

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 16:24:49 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	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

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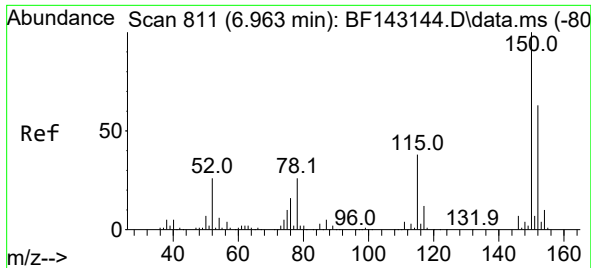
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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



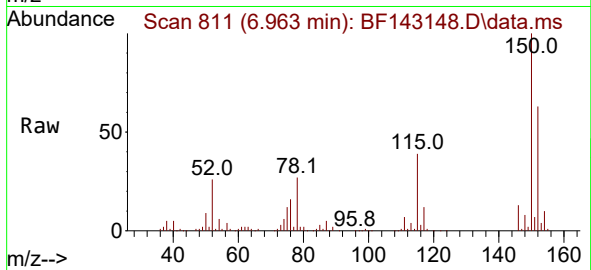
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

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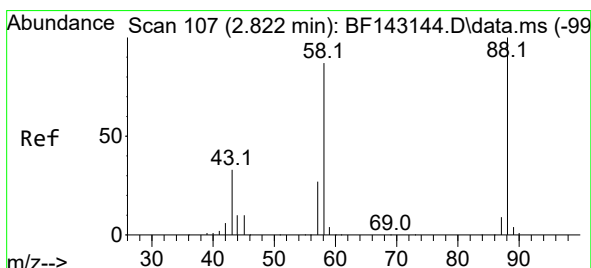
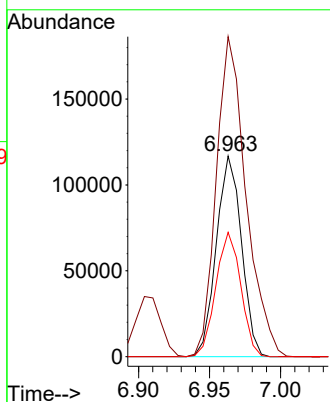
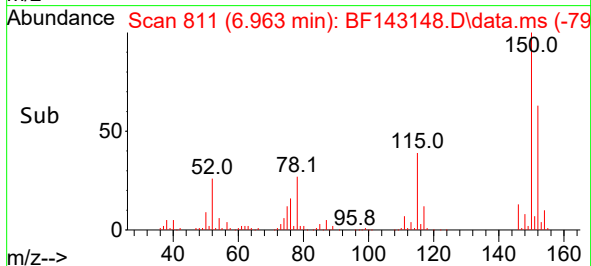
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 Ion Ratio Lower Upper
 152 100
 150 159.5 128.2 192.4
 115 62.0 47.9 71.9

Manual Integrations

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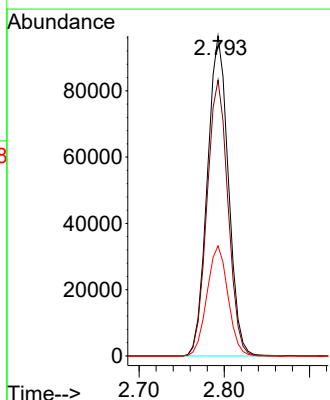
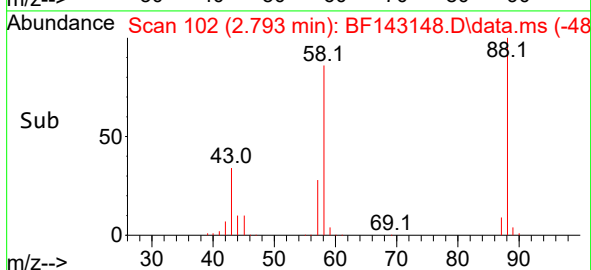
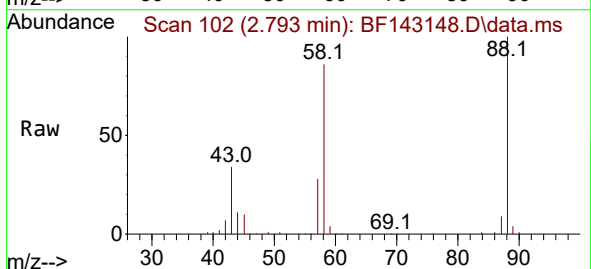
Reviewed By :Rahul Chavli 07/18/2025

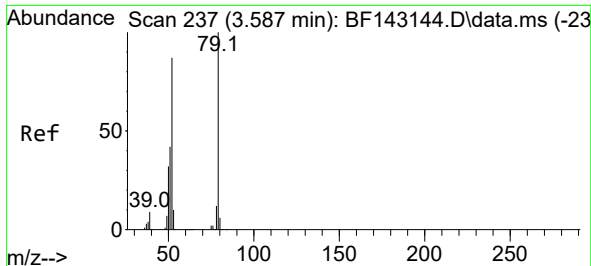
Supervised By :Jagrut Upadhyay 07/18/2025



#2
 1,4-Dioxane
 Concen: 38.496 ng
 RT: 2.793 min Scan# 102
 Delta R.T. -0.029 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

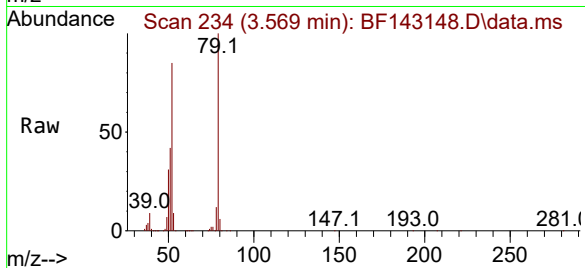
Tgt Ion: 88 Resp: 165605
 Ion Ratio Lower Upper
 88 100
 58 86.0 70.2 105.2
 43 34.4 27.1 40.7





#3
 Pyridine
 Concen: 40.604 ng
 RT: 3.569 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

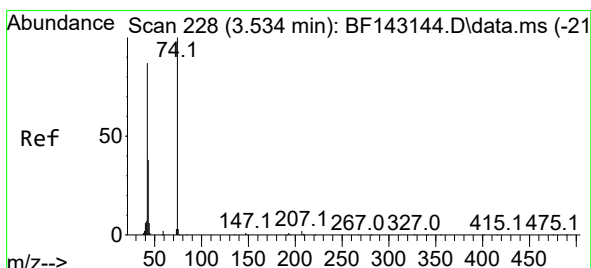
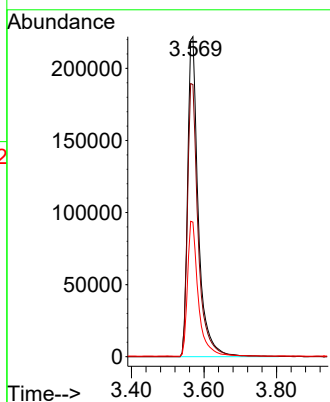
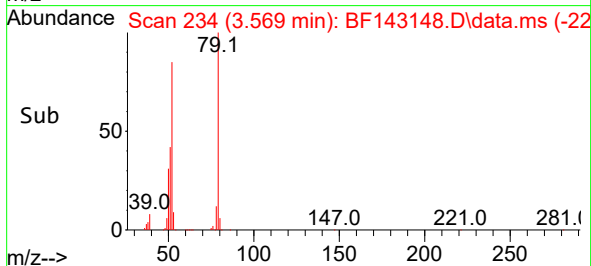
Instrument :
 BNA_F
 ClientSampleId :
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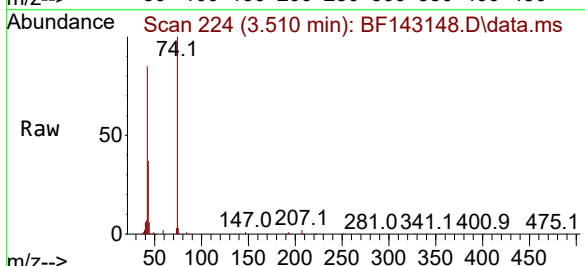
Tgt Ion: 79 Resp: 45336
 Ion Ratio Lower Upper
 79 100
 52 85.0 69.4 104.2
 51 42.0 33.5 50.3

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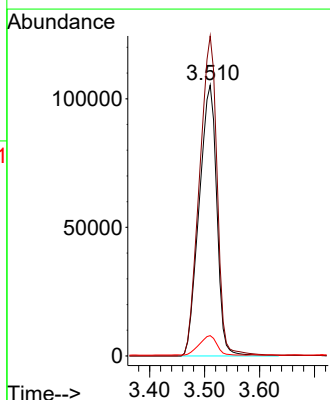
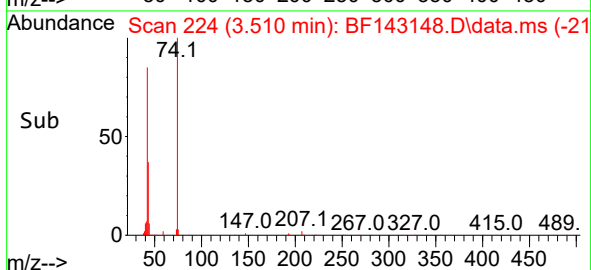
Reviewed By :Rahul Chavli 07/18/2025
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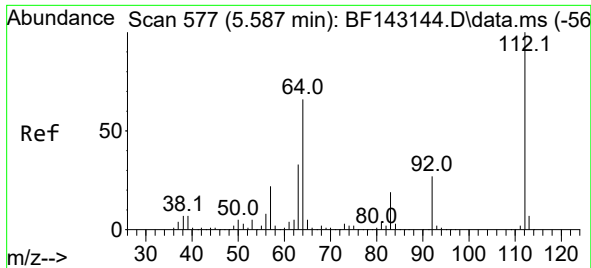


#4
 n-Nitrosodimethylamine
 Concen: 40.802 ng
 RT: 3.510 min Scan# 224
 Delta R.T. -0.024 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06



Tgt Ion: 42 Resp: 235215
 Ion Ratio Lower Upper
 42 100
 74 118.1 91.7 137.5
 44 7.5 5.6 8.4





#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

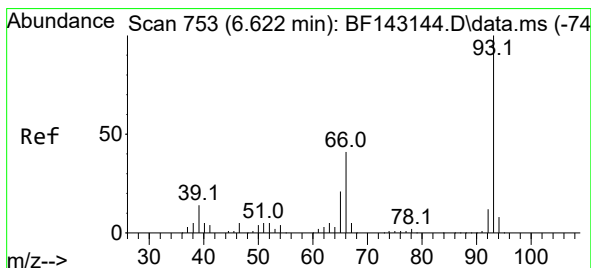
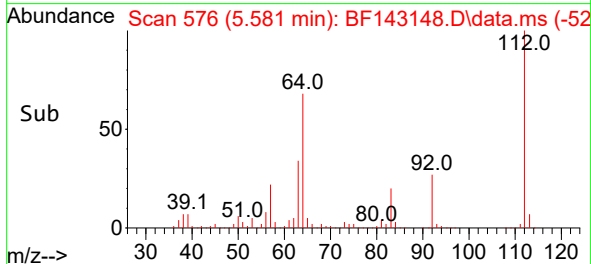
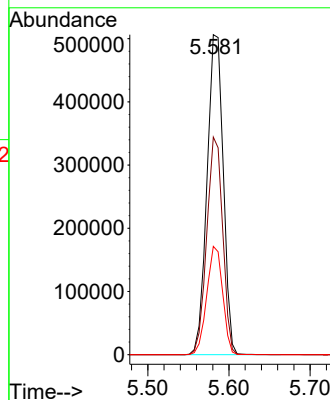
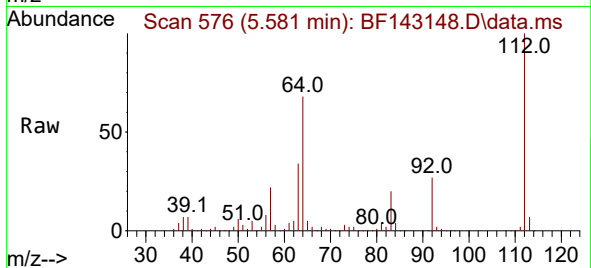
Tgt Ion:112 Resp: 701339
Ion Ratio Lower Upper
112 100
64 68.0 53.1 79.7
63 33.9 26.6 40.0

Manual Integrations

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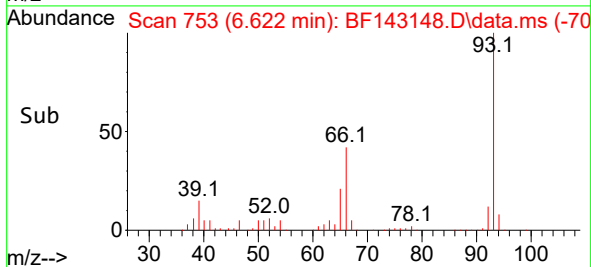
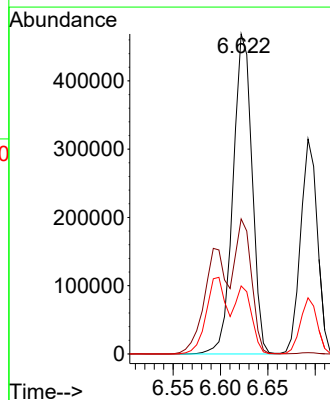
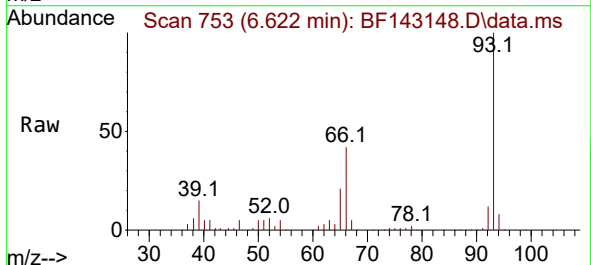
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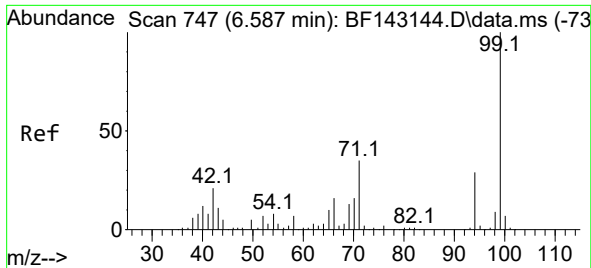
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

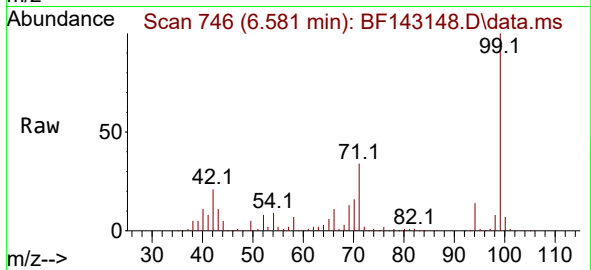
Tgt Ion: 93 Resp: 655116
Ion Ratio Lower Upper
93 100
66 42.2 33.2 49.8
65 21.3 16.9 25.3





#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

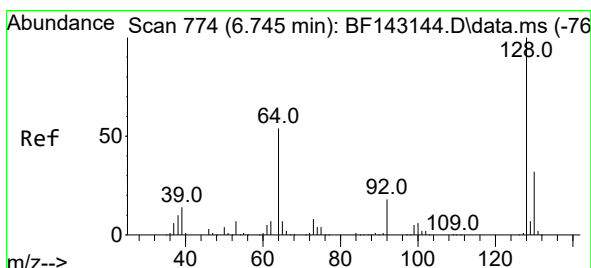
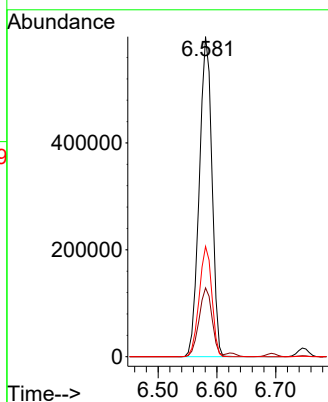
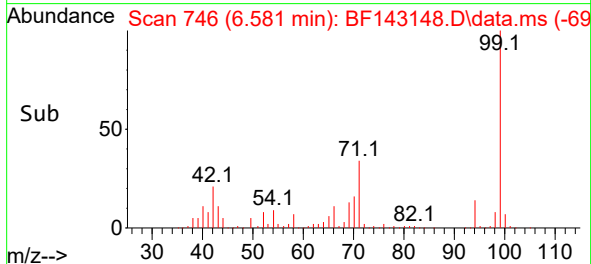
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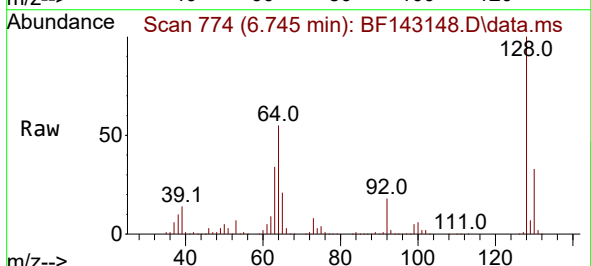
Tgt Ion: 99 Resp: 89408
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 34.5 27.7 41.5

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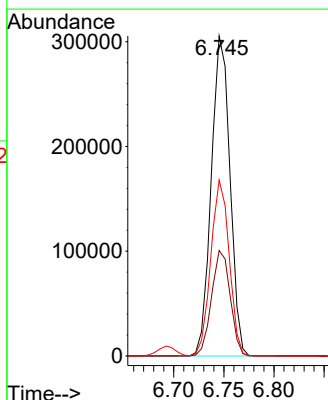
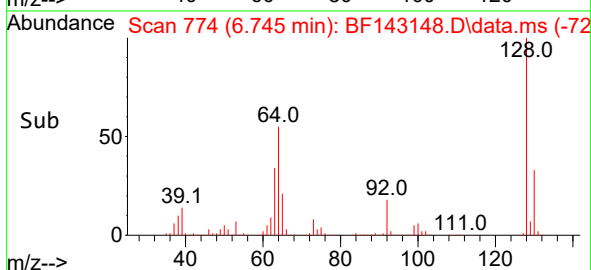
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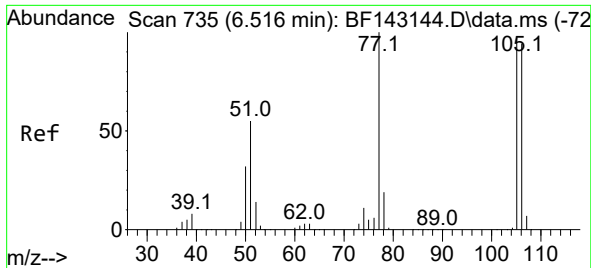


#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:128 Resp: 395767
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 54.9 35.9 75.9





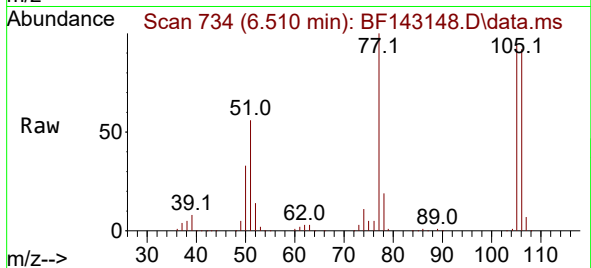
#9
Benzaldehyde
Concen: 37.441 ng
RT: 6.510 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



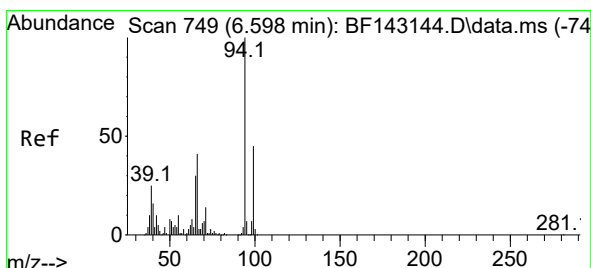
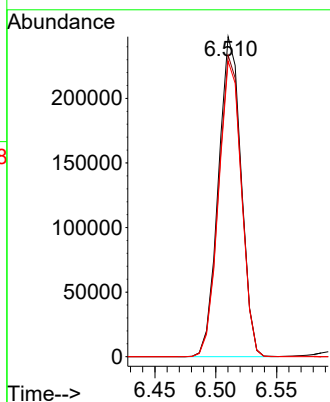
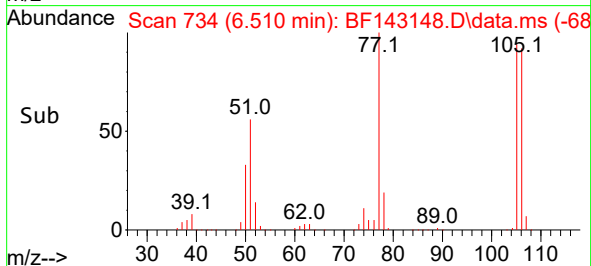
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Ion Ratio Lower Upper
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105 94.2 76.8 116.8
106 92.4 74.4 114.4

Manual Integrations

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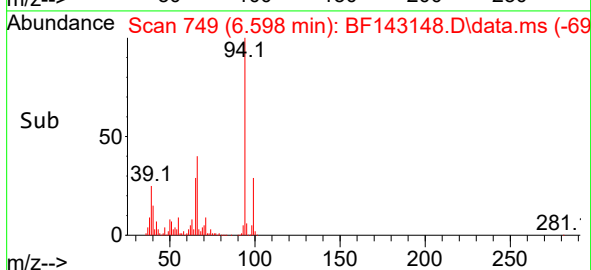
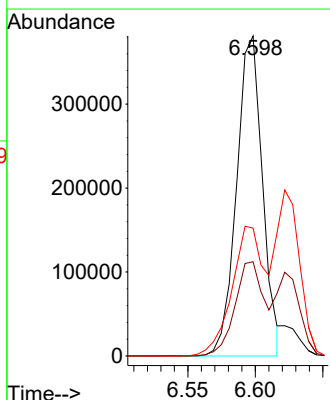
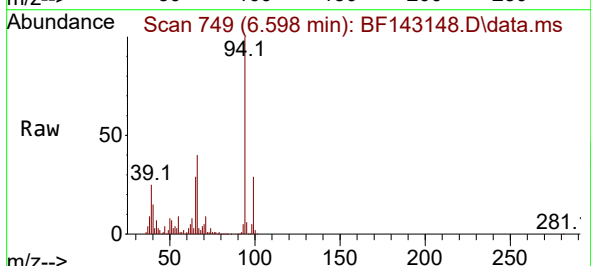
Reviewed By :Rahul Chavli 07/18/2025

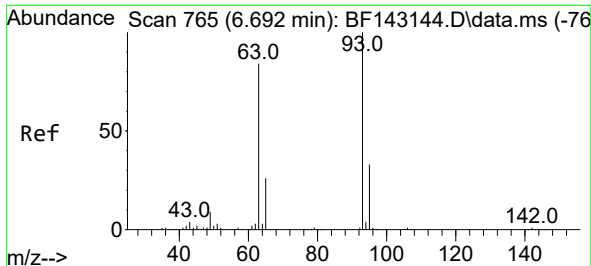
Supervised By :Jagrut Upadhyay 07/18/2025



#10
Phenol
Concen: 40.827 ng m
RT: 6.598 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 94 Resp: 508952
Ion Ratio Lower Upper
94 100
65 29.4 10.0 50.0
66 40.0 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 40.628 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 93 Resp: 38779

Ion Ratio Lower Upper

93 100

63 83.7 63.4 103.4

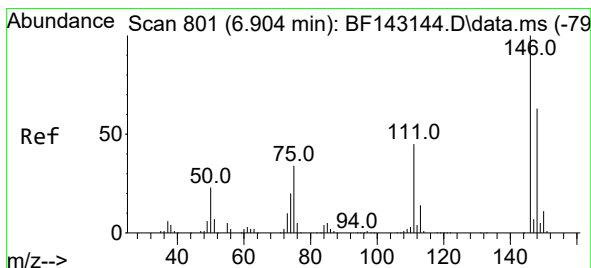
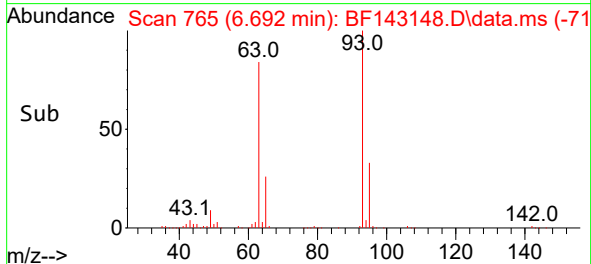
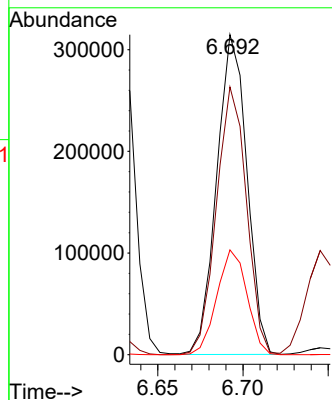
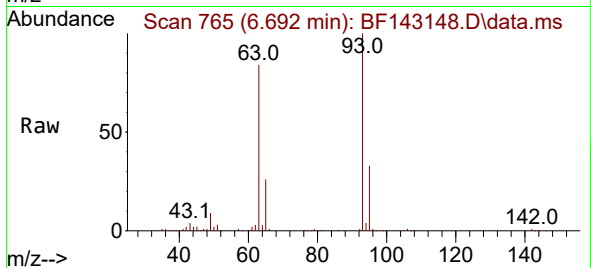
95 32.7 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#12

1,3-Dichlorobenzene

Concen: 40.400 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

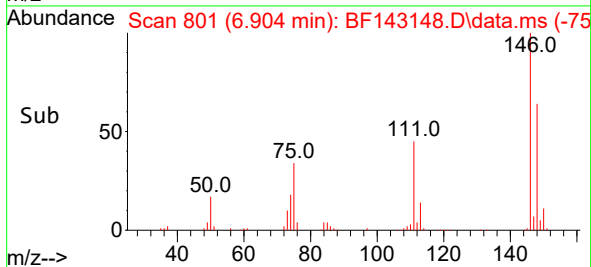
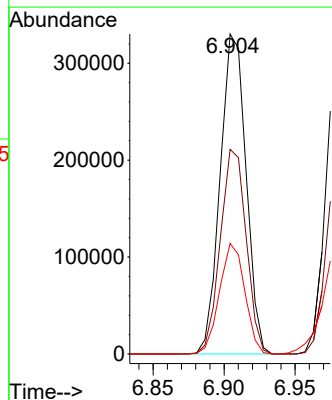
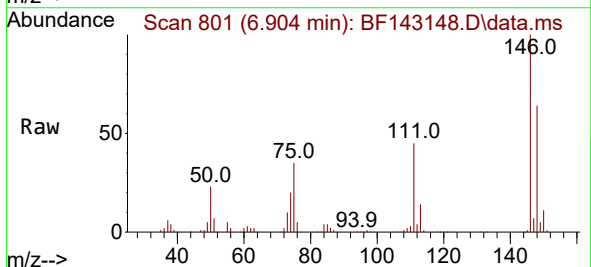
Tgt Ion:146 Resp: 418232

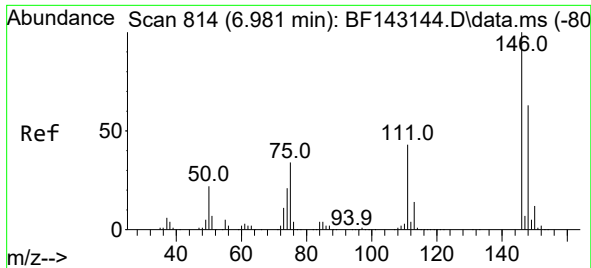
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

75 34.6 27.4 41.2





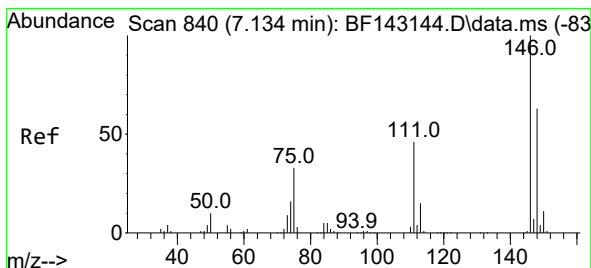
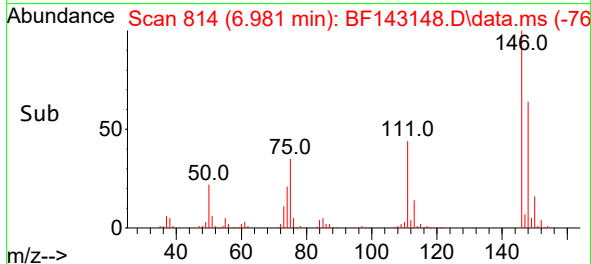
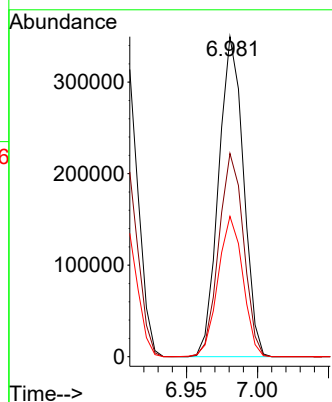
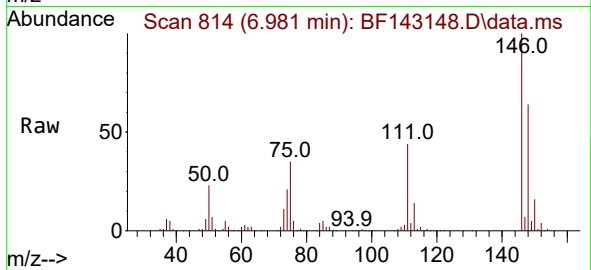
#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:146 Resp: 424629
Ion Ratio Lower Upper
146 100
148 63.5 50.3 75.5
111 43.8 34.4 51.6

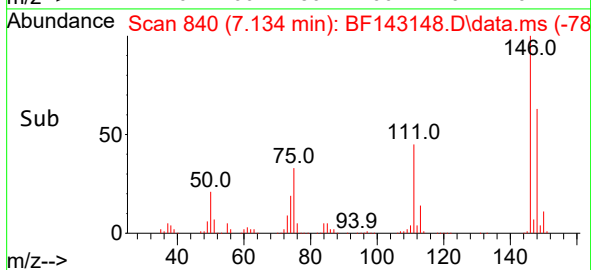
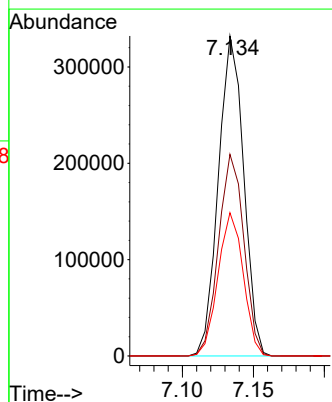
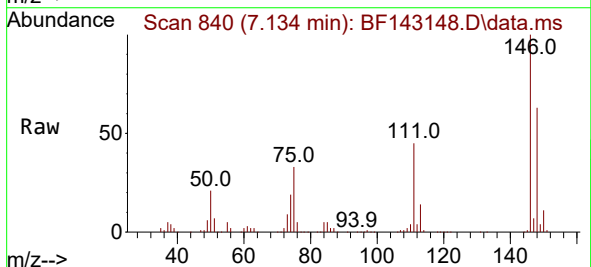
Manual Integrations
APPROVED

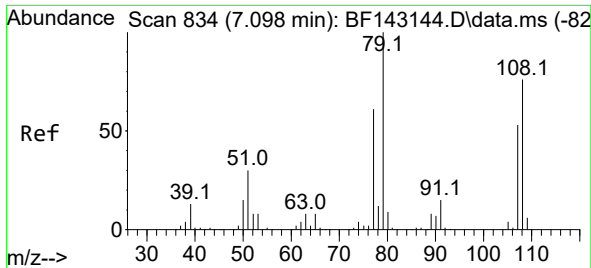
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 411560
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 44.8 36.6 54.8





#15
Benzyl Alcohol
Concen: 41.958 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

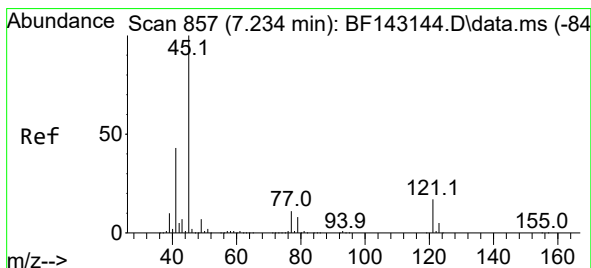
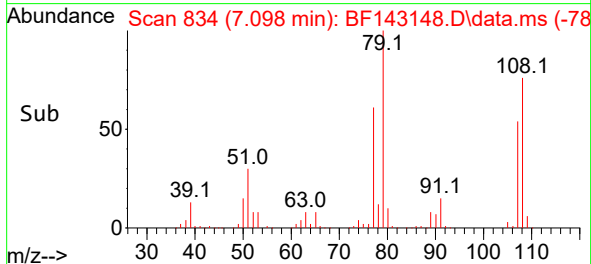
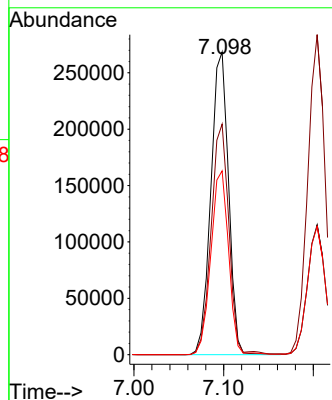
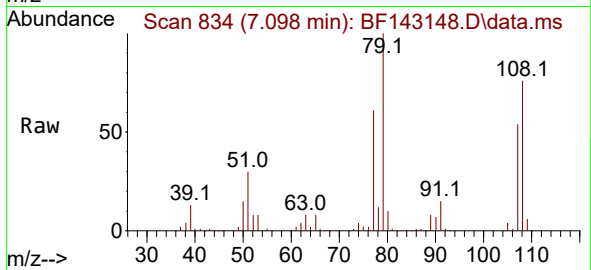
ICVBF071725

Tgt Ion: 79 Resp: 366608
Ion Ratio Lower Upper
79 100
108 76.2 61.1 91.7
77 60.8 48.9 73.3

Manual Integrations

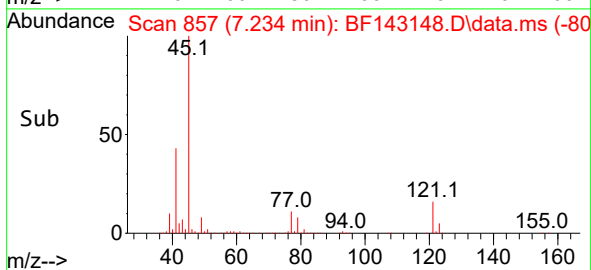
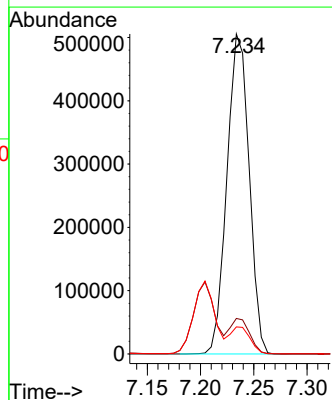
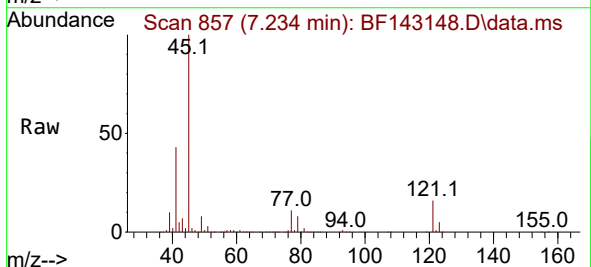
APPROVED

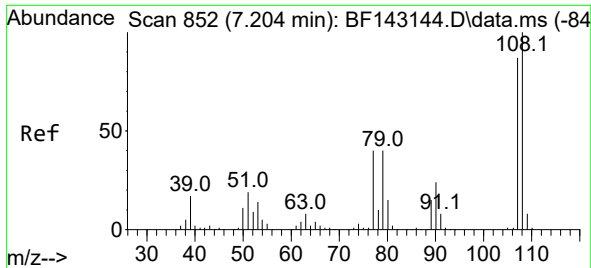
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 45 Resp: 732274
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.2
79 8.5 0.0 28.5





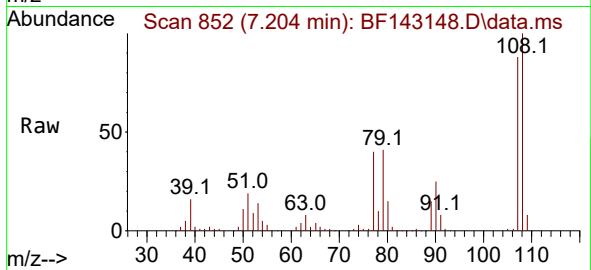
#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



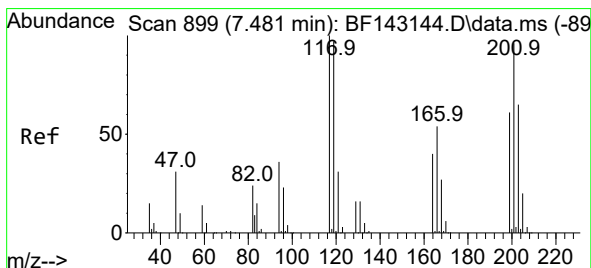
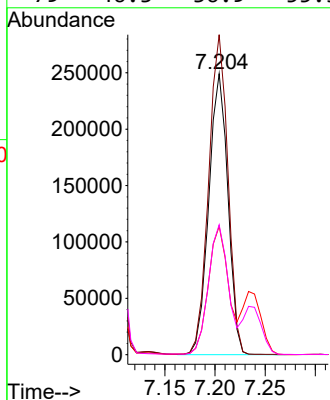
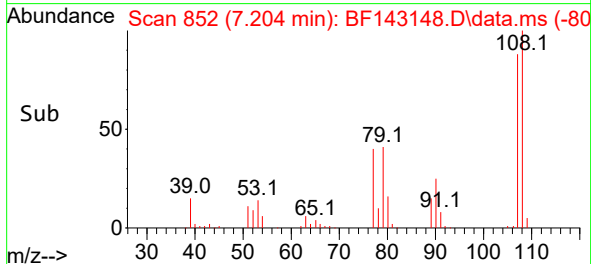
Tgt Ion:107 Resp: 331709
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 45.7 37.0 55.6
79 46.3 36.9 55.3

Manual Integrations

APPROVED

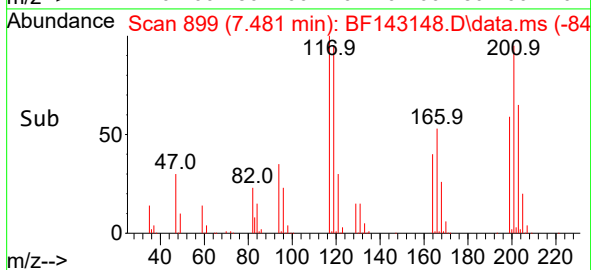
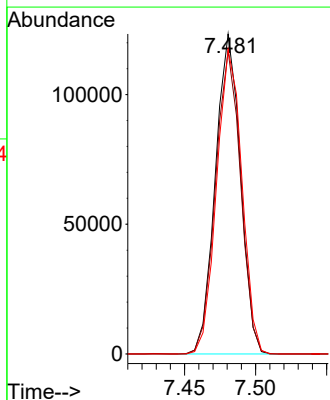
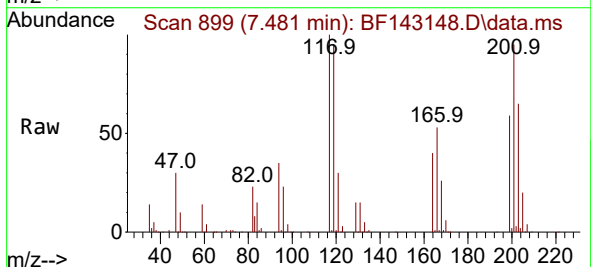
Reviewed By :Rahul Chavli 07/18/2025

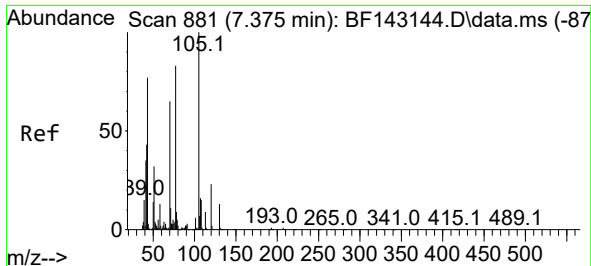
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:117 Resp: 151232
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8
201 95.2 77.0 115.4





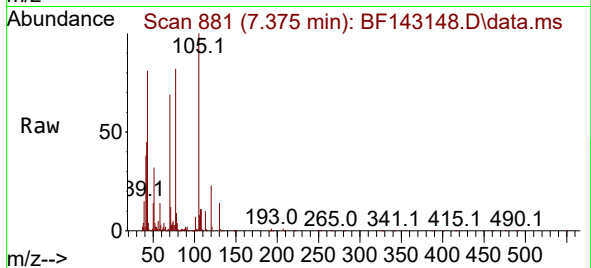
#19
n-Nitroso-di-n-propylamine
Concen: 40.342 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



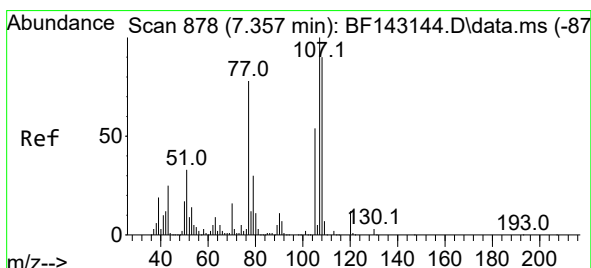
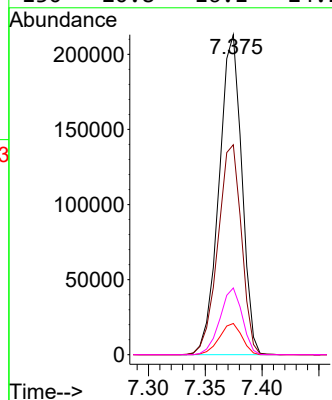
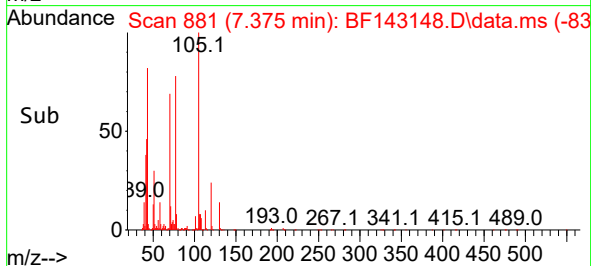
Tgt Ion: 70 Resp: 29617
Ion Ratio Lower Upper
70 100
42 65.6 52.5 78.7
101 9.8 7.6 11.4
130 20.8 16.1 24.1

Manual Integrations

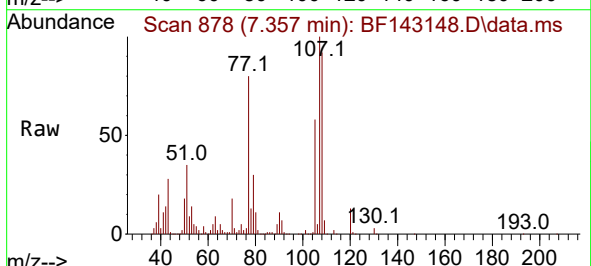
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

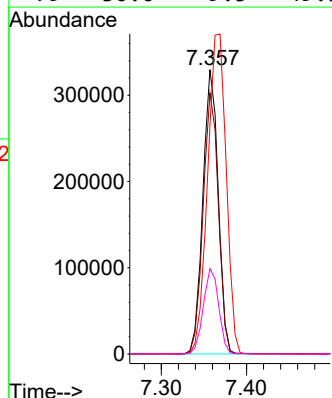
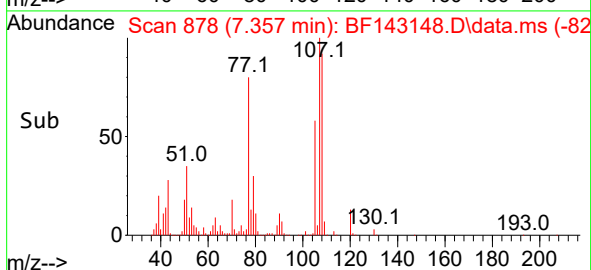
Supervised By :Jagrut Upadhyay 07/18/2025

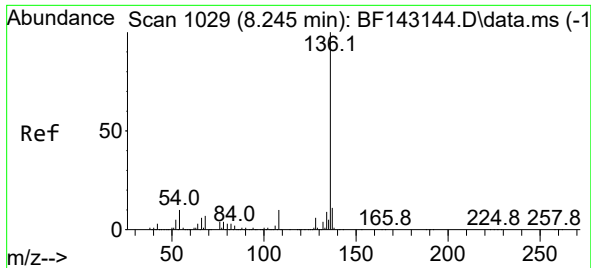


#20
3+4-Methylphenols
Concen: 42.387 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



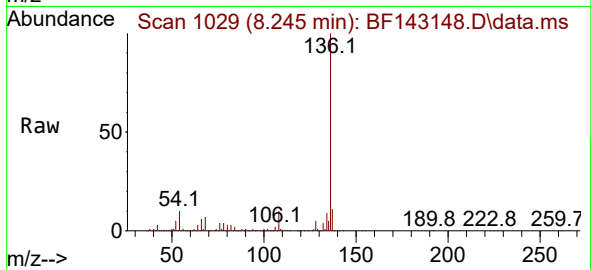
Tgt Ion:107 Resp: 412065
Ion Ratio Lower Upper
107 100
108 91.8 70.0 110.0
77 80.5 57.8 97.8
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

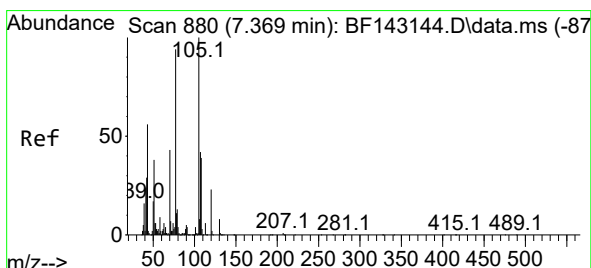
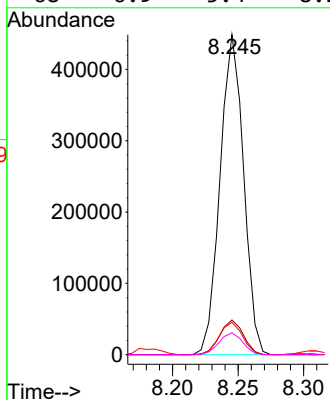
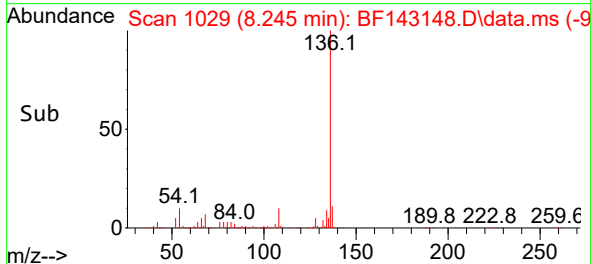
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:136 Resp: 55967
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.2 12.2
68 6.9 5.4 8.2

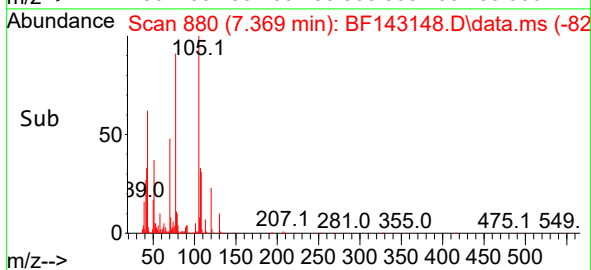
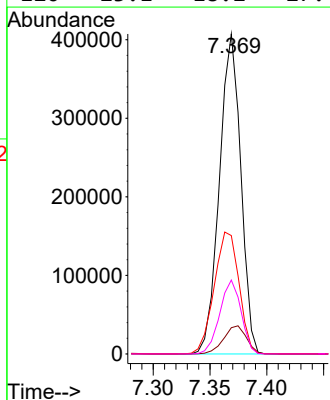
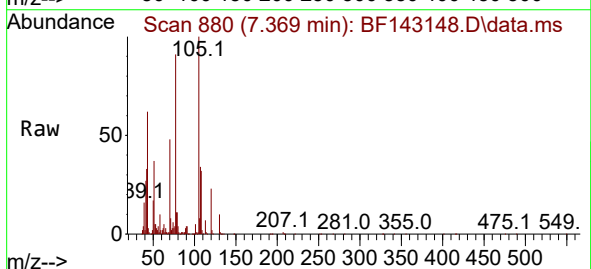
Manual Integrations
APPROVED

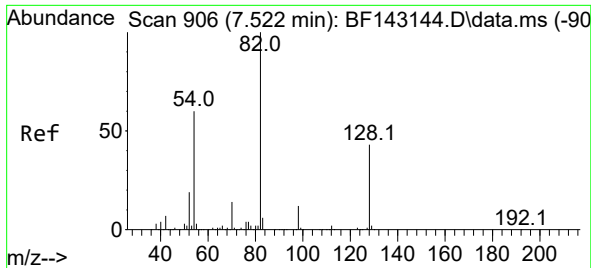
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 37.0 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 72.247 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

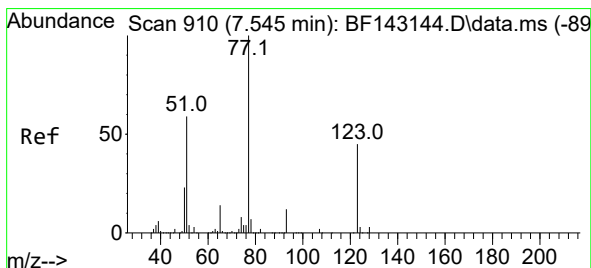
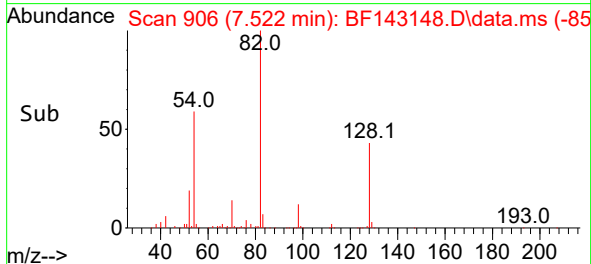
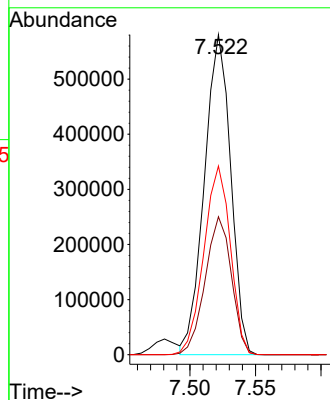
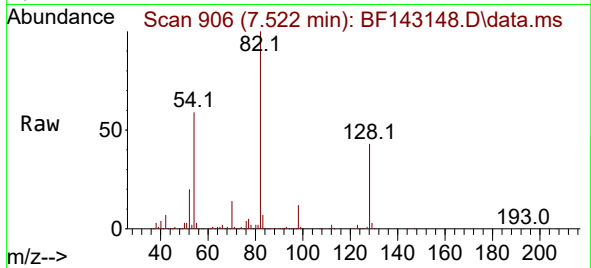
Tgt Ion: 82	Resp: 811178
Ion Ratio	Lower Upper
82	100
128	43.1 33.6 50.4
54	58.9 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 41.731 ng

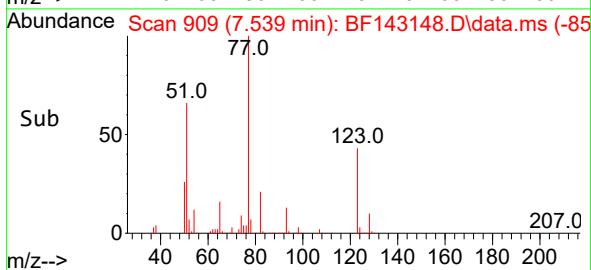
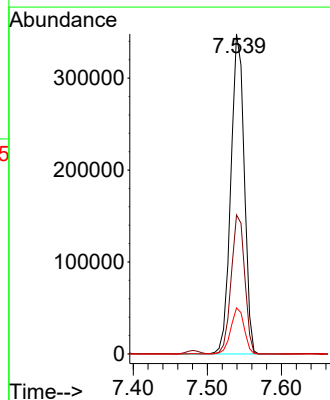
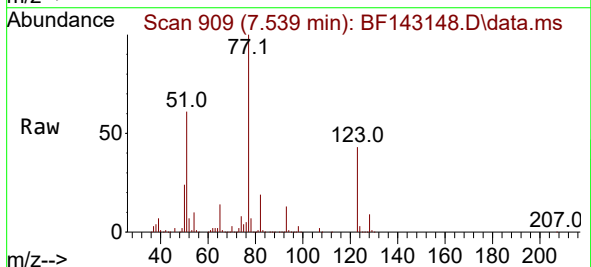
RT: 7.539 min Scan# 909

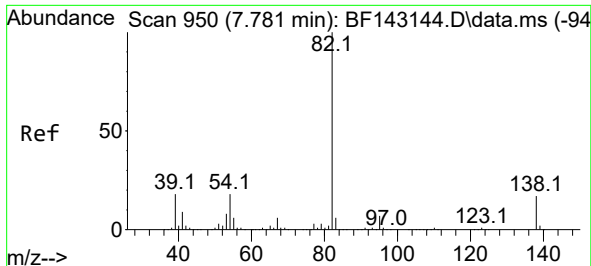
Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

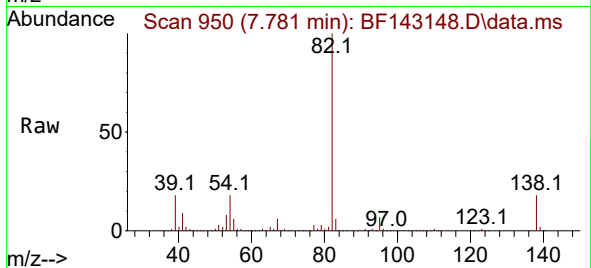
Tgt Ion: 77	Resp: 436834
Ion Ratio	Lower Upper
77	100
123	43.5 36.1 54.1
65	14.4 11.4 17.2





#25
Isophorone
Concen: 40.567 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

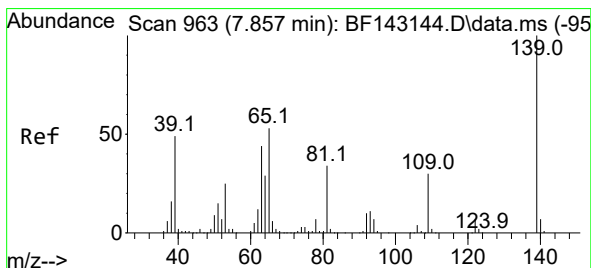
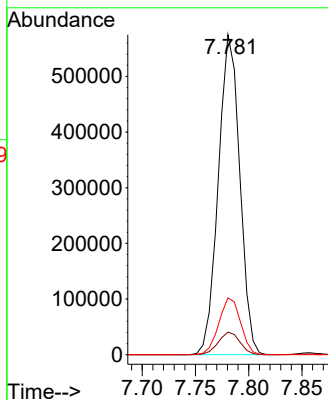
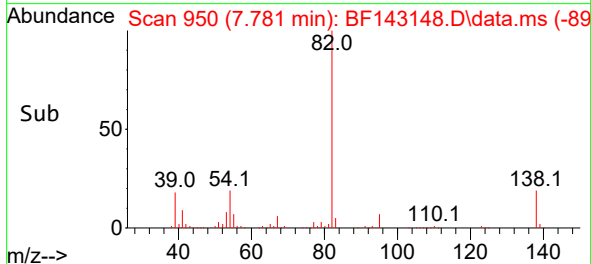
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



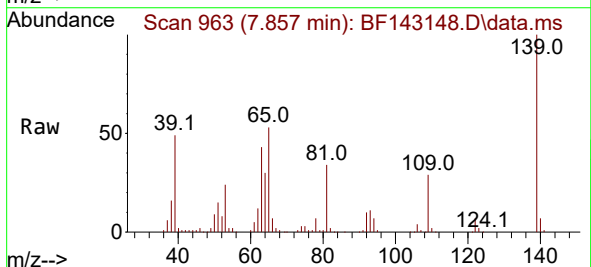
Tgt Ion: 82 Resp: 80407
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.8 13.8 20.8

Manual Integrations
APPROVED

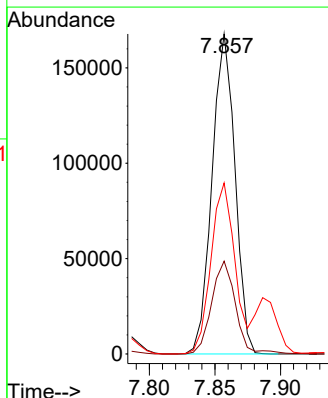
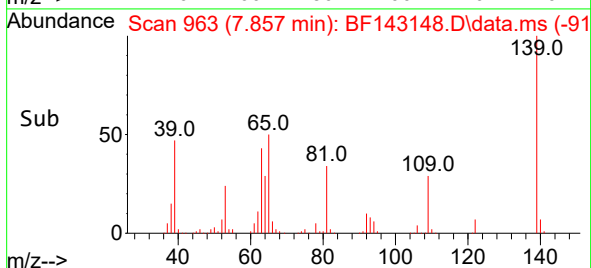
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

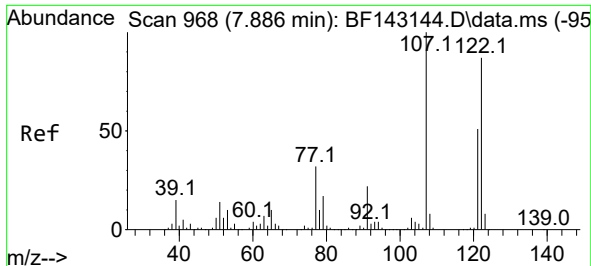


#26
2-Nitrophenol
Concen: 44.896 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:139 Resp: 203967
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 53.4 42.6 64.0





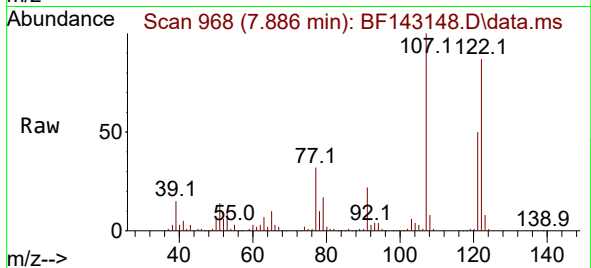
#27
2,4-Dimethylphenol
Concen: 40.773 ng
RT: 7.886 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



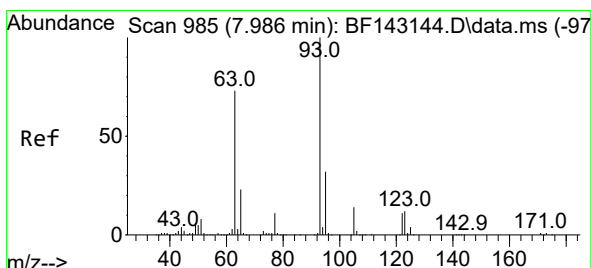
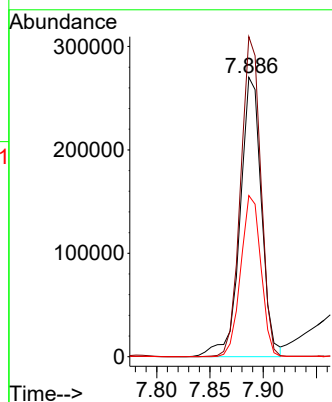
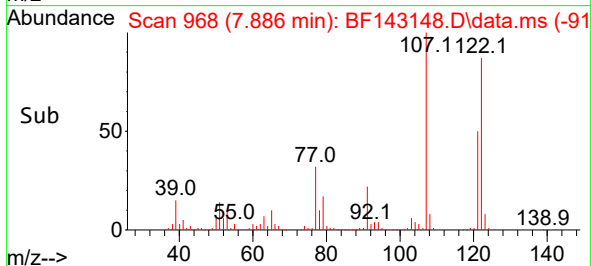
Tgt Ion:122 Resp: 377575
Ion Ratio Lower Upper
122 100
107 114.6 91.8 137.6
121 57.7 46.3 69.5

Manual Integrations

APPROVED

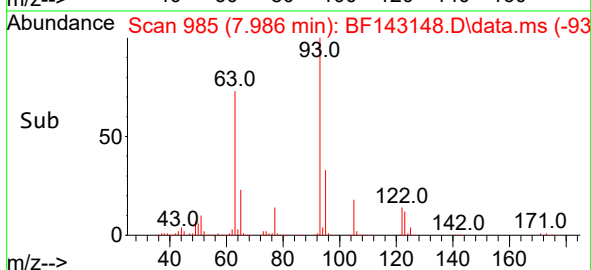
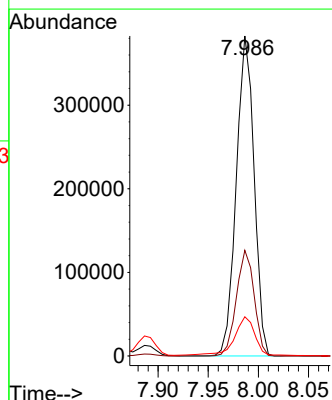
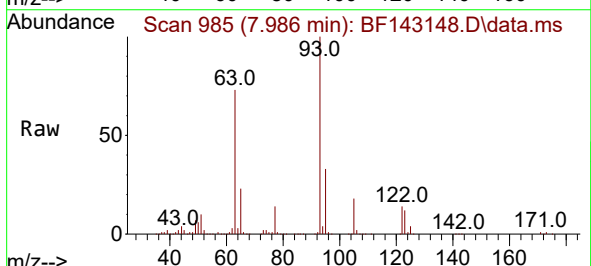
Reviewed By :Rahul Chavli 07/18/2025

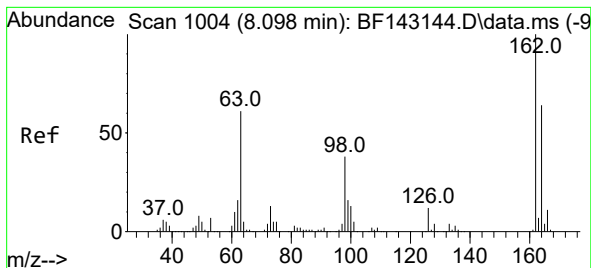
Supervised By :Jagrut Upadhyay 07/18/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.939 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 93 Resp: 474637
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.6
123 12.2 9.7 14.5





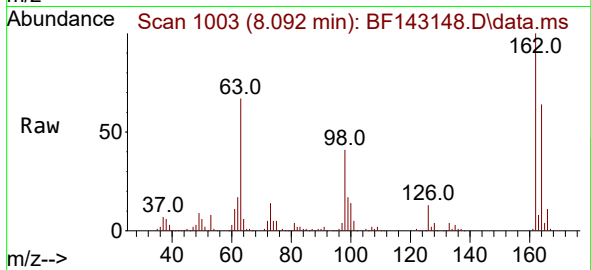
#29
2,4-Dichlorophenol
Concen: 40.875 ng
RT: 8.092 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



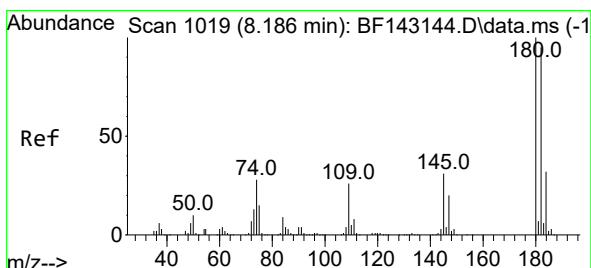
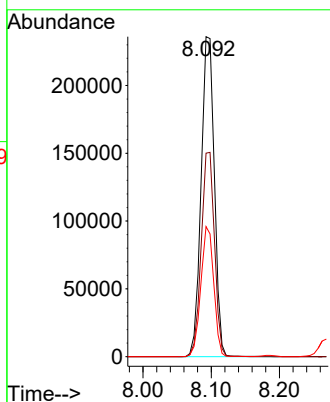
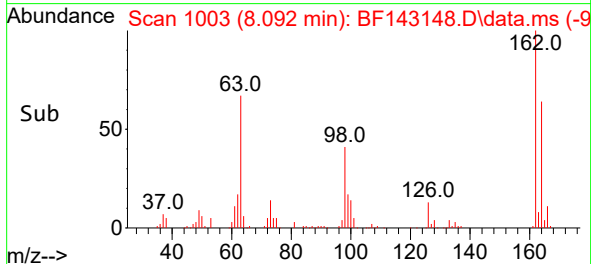
Tgt Ion:162 Resp: 319210
Ion Ratio Lower Upper
162 100
164 63.6 44.2 84.2
98 40.7 17.9 57.9

Manual Integrations

APPROVED

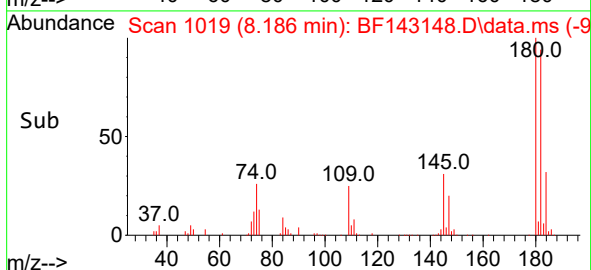
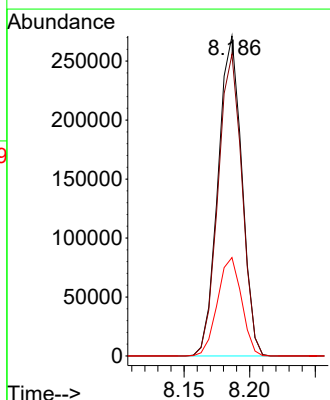
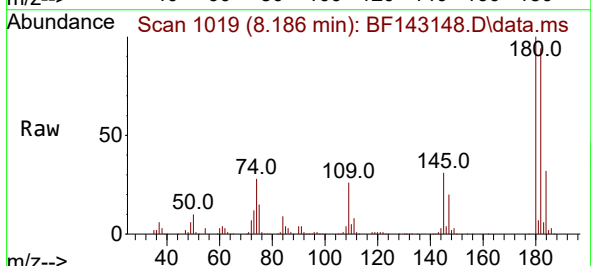
Reviewed By :Rahul Chavli 07/18/2025

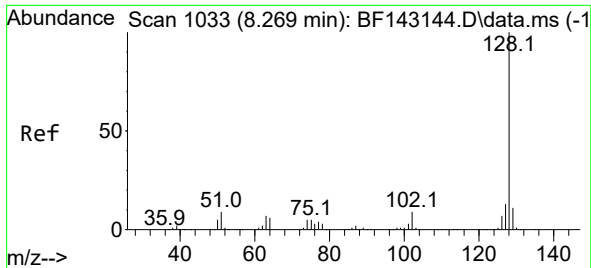
Supervised By :Jagrut Upadhyay 07/18/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.551 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:180 Resp: 342135
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.2
145 30.8 25.0 37.6





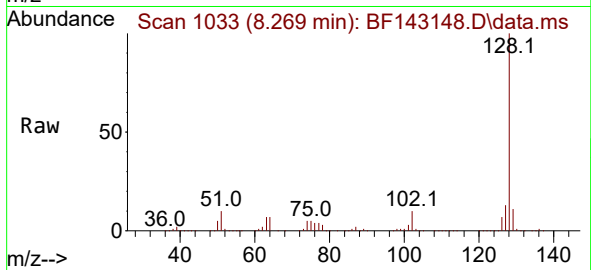
#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



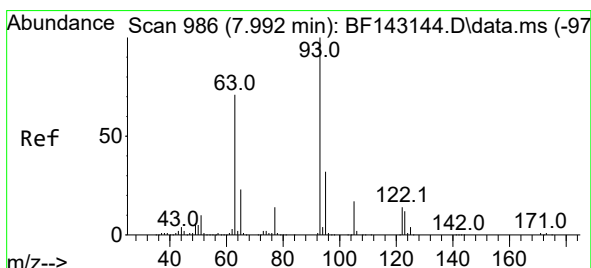
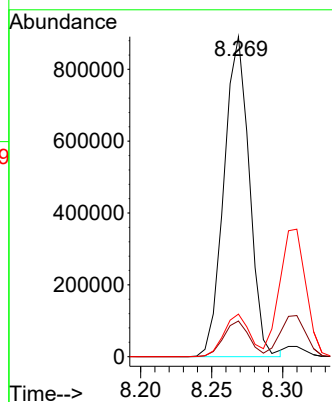
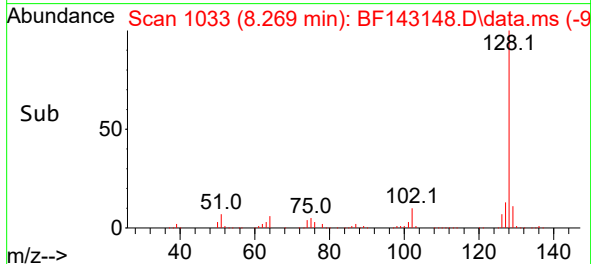
Tgt Ion:128 Resp: 110648
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

APPROVED

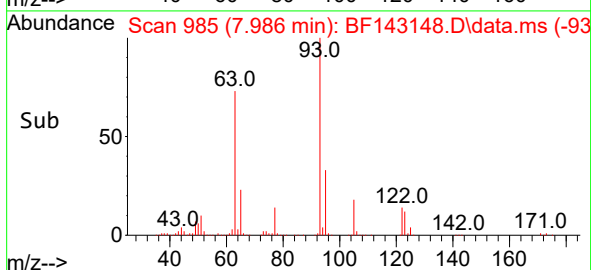
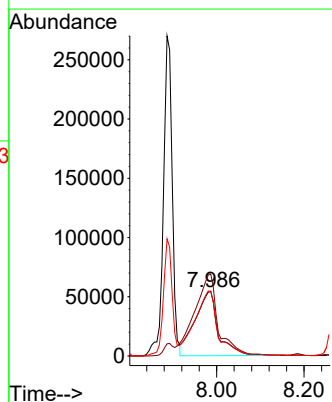
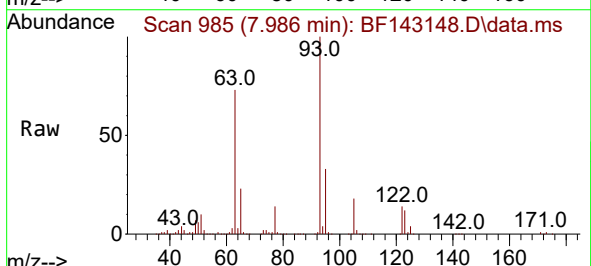
Reviewed By :Rahul Chavli 07/18/2025

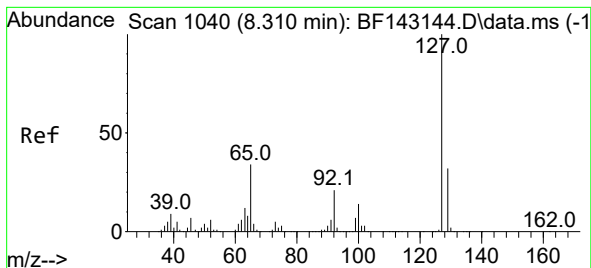
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337
Ion Ratio Lower Upper
122 100
105 127.2 104.8 144.8
77 100.3 77.6 117.6





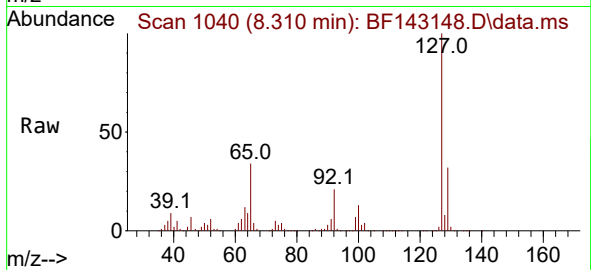
#33
4-Chloroaniline
Concen: 40.671 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



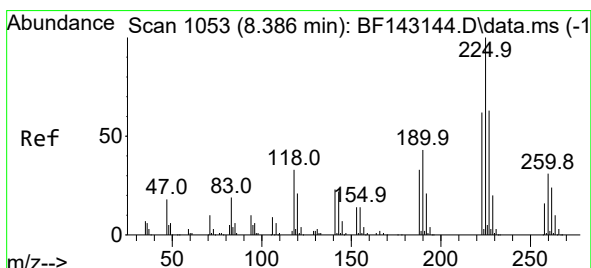
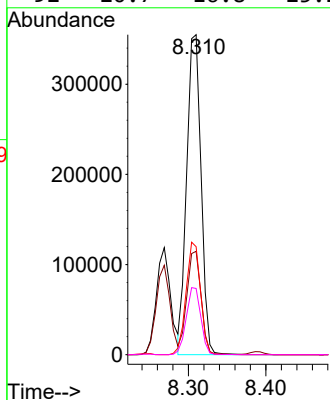
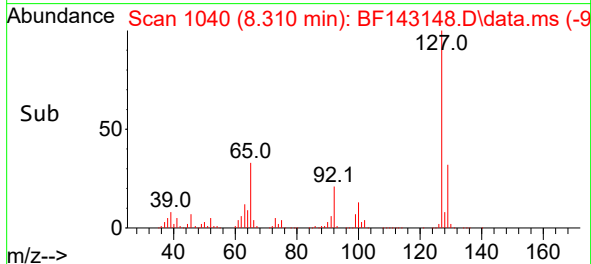
Tgt Ion:127 Resp: 45774
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 33.8 27.4 41.2
92 20.7 16.8 25.2

Manual Integrations

APPROVED

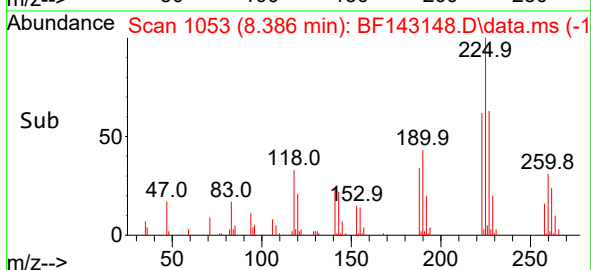
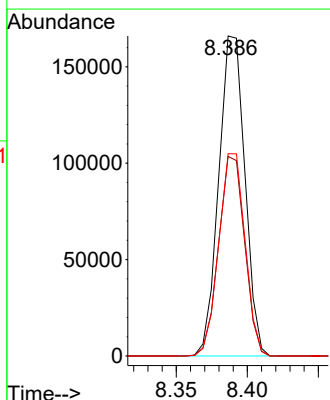
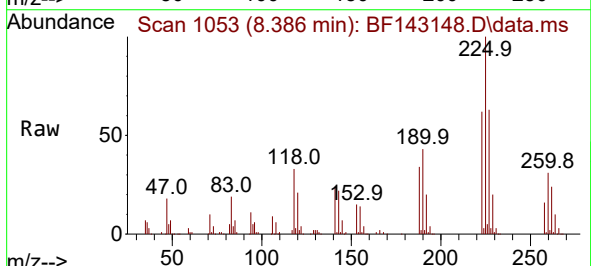
Reviewed By :Rahul Chavli 07/18/2025

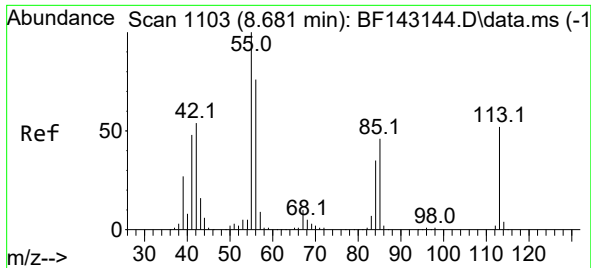
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 41.284 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

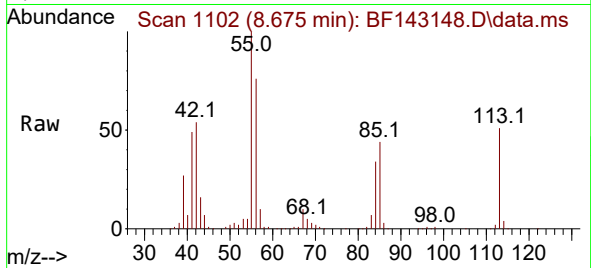
Tgt Ion:225 Resp: 212781
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 63.2 50.2 75.4





#35
Caprolactam
Concen: 40.959 ng
RT: 8.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

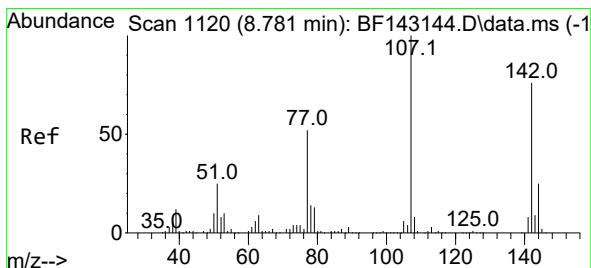
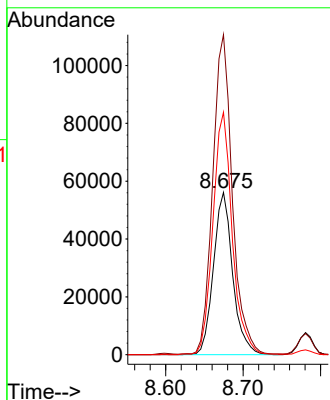
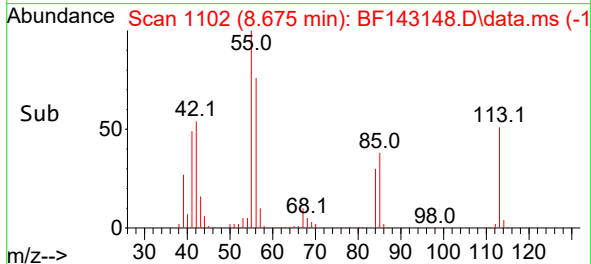
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:113 Resp: 9666
Ion Ratio Lower Upper
113 100
55 197.3 174.0 214.0
56 149.4 126.6 166.6

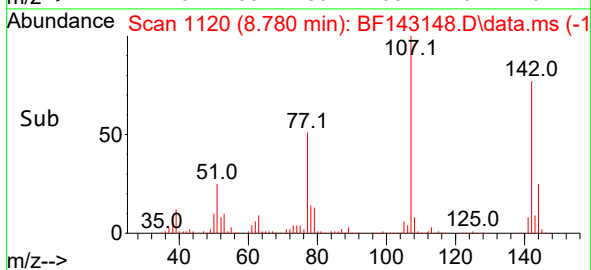
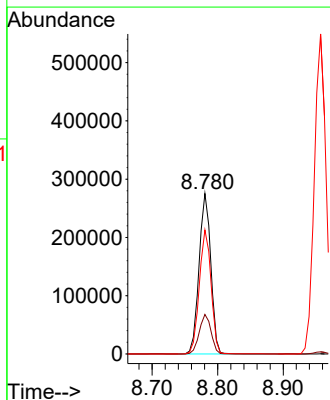
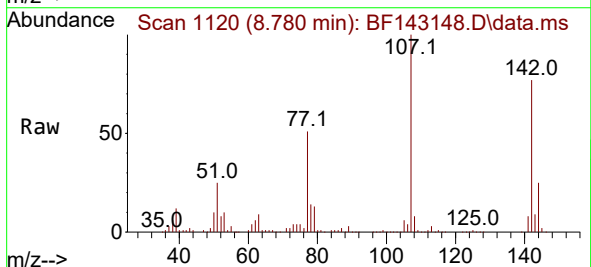
Manual Integrations
APPROVED

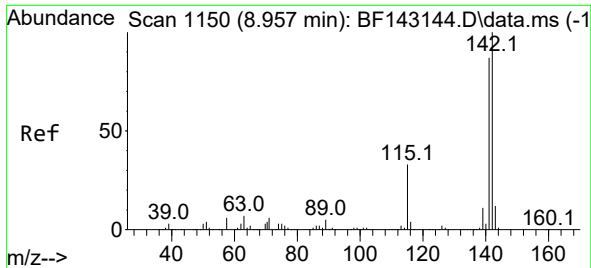
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 40.611 ng
RT: 8.780 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

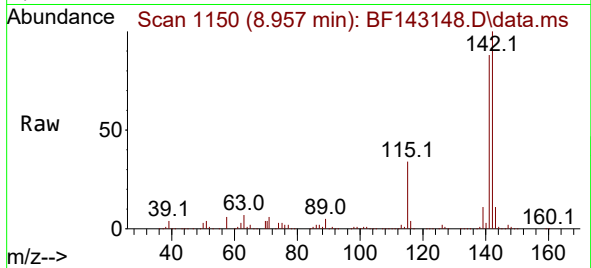
Tgt Ion:107 Resp: 344726
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 77.3 60.6 90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

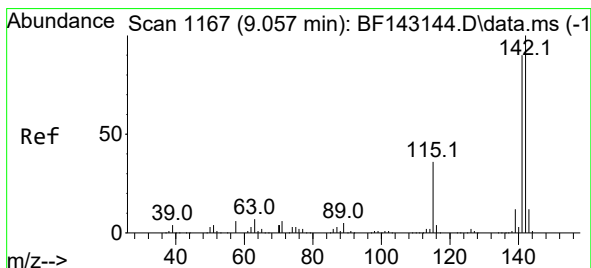
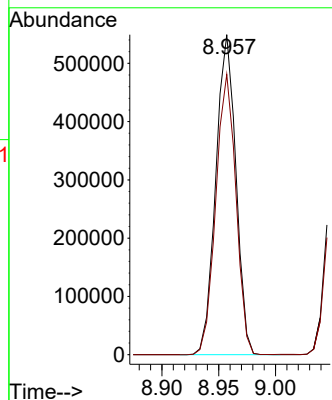
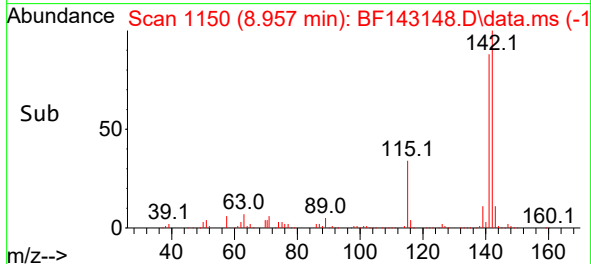
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



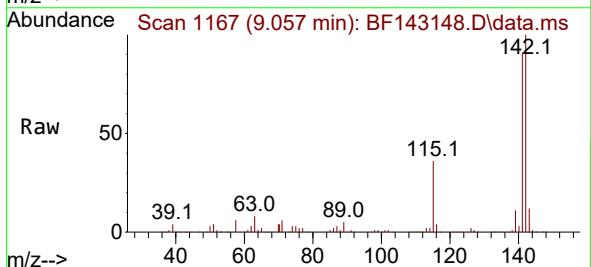
Tgt Ion:142 Resp: 675594
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

Manual Integrations
APPROVED

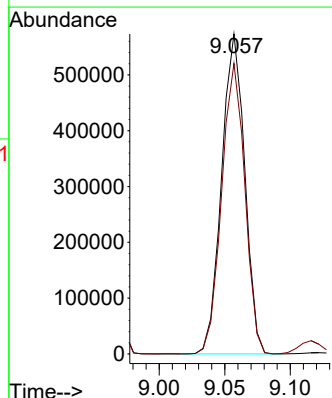
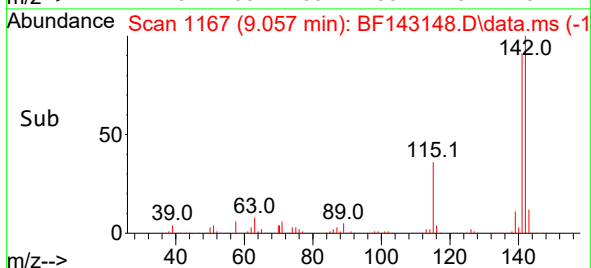
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

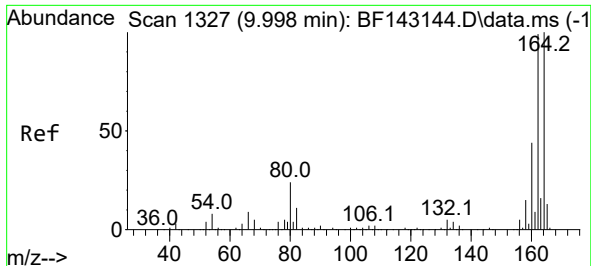


#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:142 Resp: 703170
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





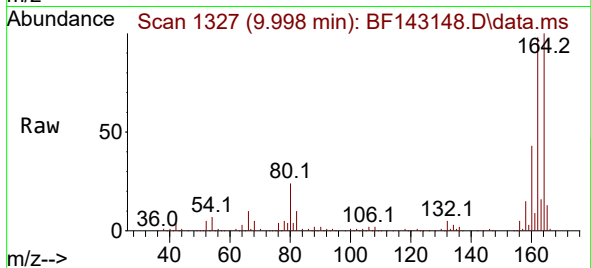
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



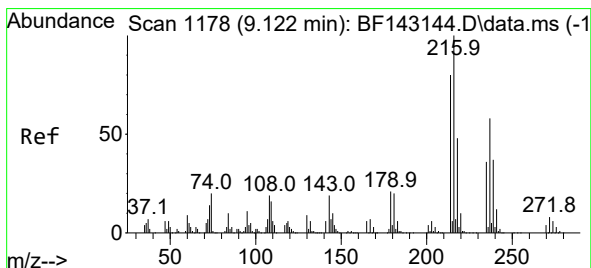
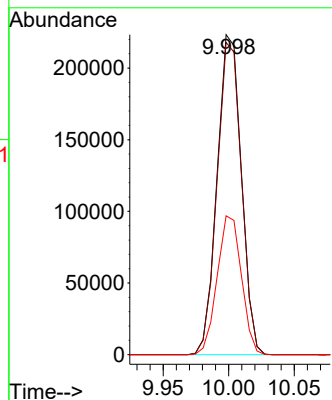
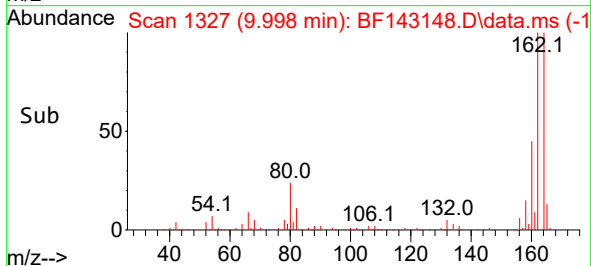
Tgt Ion:164 Resp: 28725
Ion Ratio Lower Upper
164 100
162 97.5 79.0 118.6
160 43.4 35.1 52.7

Manual Integrations

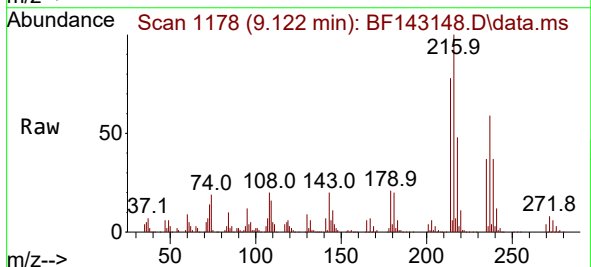
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

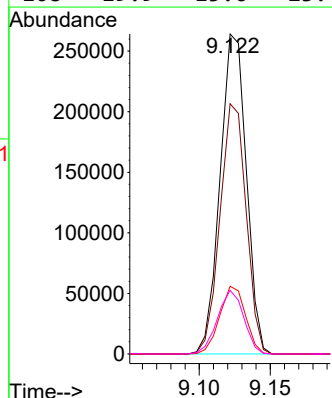
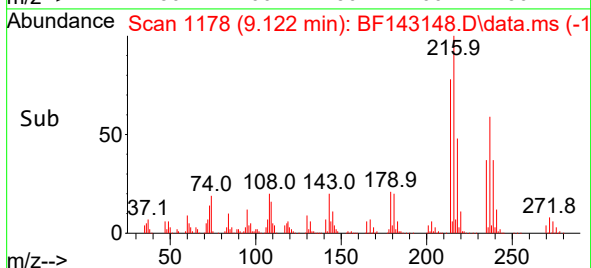
Supervised By :Jagrut Upadhyay 07/18/2025

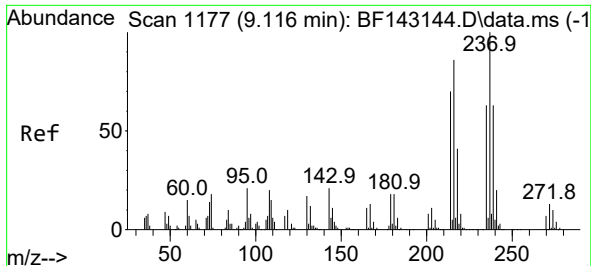


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.944 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



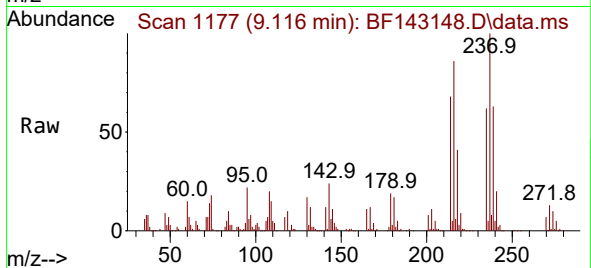
Tgt Ion:216 Resp: 339567
Ion Ratio Lower Upper
216 100
214 77.8 63.8 95.8
179 20.8 16.4 24.6
108 19.9 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 42.872 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

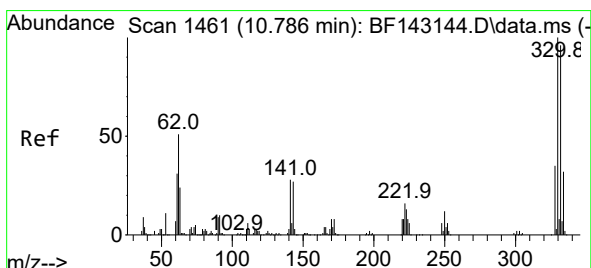
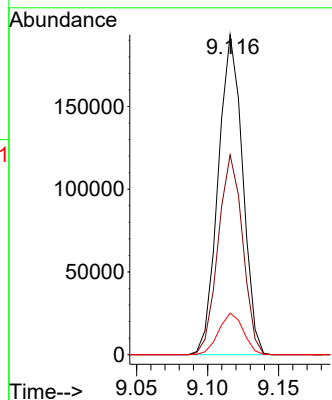
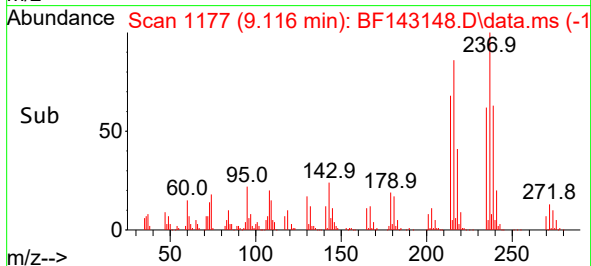
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



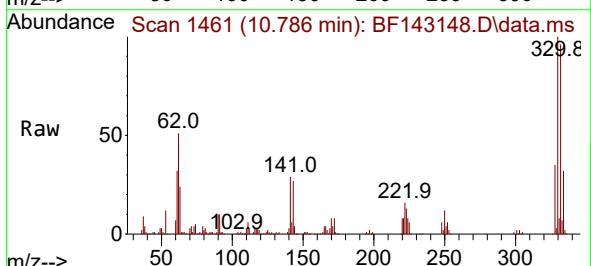
Tgt Ion:237 Resp: 231349
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.0 0.0 33.3

Manual Integrations
APPROVED

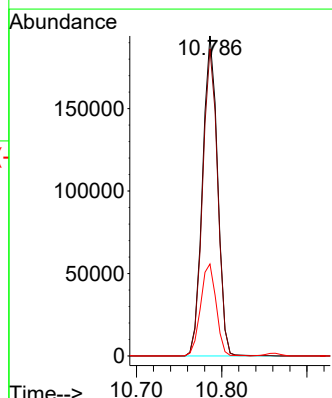
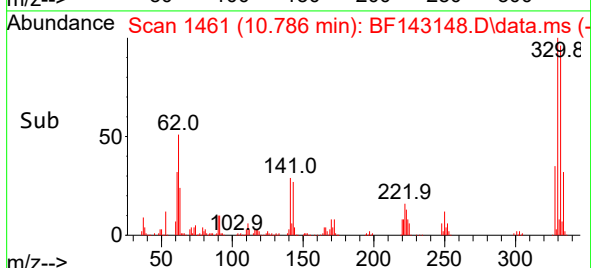
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

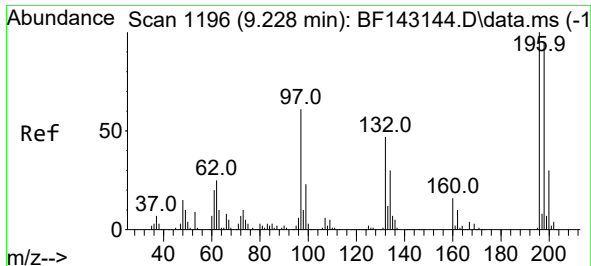


#42
2,4,6-Tribromophenol
Concen: 79.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:330 Resp: 237309
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 29.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 40.253 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:196 Resp: 23104

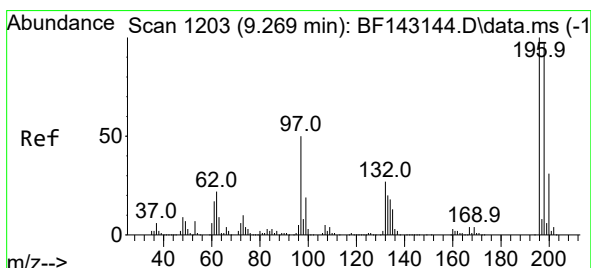
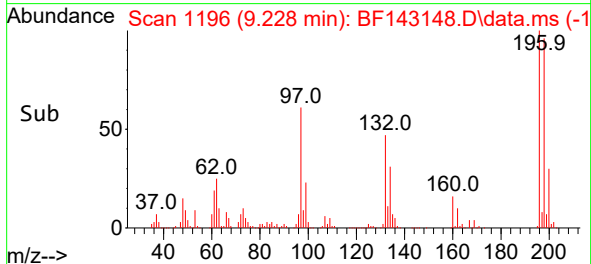
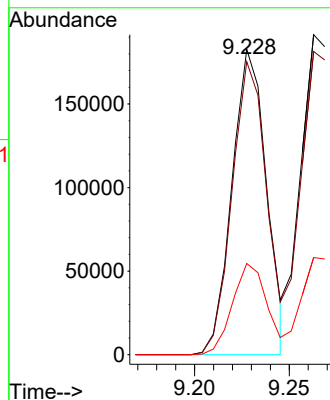
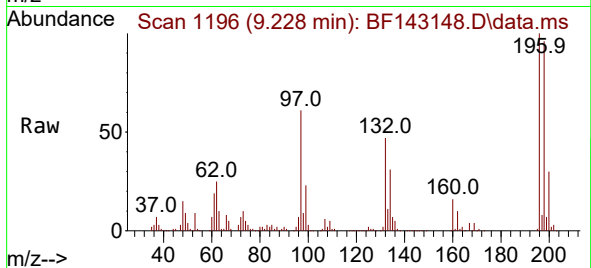
Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.2	114.2
200	29.9	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

Concen: 42.989 ng

RT: 9.263 min Scan# 1202

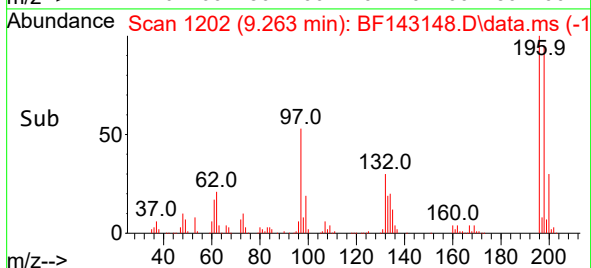
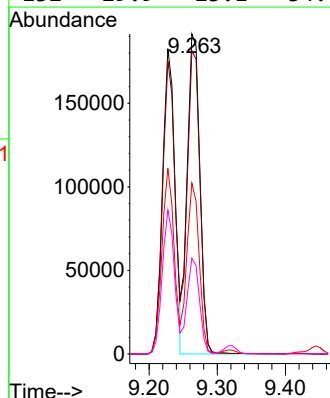
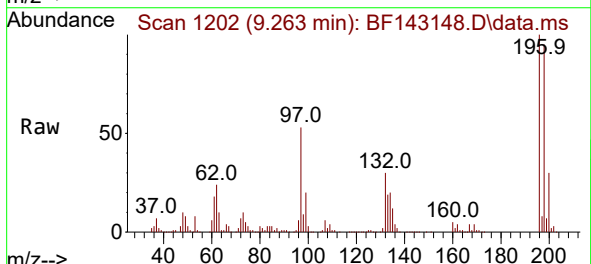
Delta R.T. -0.006 min

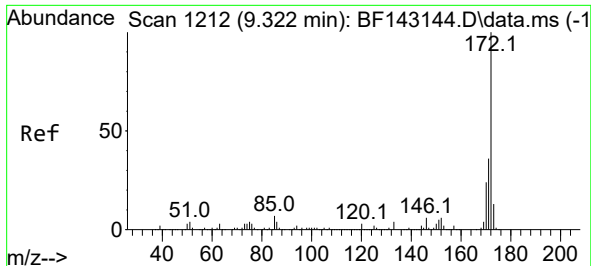
Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Tgt Ion:196 Resp: 246820

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	53.3	40.3	60.5
132	29.9	23.1	34.7





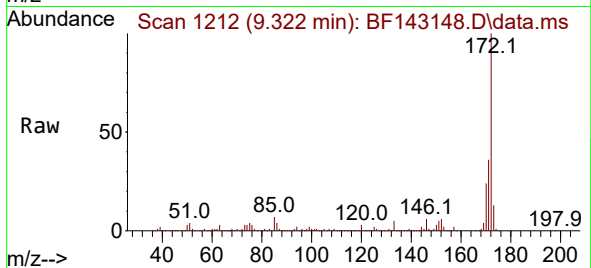
#45
2-Fluorobiphenyl
Concen: 68.992 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



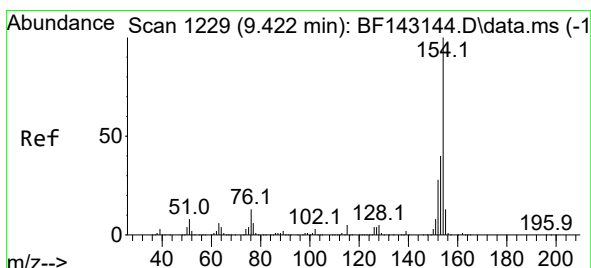
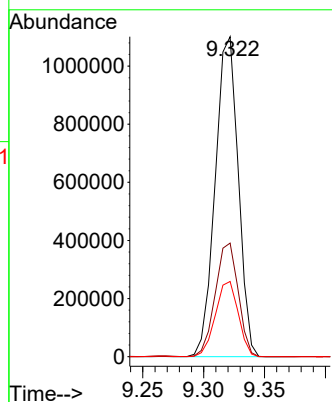
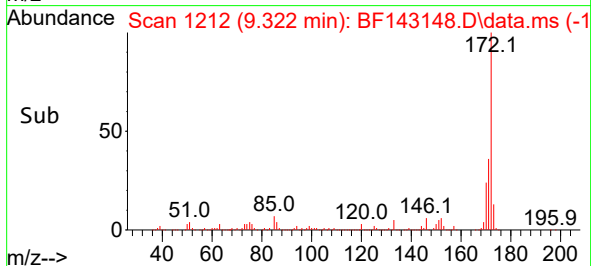
Tgt Ion:172 Resp: 1449098
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.8 28.2

Manual Integrations

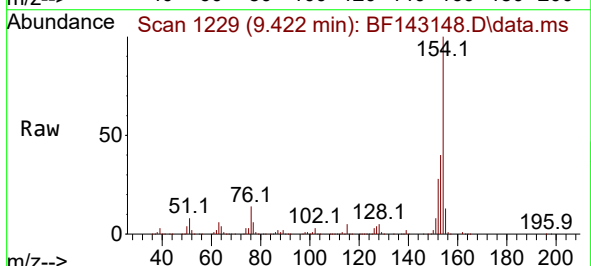
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

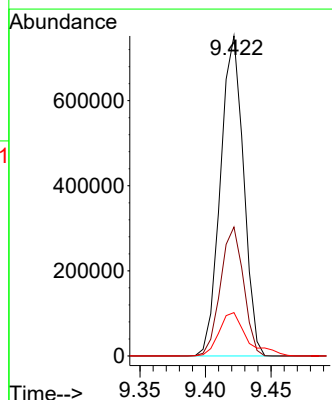
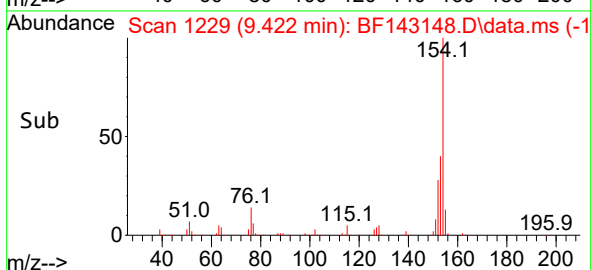
Supervised By :Jagrut Upadhyay 07/18/2025

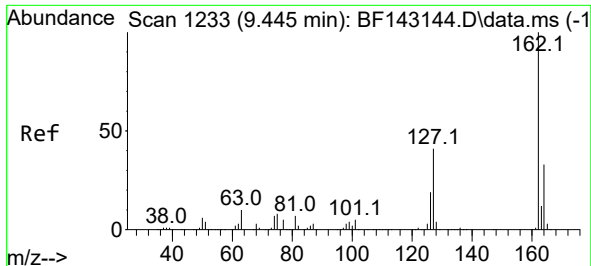


#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:154 Resp: 920059
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.184 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143148.D

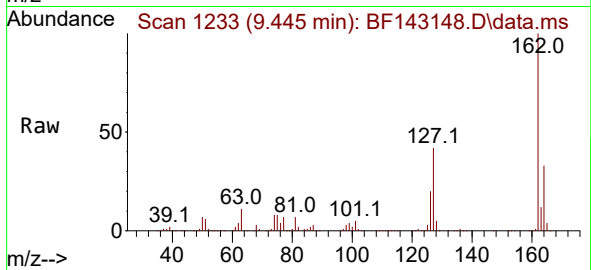
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:162 Resp: 666359

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

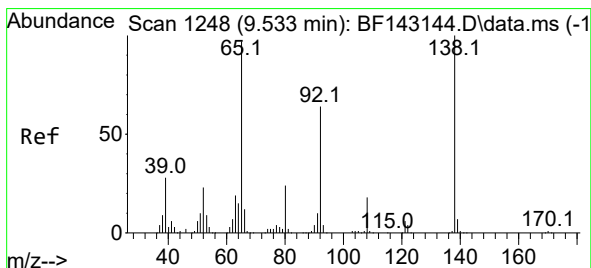
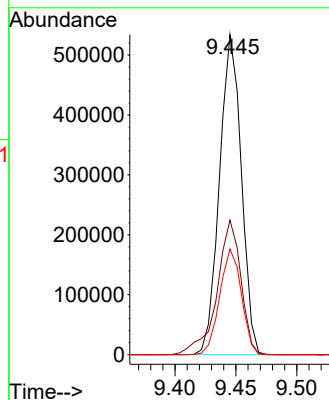
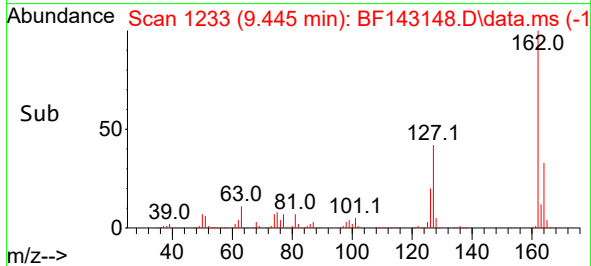
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 43.723 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

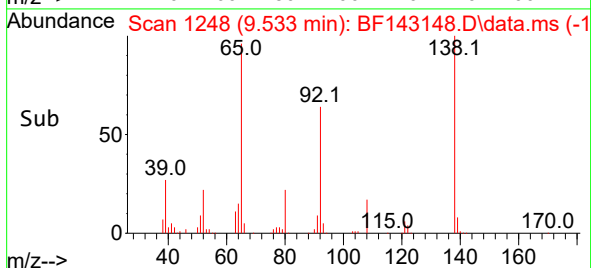
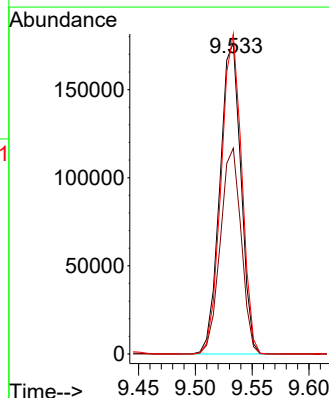
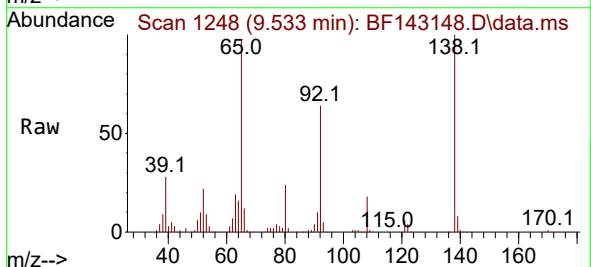
Tgt Ion: 65 Resp: 227376

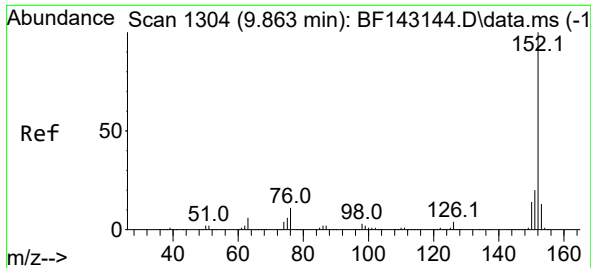
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 102.9 82.3 123.5





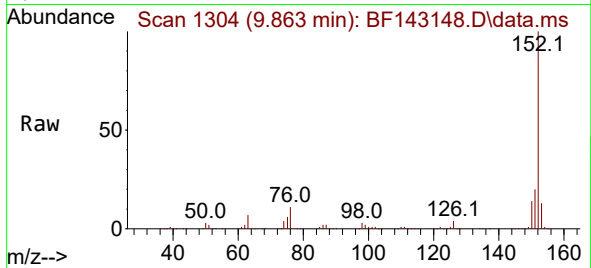
#49
Acenaphthylene
Concen: 40.013 ng
RT: 9.863 min Scan# 1111992
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



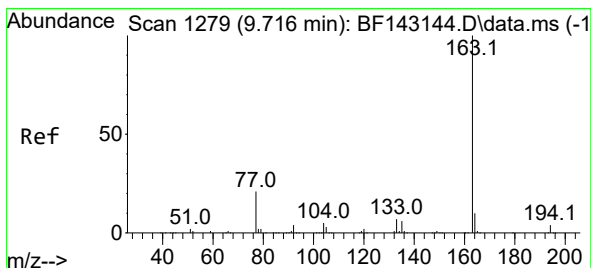
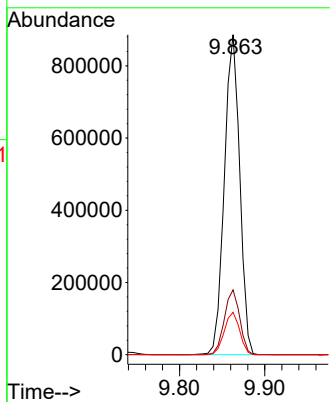
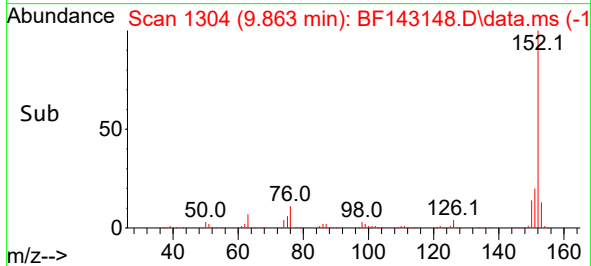
Tgt Ion:152 Resp: 1111992
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.3 10.6 16.0

Manual Integrations

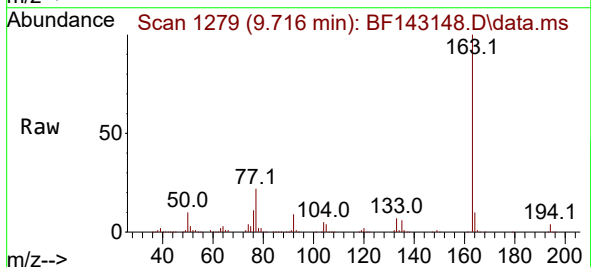
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

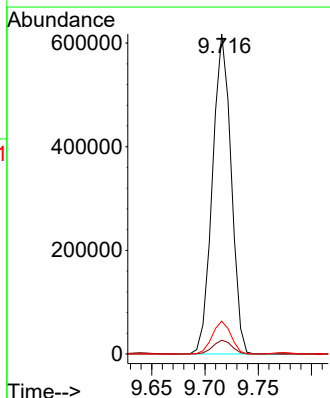
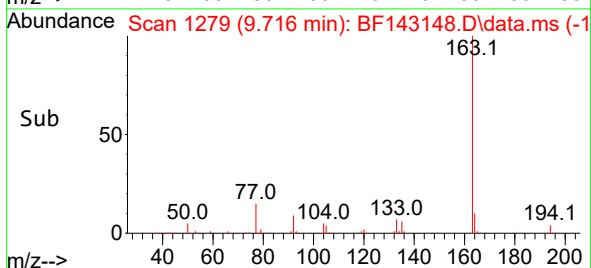
Supervised By :Jagrut Upadhyay 07/18/2025

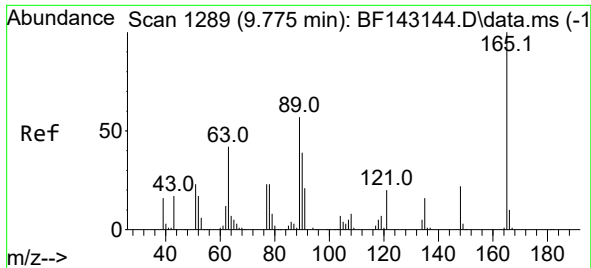


#50
Dimethylphthalate
Concen: 40.218 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:163 Resp: 753041
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.3 12.5





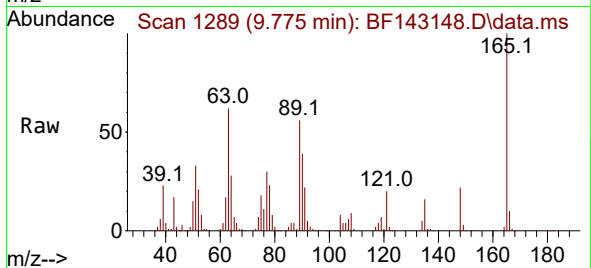
#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



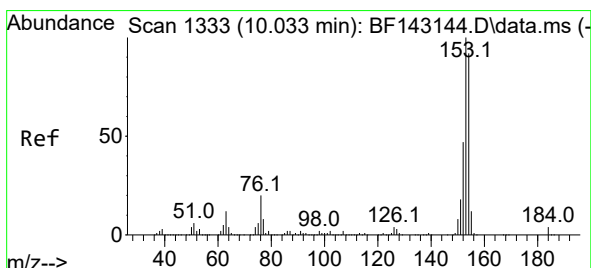
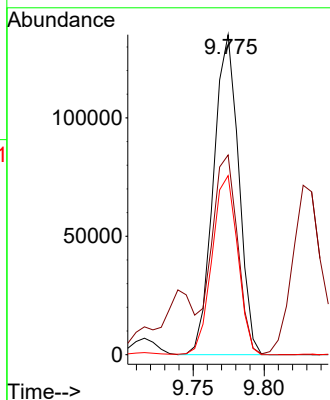
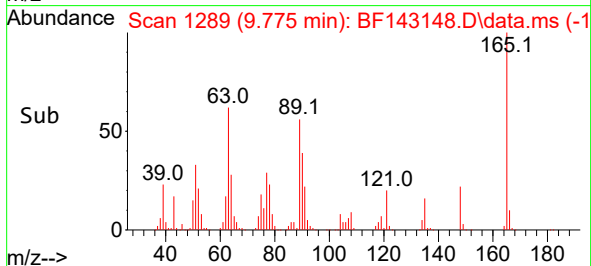
Tgt Ion:165 Resp: 16691
Ion Ratio Lower Upper
165 100
63 62.4 49.4 74.2
89 56.0 46.2 69.2

Manual Integrations

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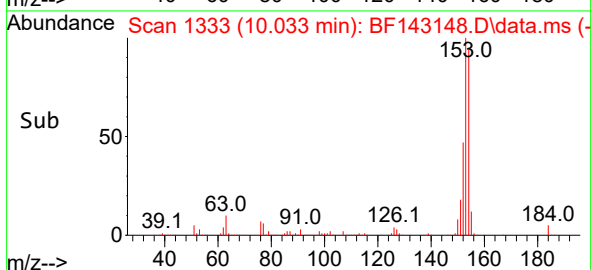
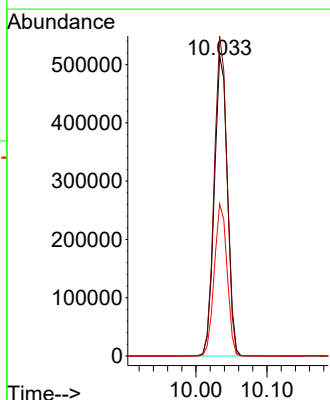
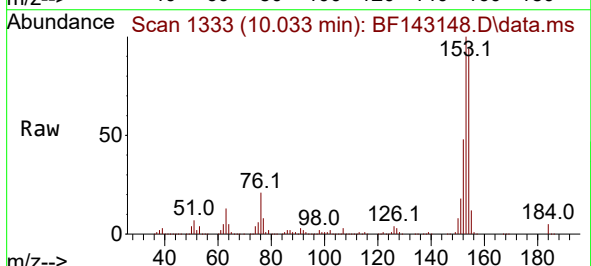
Reviewed By :Rahul Chavli 07/18/2025

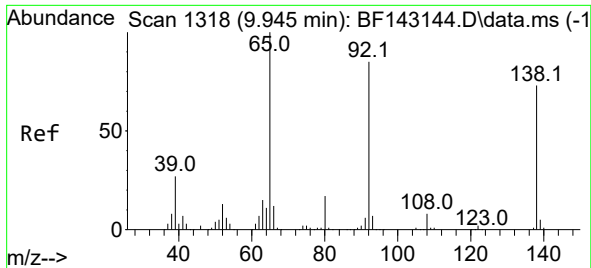
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908
Ion Ratio Lower Upper
154 100
153 106.6 86.6 129.8
152 50.7 40.4 60.6





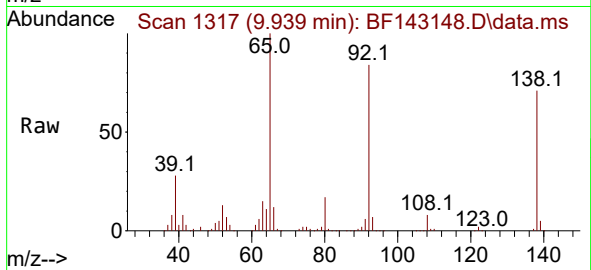
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



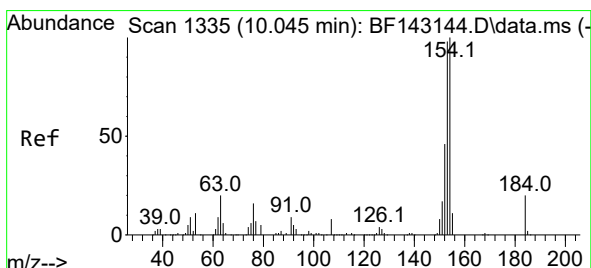
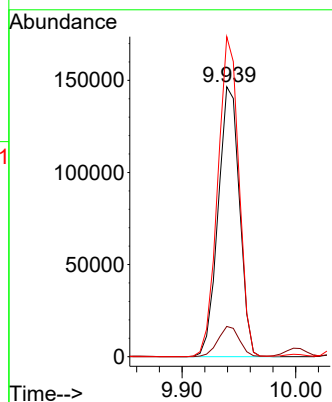
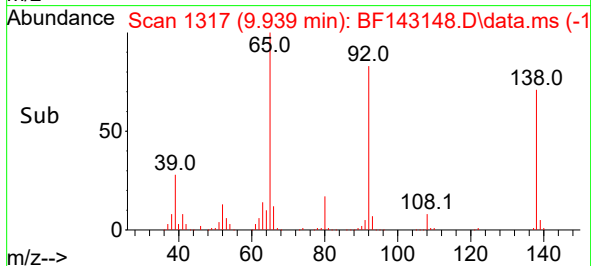
Tgt Ion:138 Resp: 191512
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 118.6 93.0 139.4

Manual Integrations

APPROVED

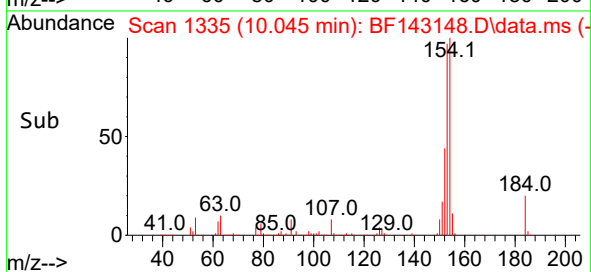
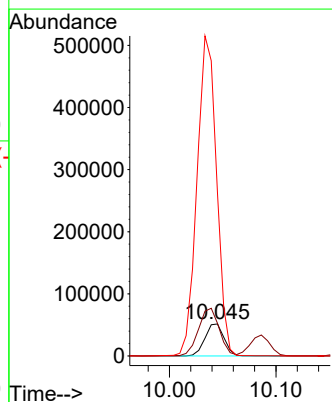
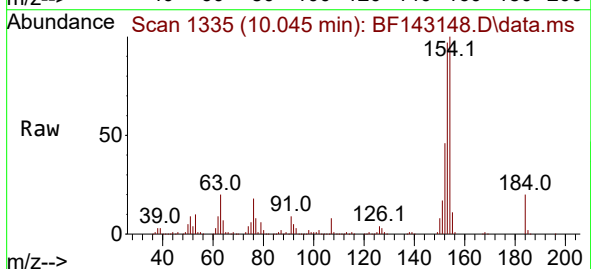
Reviewed By :Rahul Chavli 07/18/2025

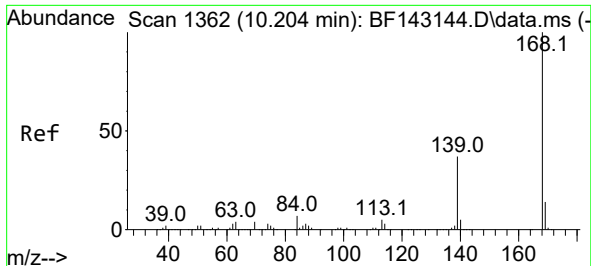
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

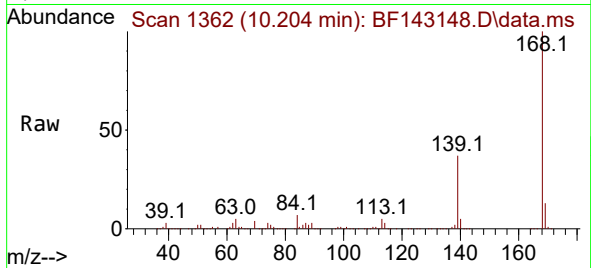
Tgt Ion:184 Resp: 64659
Ion Ratio Lower Upper
184 100
63 102.3 81.8 122.6
154 509.4 412.2 618.4





#55
Dibenzenofuran
Concen: 39.981 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

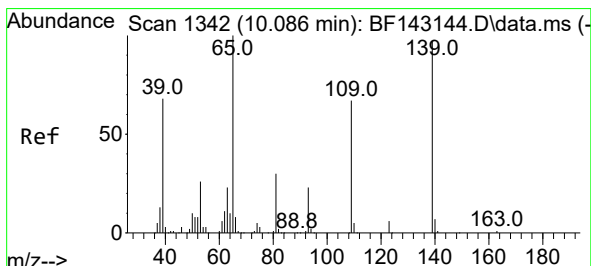
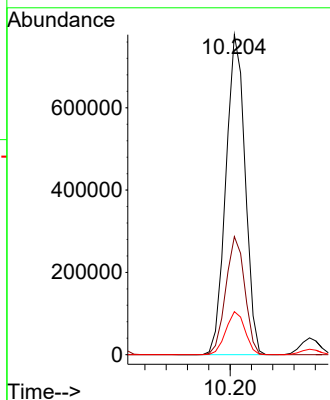
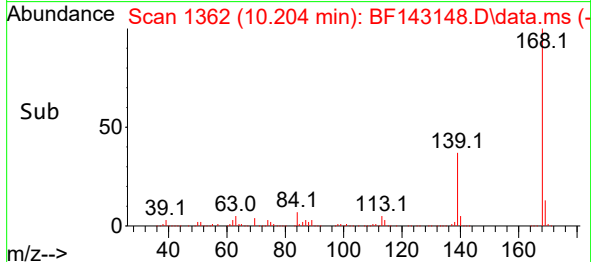
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:168 Resp: 97499
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.5 10.9 16.3

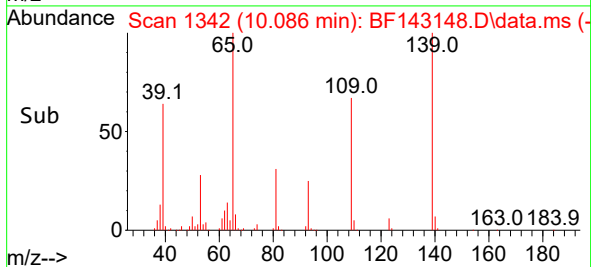
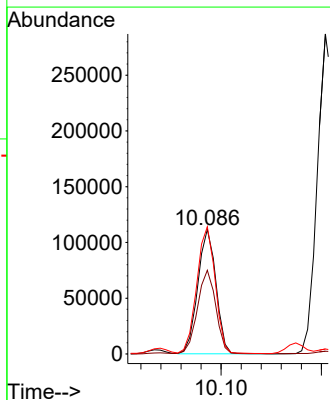
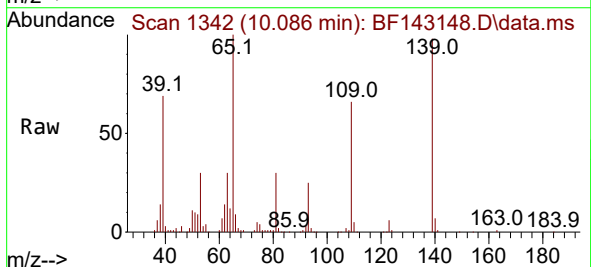
Manual Integrations
APPROVED

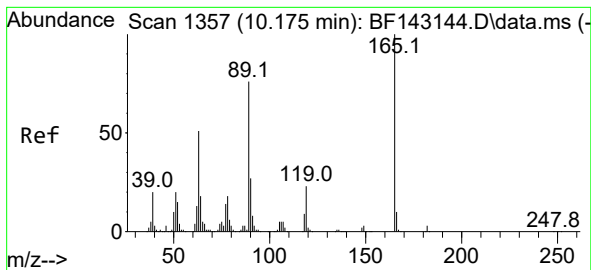
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 42.344 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

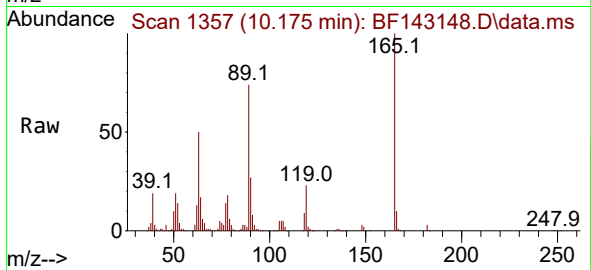
Tgt Ion:139 Resp: 140876
Ion Ratio Lower Upper
139 100
109 67.2 48.5 88.5
65 102.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

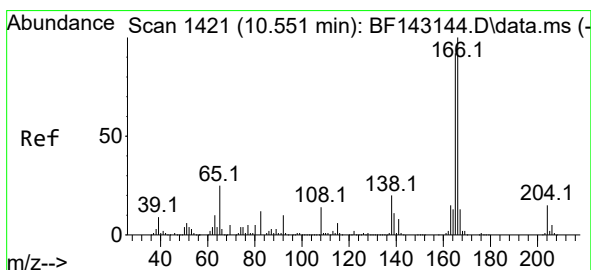
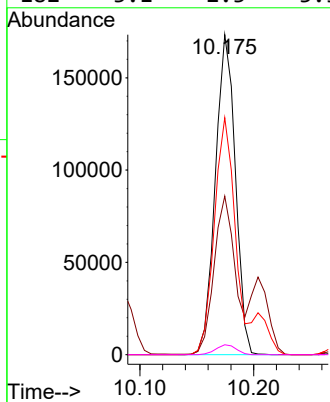
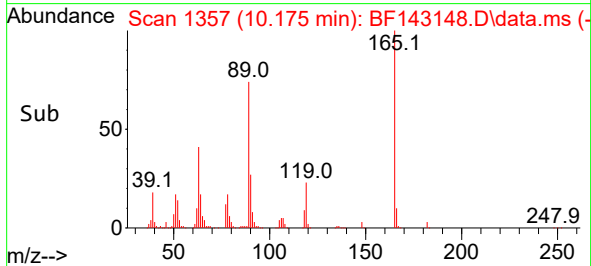
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



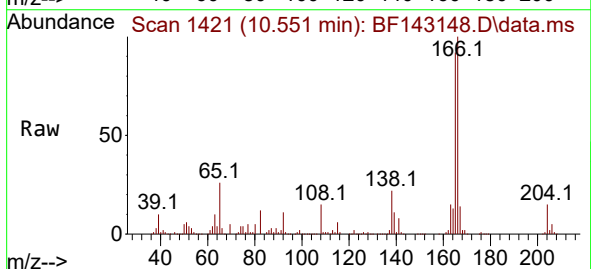
Tgt Ion:165 Resp: 212369
Ion Ratio Lower Upper
165 100
63 49.5 41.0 61.4
89 74.0 61.1 91.7
182 3.1 2.3 3.5

Manual Integrations
APPROVED

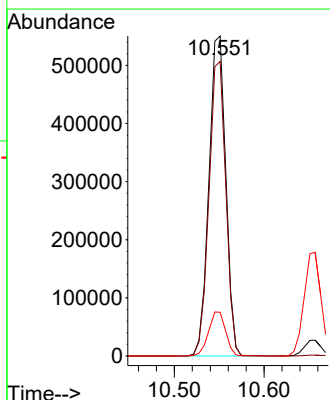
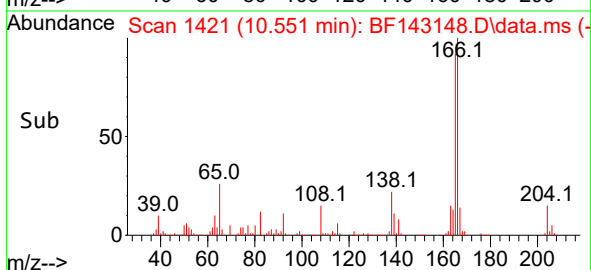
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

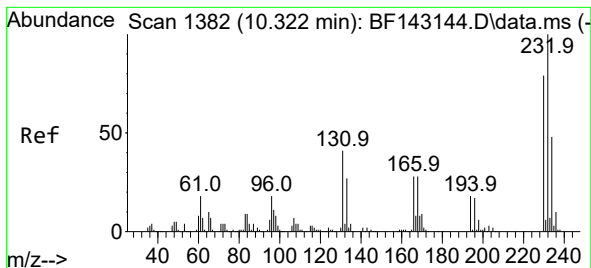


#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



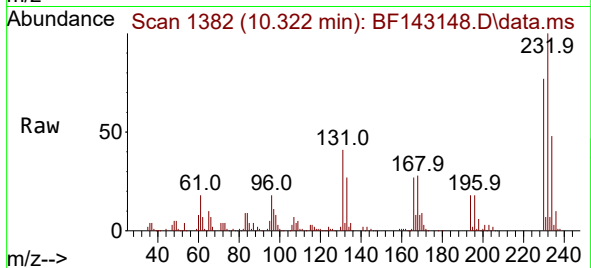
Tgt Ion:166 Resp: 717816
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

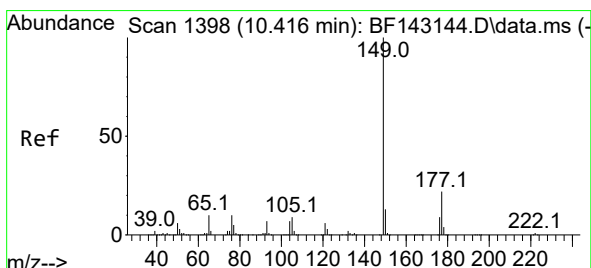
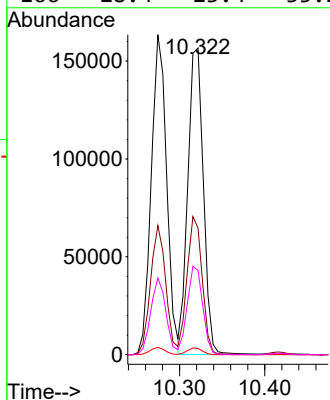
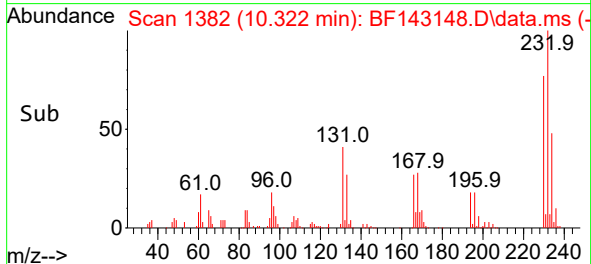
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



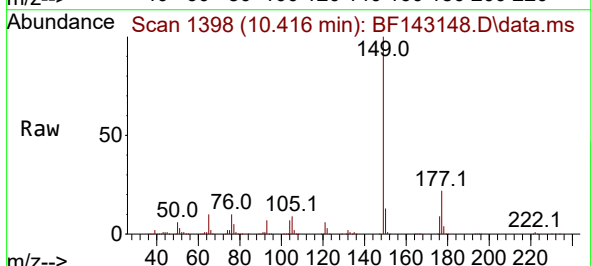
Tgt Ion:232 Resp: 198530
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.1 1.7 2.5
166 28.4 23.4 35.2

Manual Integrations
APPROVED

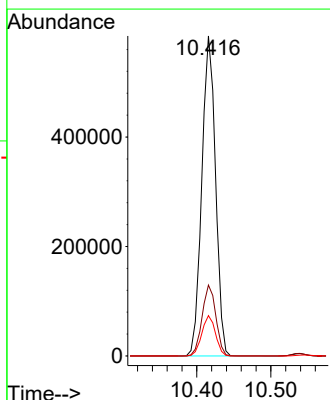
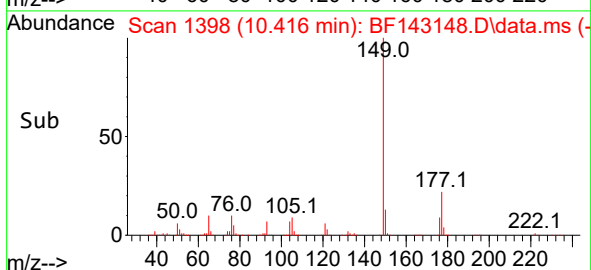
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

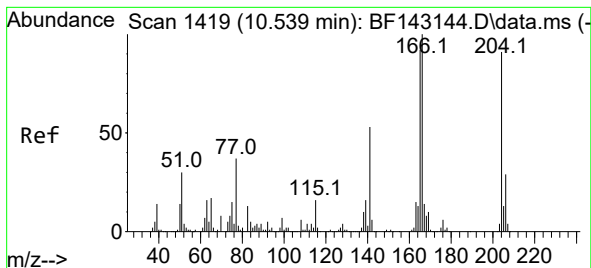


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



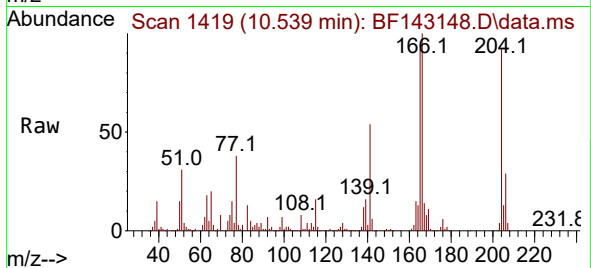
Tgt Ion:149 Resp: 753774
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

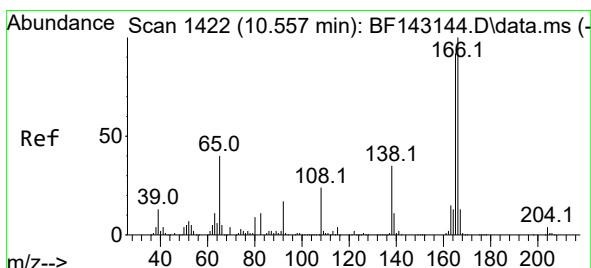
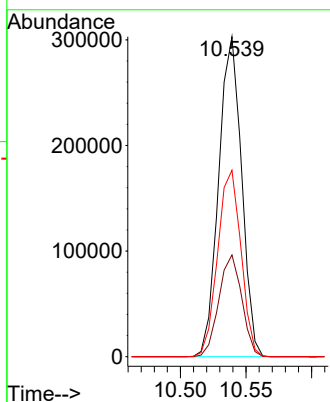
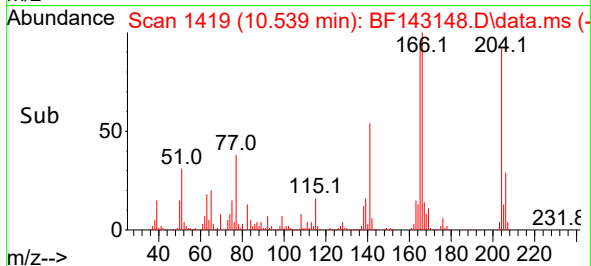
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



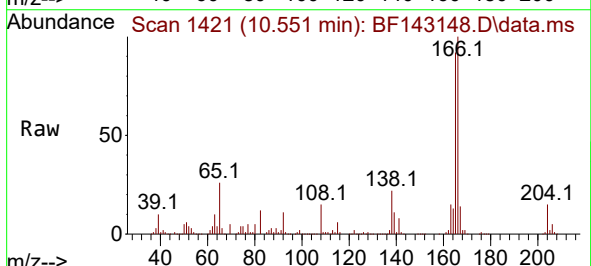
Tgt Ion:204 Resp: 36798
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 58.3 47.0 70.4

Manual Integrations
APPROVED

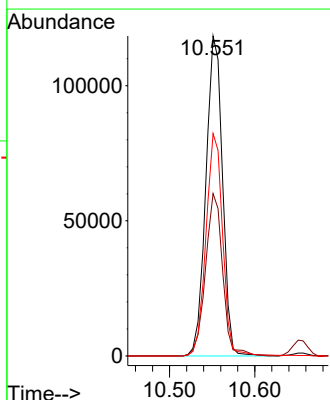
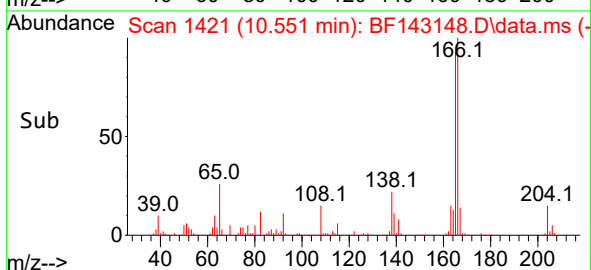
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

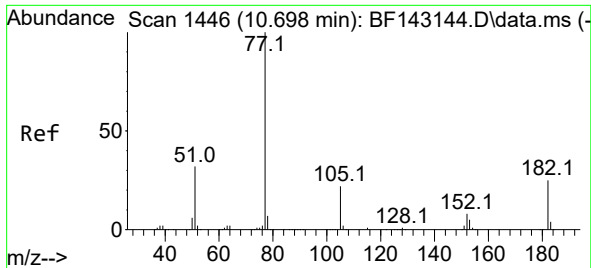


#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:138 Resp: 160193
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.5 48.3 88.3





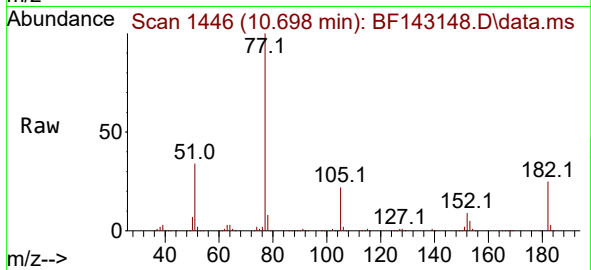
#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



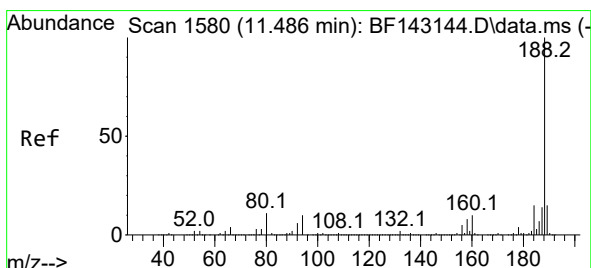
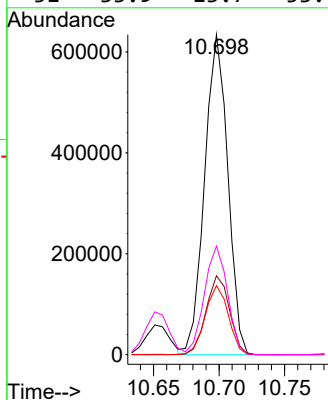
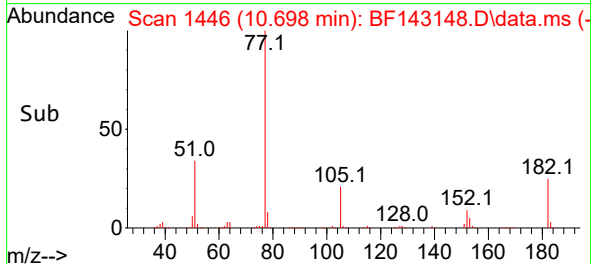
Tgt Ion: 77 Resp: 779524
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.6 1.4 41.4
51 33.9 13.7 53.7

Manual Integrations

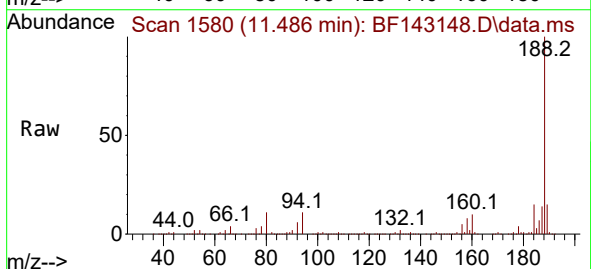
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

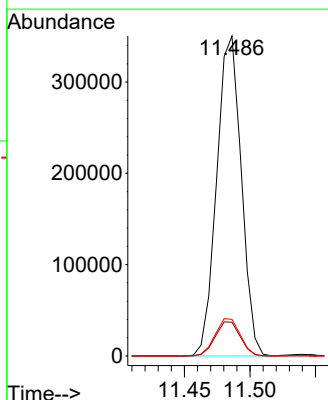
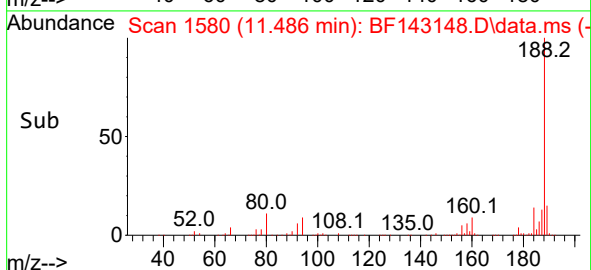
Supervised By :Jagrut Upadhyay 07/18/2025

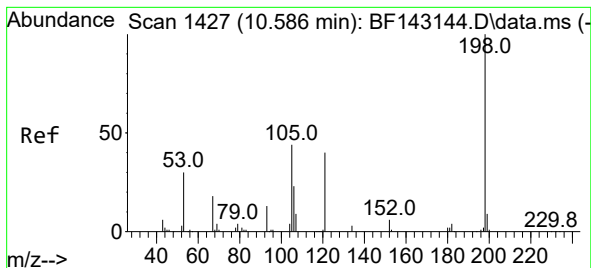


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:188 Resp: 457098
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.4 9.0 13.6





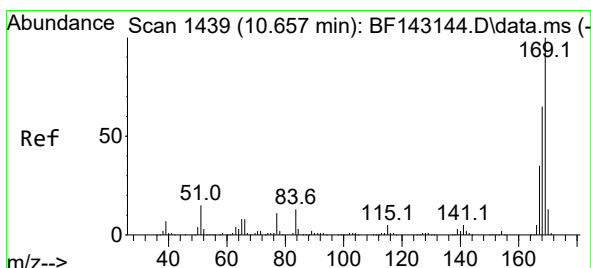
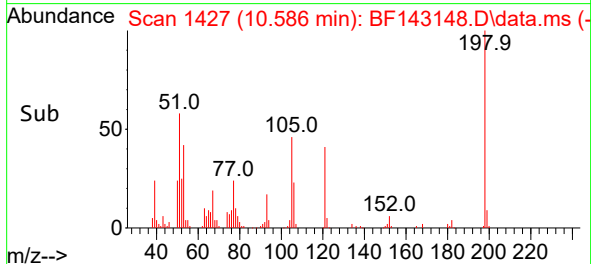
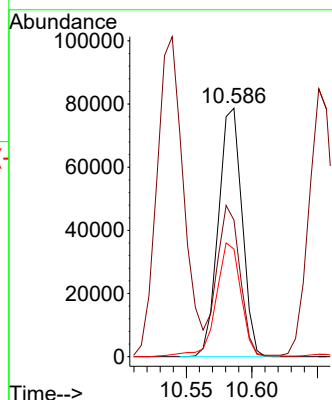
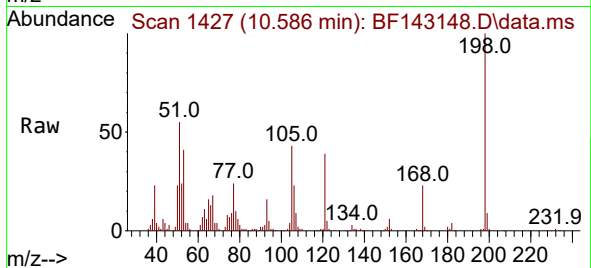
#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:198 Resp: 98462
Ion Ratio Lower Upper
198 100
51 55.0 37.2 77.2
105 43.3 24.8 64.8

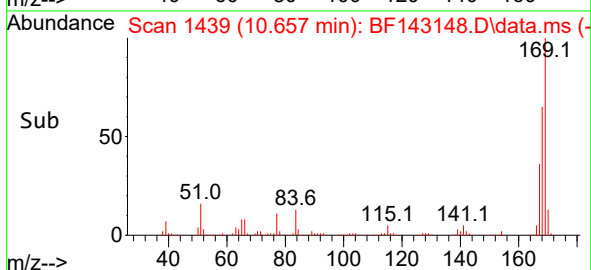
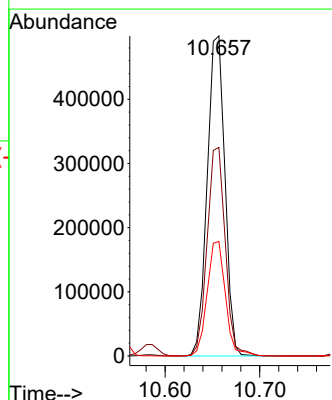
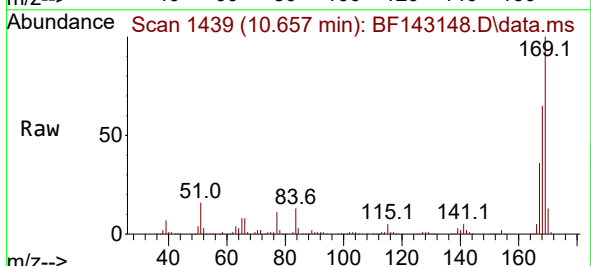
Manual Integrations
APPROVED

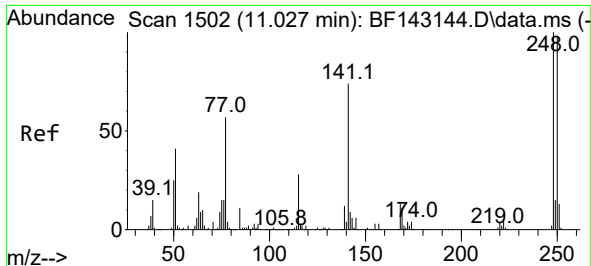
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

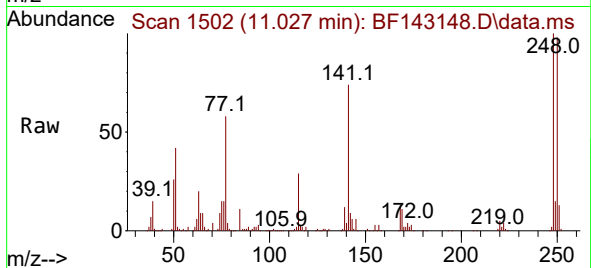
Tgt Ion:169 Resp: 647855
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.8 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

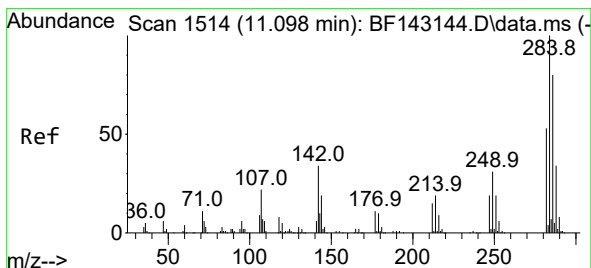
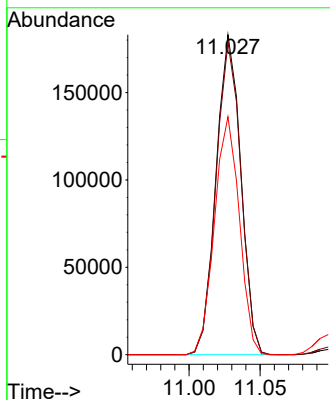
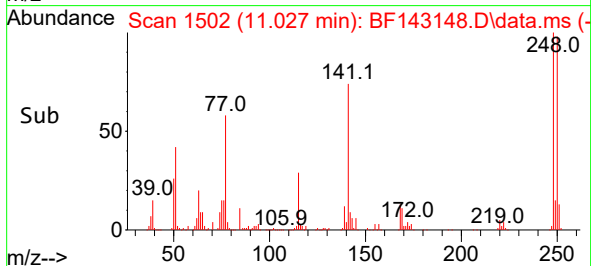
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



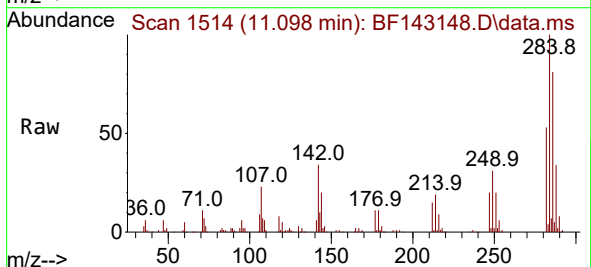
Tgt Ion:248 Resp: 222400
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 74.3 59.2 88.8

Manual Integrations
APPROVED

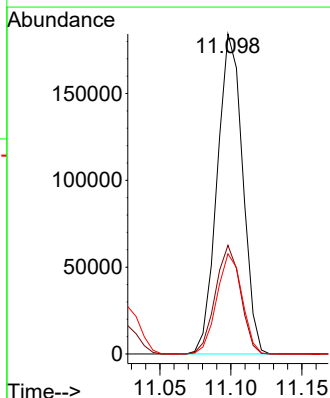
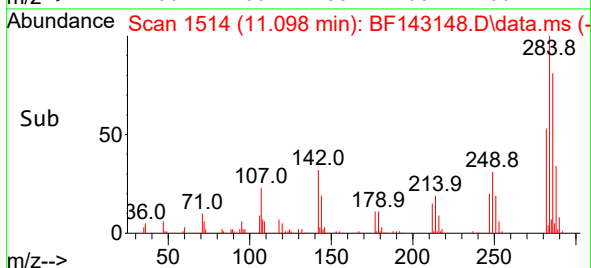
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

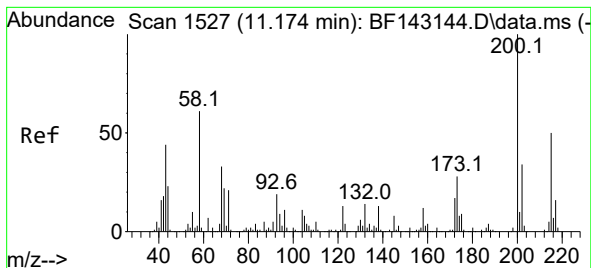


#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:284 Resp: 229272
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 42.615 ng

RT: 11.174 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:200 Resp: 189104

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

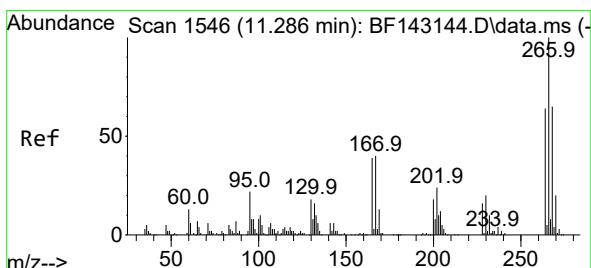
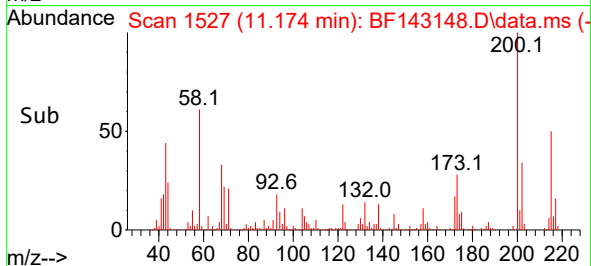
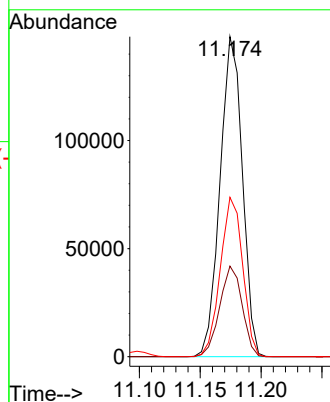
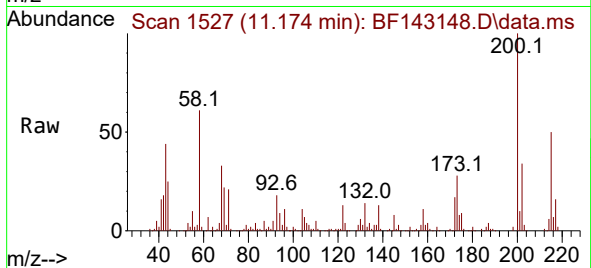
215 49.8 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 42.292 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

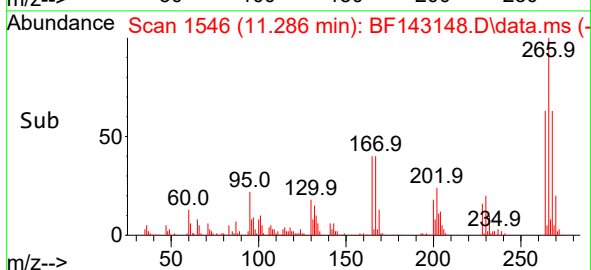
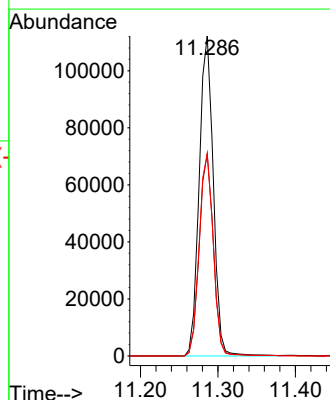
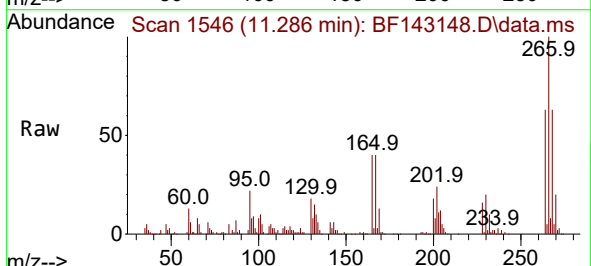
Tgt Ion:266 Resp: 141608

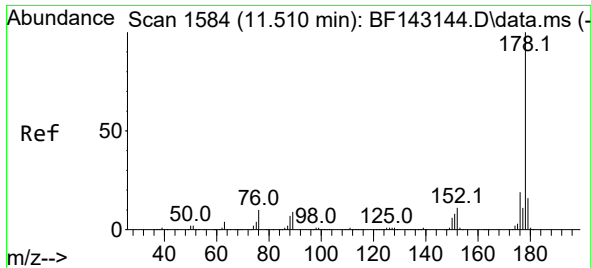
Ion Ratio Lower Upper

266 100

268 63.1 51.9 77.9

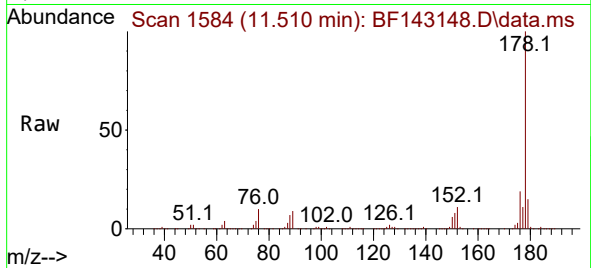
264 63.3 51.0 76.6





#71
Phenanthrene
Concen: 40.026 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

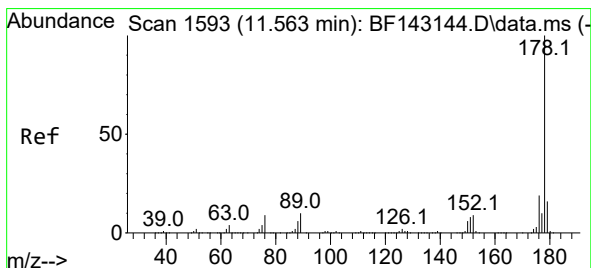
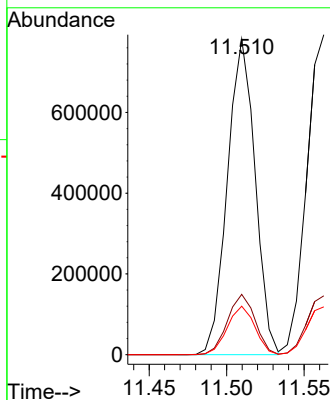
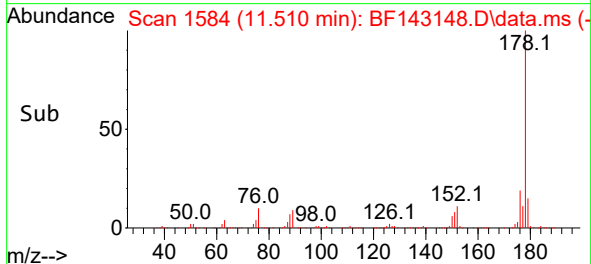
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:178 Resp: 971448
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.5 18.7

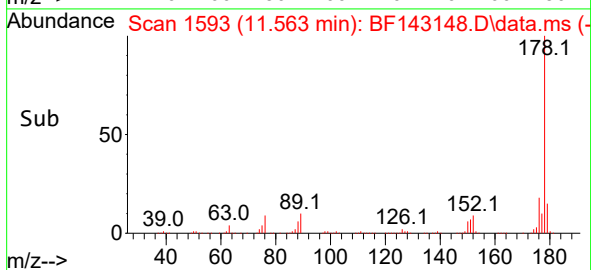
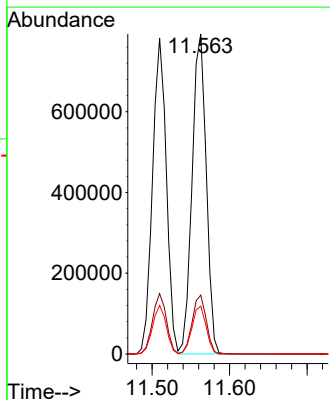
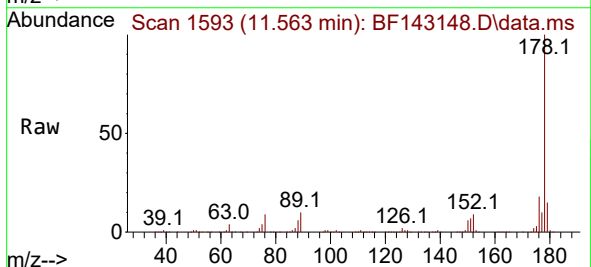
Manual Integrations
APPROVED

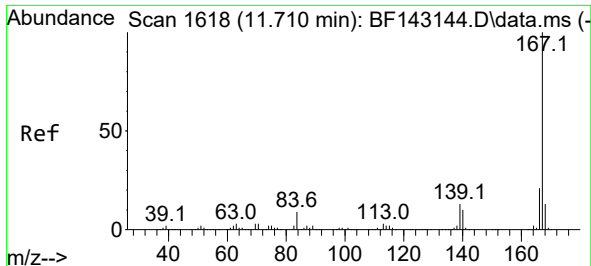
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 40.557 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

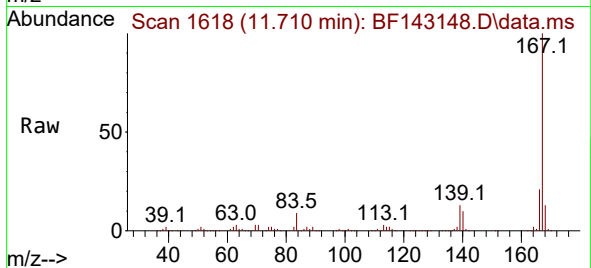
Tgt Ion:178 Resp: 1003925
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.0 12.5 18.7





#73
 Carbazole
 Concen: 40.476 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

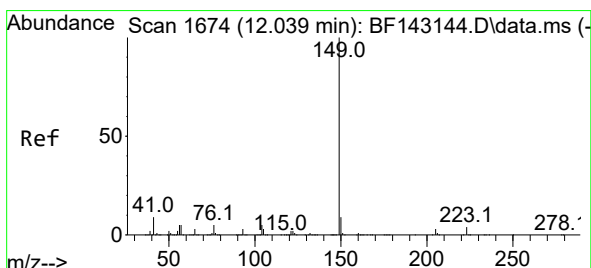
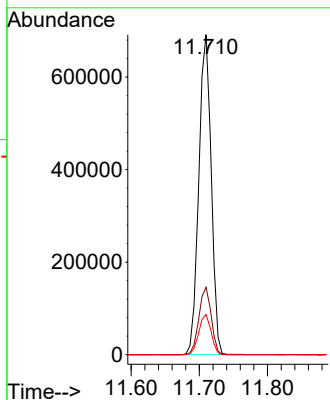
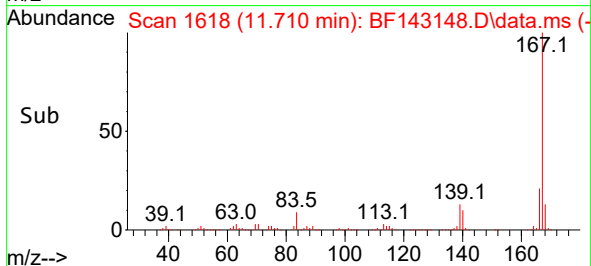
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725



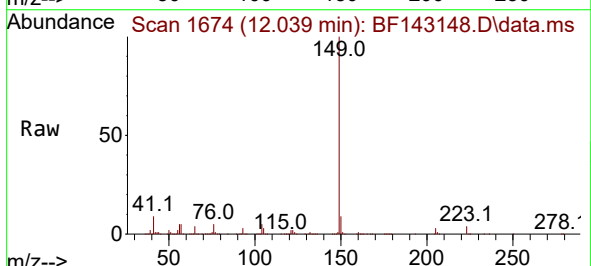
Tgt Ion:167 Resp: 87486
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.5 10.0 15.0

Manual Integrations
 APPROVED

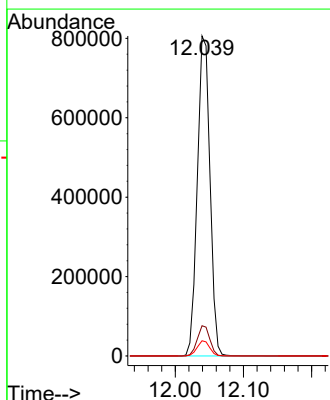
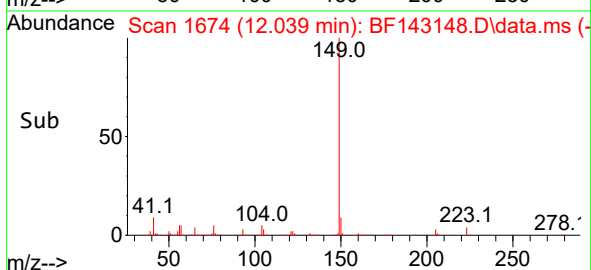
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

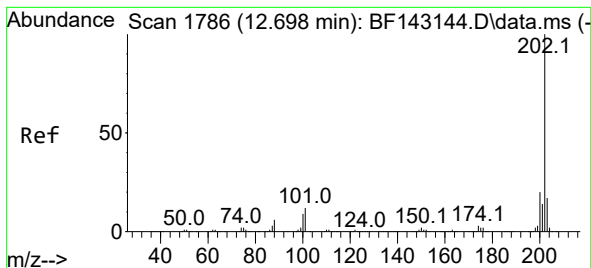


#74
 Di-n-butylphthalate
 Concen: 42.330 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06



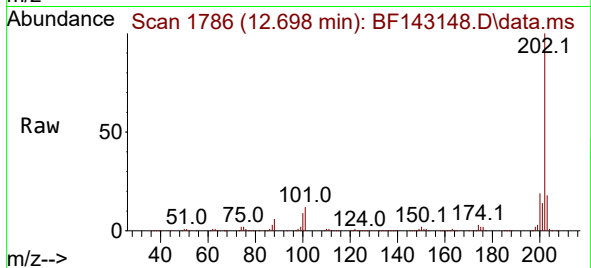
Tgt Ion:149 Resp: 1035244
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

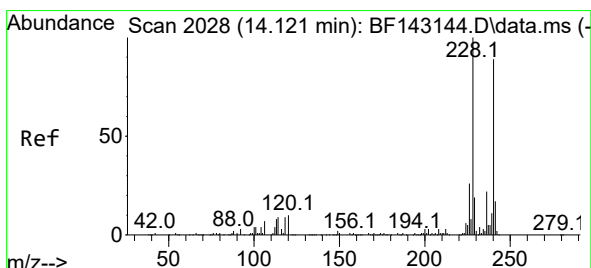
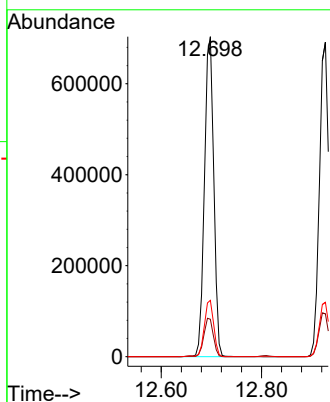
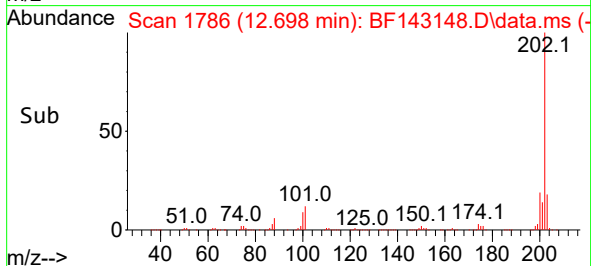
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



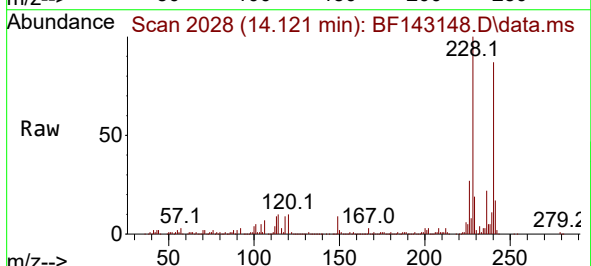
Tgt Ion:202 Resp: 90971
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.6 0.0 37.4

Manual Integrations
APPROVED

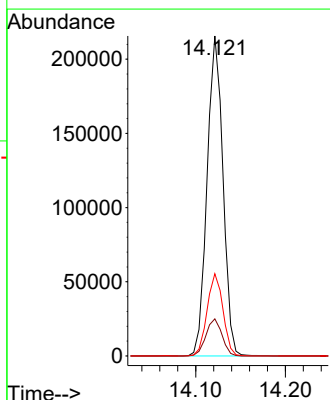
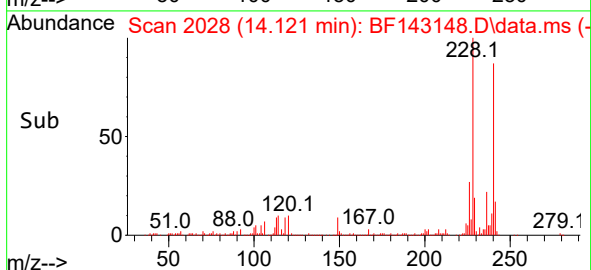
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

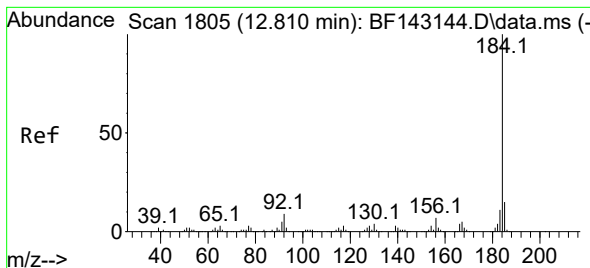


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:240 Resp: 265008
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.7 20.2 30.4





#77

Benzidine

Concen: 43.239 ng

RT: 12.810 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

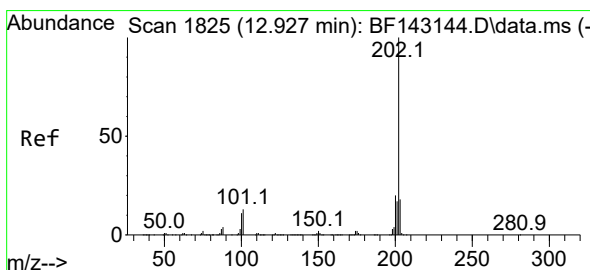
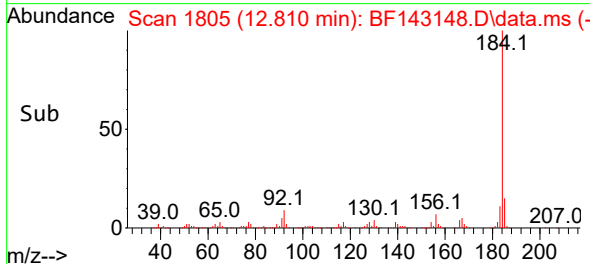
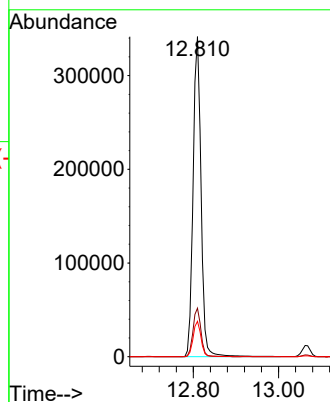
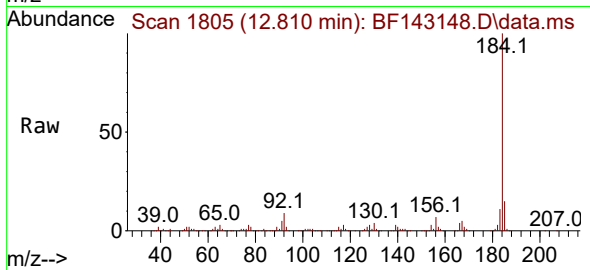
Tgt Ion:184 Resp: 441470
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.2 18.4
 183 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#78

Pyrene

Concen: 39.916 ng

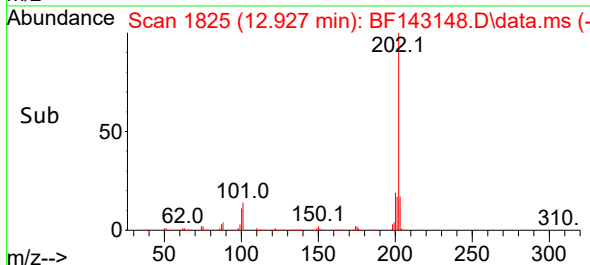
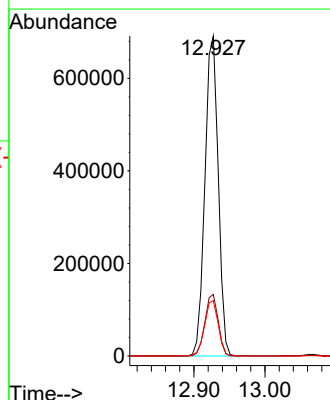
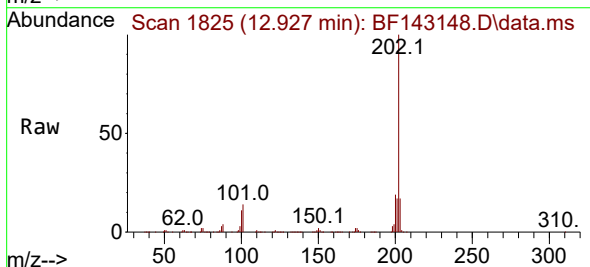
RT: 12.927 min Scan# 1825

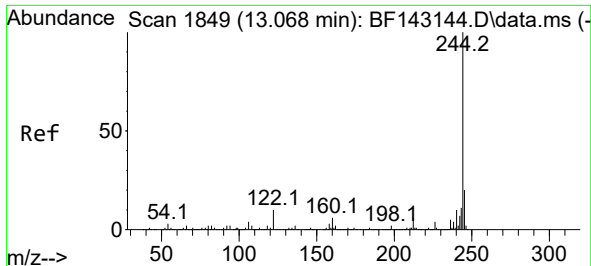
Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Tgt Ion:202 Resp: 902771
 Ion Ratio Lower Upper
 202 100
 200 19.3 15.7 23.5
 203 17.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 69.333 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

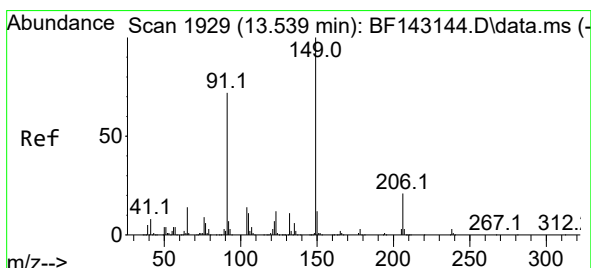
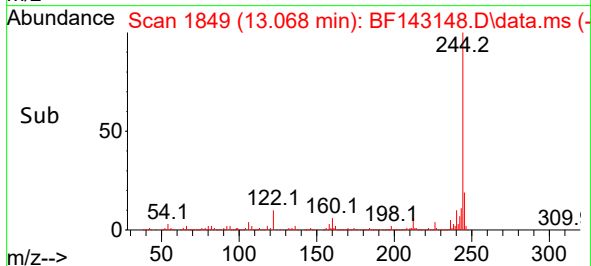
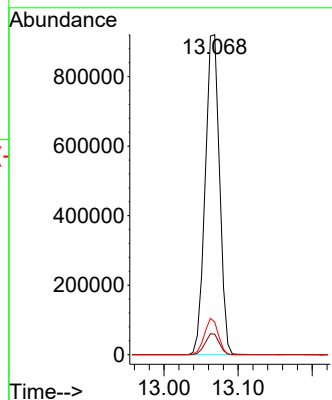
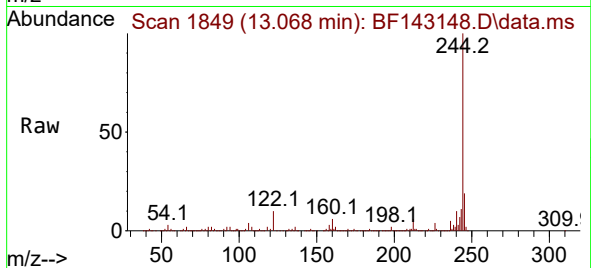
Tgt Ion:244 Resp: 123470
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.2 8.2 12.2

Manual Integrations

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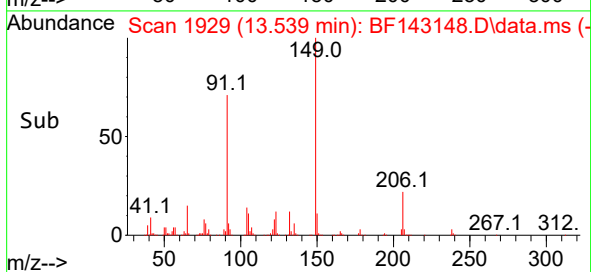
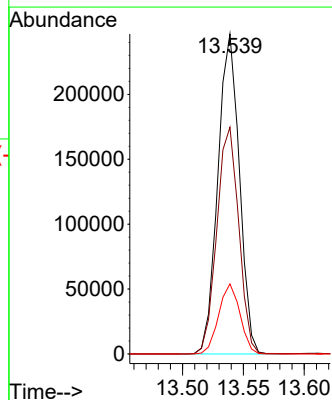
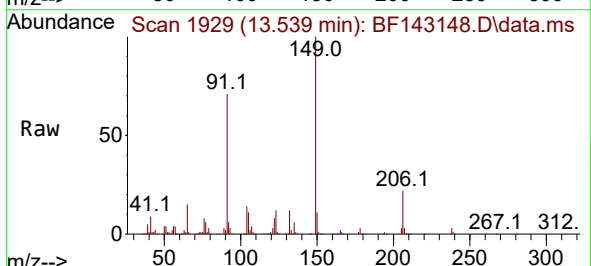
Reviewed By :Rahul Chavli 07/18/2025

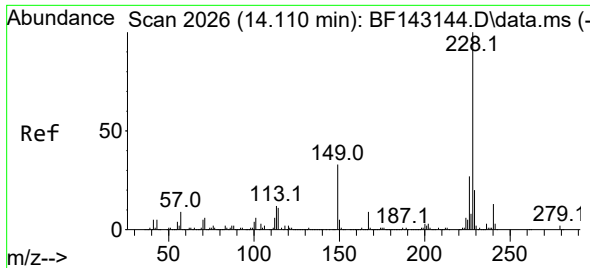
Supervised By :Jagrut Upadhyay 07/18/2025



#80
 Butylbenzylphthalate
 Concen: 43.827 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528
 Ion Ratio Lower Upper
 149 100
 91 70.9 57.9 86.9
 206 21.9 17.0 25.4





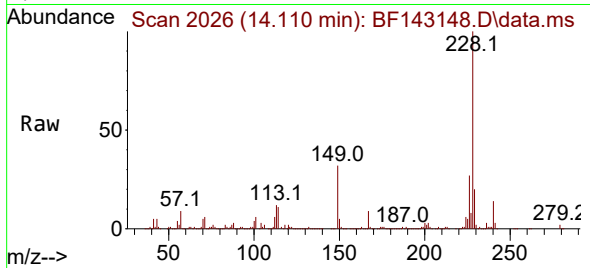
#81
 Benzo(a)anthracene
 Concen: 39.950 ng
 RT: 14.110 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



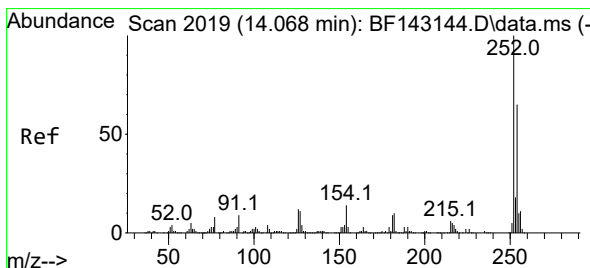
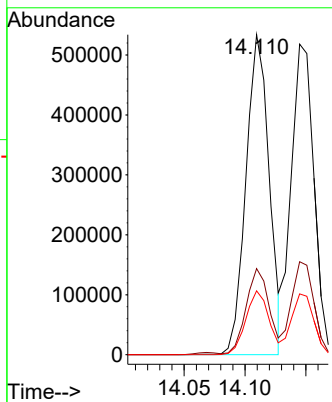
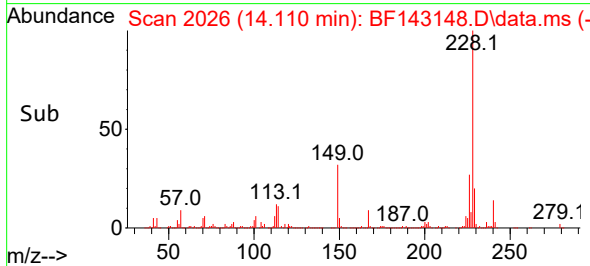
Tgt Ion:228 Resp: 708799
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.7 32.5
 229 20.0 15.8 23.6

Manual Integrations

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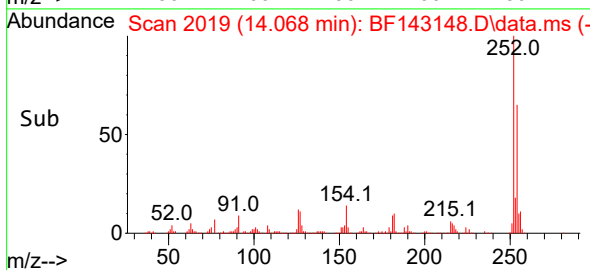
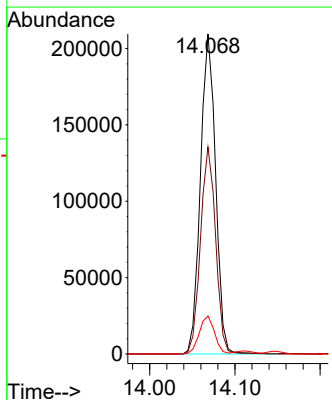
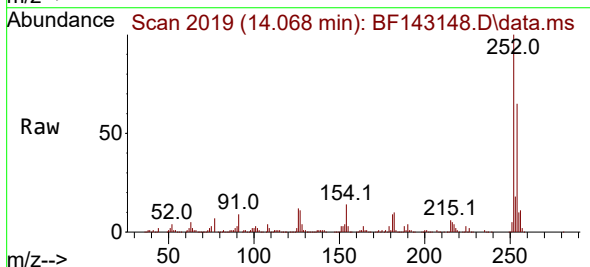
Reviewed By :Rahul Chavli 07/18/2025

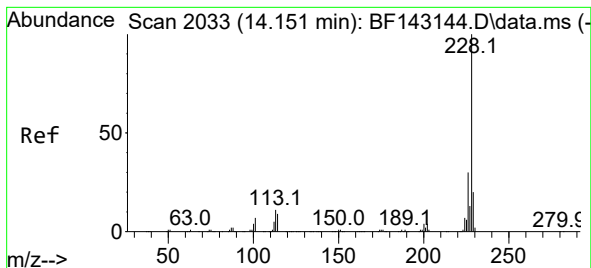
Supervised By :Jagrut Upadhyay 07/18/2025



#82
 3,3'-Dichlorobenzidine
 Concen: 43.772 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 258837
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.7 77.5
 126 11.9 9.4 14.0





#83

Chrysene

Concen: 42.233 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:228 Resp: 67370

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

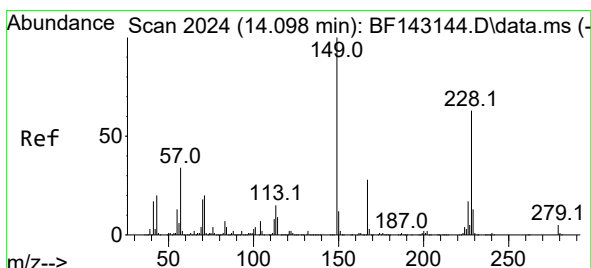
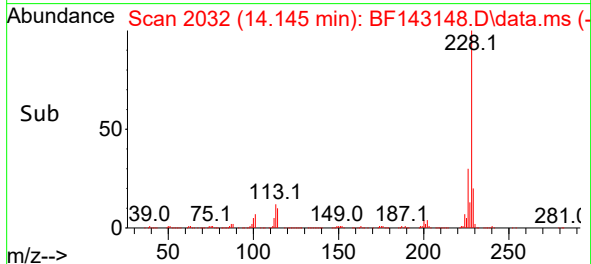
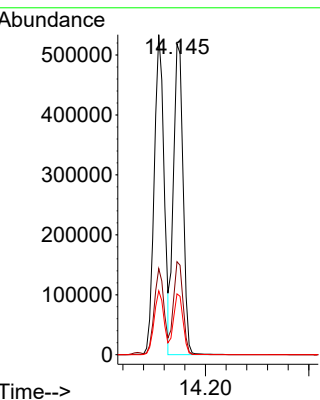
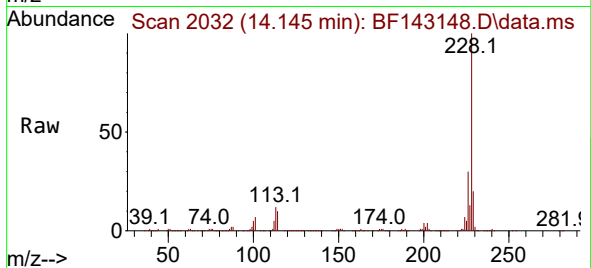
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.578 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

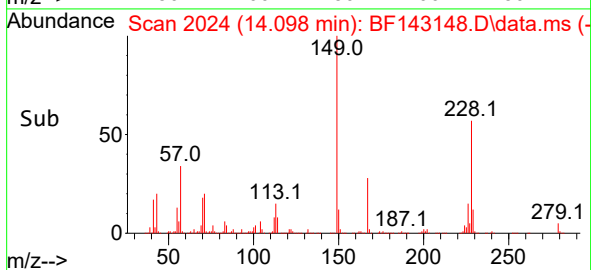
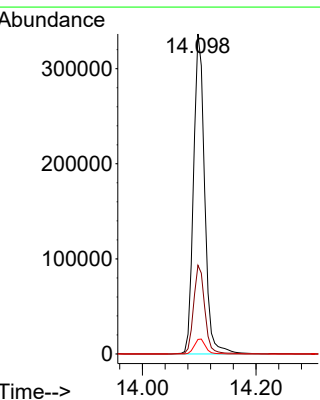
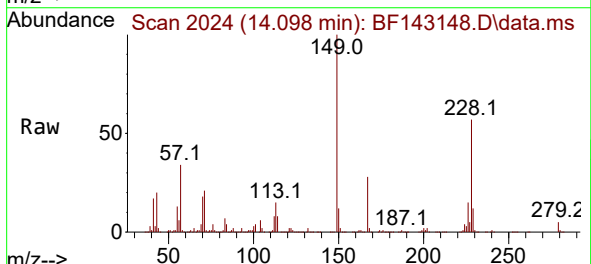
Tgt Ion:149 Resp: 456811

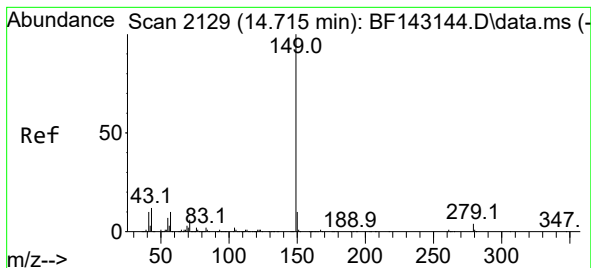
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.6 3.6 5.4





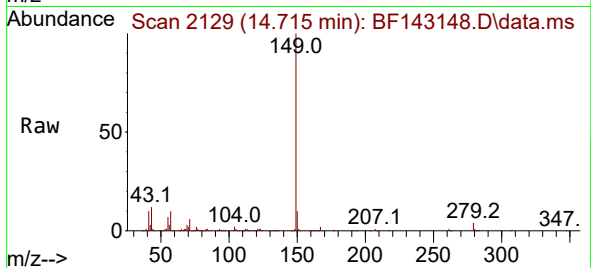
#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



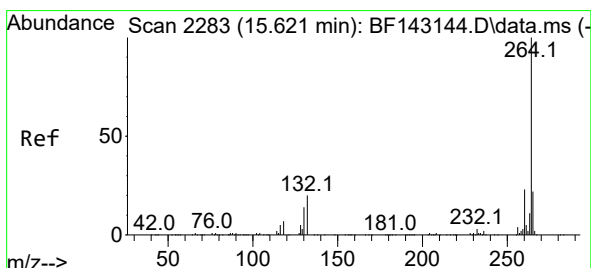
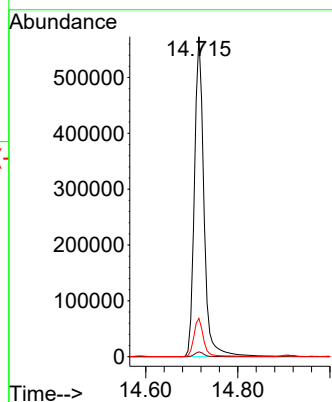
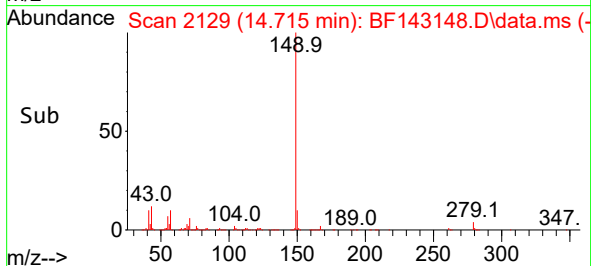
Tgt Ion:149 Resp: 818512
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.7 14.5

Manual Integrations

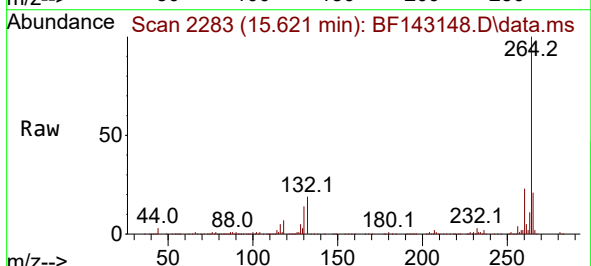
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

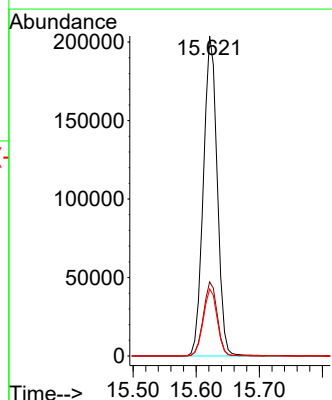
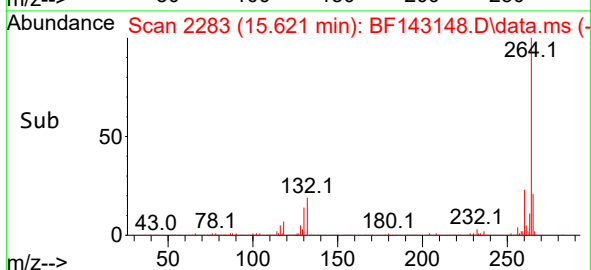
Supervised By :Jagrut Upadhyay 07/18/2025

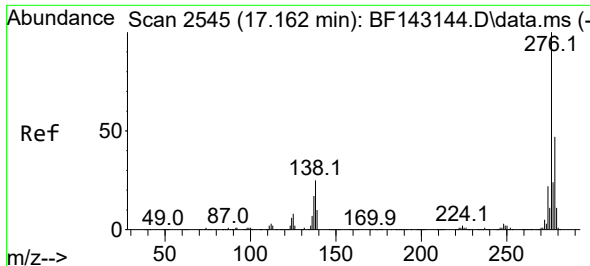


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:264 Resp: 310192
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.9 17.4 26.2





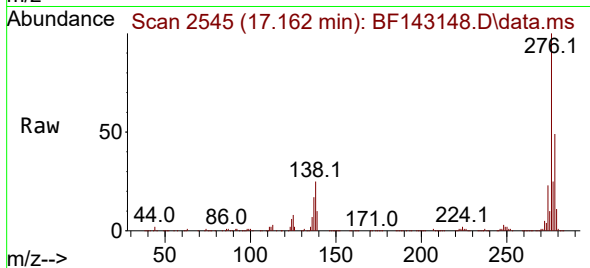
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



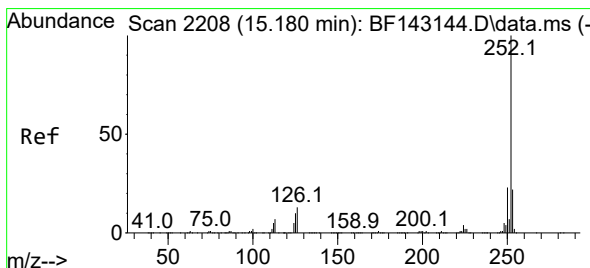
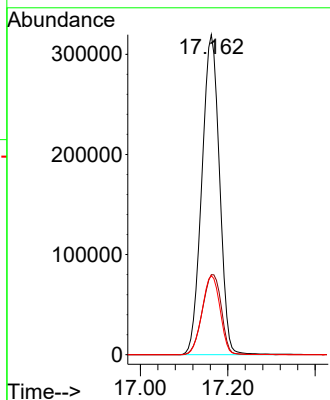
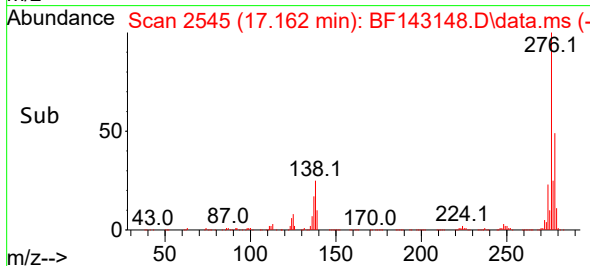
Tgt Ion:276 Resp: 896404
Ion Ratio Lower Upper
276 100
138 26.9 21.8 32.6
277 25.2 20.0 30.0

Manual Integrations

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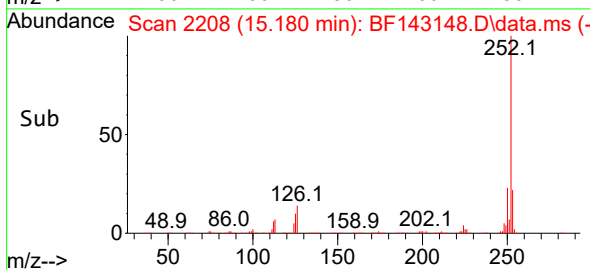
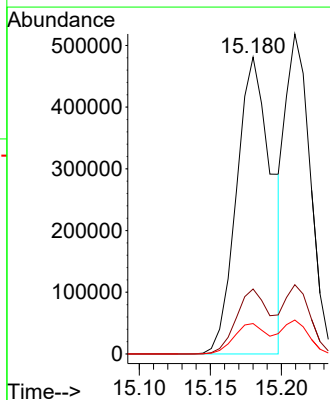
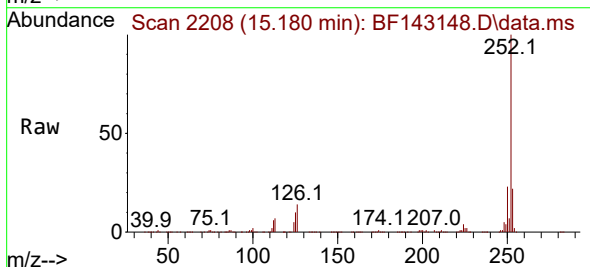
Reviewed By :Rahul Chavli 07/18/2025

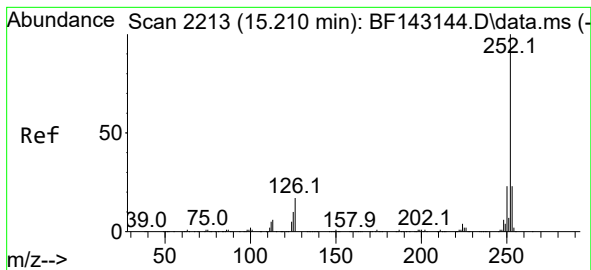
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:252 Resp: 820119
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 37.531 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:252 Resp: 63464

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

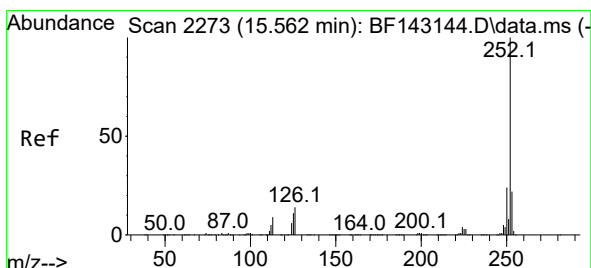
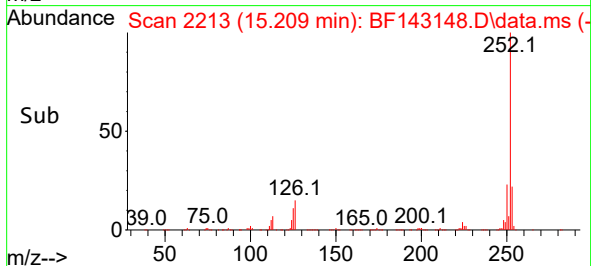
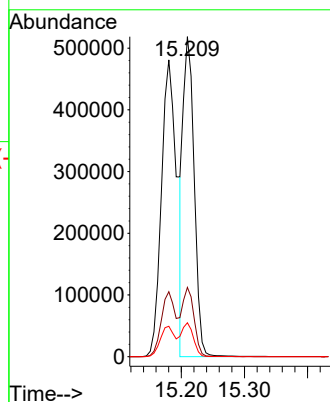
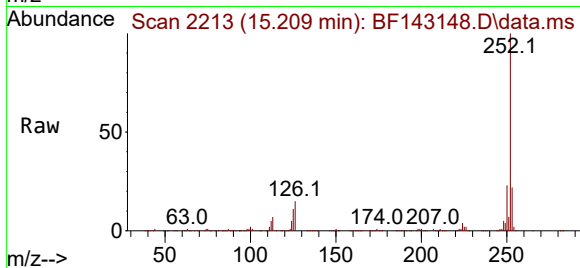
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 40.594 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

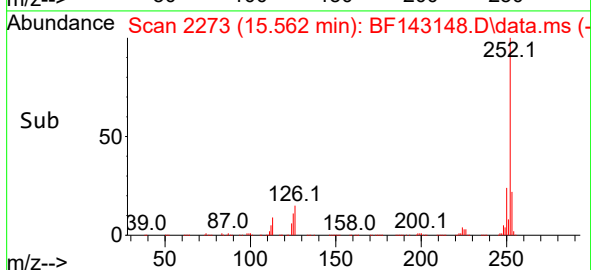
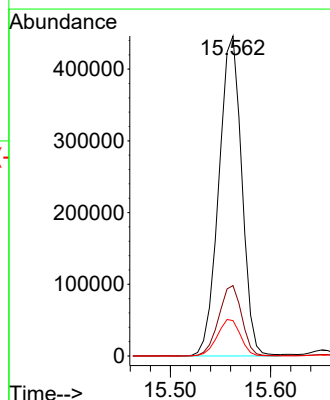
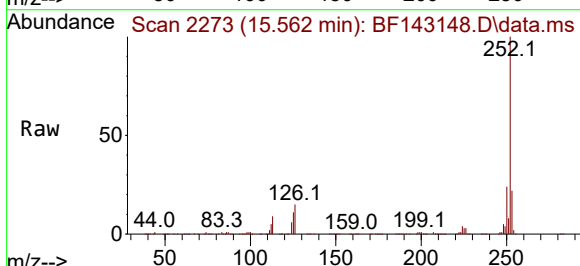
Tgt Ion:252 Resp: 708756

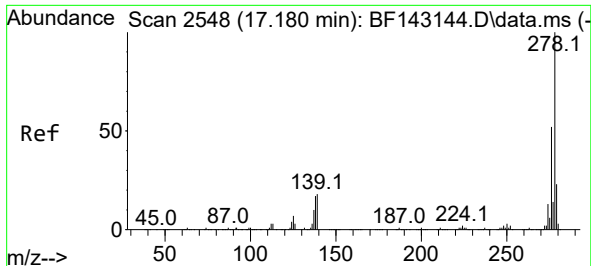
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.1 8.6 13.0





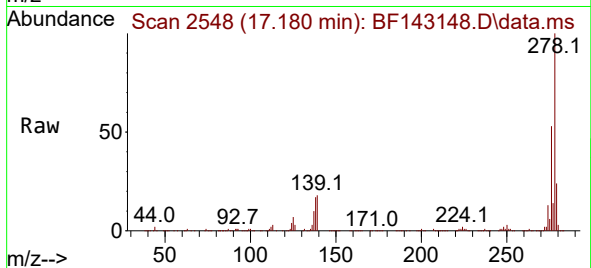
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



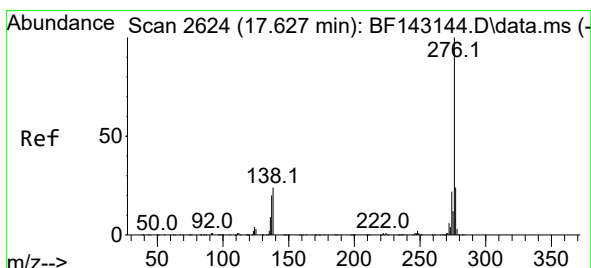
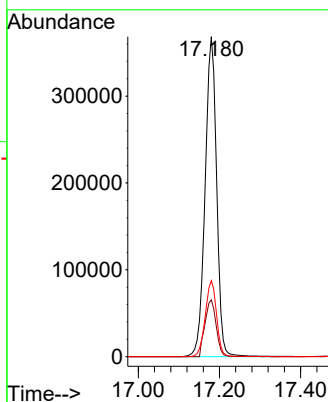
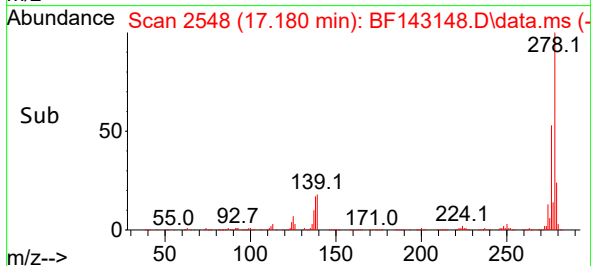
Tgt Ion:278 Resp: 724758
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.9 18.9 28.3

