

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143157.D
 Acq On : 17 Jul 2025 19:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 18 01:04:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138855	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	536902	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	269673	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	425499	20.000	ng	0.00
76) Chrysene-d12	14.121	240	257557	20.000	ng	0.00
86) Perylene-d12	15.621	264	290483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	683377	77.881	ng	0.00
7) Phenol-d6	6.581	99	864647	78.288	ng	0.00
23) Nitrobenzene-d5	7.522	82	895287	83.120	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	221500	79.508	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1518879	77.029	ng	0.00
79) Terphenyl-d14	13.069	244	1271733	73.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	166244	40.040	ng	99
3) Pyridine	3.575	79	418492	38.834	ng	99
4) n-Nitrosodimethylamine	3.516	42	221018	39.723	ng	99
6) Aniline	6.622	93	607823	39.488	ng	100
8) 2-Chlorophenol	6.745	128	365543	39.743	ng	99
9) Benzaldehyde	6.510	77	363665	43.912	ng	97
10) Phenol	6.593	94	474356m	39.425	ng	
11) bis(2-Chloroethyl)ether	6.693	93	365030	39.624	ng	100
12) 1,3-Dichlorobenzene	6.904	146	390492	39.082	ng	99
13) 1,4-Dichlorobenzene	6.981	146	392653	39.023	ng	99
14) 1,2-Dichlorobenzene	7.134	146	377188	39.413	ng	99
15) Benzyl Alcohol	7.098	79	334056	39.613	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	678356	39.695	ng	99
17) 2-Methylphenol	7.204	107	303796	39.283	ng	99
18) Hexachloroethane	7.481	117	141080	40.502	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	273232	38.561	ng	98
20) 3+4-Methylphenols	7.357	107	381861	40.698	ng	95
22) Acetophenone	7.369	105	487279	38.334	ng	# 97
24) Nitrobenzene	7.540	77	399661	39.799	ng	99
25) Isophorone	7.781	82	735124	38.662	ng	99
26) 2-Nitrophenol	7.857	139	187422	43.005	ng	99
27) 2,4-Dimethylphenol	7.887	122	345701	38.914	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	442167	38.785	ng	99
29) 2,4-Dichlorophenol	8.092	162	293442	39.168	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	314604	38.870	ng	100
31) Naphthalene	8.269	128	1028140	38.883	ng	100
32) Benzoic acid	7.981	122	185065	38.171	ng	99
33) 4-Chloroaniline	8.304	127	412017	38.161	ng	99
34) Hexachlorobutadiene	8.387	225	195484	39.537	ng	99
35) Caprolactam	8.669	113	90080	39.790	ng	98
36) 4-Chloro-3-methylphenol	8.781	107	314299	38.598	ng	97
37) 2-Methylnaphthalene	8.957	142	619310	38.490	ng	100
38) 1-Methylnaphthalene	9.057	142	644847	38.919	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	304551	39.116	ng	100
41) Hexachlorocyclopentadiene	9.116	237	206865	40.834	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	209902	38.954	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	219957	40.808	ng	98
46) 1,1'-Biphenyl	9.422	154	831115	39.502	ng	99
47) 2-Chloronaphthalene	9.445	162	606685	38.970	ng	100
48) 2-Nitroaniline	9.534	65	205784	42.151	ng	99
49) Acenaphthylene	9.863	152	1021363	39.148	ng	100
50) Dimethylphthalate	9.716	163	691652	39.347	ng	100
51) 2,6-Dinitrotoluene	9.775	165	150428	42.067	ng	97
52) Acenaphthene	10.033	154	605034	39.237	ng	98
53) 3-Nitroaniline	9.939	138	167420	40.028	ng	100
54) 2,4-Dinitrophenol	10.039	184	58866	39.960	ng	# 1
55) Dibenzofuran	10.204	168	889222	38.841	ng	99
56) 4-Nitrophenol	10.086	139	125059	40.040	ng	99
57) 2,4-Dinitrotoluene	10.175	165	188181	41.945	ng	97
58) Fluorene	10.545	166	653713	38.045	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	178038	39.875	ng	99
60) Diethylphthalate	10.416	149	679129	39.088	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	333465	38.975	ng	99
62) 4-Nitroaniline	10.551	138	141515	39.478	ng	100
63) Azobenzene	10.698	77	705944	38.986	ng	100
65) 4,6-Dinitro-2-methylph...	10.581	198	87846	40.354	ng	96
66) n-Nitrosodiphenylamine	10.651	169	592682	39.557	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	198111	39.069	ng	99
68) Hexachlorobenzene	11.098	284	209203	39.472	ng	99
69) Atrazine	11.175	200	166380	40.279	ng	99
70) Pentachlorophenol	11.286	266	128754	41.309	ng	98
71) Phenanthrene	11.510	178	882612	39.066	ng	99
72) Anthracene	11.563	178	896290	38.898	ng	100
73) Carbazole	11.710	167	787128	39.121	ng	100
74) Di-n-butylphthalate	12.039	149	922904	40.539	ng	100
75) Fluoranthene	12.698	202	827620	39.910	ng	100
77) Benzidine	12.810	184	378753	38.169	ng	100
78) Pyrene	12.927	202	816607	37.150	ng	100
80) Butylbenzylphthalate	13.539	149	274194	40.736	ng	99
81) Benzo(a)anthracene	14.110	228	668691	38.779	ng	100
82) 3,3'-Dichlorobenzidine	14.069	252	227633	39.609	ng	100
83) Chrysene	14.145	228	631314	40.721	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	422788	41.499	ng	100
85) Di-n-octyl phthalate	14.716	149	729985	39.529	ng	100
87) Indeno(1,2,3-cd)pyrene	17.157	276	814736	39.776	ng	100
88) Benzo(b)fluoranthene	15.180	252	677603	38.184	ng	100
89) Benzo(k)fluoranthene	15.210	252	653171	41.247	ng	100
90) Benzo(a)pyrene	15.557	252	654692	40.042	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	665474	39.916	ng	99
92) Benzo(g,h,i)perylene	17.621	276	644277	39.950	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

TIC: BF143157.D\data.ms

Abundance

Time-->

1,4-Dioxane

n-Nitrosodimethylaniline

Pyridine

2-Fluorophenol, S

Phenol, C

Phenol-d6, S

Bis(2-chloroethyl)phosphine oxide

1,3-Dichlorobenzene, C

Hexachlorocyclopentadiene

Nitrobenzene-d5, S

3,4-Methylenebis(maleonitrile), P

Nitrobenzene-d5, S

Isophthalic acid

2-Chlorobenzoic acid

Naphthalene

Hexachlorocyclopentadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphenol, C

2,4-Dinitrochlorobenzene, C

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

2,4-Dinitrofluorene

Dibenzofuran

2,4-Dinitrophenyl ether

2,4-Dinitrophenyl ether

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine

Di-n-octyl phthalate, c

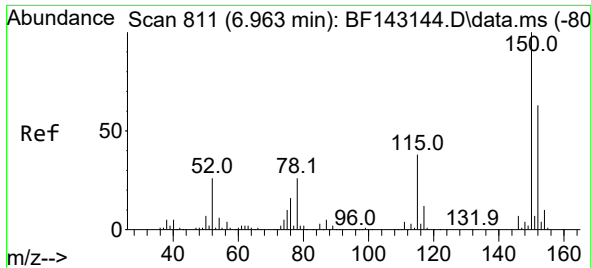
Benzo(a)pyrene

Benzo(a)pyrene, C

Perylene-d12, I

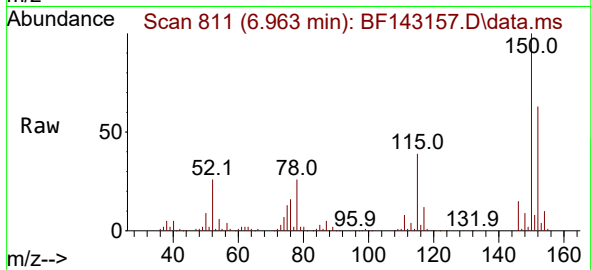
Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

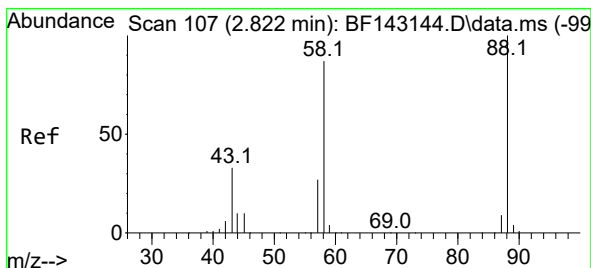
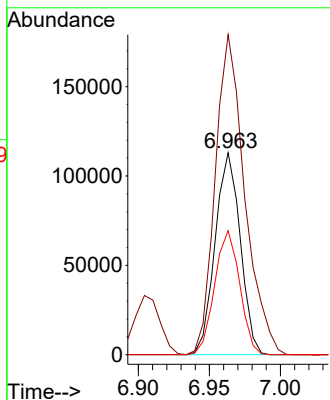
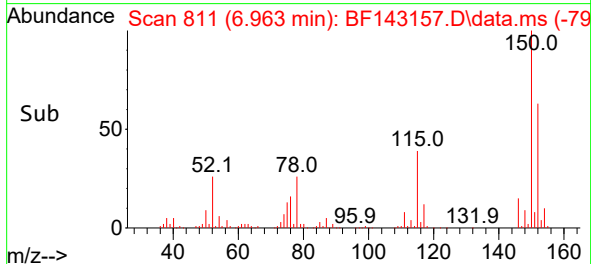
Instrument :
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ClientSampleId :
SSTDCCC040EC



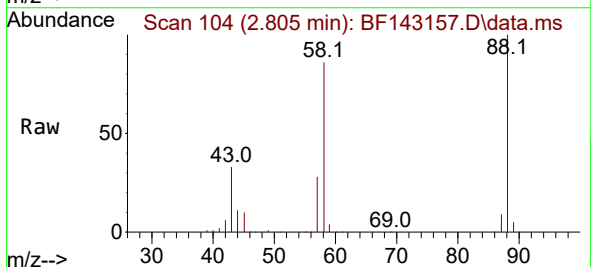
Tgt Ion:152 Resp: 13885
Ion Ratio Lower Upper
152 100
150 158.5 128.2 192.4
115 61.4 47.9 71.9

Manual Integrations
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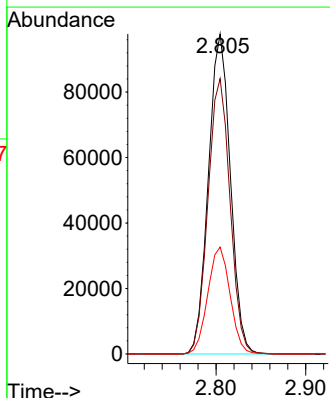
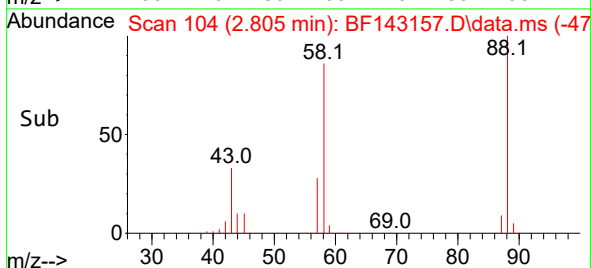
Reviewed By :Rahul Chavli 07/18/2025
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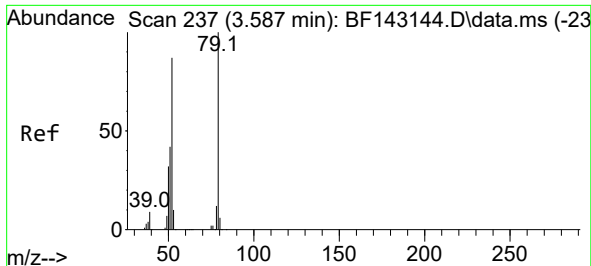


#2
1,4-Dioxane
Concen: 40.040 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



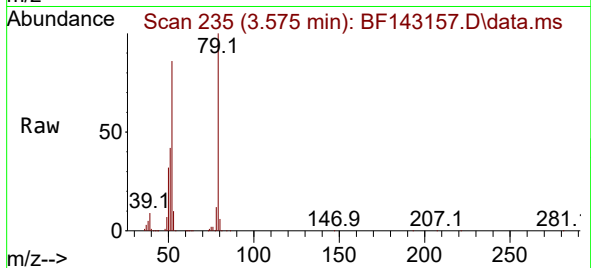
Tgt Ion: 88 Resp: 166244
Ion Ratio Lower Upper
88 100
58 86.5 70.2 105.2
43 34.0 27.1 40.7





#3
Pyridine
Concen: 38.834 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

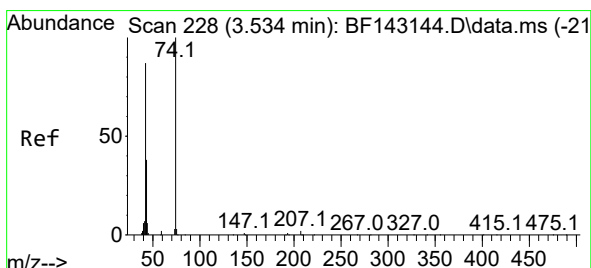
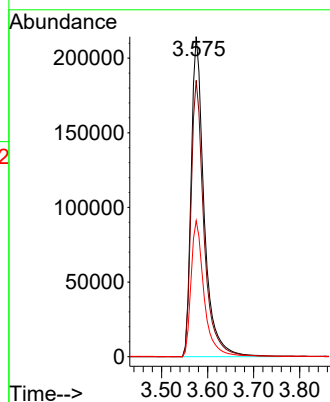
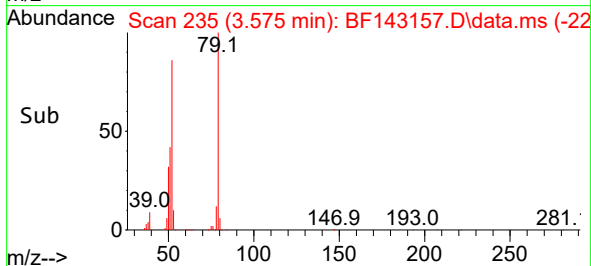
Instrument :
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ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 418492
Ion Ratio Lower Upper
79 100
52 86.4 69.4 104.2
51 42.5 33.5 50.3

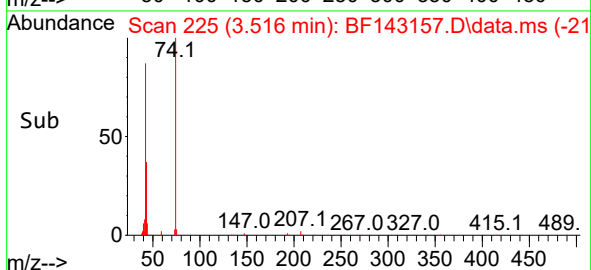
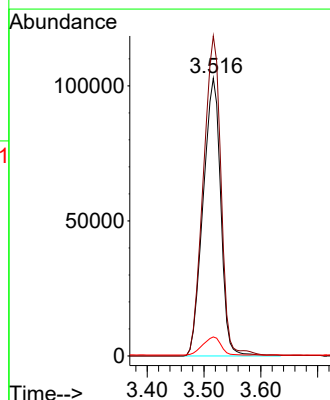
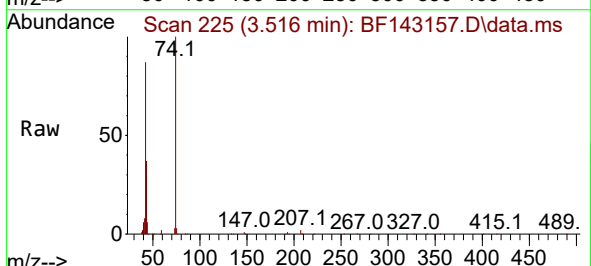
Manual Integrations
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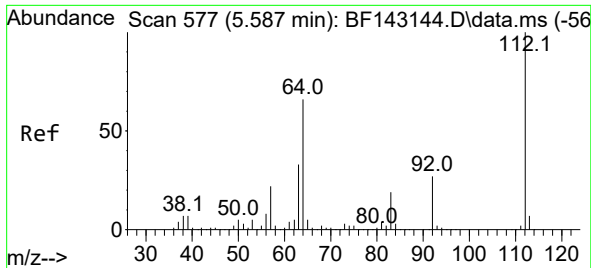
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 39.723 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion: 42 Resp: 221018
Ion Ratio Lower Upper
42 100
74 115.2 91.7 137.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 77.881 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

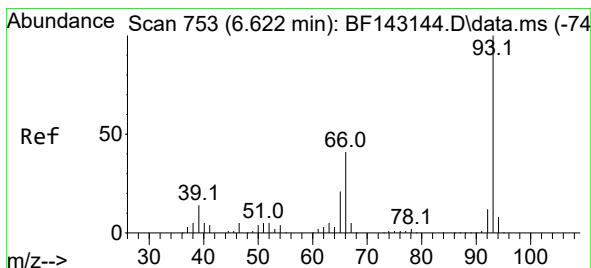
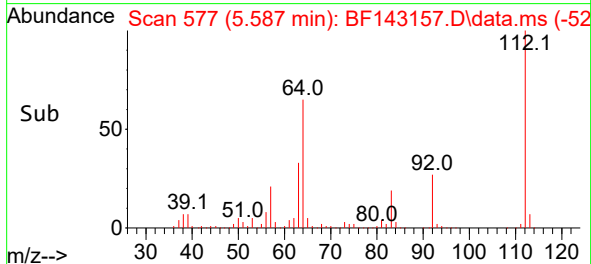
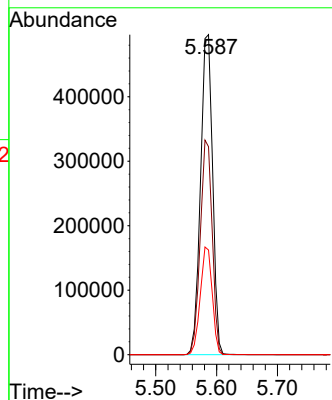
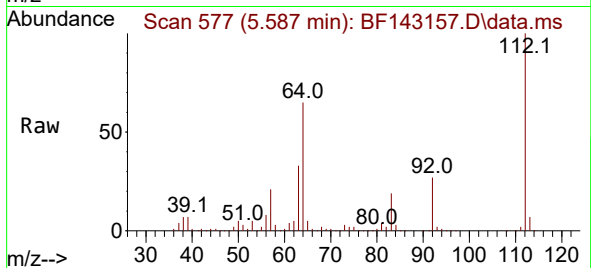
Tgt Ion:112 Resp: 68337
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.7 26.6 40.0

Manual Integrations

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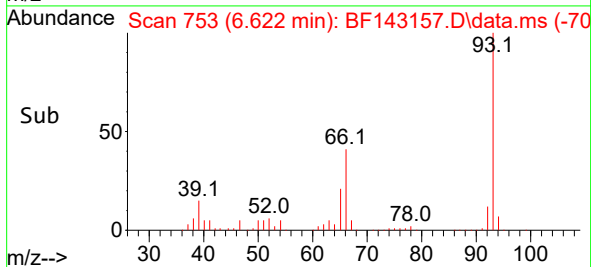
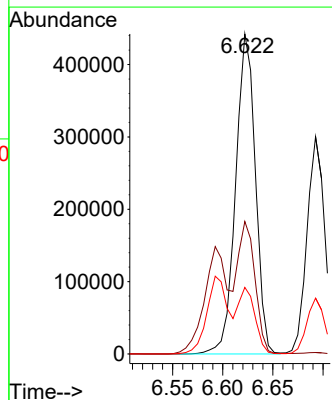
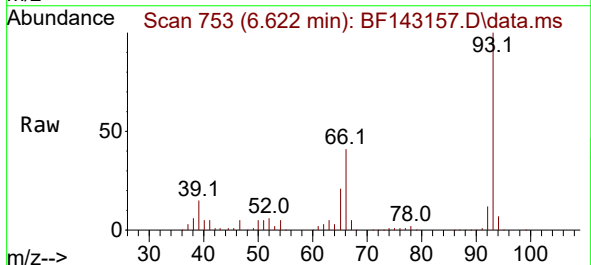
Reviewed By :Rahul Chavli 07/18/2025

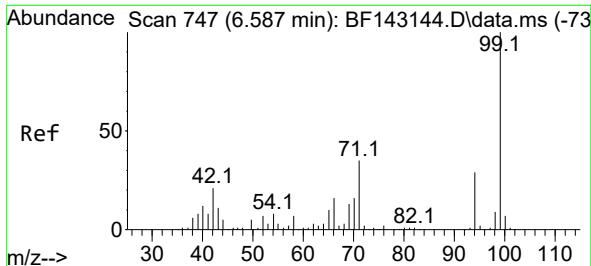
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 39.488 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

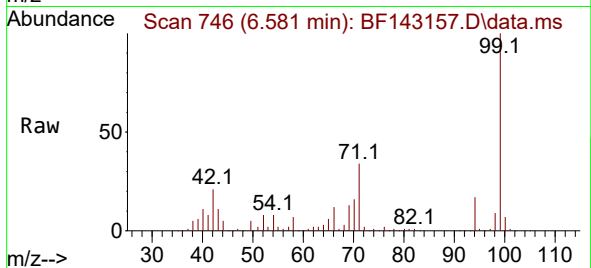
Tgt Ion: 93 Resp: 607823
Ion Ratio Lower Upper
93 100
66 41.4 33.2 49.8
65 20.8 16.9 25.3





#7
Phenol-d6
Concen: 78.288 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

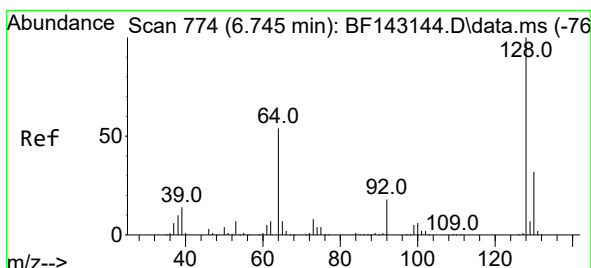
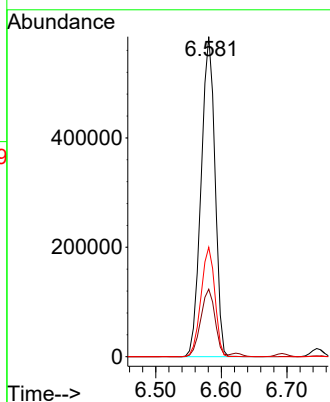
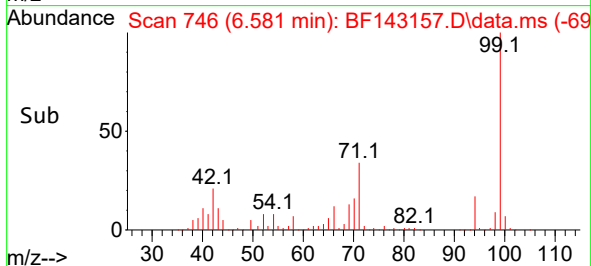
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 86464
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.2 27.7 41.5

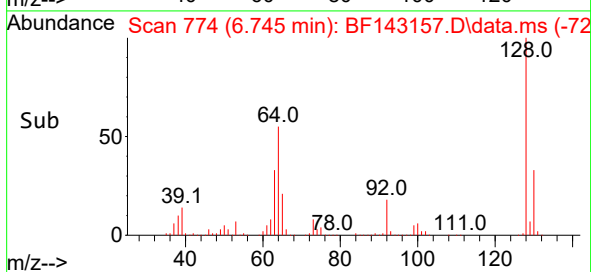
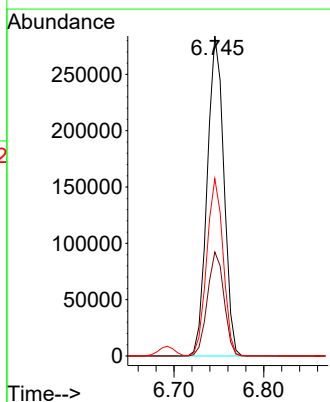
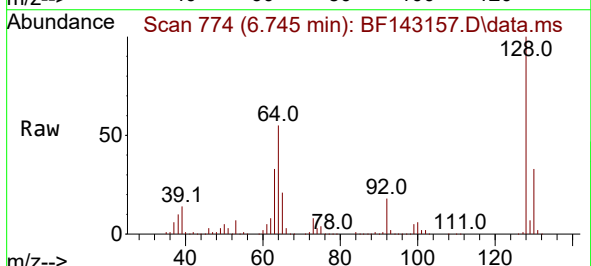
Manual Integrations
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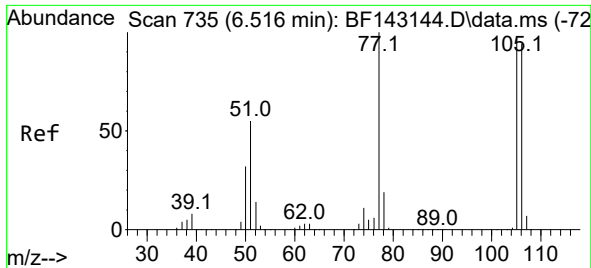
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 39.743 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

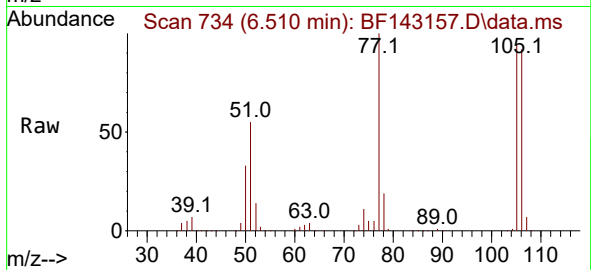
Tgt Ion:128 Resp: 365543
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 55.4 35.9 75.9





#9
Benzaldehyde
Concen: 43.912 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

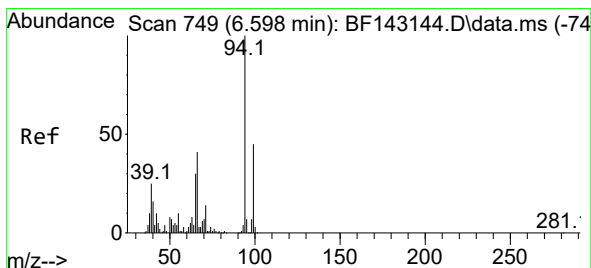
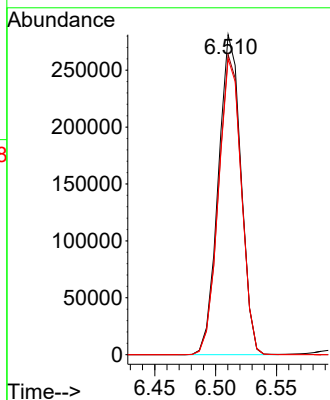
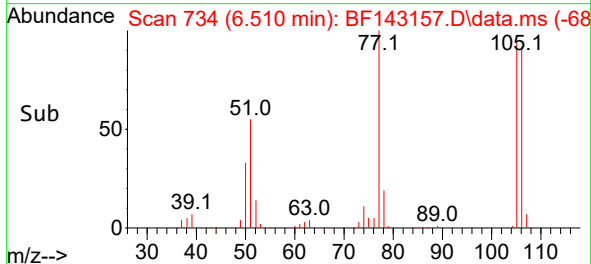
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



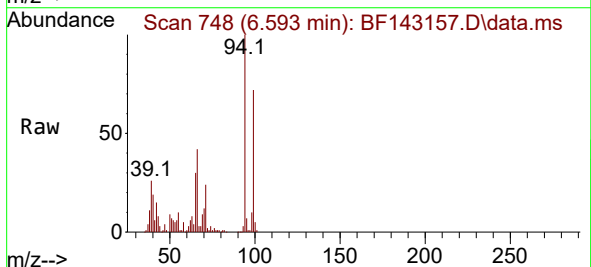
Tgt Ion: 77 Resp: 36366
Ion Ratio Lower Upper
77 100
105 93.8 76.8 116.8
106 92.5 74.4 114.4

Manual Integrations
APPROVED

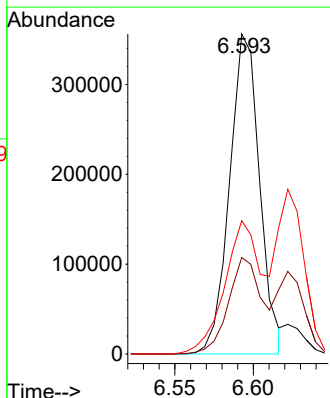
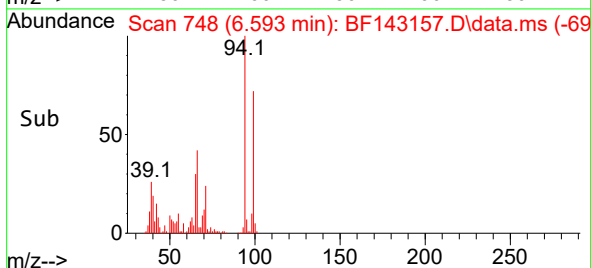
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

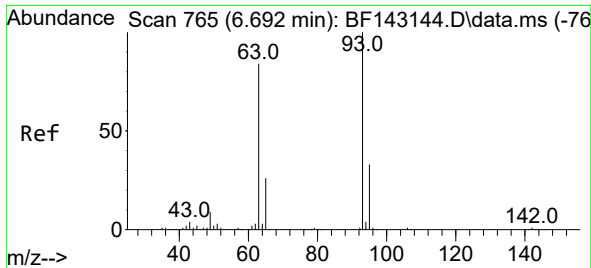


#10
Phenol
Concen: 39.425 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



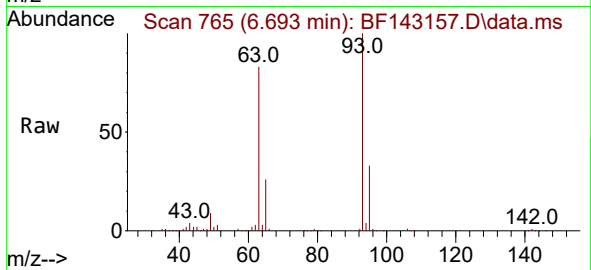
Tgt Ion: 94 Resp: 474356
Ion Ratio Lower Upper
94 100
65 30.2 10.0 50.0
66 41.6 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 39.624 ng
RT: 6.693 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

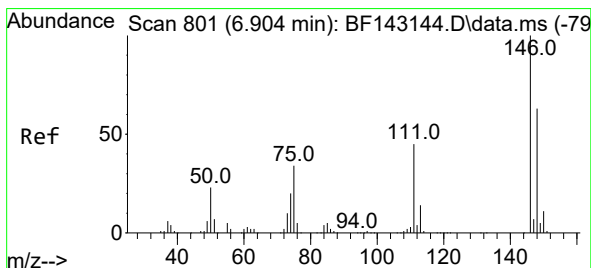
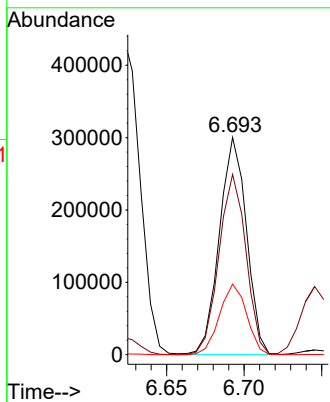
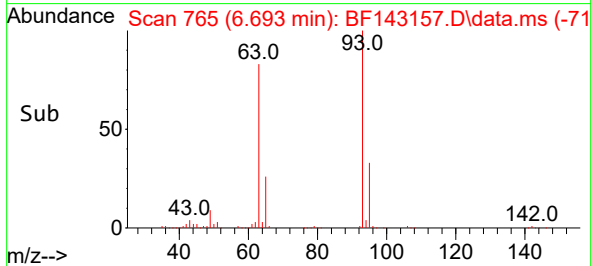
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



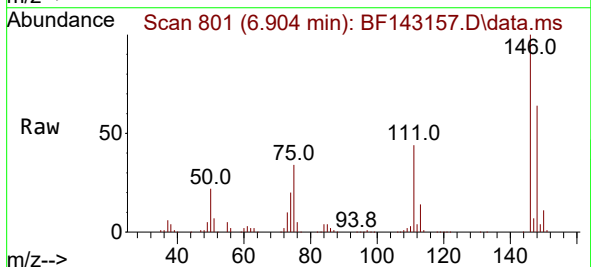
Tgt Ion: 93 Resp: 365030
Ion Ratio Lower Upper
93 100
63 82.9 63.4 103.4
95 32.5 12.4 52.4

Manual Integrations
APPROVED

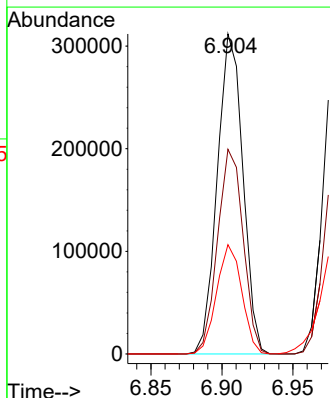
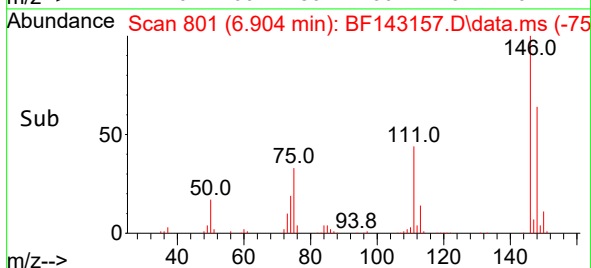
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

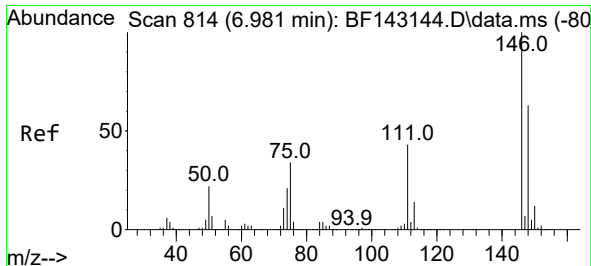


#12
1,3-Dichlorobenzene
Concen: 39.082 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:146 Resp: 390492
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.023 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 39265

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

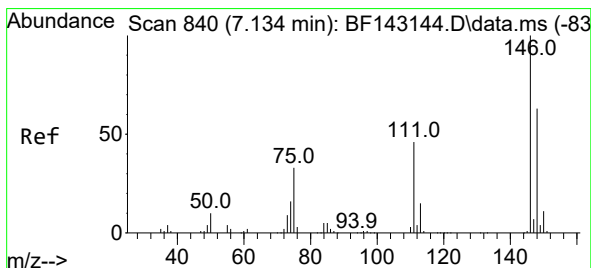
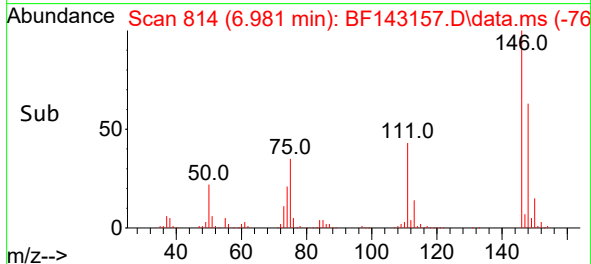
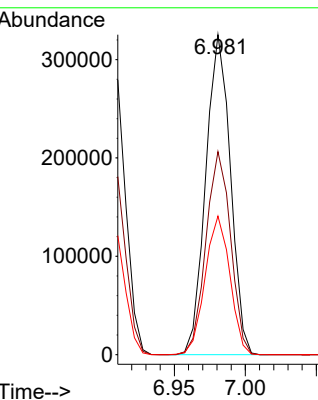
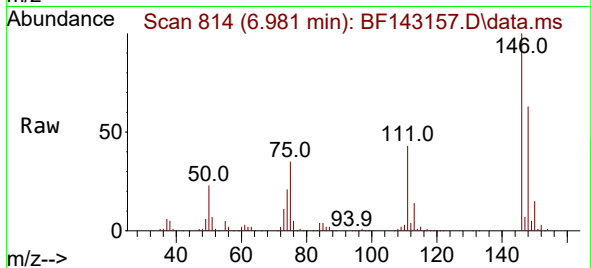
111 43.3 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 39.413 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

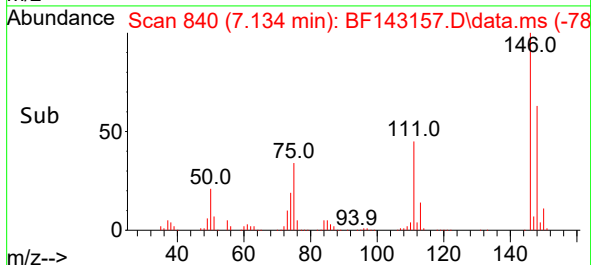
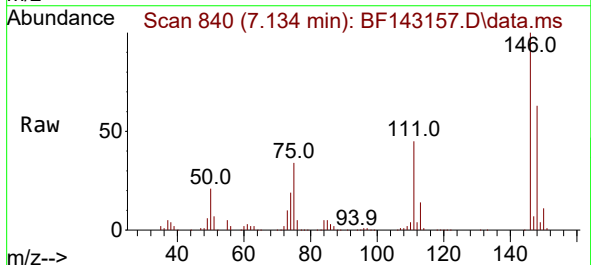
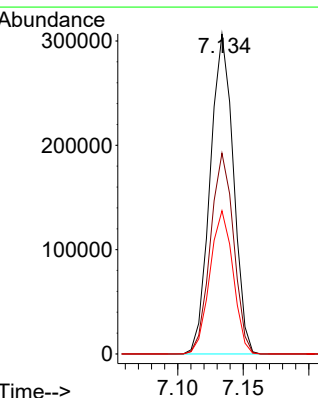
Tgt Ion:146 Resp: 377188

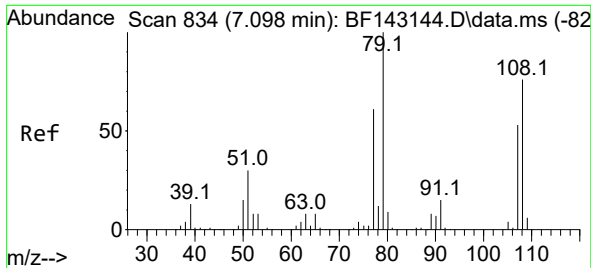
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

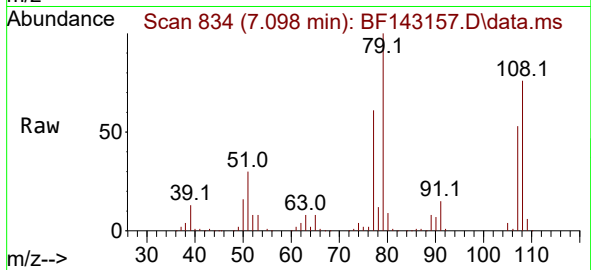
111 44.8 36.6 54.8





#15
Benzyl Alcohol
Concen: 39.613 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

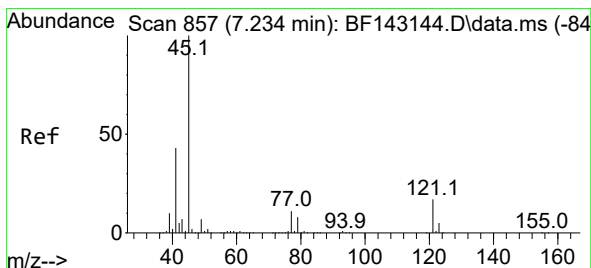
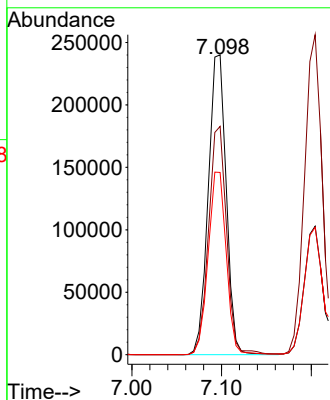
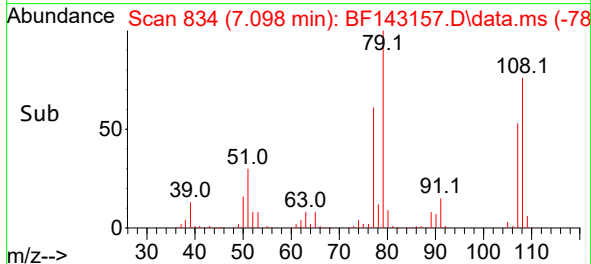
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 334056
Ion Ratio Lower Upper
79 100
108 76.1 61.1 91.7
77 60.8 48.9 73.3

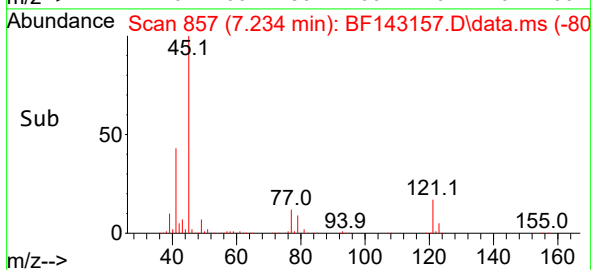
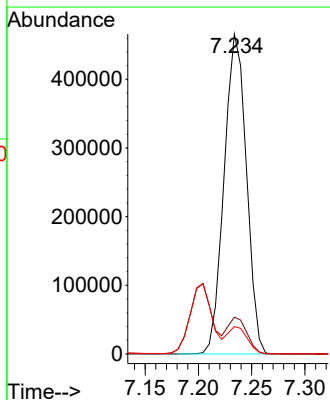
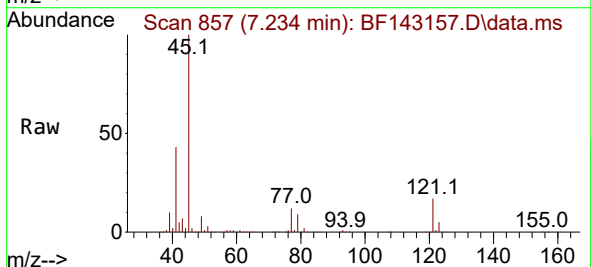
Manual Integrations
APPROVED

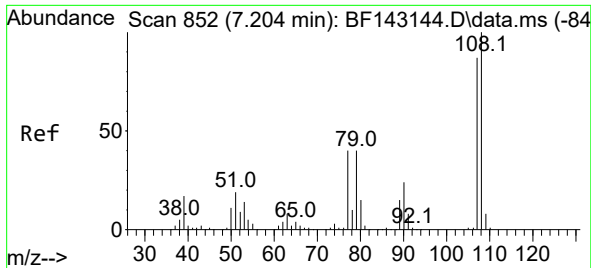
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.695 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion: 45 Resp: 678356
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.6 0.0 28.5





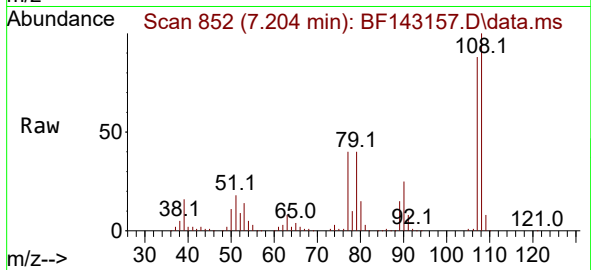
#17
2-Methylphenol
Concen: 39.283 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



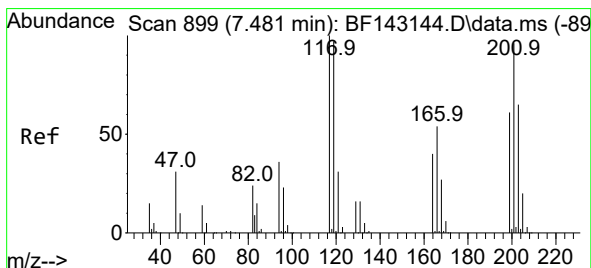
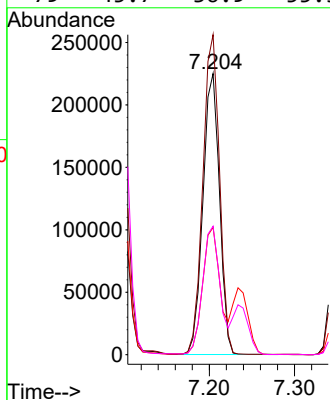
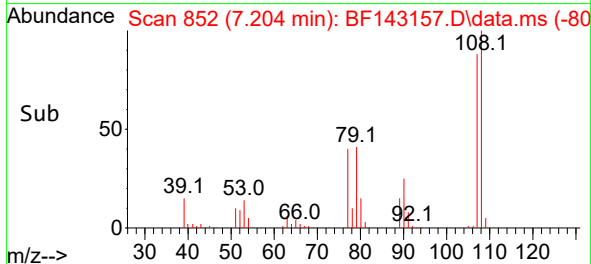
Tgt Ion:107 Resp: 303790
Ion Ratio Lower Upper
107 100
108 113.8 91.8 137.6
77 45.3 37.0 55.6
79 45.7 36.9 55.3

Manual Integrations

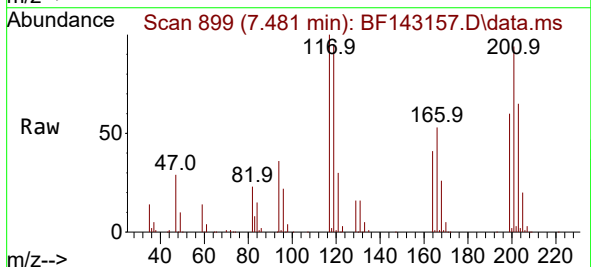
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

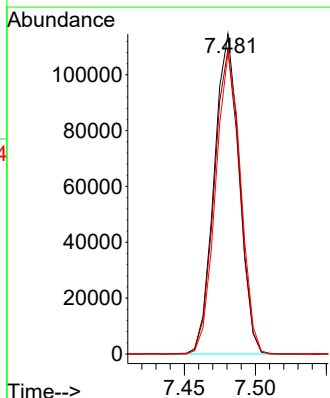
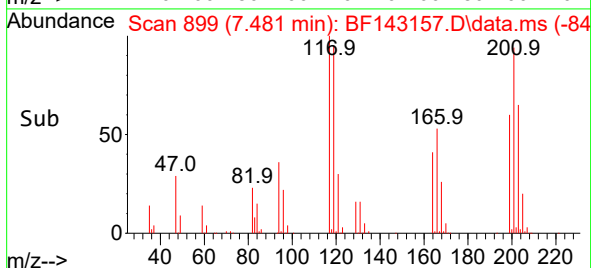
Supervised By :Jagrut Upadhyay 07/18/2025

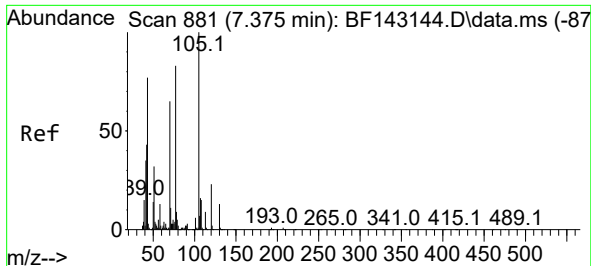


#18
Hexachloroethane
Concen: 40.502 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:117 Resp: 141080
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.8
201 94.1 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.561 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

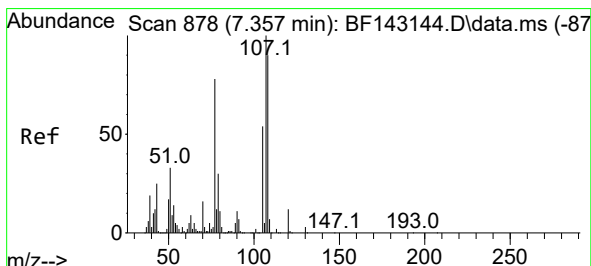
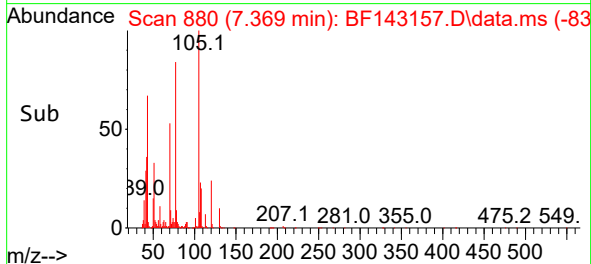
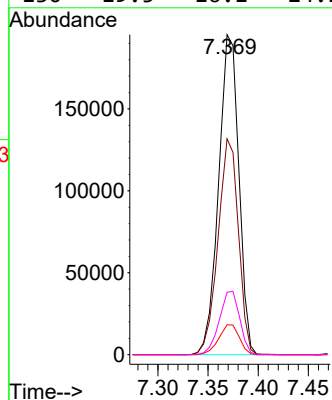
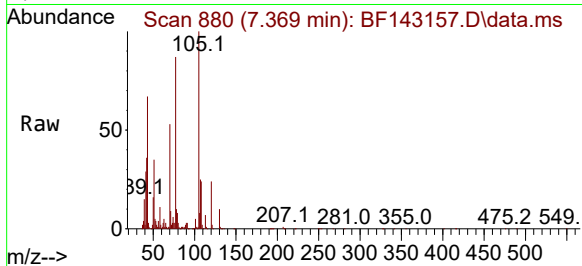
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 27323
Ion Ratio Lower Upper
70 100
42 67.5 52.5 78.7
101 9.3 7.6 11.4
130 19.5 16.1 24.1

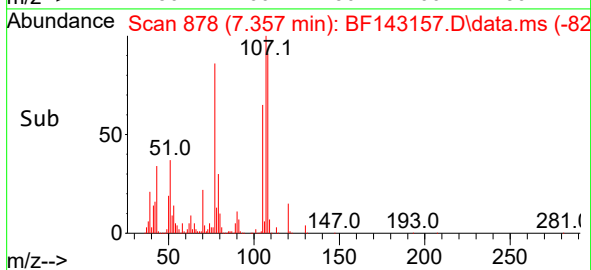
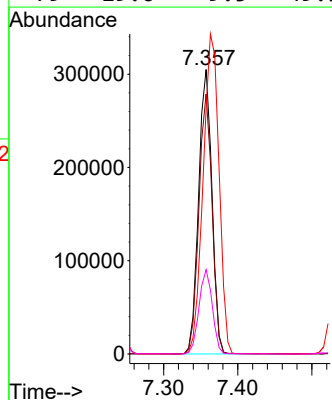
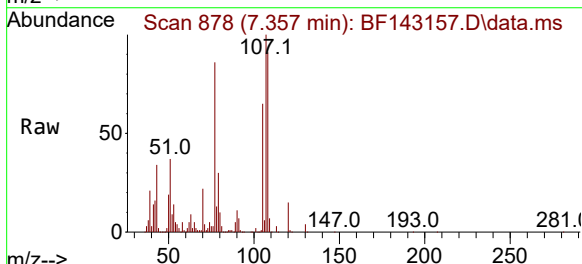
Manual Integrations
APPROVED

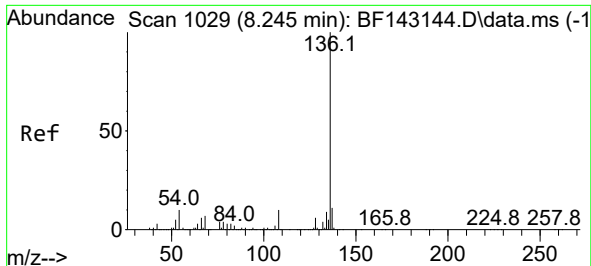
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#20
3+4-Methylphenols
Concen: 40.698 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

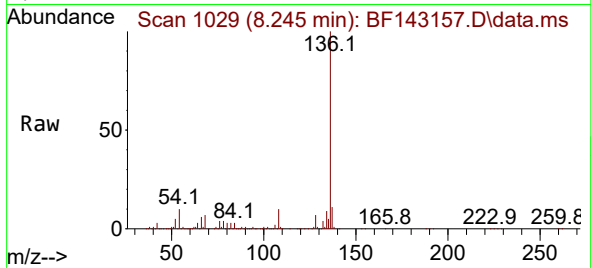
Tgt Ion:107 Resp: 381861
Ion Ratio Lower Upper
107 100
108 91.3 70.0 110.0
77 86.4 57.8 97.8
79 29.6 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

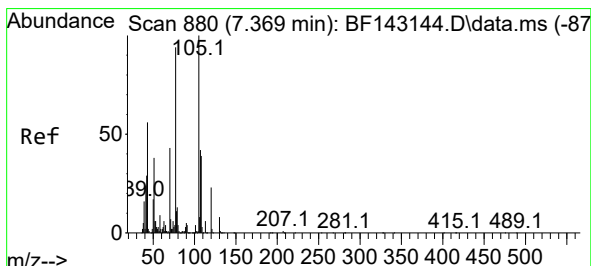
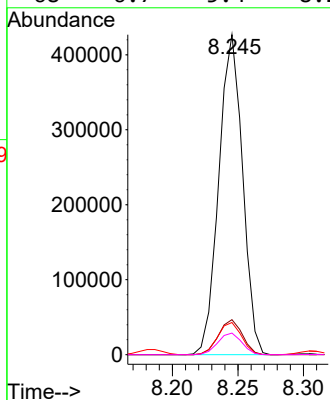
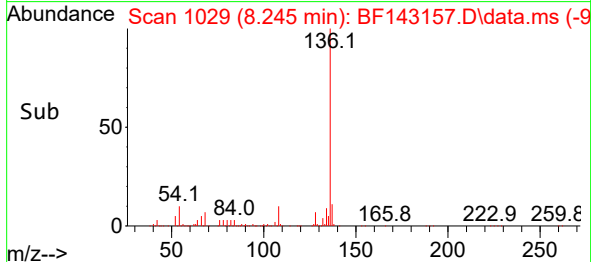


Tgt Ion:136 Resp: 53690

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.2	12.2
68	6.7	5.4	8.2

Manual Integrations
APPROVED

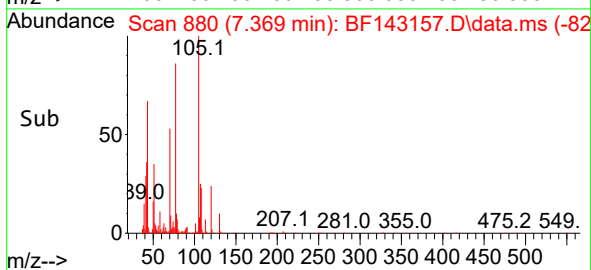
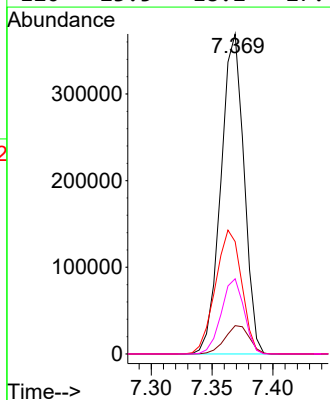
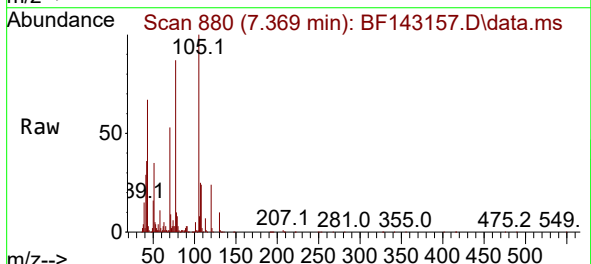
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

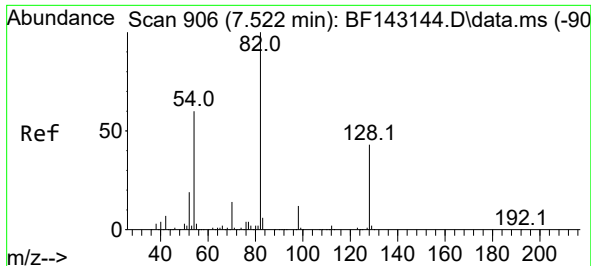


#22
Acetophenone
Concen: 38.334 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion:105 Resp: 487279

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.8	8.6
51	35.1	30.2	45.2
120	23.5	18.2	27.4





#23

Nitrobenzene-d5

Concen: 83.120 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

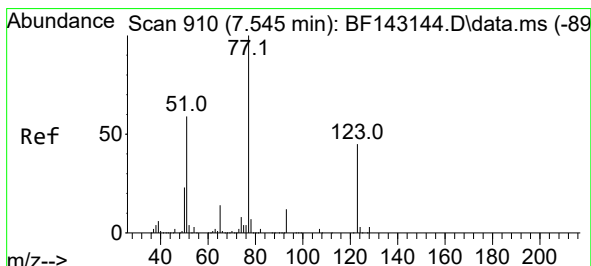
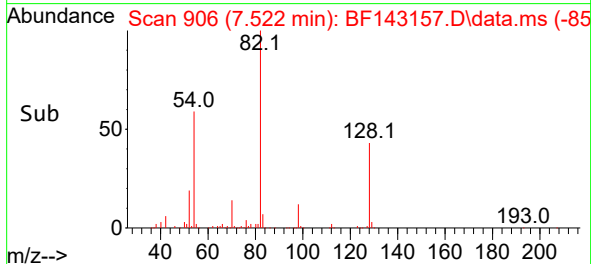
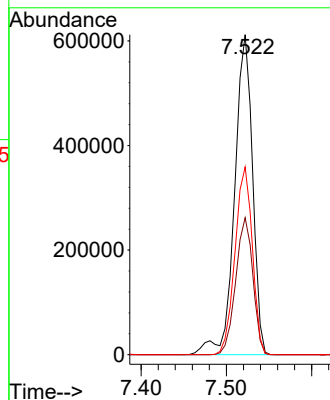
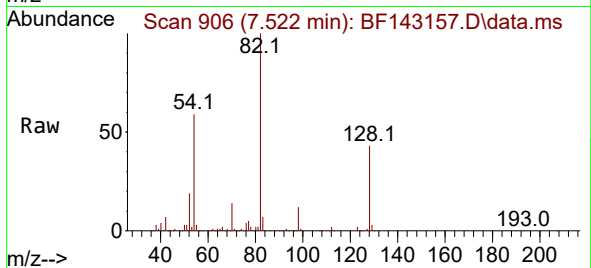
SSTDCCC040EC

Tgt Ion: 82 Resp: 89528
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.6 50.4
 54 58.6 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 39.799 ng

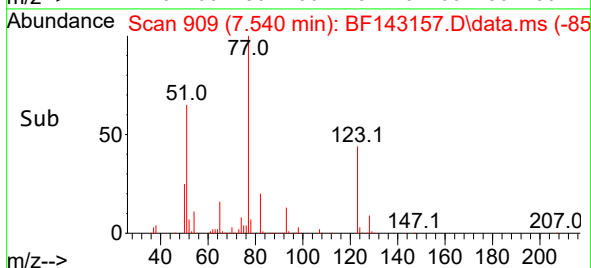
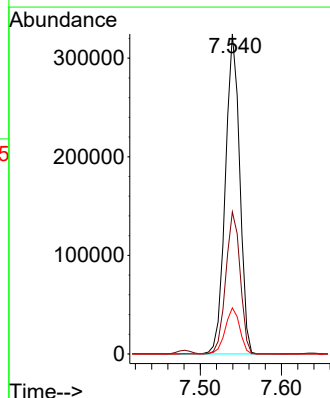
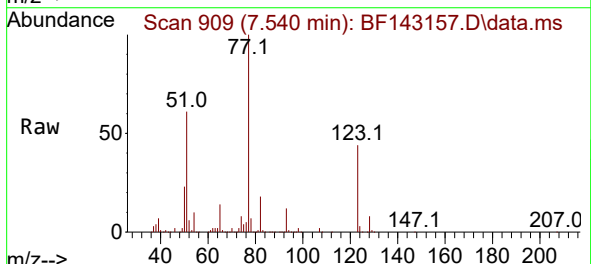
RT: 7.540 min Scan# 909

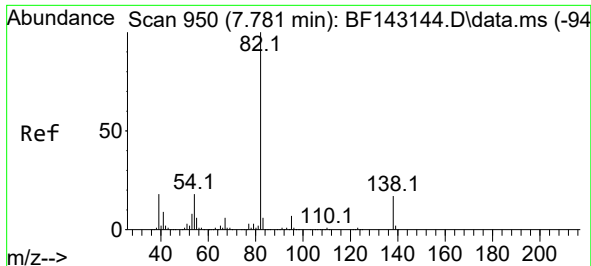
Delta R.T. -0.006 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Tgt Ion: 77 Resp: 399661
 Ion Ratio Lower Upper
 77 100
 123 44.4 36.1 54.1
 65 14.4 11.4 17.2





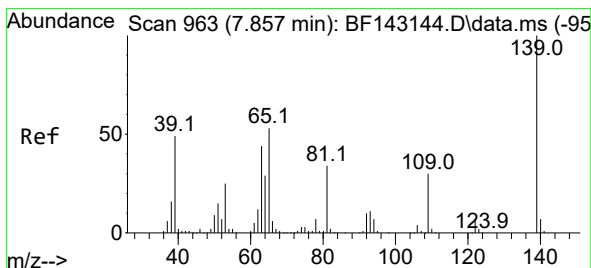
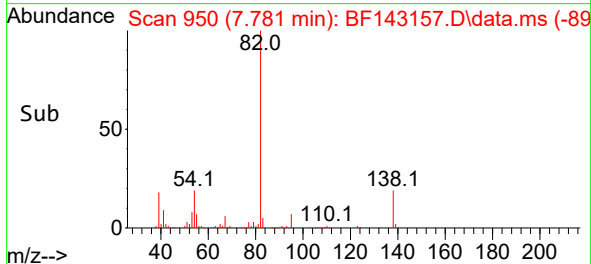
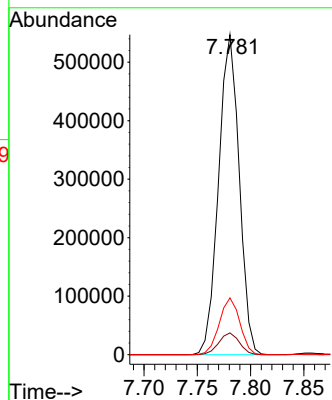
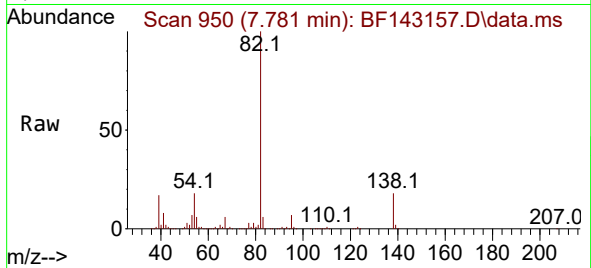
#25
Isophorone
Concen: 38.662 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 735124
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 13.8 20.8

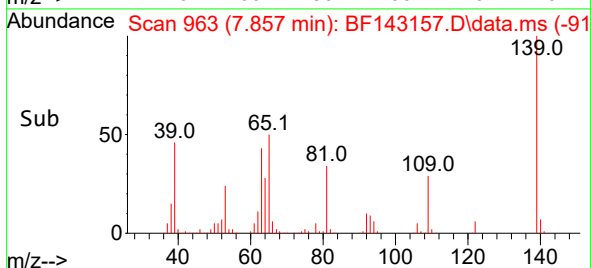
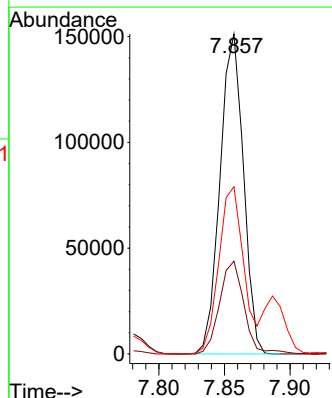
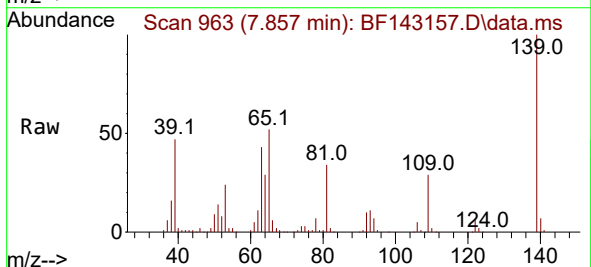
Manual Integrations
APPROVED

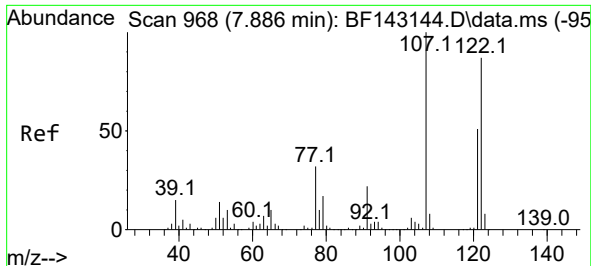
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 43.005 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion:139 Resp: 187422
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 52.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 38.914 ng

RT: 7.887 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:122 Resp: 34570

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

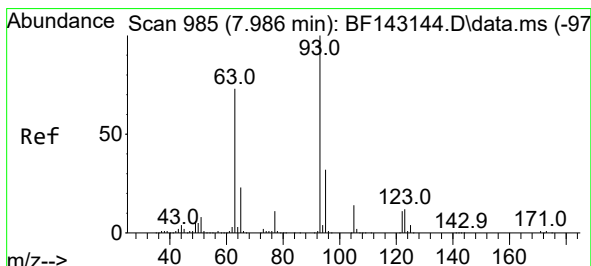
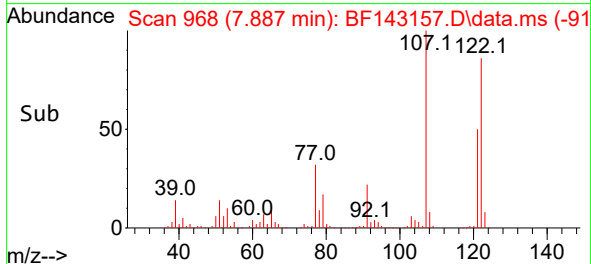
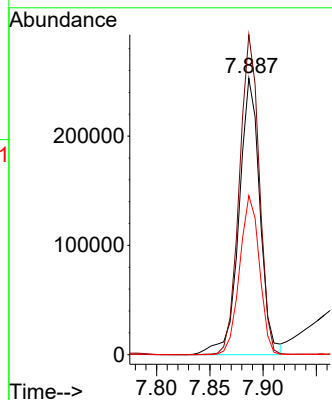
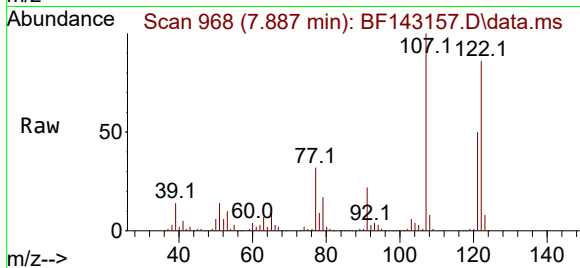
121 57.5 46.3 69.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.785 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

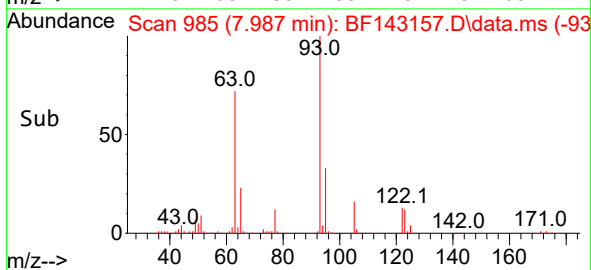
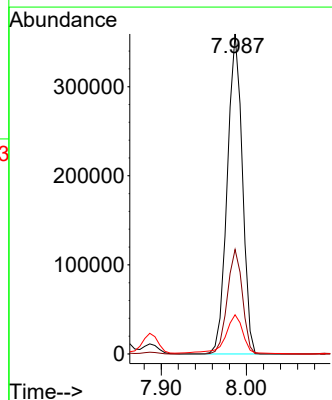
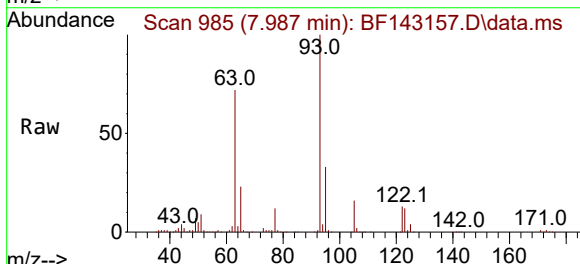
Tgt Ion: 93 Resp: 442167

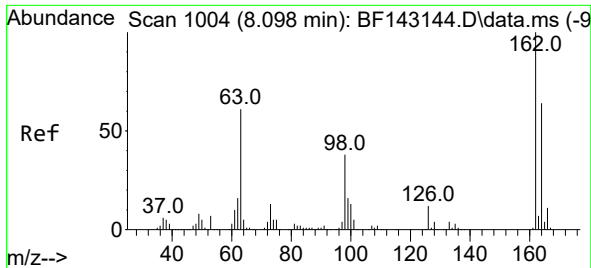
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.168 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

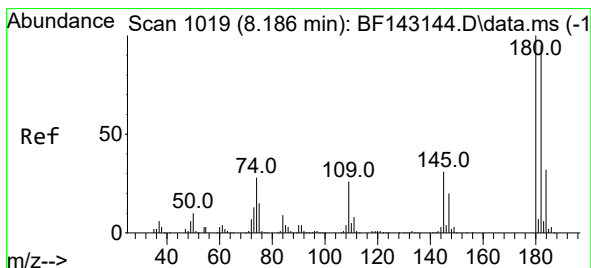
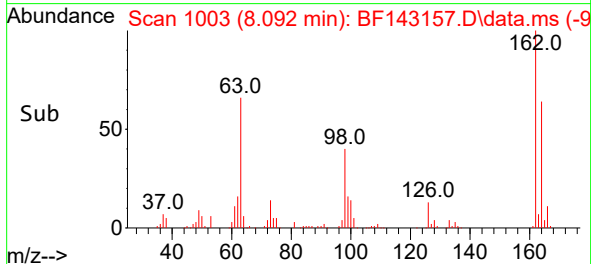
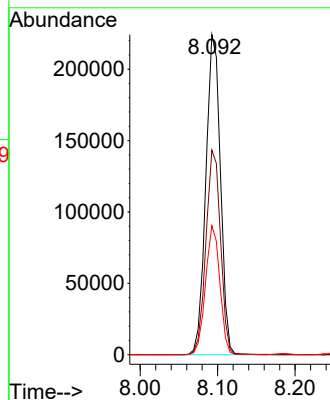
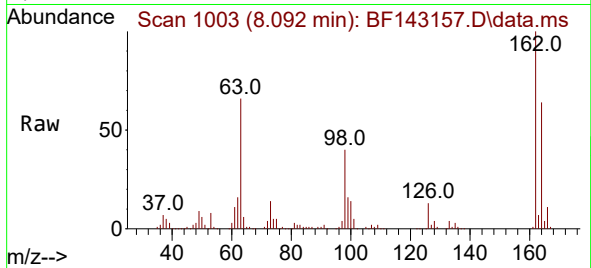
Tgt Ion:162 Resp: 29344
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.2 84.2
 98 40.3 17.9 57.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.870 ng

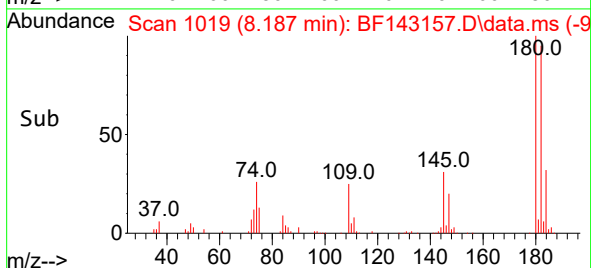
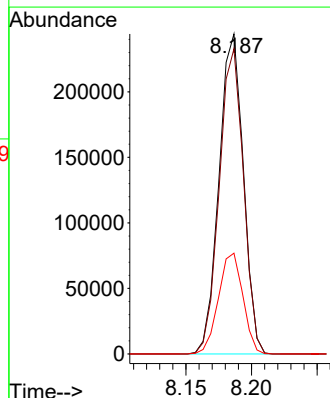
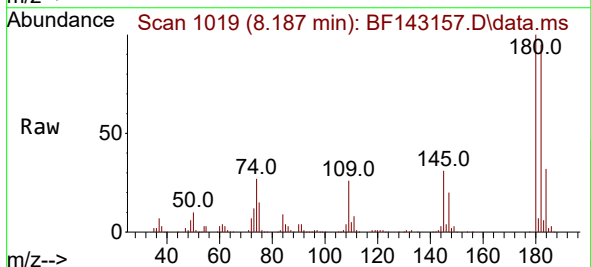
RT: 8.187 min Scan# 1019

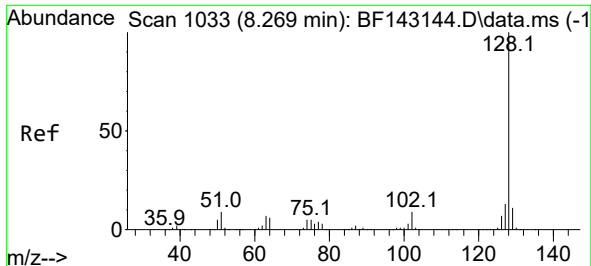
Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

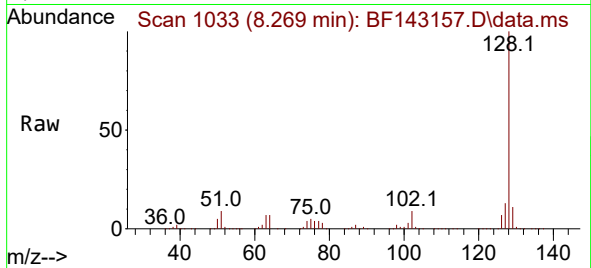
Tgt Ion:180 Resp: 314604
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.2
 145 31.5 25.0 37.6





#31
Naphthalene
Concen: 38.883 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

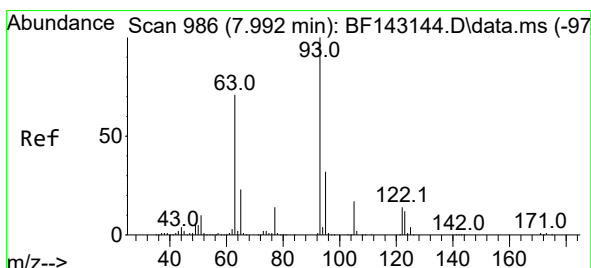
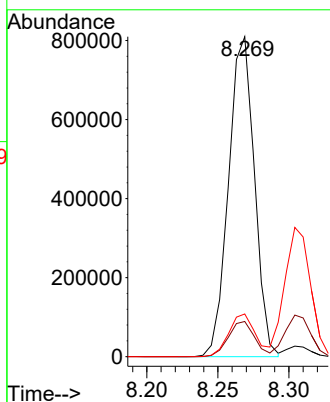
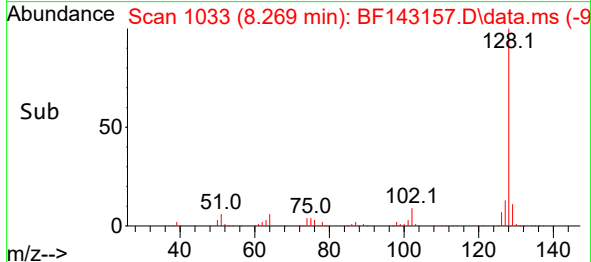
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 1028140
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.4 10.6 16.0

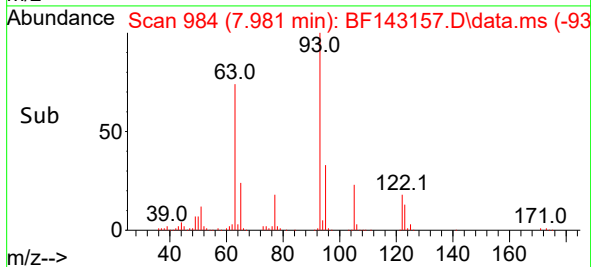
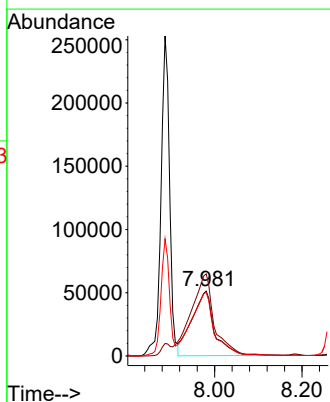
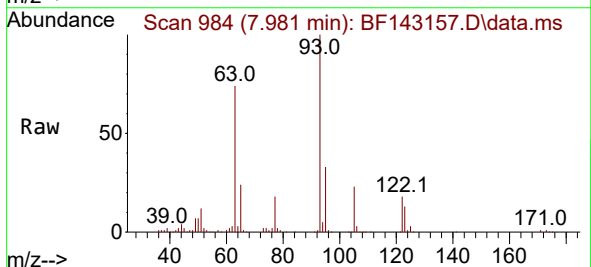
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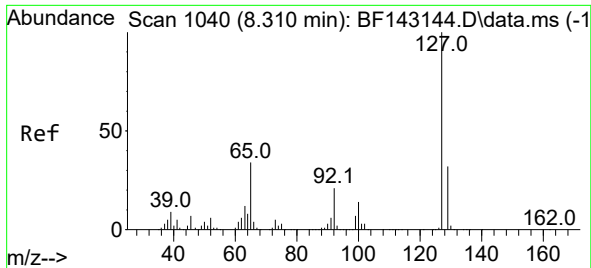
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 38.171 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion:122 Resp: 185065
Ion Ratio Lower Upper
122 100
105 126.5 104.8 144.8
77 98.3 77.6 117.6





#33
4-Chloroaniline
Concen: 38.161 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

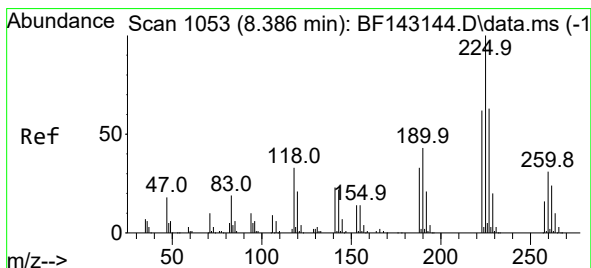
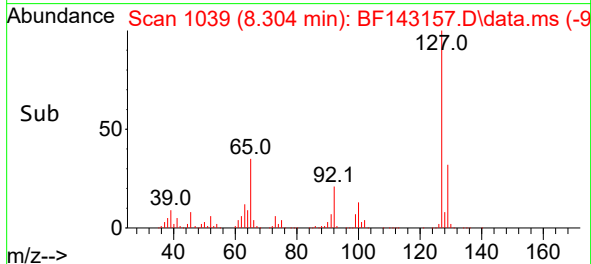
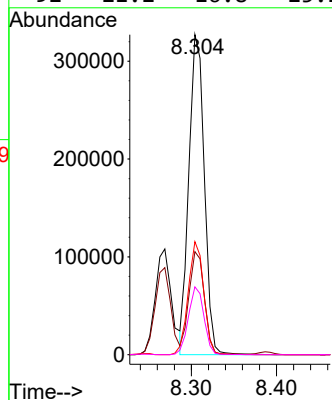
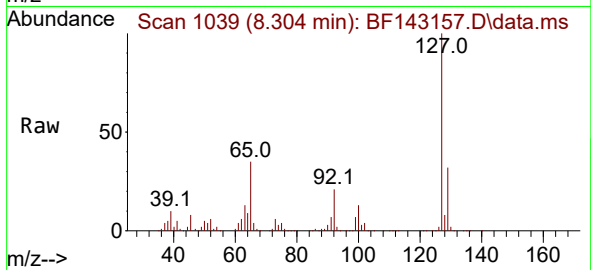
ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 41201
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 35.3 27.4 41.2
92 21.2 16.8 25.2

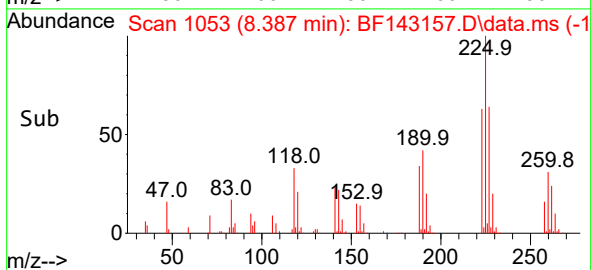
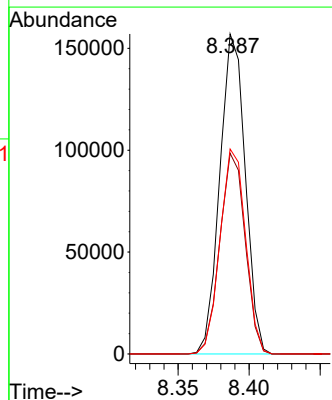
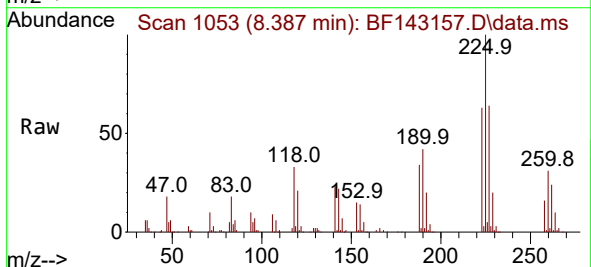
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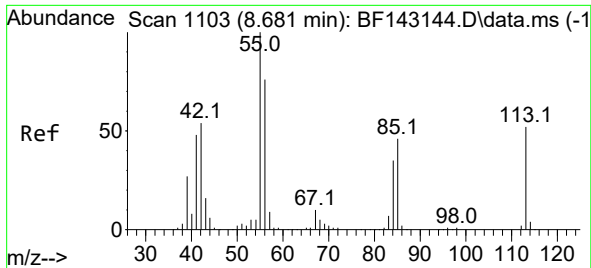
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 39.537 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

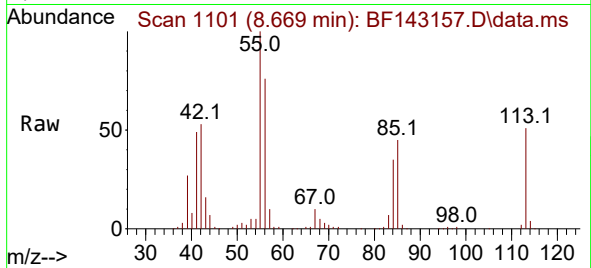
Tgt Ion:225 Resp: 195484
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.6
227 64.0 50.2 75.4





#35
Caprolactam
Concen: 39.790 ng
RT: 8.669 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

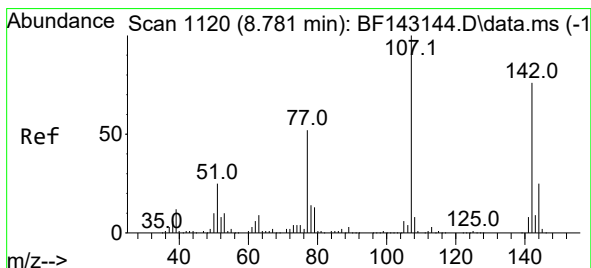
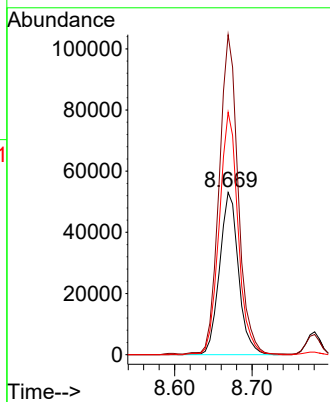
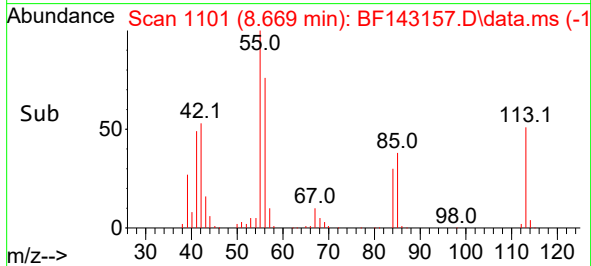
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 90080
Ion Ratio Lower Upper
113 100
55 197.2 174.0 214.0
56 149.4 126.6 166.6

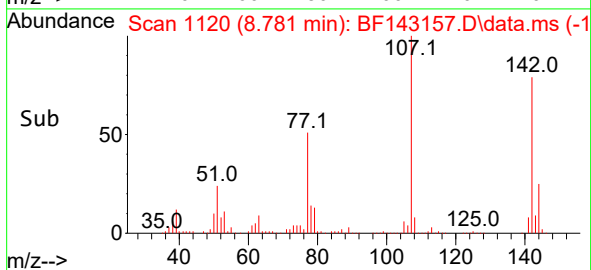
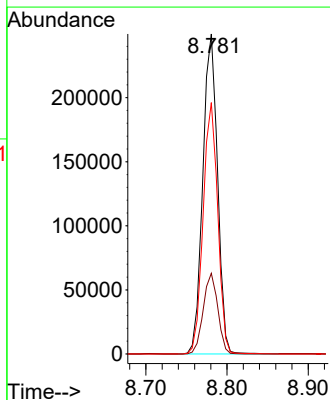
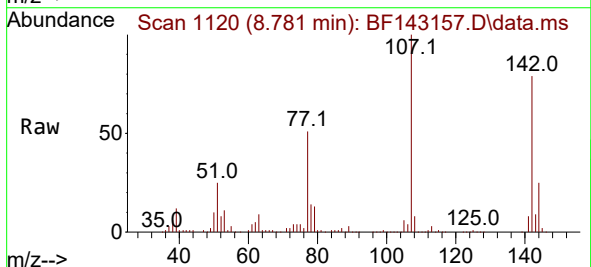
Manual Integrations
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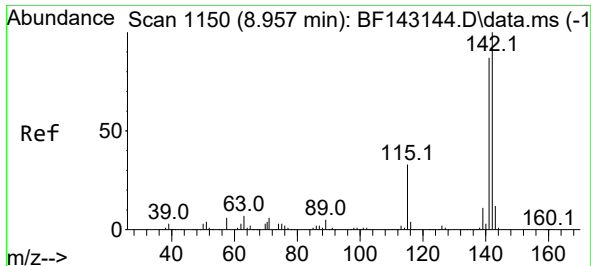
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 38.598 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

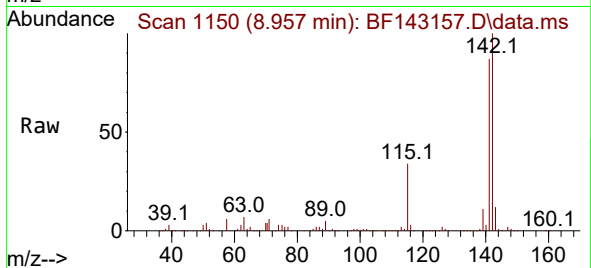
Tgt Ion:107 Resp: 314299
Ion Ratio Lower Upper
107 100
144 25.2 19.8 29.6
142 78.5 60.6 90.8





#37
2-Methylnaphthalene
Concen: 38.490 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

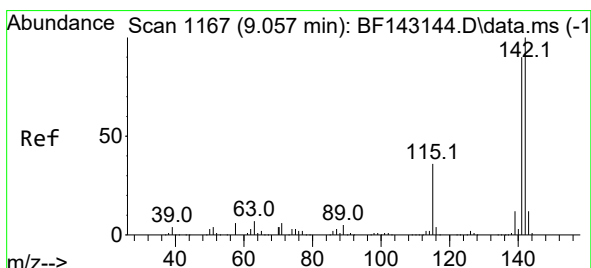
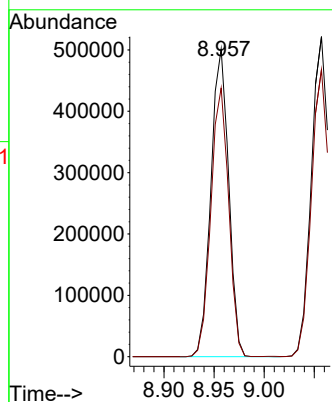
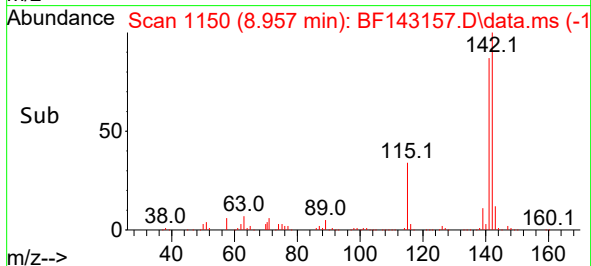
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:142 Resp: 619310
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

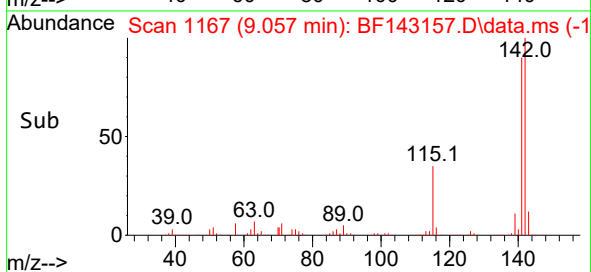
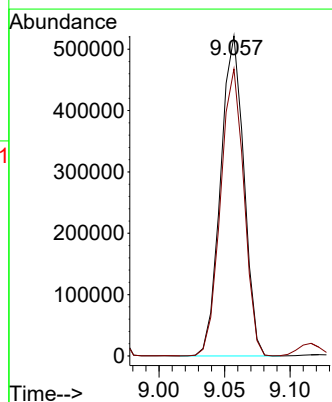
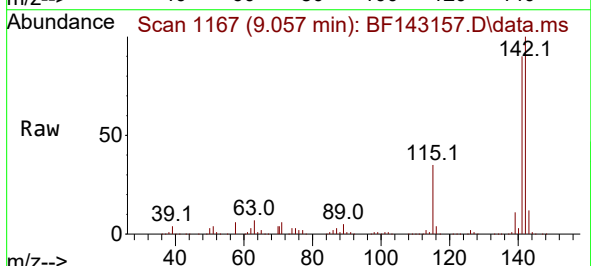
Manual Integrations
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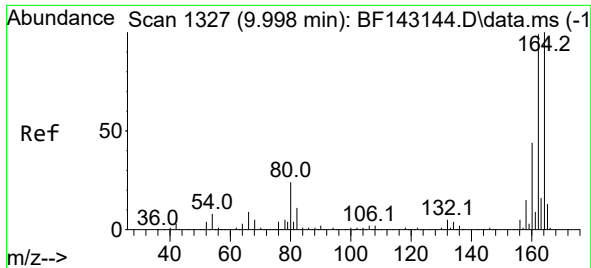
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 38.919 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

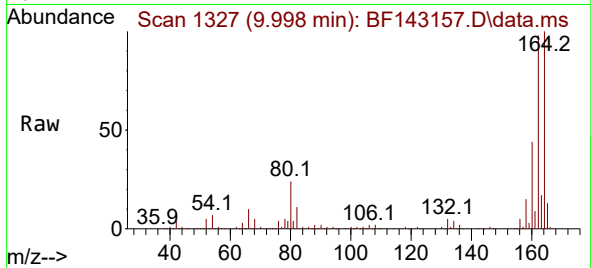
Tgt Ion:142 Resp: 644847
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

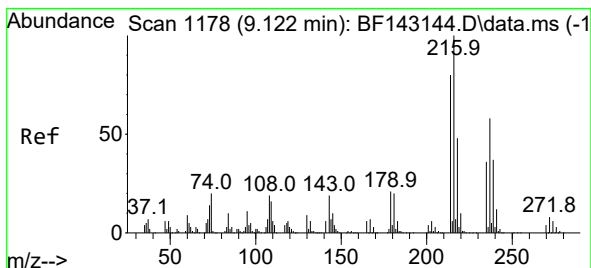
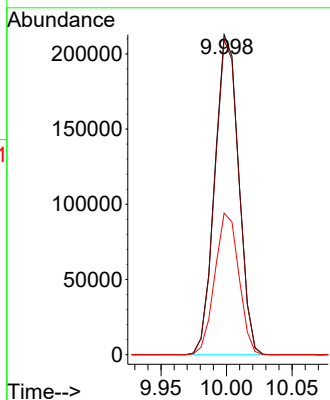
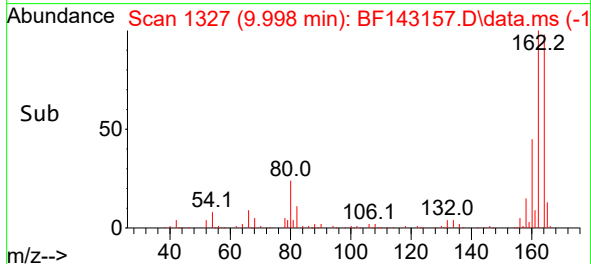
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



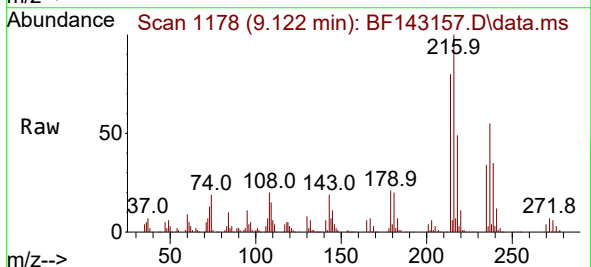
Tgt Ion:164 Resp: 26967
Ion Ratio Lower Upper
164 100
162 98.4 79.0 118.6
160 44.3 35.1 52.7

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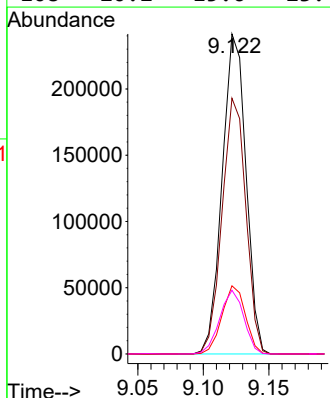
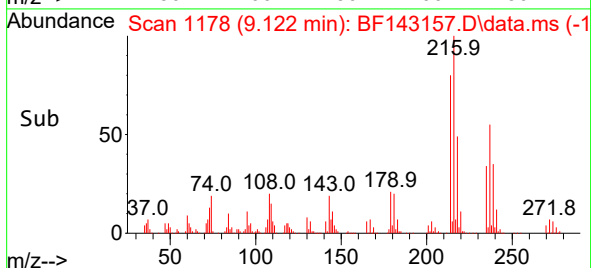
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

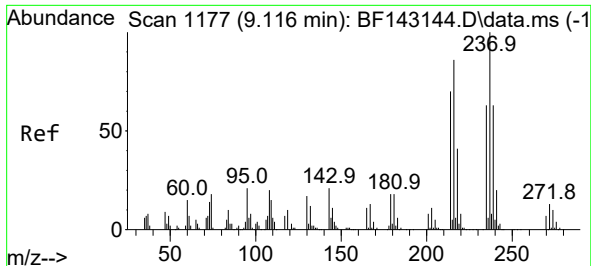


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.116 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



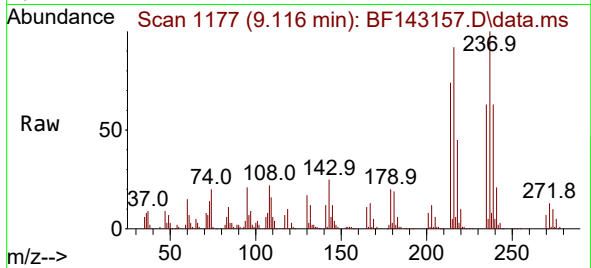
Tgt Ion:216 Resp: 304551
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 21.1 16.4 24.6
108 20.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 40.834 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

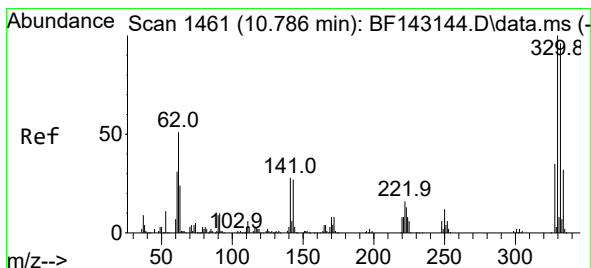
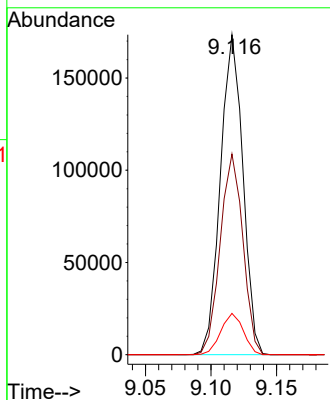
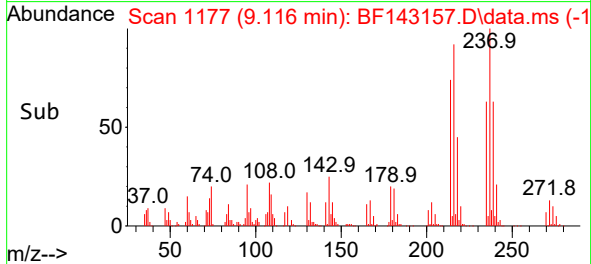
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



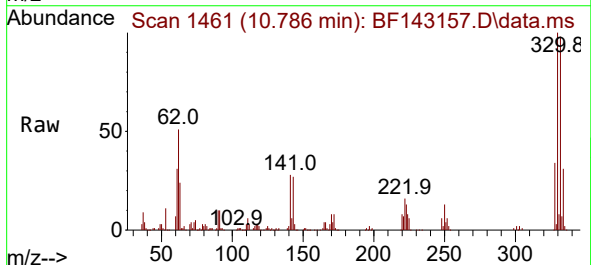
Tgt Ion:237 Resp: 20686
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 12.9 0.0 33.3

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APPROVED

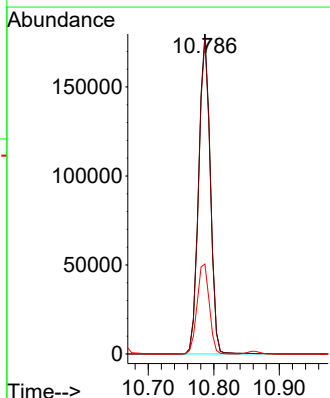
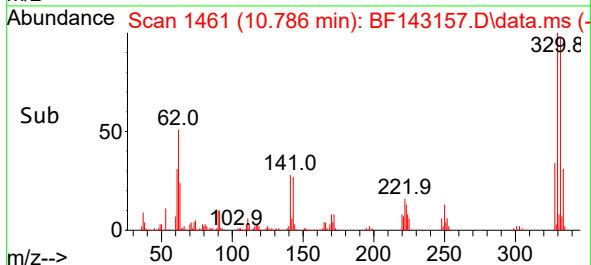
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

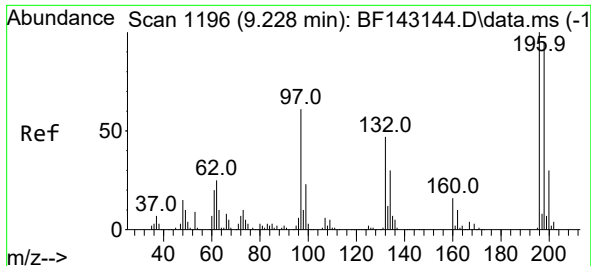


#42
2,4,6-Tribromophenol
Concen: 79.508 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



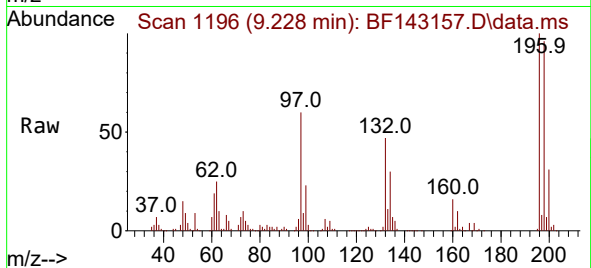
Tgt Ion:330 Resp: 221500
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 29.5 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 38.954 ng
RT: 9.228 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

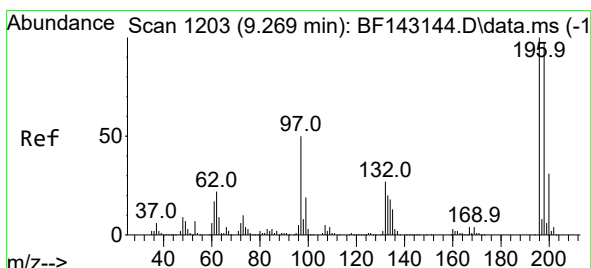
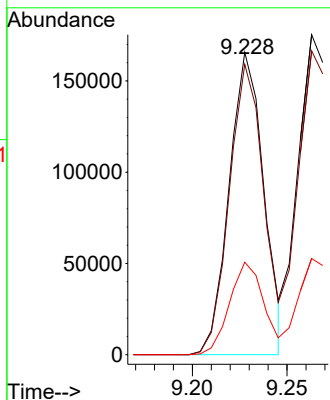
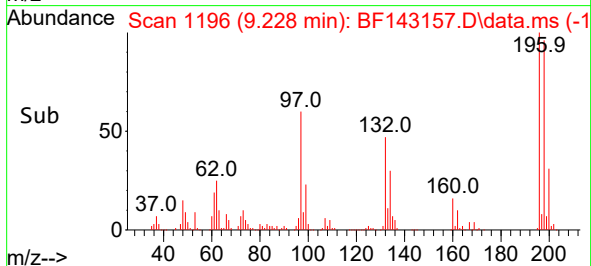
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



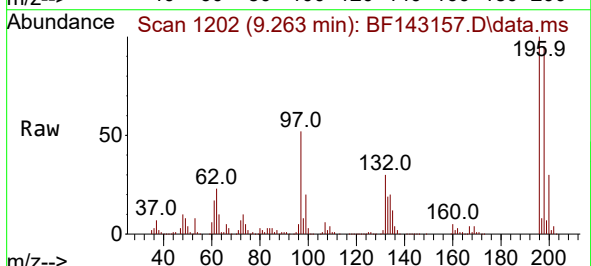
Tgt Ion:196 Resp: 209902
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.2
200 30.6 23.9 35.9

Manual Integrations
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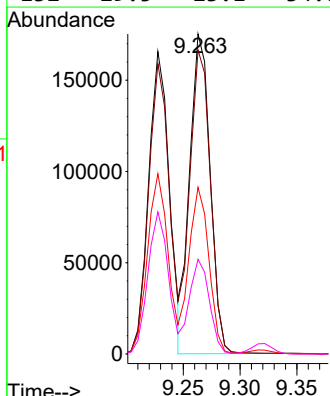
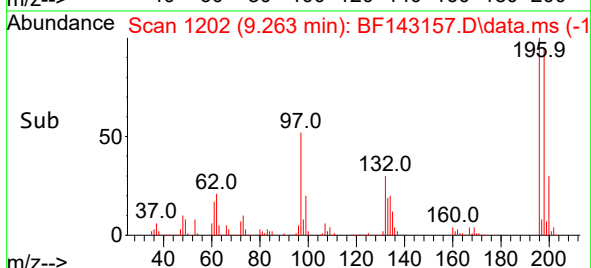
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

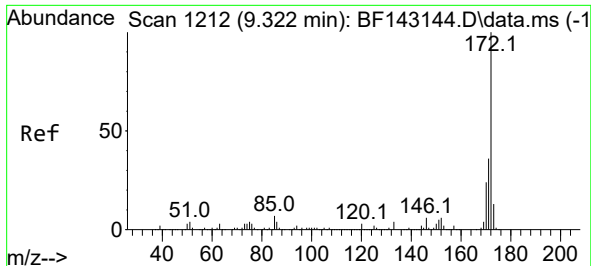


#44
2,4,5-Trichlorophenol
Concen: 40.808 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



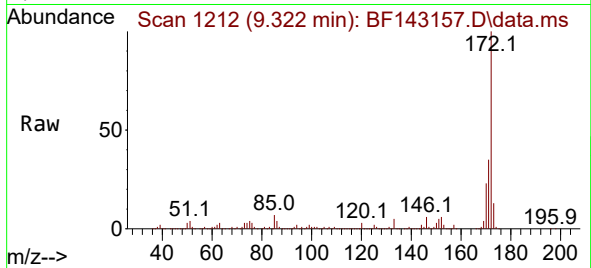
Tgt Ion:196 Resp: 219957
Ion Ratio Lower Upper
196 100
198 94.9 77.3 115.9
97 52.1 40.3 60.5
132 29.5 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 77.029 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

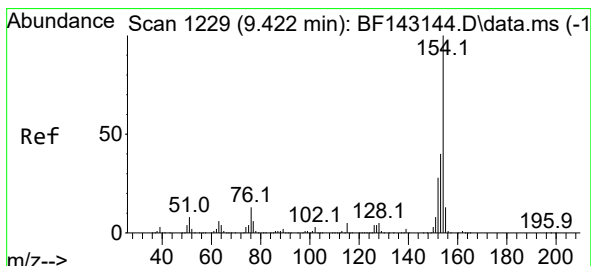
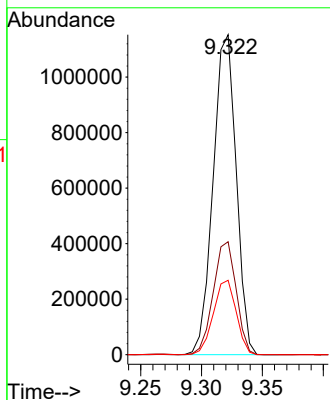
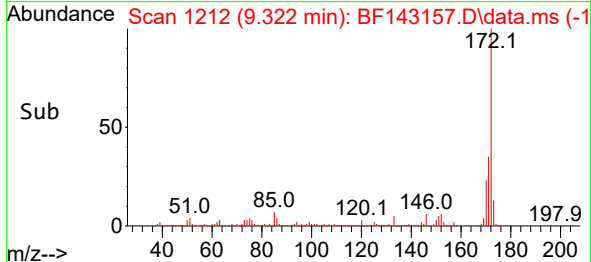
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



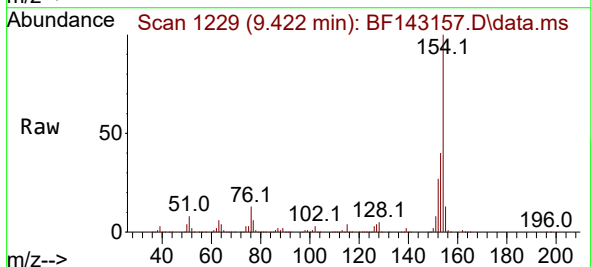
Tgt Ion:172 Resp: 1518879
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 18.8 28.2

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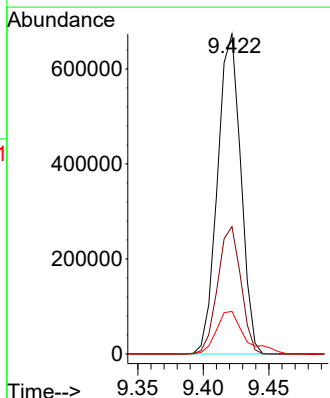
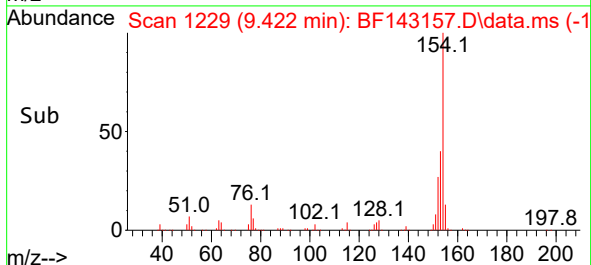
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

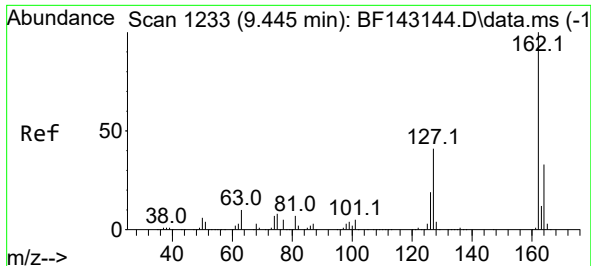


#46
1,1'-Biphenyl
Concen: 39.502 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:154 Resp: 831115
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.970 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143157.D

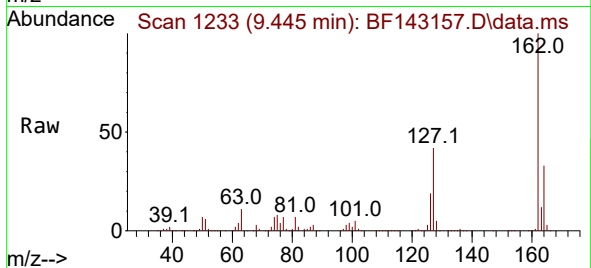
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:162 Resp: 60668

Ion Ratio Lower Upper

162 100

127 41.7 33.4 50.2

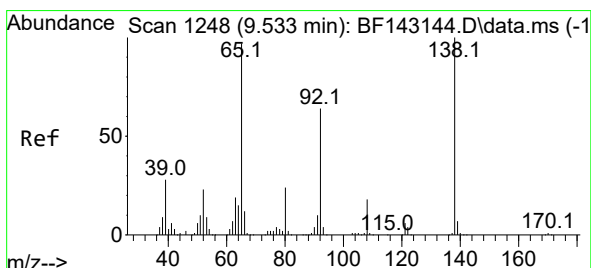
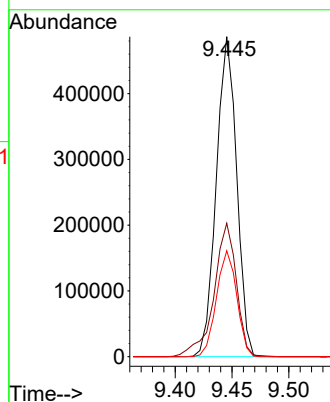
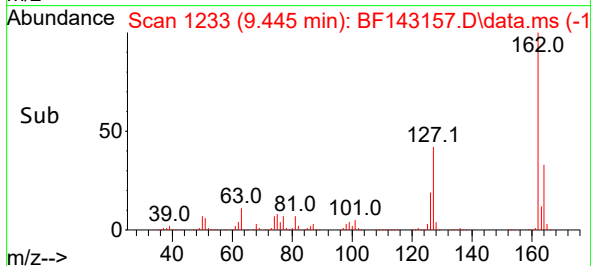
164 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 42.151 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

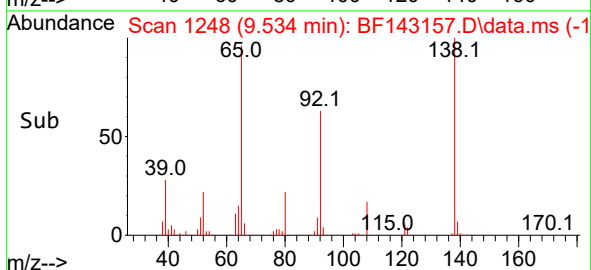
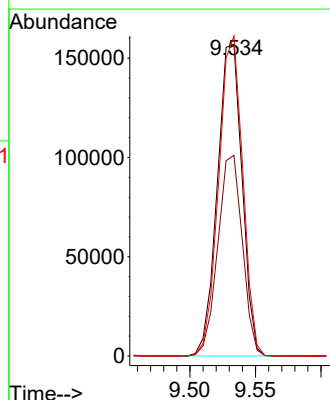
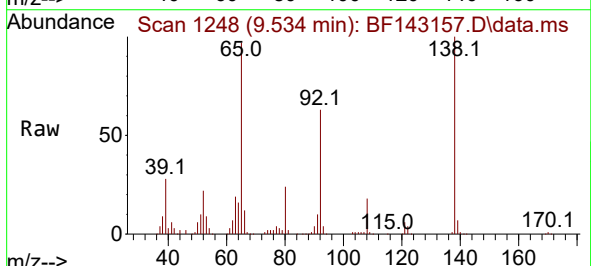
Tgt Ion: 65 Resp: 205784

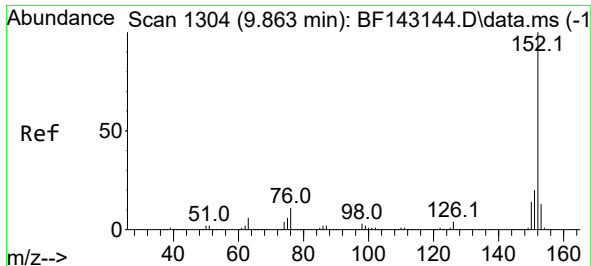
Ion Ratio Lower Upper

65 100

92 64.3 52.4 78.6

138 102.6 82.3 123.5





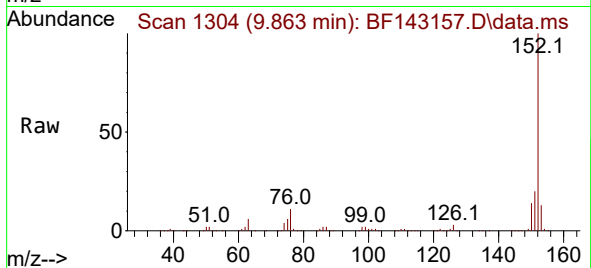
#49
Acenaphthylene
Concen: 39.148 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



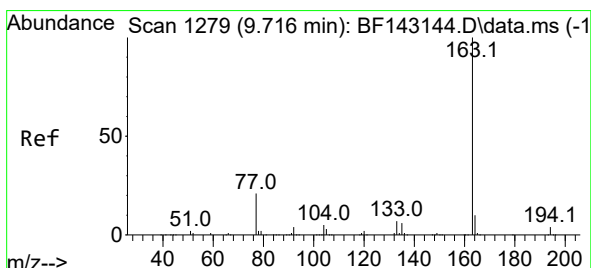
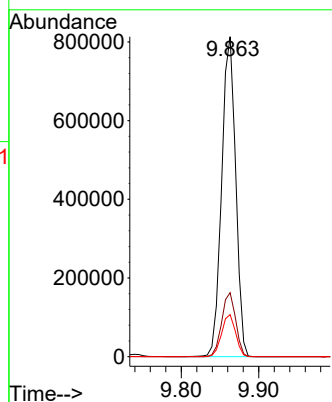
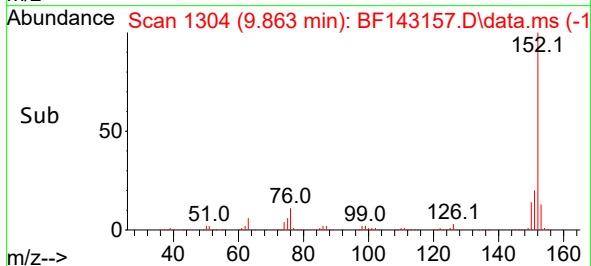
Tgt Ion:152 Resp: 102136
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.1 10.6 16.0

Manual Integrations

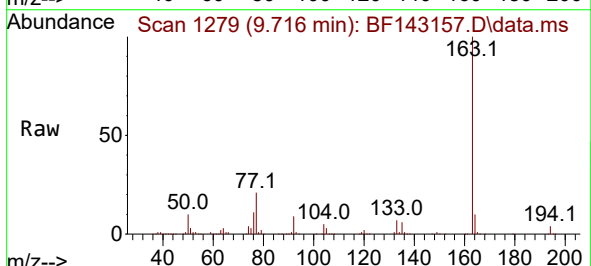
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

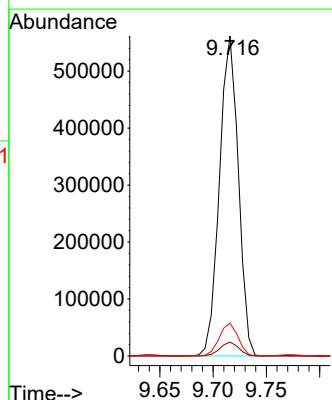
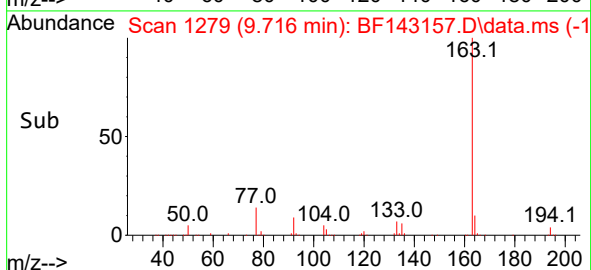
Supervised By :Jagrut Upadhyay 07/18/2025

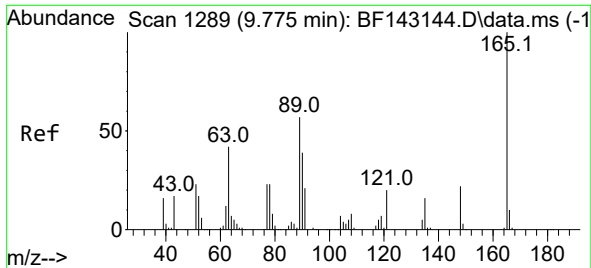


#50
Dimethylphthalate
Concen: 39.347 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:163 Resp: 691652
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.067 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

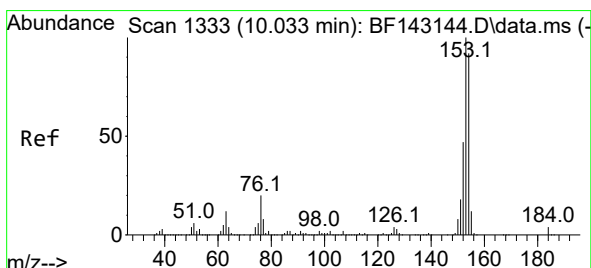
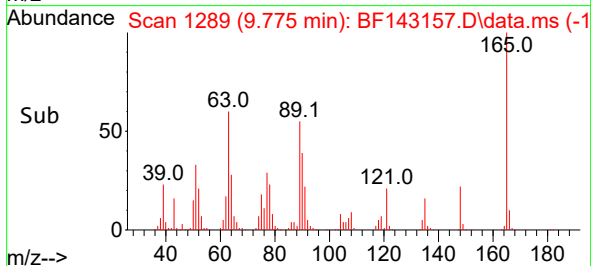
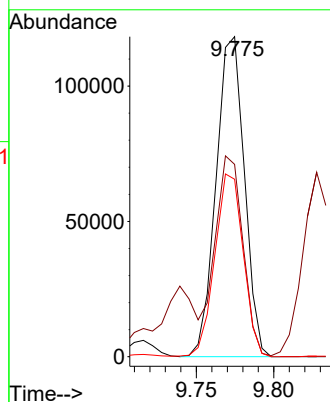
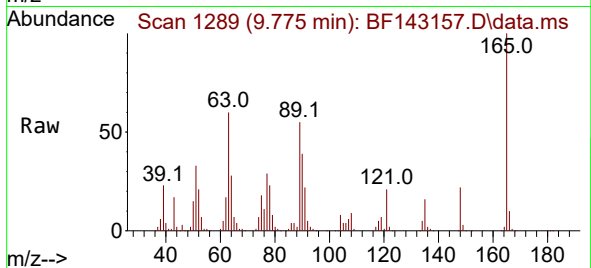
Tgt Ion:165 Resp: 150428
Ion Ratio Lower Upper
165 100
63 60.1 49.4 74.2
89 55.5 46.2 69.2

Manual Integrations

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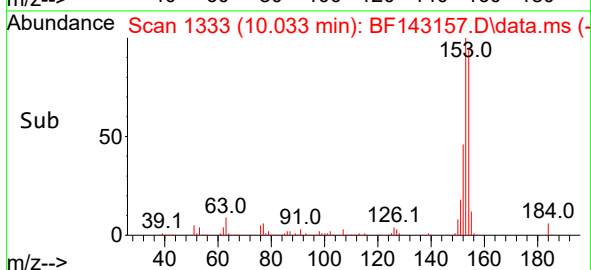
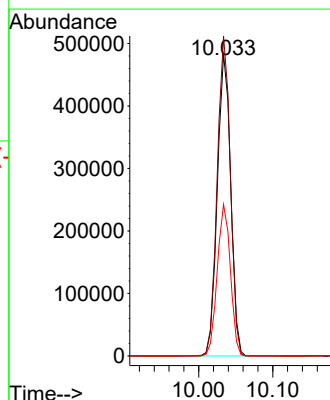
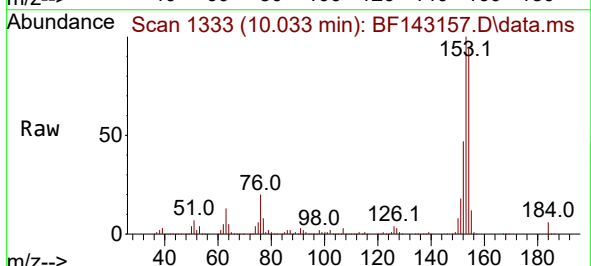
Reviewed By :Rahul Chavli 07/18/2025

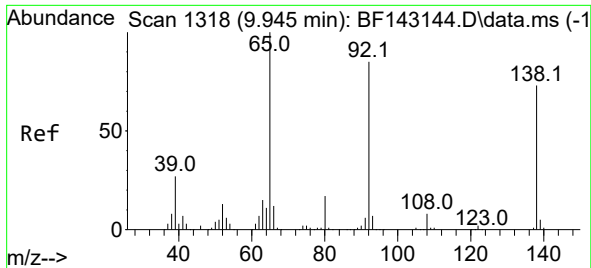
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 39.237 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Tgt Ion:154 Resp: 605034
Ion Ratio Lower Upper
154 100
153 106.0 86.6 129.8
152 50.2 40.4 60.6





#53
3-Nitroaniline
Concen: 40.028 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

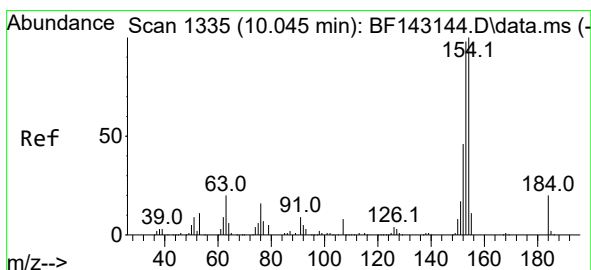
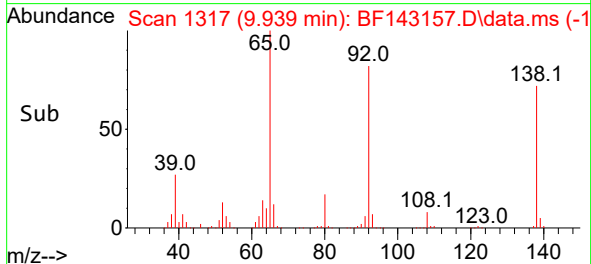
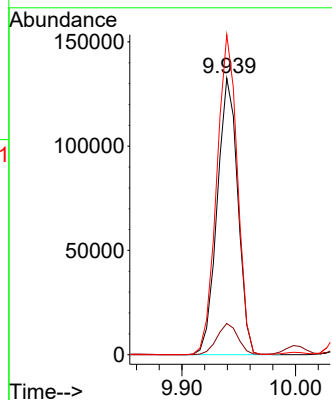
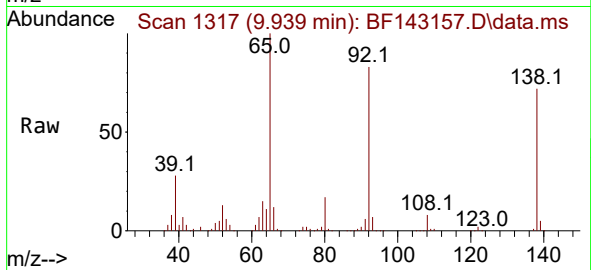
ClientSampleId :

SSTDCCC040EC

Tgt Ion:138 Resp: 167420
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 115.7 93.0 139.4

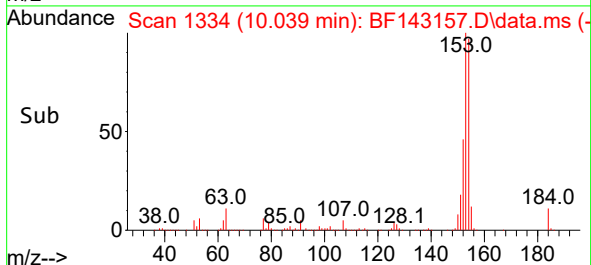
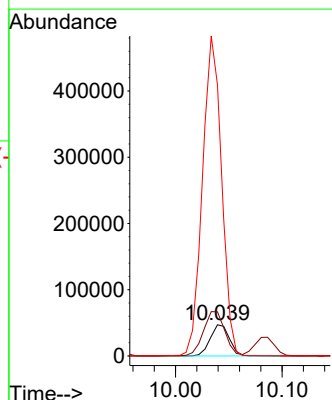
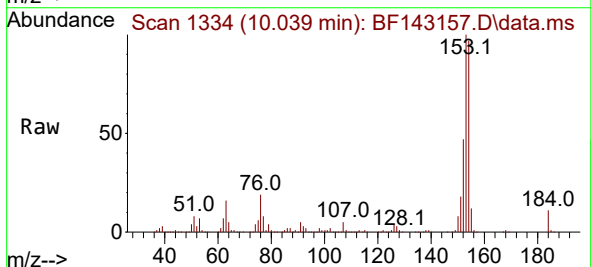
Manual Integrations
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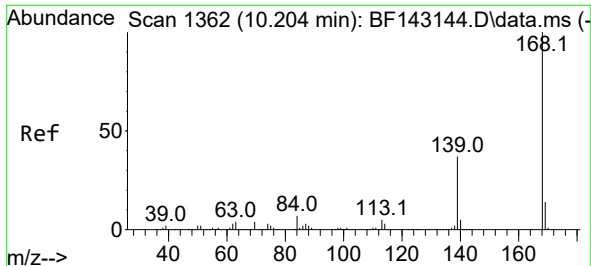
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 39.960 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

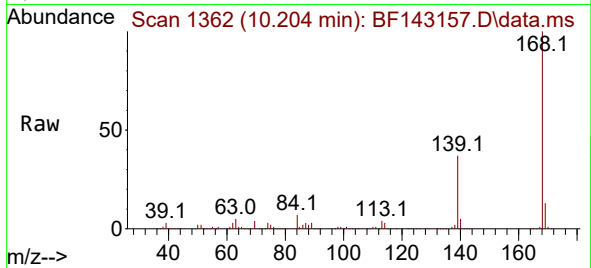
Tgt Ion:184 Resp: 58866
Ion Ratio Lower Upper
184 100
63 141.1 81.8 122.6#
154 866.7 412.2 618.4#





#55
Dibenzo-furan
Concen: 38.841 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

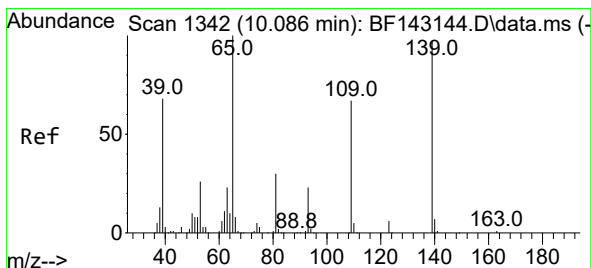
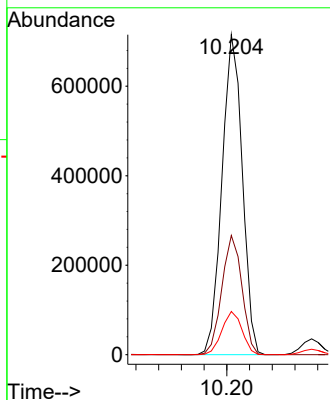
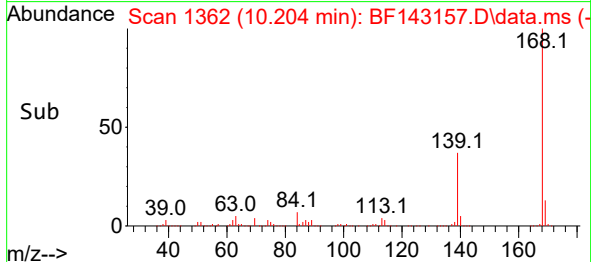
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



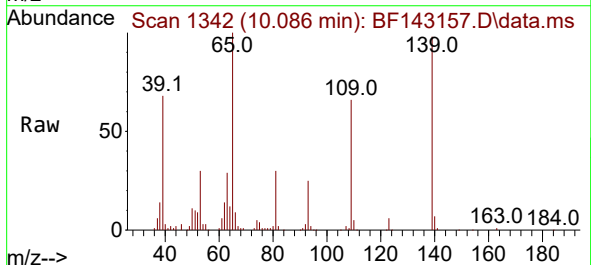
Tgt Ion:168 Resp: 88922
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.5 10.9 16.3

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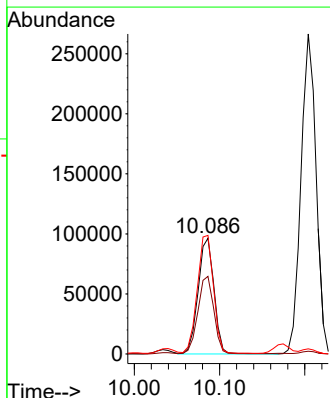
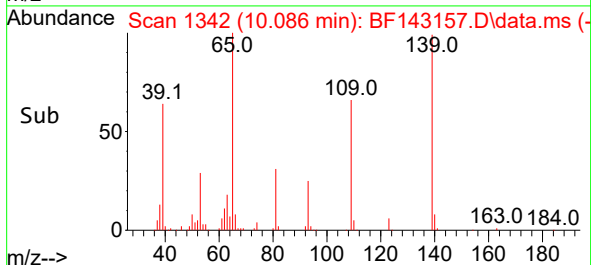
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

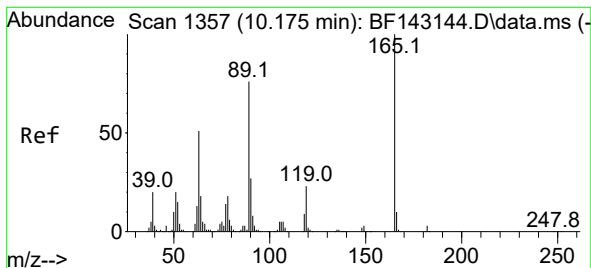


#56
4-Nitrophenol
Concen: 40.040 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



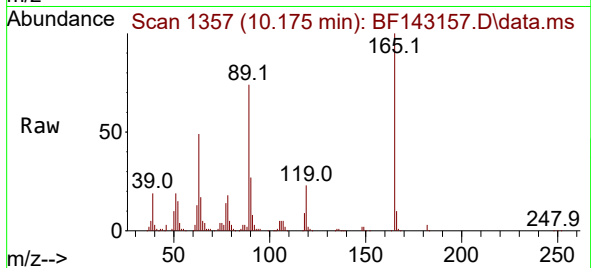
Tgt Ion:139 Resp: 125059
Ion Ratio Lower Upper
139 100
109 67.1 48.5 88.5
65 102.5 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 41.945 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

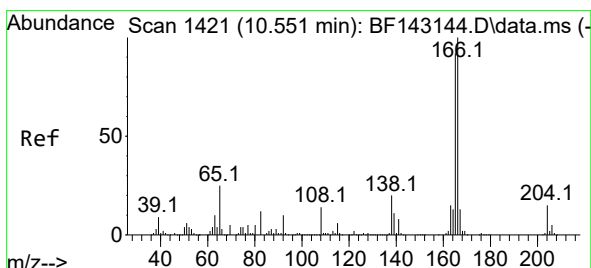
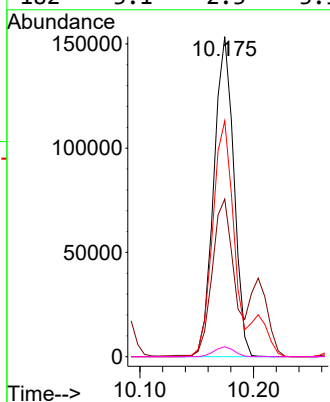
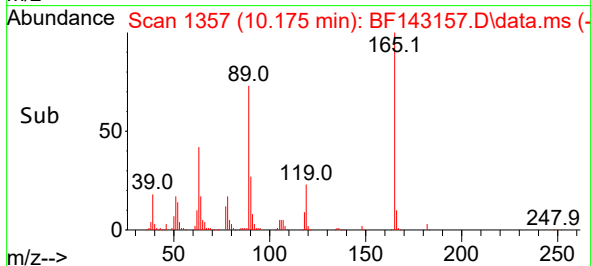
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



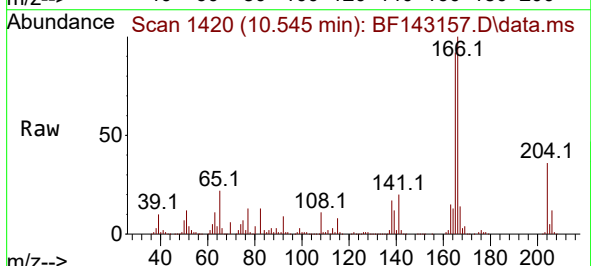
Tgt Ion:165 Resp: 18818
Ion Ratio Lower Upper
165 100
63 49.3 41.0 61.4
89 73.7 61.1 91.7
182 3.1 2.3 3.5

Manual Integrations
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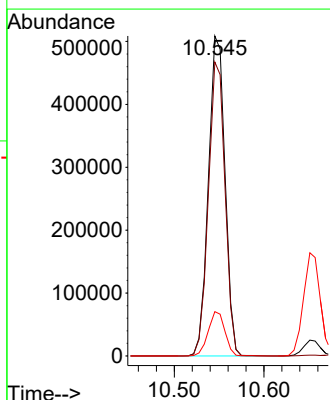
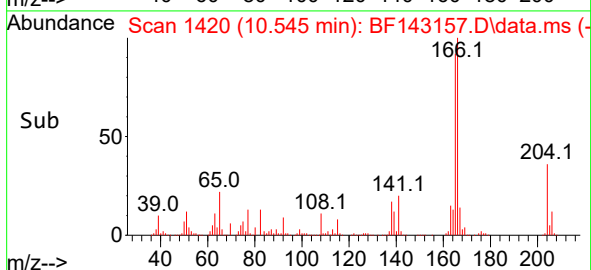
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

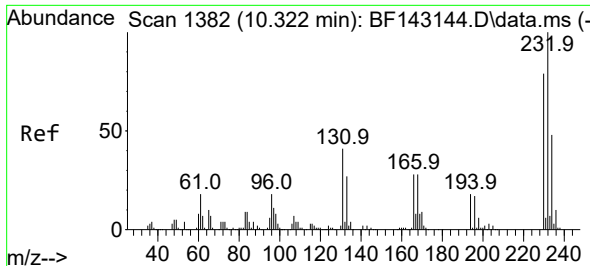


#58
Fluorene
Concen: 38.045 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:166 Resp: 653713
Ion Ratio Lower Upper
166 100
165 91.8 73.7 110.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.875 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

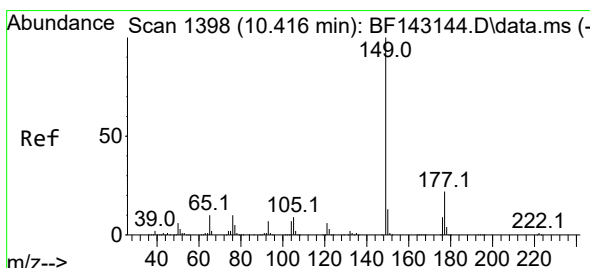
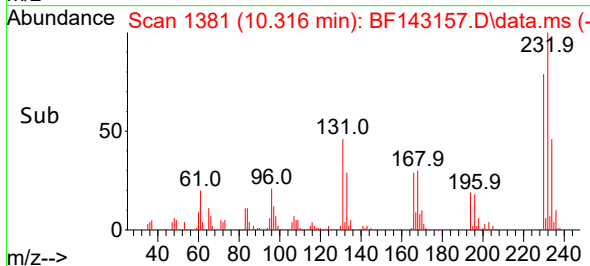
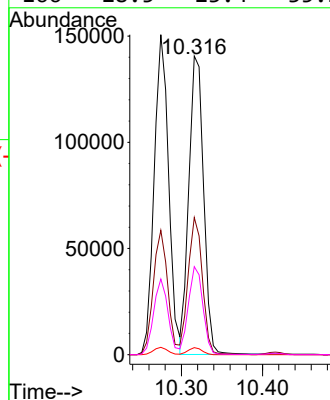
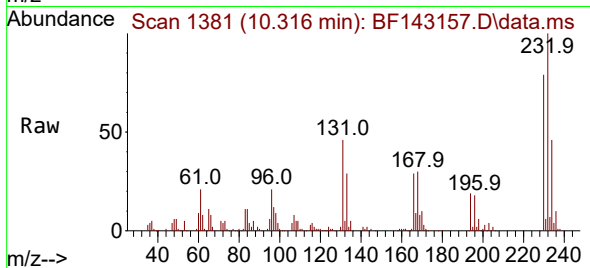
Tgt Ion:232 Resp: 178038
Ion Ratio Lower Upper
232 100
131 44.3 35.3 52.9
130 2.2 1.7 2.5
166 28.5 23.4 35.2

Manual Integrations

APPROVED

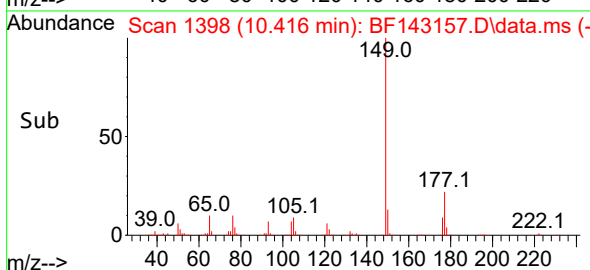
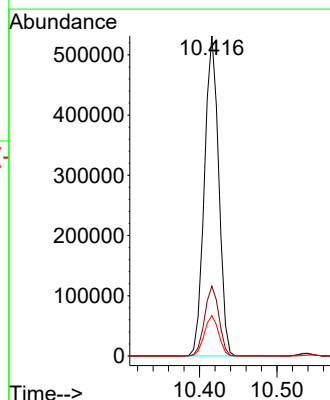
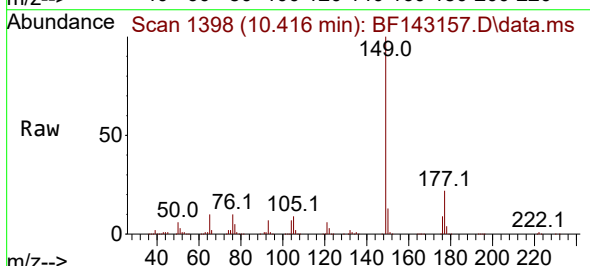
Reviewed By :Rahul Chavli 07/18/2025

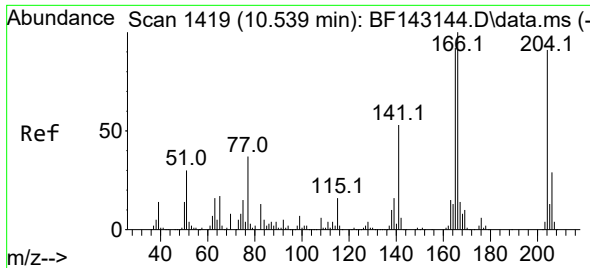
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 39.088 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

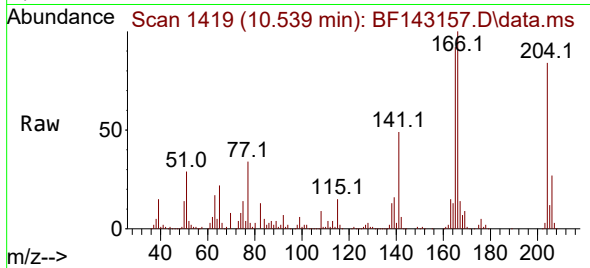
Tgt Ion:149 Resp: 679129
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.975 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

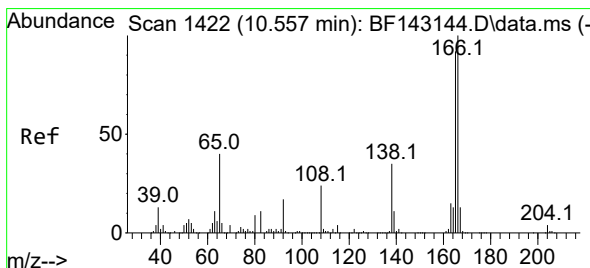
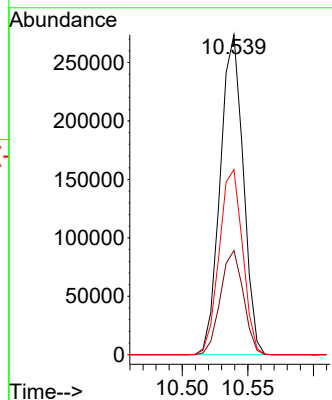
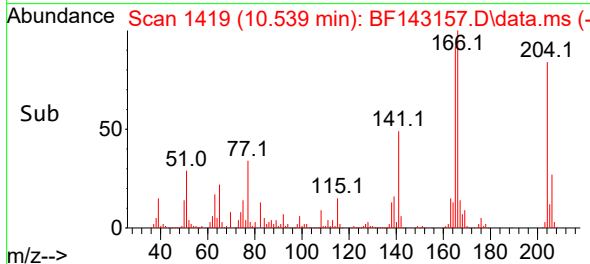
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



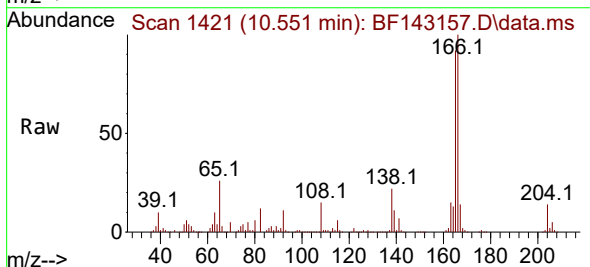
Tgt Ion:204 Resp: 33346
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.8 47.0 70.4

Manual Integrations
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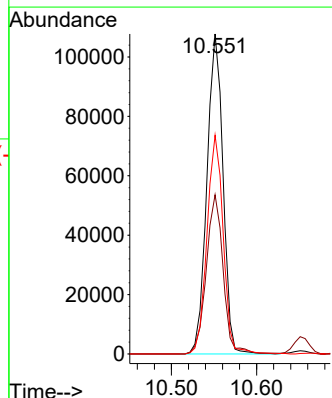
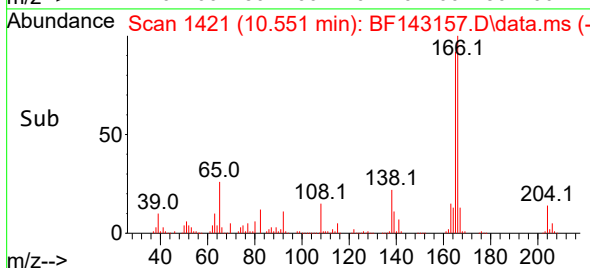
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

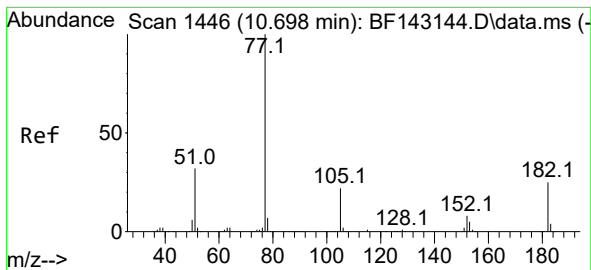


#62
4-Nitroaniline
Concen: 39.478 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



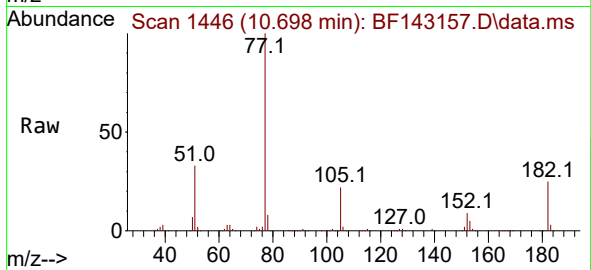
Tgt Ion:138 Resp: 141515
Ion Ratio Lower Upper
138 100
92 49.7 29.3 69.3
108 68.4 48.3 88.3





#63
Azobenzene
Concen: 38.986 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

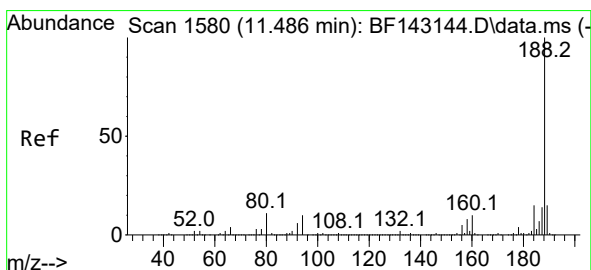
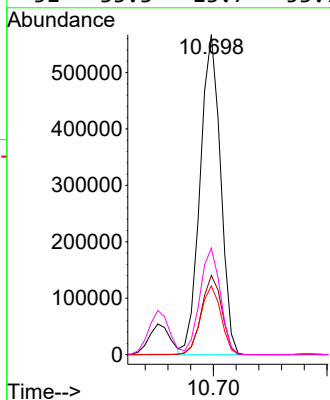
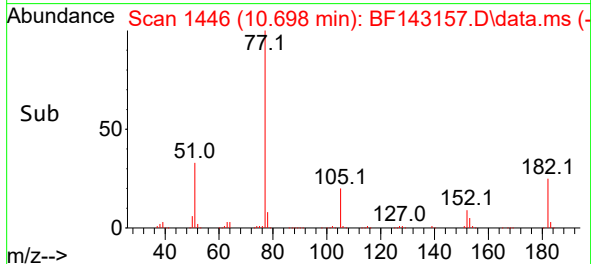
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



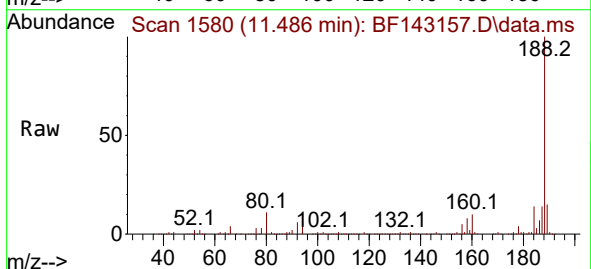
Tgt Ion: 77 Resp: 705944
Ion Ratio Lower Upper
77 100
182 24.8 4.6 44.6
105 21.5 1.4 41.4
51 33.3 13.7 53.7

Manual Integrations
APPROVED

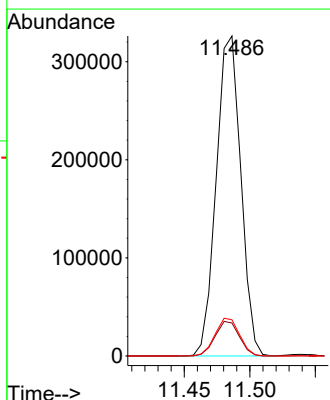
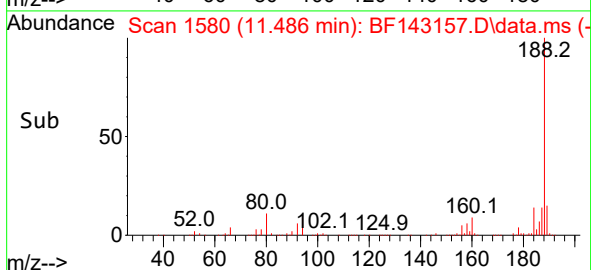
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

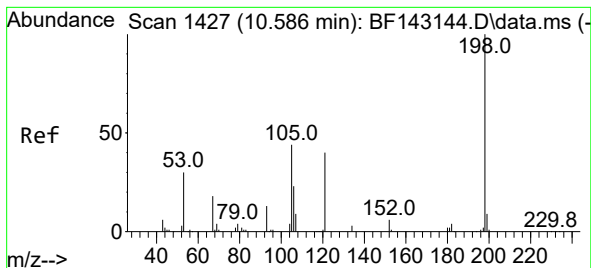


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:188 Resp: 425499
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.0 13.6





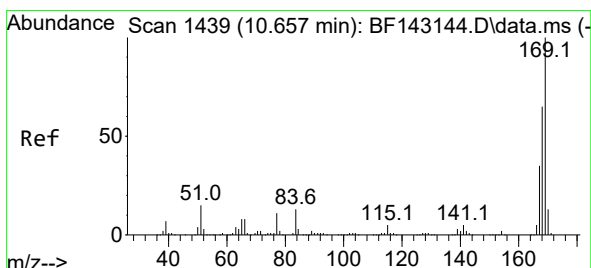
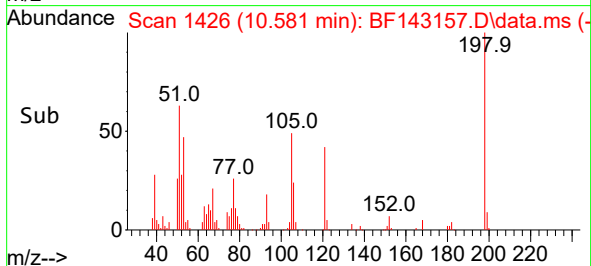
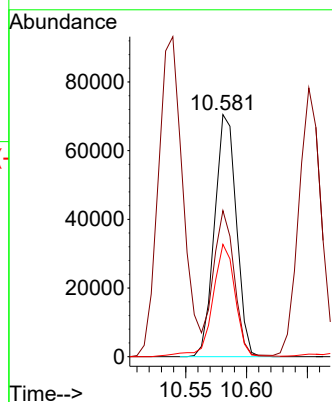
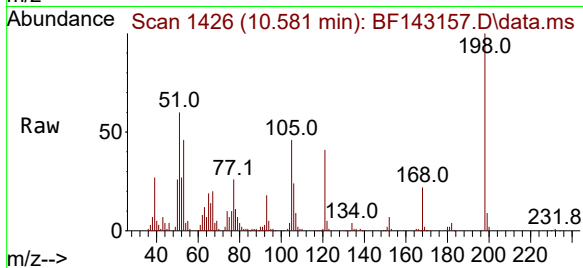
#65
4,6-Dinitro-2-methylphenol
Concen: 40.354 ng
RT: 10.581 min Scan# 1427
Delta R.T. -0.005 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 87840
Ion Ratio Lower Upper
198 100
51 60.4 37.2 77.2
105 46.4 24.8 64.8

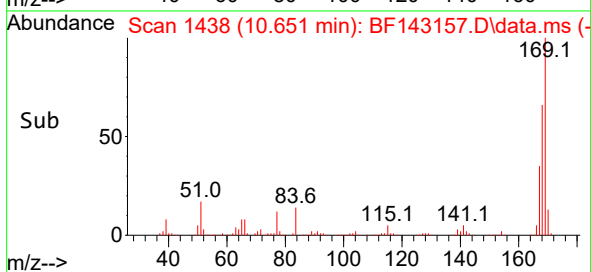
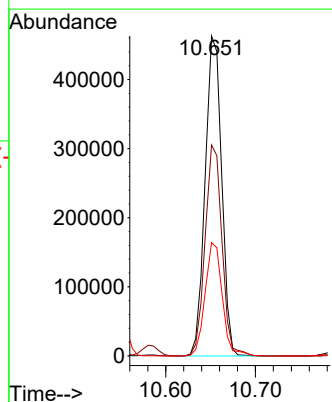
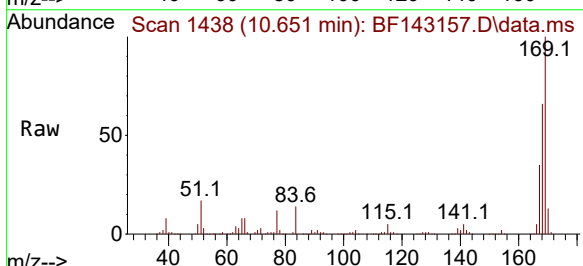
Manual Integrations
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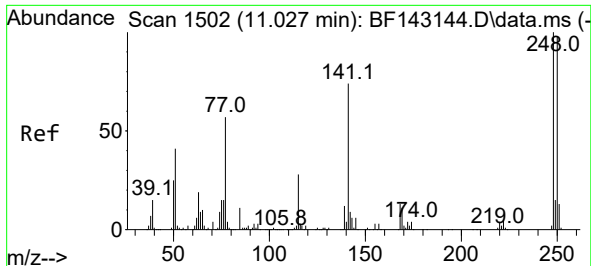
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 39.557 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

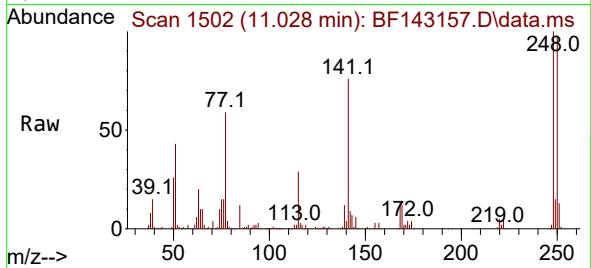
Tgt Ion:169 Resp: 592682
Ion Ratio Lower Upper
169 100
168 65.9 52.1 78.1
167 35.5 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 39.069 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

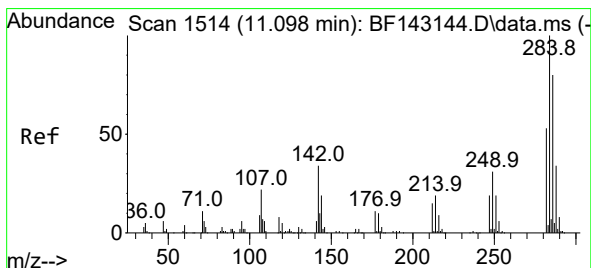
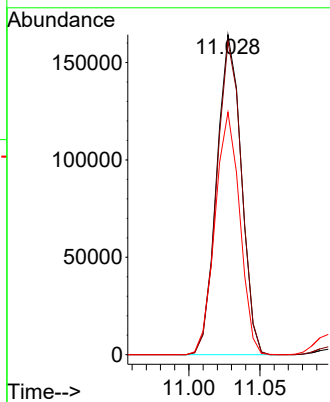
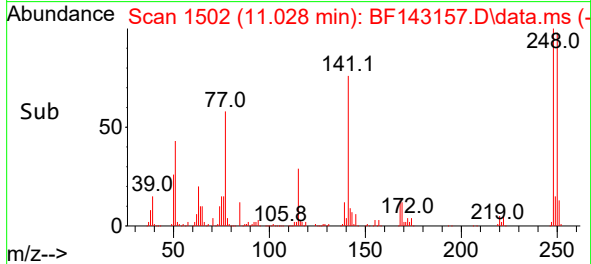
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



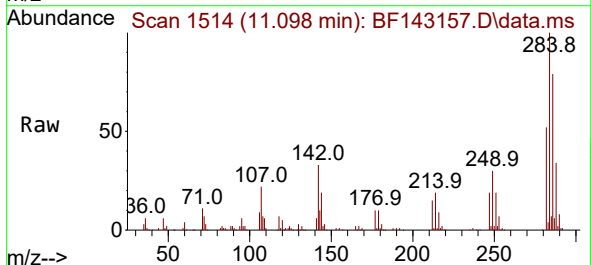
Tgt Ion:248 Resp: 19811
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 75.7 59.2 88.8

Manual Integrations
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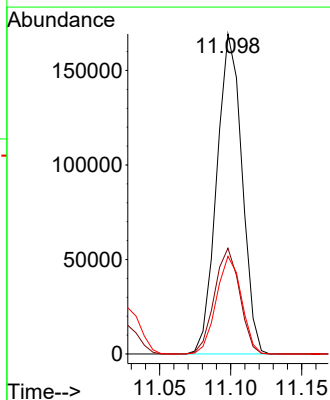
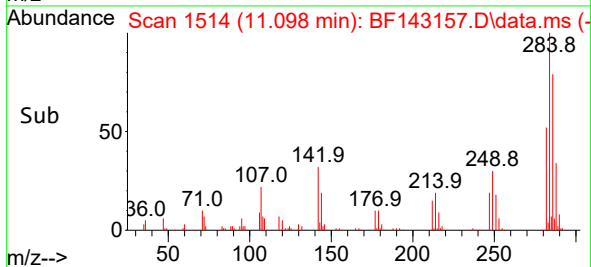
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

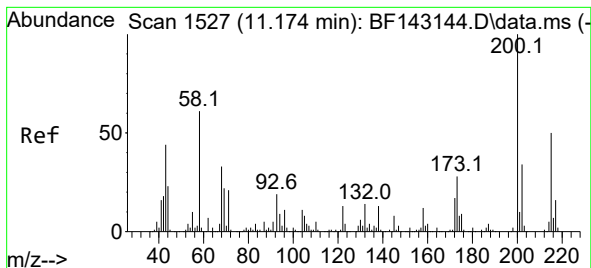


#68
Hexachlorobenzene
Concen: 39.472 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:284 Resp: 209203
Ion Ratio Lower Upper
284 100
142 33.1 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 40.279 ng

RT: 11.175 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 166380

Ion Ratio Lower Upper

200 100

173 27.3 7.9 47.9

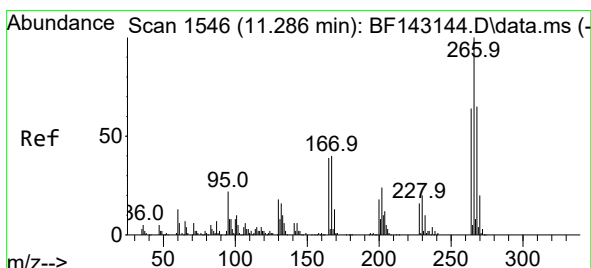
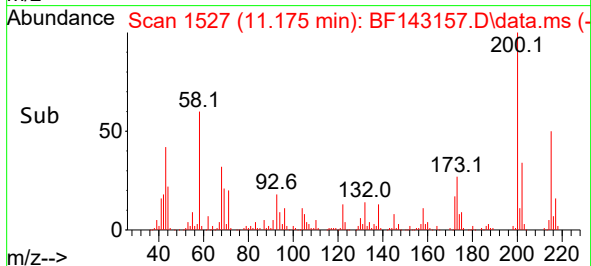
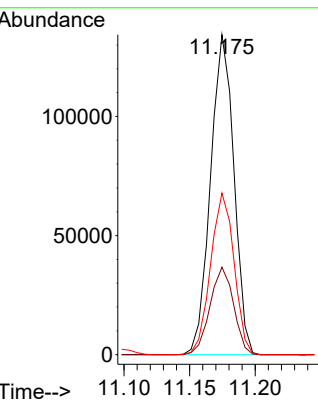
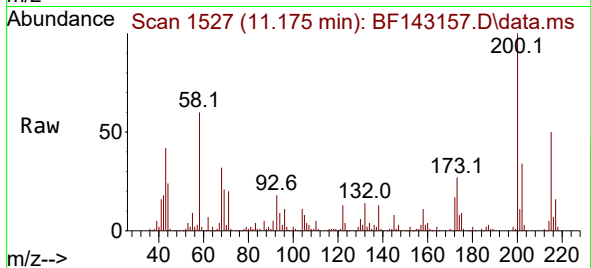
215 50.5 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 41.309 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

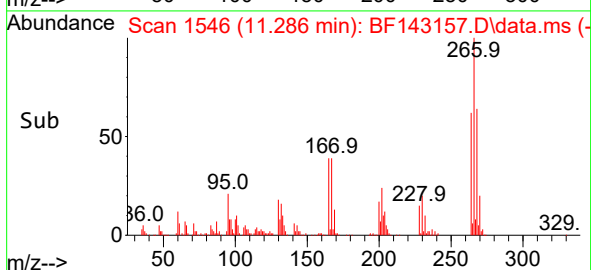
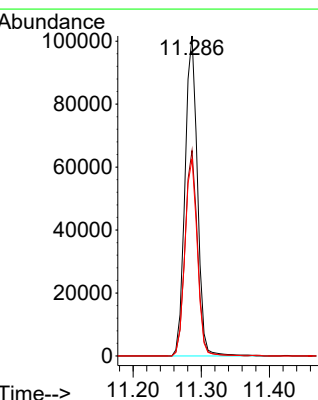
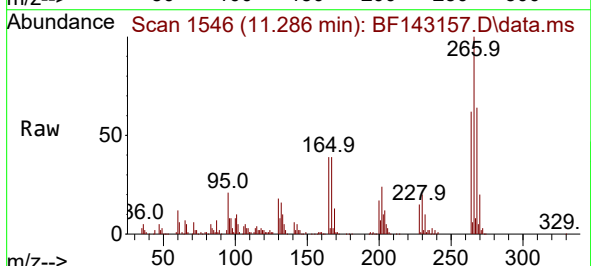
Tgt Ion:266 Resp: 128754

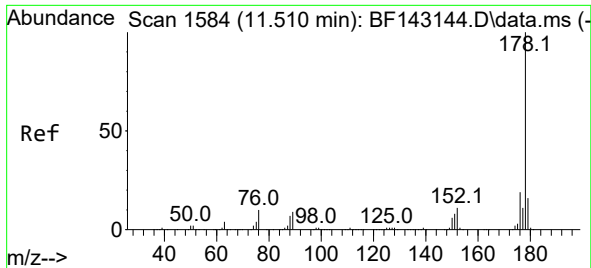
Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

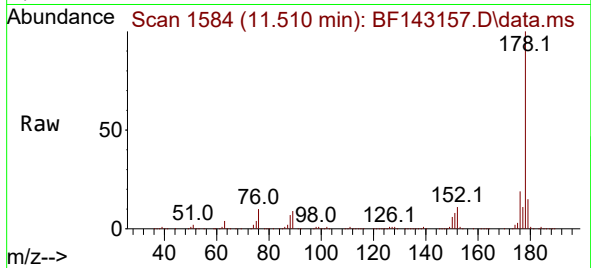
264 61.6 51.0 76.6





#71
Phenanthrene
Concen: 39.066 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

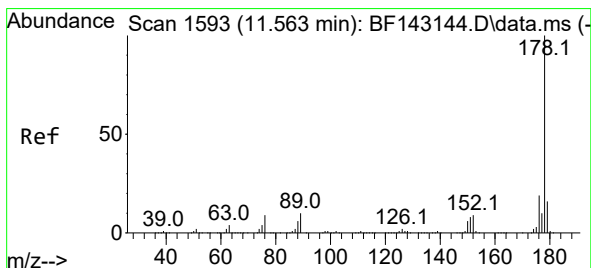
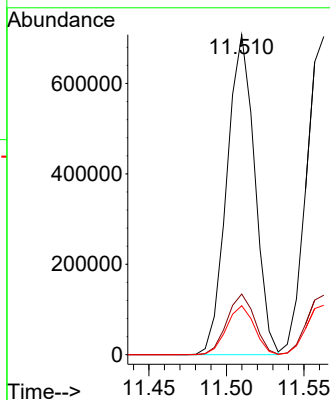
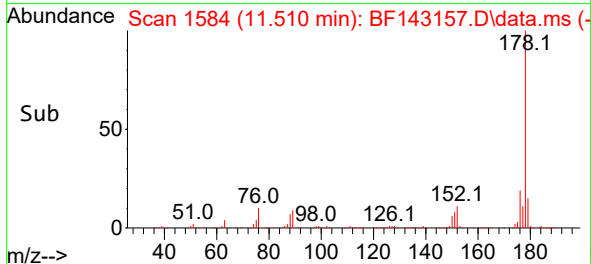
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



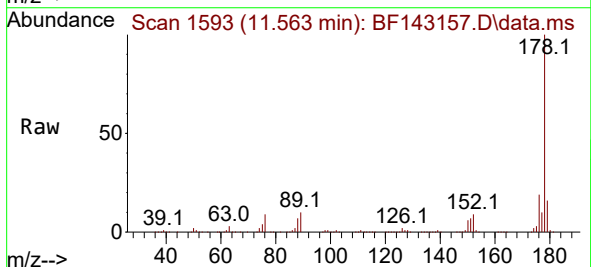
Tgt Ion:178 Resp: 882612
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.5 18.7

Manual Integrations
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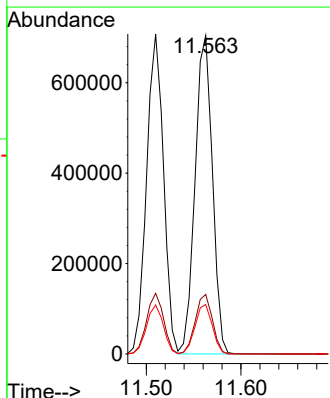
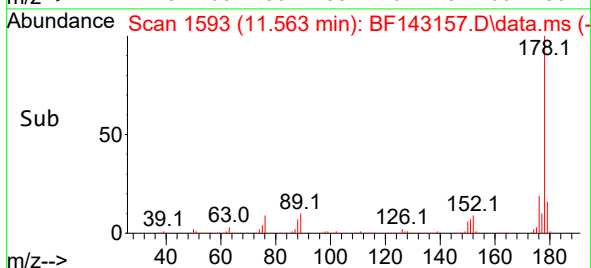
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

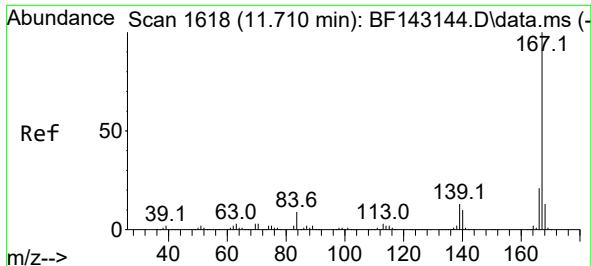


#72
Anthracene
Concen: 38.898 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



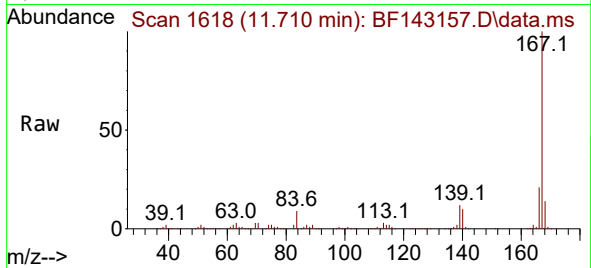
Tgt Ion:178 Resp: 896290
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 39.121 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37

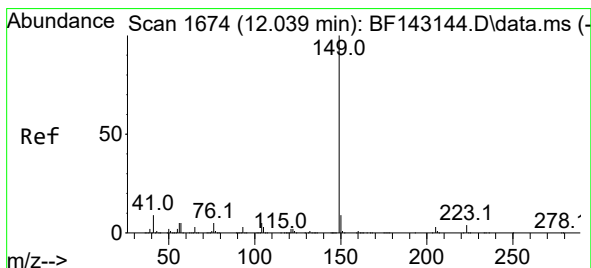
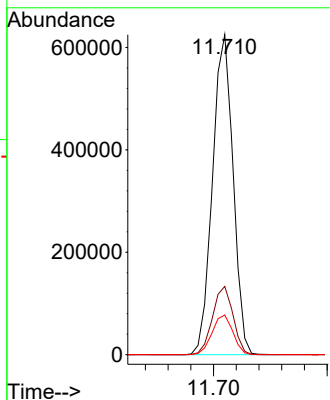
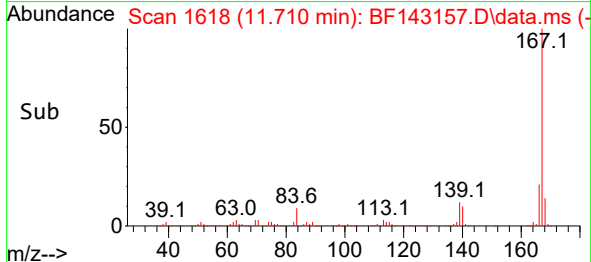
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



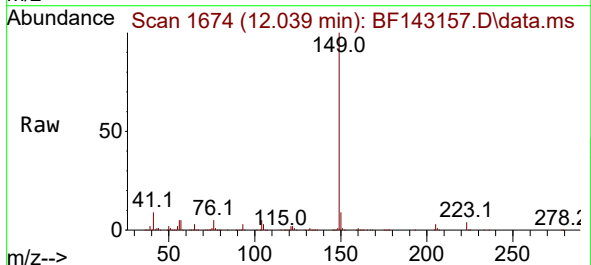
Tgt Ion:167 Resp: 787128
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.4 10.0 15.0

Manual Integrations
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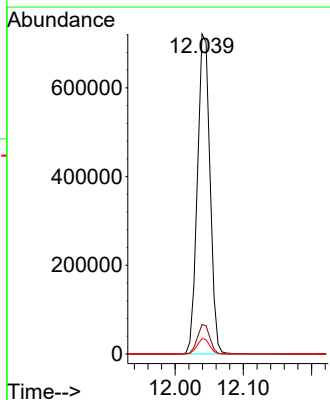
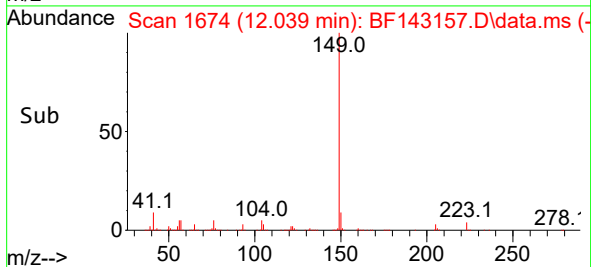
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

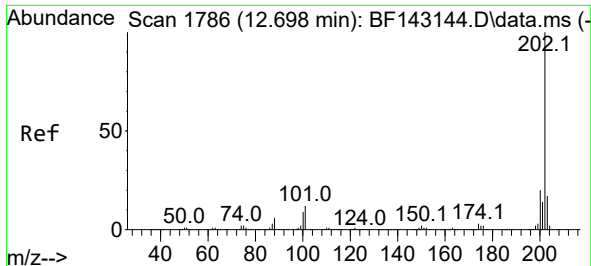


#74
 Di-n-butylphthalate
 Concen: 40.539 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37



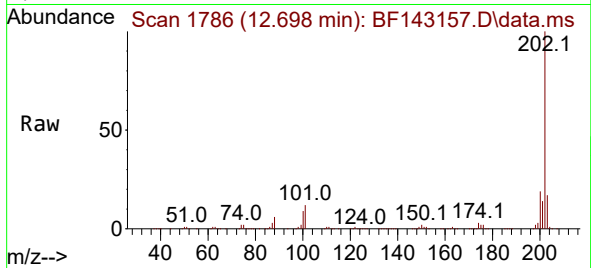
Tgt Ion:149 Resp: 922904
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 39.910 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

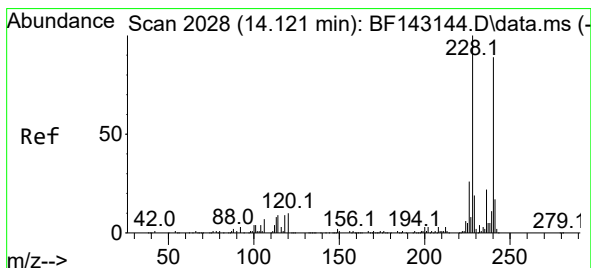
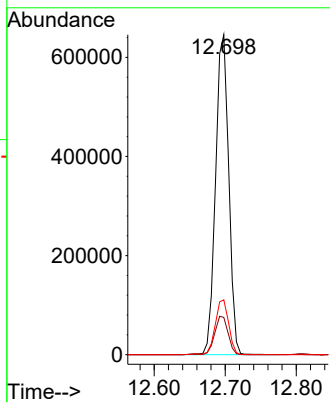
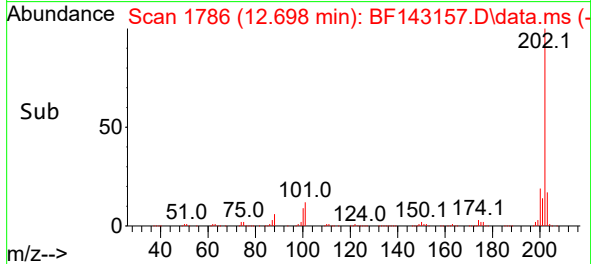
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



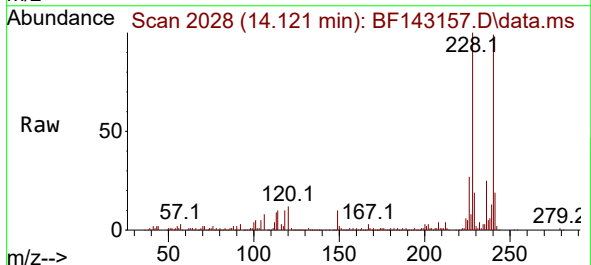
Tgt Ion:202 Resp: 827620
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.2 0.0 37.4

Manual Integrations
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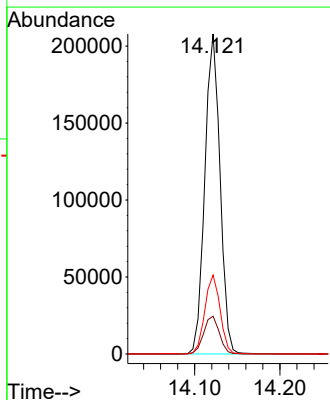
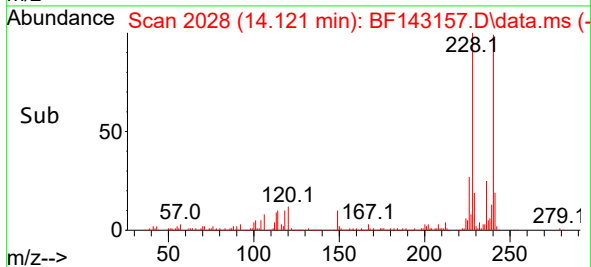
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

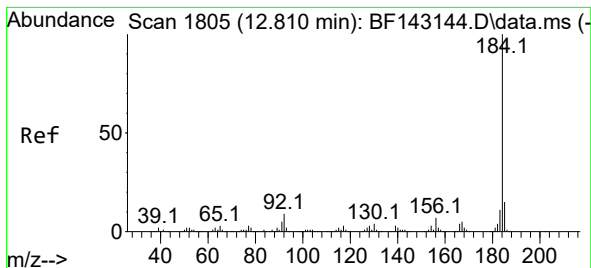


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:240 Resp: 257557
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 24.7 20.2 30.4





#77

Benzidine

Concen: 38.169 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

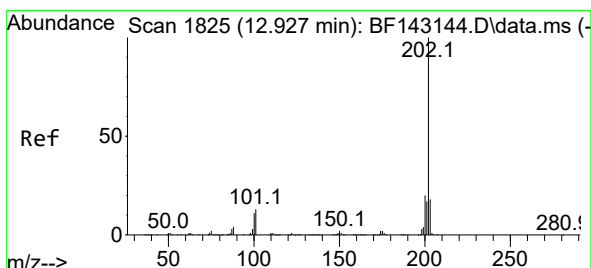
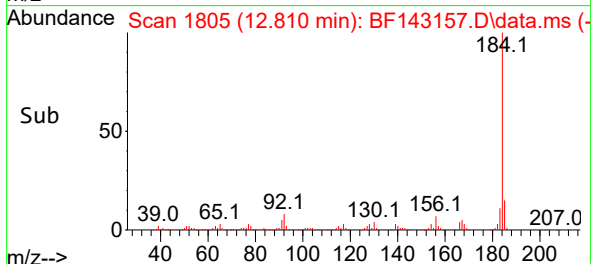
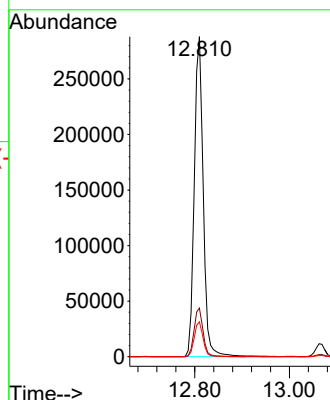
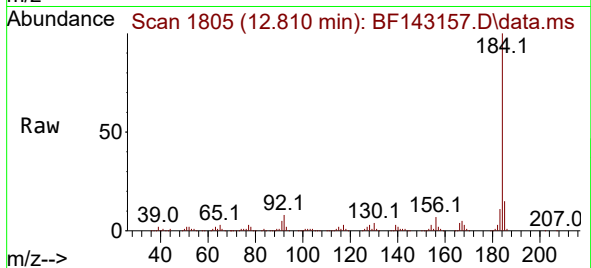
Tgt Ion:184 Resp: 37875
 Ion Ratio Lower Upper
 184 100
 185 15.2 12.2 18.4
 183 10.9 9.0 13.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#78

Pyrene

Concen: 37.150 ng

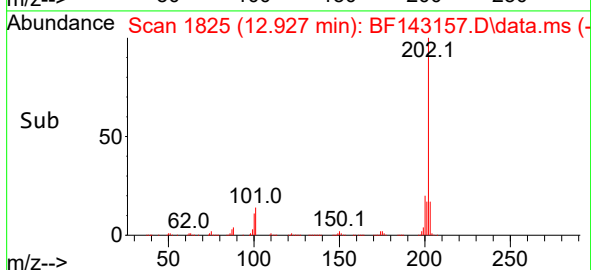
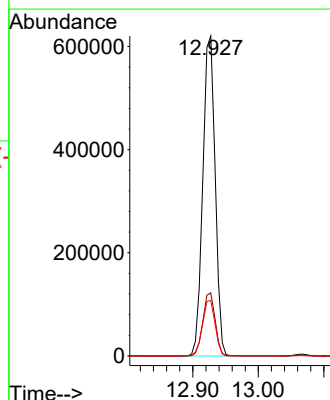
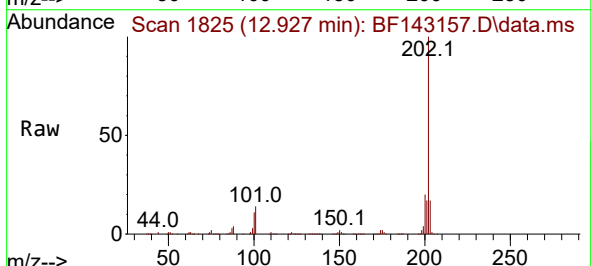
RT: 12.927 min Scan# 1825

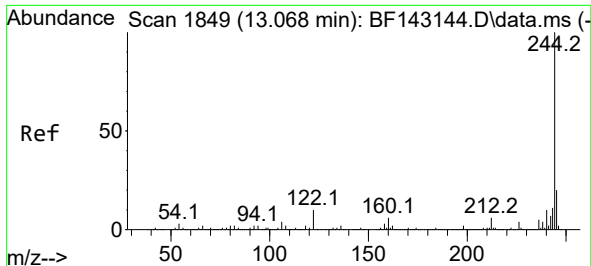
Delta R.T. 0.000 min

Lab File: BF143157.D

Acq: 17 Jul 2025 19:37

Tgt Ion:202 Resp: 816607
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.7 23.5
 203 17.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 73.478 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

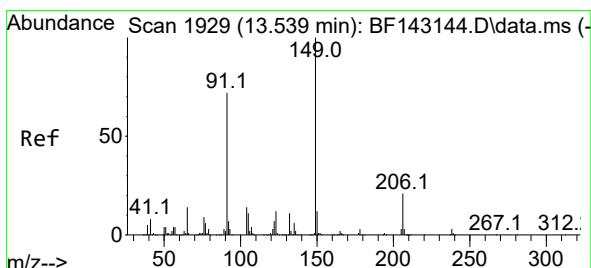
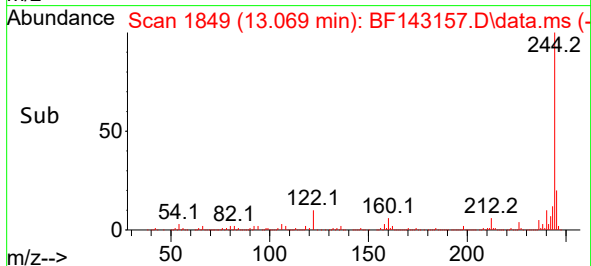
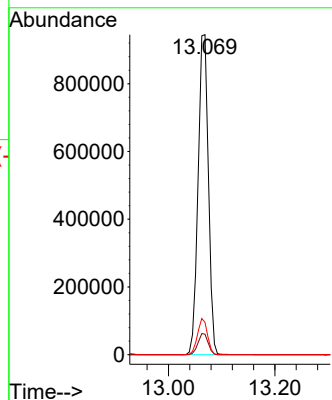
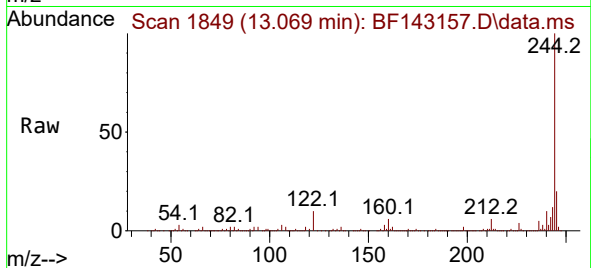
SSTDCCC040EC

Tgt Ion:244 Resp: 127173
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.1 8.2 12.2

Manual Integrations

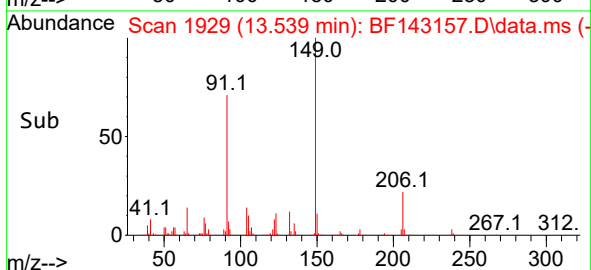
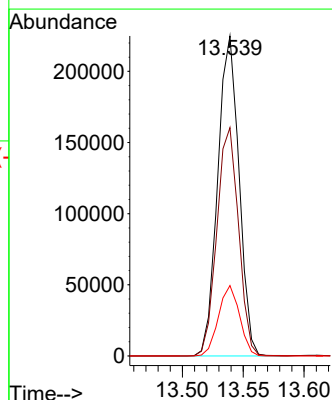
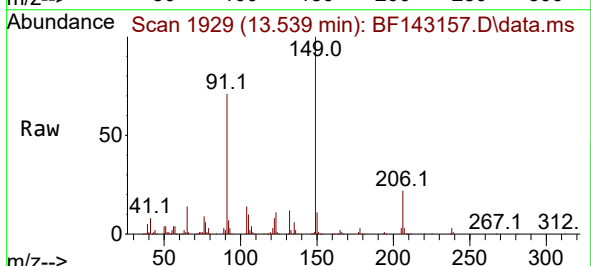
APPROVED

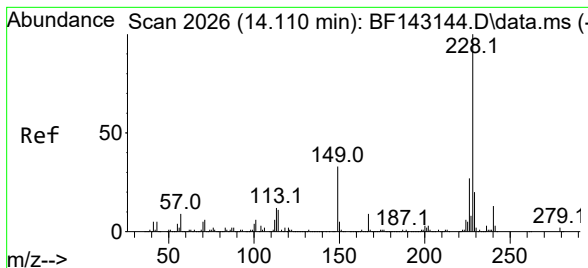
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#80
 Butylbenzylphthalate
 Concen: 40.736 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37

Tgt Ion:149 Resp: 274194
 Ion Ratio Lower Upper
 149 100
 91 71.3 57.9 86.9
 206 22.0 17.0 25.4





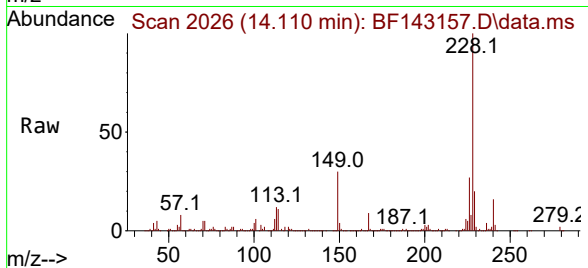
#81
Benzo(a)anthracene
Concen: 38.779 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



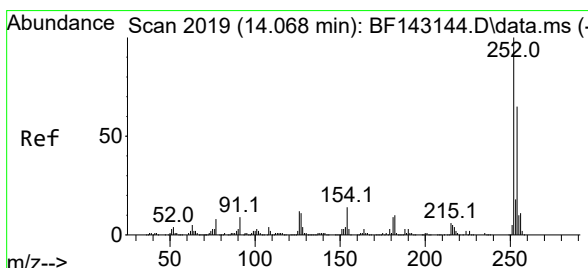
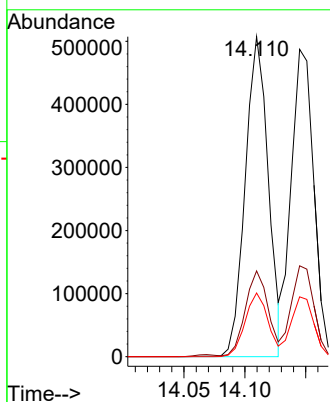
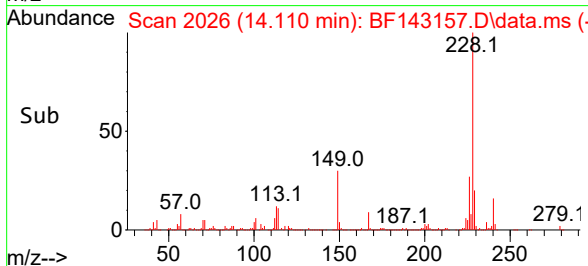
Tgt Ion:228 Resp: 66869
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.8 23.6

Manual Integrations

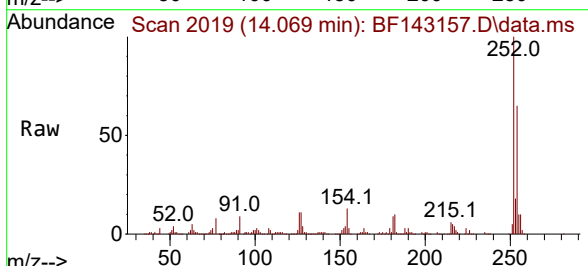
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

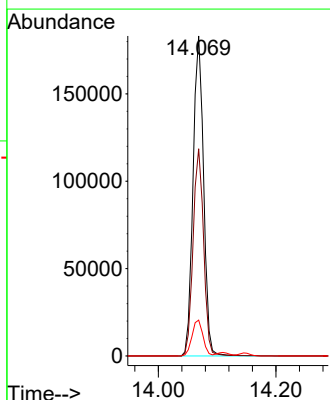
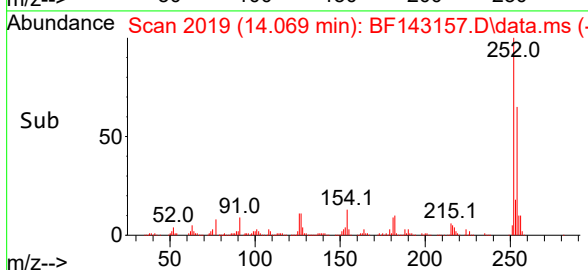
Supervised By :Jagrut Upadhyay 07/18/2025

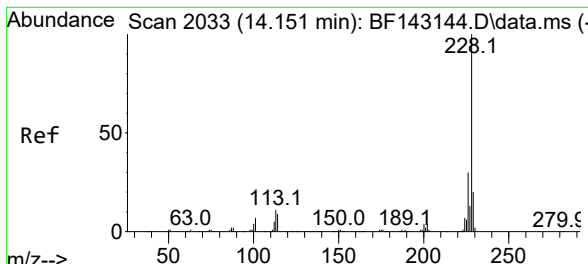


#82
3,3'-Dichlorobenzidine
Concen: 39.609 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:252 Resp: 227633
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 11.2 9.4 14.0





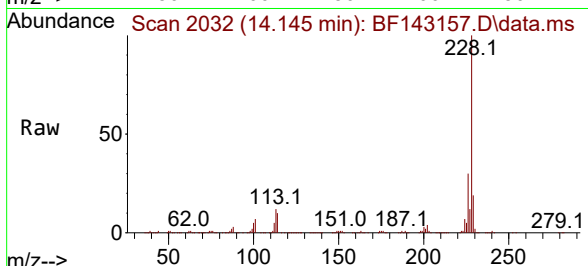
#83
Chrysene
Concen: 40.721 ng
RT: 14.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



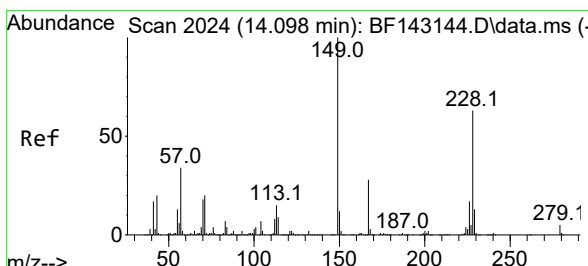
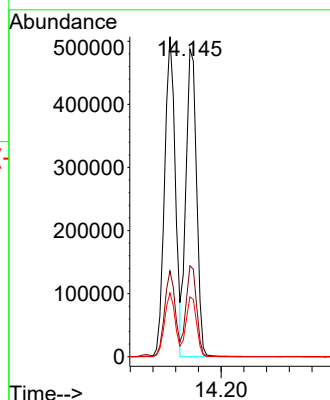
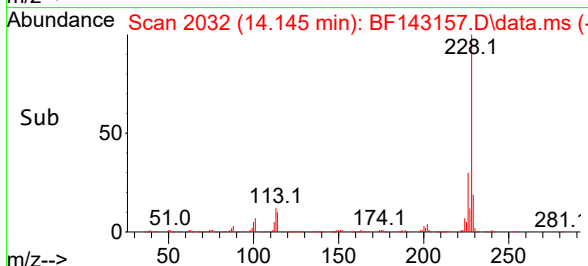
Tgt Ion:228 Resp: 631314
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.5 15.6 23.4

Manual Integrations

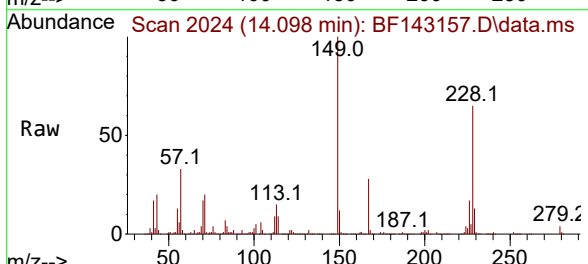
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

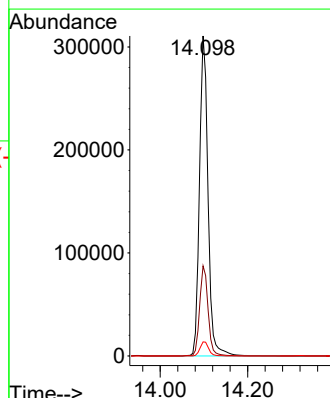
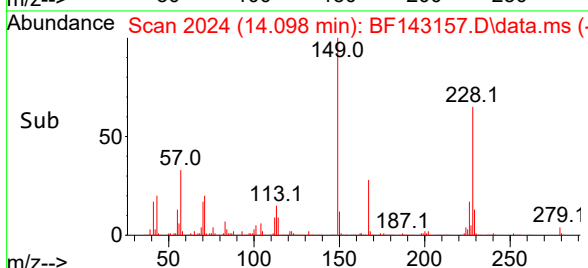
Supervised By :Jagrut Upadhyay 07/18/2025

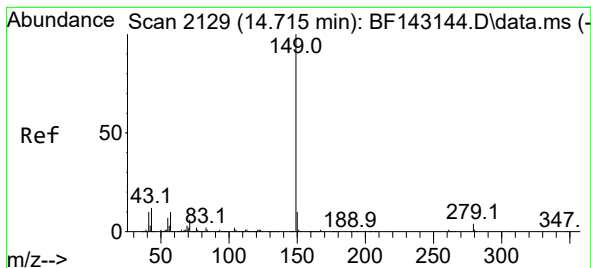


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.499 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



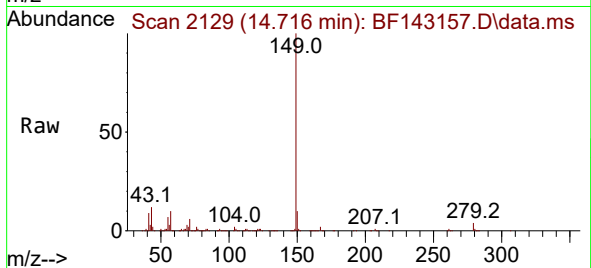
Tgt Ion:149 Resp: 422788
Ion Ratio Lower Upper
149 100
167 28.2 22.3 33.5
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 39.529 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

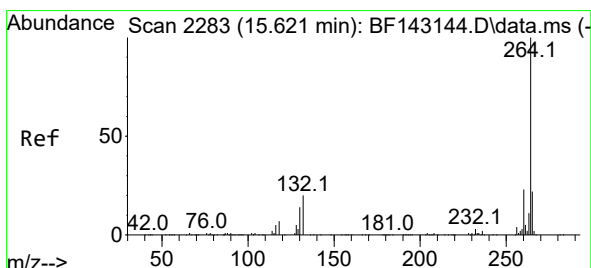
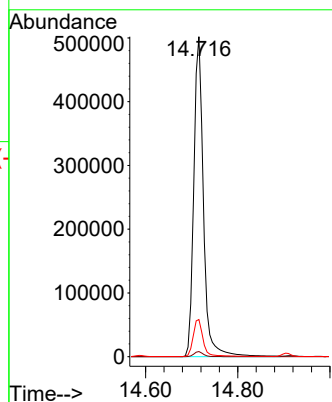
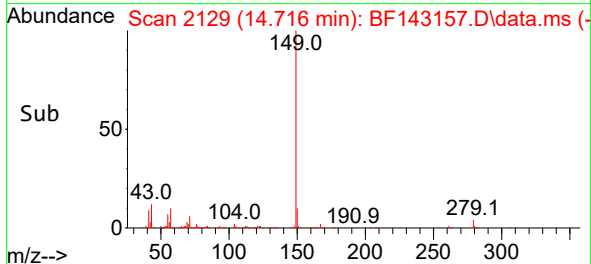
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



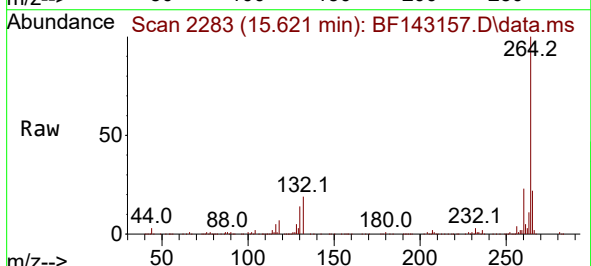
Tgt Ion:149 Resp: 729985
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.0 9.7 14.5

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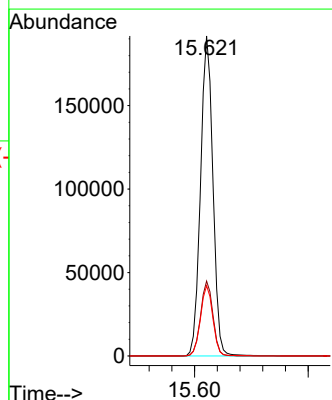
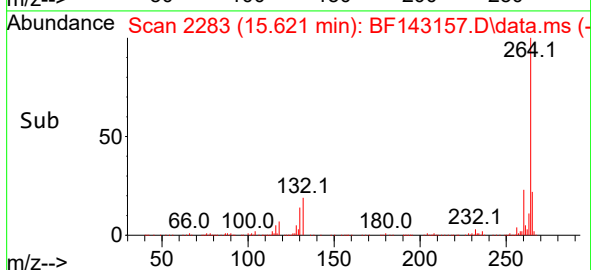
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

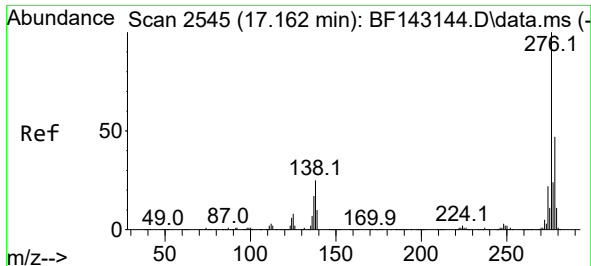


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



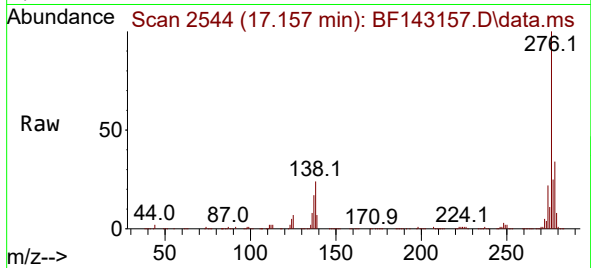
Tgt Ion:264 Resp: 290483
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.0 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.776 ng
 RT: 17.157 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37

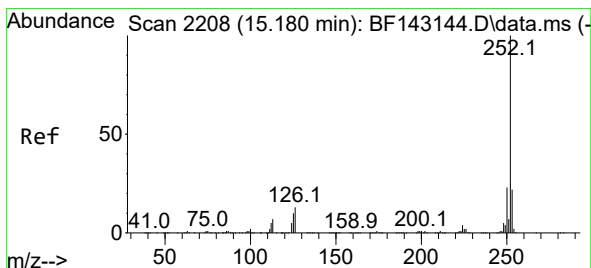
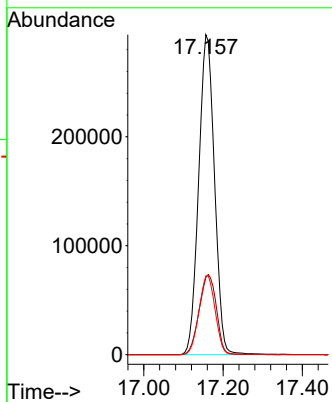
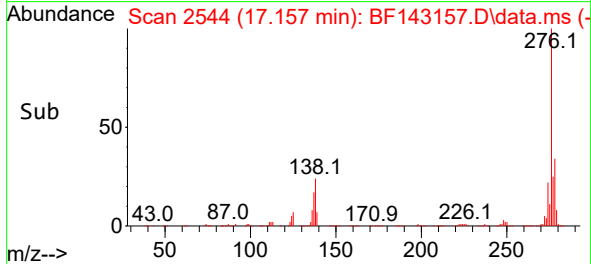
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:276 Resp: 814730
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.8 32.6
 277 25.3 20.0 30.0

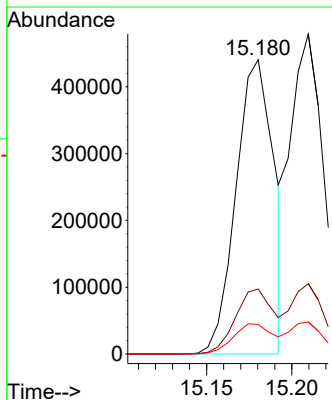
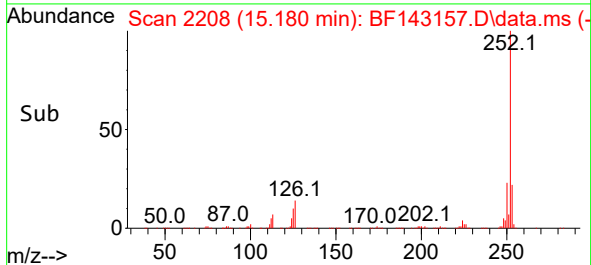
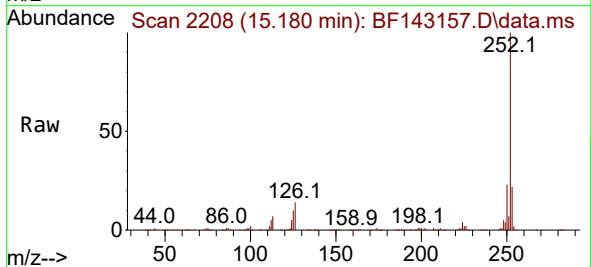
Manual Integrations
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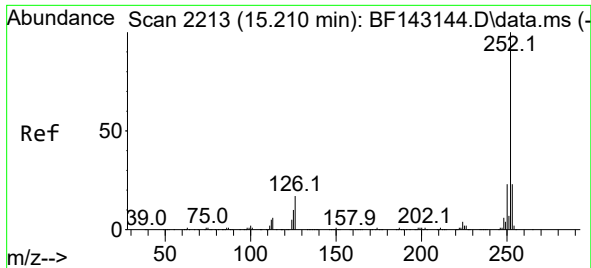
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#88
 Benzo(b)fluoranthene
 Concen: 38.184 ng
 RT: 15.180 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: BF143157.D
 Acq: 17 Jul 2025 19:37

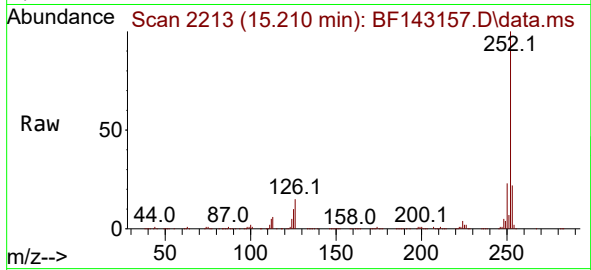
Tgt Ion:252 Resp: 677603
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 10.1 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 41.247 ng
RT: 15.210 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

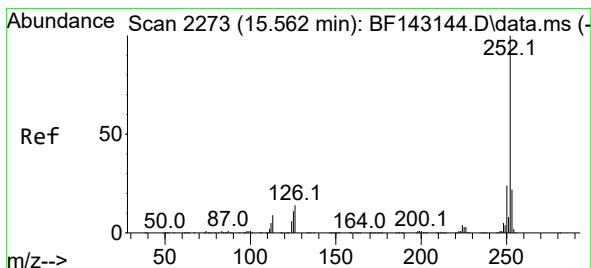
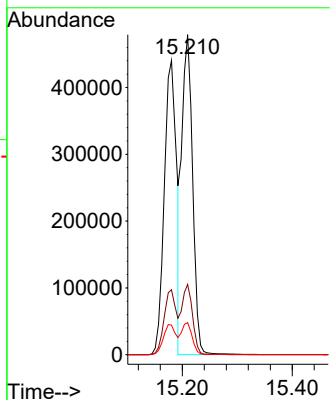
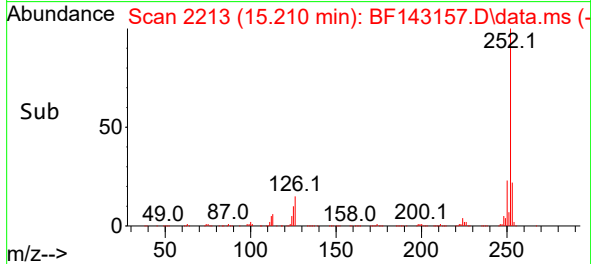
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



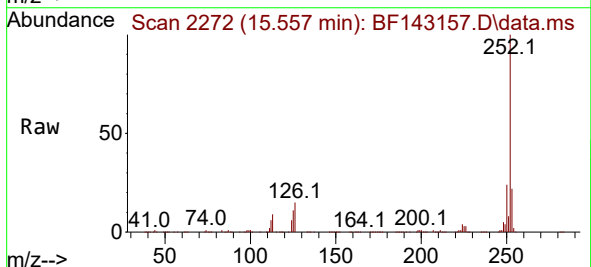
Tgt Ion:252 Resp: 65317
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.0 8.1 12.1

Manual Integrations
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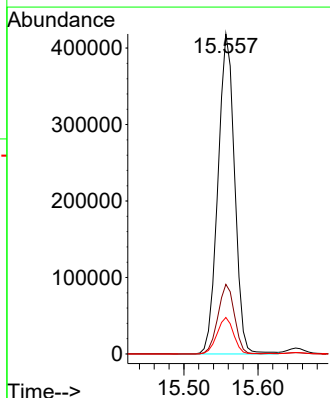
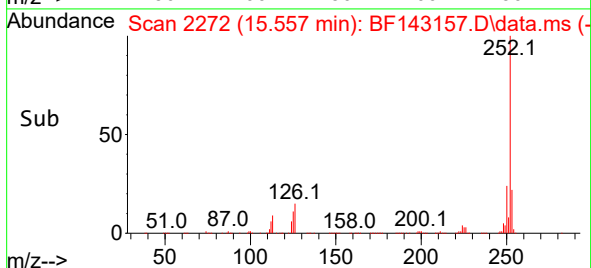
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

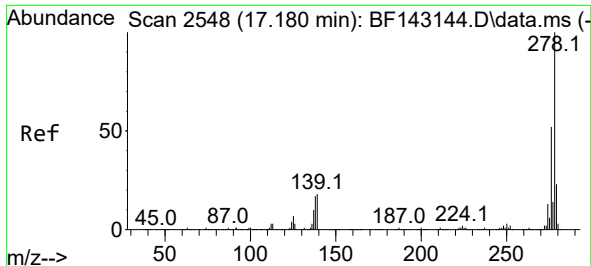


#90
Benzo(a)pyrene
Concen: 40.042 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:252 Resp: 654692
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.4 8.6 13.0





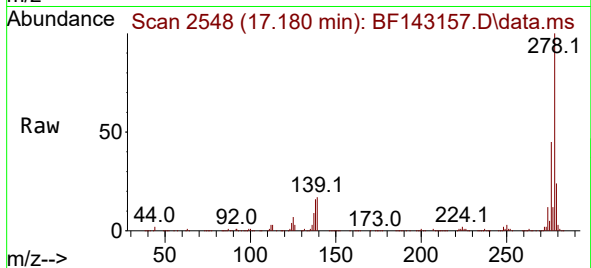
#91
Dibenzo(a,h)anthracene
Concen: 39.916 ng
RT: 17.180 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



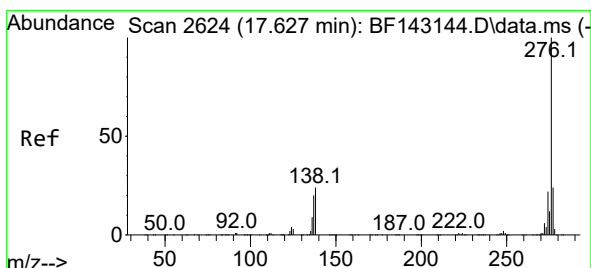
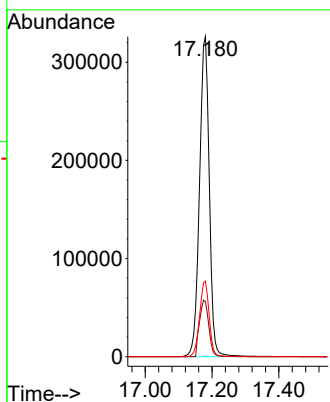
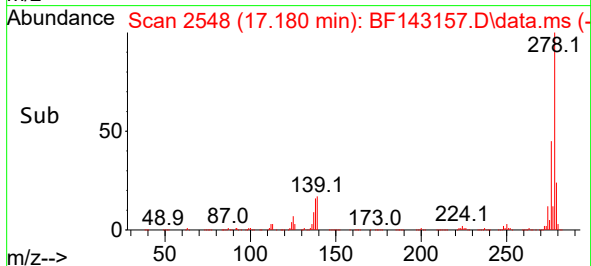
Tgt Ion:278 Resp: 665474
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 23.6 18.6 28.0

Manual Integrations

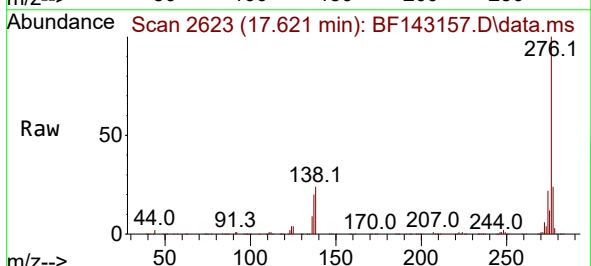
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 39.950 ng
RT: 17.621 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BF143157.D
Acq: 17 Jul 2025 19:37



Tgt Ion:276 Resp: 644277
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 24.0 18.9 28.3

