

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143319.D
 Acq On : 05 Aug 2025 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 06 11:16:26 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	6.969	152	115829	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	403036	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	172118	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	266991	20.000	ng	0.00
76) Chrysene-d12	14.133	240	225915	20.000	ng	0.01
86) Perylene-d12	15.645	264	164343	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	598473	81.764	ng	0.01
7) Phenol-d6	6.598	99	720943	78.253	ng	0.01
23) Nitrobenzene-d5	7.528	82	692854	85.691	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	131149	73.759	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1083208	86.070	ng	0.00
79) Terphenyl-d14	13.074	244	1044774	68.820	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	148776	42.956	ng	99
3) Pyridine	3.575	79	365673	40.678	ng	99
4) n-Nitrosodimethylamine	3.510	42	191235	41.203	ng	96
6) Aniline	6.628	93	487661	37.980	ng	96
8) 2-Chlorophenol	6.757	128	304529	39.692	ng	97
9) Benzaldehyde	6.516	77	299235	43.315	ng	99
10) Phenol	6.610	94	408897	40.741	ng	92
11) bis(2-Chloroethyl)ether	6.693	93	311935	40.592	ng	99
12) 1,3-Dichlorobenzene	6.910	146	330958	39.709	ng	99
13) 1,4-Dichlorobenzene	6.987	146	332099	39.566	ng	99
14) 1,2-Dichlorobenzene	7.140	146	315356	39.503	ng	98
15) Benzyl Alcohol	7.104	79	272514	38.739	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	562635	39.468	ng	93
17) 2-Methylphenol	7.216	107	245244	38.016	ng	99
18) Hexachloroethane	7.481	117	92374	31.791	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	217374	36.776	ng	98
20) 3+4-Methylphenols	7.369	107	290249	37.084	ng	# 72
22) Acetophenone	7.369	105	396296	41.532	ng	95
24) Nitrobenzene	7.545	77	321496	42.649	ng	99
25) Isophorone	7.781	82	583128	40.854	ng	99
26) 2-Nitrophenol	7.857	139	81014	24.763	ng	98
27) 2,4-Dimethylphenol	7.898	122	260882	39.121	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	362892	42.404	ng	99
29) 2,4-Dichlorophenol	8.104	162	212334	37.756	ng	100
30) 1,2,4-Trichlorobenzene	8.187	180	241950	39.822	ng	100
31) Naphthalene	8.269	128	786998	39.649	ng	100
32) Benzoic acid	7.975	122	90853m	26.755	ng	
33) 4-Chloroaniline	8.310	127	320214	39.509	ng	100
34) Hexachlorobutadiene	8.387	225	150342	40.507	ng	100
35) Caprolactam	8.675	113	67702	39.838	ng	98
36) 4-Chloro-3-methylphenol	8.792	107	212318	34.734	ng	97
37) 2-Methylnaphthalene	8.957	142	450138	37.268	ng	100
38) 1-Methylnaphthalene	9.057	142	463577	37.272	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	218890	44.049	ng	98
41) Hexachlorocyclopentadiene	9.116	237	10105	3.125	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	127779	37.154	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	129763	37.720	ng	98
46) 1,1'-Biphenyl	9.422	154	580633	43.239	ng	99
47) 2-Chloronaphthalene	9.451	162	411529	41.417	ng	99
48) 2-Nitroaniline	9.539	65	150901	48.428	ng	99
49) Acenaphthylene	9.863	152	669468	40.205	ng	100
50) Dimethylphthalate	9.716	163	495822	44.194	ng	100
51) 2,6-Dinitrotoluene	9.775	165	87635	38.398	ng	99
52) Acenaphthene	10.039	154	375398	38.143	ng	97
53) 3-Nitroaniline	9.945	138	131107	49.113	ng	98
54) 2,4-Dinitrophenol	10.057	184	443	7.056	ng	# 1
55) Dibenzofuran	10.210	168	571344	39.101	ng	98
56) 4-Nitrophenol	10.110	139	118907	59.649	ng	94
57) 2,4-Dinitrotoluene	10.181	165	104606	36.532	ng	94
58) Fluorene	10.551	166	423115	38.582	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	104348	36.617	ng	97
60) Diethylphthalate	10.416	149	461013	41.574	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	214710	39.319	ng	99
62) 4-Nitroaniline	10.557	138	119776	52.351	ng	98
63) Azobenzene	10.698	77	440989	38.157	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	1441	6.326	ng	# 64
66) n-Nitrosodiphenylamine	10.657	169	376391	40.035	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	123055	38.674	ng	96
68) Hexachlorobenzene	11.104	284	123569	37.156	ng	99
69) Atrazine	11.180	200	97197	37.500	ng	99
70) Pentachlorophenol	11.298	266	58301	29.810	ng	100
71) Phenanthrene	11.516	178	566802	39.982	ng	99
72) Anthracene	11.569	178	590204	40.821	ng	99
73) Carbazole	11.716	167	564156	44.686	ng	100
74) Di-n-butylphthalate	12.045	149	658512	46.098	ng	99
75) Fluoranthene	12.704	202	656053	50.419	ng	99
77) Benzidine	12.822	184	221504	25.449	ng	99
78) Pyrene	12.939	202	671894	34.848	ng	99
80) Butylbenzylphthalate	13.545	149	291998	49.458	ng	99
81) Benzo(a)anthracene	14.121	228	606515	40.100	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	192778	38.242	ng	99
83) Chrysene	14.163	228	515742	37.926	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	418675	46.851	ng	99
85) Di-n-octyl phthalate	14.721	149	678536	41.890	ng	100
87) Indeno(1,2,3-cd)pyrene	17.198	276	386942	33.390	ng	99
88) Benzo(b)fluoranthene	15.198	252	419253	41.759	ng	99
89) Benzo(k)fluoranthene	15.227	252	420715	46.960	ng	99
90) Benzo(a)pyrene	15.580	252	373155	40.340	ng	98
91) Dibenzo(a,h)anthracene	17.209	278	315027	33.399	ng	99
92) Benzo(g,h,i)perylene	17.662	276	306065	33.545	ng	98

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

Manual Integrations

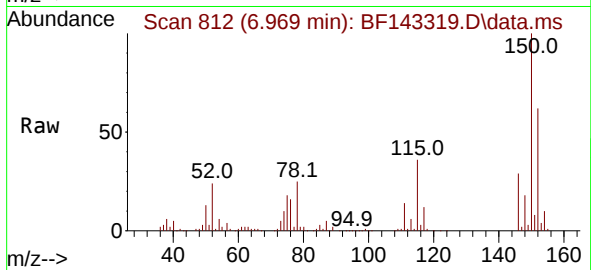
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

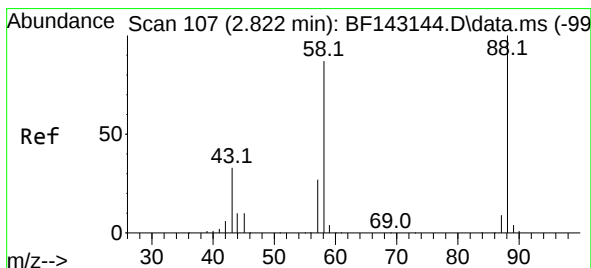
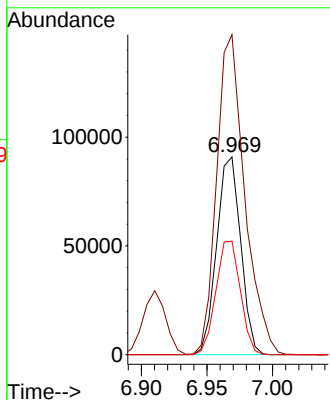
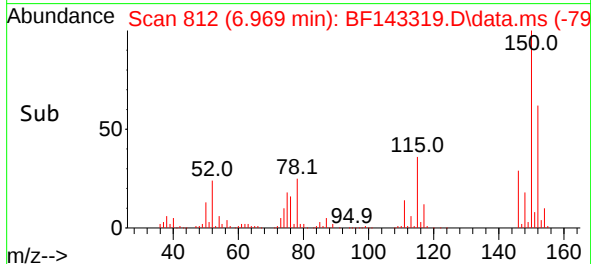
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 115829
Ion Ratio Lower Upper
152 100
150 161.8 128.2 192.4
115 57.5 47.9 71.9

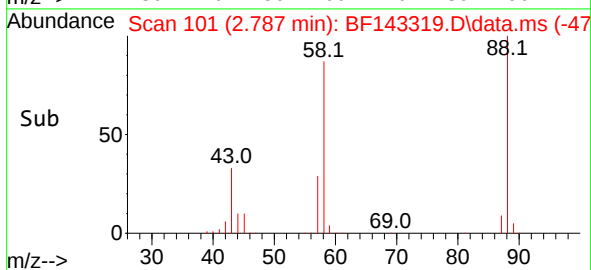
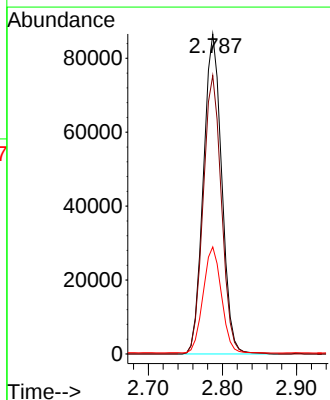
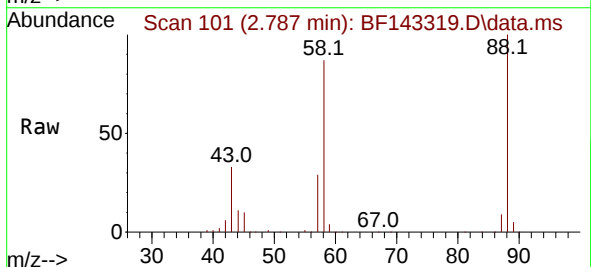
Manual Integrations
APPROVED

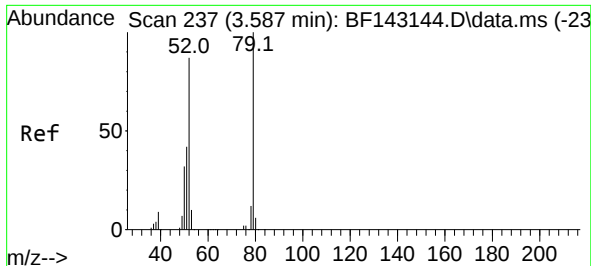
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#2
1,4-Dioxane
Concen: 42.956 ng
RT: 2.787 min Scan# 101
Delta R.T. -0.035 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion: 88 Resp: 148776
Ion Ratio Lower Upper
88 100
58 86.9 70.2 105.2
43 33.1 27.1 40.7





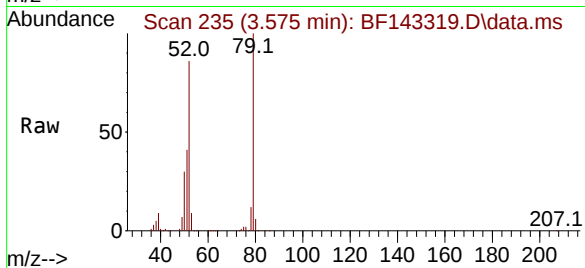
#3
Pyridine
Concen: 40.678 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



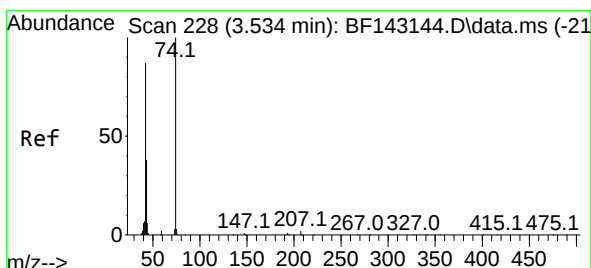
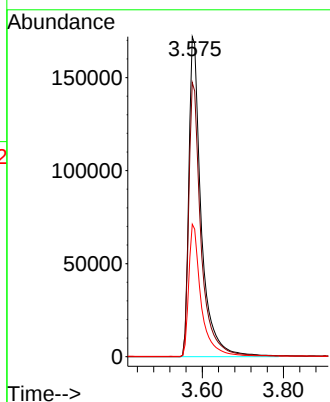
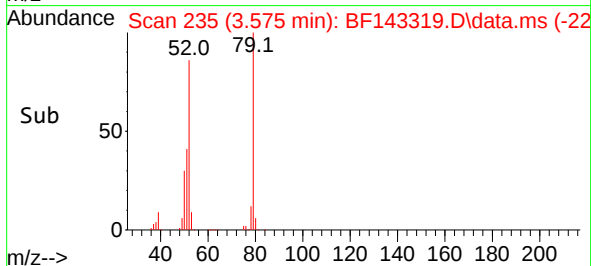
Tgt Ion: 79 Resp: 36567
Ion Ratio Lower Upper
79 100
52 85.6 69.4 104.2
51 41.4 33.5 50.3

Manual Integrations

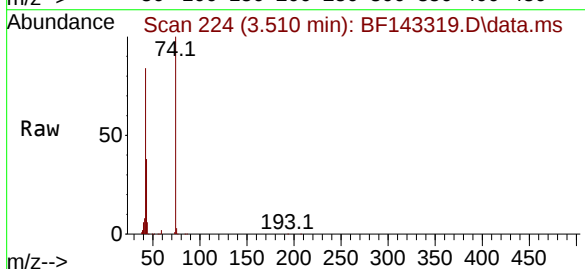
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Reviewed By :Rahul Chavli 08/06/2025

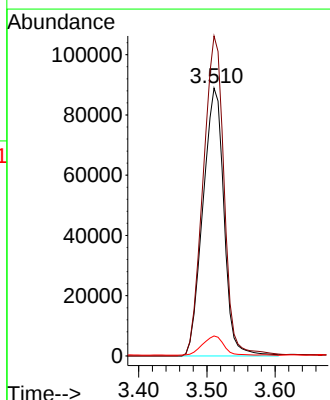
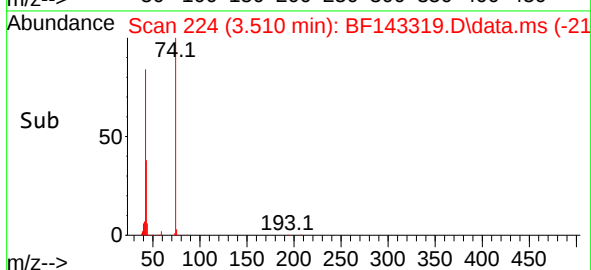
Supervised By :Jagrut Upadhyay 08/06/2025

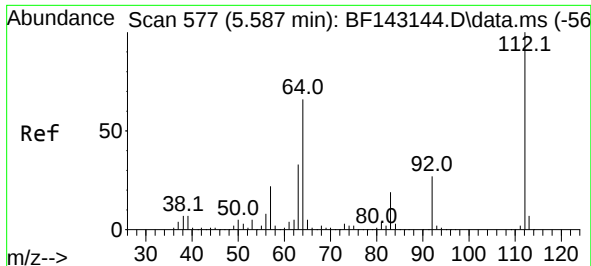


#4
n-Nitrosodimethylamine
Concen: 41.203 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.023 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion: 42 Resp: 191235
Ion Ratio Lower Upper
42 100
74 119.4 91.7 137.5
44 7.4 5.6 8.4





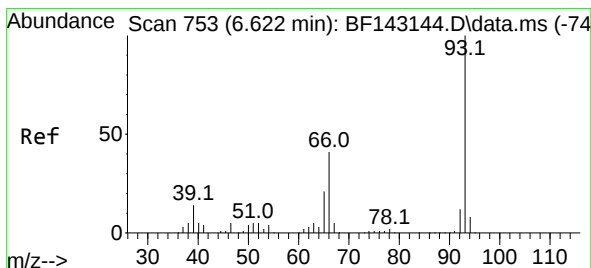
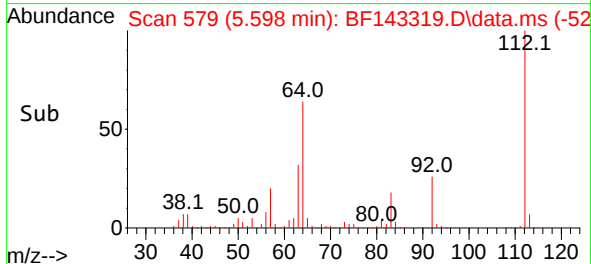
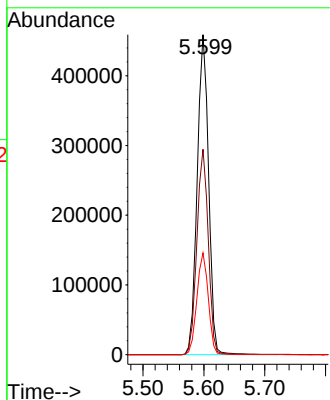
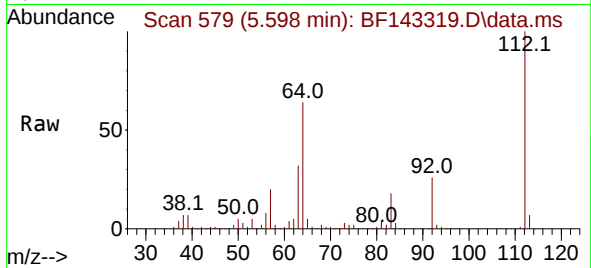
#5
2-Fluorophenol
Concen: 81.764 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 59847
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 31.8 26.6 40.0

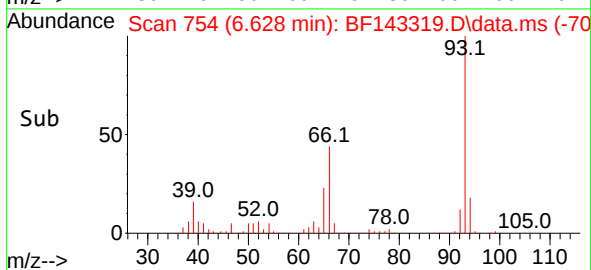
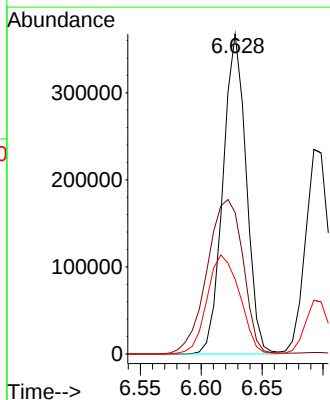
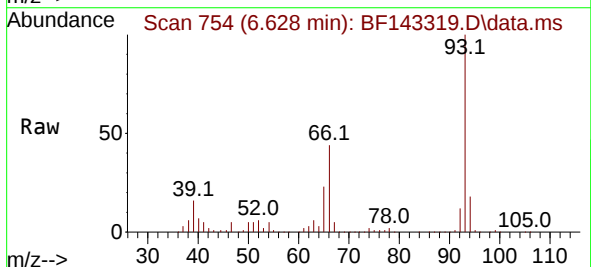
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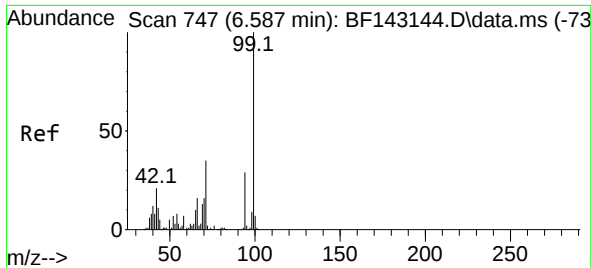
Reviewed By :Rahul Chavli 08/06/2025
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#6
Aniline
Concen: 37.980 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

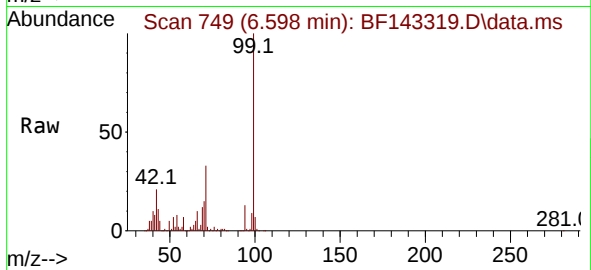
Tgt Ion: 93 Resp: 487661
Ion Ratio Lower Upper
93 100
66 44.2 33.2 49.8
65 23.3 16.9 25.3





#7
Phenol-d6
Concen: 78.253 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

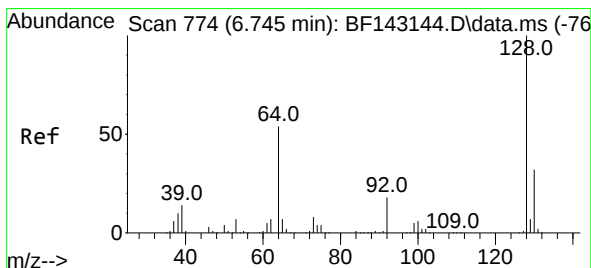
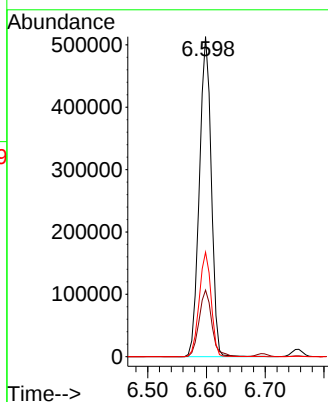
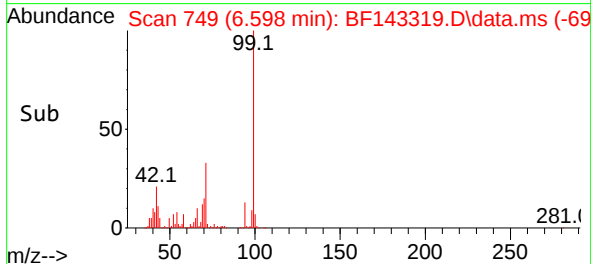
Instrument :
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SSTDCCC040EC



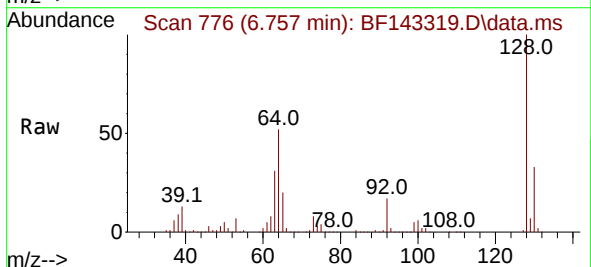
Tgt Ion: 99 Resp: 72094
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 32.6 27.7 41.5

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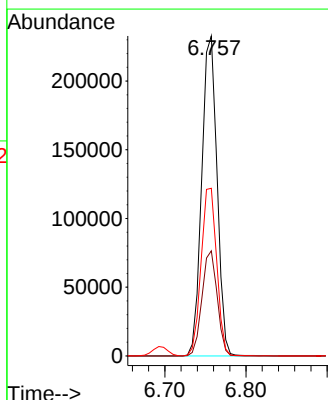
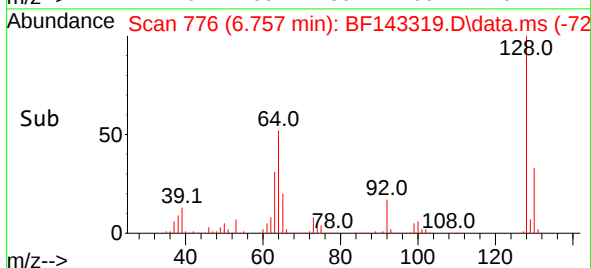
Reviewed By :Rahul Chavli 08/06/2025
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#8
2-Chlorophenol
Concen: 39.692 ng
RT: 6.757 min Scan# 776
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



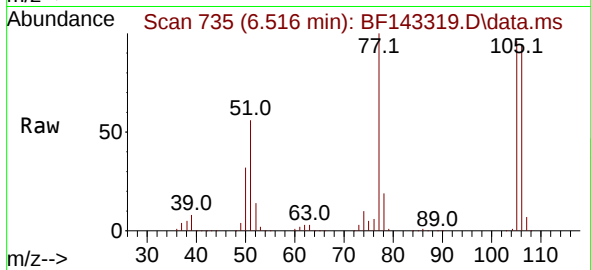
Tgt Ion:128 Resp: 304529
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 52.4 35.9 75.9





#9
Benzaldehyde
Concen: 43.315 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

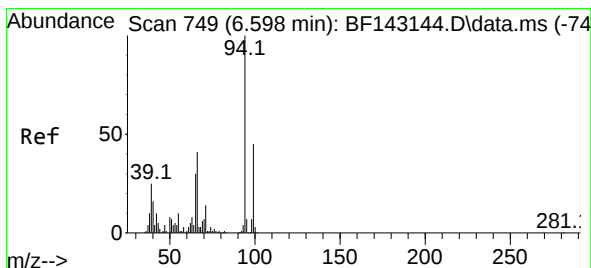
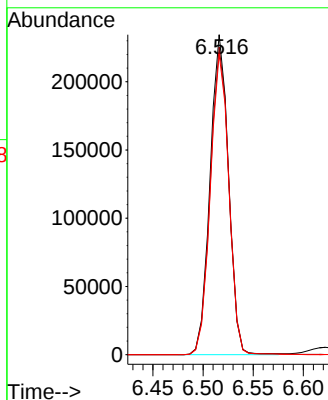
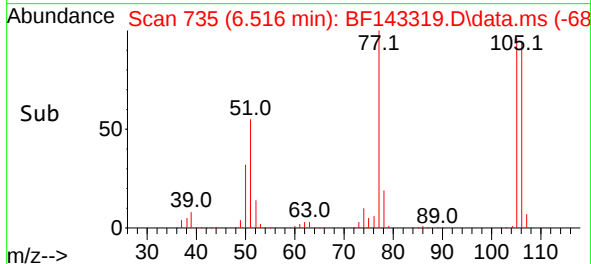
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



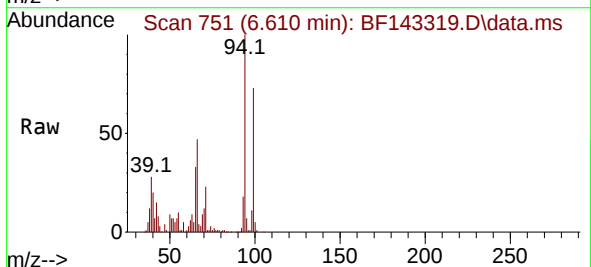
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Ion Ratio Lower Upper
77 100
105 96.1 76.8 116.8
106 94.1 74.4 114.4

Manual Integrations
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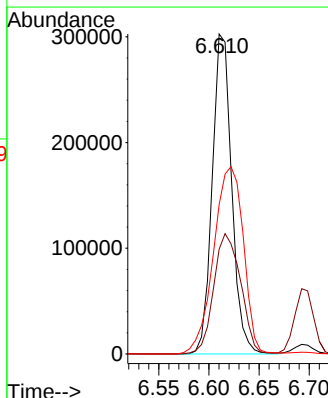
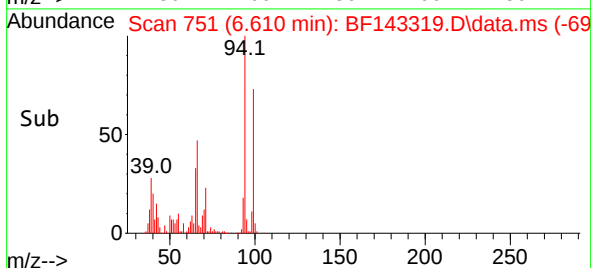
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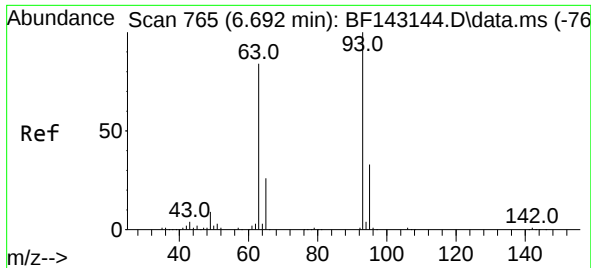


#10
Phenol
Concen: 40.741 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



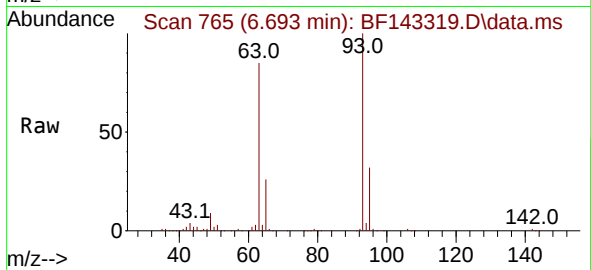
Tgt Ion: 94 Resp: 408897
Ion Ratio Lower Upper
94 100
65 32.7 10.0 50.0
66 46.7 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 40.592 ng
RT: 6.693 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

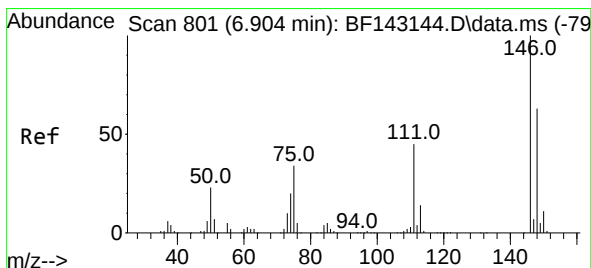
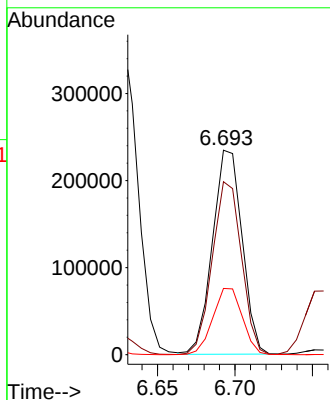
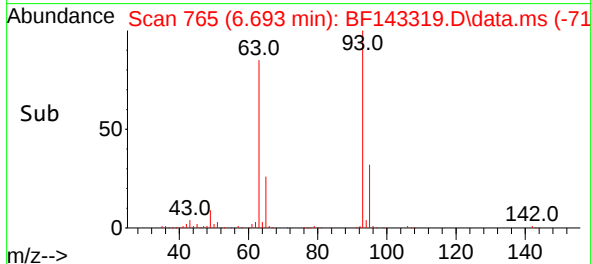
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



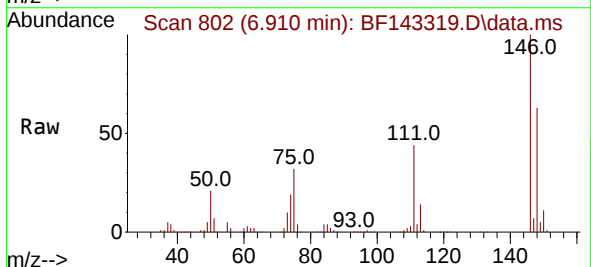
Tgt Ion: 93 Resp: 311938
Ion Ratio Lower Upper
93 100
63 84.6 63.4 103.4
95 32.4 12.4 52.4

Manual Integrations
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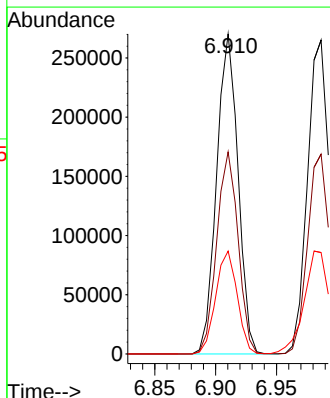
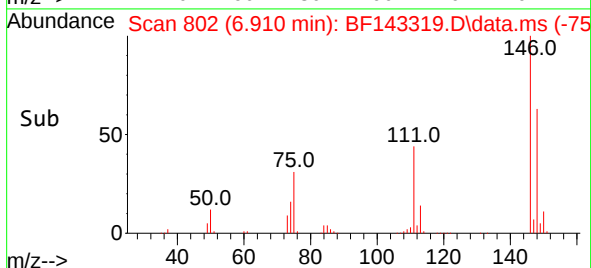
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#12
1,3-Dichlorobenzene
Concen: 39.709 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion:146 Resp: 330958
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 32.2 27.4 41.2





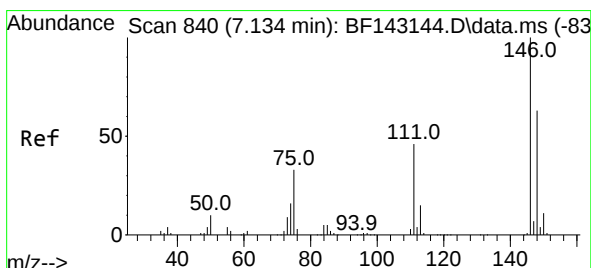
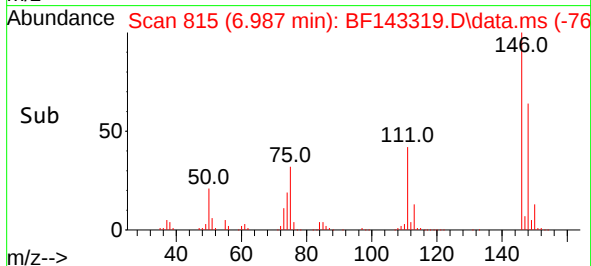
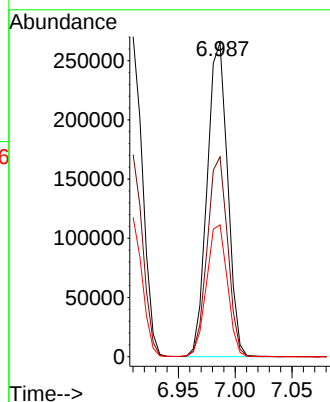
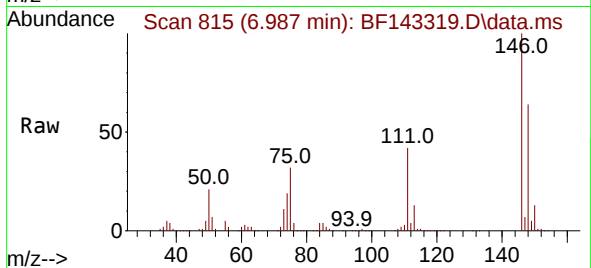
#13
1,4-Dichlorobenzene
Concen: 39.566 ng
RT: 6.987 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 332099
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 42.0 34.4 51.6

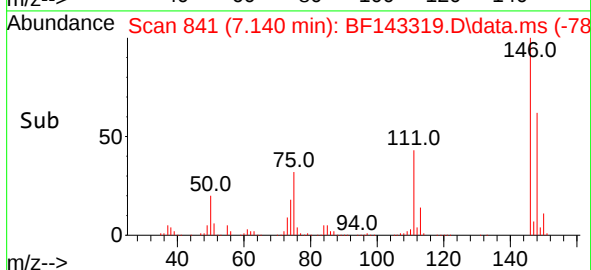
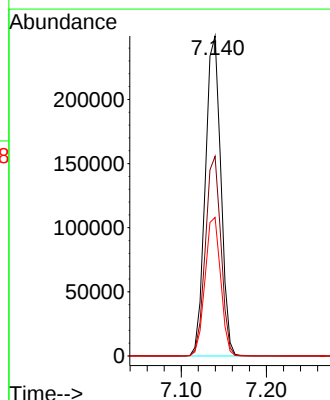
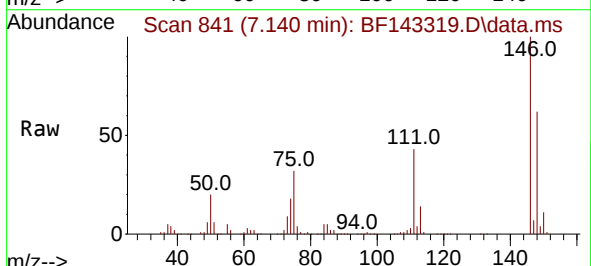
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#14
1,2-Dichlorobenzene
Concen: 39.503 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:146 Resp: 315356
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
111 43.3 36.6 54.8





#15
Benzyl Alcohol
Concen: 38.739 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

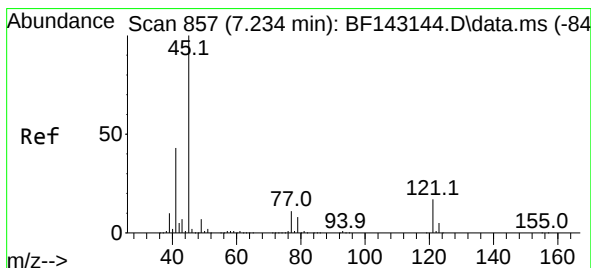
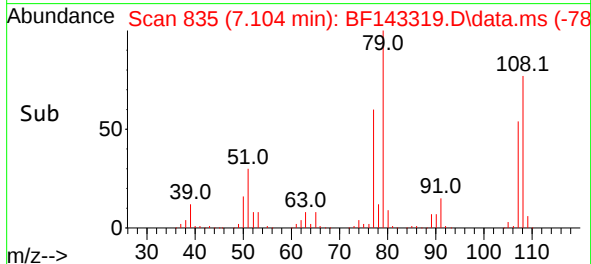
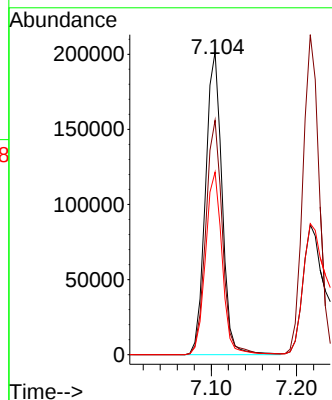
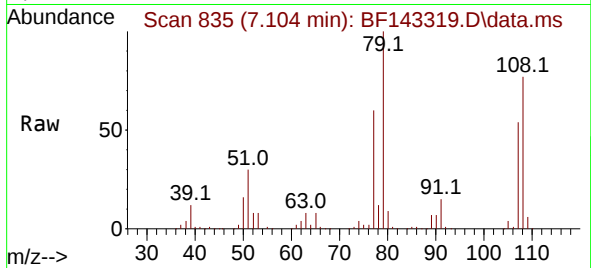
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 272514
Ion Ratio Lower Upper
79 100
108 77.4 61.1 91.7
77 60.3 48.9 73.3

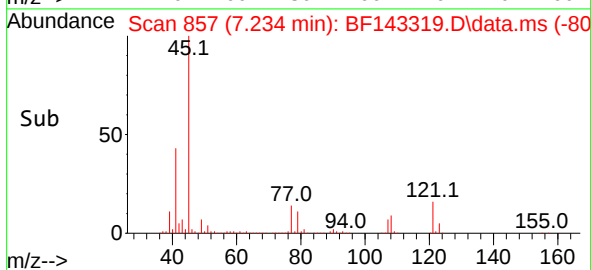
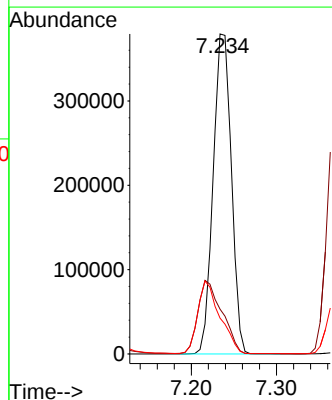
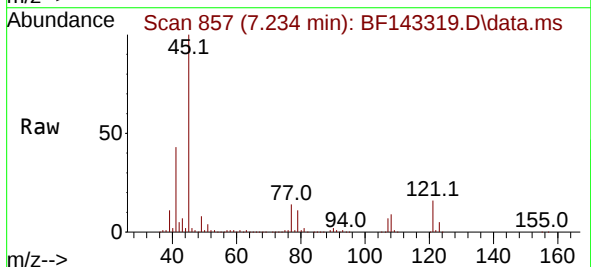
Manual Integrations
APPROVED

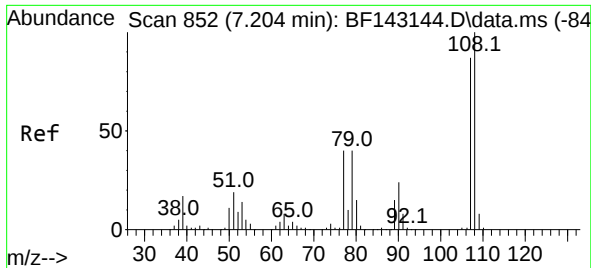
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.468 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion: 45 Resp: 562635
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.2
79 11.2 0.0 28.5





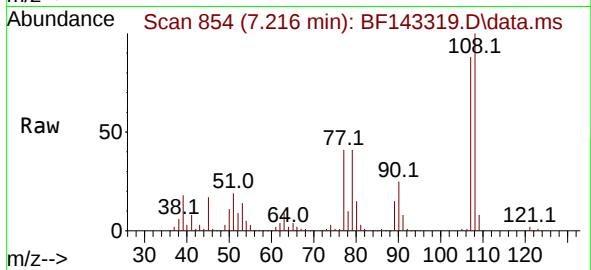
#17
2-Methylphenol
Concen: 38.016 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



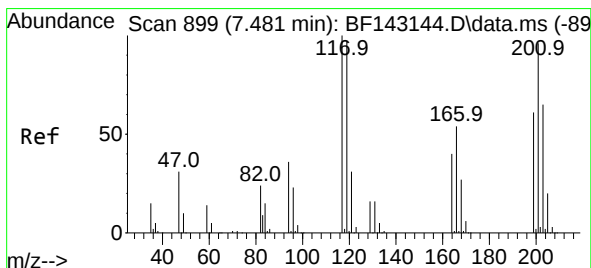
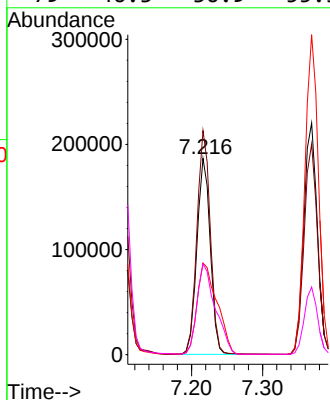
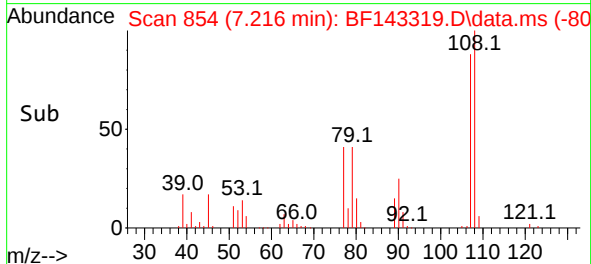
Tgt Ion:107 Resp: 245244
Ion Ratio Lower Upper
107 100
108 114.1 91.8 137.6
77 46.7 37.0 55.6
79 46.3 36.9 55.3

Manual Integrations

APPROVED

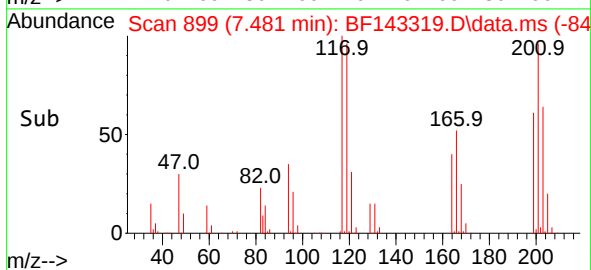
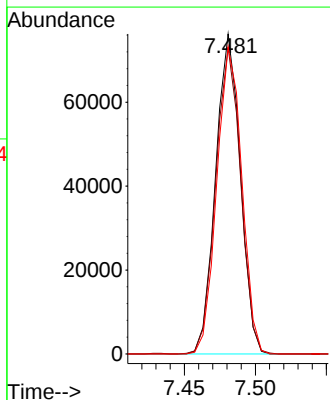
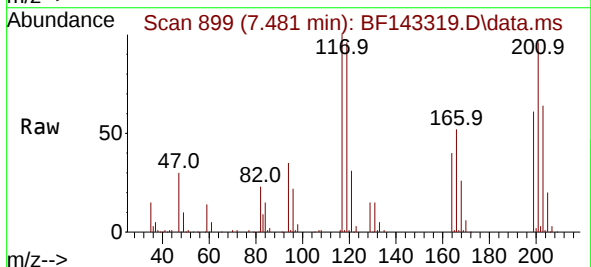
Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#18
Hexachloroethane
Concen: 31.791 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

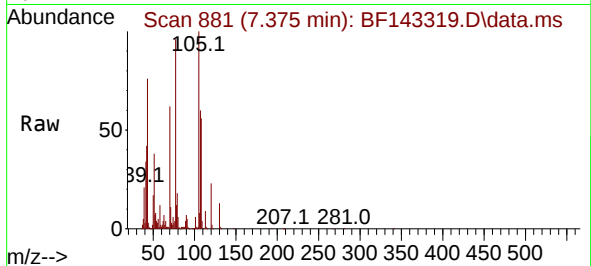
Tgt Ion:117 Resp: 92374
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 96.0 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 36.776 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

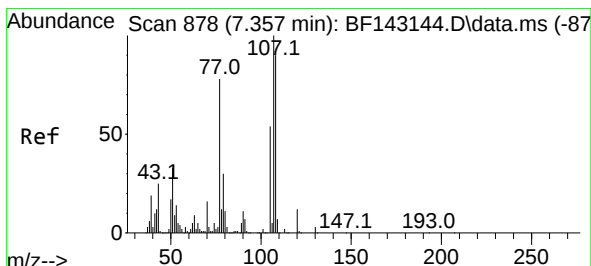
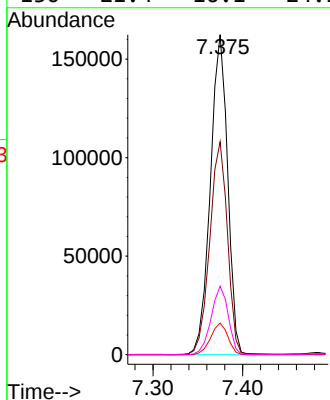
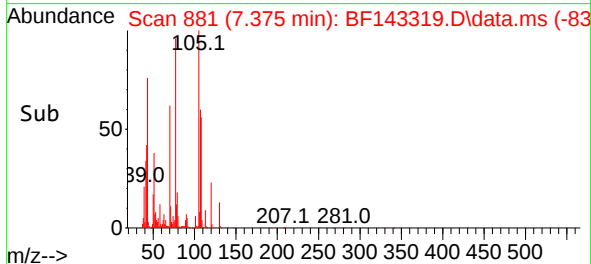
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



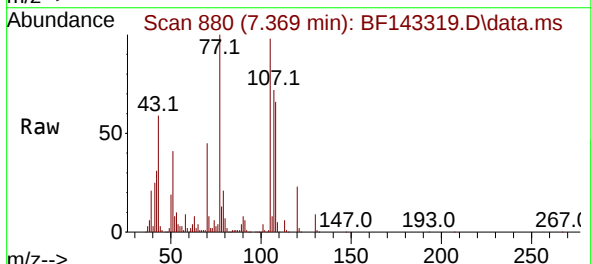
Tgt Ion:	70	Resp:	217374
Ion	Ratio	Lower	Upper
70	100		
42	66.5	52.5	78.7
101	9.9	7.6	11.4
130	21.4	16.1	24.1

Manual Integrations
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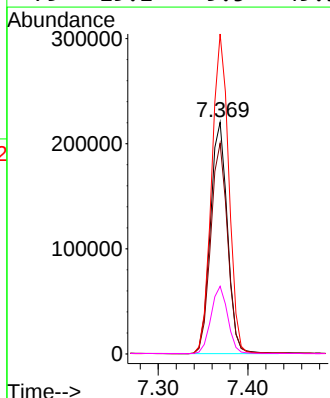
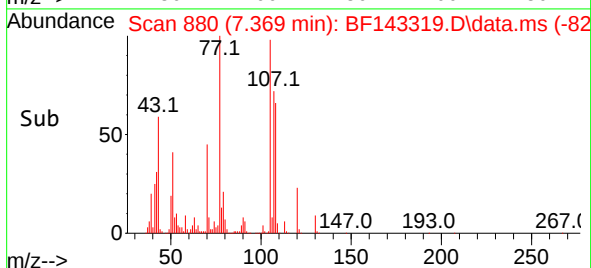
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#20
3+4-Methylphenols
Concen: 37.084 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



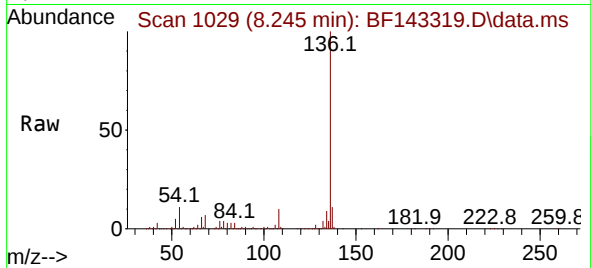
Tgt Ion:	107	Resp:	290249
Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.0	110.0
77	138.1	57.8	97.8#
79	29.2	9.5	49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

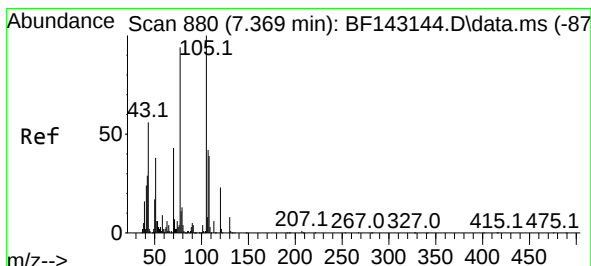
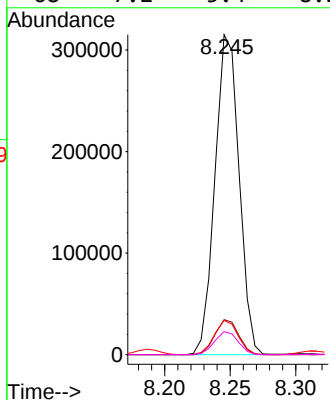
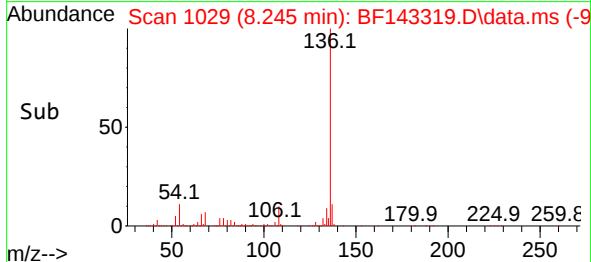
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 403030
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.7 8.2 12.2
68 7.2 5.4 8.2

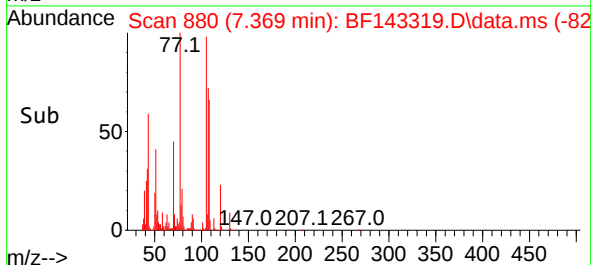
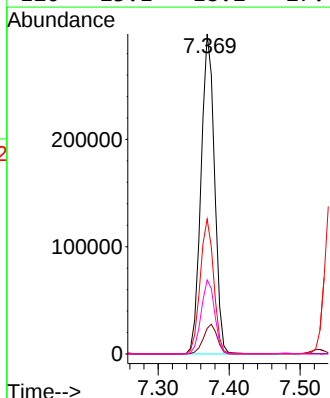
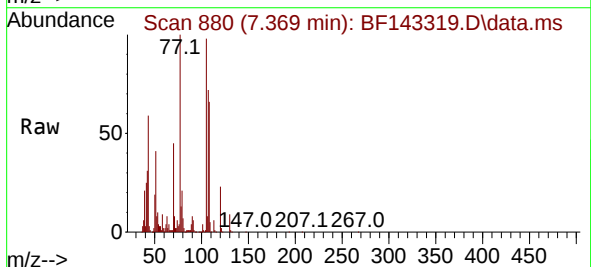
Manual Integrations
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Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#22
Acetophenone
Concen: 41.532 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:105 Resp: 396296
Ion Ratio Lower Upper
105 100
71 8.0 5.8 8.6
51 42.2 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 85.691 ng

RT: 7.528 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

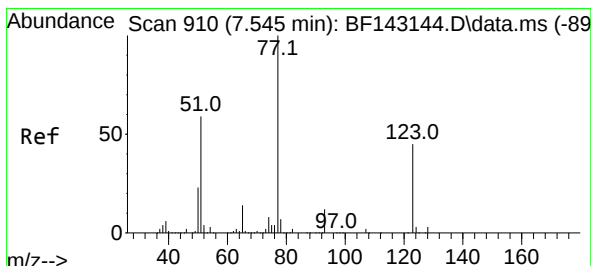
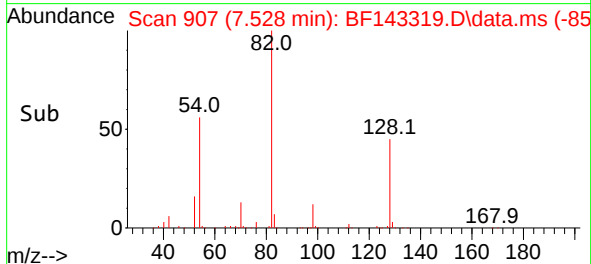
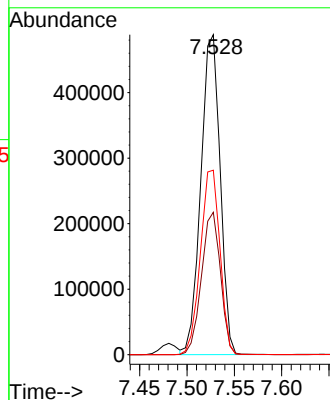
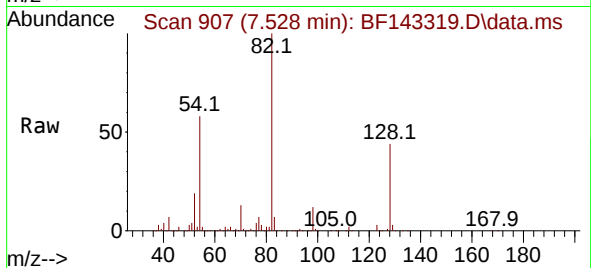
Tgt Ion: 82 Resp: 692854
 Ion Ratio Lower Upper
 82 100
 128 44.5 33.6 50.4
 54 57.7 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#24

Nitrobenzene

Concen: 42.649 ng

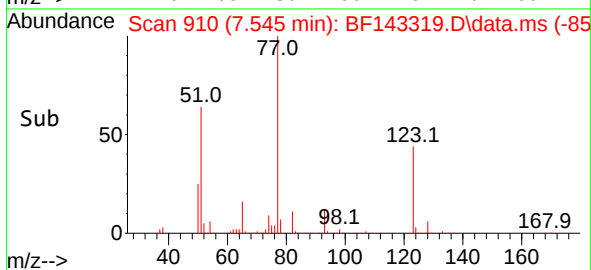
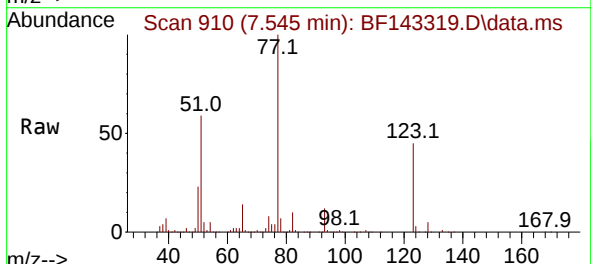
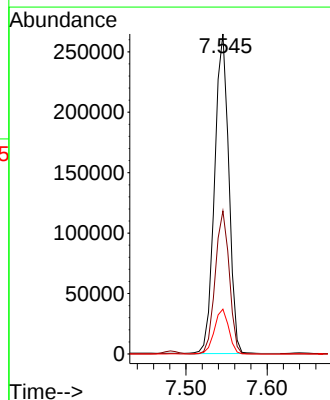
RT: 7.545 min Scan# 910

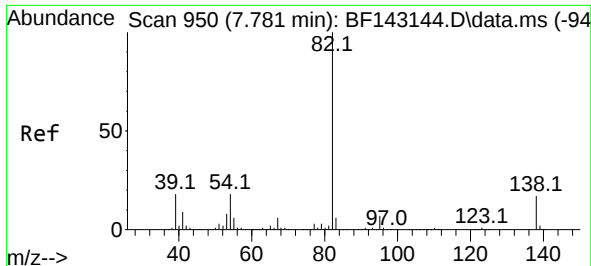
Delta R.T. 0.000 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion: 77 Resp: 321496
 Ion Ratio Lower Upper
 77 100
 123 44.7 36.1 54.1
 65 14.0 11.4 17.2





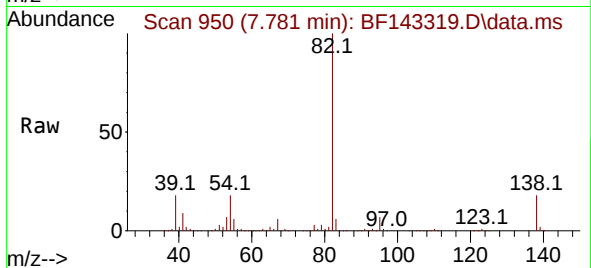
#25
Isophorone
Concen: 40.854 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



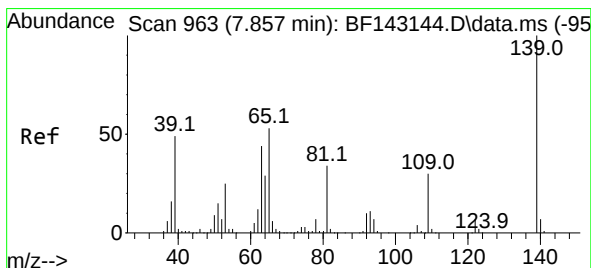
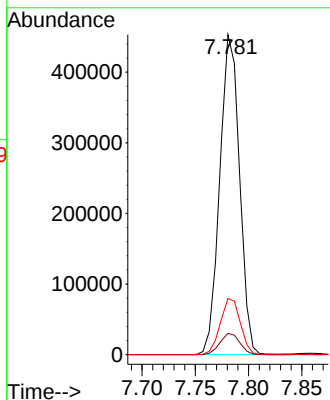
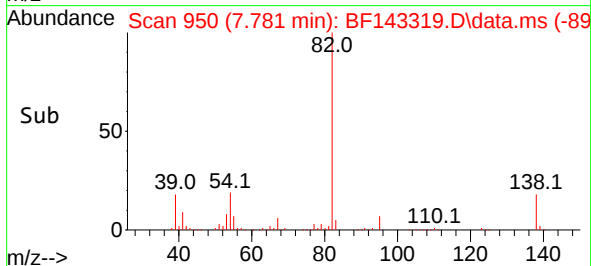
Tgt Ion: 82 Resp: 583128
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 13.8 20.8

Manual Integrations

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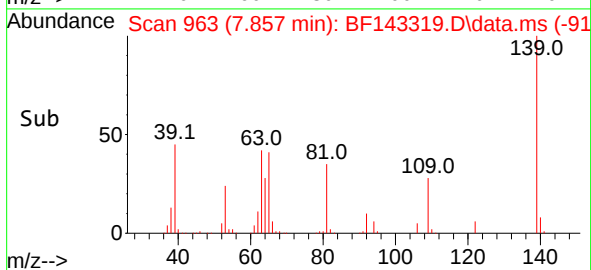
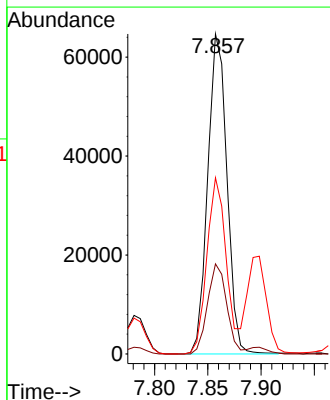
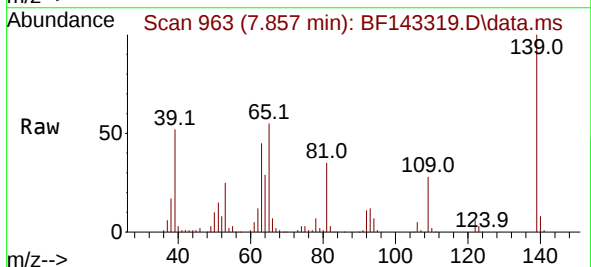
Reviewed By :Rahul Chavli 08/06/2025

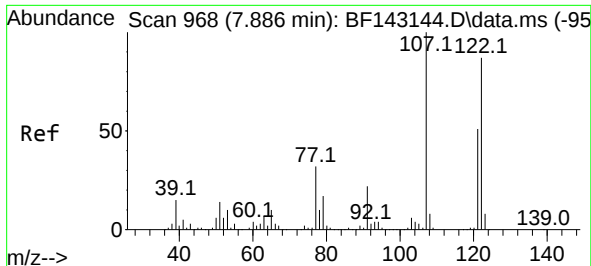
Supervised By :Jagrut Upadhyay 08/06/2025



#26
2-Nitrophenol
Concen: 24.763 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:139 Resp: 81014
Ion Ratio Lower Upper
139 100
109 28.2 23.6 35.4
65 55.1 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 39.121 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

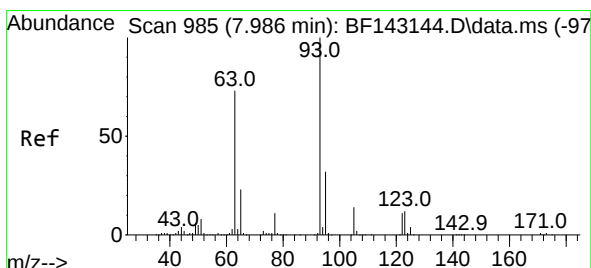
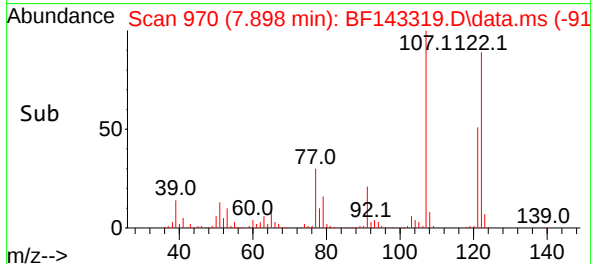
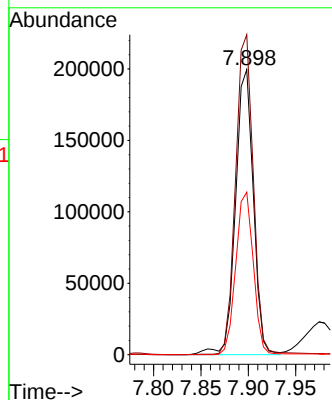
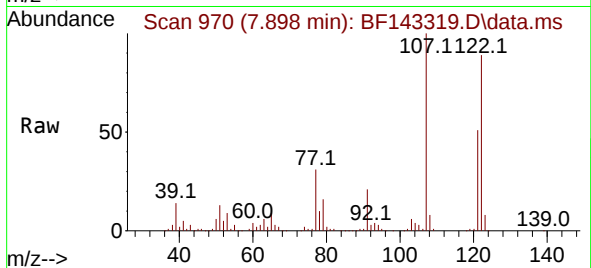
ClientSampleId :

SSTDCCC040EC

Tgt Ion:122 Resp: 26088
Ion Ratio Lower Upper
122 100
107 112.2 91.8 137.6
121 57.0 46.3 69.5

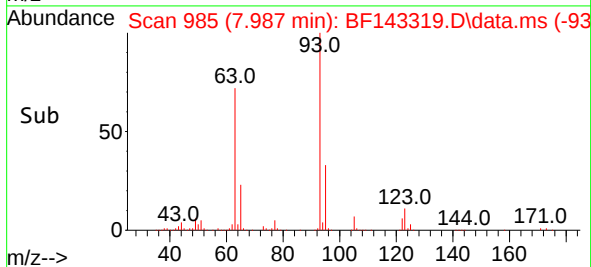
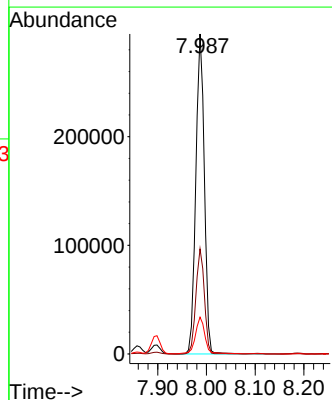
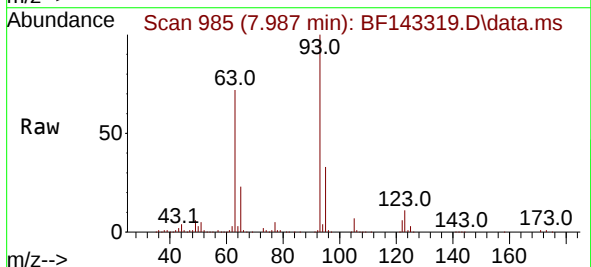
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.404 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion: 93 Resp: 362892
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 37.756 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

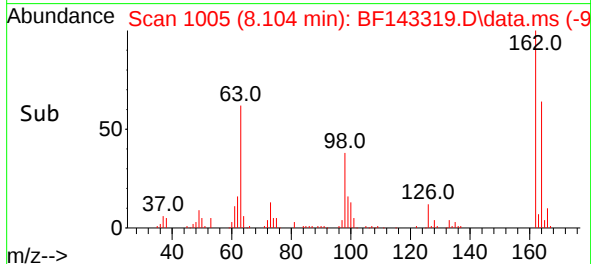
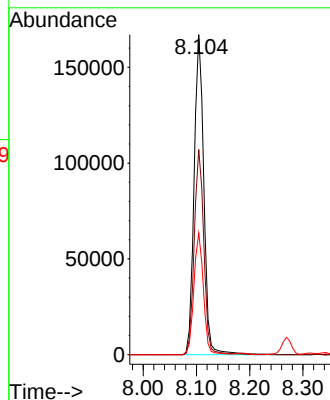
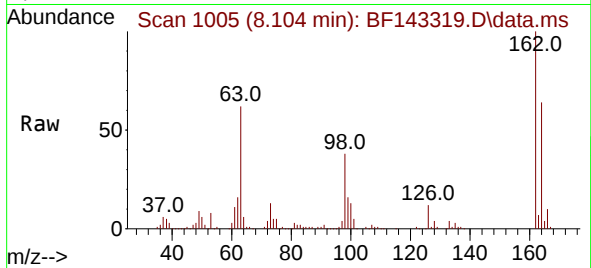
Tgt Ion:162	Resp: 212334
Ion Ratio	Lower Upper
162 100	
164 64.1	44.2 84.2
98 38.1	17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.822 ng

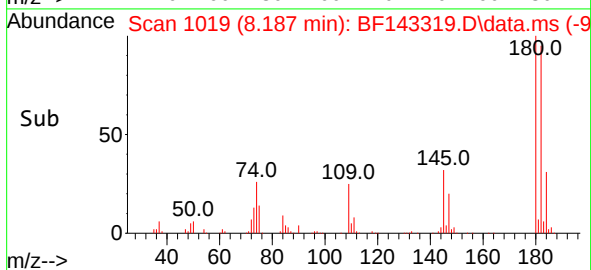
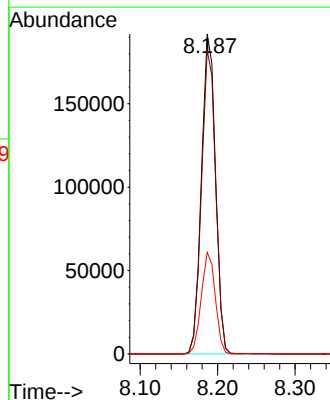
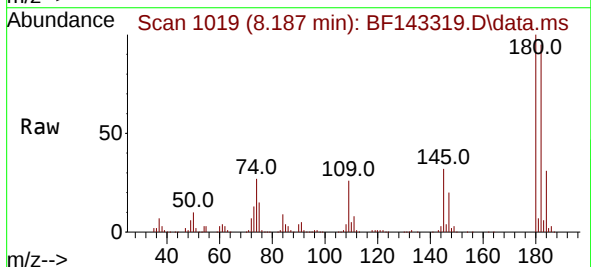
RT: 8.187 min Scan# 1019

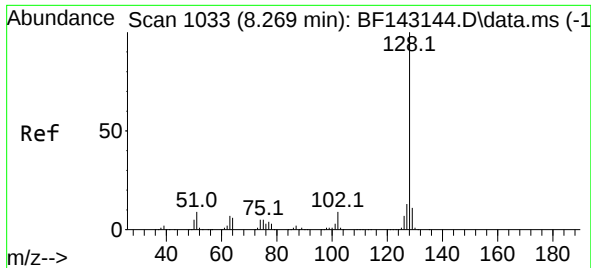
Delta R.T. 0.000 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:180	Resp: 241950
Ion Ratio	Lower Upper
180 100	
182 94.9	76.2 114.2
145 31.7	25.0 37.6





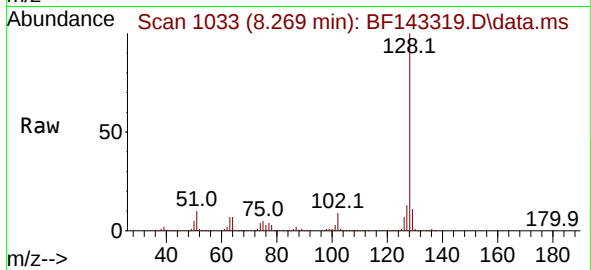
#31
Naphthalene
Concen: 39.649 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



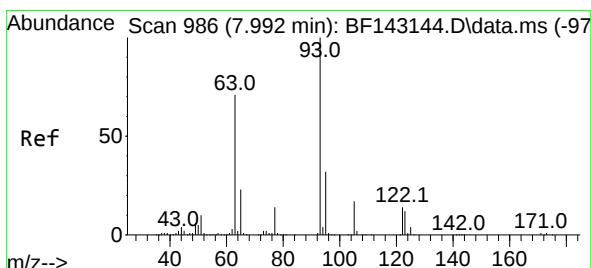
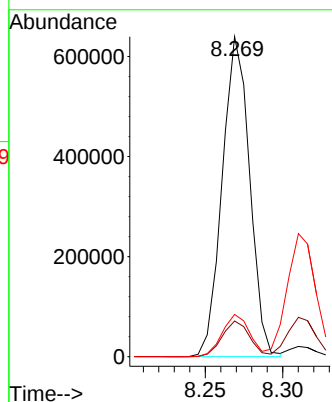
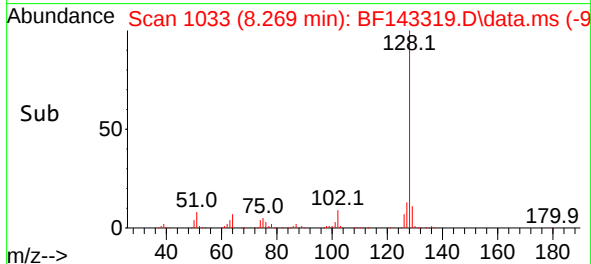
Tgt Ion:128 Resp: 786998
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations

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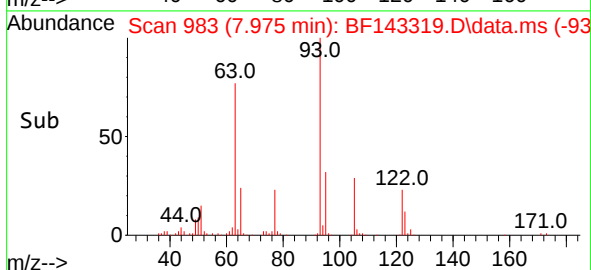
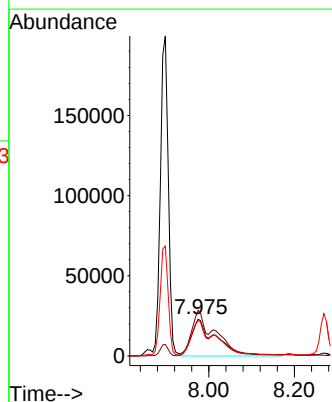
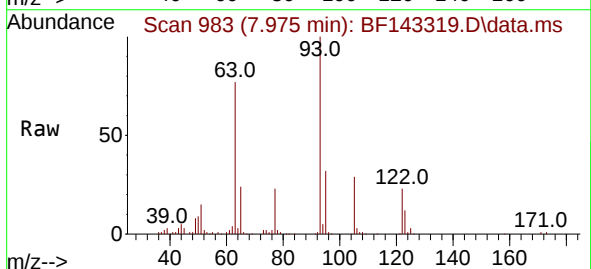
Reviewed By :Rahul Chavli 08/06/2025

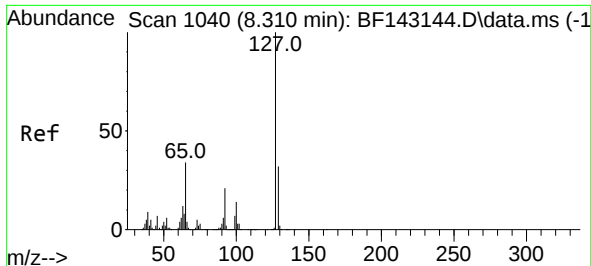
Supervised By :Jagrut Upadhyay 08/06/2025



#32
Benzoic acid
Concen: 26.755 ng m
RT: 7.975 min Scan# 983
Delta R.T. -0.017 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:122 Resp: 90853
Ion Ratio Lower Upper
122 100
105 124.1 104.8 144.8
77 97.8 77.6 117.6





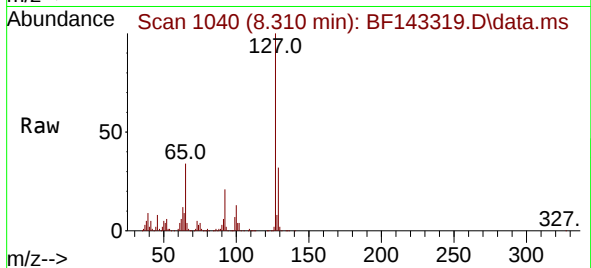
#33
4-Chloroaniline
Concen: 39.509 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



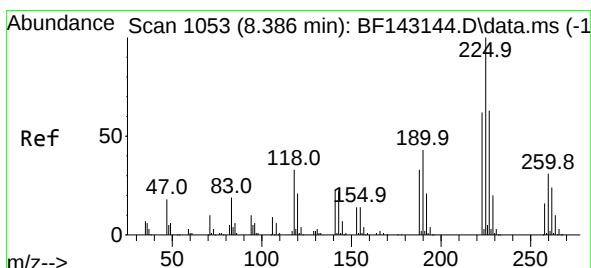
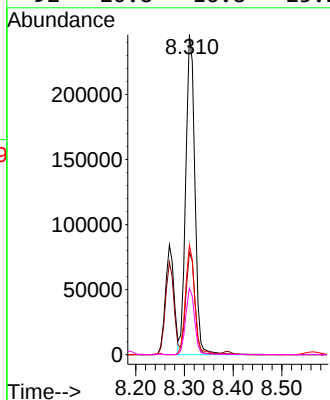
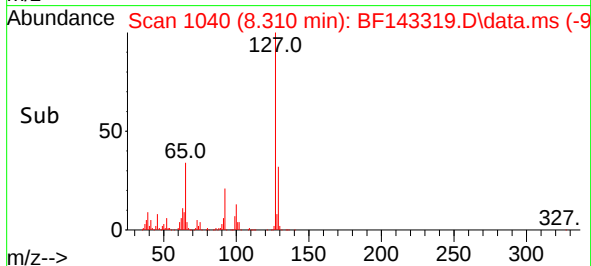
Tgt Ion:127 Resp: 320214
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 34.2 27.4 41.2
92 20.8 16.8 25.2

Manual Integrations

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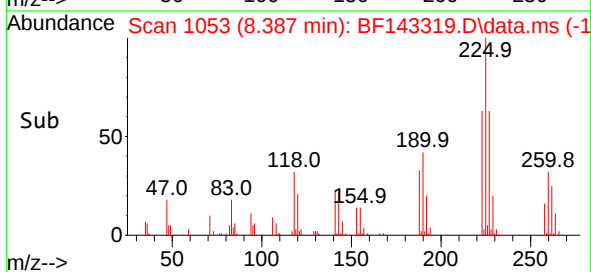
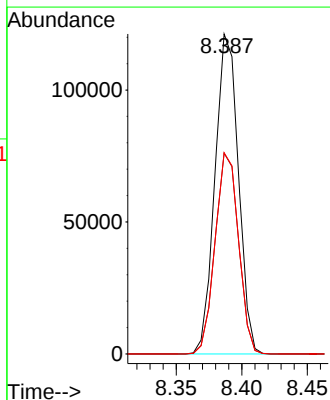
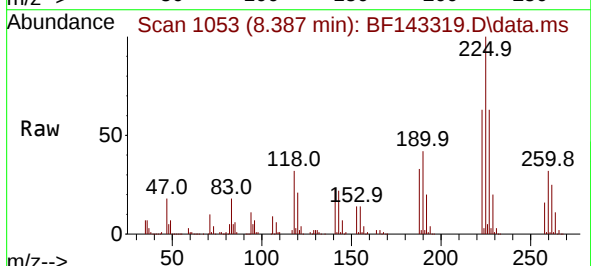
Reviewed By :Rahul Chavli 08/06/2025

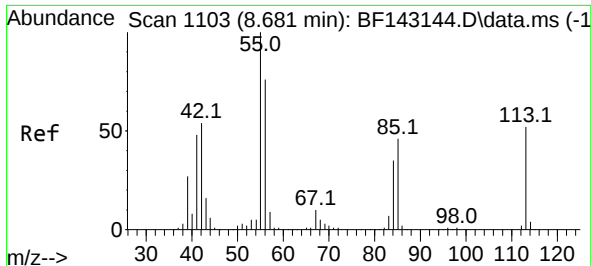
Supervised By :Jagrut Upadhyay 08/06/2025



#34
Hexachlorobutadiene
Concen: 40.507 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

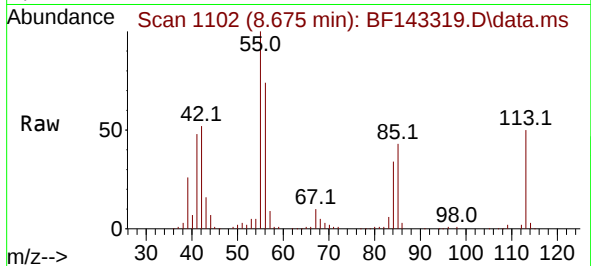
Tgt Ion:225 Resp: 150342
Ion Ratio Lower Upper
225 100
223 62.8 49.8 74.6
227 62.9 50.2 75.4





#35
Caprolactam
Concen: 39.838 ng
RT: 8.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

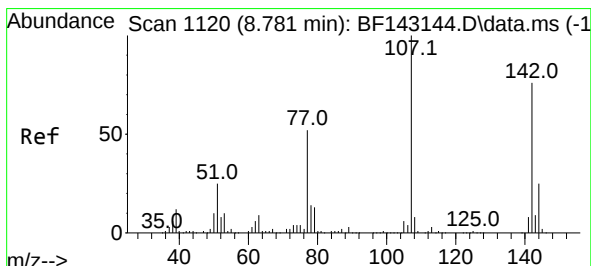
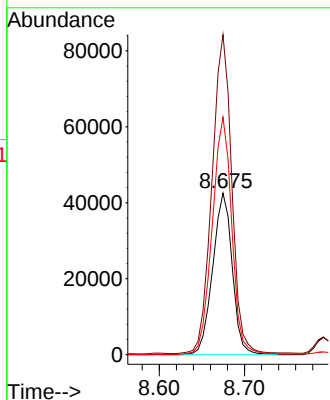
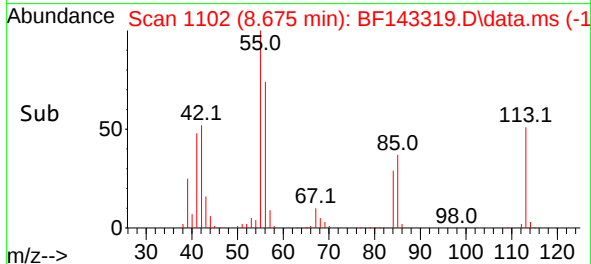
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 67702
Ion Ratio Lower Upper
113 100
55 198.0 174.0 214.0
56 146.9 126.6 166.6

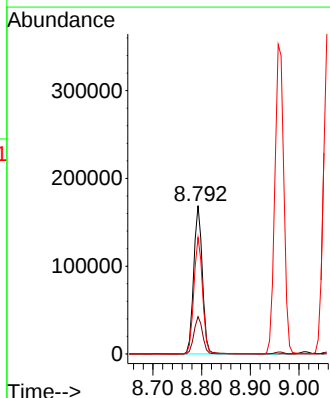
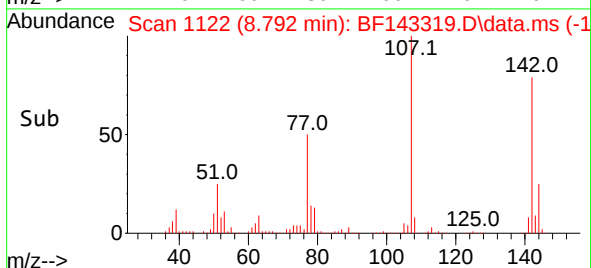
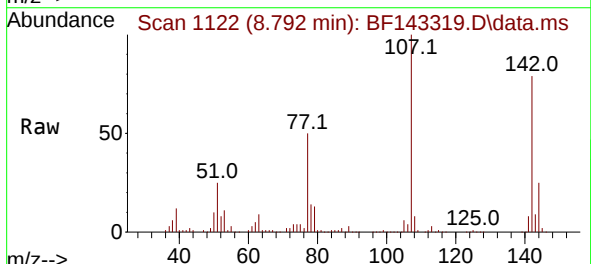
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#36
4-Chloro-3-methylphenol
Concen: 34.734 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:107 Resp: 212318
Ion Ratio Lower Upper
107 100
144 25.1 19.8 29.6
142 78.6 60.6 90.8





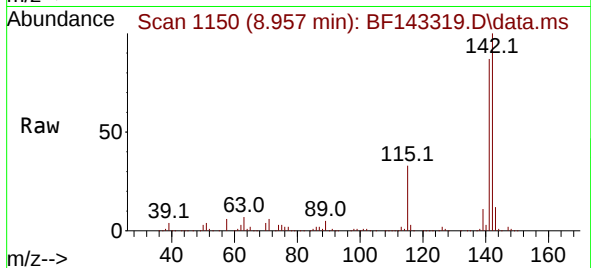
#37
2-Methylnaphthalene
Concen: 37.268 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



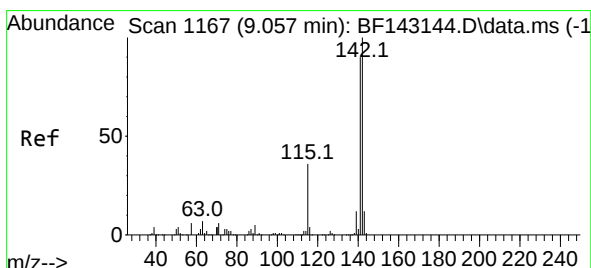
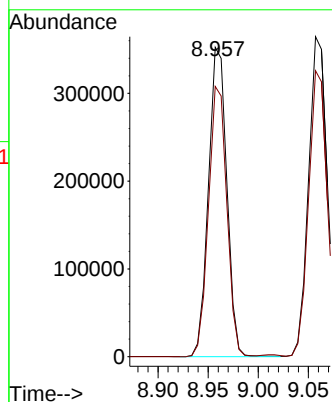
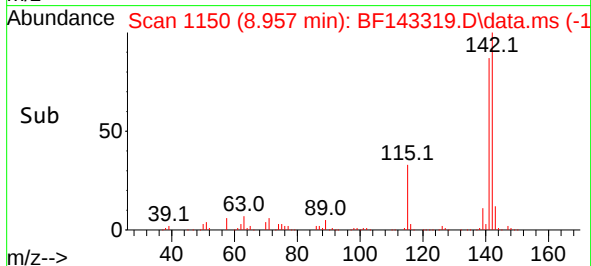
Tgt Ion:142 Resp: 450138
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9

Manual Integrations

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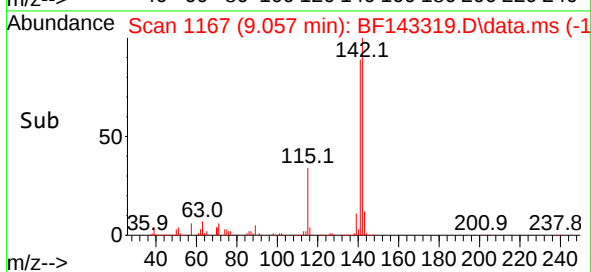
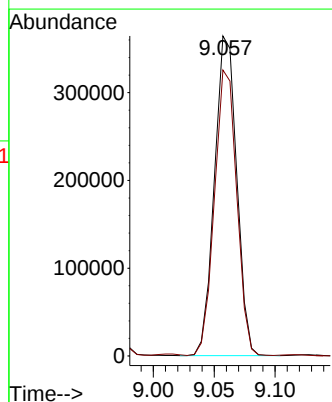
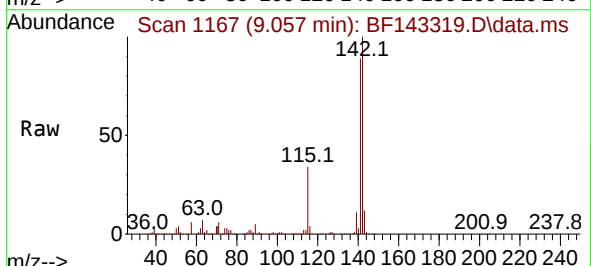
Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#38
1-Methylnaphthalene
Concen: 37.272 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:142 Resp: 463577
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:164 Resp: 172118

Ion Ratio Lower Upper

164 100

162 98.5 79.0 118.6

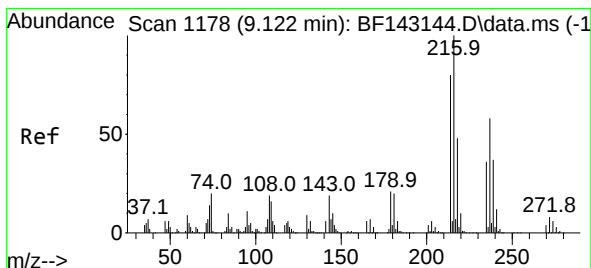
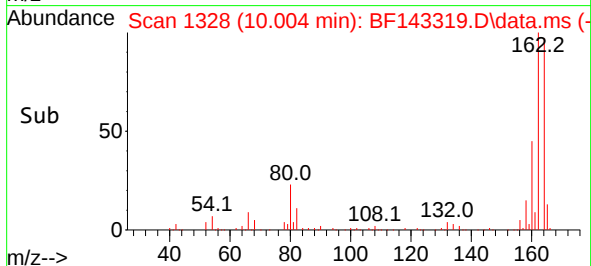
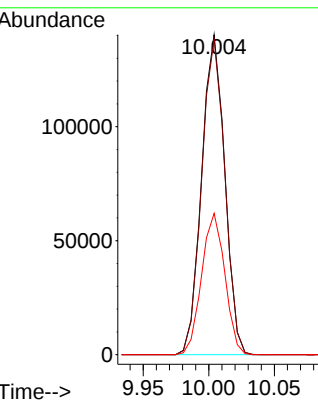
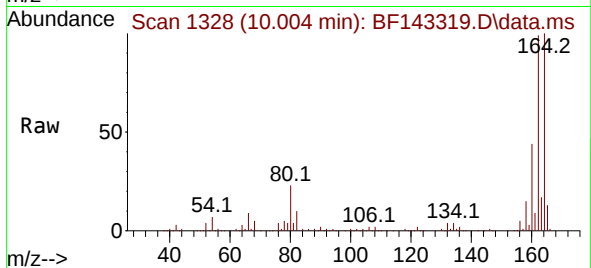
160 44.1 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.049 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:216 Resp: 218890

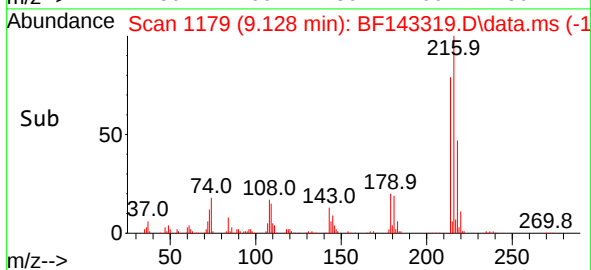
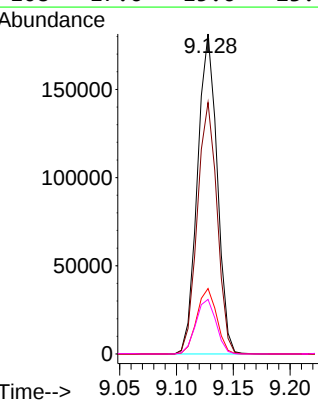
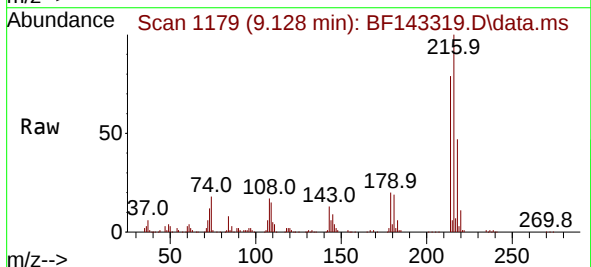
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 20.6 16.4 24.6

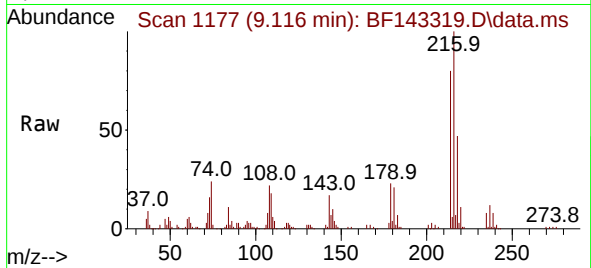
108 17.6 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 3.125 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

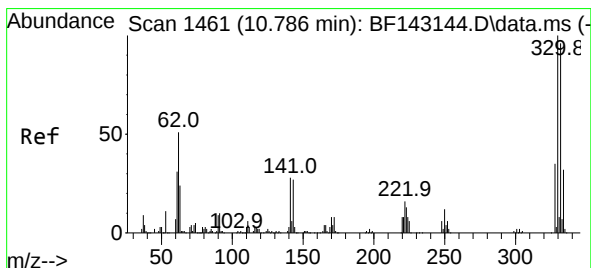
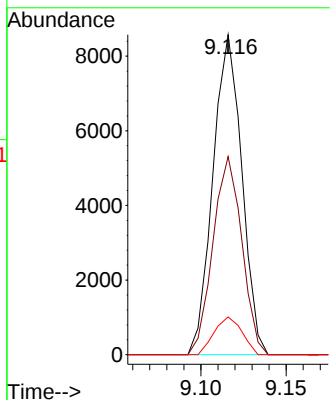
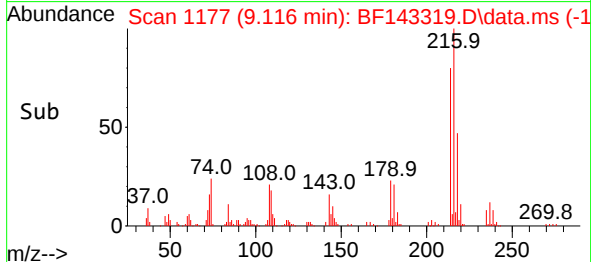
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



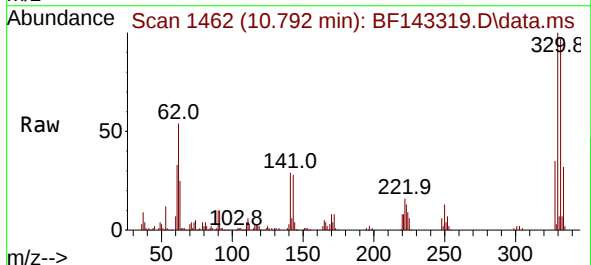
Tgt Ion:237 Resp: 1010
Ion Ratio Lower Upper
237 100
235 61.9 43.0 83.0
272 11.8 0.0 33.3

Manual Integrations
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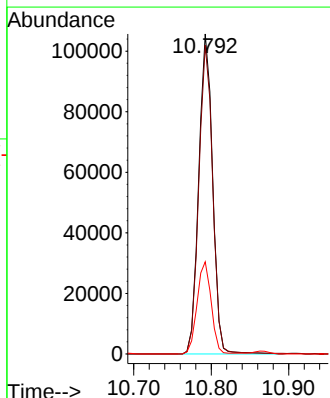
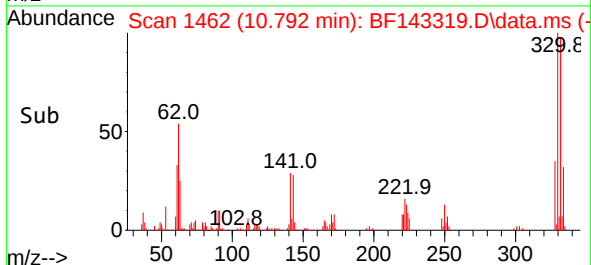
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#42
2,4,6-Tribromophenol
Concen: 73.759 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion:330 Resp: 131149
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 29.4 23.3 34.9





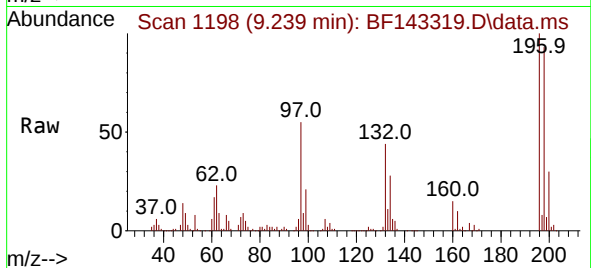
#43
2,4,6-Trichlorophenol
Concen: 37.154 ng
RT: 9.239 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



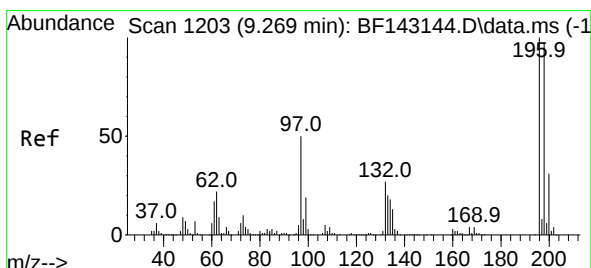
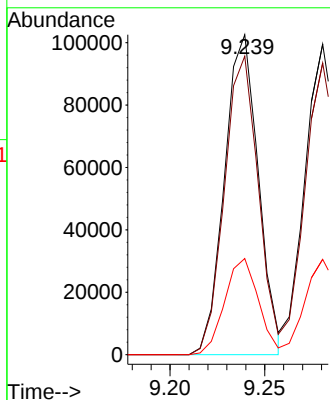
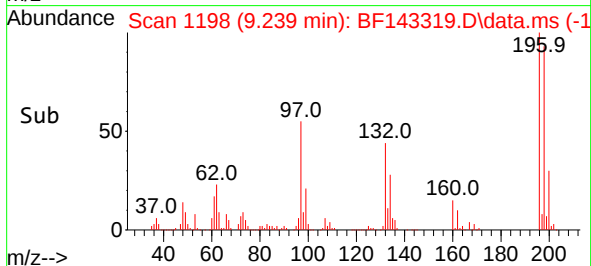
Tgt Ion:196 Resp: 127779
Ion Ratio Lower Upper
196 100
198 93.3 76.2 114.2
200 30.1 23.9 35.9

Manual Integrations

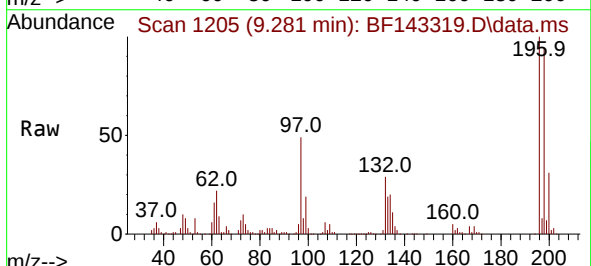
APPROVED

Reviewed By :Rahul Chavli 08/06/2025

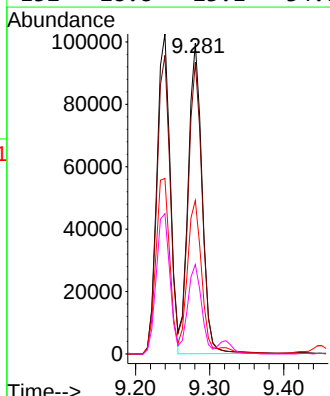
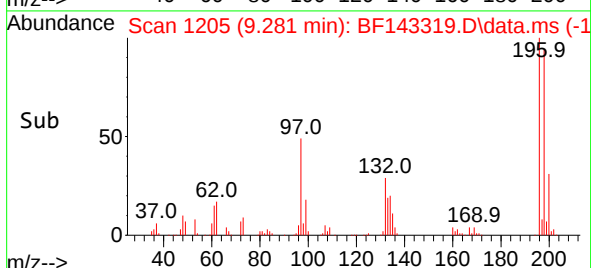
Supervised By :Jagrut Upadhyay 08/06/2025

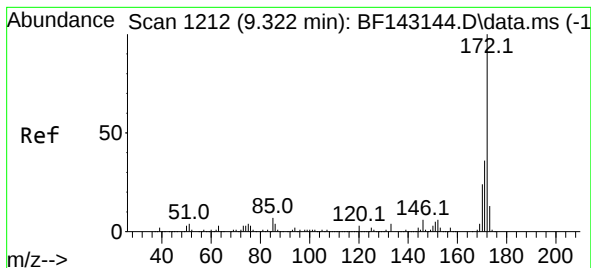


#44
2,4,5-Trichlorophenol
Concen: 37.720 ng
RT: 9.281 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion:196 Resp: 129763
Ion Ratio Lower Upper
196 100
198 93.9 77.3 115.9
97 49.4 40.3 60.5
132 28.8 23.1 34.7





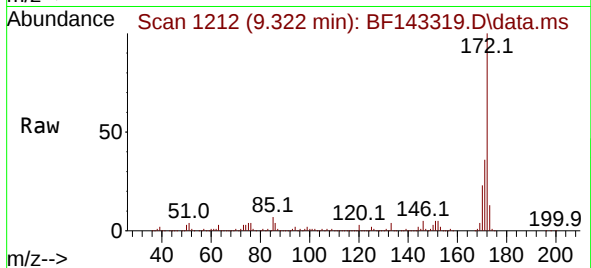
#45
2-Fluorobiphenyl
Concen: 86.070 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



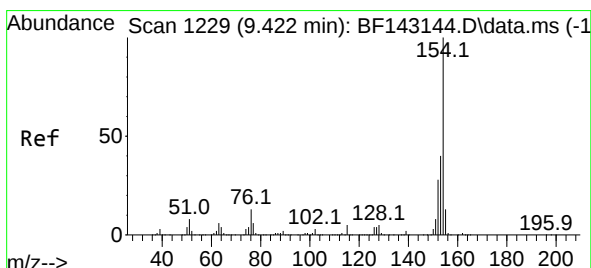
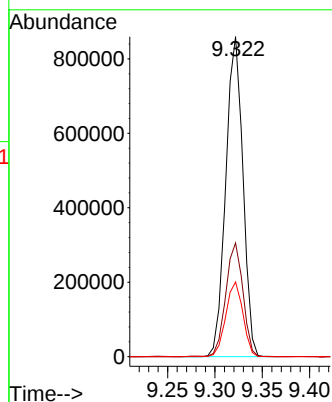
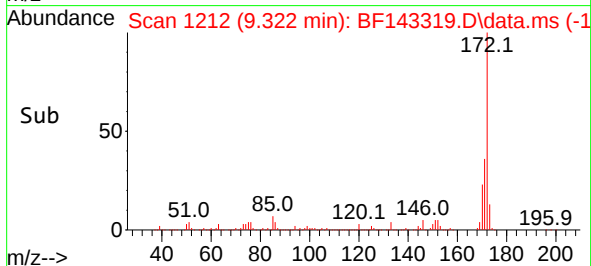
Tgt Ion:172 Resp: 1083208
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.4 18.8 28.2

Manual Integrations

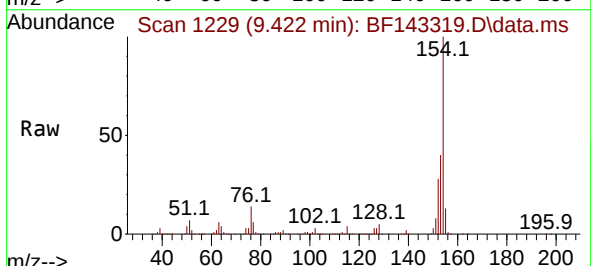
APPROVED

Reviewed By :Rahul Chavli 08/06/2025

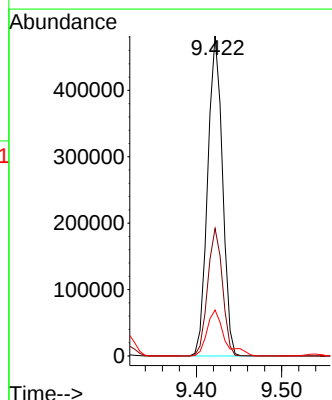
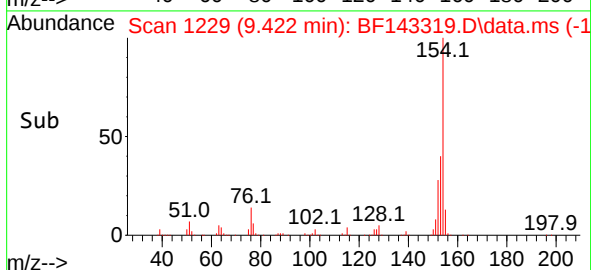
Supervised By :Jagrut Upadhyay 08/06/2025

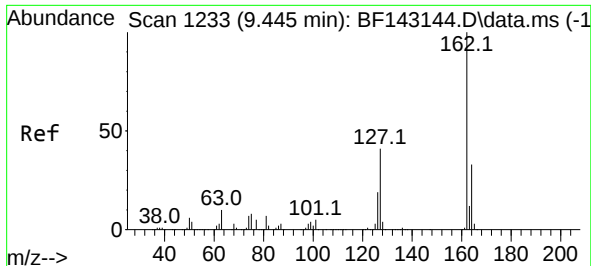


#46
1,1'-Biphenyl
Concen: 43.239 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



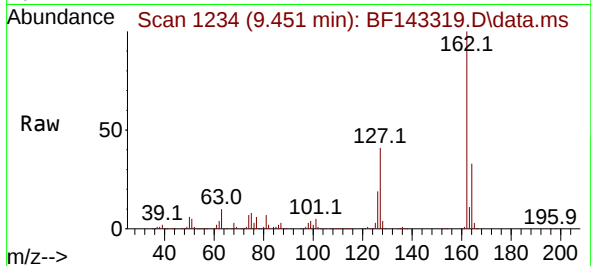
Tgt Ion:154 Resp: 580633
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 14.4 0.0 33.3





#47
2-Chloronaphthalene
Concen: 41.417 ng
RT: 9.451 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

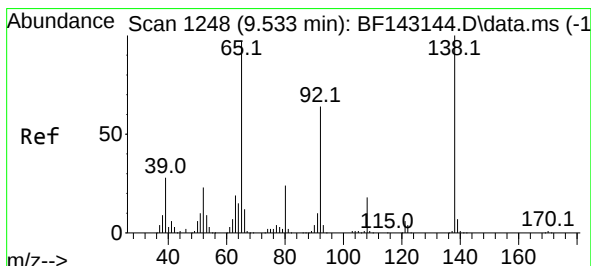
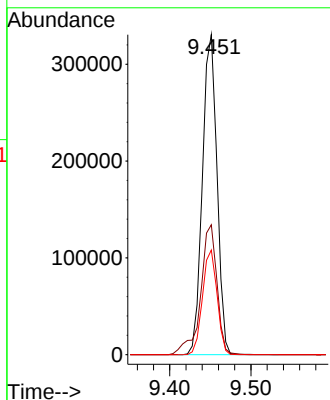
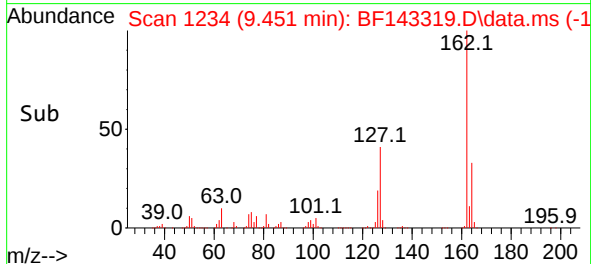
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:162 Resp: 411529
Ion Ratio Lower Upper
162 100
127 40.6 33.4 50.2
164 32.7 26.2 39.2

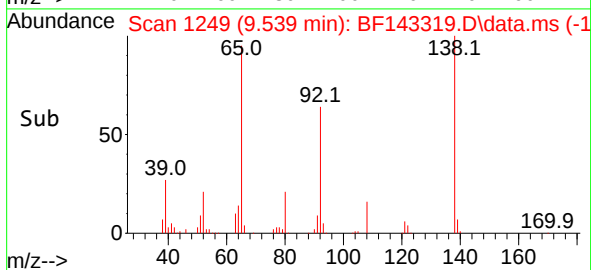
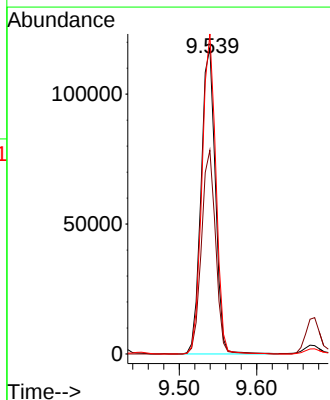
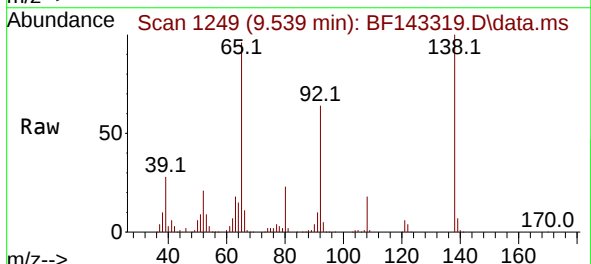
Manual Integrations
APPROVED

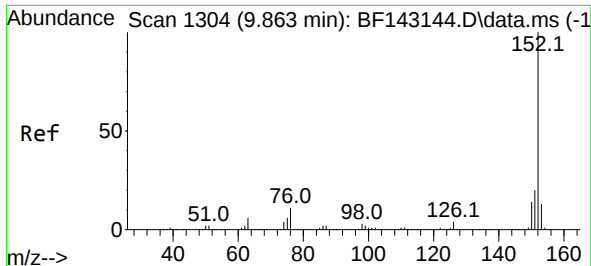
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#48
2-Nitroaniline
Concen: 48.428 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion: 65 Resp: 150901
Ion Ratio Lower Upper
65 100
92 66.5 52.4 78.6
138 104.5 82.3 123.5





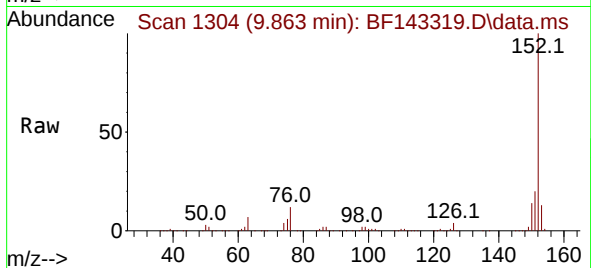
#49
Acenaphthylene
Concen: 40.205 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



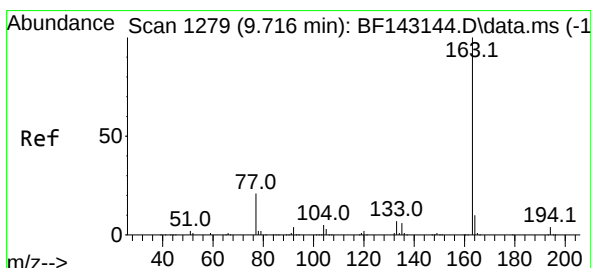
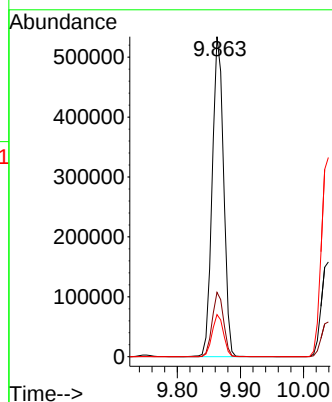
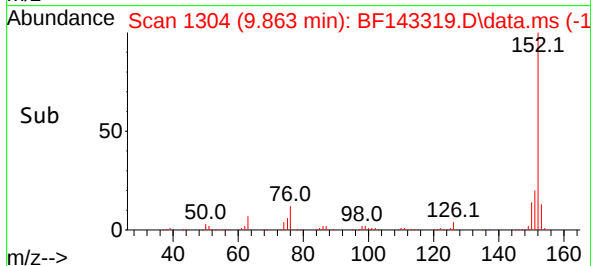
Tgt Ion:152 Resp: 669468
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.6 16.0

Manual Integrations

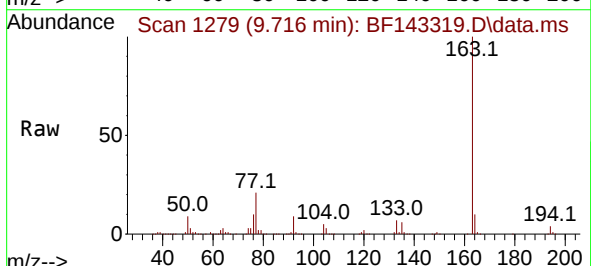
APPROVED

Reviewed By :Rahul Chavli 08/06/2025

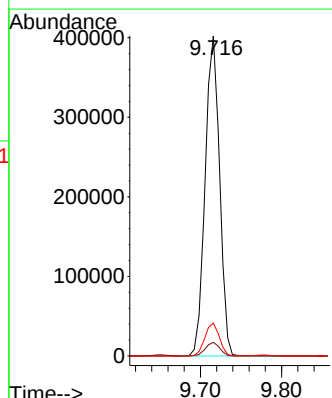
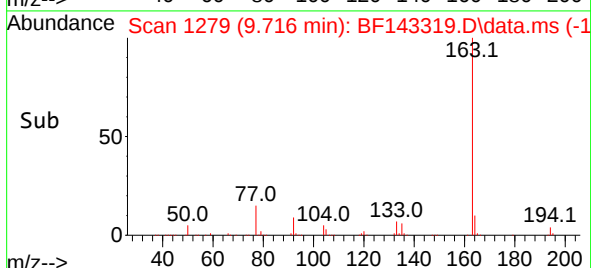
Supervised By :Jagrut Upadhyay 08/06/2025

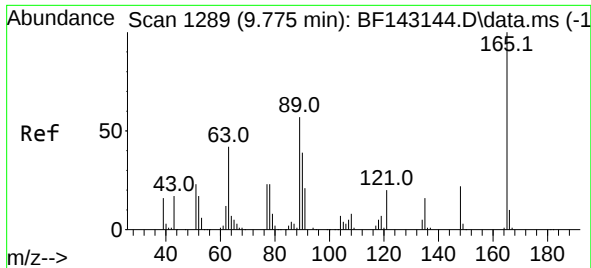


#50
Dimethylphthalate
Concen: 44.194 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion:163 Resp: 495822
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 38.398 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

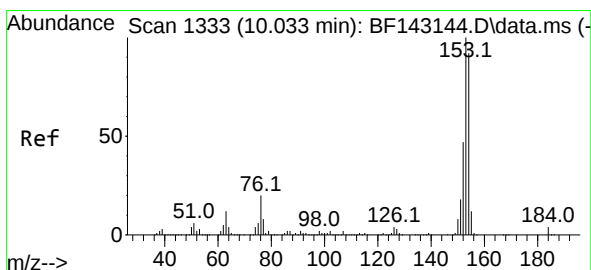
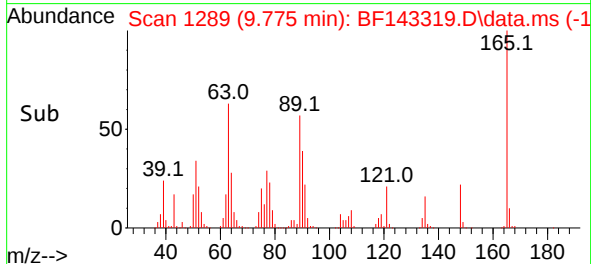
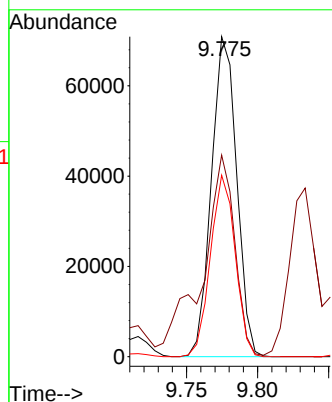
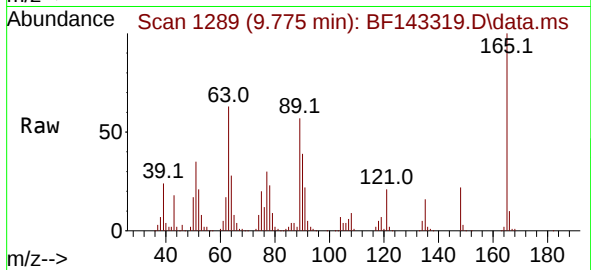
SSTDCCC040EC

Tgt Ion:165 Resp: 87639
Ion Ratio Lower Upper
165 100
63 63.0 49.4 74.2
89 56.7 46.2 69.2

Manual Integrations

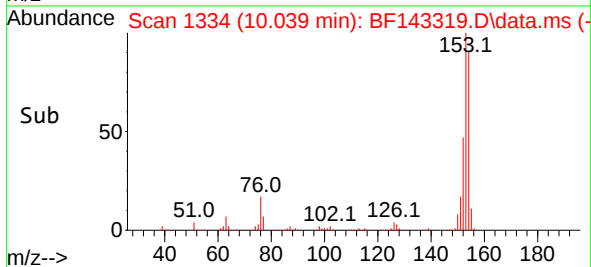
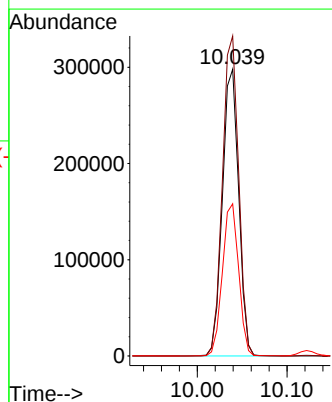
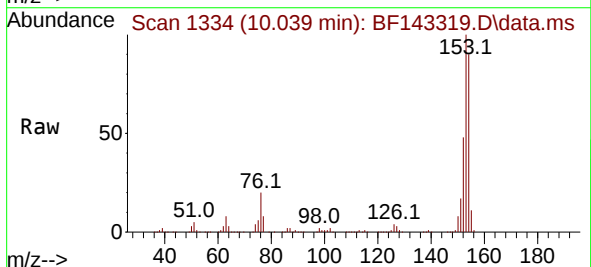
APPROVED

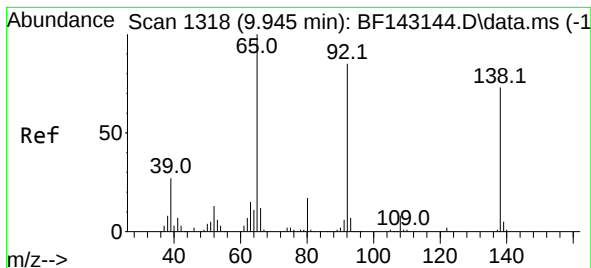
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#52
Acenaphthene
Concen: 38.143 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

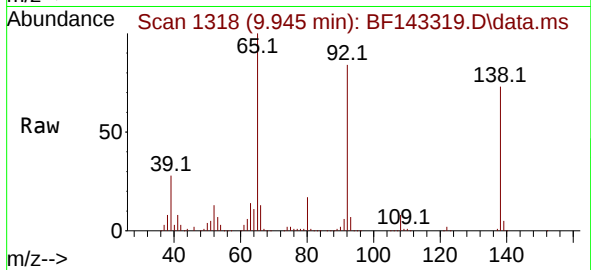
Tgt Ion:154 Resp: 375398
Ion Ratio Lower Upper
154 100
153 111.6 86.6 129.8
152 53.1 40.4 60.6





#53
3-Nitroaniline
Concen: 49.113 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

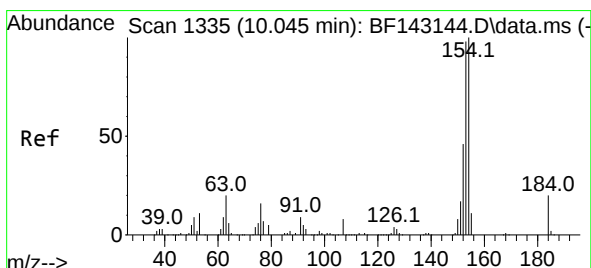
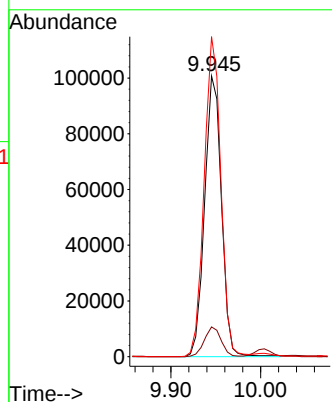
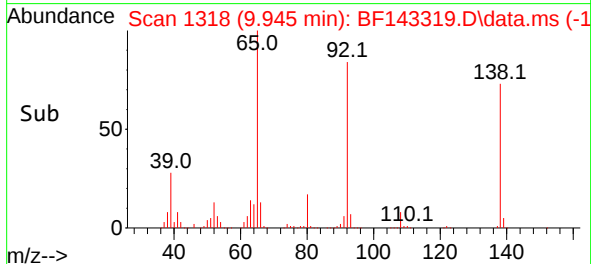
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:138 Resp: 13110
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 114.0 93.0 139.4

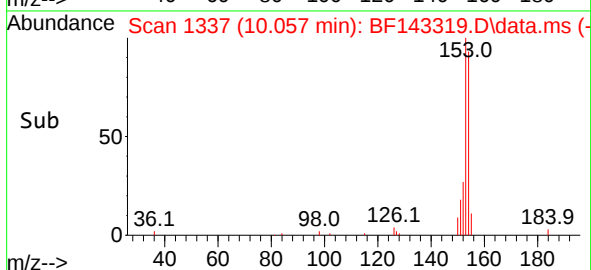
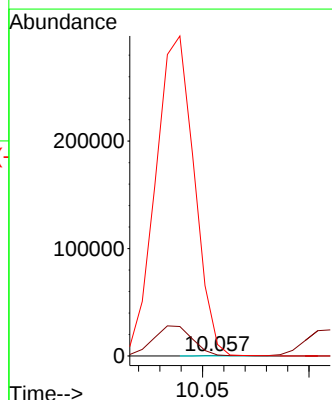
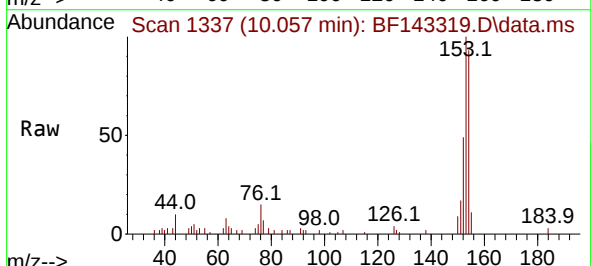
Manual Integrations
APPROVED

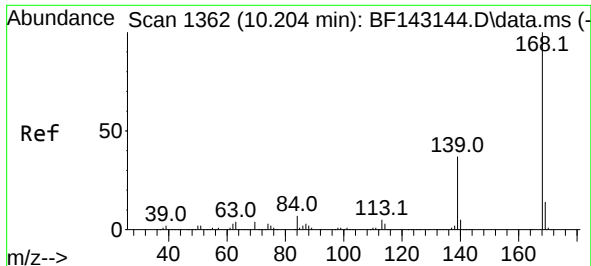
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#54
2,4-Dinitrophenol
Concen: 7.056 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

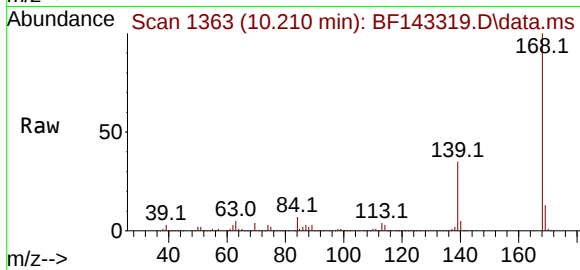
Tgt Ion:184 Resp: 443
Ion Ratio Lower Upper
184 100
63 309.1 81.8 122.6#
154 3389.3 412.2 618.4#





#55
Dibenzenofuran
Concen: 39.101 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

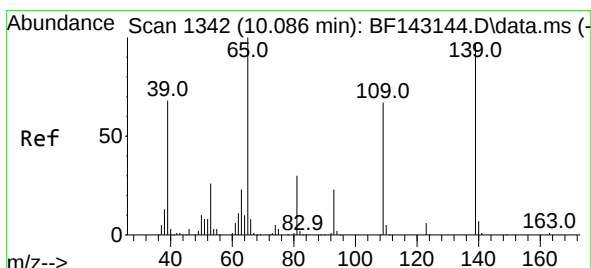
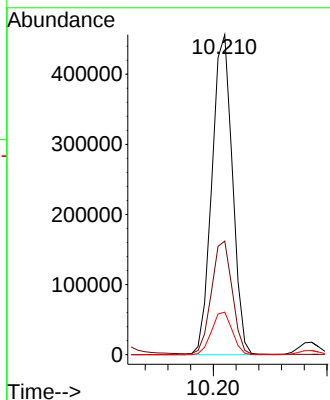
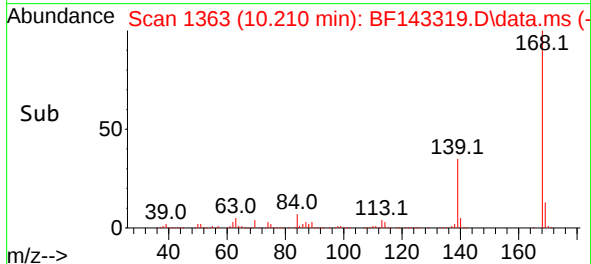
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 571344
Ion Ratio Lower Upper
168 100
139 35.5 29.5 44.3
169 13.3 10.9 16.3

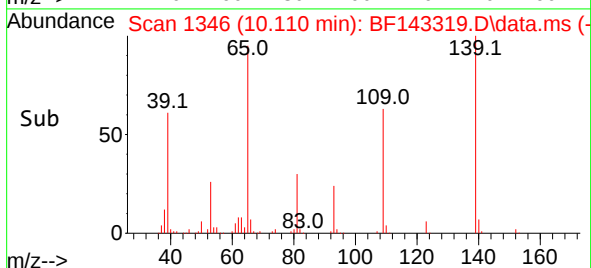
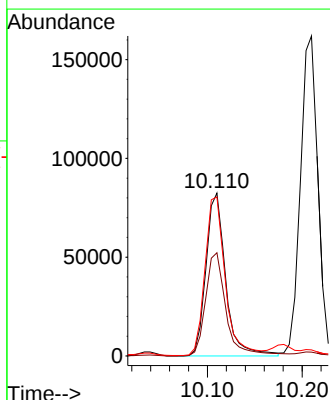
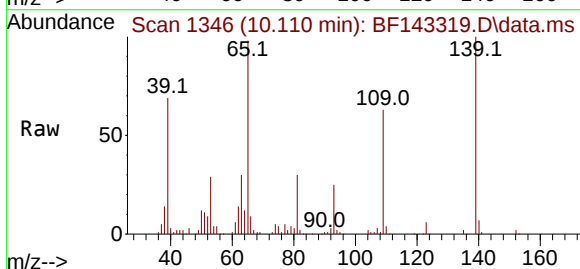
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#56
4-Nitrophenol
Concen: 59.649 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.024 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

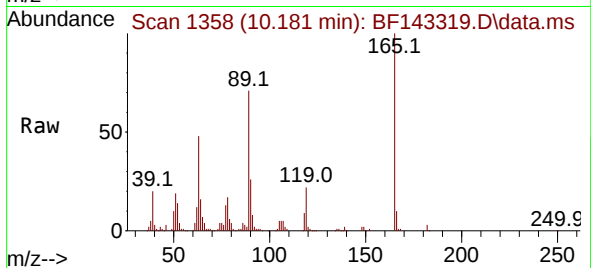
Tgt Ion:139 Resp: 118907
Ion Ratio Lower Upper
139 100
109 63.4 48.5 88.5
65 97.7 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 36.532 ng
RT: 10.181 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

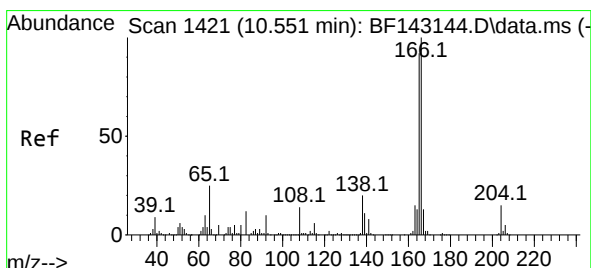
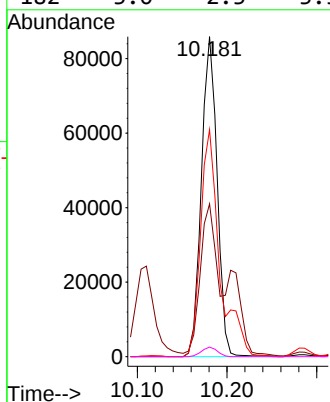
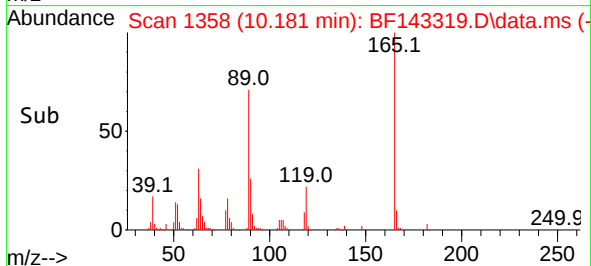
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



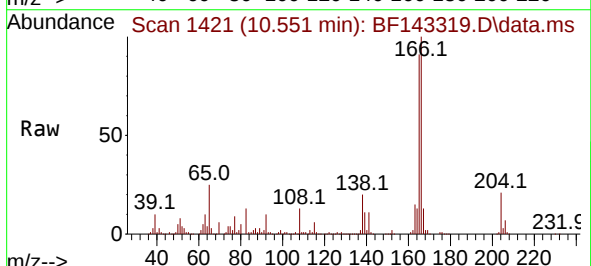
Tgt Ion:165 Resp: 104600
Ion Ratio Lower Upper
165 100
63 47.8 41.0 61.4
89 71.0 61.1 91.7
182 3.0 2.3 3.5

Manual Integrations
APPROVED

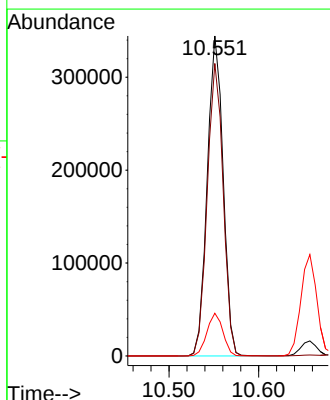
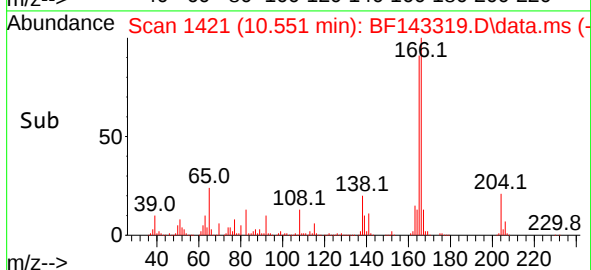
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

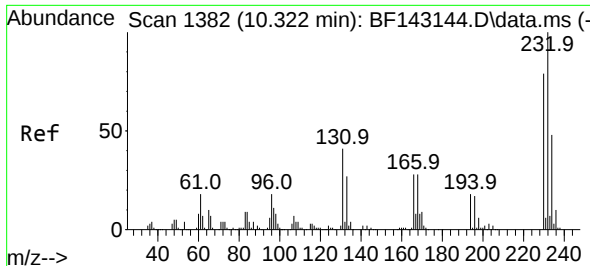


#58
Fluorene
Concen: 38.582 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



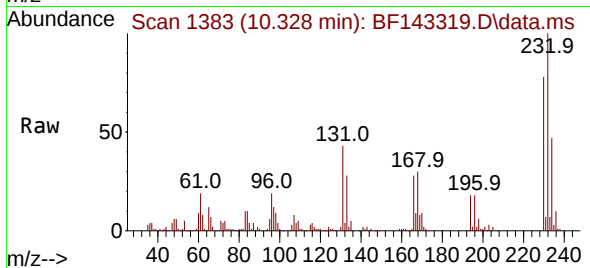
Tgt Ion:166 Resp: 423115
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.617 ng
RT: 10.328 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

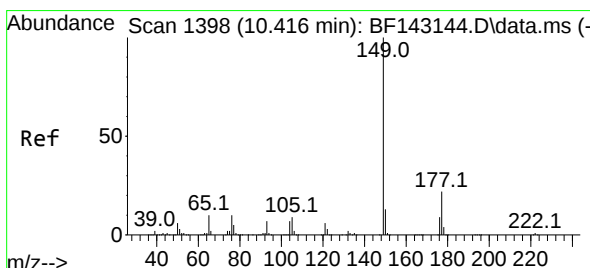
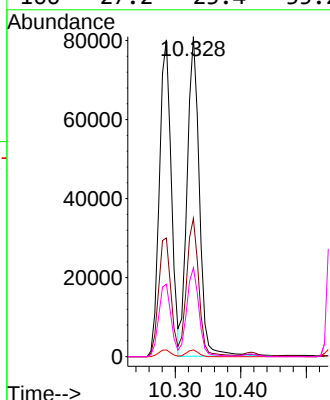
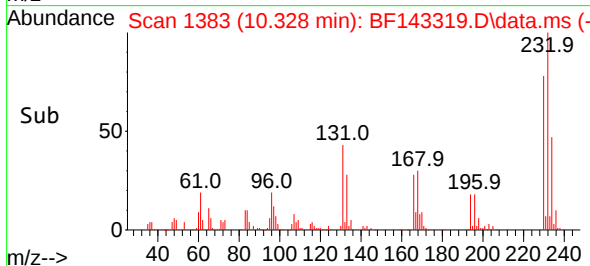
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



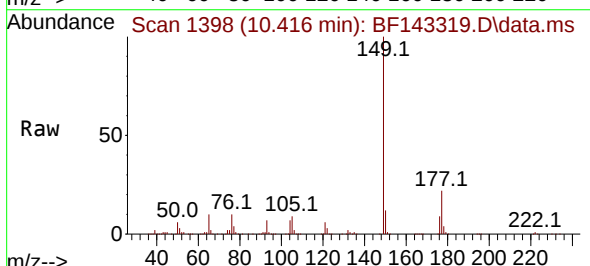
Tgt Ion:232 Resp: 10434
Ion Ratio Lower Upper
232 100
131 42.8 35.3 52.9
130 2.1 1.7 2.5
166 27.2 23.4 35.2

Manual Integrations
APPROVED

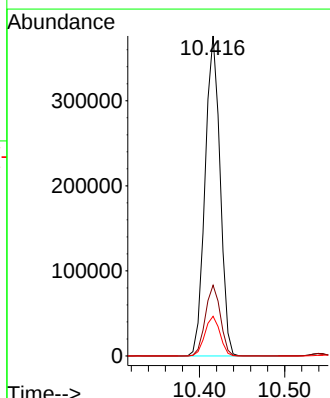
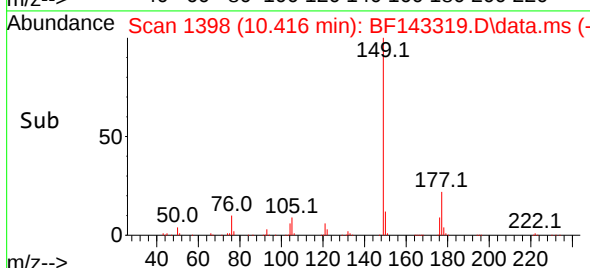
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

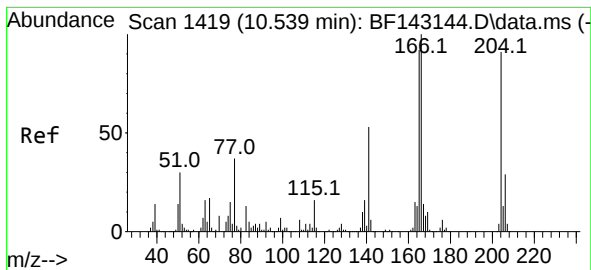


#60
Diethylphthalate
Concen: 41.574 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



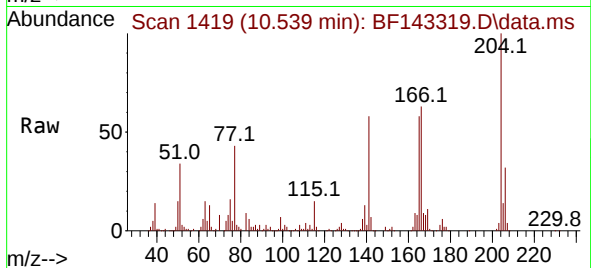
Tgt Ion:149 Resp: 461013
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.319 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

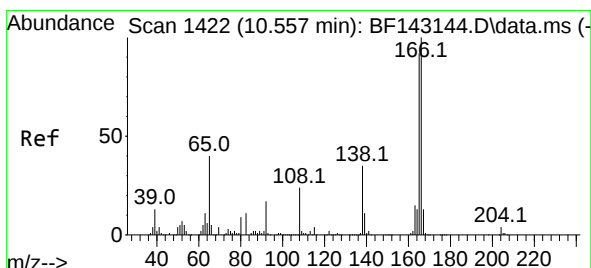
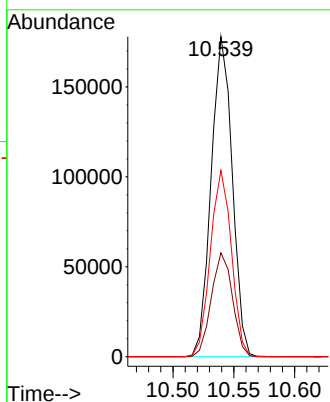
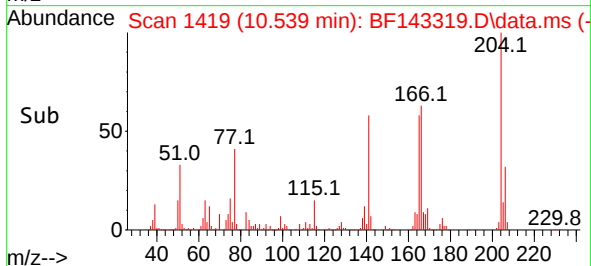
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



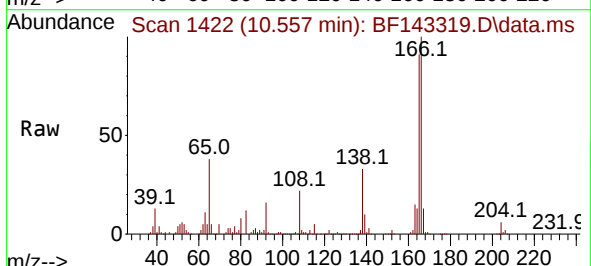
Tgt Ion:204 Resp: 214710
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 58.2 47.0 70.4

Manual Integrations
APPROVED

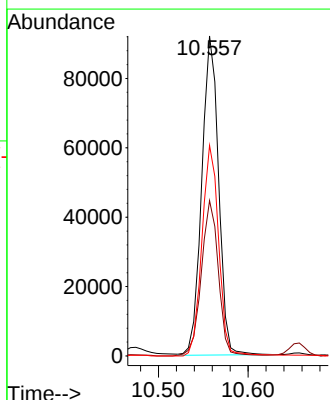
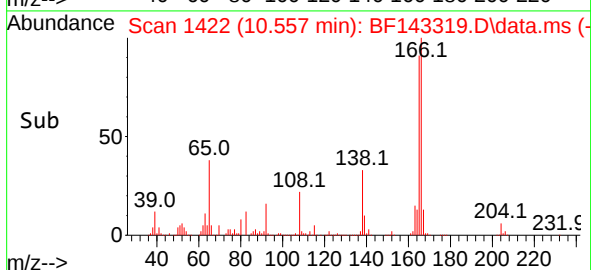
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

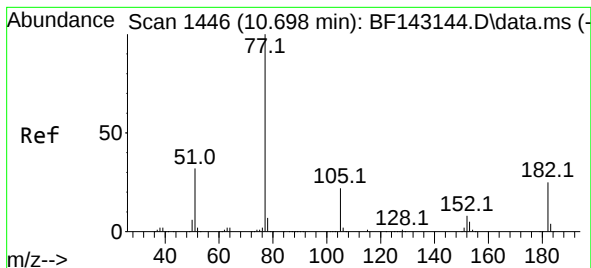


#62
4-Nitroaniline
Concen: 52.351 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



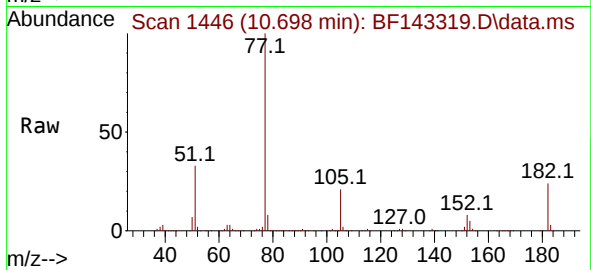
Tgt Ion:138 Resp: 119776
Ion Ratio Lower Upper
138 100
92 48.5 29.3 69.3
108 65.8 48.3 88.3





#63
Azobenzene
Concen: 38.157 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

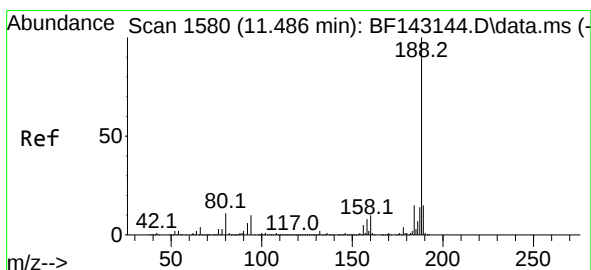
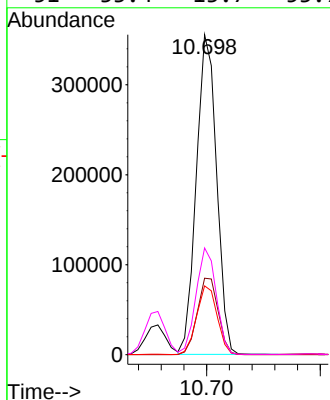
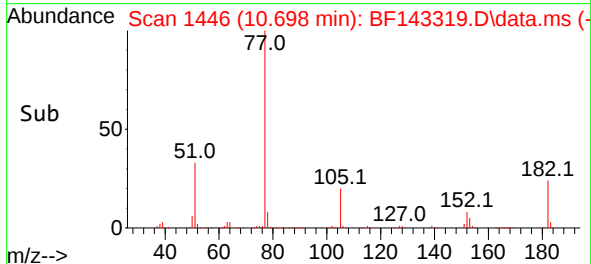
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



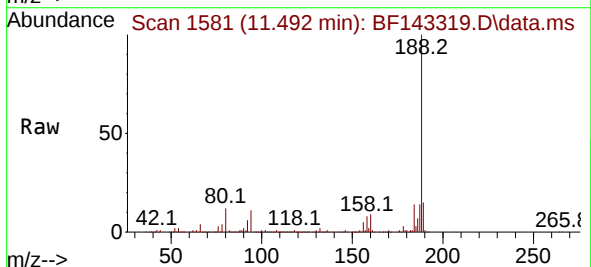
Tgt Ion: 77 Resp: 440989
Ion Ratio Lower Upper
77 100
182 23.9 4.6 44.6
105 21.5 1.4 41.4
51 33.4 13.7 53.7

Manual Integrations
APPROVED

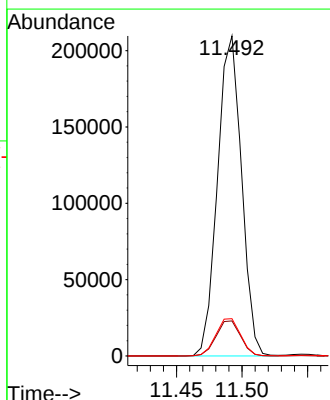
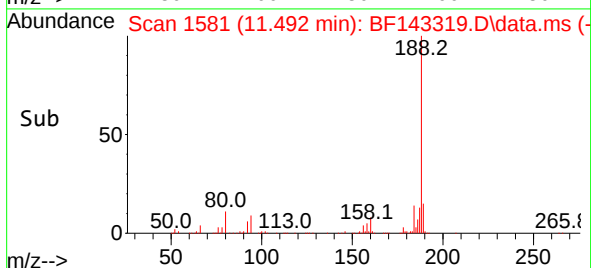
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



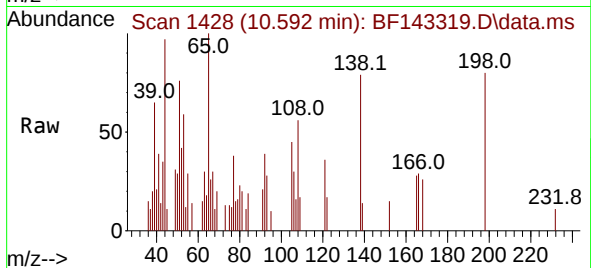
Tgt Ion:188 Resp: 266991
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.7 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 6.326 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

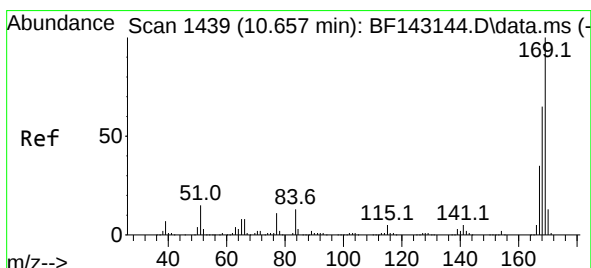
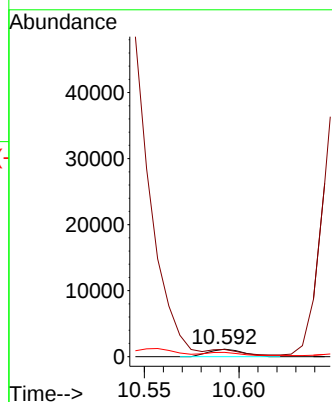
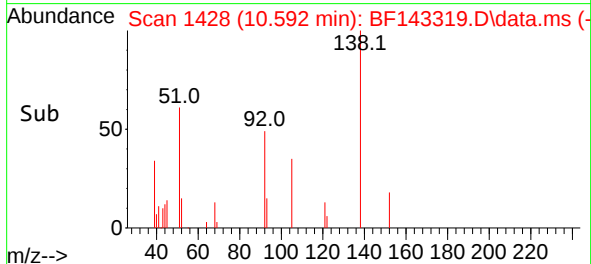
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



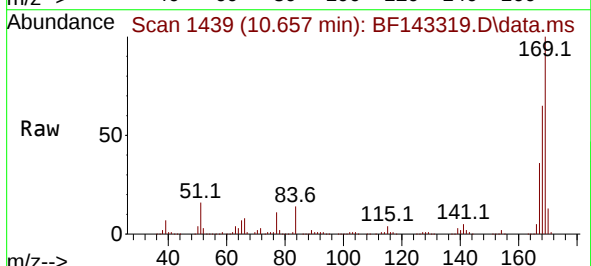
Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 95.0 37.2 77.2
105 56.3 24.8 64.8

Manual Integrations
APPROVED

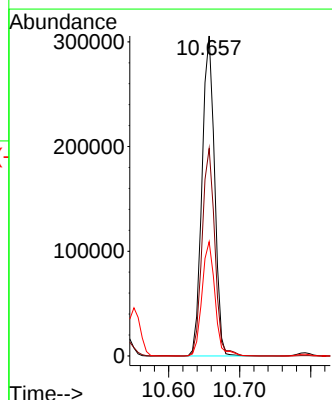
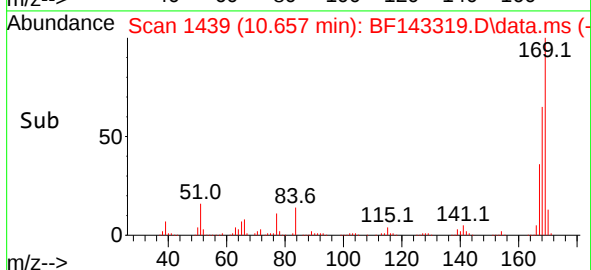
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#66
n-Nitrosodiphenylamine
Concen: 40.035 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



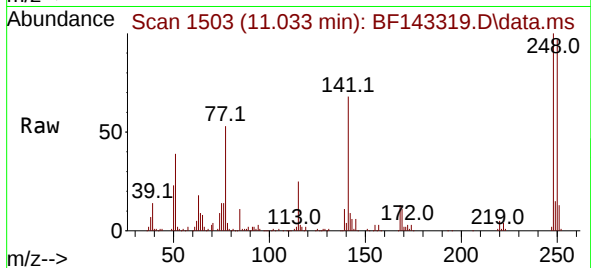
Tgt Ion:169 Resp: 376391
Ion Ratio Lower Upper
169 100
168 64.9 52.1 78.1
167 35.7 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 38.674 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

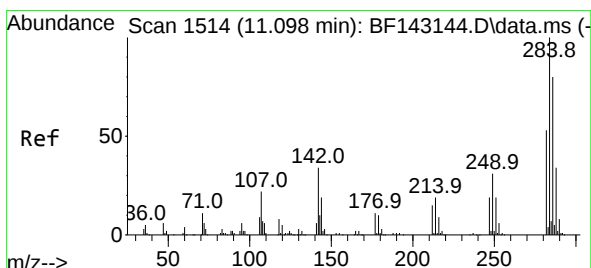
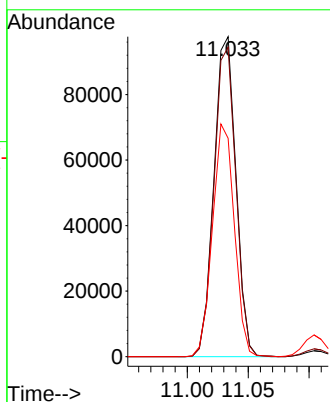
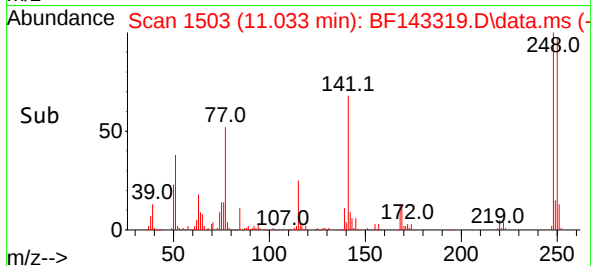
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



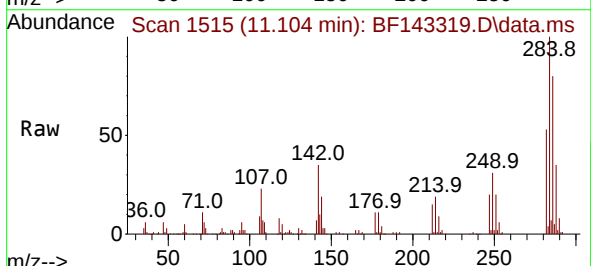
Tgt Ion:248 Resp: 123058
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 68.3 59.2 88.8

Manual Integrations
APPROVED

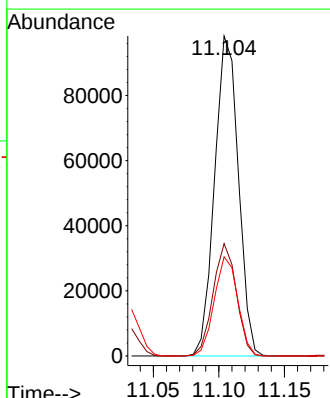
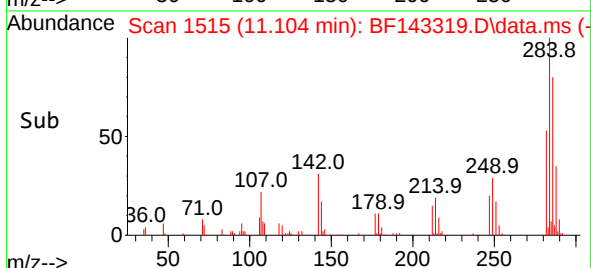
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

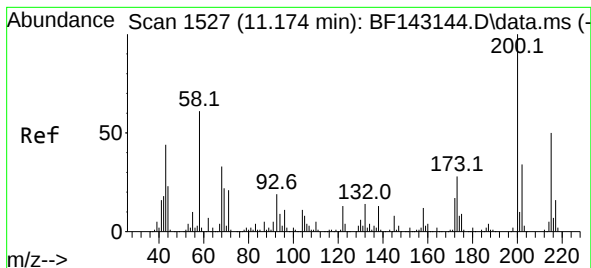


#68
Hexachlorobenzene
Concen: 37.156 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



Tgt Ion:284 Resp: 123569
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.6
249 31.0 25.0 37.6





#69

Atrazine

Concen: 37.500 ng

RT: 11.180 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

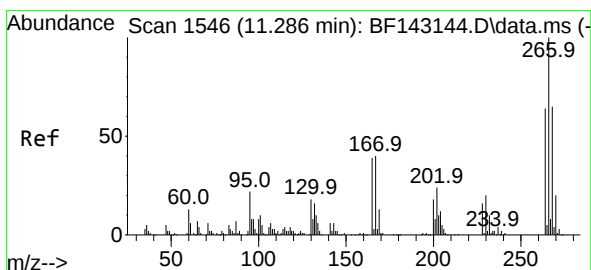
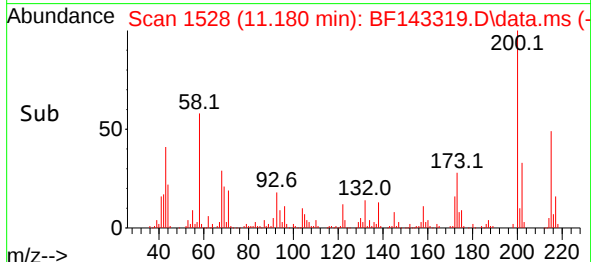
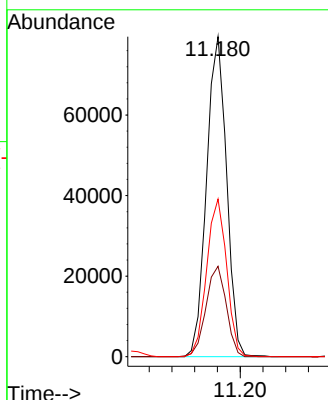
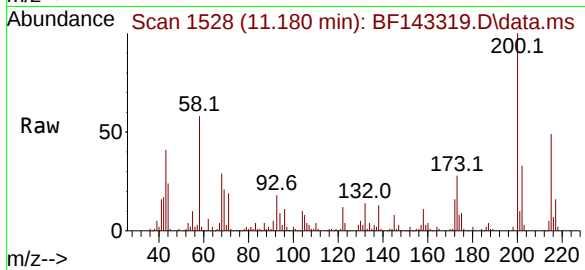
Tgt Ion:200 Resp: 97197
 Ion Ratio Lower Upper
 200 100
 173 28.2 7.9 47.9
 215 49.2 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#70

Pentachlorophenol

Concen: 29.810 ng

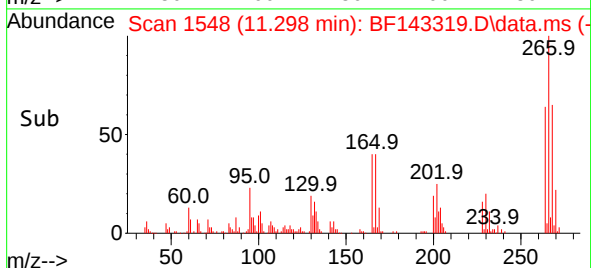
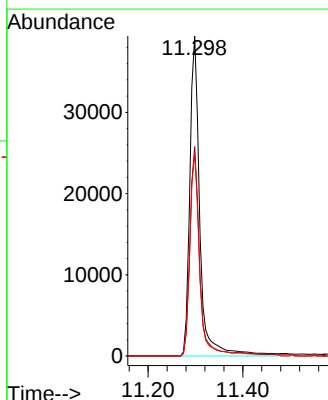
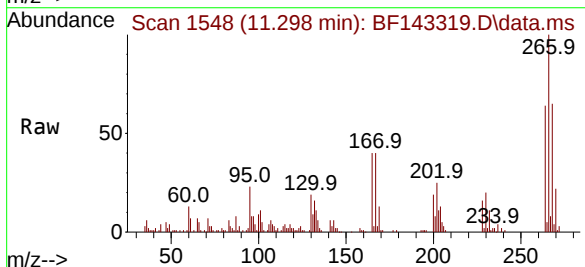
RT: 11.298 min Scan# 1548

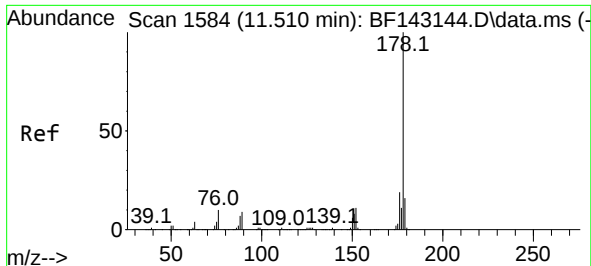
Delta R.T. 0.012 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

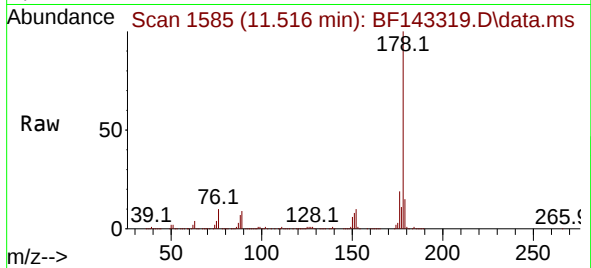
Tgt Ion:266 Resp: 58301
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.9 77.9
 264 63.5 51.0 76.6





#71
Phenanthrene
Concen: 39.982 ng
RT: 11.516 min Scan# 11584
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

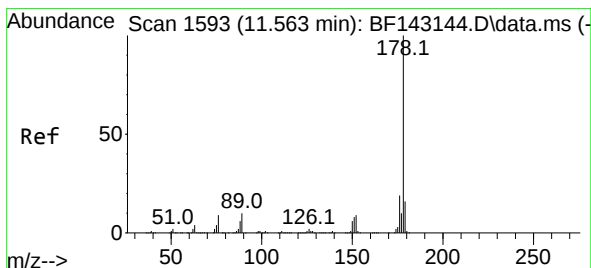
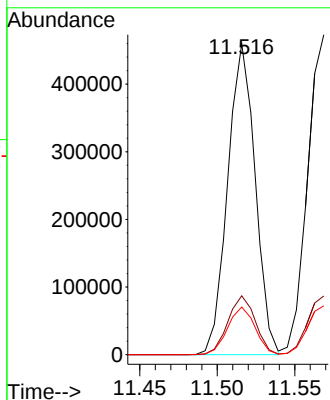
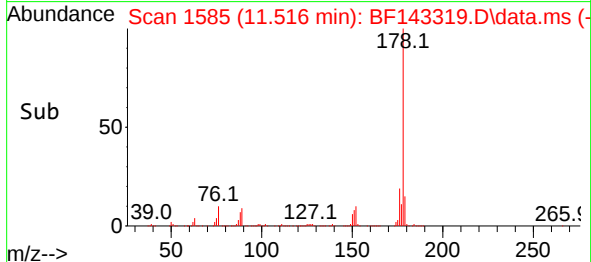
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



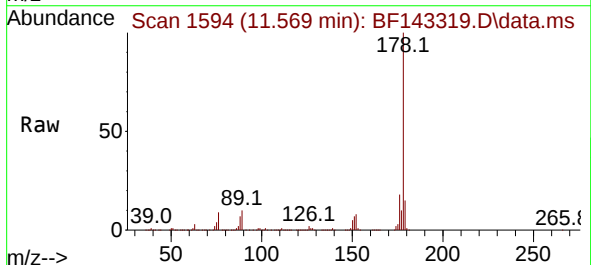
Tgt Ion:178 Resp: 566802
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.5 18.7

Manual Integrations
APPROVED

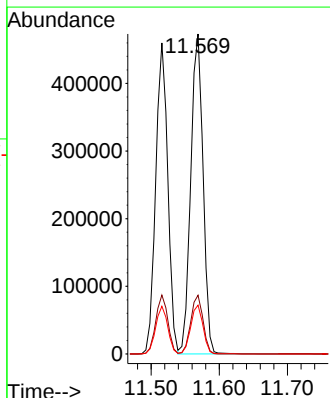
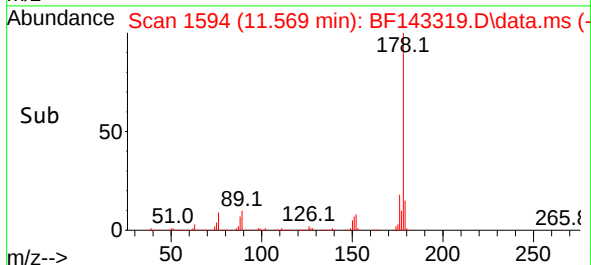
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

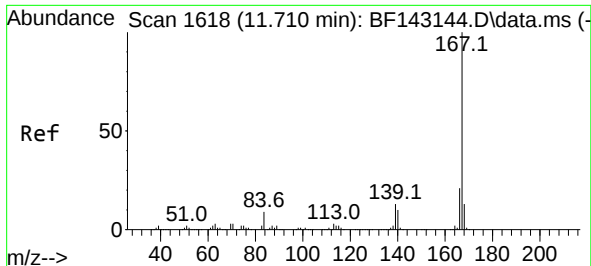


#72
Anthracene
Concen: 40.821 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54



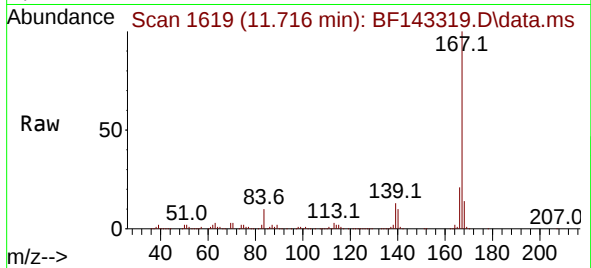
Tgt Ion:178 Resp: 590204
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 44.686 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54

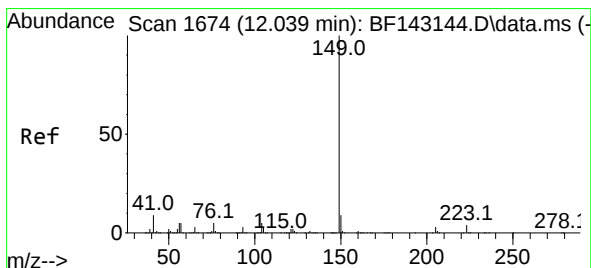
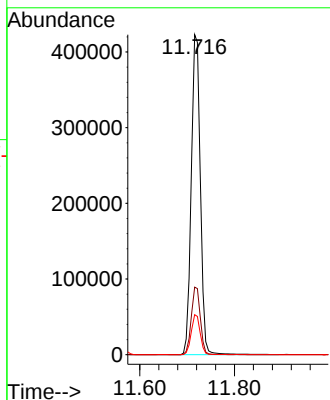
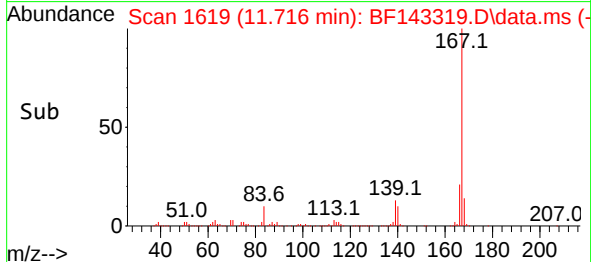
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



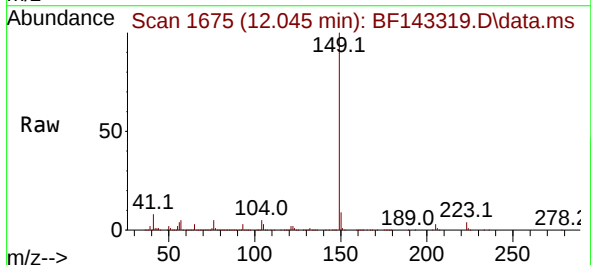
Tgt Ion:167 Resp: 564150
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.5 10.0 15.0

Manual Integrations
 APPROVED

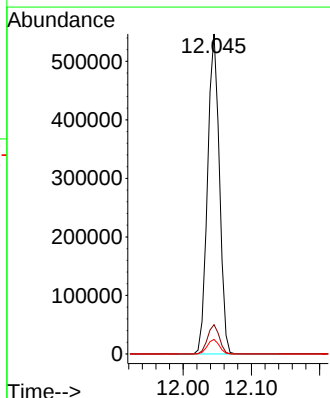
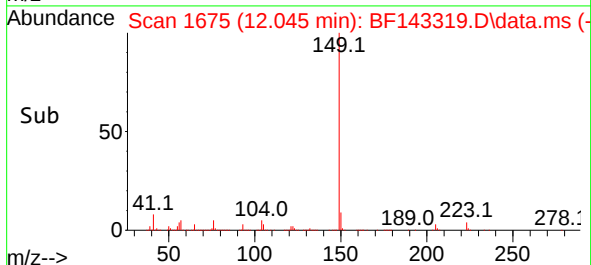
Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

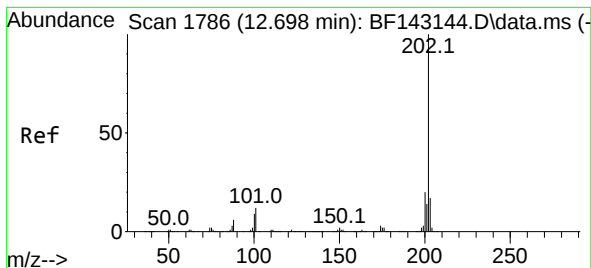


#74
 Di-n-butylphthalate
 Concen: 46.098 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54



Tgt Ion:149 Resp: 658512
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 50.419 ng

RT: 12.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

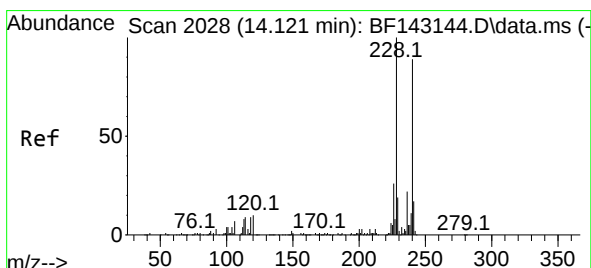
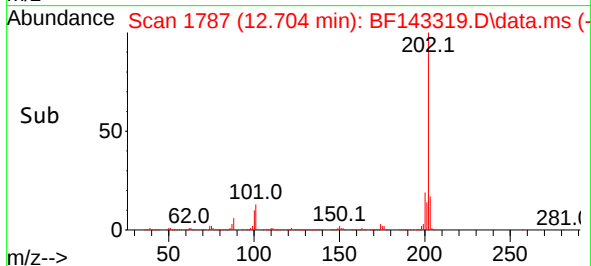
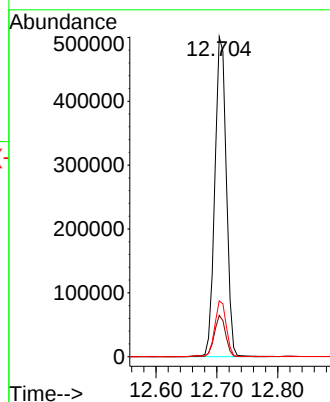
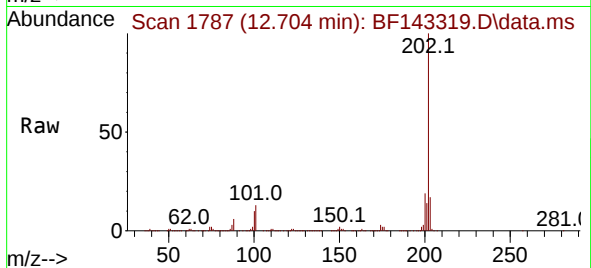
Tgt Ion:202 Resp: 65605
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.7
 203 17.5 0.0 37.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

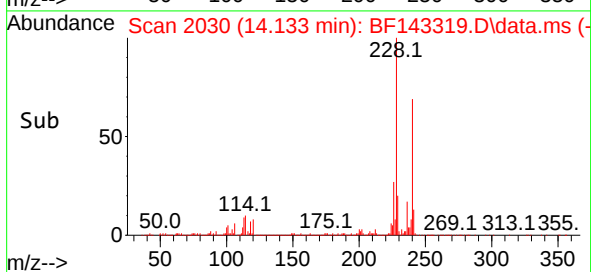
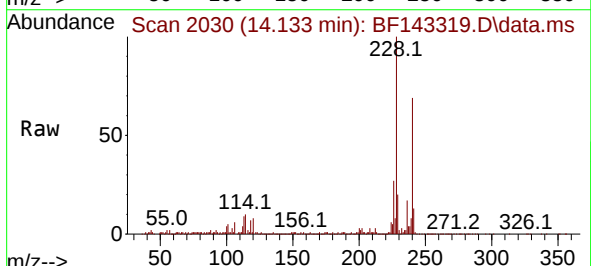
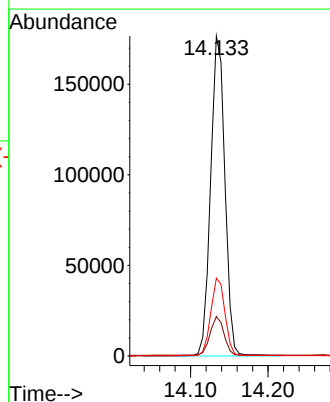
RT: 14.133 min Scan# 2030

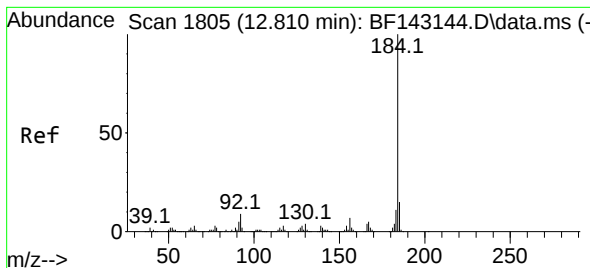
Delta R.T. 0.012 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:240 Resp: 225915
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.4 14.2
 236 24.3 20.2 30.4





#77

Benzidine

Concen: 25.449 ng

RT: 12.822 min Scan# 1807

Delta R.T. 0.012 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

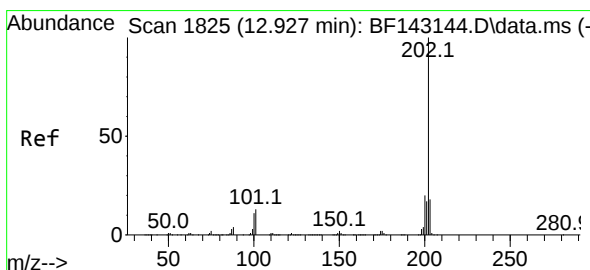
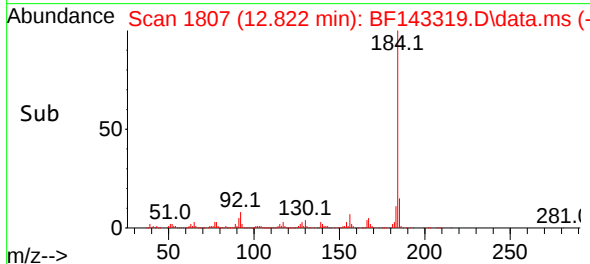
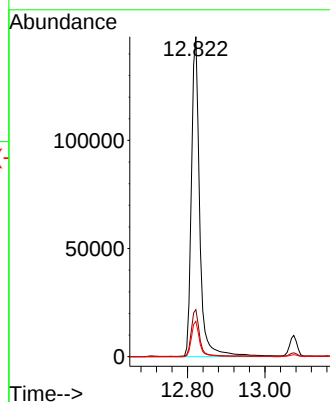
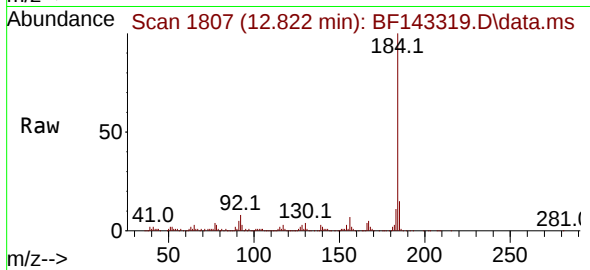
Tgt Ion:184 Resp: 221504
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.2 18.4
 183 11.1 9.0 13.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#78

Pyrene

Concen: 34.848 ng

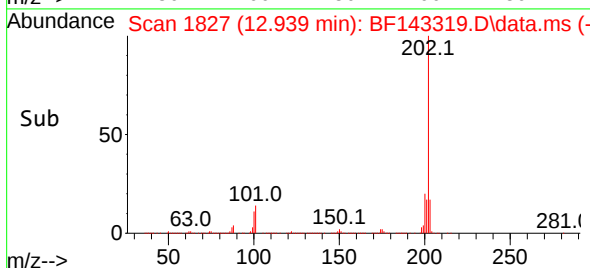
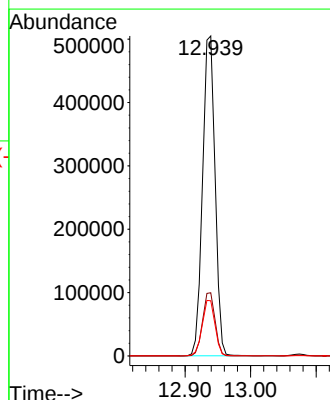
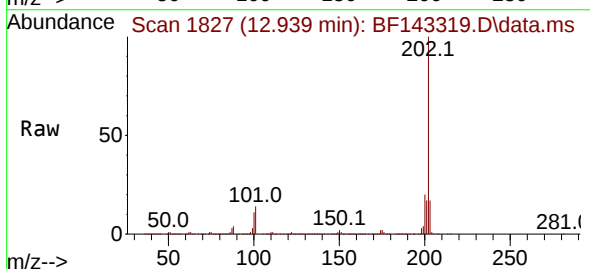
RT: 12.939 min Scan# 1827

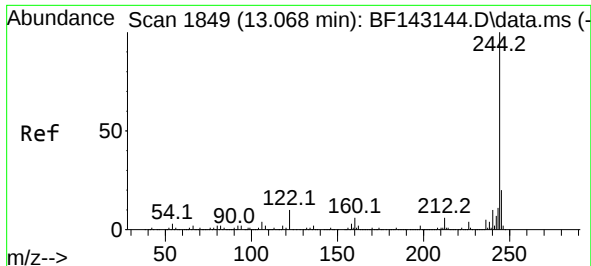
Delta R.T. 0.012 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:202 Resp: 671894
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.3 14.2 21.2





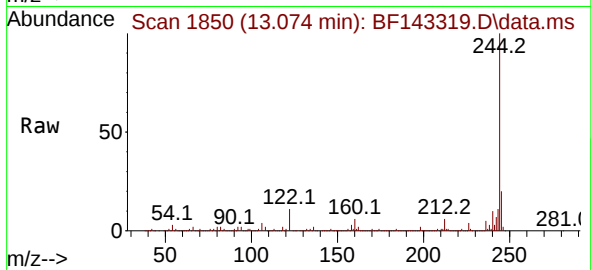
#79
 Terphenyl-d14
 Concen: 68.820 ng
 RT: 13.074 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

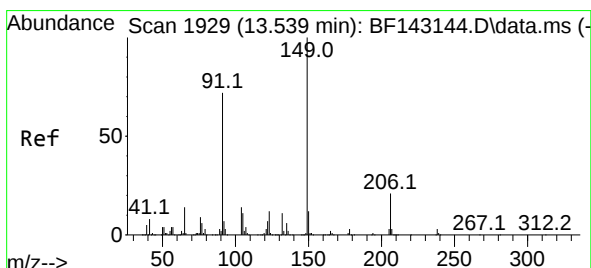
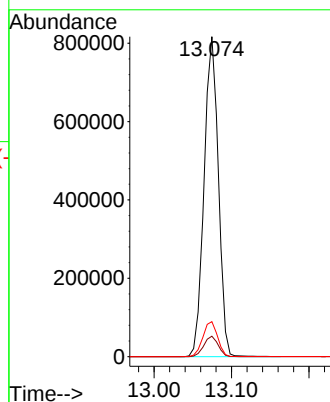
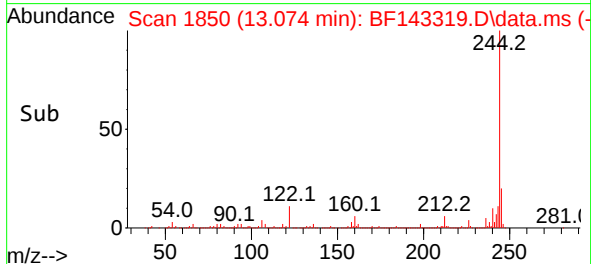


Tgt Ion:244 Resp: 1044774
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.0 8.2 12.2

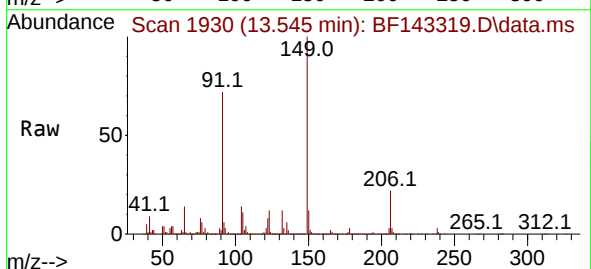
Manual Integrations

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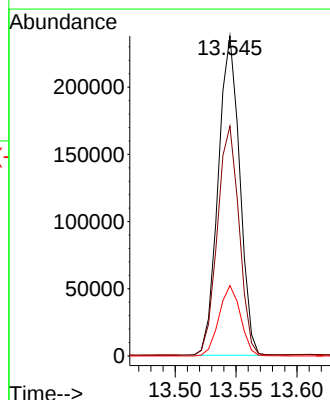
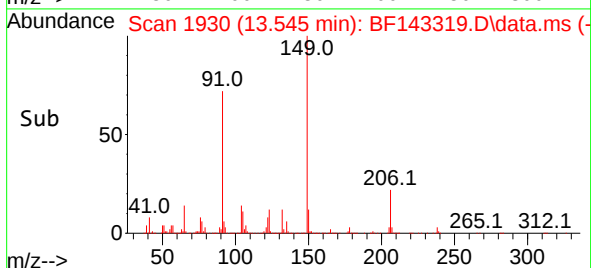
Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

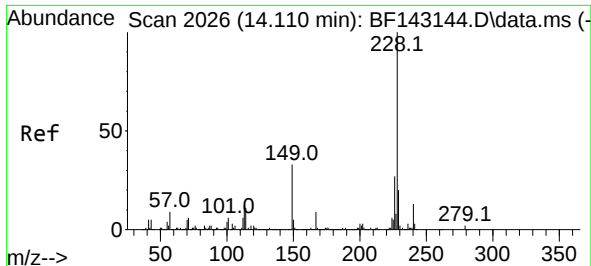


#80
 Butylbenzylphthalate
 Concen: 49.458 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54



Tgt Ion:149 Resp: 291998
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.9 86.9
 206 22.0 17.0 25.4





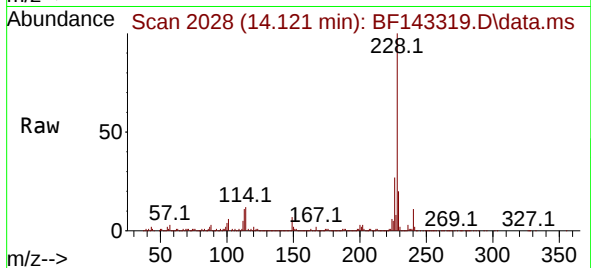
#81
Benzo(a)anthracene
Concen: 40.100 ng
RT: 14.121 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



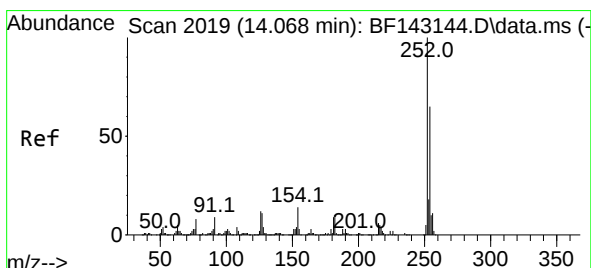
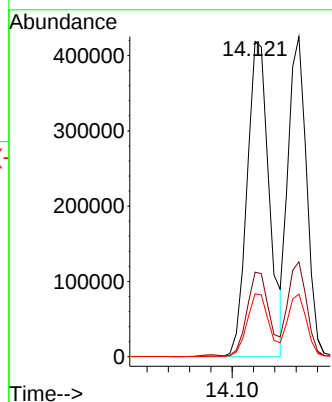
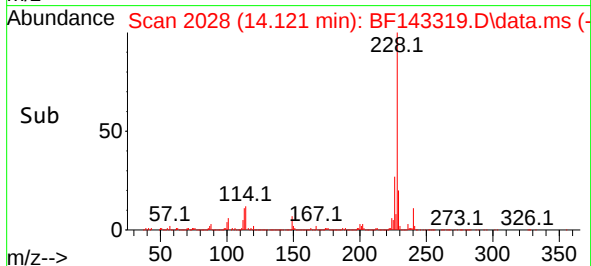
Tgt Ion:228 Resp: 60651
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 20.0 15.8 23.6

Manual Integrations

APPROVED

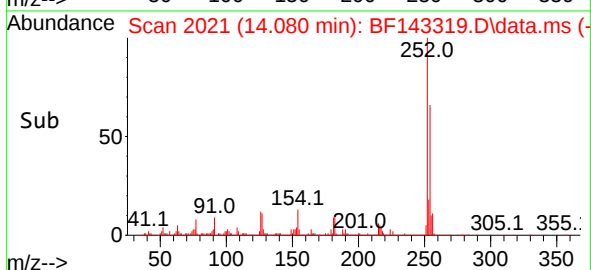
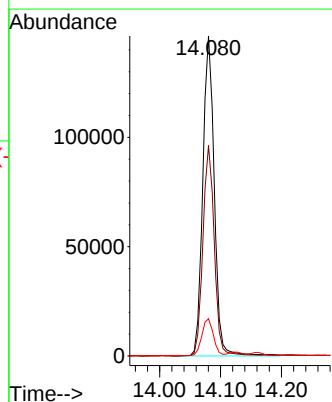
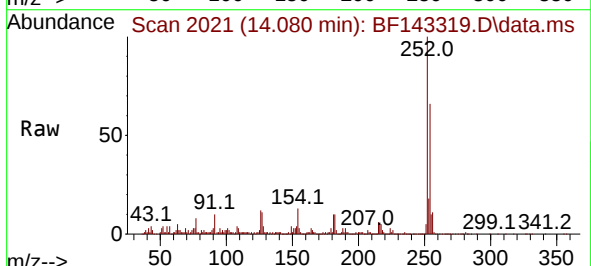
Reviewed By :Rahul Chavli 08/06/2025

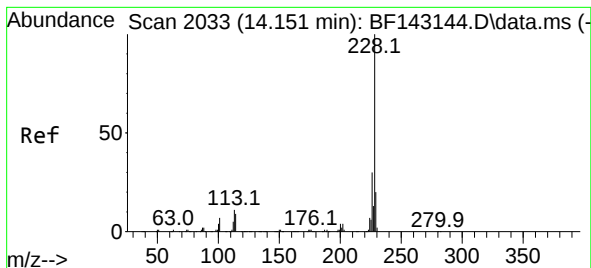
Supervised By :Jagrut Upadhyay 08/06/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.242 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:252 Resp: 192778
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 11.7 9.4 14.0





#83

Chrysene

Concen: 37.926 ng

RT: 14.163 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 51574

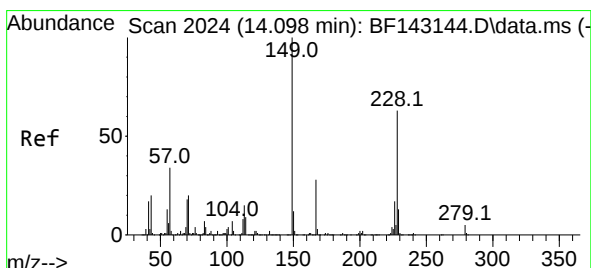
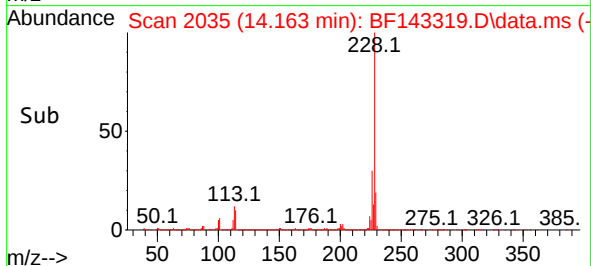
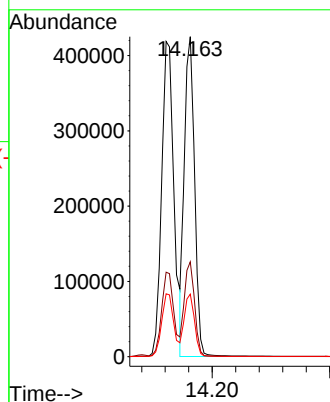
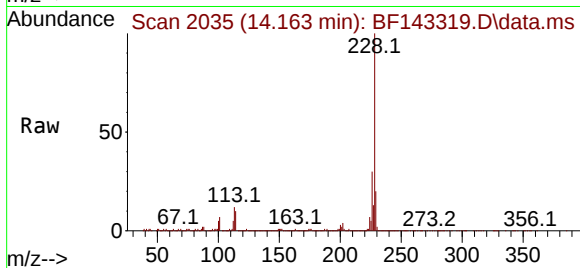
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.851 ng

RT: 14.104 min Scan# 2025

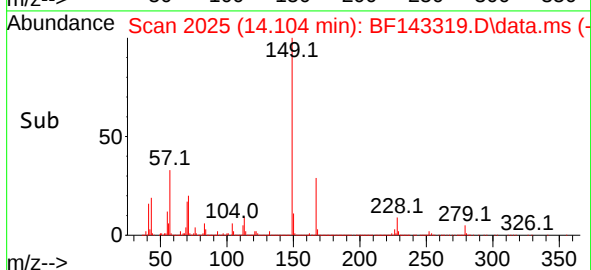
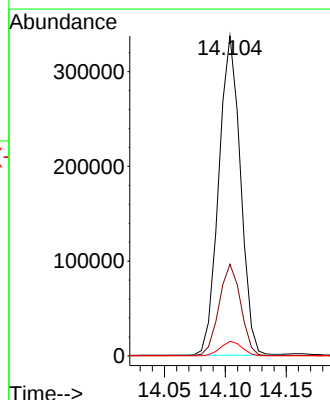
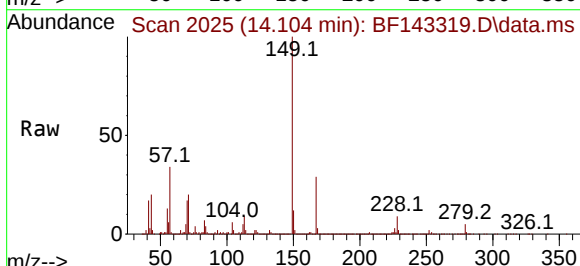
Delta R.T. 0.006 min

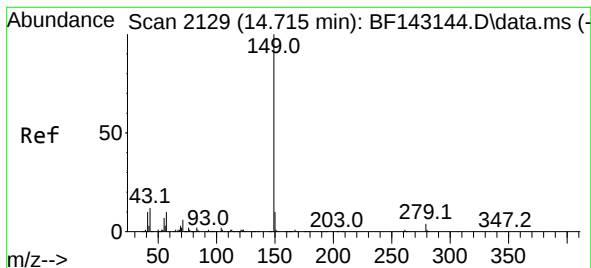
Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:149 Resp: 418675

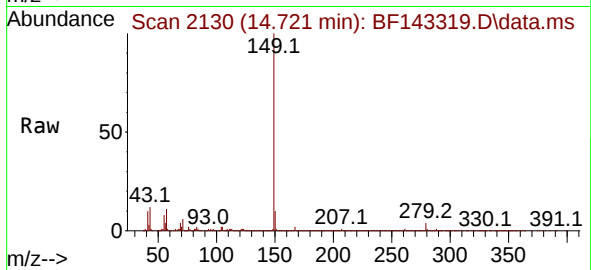
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 41.890 ng
RT: 14.721 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

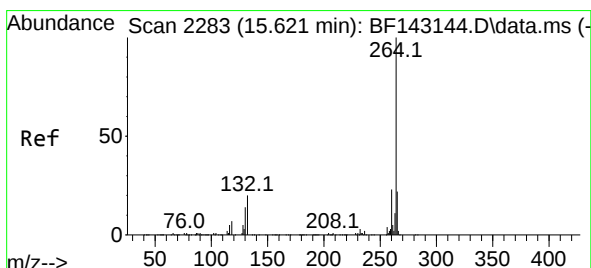
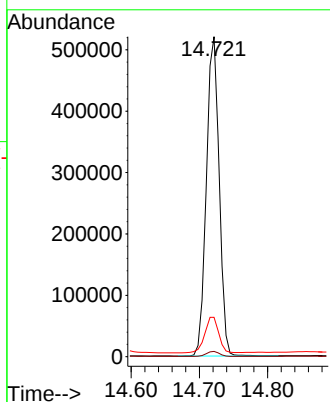
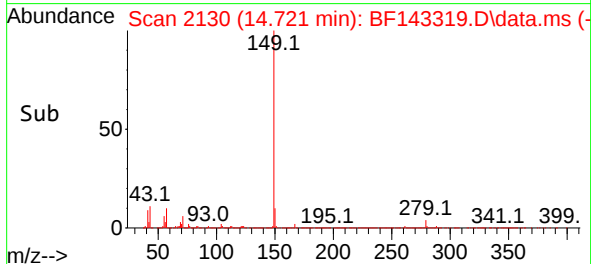
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 678530
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.2 9.7 14.5

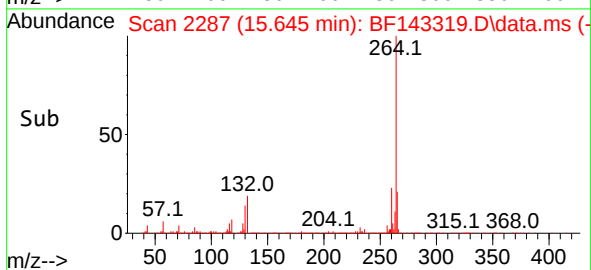
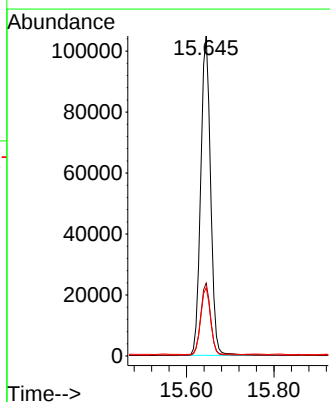
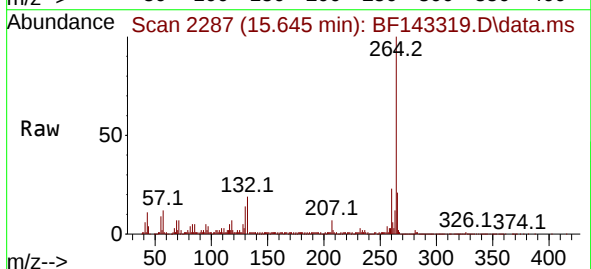
Manual Integrations
APPROVED

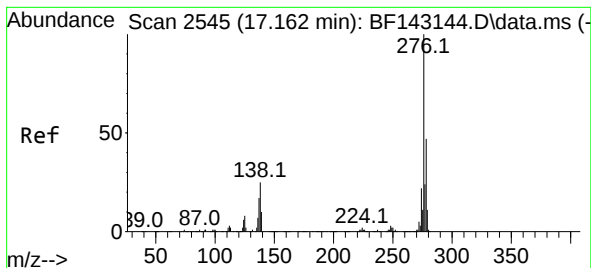
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2287
Delta R.T. 0.024 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

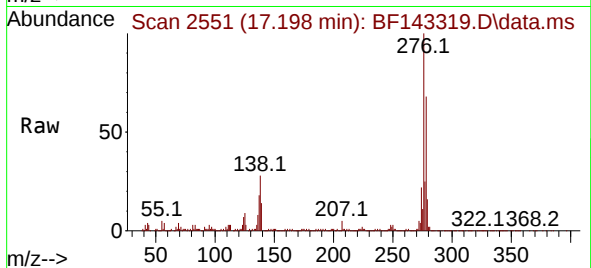
Tgt Ion:264 Resp: 164343
Ion Ratio Lower Upper
264 100
260 22.8 18.5 27.7
265 21.4 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.390 ng
 RT: 17.198 min Scan# 2111
 Delta R.T. 0.035 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54

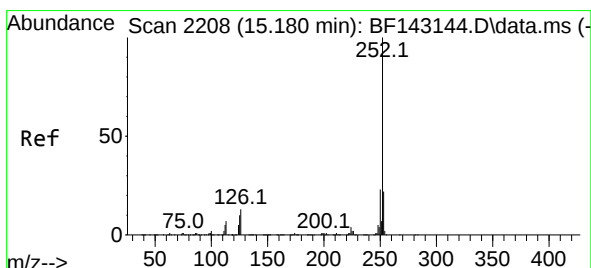
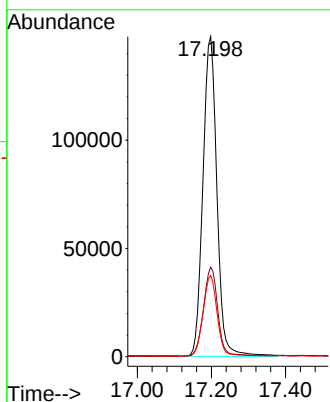
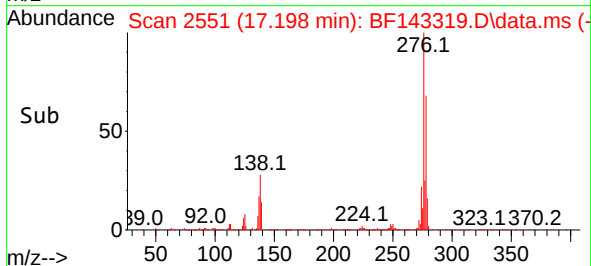
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



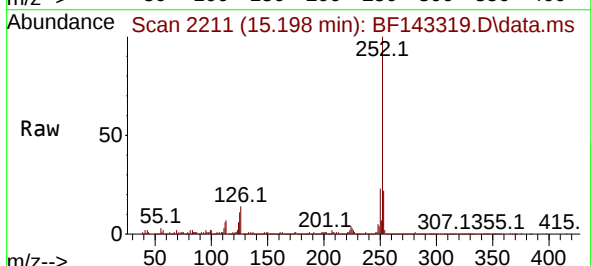
Tgt Ion:276 Resp: 38694
 Ion Ratio Lower Upper
 276 100
 138 28.1 21.8 32.6
 277 25.5 20.0 30.0

Manual Integrations
 APPROVED

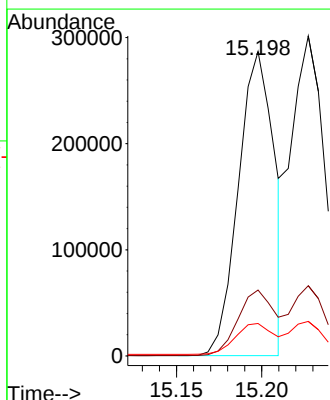
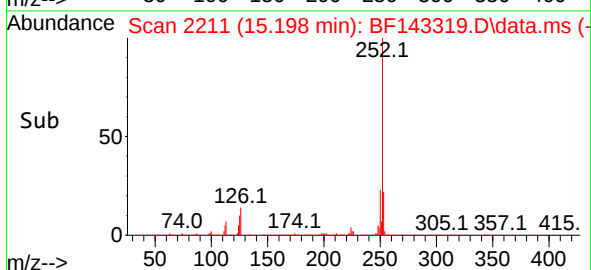
Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

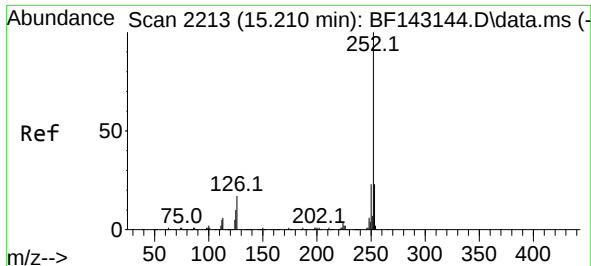


#88
 Benzo(b)fluoranthene
 Concen: 41.759 ng
 RT: 15.198 min Scan# 2211
 Delta R.T. 0.018 min
 Lab File: BF143319.D
 Acq: 05 Aug 2025 16:54



Tgt Ion:252 Resp: 419253
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 10.7 8.0 12.0





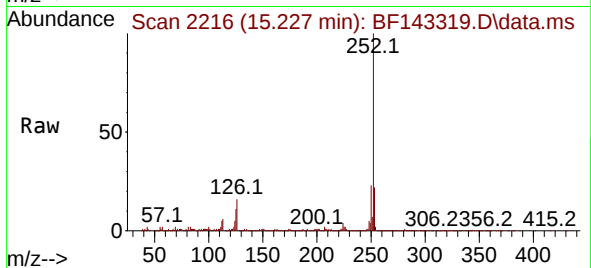
#89
Benzo(k)fluoranthene
Concen: 46.960 ng
RT: 15.227 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Instrument :

BNF

ClientSampleId :

SSTDCCC040EC

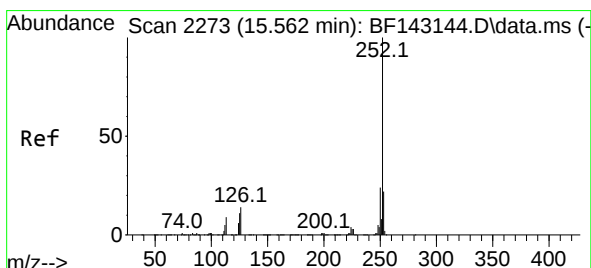
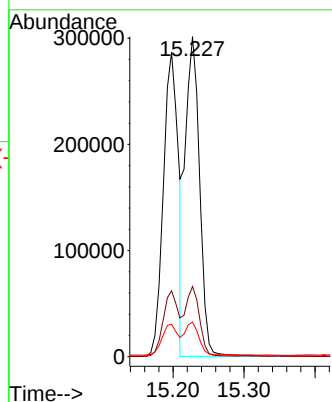
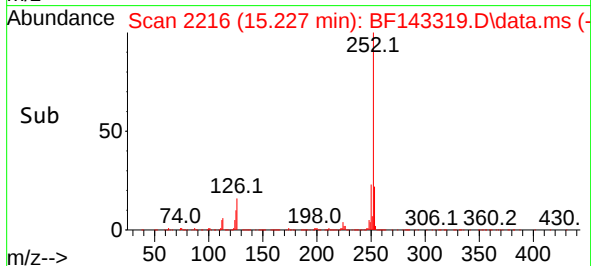


Tgt Ion:252 Resp: 420715
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.8 8.1 12.1

Manual Integrations

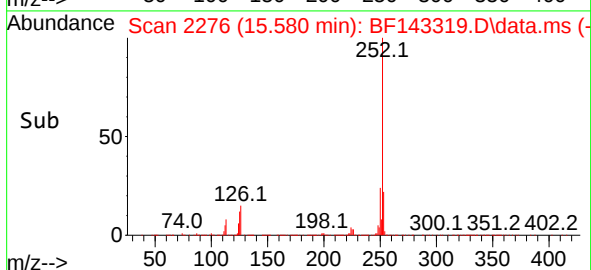
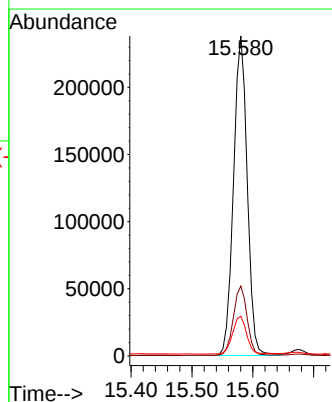
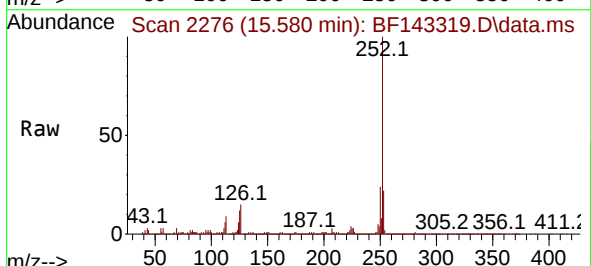
APPROVED

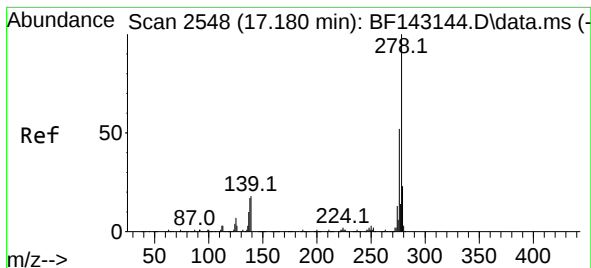
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#90
Benzo(a)pyrene
Concen: 40.340 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.018 min
Lab File: BF143319.D
Acq: 05 Aug 2025 16:54

Tgt Ion:252 Resp: 373155
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 33.399 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 31502

Ion Ratio Lower Upper

278 100

139 18.4 14.1 21.1

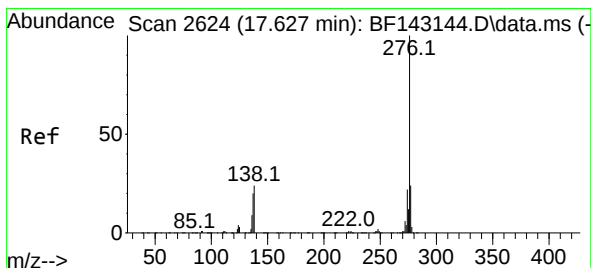
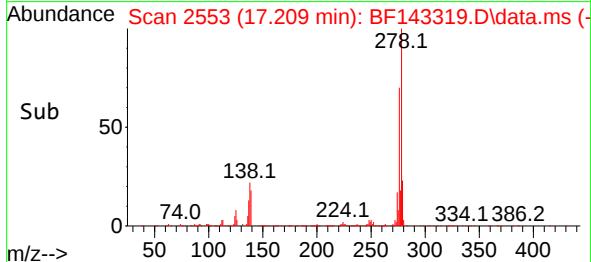
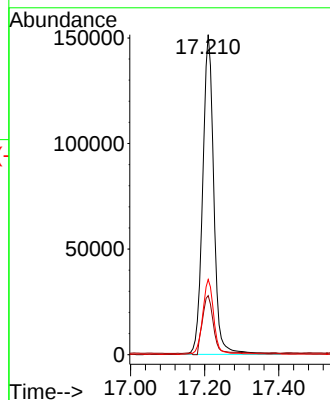
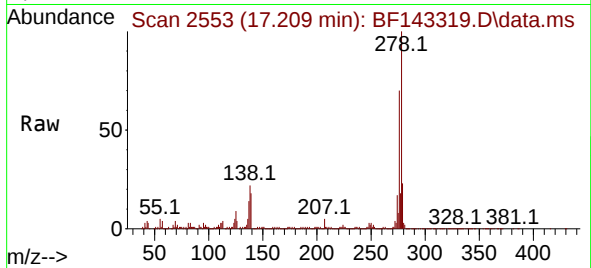
279 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#92

Benzo(g,h,i)perylene

Concen: 33.545 ng

RT: 17.662 min Scan# 2630

Delta R.T. 0.035 min

Lab File: BF143319.D

Acq: 05 Aug 2025 16:54

Tgt Ion:276 Resp: 306065

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 24.2 18.9 28.3

