

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139355.D
 Acq On : 13 Sep 2024 21:38
 Operator : RC/JU
 Sample : SP6630
 Misc : 8270 SPIKE
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6630

Quant Time: Sep 14 03:35:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53412	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	199869	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	111973	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	218041	20.000	ng	0.00
76) Chrysene-d12	14.033	240	128554	20.000	ng	0.00
86) Perylene-d12	15.498	264	117068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.663	99	11967	2.785	ng	0.16
23) Nitrobenzene-d5	7.387	82	18949	4.457	ng	-0.06
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.186	172	385	0.048	ng	-0.05
79) Terphenyl-d14	12.974	244	260	0.033	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	70755	53.864	ng	98
3) Pyridine	3.510	79	165392	57.108	ng	98
4) n-Nitrosodimethylamine	3.481	42	135435	53.953	ng	98
6) Aniline	6.540	93	200982	61.971	ng	99
8) 2-Chlorophenol	6.663	128	179580	53.283	ng	99
9) Benzaldehyde	6.428	77	146705	59.086	ng	98
10) Phenol	6.516	94	237871	54.347	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	169825	51.049	ng	100
12) 1,3-Dichlorobenzene	6.816	146	200248	52.244	ng	99
13) 1,4-Dichlorobenzene	6.892	146	205862	53.149	ng	99
14) 1,2-Dichlorobenzene	7.045	146	194009	53.008	ng	97
15) Benzyl Alcohol	7.016	79	186105	54.280	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	293805	57.307	ng	100
17) 2-Methylphenol	7.128	107	145040	54.165	ng	99
18) Hexachloroethane	7.387	117	76612	51.930	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	144259	56.647	ng	99
20) 3+4-Methylphenols	7.281	107	198727	54.397	ng	95
22) Acetophenone	7.287	105	272255	52.105	ng	99
24) Nitrobenzene	7.457	77	219088	50.069	ng	100
25) Isophorone	7.698	82	369964	55.023	ng	99
26) 2-Nitrophenol	7.775	139	93766	55.003	ng	98
27) 2,4-Dimethylphenol	7.810	122	144232	64.140	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	205054	53.510	ng	98
29) 2,4-Dichlorophenol	8.016	162	151099	52.892	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	165370	49.682	ng	99
31) Naphthalene	8.181	128	540945	51.843	ng	99
32) Benzoic acid	7.934	122	104870	49.833	ng	98
33) 4-Chloroaniline	8.228	127	125146	39.205	ng	99
34) Hexachlorobutadiene	8.298	225	115317	50.994	ng	99
35) Caprolactam	8.604	113	31005	35.282	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	172369	52.796	ng	99
37) 2-Methylnaphthalene	8.875	142	353795	53.419	ng	99
38) 1-Methylnaphthalene	8.975	142	328207	50.476	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	173533	52.292	ng	98
41) Hexachlorocyclopentadiene	9.028	237	236002	203.680	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	118589	54.927	ng	99

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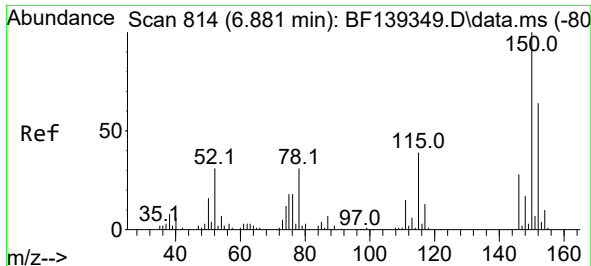
Quant Time: Sep 14 03:35:01 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	117254	51.486	ng	98
46) 1,1'-Biphenyl	9.334	154	444505	51.600	ng	99
47) 2-Chloronaphthalene	9.363	162	333970	51.851	ng	100
48) 2-Nitroaniline	9.457	65	125762	52.495	ng	99
49) Acenaphthylene	9.781	152	551370	56.868	ng	100
50) Dimethylphthalate	9.639	163	392656	53.428	ng	100
51) 2,6-Dinitrotoluene	9.698	165	83624	51.363	ng	97
52) Acenaphthene	9.951	154	409819	60.563	ng	98
53) 3-Nitroaniline	9.869	138	63621	39.101	ng	92
54) 2,4-Dinitrophenol	9.975	184	103094	113.639	ng	96
55) Dibenzofuran	10.122	168	505088	53.552	ng	98
56) 4-Nitrophenol	10.028	139	149724	111.208	ng	95
57) 2,4-Dinitrotoluene	10.104	165	118645	53.977	ng	97
58) Fluorene	10.463	166	408336	53.062	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106248	56.397	ng	98
60) Diethylphthalate	10.333	149	406706	53.626	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	198121	52.975	ng	96
62) 4-Nitroaniline	10.486	138	88358	49.757	ng	98
63) Azobenzene	10.616	77	408805	54.804	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	64349	55.917	ng	95
66) n-Nitrosodiphenylamine	10.575	169	338145	53.044	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	115457	53.434	ng	99
68) Hexachlorobenzene	11.010	284	133309	52.569	ng	98
69) Atrazine	11.098	200	115448	76.071	ng	98
70) Pentachlorophenol	11.204	266	163376	107.368	ng	98
71) Phenanthrene	11.427	178	569863	54.172	ng	100
72) Anthracene	11.475	178	581555	56.543	ng	99
73) Carbazole	11.627	167	522799	53.109	ng	100
74) Di-n-butylphthalate	11.957	149	626861	57.165	ng	100
75) Fluoranthene	12.610	202	610424	54.337	ng	99
77) Benzidine	12.733	184	318389	172.868	ng	100
78) Pyrene	12.839	202	619790	56.150	ng	100
80) Butylbenzylphthalate	13.457	149	224821	59.838	ng	98
81) Benzo(a)anthracene	14.021	228	474506	55.723	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	92112	36.937	ng	98
83) Chrysene	14.063	228	402513	51.379	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	291454	60.979	ng	98
85) Di-n-octyl phthalate	14.627	149	406591	57.763	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	378238	54.335	ng	99
88) Benzo(b)fluoranthene	15.074	252	382439	52.969	ng	99
89) Benzo(k)fluoranthene	15.104	252	358926	53.917	ng	99
90) Benzo(a)pyrene	15.439	252	348251	58.159	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	313057	54.424	ng	99
92) Benzo(g,h,i)perylene	17.421	276	269420	47.305	ng	99

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

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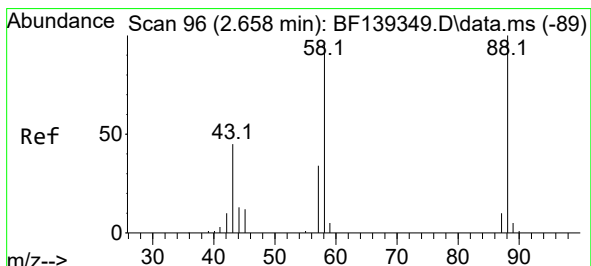
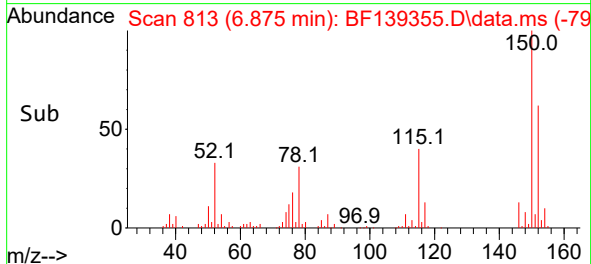
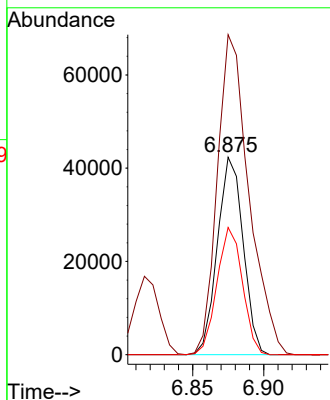
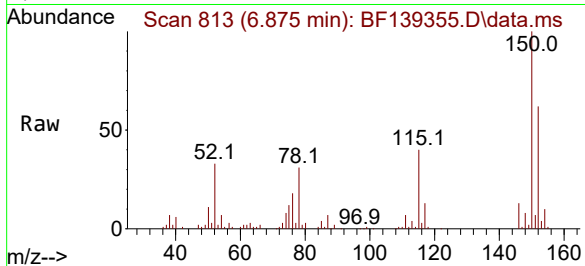




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

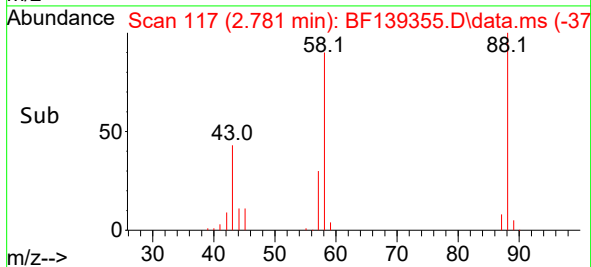
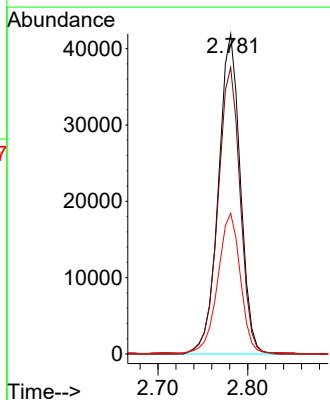
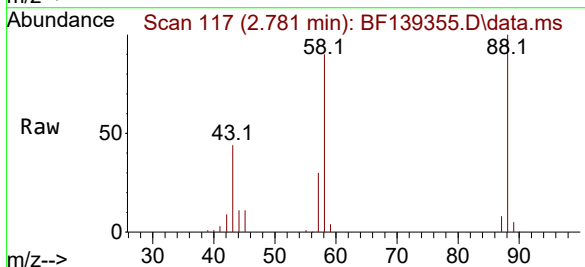
Instrument :
BNA_F
ClientSampleId :
SP6630

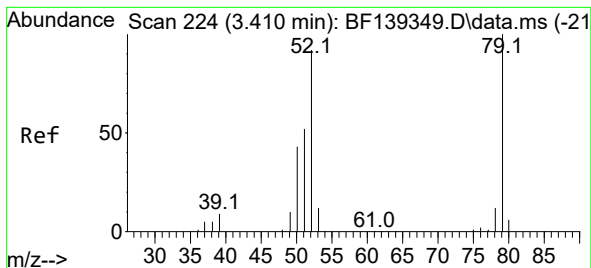
Tgt Ion:152 Resp: 53412
Ion Ratio Lower Upper
152 100
150 162.1 124.1 186.1
115 64.4 48.1 72.1



#2
1,4-Dioxane
Concen: 53.864 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.123 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 88 Resp: 70755
Ion Ratio Lower Upper
88 100
58 91.3 74.8 112.2
43 46.3 36.4 54.6





#3

Pyridine

Concen: 57.108 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

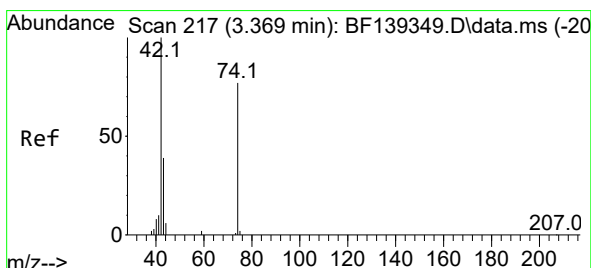
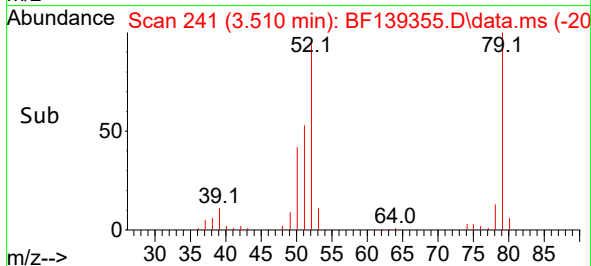
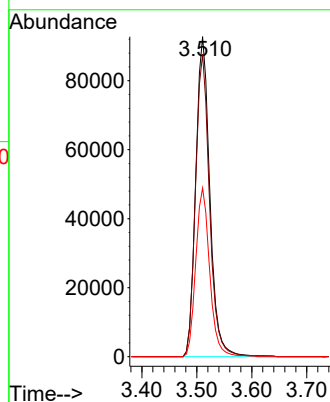
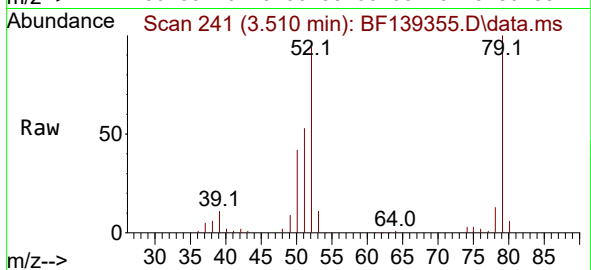
Tgt Ion: 79 Resp: 165392

Ion Ratio Lower Upper

79 100

52 94.5 73.8 110.8

51 52.7 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 53.953 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

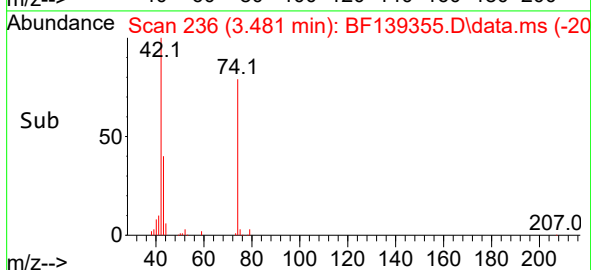
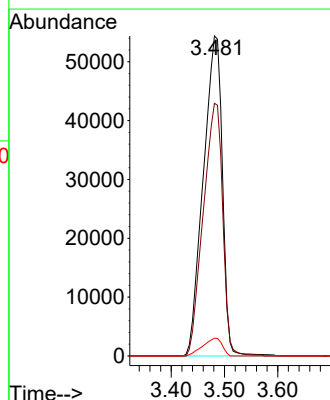
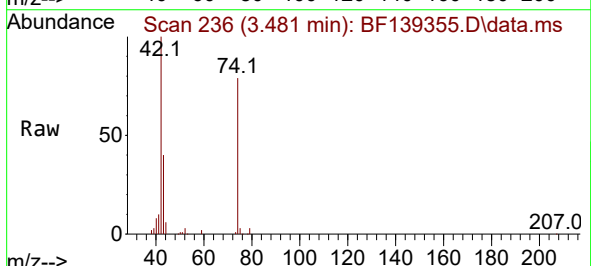
Tgt Ion: 42 Resp: 135435

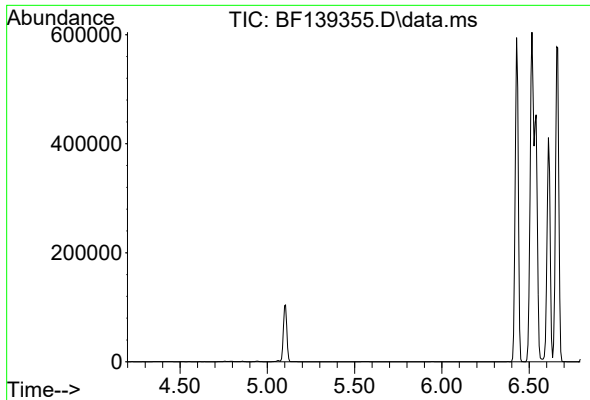
Ion Ratio Lower Upper

42 100

74 79.0 61.8 92.8

44 5.5 4.8 7.2



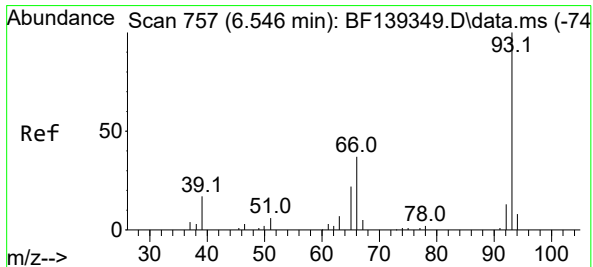
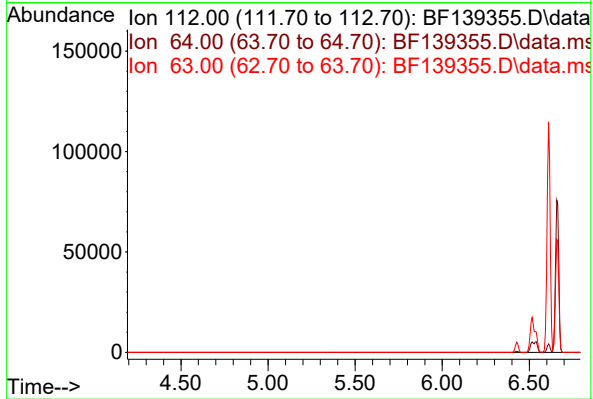


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Instrument :
BNA_F
ClientSampleId :
SP6630

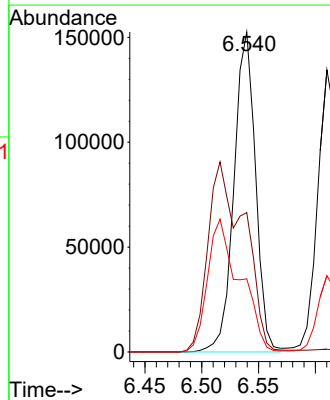
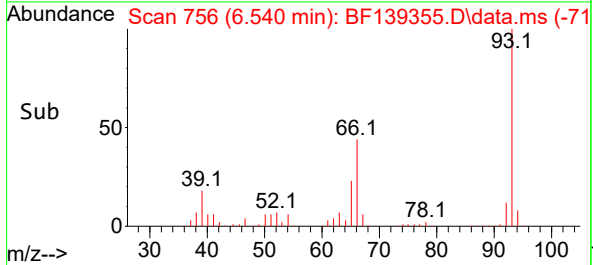
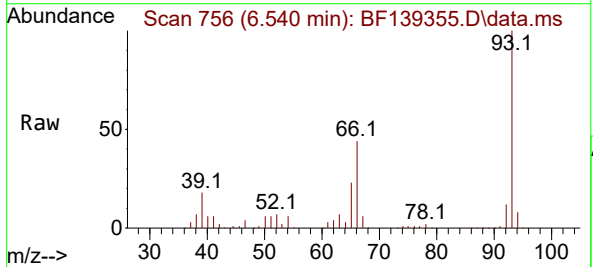
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

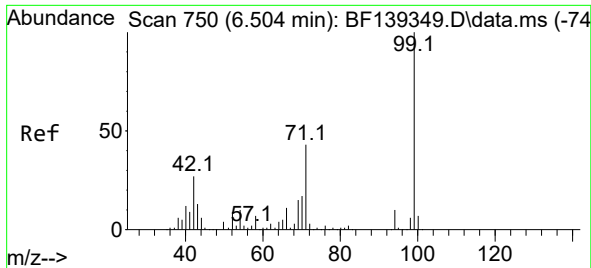
Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.5
63 41.2



#6
Aniline
Concen: 61.971 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 93 Resp: 200982
Ion Ratio Lower Upper
93 100
66 43.5 35.4 53.0
65 22.8 18.2 27.4

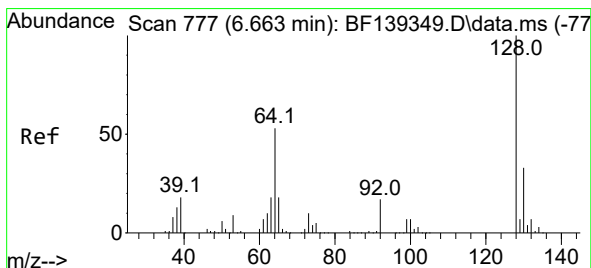
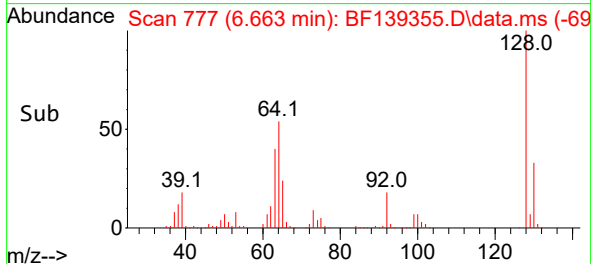
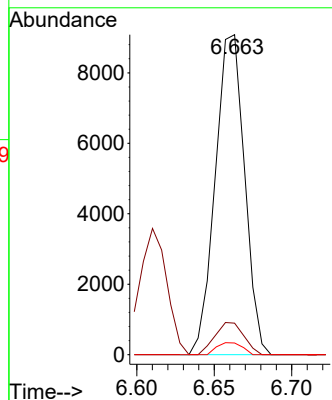
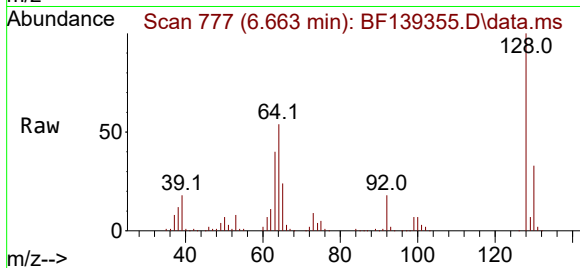




#7
Phenol-d6
Concen: 2.785 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.159 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

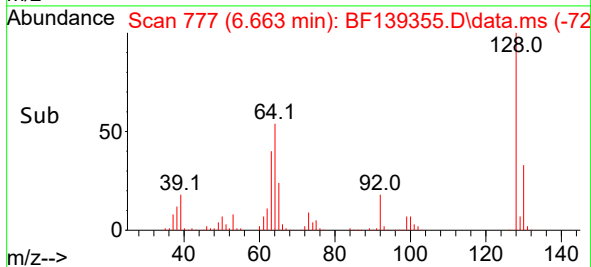
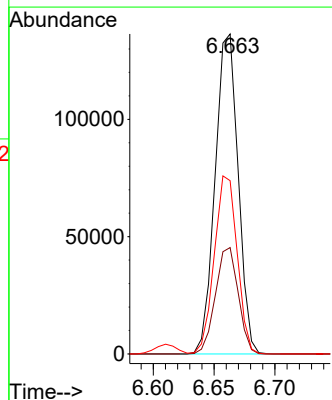
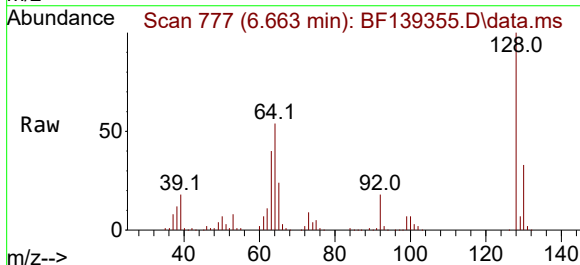
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ClientSampleId :
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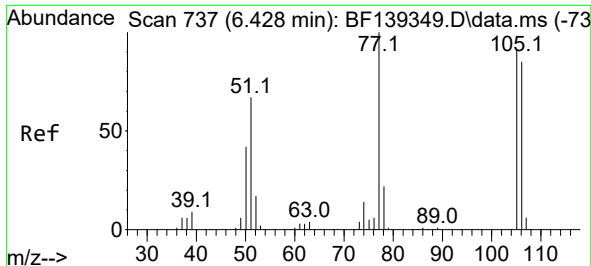
Tgt Ion: 99 Resp: 11967
Ion Ratio Lower Upper
99 100
42 9.8 21.9 32.9#
71 3.6 34.6 52.0#



#8
2-Chlorophenol
Concen: 53.283 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:128 Resp: 179580
Ion Ratio Lower Upper
128 100
130 33.2 12.8 52.8
64 54.2 35.1 75.1

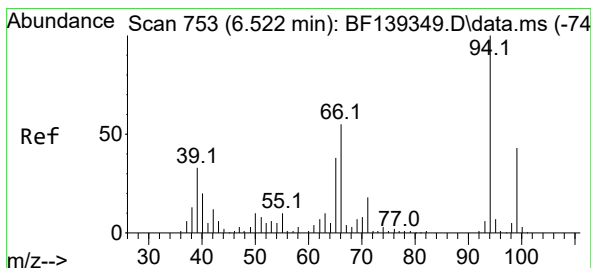
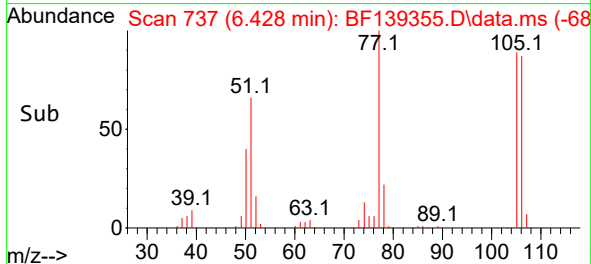
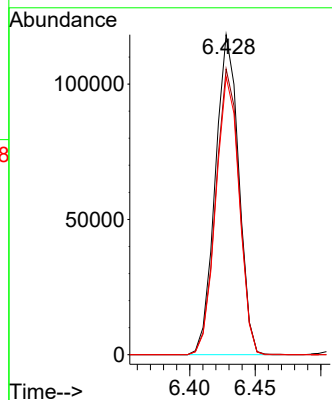
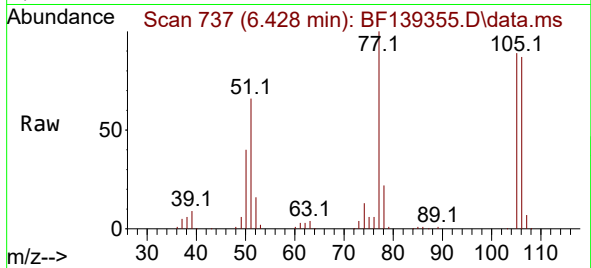




#9
Benzaldehyde
Concen: 59.086 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

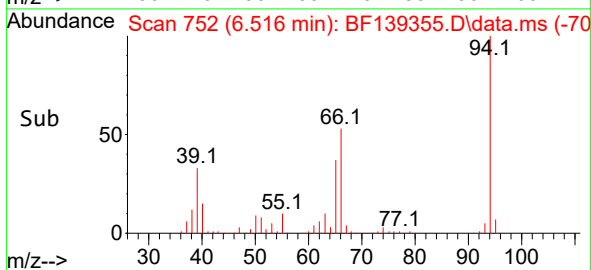
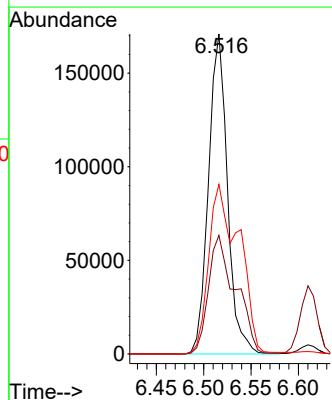
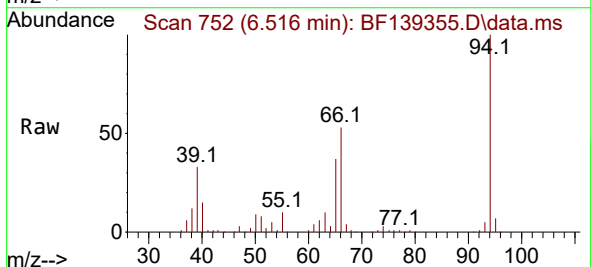
Instrument :
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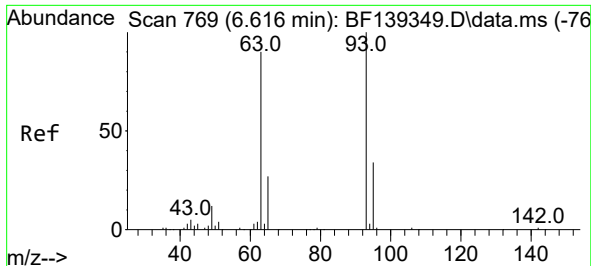
Tgt Ion: 77 Resp: 146705
Ion Ratio Lower Upper
77 100
105 89.3 71.0 111.0
106 86.8 64.9 104.9



#10
Phenol
Concen: 54.347 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 94 Resp: 237871
Ion Ratio Lower Upper
94 100
65 37.1 17.6 57.6
66 53.0 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 51.049 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

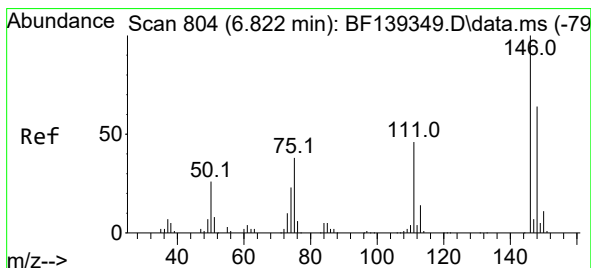
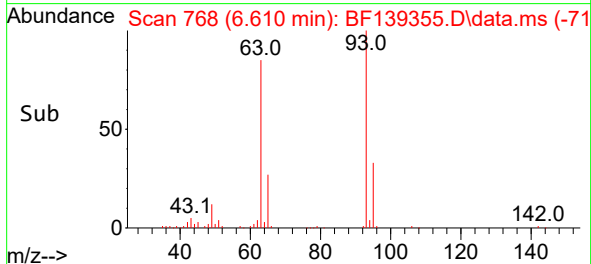
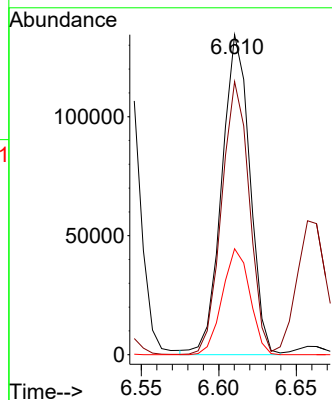
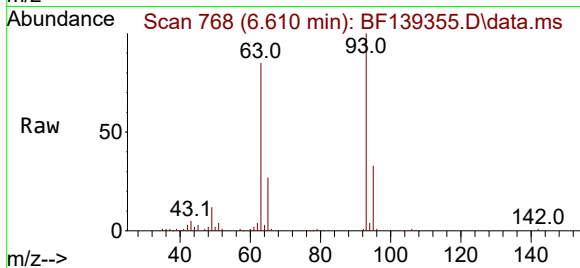
Tgt Ion: 93 Resp: 169825

Ion Ratio Lower Upper

93 100

63 85.4 65.3 105.3

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 52.244 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

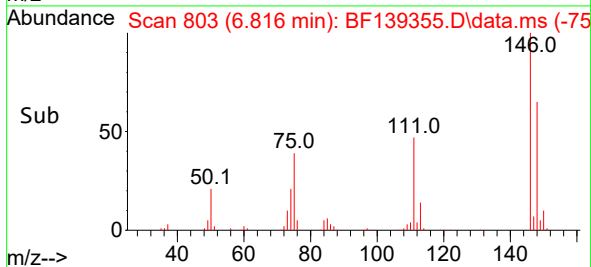
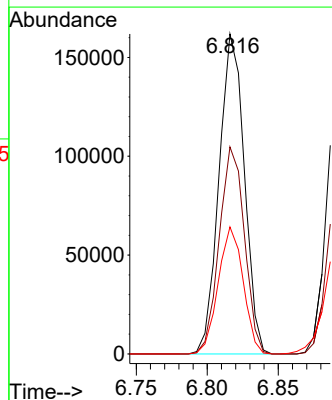
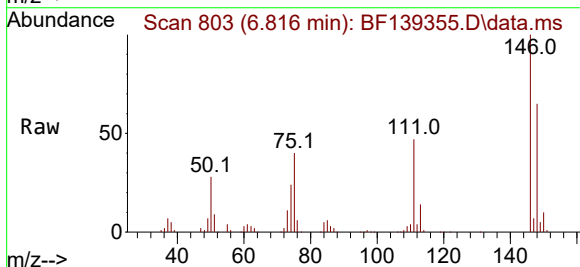
Tgt Ion:146 Resp: 200248

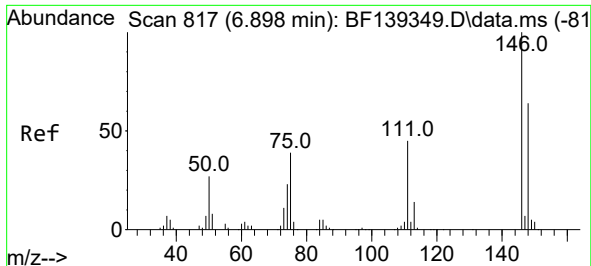
Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

75 39.7 30.6 46.0

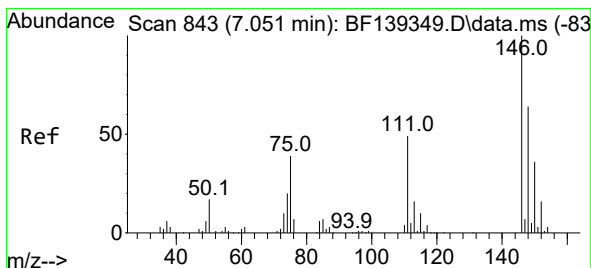
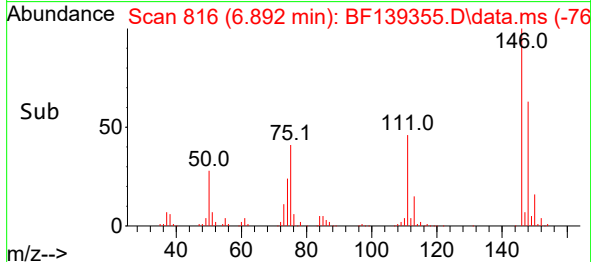
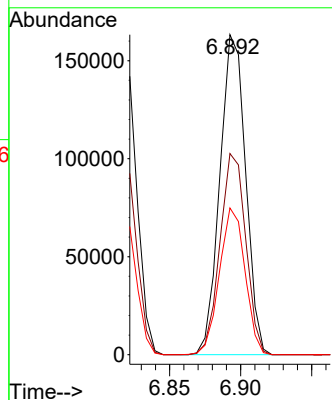
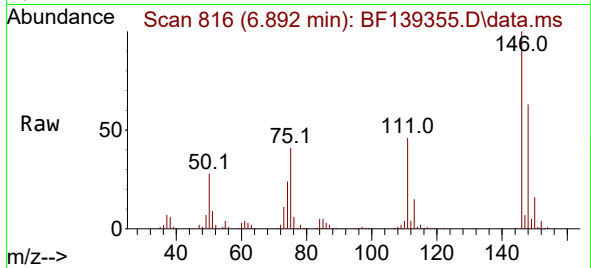




#13
1,4-Dichlorobenzene
Concen: 53.149 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

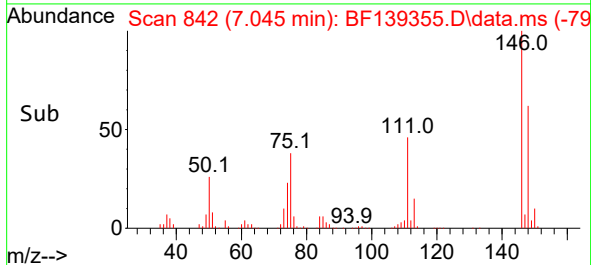
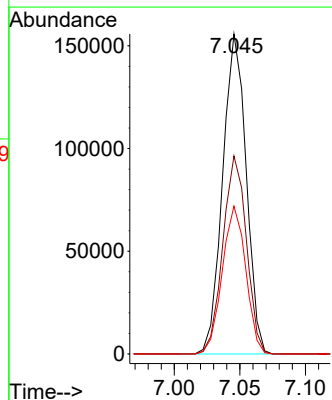
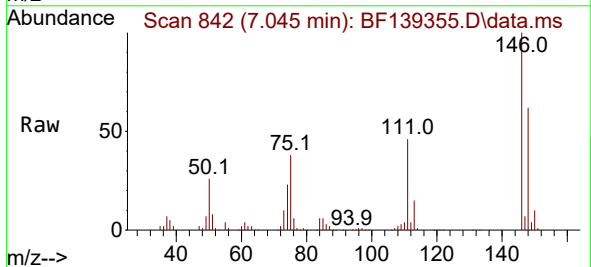
Instrument :
BNA_F
ClientSampleId :
SP6630

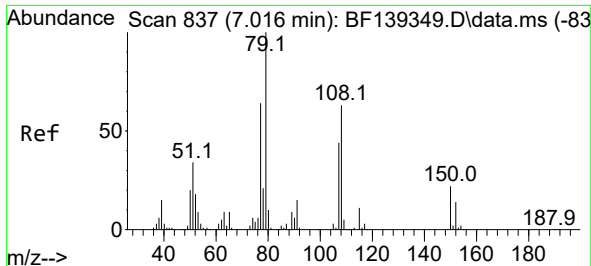
Tgt Ion:146 Resp: 205862
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 45.8 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 53.008 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:146 Resp: 194009
Ion Ratio Lower Upper
146 100
148 61.9 50.9 76.3
111 46.2 38.9 58.3

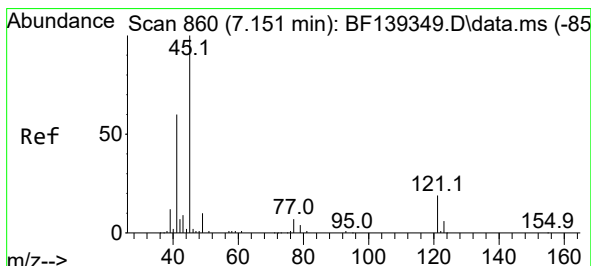
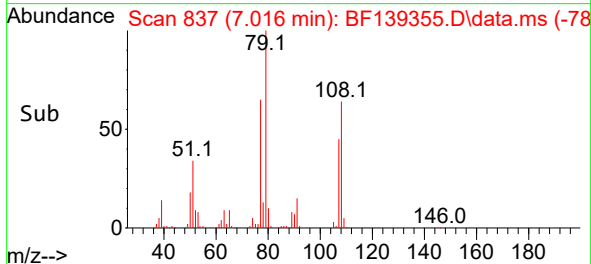
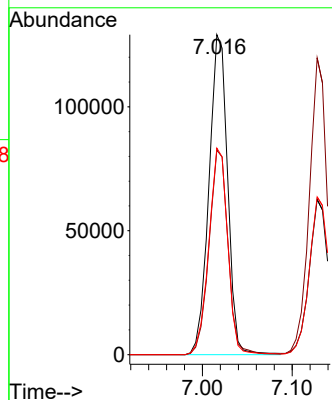
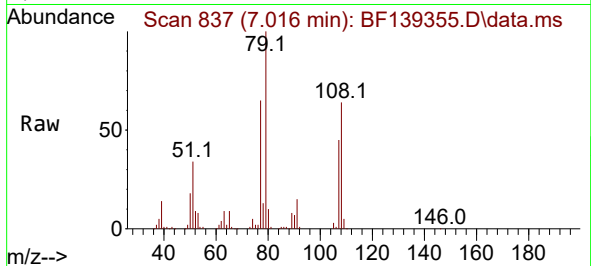




#15
Benzyl Alcohol
Concen: 54.280 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

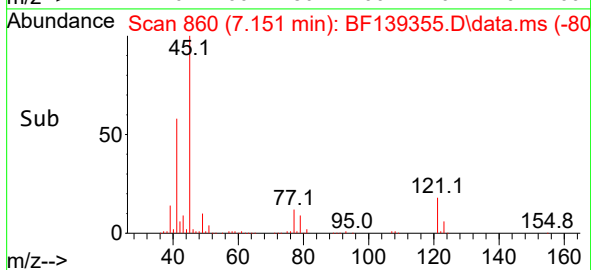
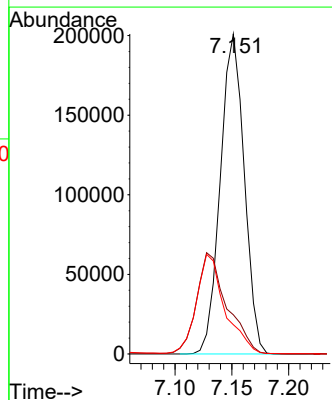
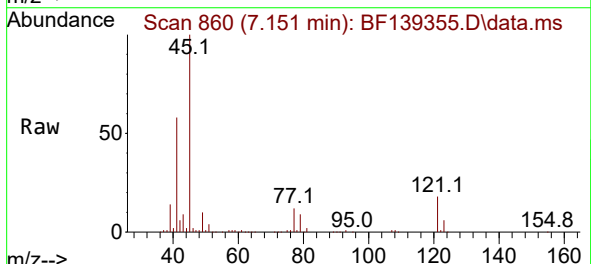
Instrument :
BNA_F
ClientSampleId :
SP6630

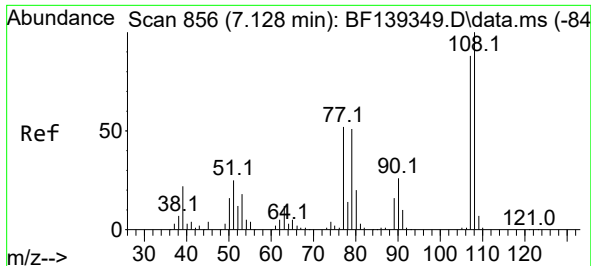
Tgt Ion: 79 Resp: 186105
Ion Ratio Lower Upper
79 100
108 64.0 50.4 75.6
77 64.6 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.307 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 45 Resp: 293805
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.1 0.0 29.1

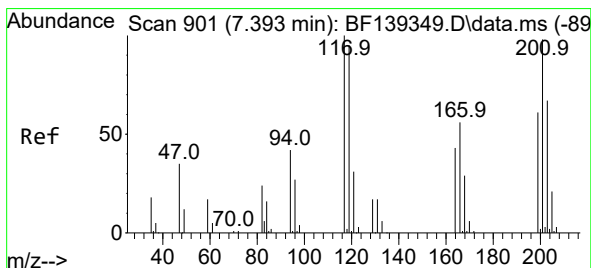
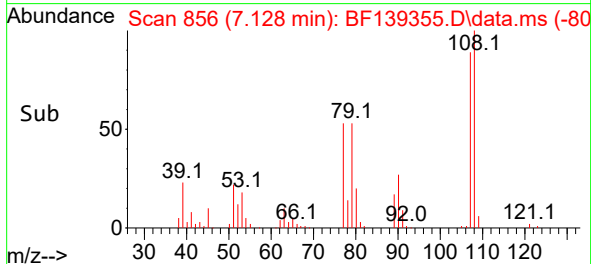
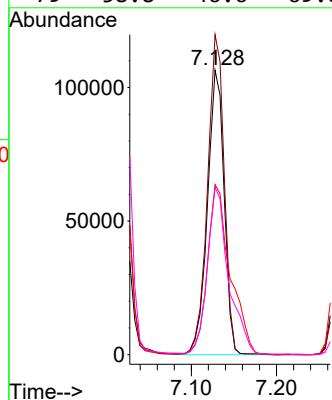
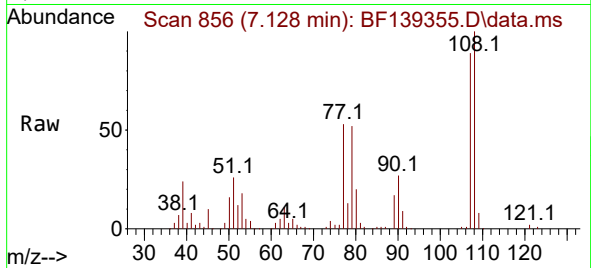




#17
2-Methylphenol
Concen: 54.165 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

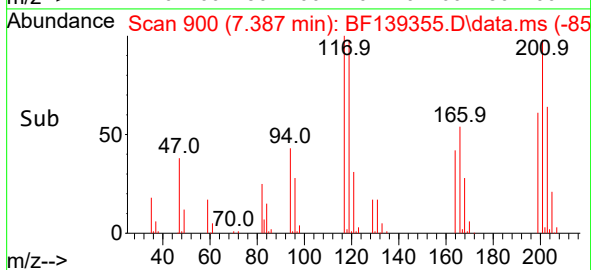
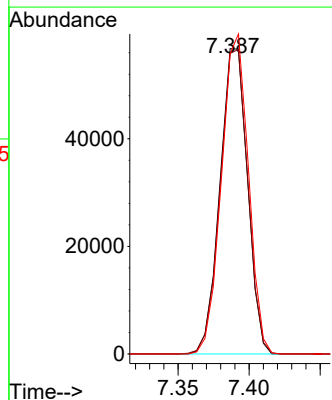
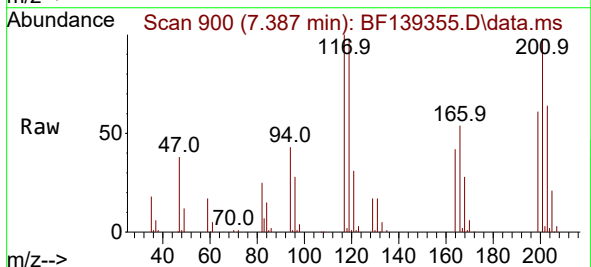
Instrument :
BNA_F
ClientSampleId :
SP6630

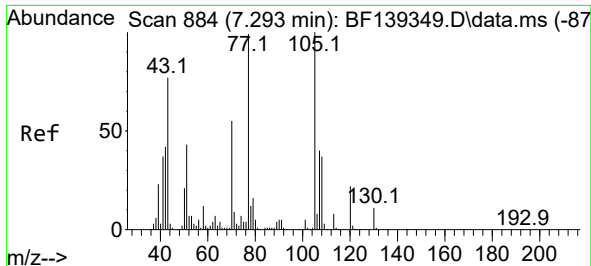
Tgt Ion:107 Resp: 145040
Ion Ratio Lower Upper
107 100
108 112.5 90.5 135.7
77 59.8 47.1 70.7
79 58.8 46.6 69.8



#18
Hexachloroethane
Concen: 51.930 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:117 Resp: 76612
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
201 98.3 78.6 118.0

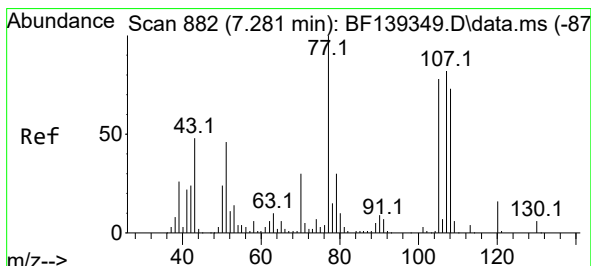
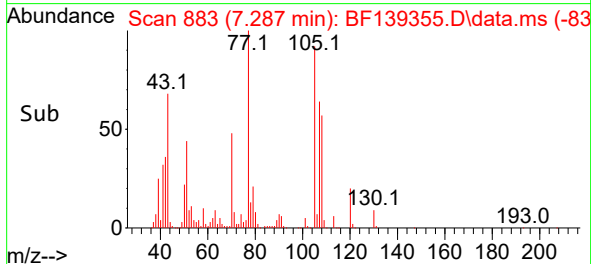
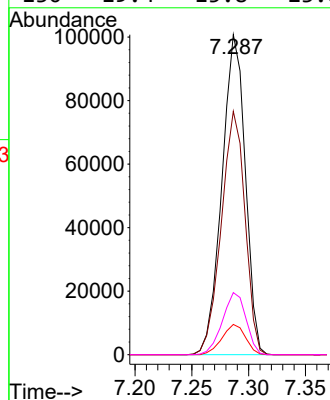
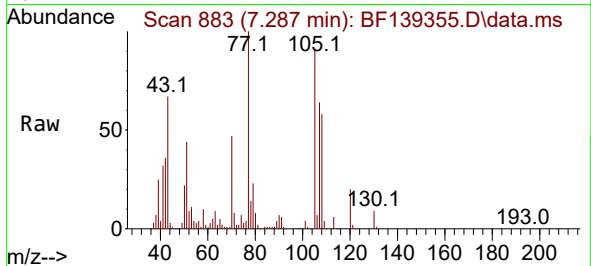




#19
n-Nitroso-di-n-propylamine
Concen: 56.647 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

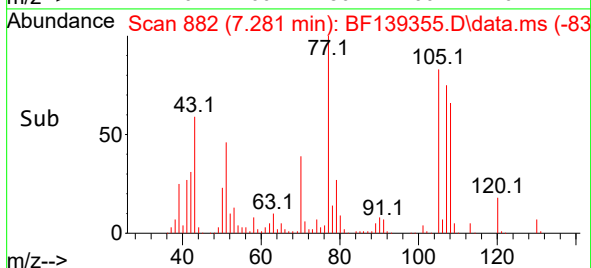
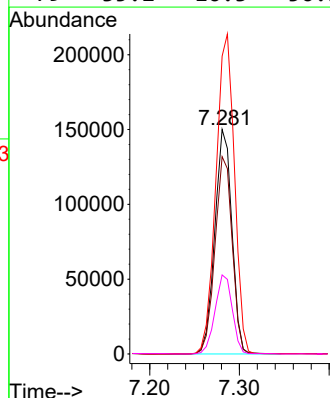
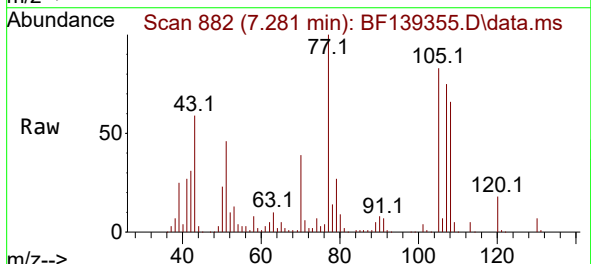
Instrument :
BNA_F
ClientSampleId :
SP6630

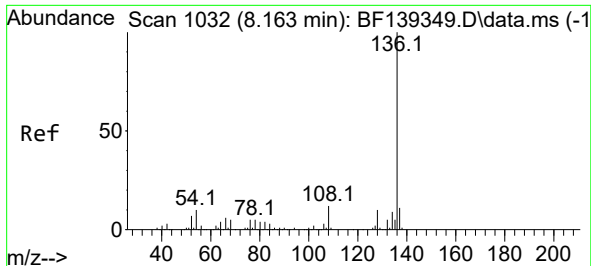
Tgt Ion: 70 Resp: 144259
Ion Ratio Lower Upper
70 100
42 76.0 61.2 91.8
101 9.5 7.5 11.3
130 19.4 15.8 23.8



#20
3+4-Methylphenols
Concen: 54.397 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 107 Resp: 198727
Ion Ratio Lower Upper
107 100
108 87.9 68.6 108.6
77 132.6 101.6 141.6
79 35.2 16.3 56.3

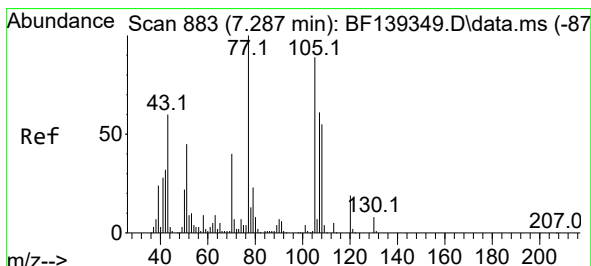
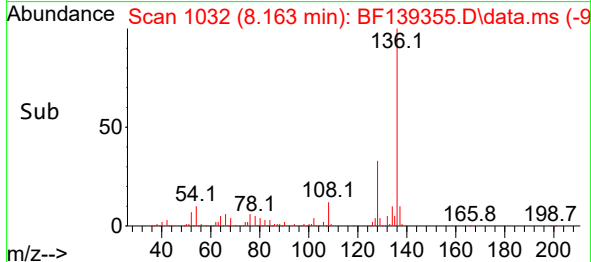
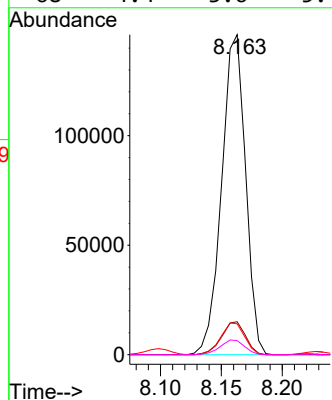
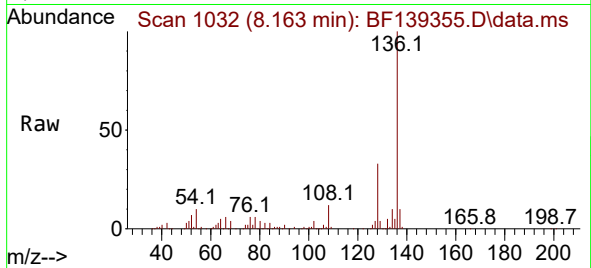




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

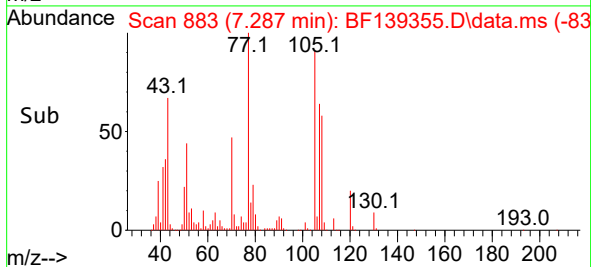
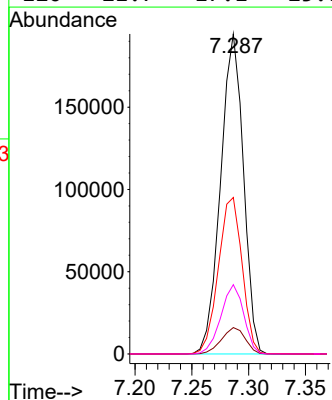
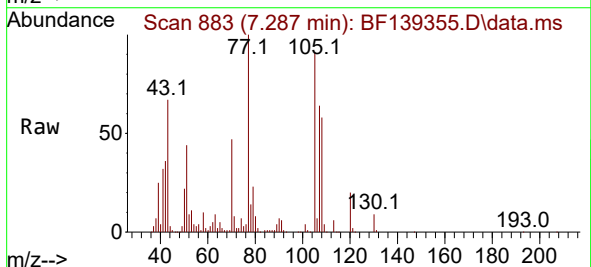
Instrument :
BNA_F
ClientSampleId :
SP6630

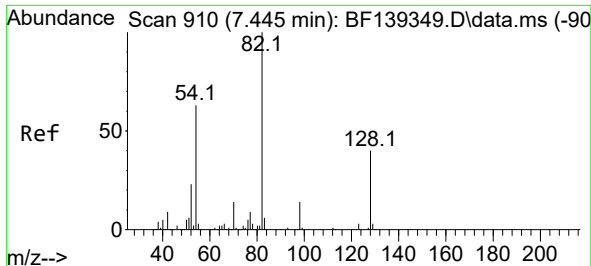
Tgt Ion:	136	Resp:	199869
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	12.8
54	9.7	7.8	11.8
68	4.4	3.6	5.4



#22
Acetophenone
Concen: 52.105 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:	105	Resp:	272255
Ion Ratio	Lower	Upper	
105	100		
71	8.3	5.9	8.9
51	48.9	40.0	60.0
120	21.7	17.1	25.7

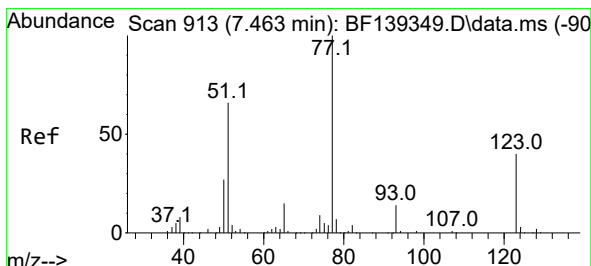
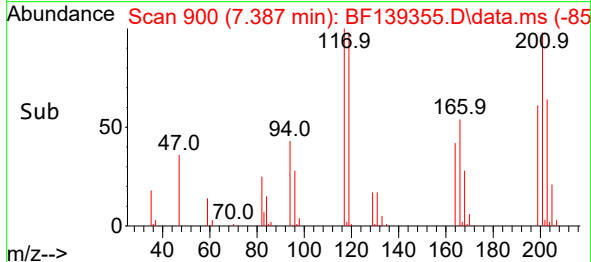
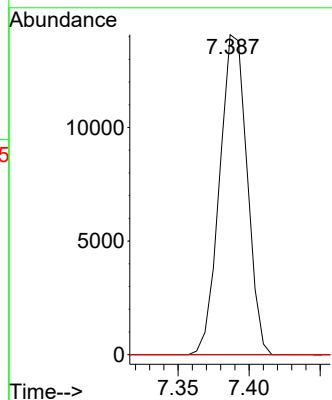
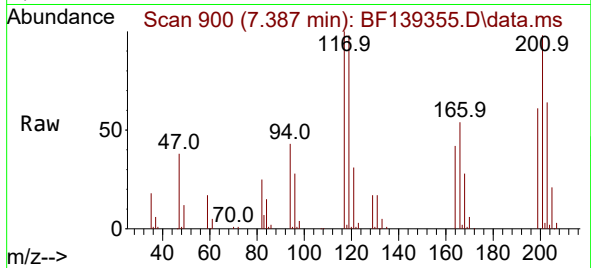




#23
Nitrobenzene-d5
Concen: 4.457 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.059 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

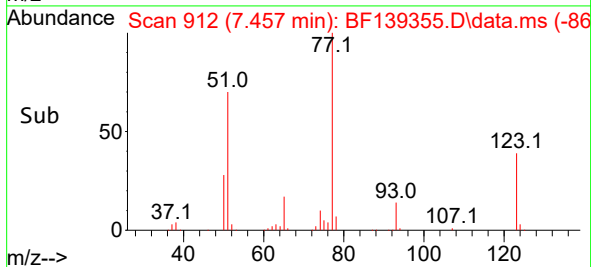
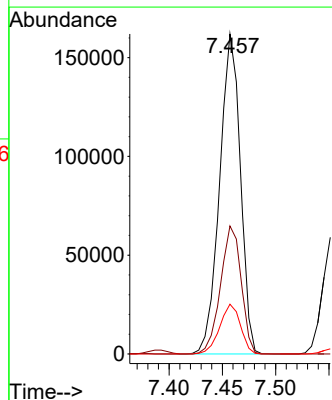
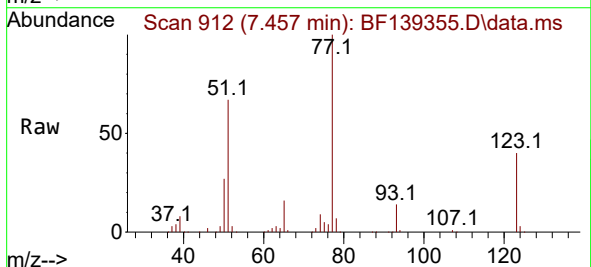
Instrument :
BNA_F
ClientSampleId :
SP6630

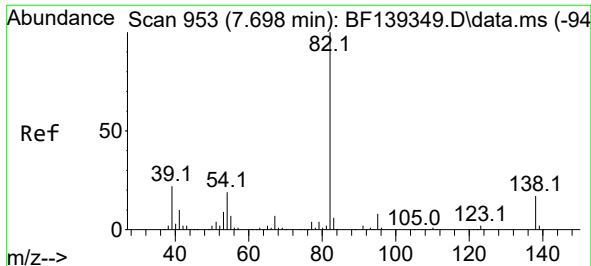
Tgt Ion: 82 Resp: 18949
Ion Ratio Lower Upper
82 100
128 0.0 31.8 47.6#
54 0.0 50.6 75.8#



#24
Nitrobenzene
Concen: 50.069 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 77 Resp: 219088
Ion Ratio Lower Upper
77 100
123 40.0 32.2 48.4
65 15.5 12.2 18.4

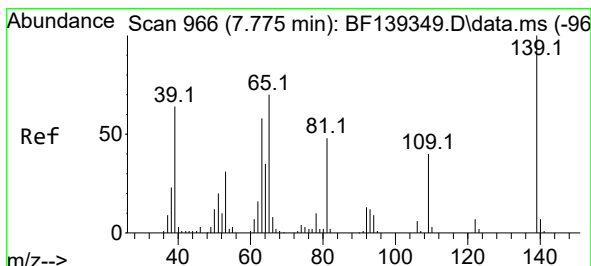
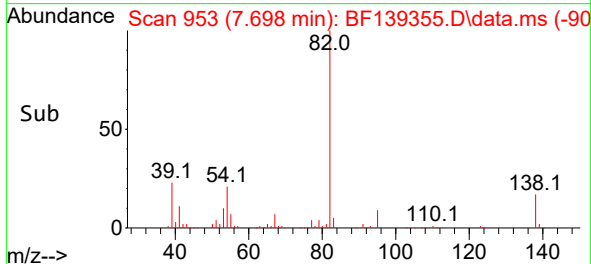
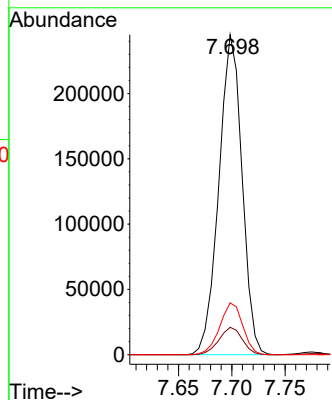
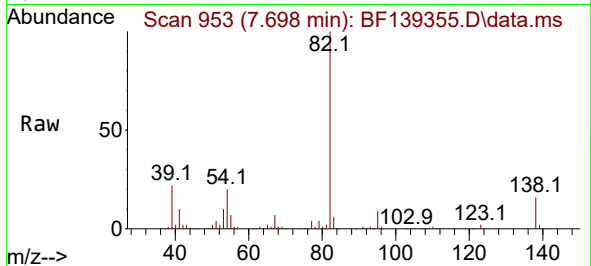




#25
Isophorone
Concen: 55.023 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

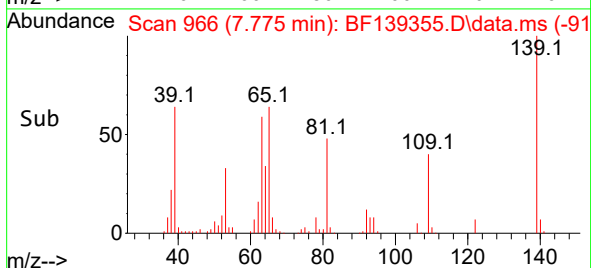
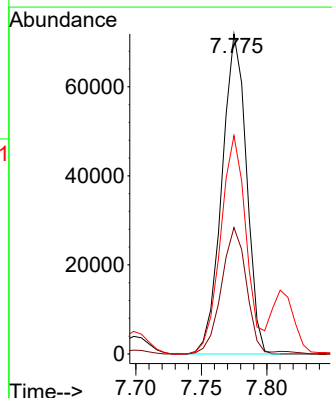
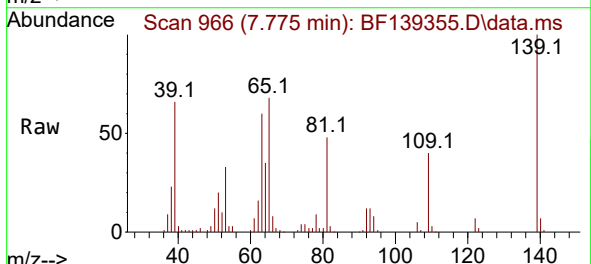
Instrument :
BNA_F
ClientSampleId :
SP6630

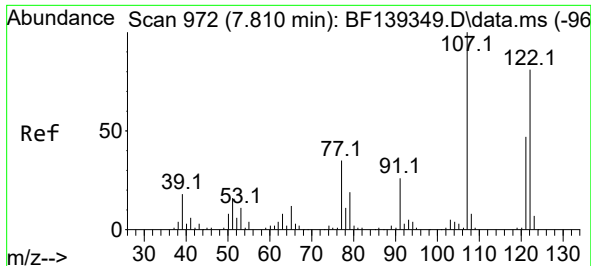
Tgt Ion: 82 Resp: 369964
Ion Ratio Lower Upper
82 100
95 8.5 6.7 10.1
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 55.003 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:139 Resp: 93766
Ion Ratio Lower Upper
139 100
109 39.5 32.2 48.2
65 68.2 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 64.140 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

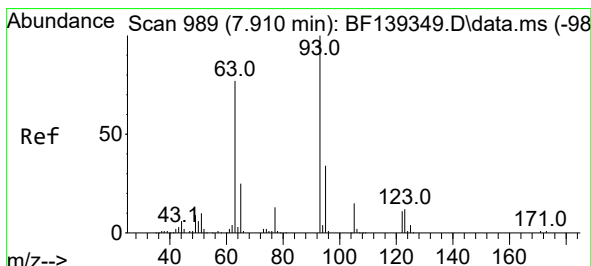
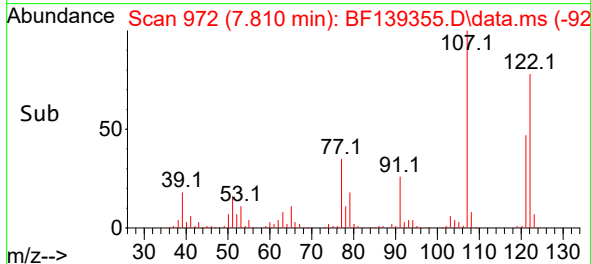
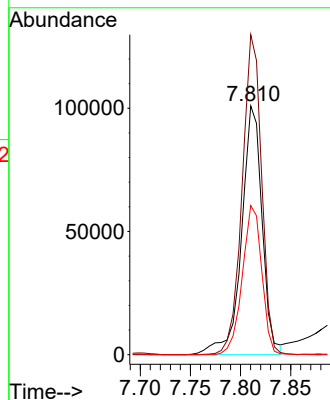
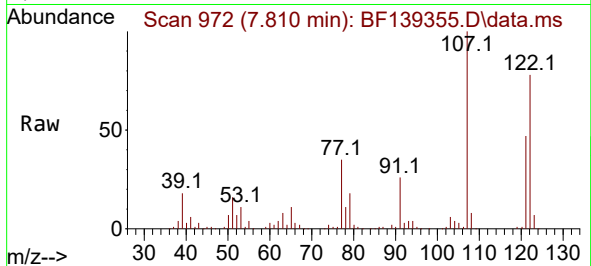
Tgt Ion:122 Resp: 144232

Ion Ratio Lower Upper

122 100

107 128.6 99.1 148.7

121 59.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 53.510 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

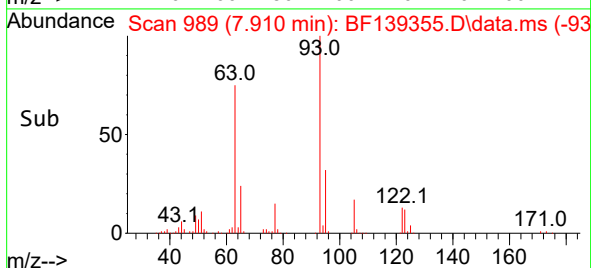
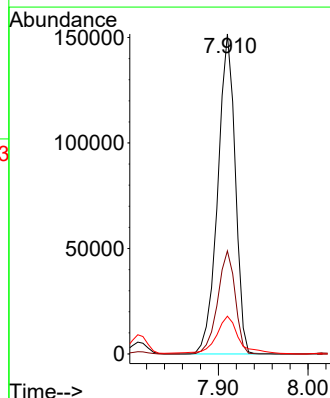
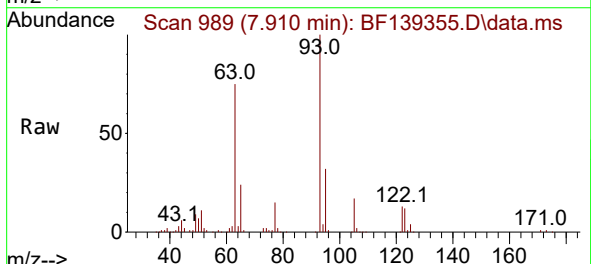
Tgt Ion: 93 Resp: 205054

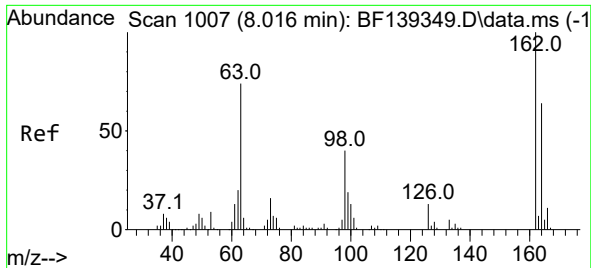
Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 52.892 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

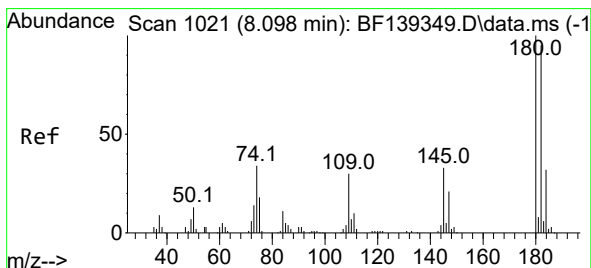
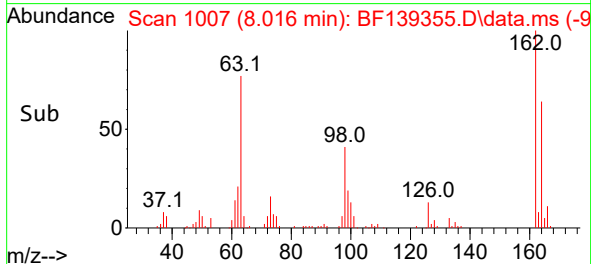
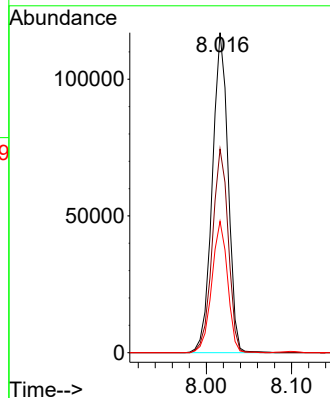
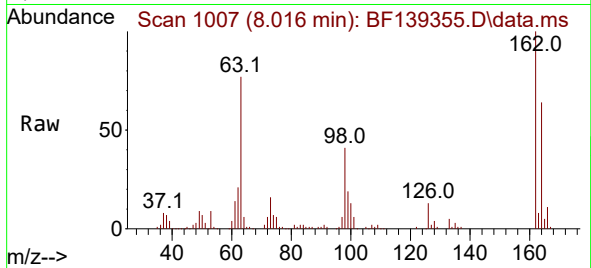
Tgt Ion:162 Resp: 151099

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 41.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 49.682 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

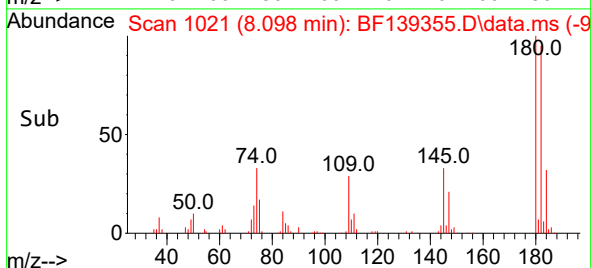
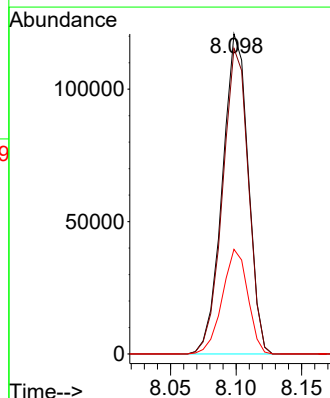
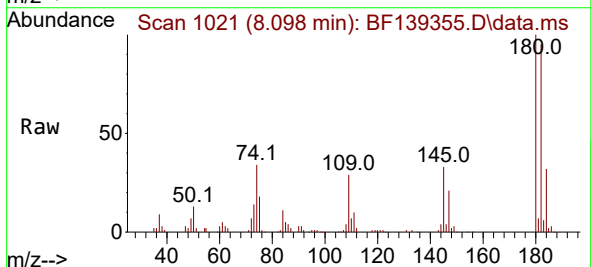
Tgt Ion:180 Resp: 165370

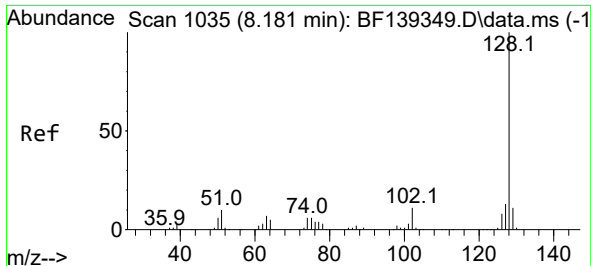
Ion Ratio Lower Upper

180 100

182 95.5 75.7 113.5

145 32.7 26.5 39.7

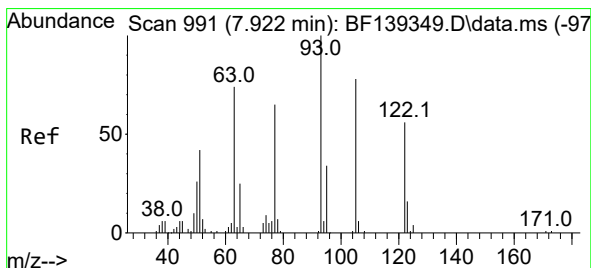
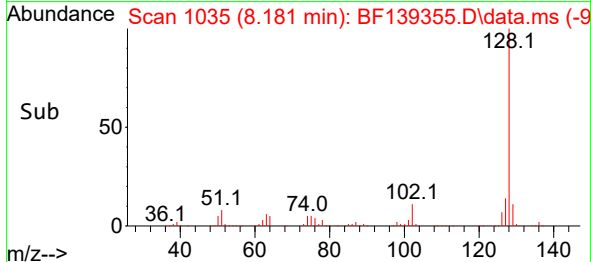
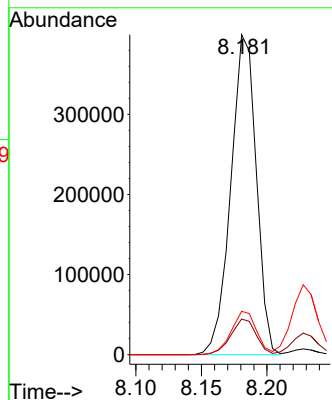
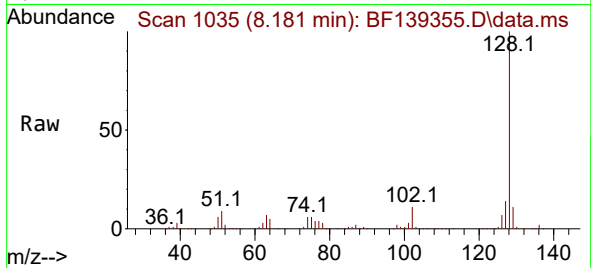




#31
Naphthalene
Concen: 51.843 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

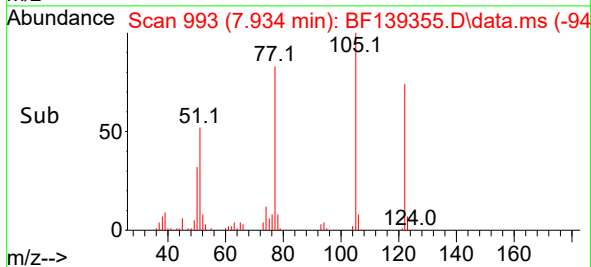
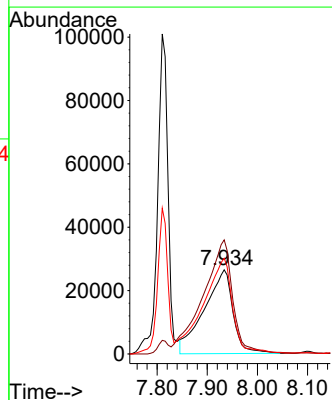
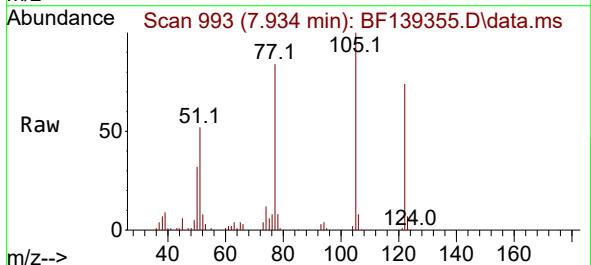
Instrument :
BNA_F
ClientSampleId :
SP6630

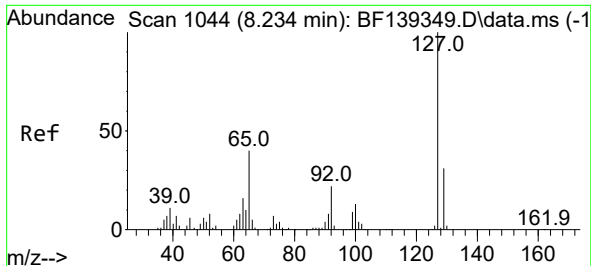
Tgt Ion:128 Resp: 540945
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 49.833 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:122 Resp: 104870
Ion Ratio Lower Upper
122 100
105 135.4 117.1 157.1
77 113.6 95.4 135.4

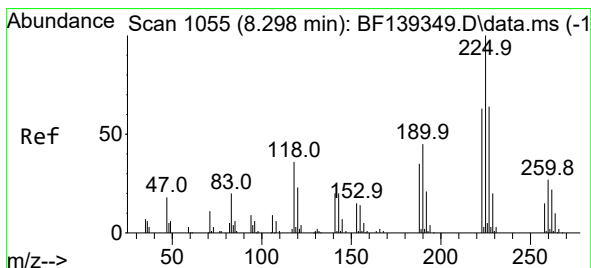
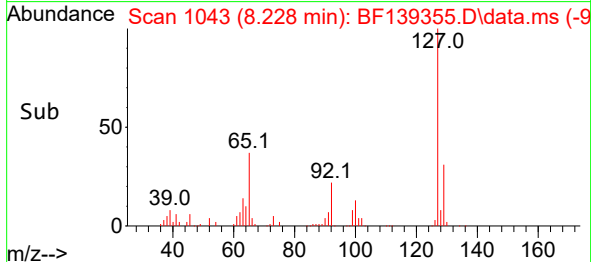
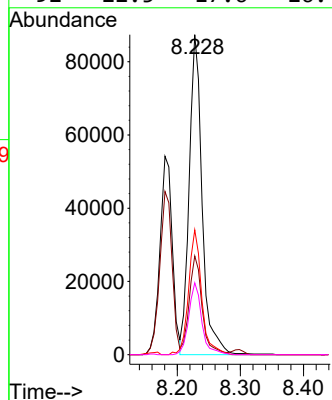
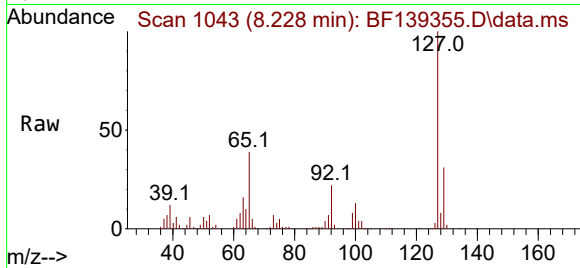




#33
4-Chloroaniline
Concen: 39.205 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

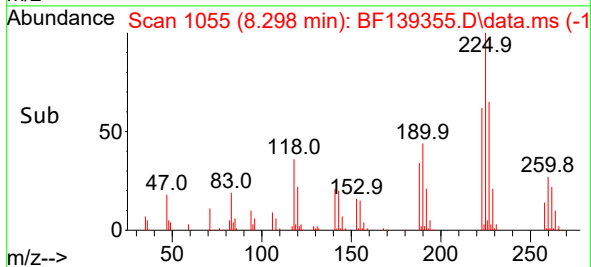
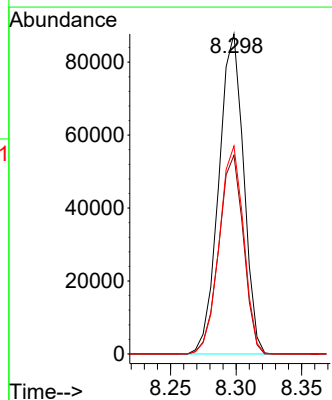
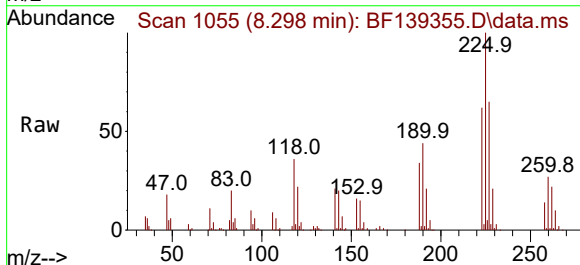
Instrument :
BNA_F
ClientSampleId :
SP6630

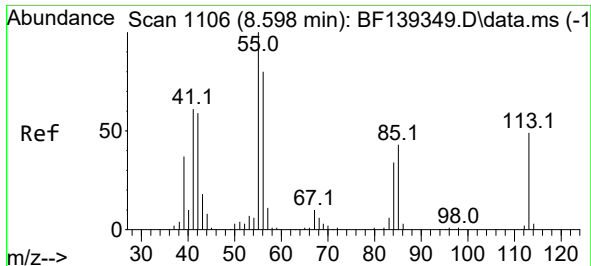
Tgt Ion:	127	Resp:	125146
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.5	38.3
65	39.0	31.5	47.3
92	22.5	17.6	26.4



#34
Hexachlorobutadiene
Concen: 50.994 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:	225	Resp:	115317
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	65.0	51.0	76.6

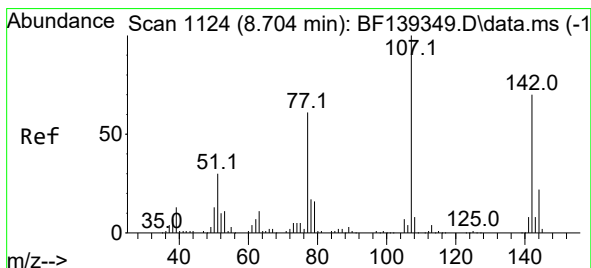
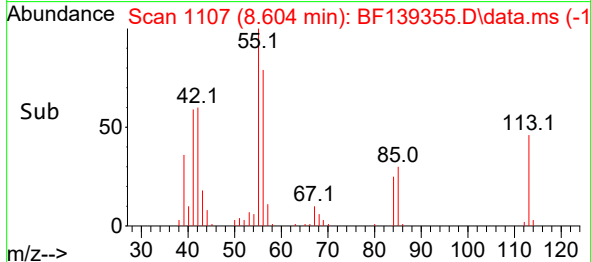
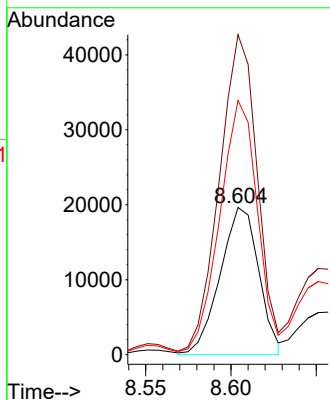
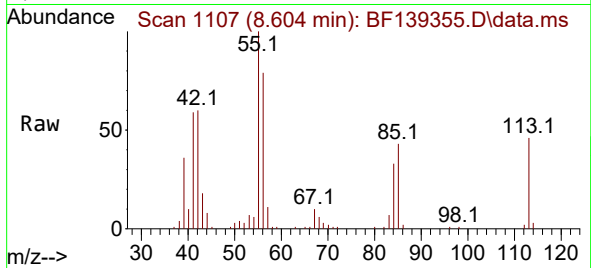




#35
Caprolactam
Concen: 35.282 ng
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

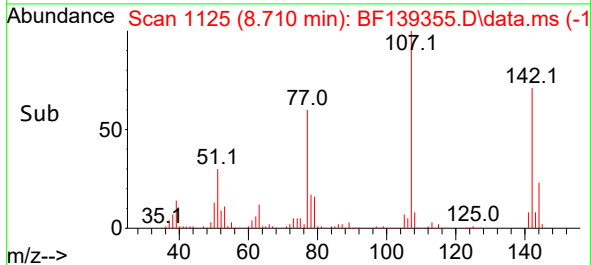
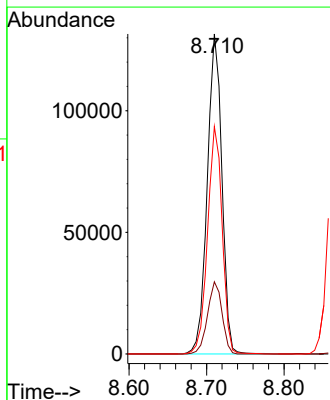
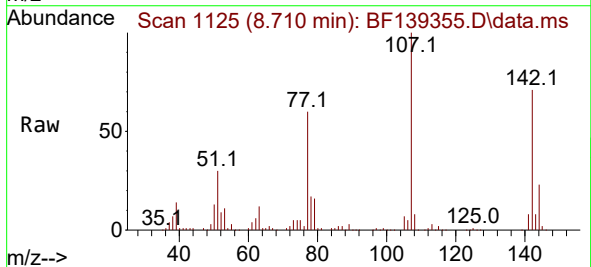
Instrument :
BNA_F
ClientSampleId :
SP6630

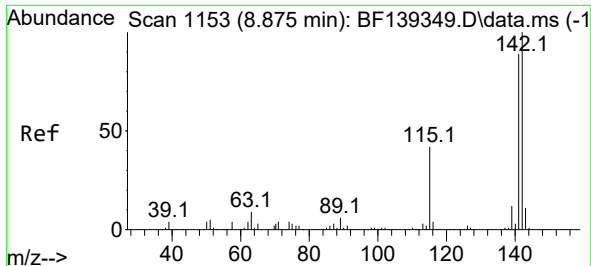
Tgt Ion:113 Resp: 31005
Ion Ratio Lower Upper
113 100
55 217.4 186.1 226.1
56 172.7 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 52.796 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:107 Resp: 172369
Ion Ratio Lower Upper
107 100
144 22.6 17.5 26.3
142 71.0 55.8 83.8

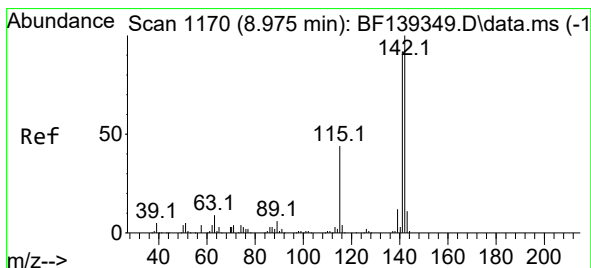
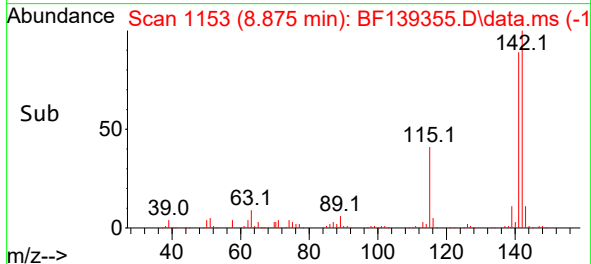
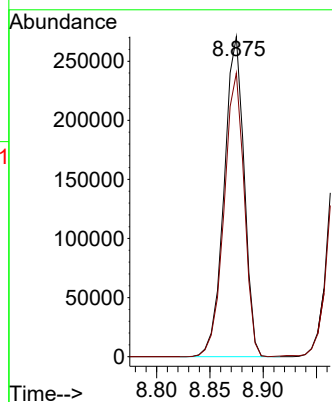
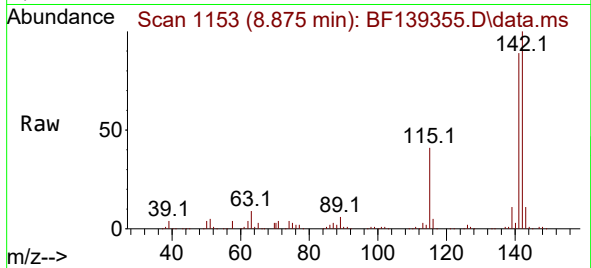




#37
2-Methylnaphthalene
Concen: 53.419 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

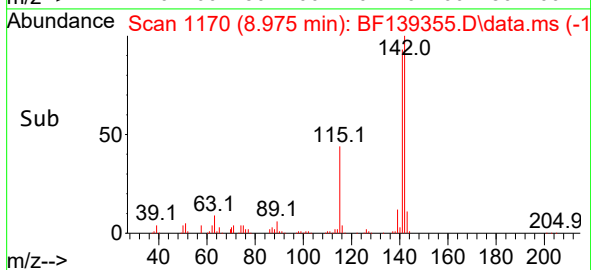
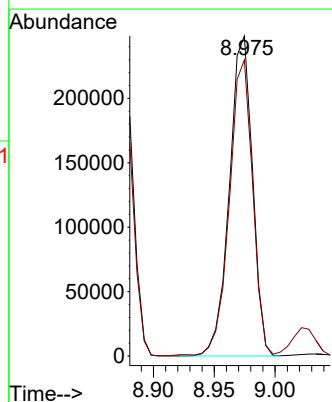
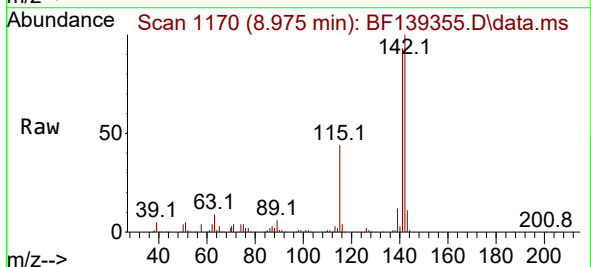
Instrument :
BNA_F
ClientSampleId :
SP6630

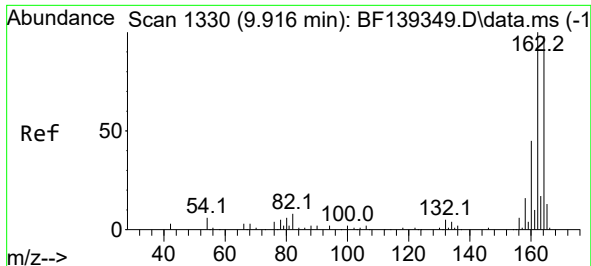
Tgt Ion:142 Resp: 353795
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#38
1-Methylnaphthalene
Concen: 50.476 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:142 Resp: 328207
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 111973

Delta R.T. -0.000 min

Lab File: BF139355.D

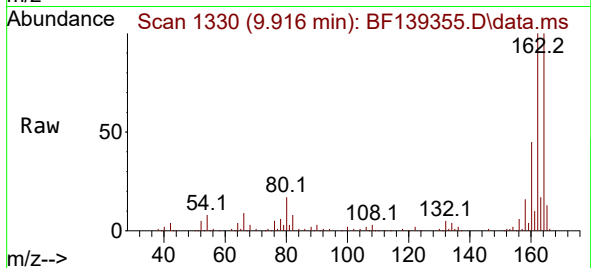
Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630



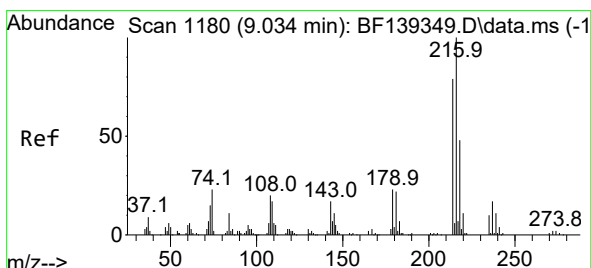
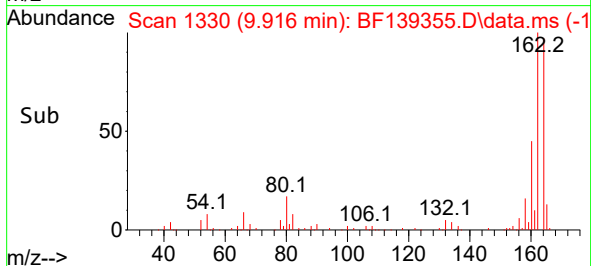
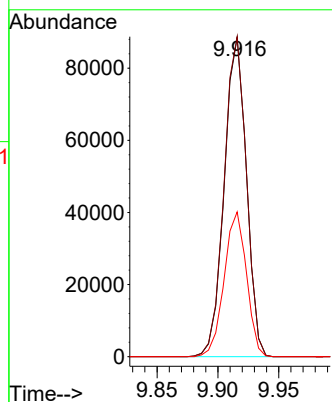
Tgt Ion:164 Resp: 111973

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 45.4 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.292 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Tgt Ion:216 Resp: 173533

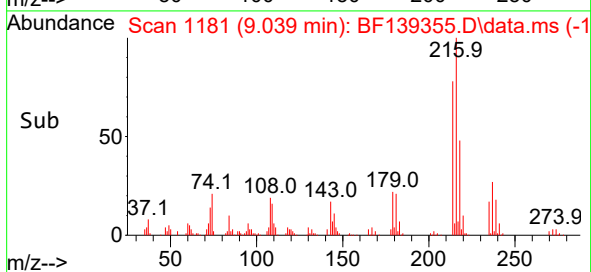
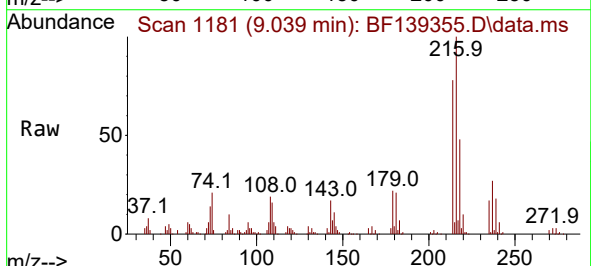
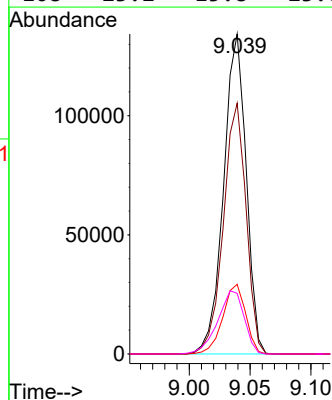
Ion Ratio Lower Upper

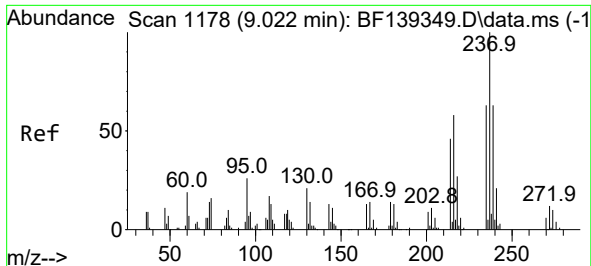
216 100

214 78.7 63.4 95.0

179 22.1 18.2 27.2

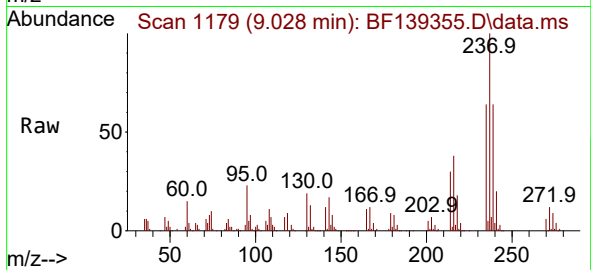
108 23.2 15.8 23.6



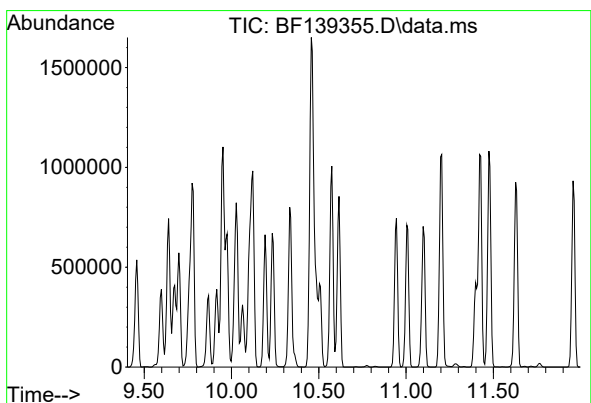
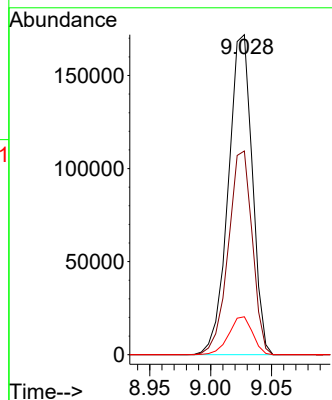
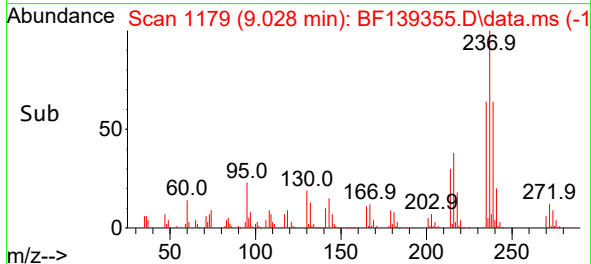


#41
Hexachlorocyclopentadiene
Concen: 203.680 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Instrument :
BNA_F
ClientSampleId :
SP6630



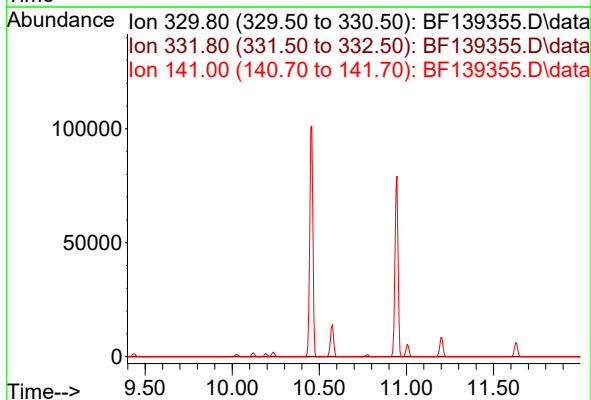
Tgt Ion: 237 Resp: 236002
Ion Ratio Lower Upper
237 100
235 63.7 42.7 82.7
272 11.9 0.0 32.5

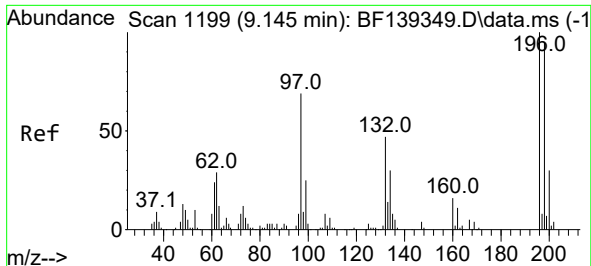


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion: 330
Sig Exp Ratio
330 100
332 94.0
141 39.0





#43

2,4,6-Trichlorophenol

Concen: 54.927 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

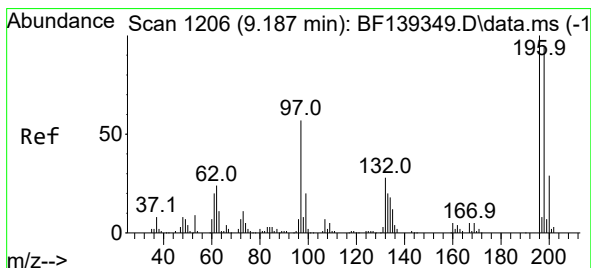
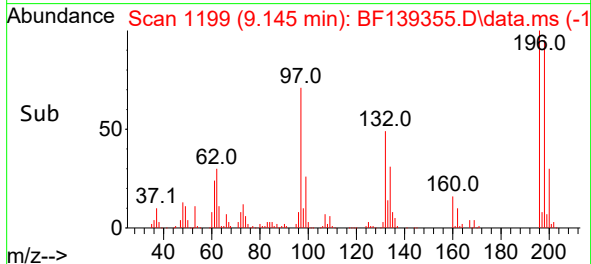
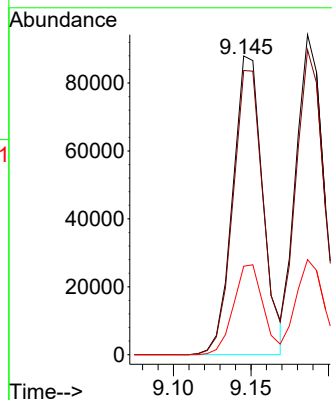
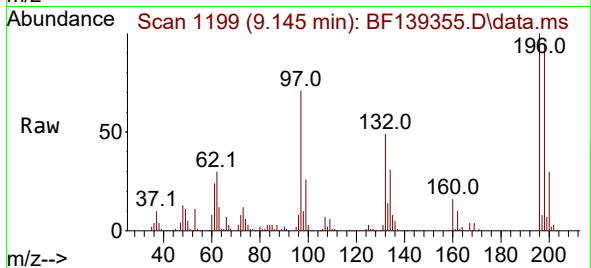
Tgt Ion:196 Resp: 118589

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.6

200 29.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 51.486 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Tgt Ion:196 Resp: 117254

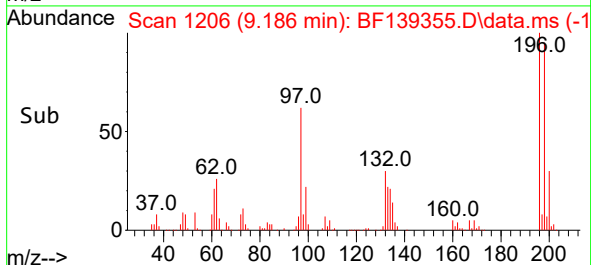
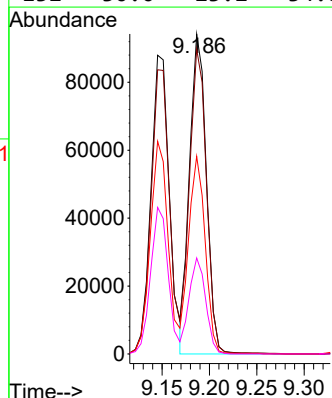
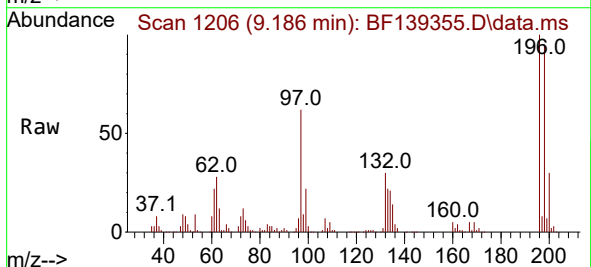
Ion Ratio Lower Upper

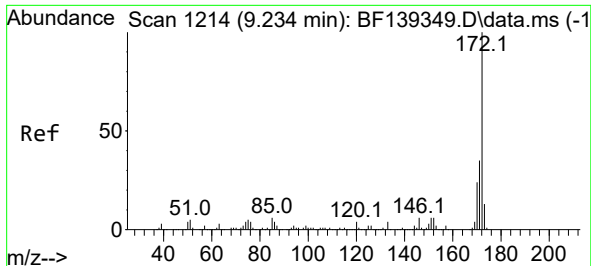
196 100

198 95.2 74.8 112.2

97 61.7 47.3 70.9

132 30.0 23.2 34.8

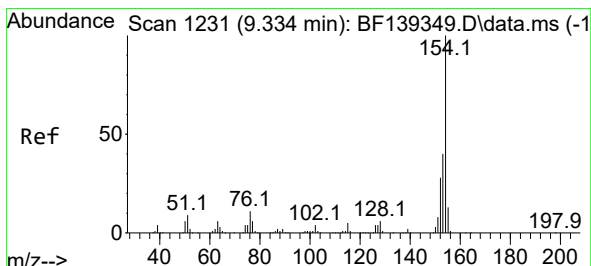
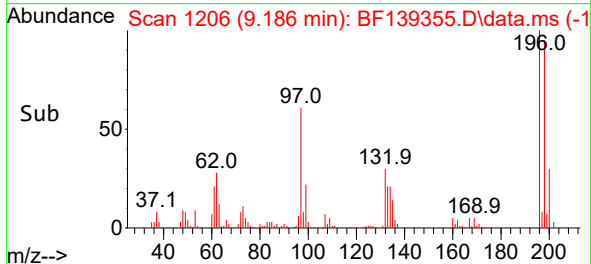
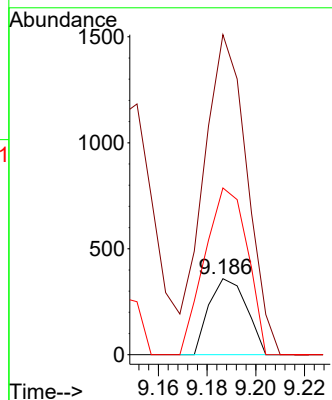
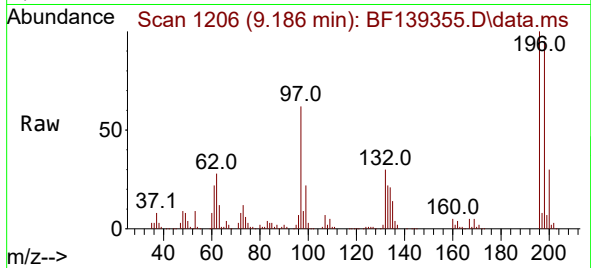




#45
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

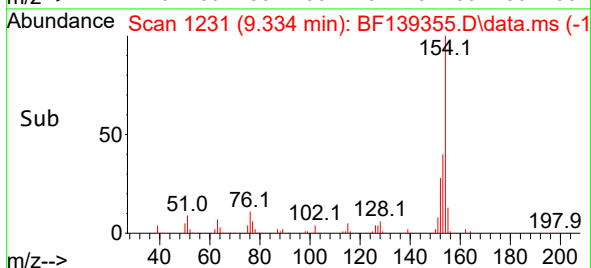
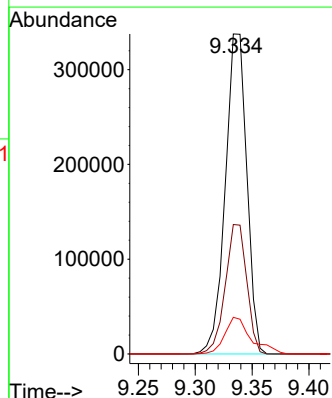
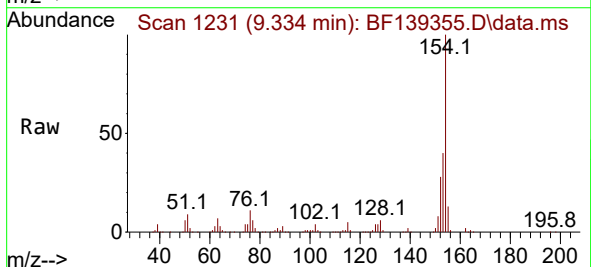
Instrument :
BNA_F
ClientSampleId :
SP6630

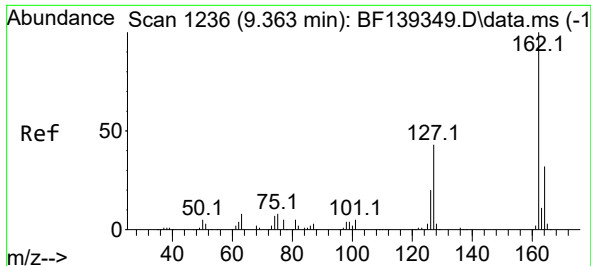
Tgt Ion:172 Resp: 385
Ion Ratio Lower Upper
172 100
171 420.6 28.3 42.5#
170 219.2 19.0 28.6#



#46
1,1'-Biphenyl
Concen: 51.600 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:154 Resp: 444505
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 51.851 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

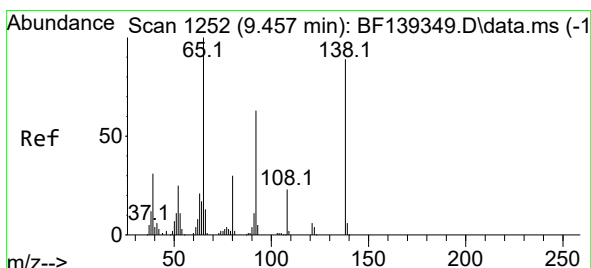
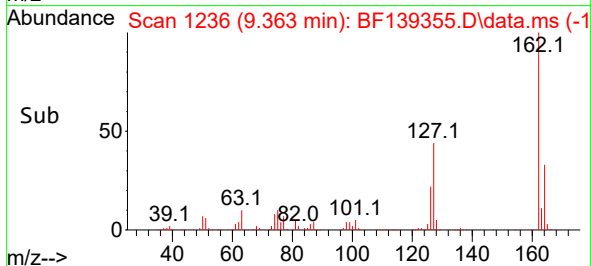
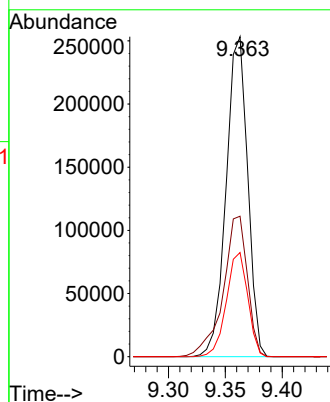
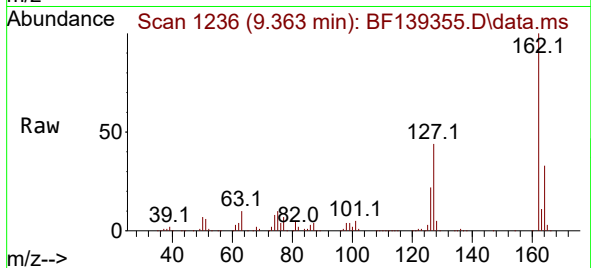
Tgt Ion:162 Resp: 333970

Ion Ratio Lower Upper

162 100

127 43.9 35.0 52.4

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 52.495 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

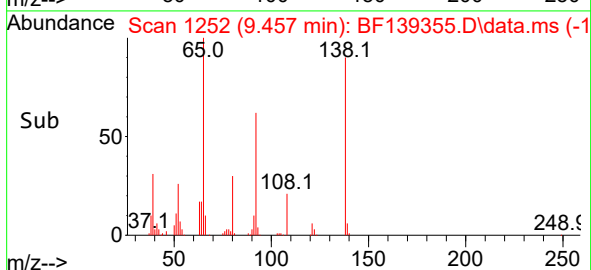
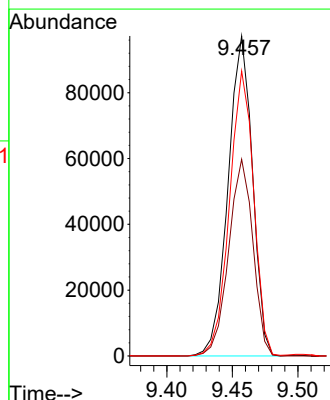
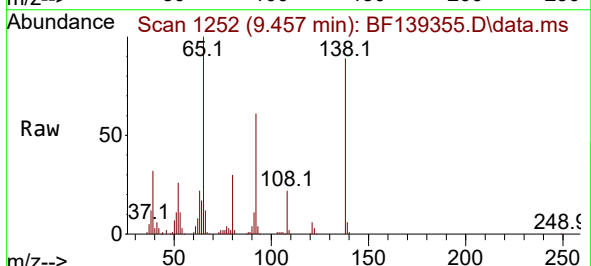
Tgt Ion: 65 Resp: 125762

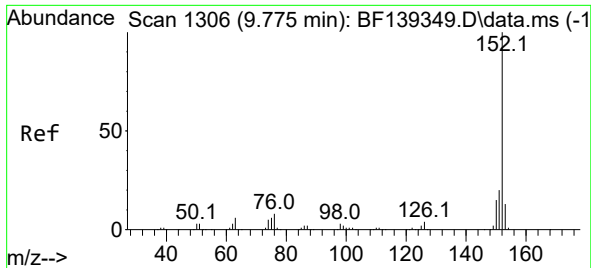
Ion Ratio Lower Upper

65 100

92 61.5 50.3 75.5

138 89.0 71.3 106.9

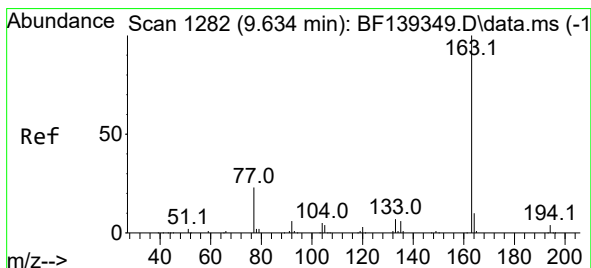
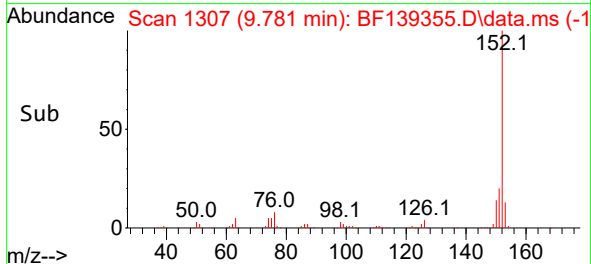
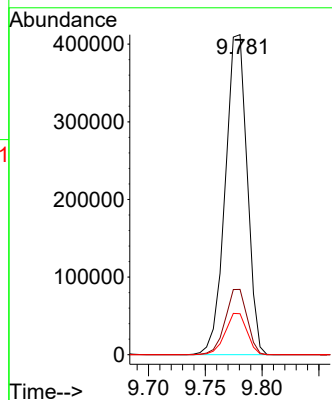
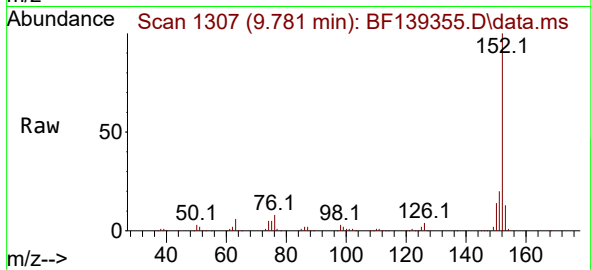




#49
Acenaphthylene
Concen: 56.868 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

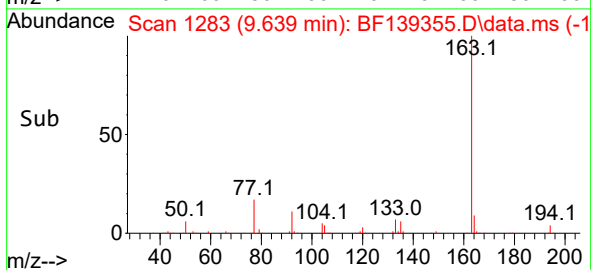
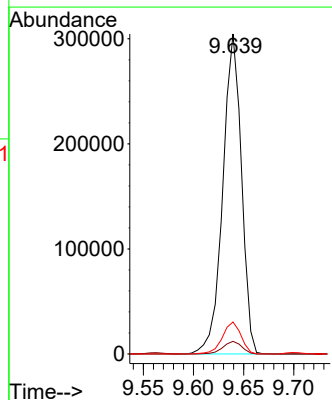
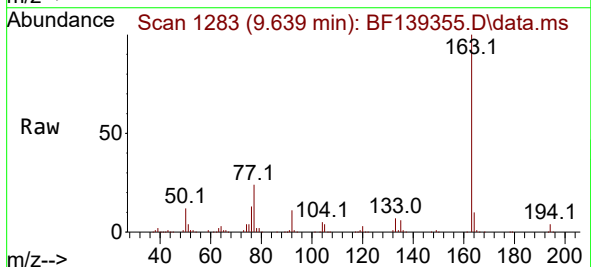
Instrument :
BNA_F
ClientSampleId :
SP6630

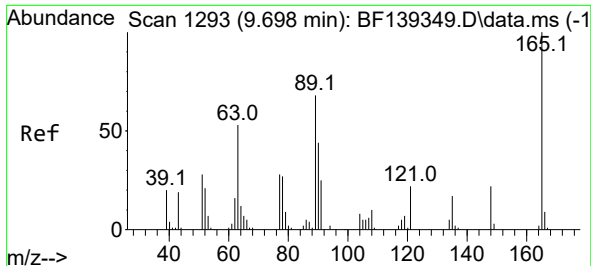
Tgt Ion:152 Resp: 551370
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.8 10.3 15.5



#50
Dimethylphthalate
Concen: 53.428 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:163 Resp: 392656
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2

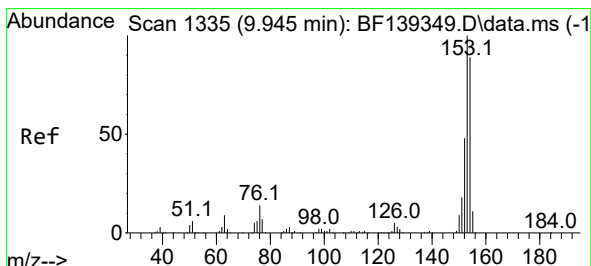
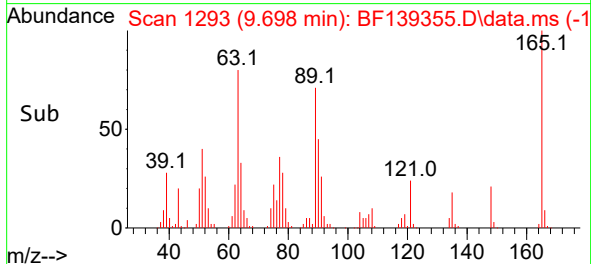
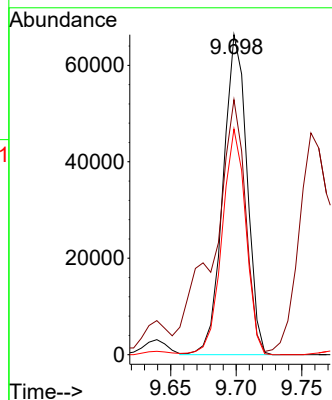
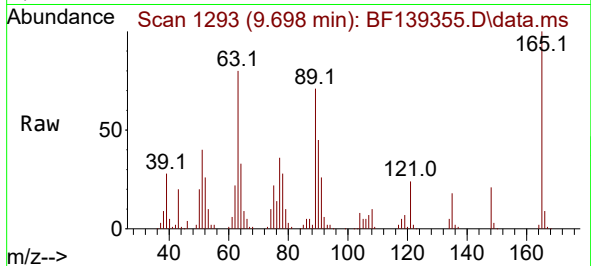




#51
2,6-Dinitrotoluene
Concen: 51.363 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

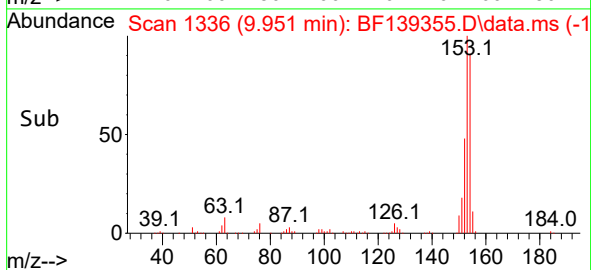
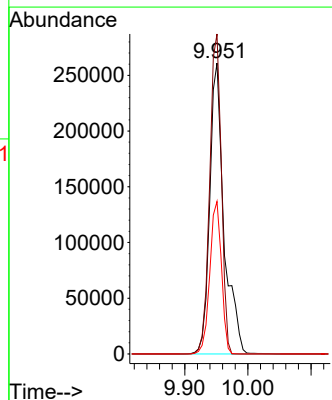
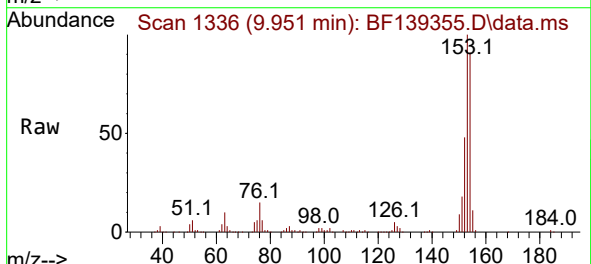
Instrument :
BNA_F
ClientSampleId :
SP6630

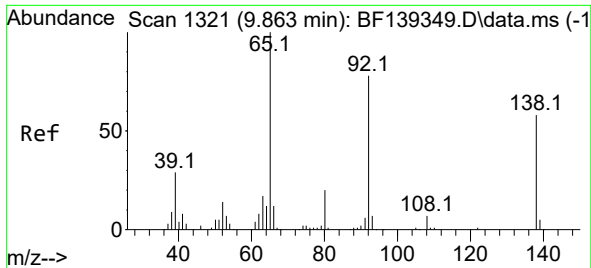
Tgt Ion:165 Resp: 83624
Ion Ratio Lower Upper
165 100
63 79.7 60.9 91.3
89 70.5 54.7 82.1



#52
Acenaphthene
Concen: 60.563 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:154 Resp: 409819
Ion Ratio Lower Upper
154 100
153 110.0 89.5 134.3
152 52.4 42.6 64.0

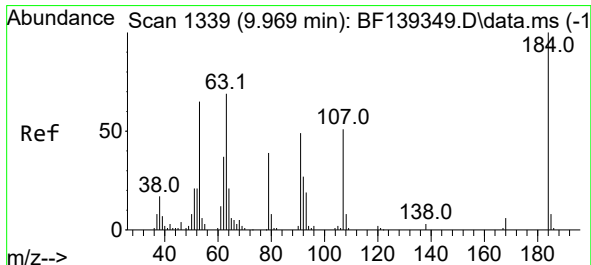
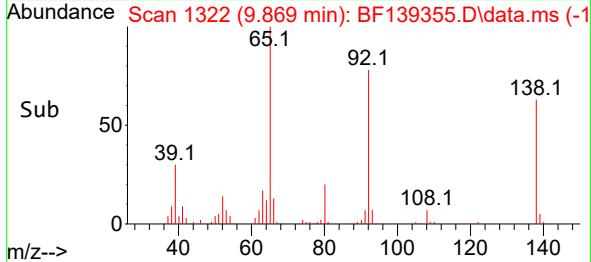
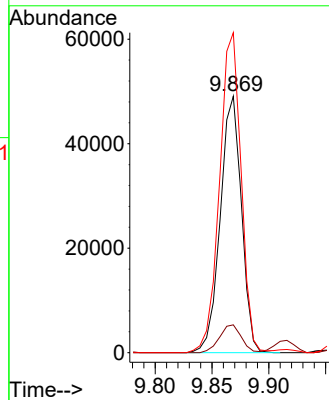
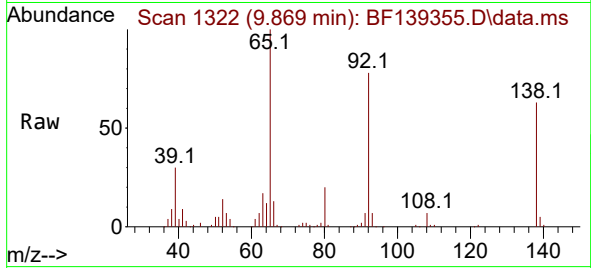




#53
3-Nitroaniline
Concen: 39.101 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

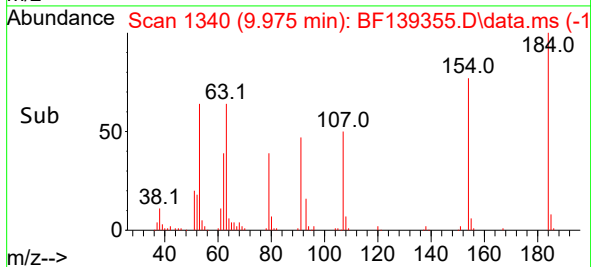
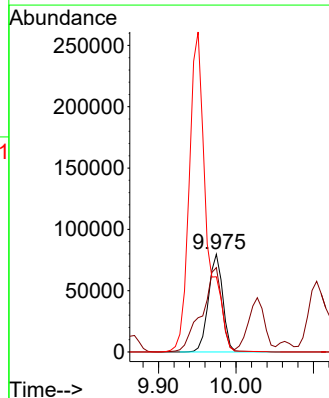
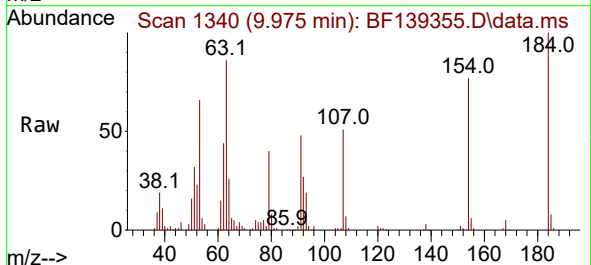
Instrument :
BNA_F
ClientSampleId :
SP6630

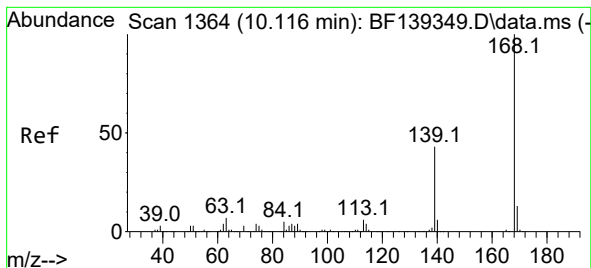
Tgt Ion:138 Resp: 63621
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 124.8 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 113.639 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:184 Resp: 103094
Ion Ratio Lower Upper
184 100
63 86.3 69.3 103.9
154 76.9 67.5 101.3





#55

Dibenzofuran

Concen: 53.552 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

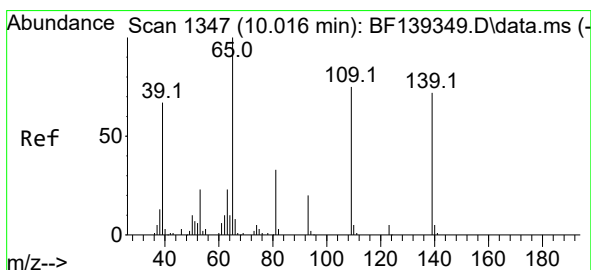
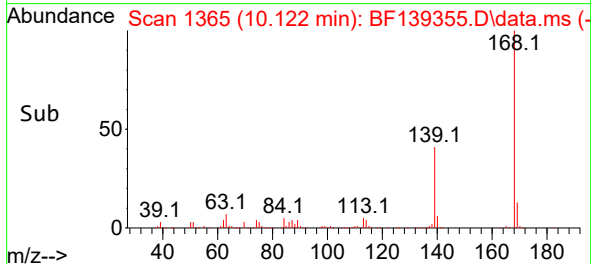
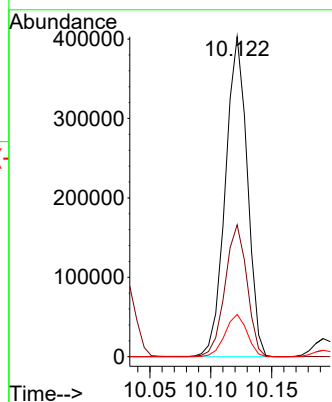
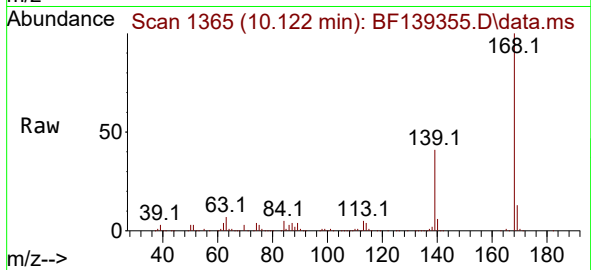
Tgt Ion:168 Resp: 505088

Ion Ratio Lower Upper

168 100

139 41.2 34.1 51.1

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 111.208 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

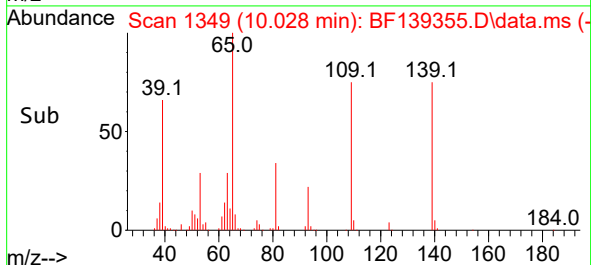
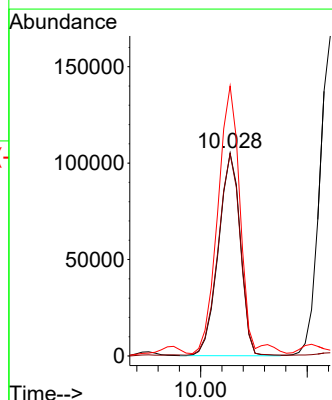
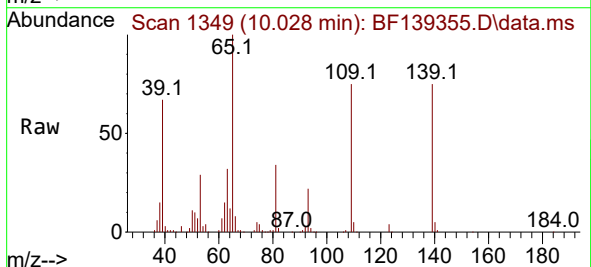
Tgt Ion:139 Resp: 149724

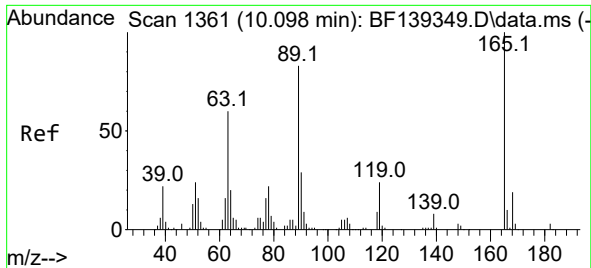
Ion Ratio Lower Upper

139 100

109 99.7 84.1 124.1

65 133.1 120.0 160.0

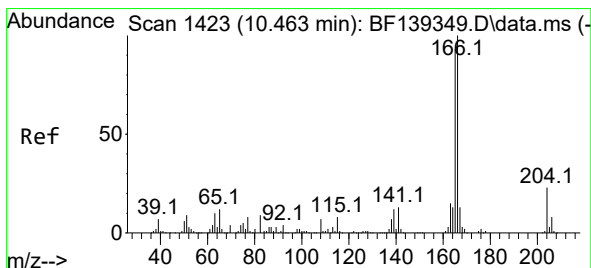
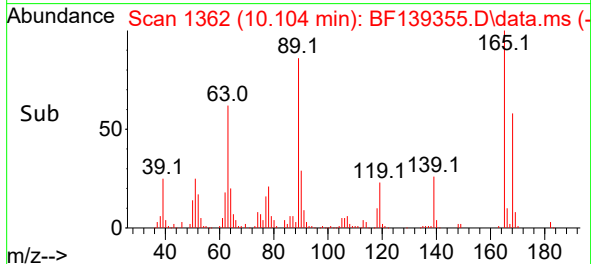
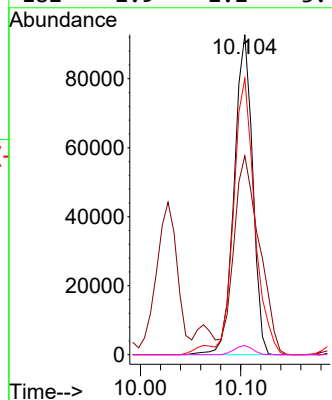
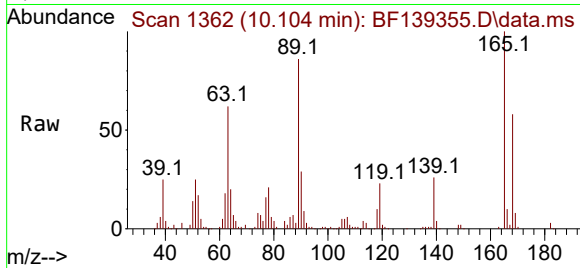




#57
2,4-Dinitrotoluene
Concen: 53.977 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

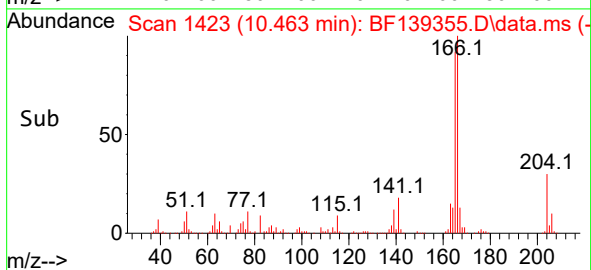
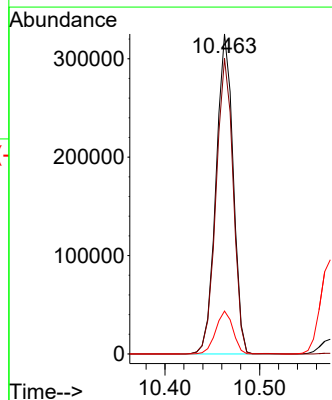
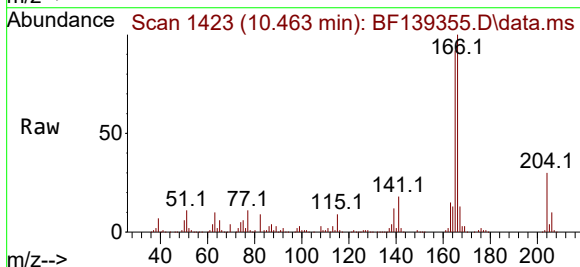
Instrument :
BNA_F
ClientSampleId :
SP6630

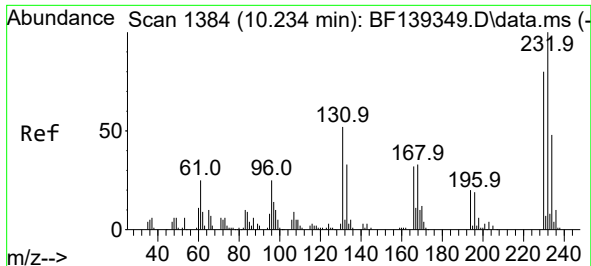
Tgt Ion:165 Resp: 118645
Ion Ratio Lower Upper
165 100
63 62.2 47.8 71.6
89 86.4 66.7 100.1
182 2.9 2.2 3.4



#58
Fluorene
Concen: 53.062 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:166 Resp: 408336
Ion Ratio Lower Upper
166 100
165 92.3 74.5 111.7
167 13.4 10.6 16.0

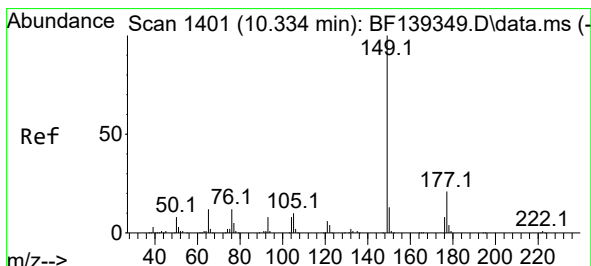
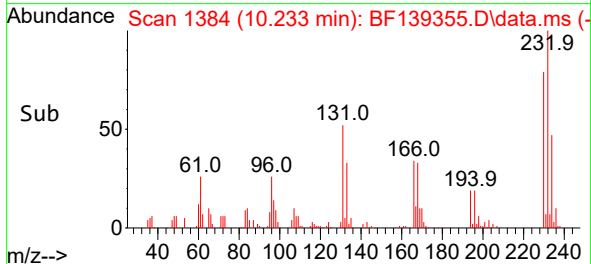
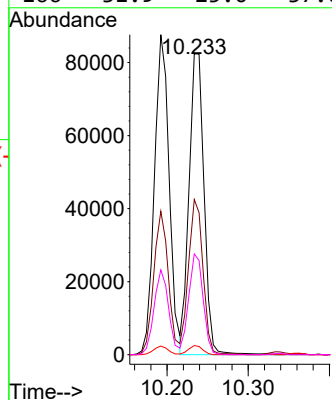
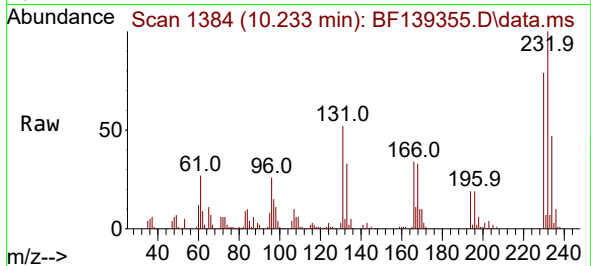




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.397 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

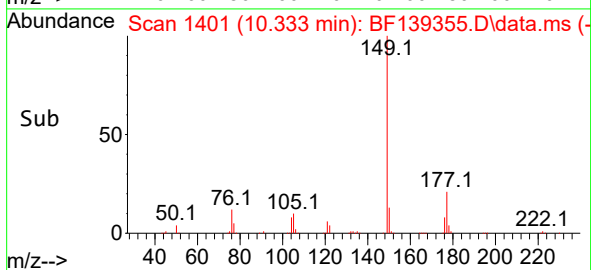
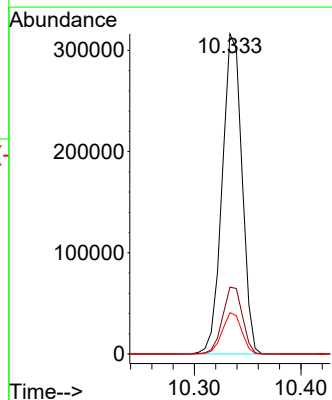
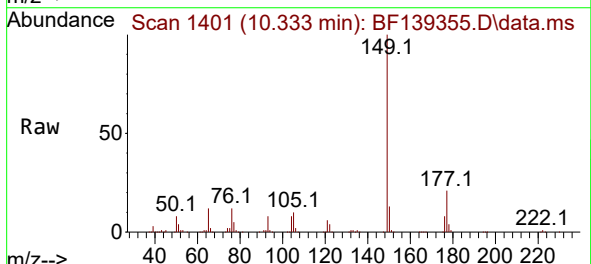
Instrument :
BNA_F
ClientSampleId :
SP6630

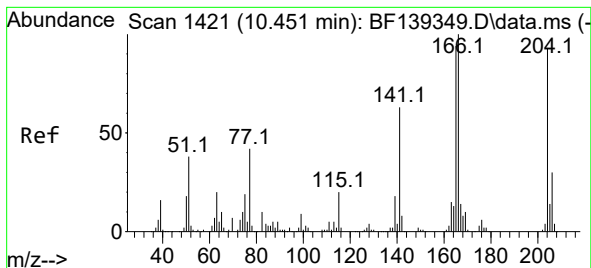
Tgt Ion:232 Resp: 106248
Ion Ratio Lower Upper
232 100
131 49.5 40.7 61.1
130 2.8 2.2 3.2
166 31.9 25.0 37.6



#60
Diethylphthalate
Concen: 53.626 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:149 Resp: 406706
Ion Ratio Lower Upper
149 100
177 20.9 16.6 24.8
150 12.9 10.6 15.8

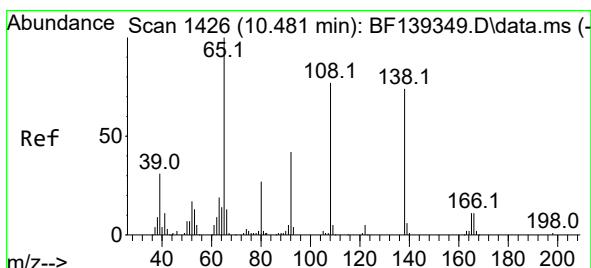
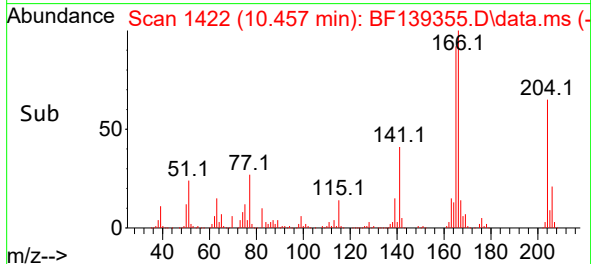
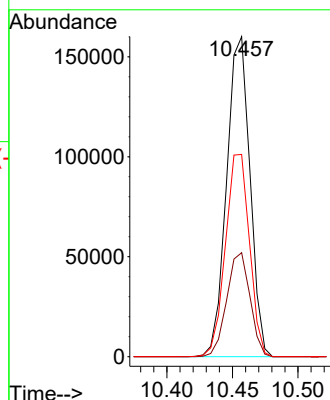
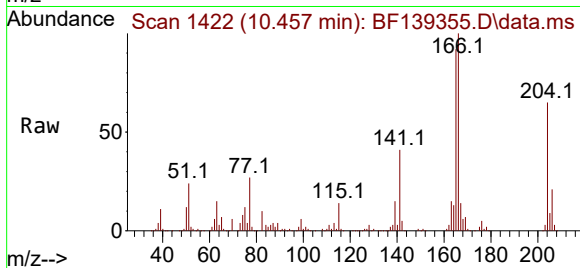




#61
4-Chlorophenyl-phenylether
Concen: 52.975 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

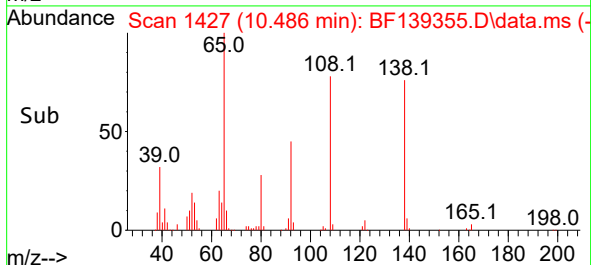
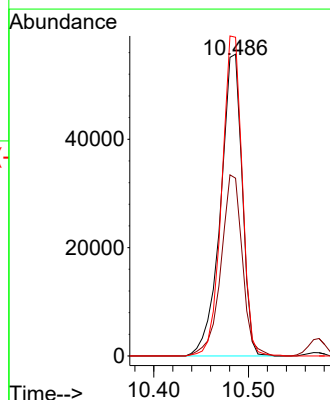
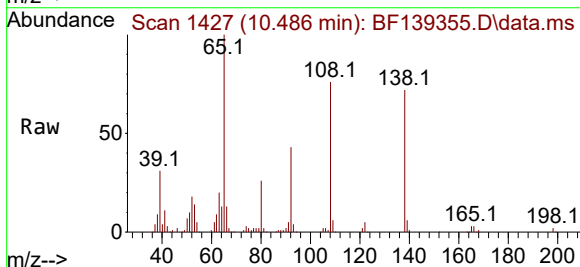
Instrument :
BNA_F
ClientSampleId :
SP6630

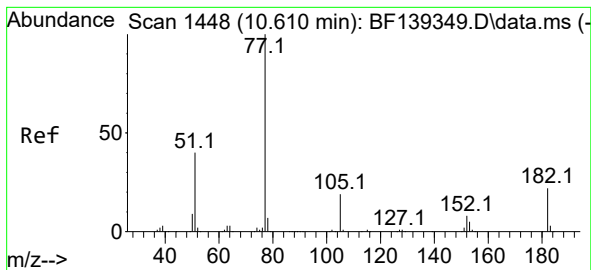
Tgt Ion:204 Resp: 198121
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 63.2 53.9 80.9



#62
4-Nitroaniline
Concen: 49.757 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:138 Resp: 88358
Ion Ratio Lower Upper
138 100
92 58.9 37.0 77.0
108 105.6 84.4 124.4





#63

Azobenzene

Concen: 54.804 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

Tgt Ion: 77 Resp: 408805

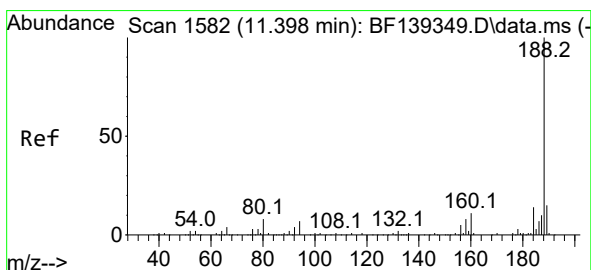
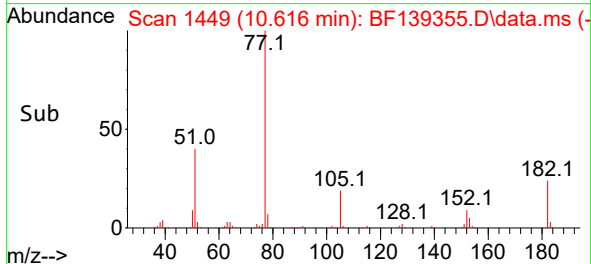
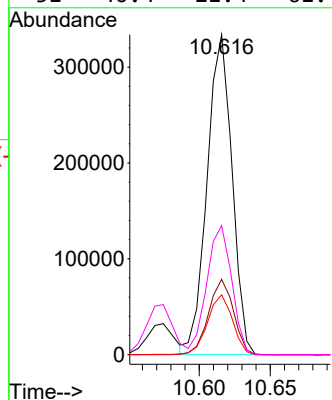
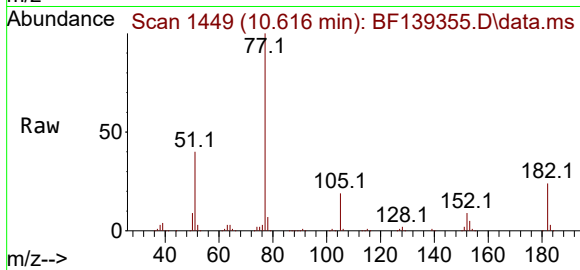
Ion Ratio Lower Upper

77 100

182 23.6 1.8 41.8

105 18.7 0.0 38.6

51 40.4 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

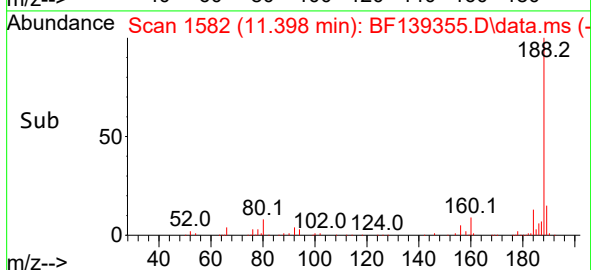
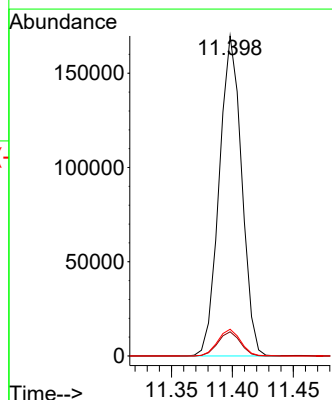
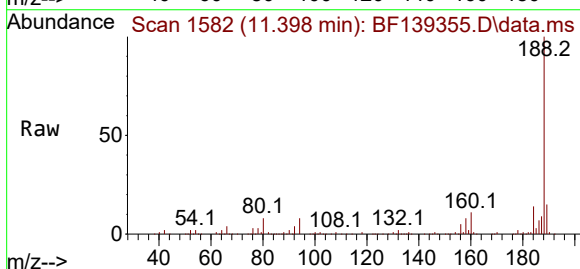
Tgt Ion:188 Resp: 218041

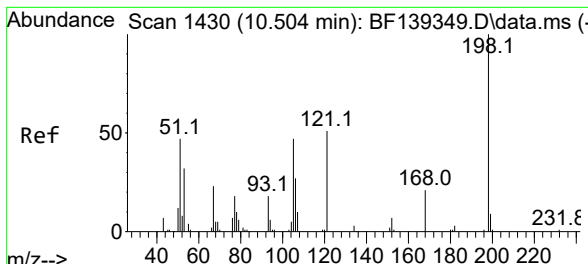
Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.3 6.6 9.8

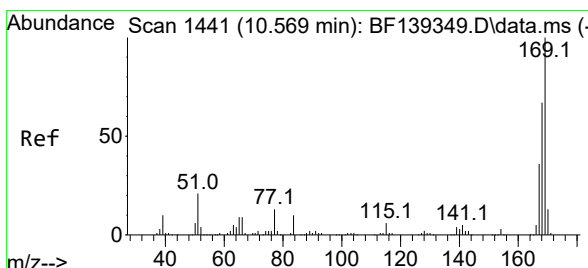
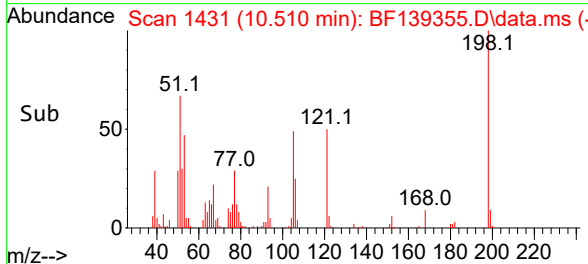
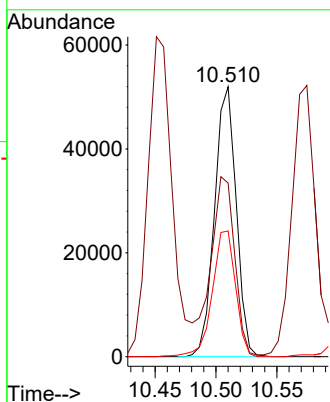
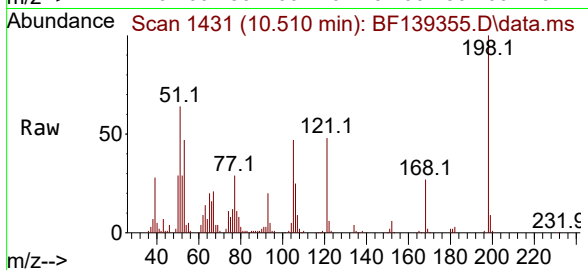




#65
4,6-Dinitro-2-methylphenol
Concen: 55.917 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

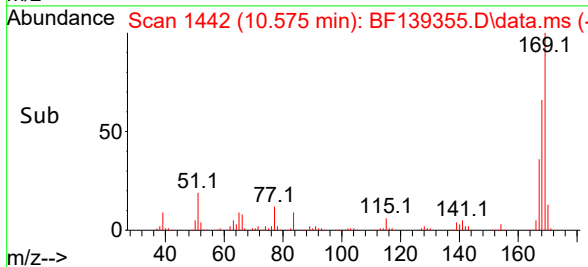
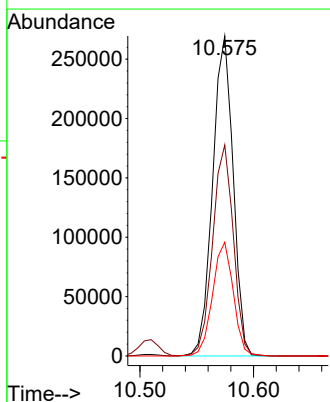
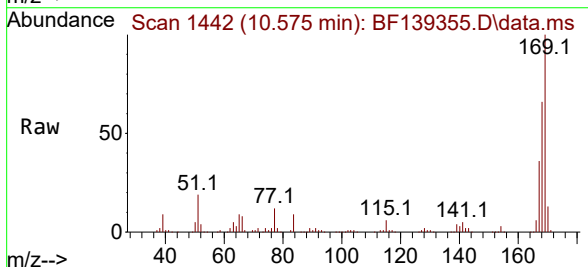
Instrument :
BNA_F
ClientSampleId :
SP6630

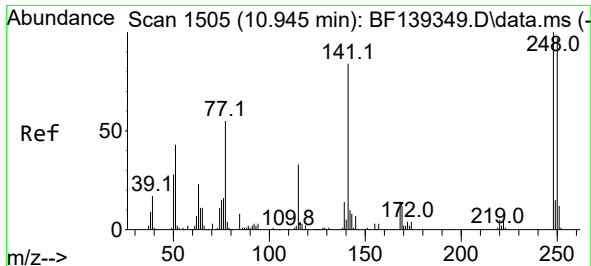
Tgt Ion:198 Resp: 64349
Ion Ratio Lower Upper
198 100
51 64.3 50.4 90.4
105 46.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 53.044 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:169 Resp: 338145
Ion Ratio Lower Upper
169 100
168 65.9 53.6 80.4
167 35.6 28.7 43.1

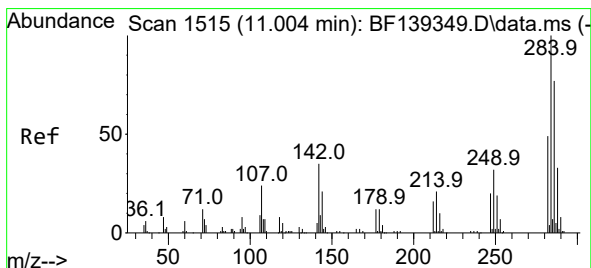
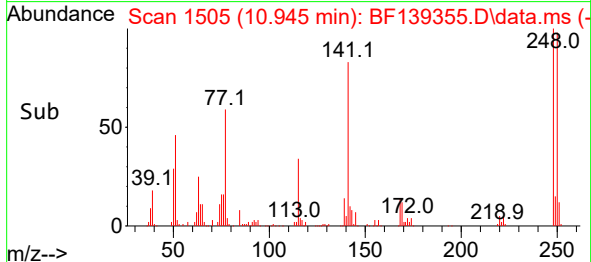
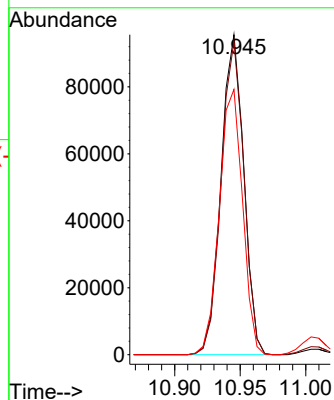
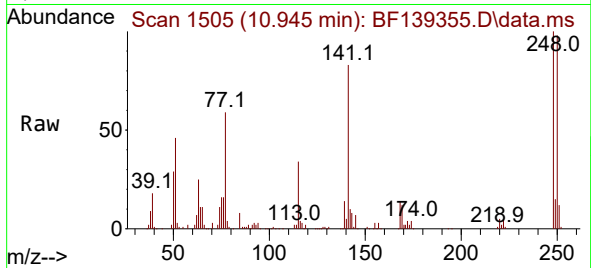




#67
4-Bromophenyl-phenylether
Concen: 53.434 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

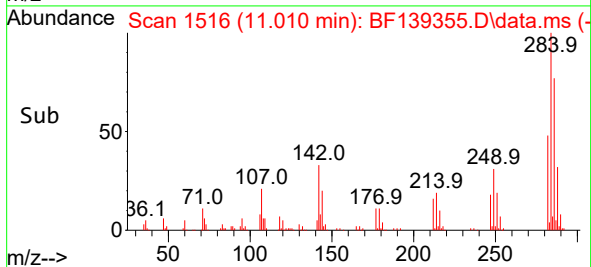
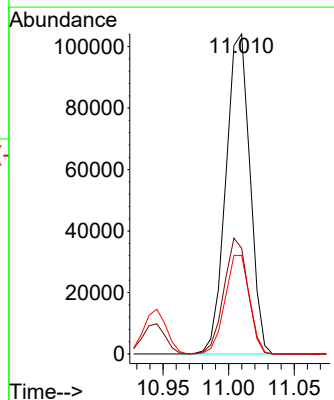
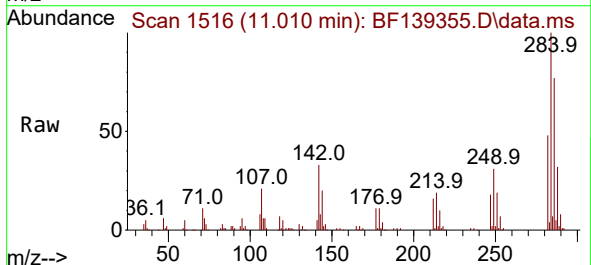
Instrument :
BNA_F
ClientSampleId :
SP6630

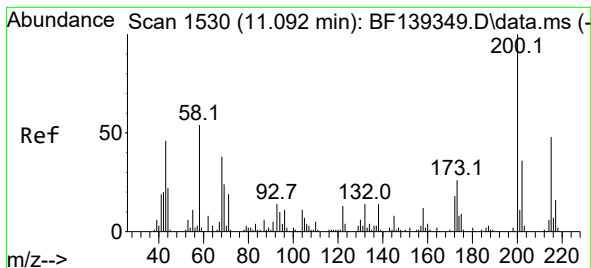
Tgt Ion:248 Resp: 115457
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 82.9 66.9 100.3



#68
Hexachlorobenzene
Concen: 52.569 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:284 Resp: 133309
Ion Ratio Lower Upper
284 100
142 33.1 28.0 42.0
249 30.8 25.3 37.9





#69

Atrazine

Concen: 76.071 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

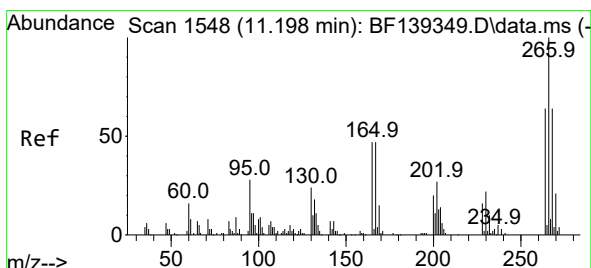
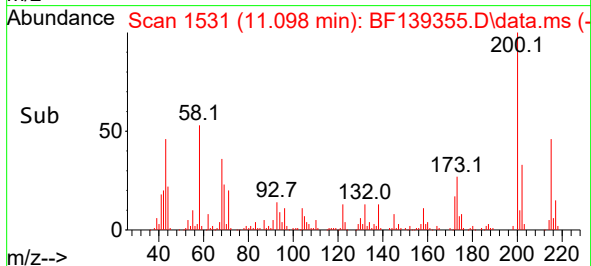
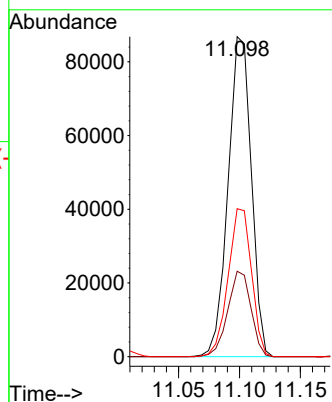
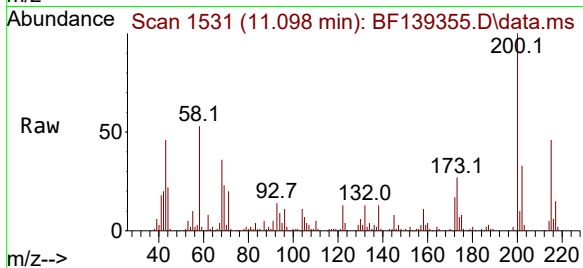
Tgt Ion:200 Resp: 115448

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

215 46.2 28.2 68.2



#70

Pentachlorophenol

Concen: 107.368 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

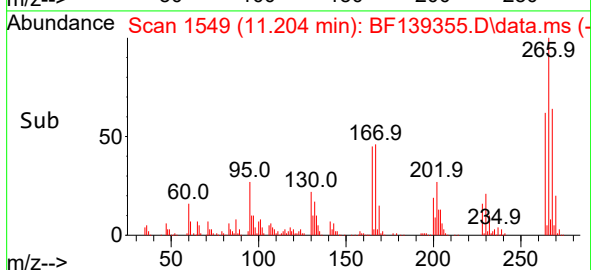
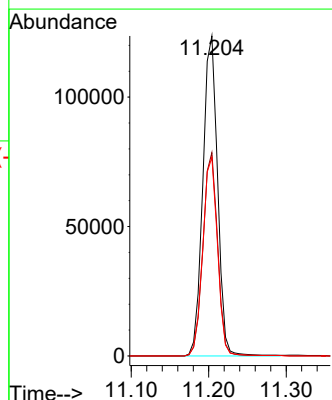
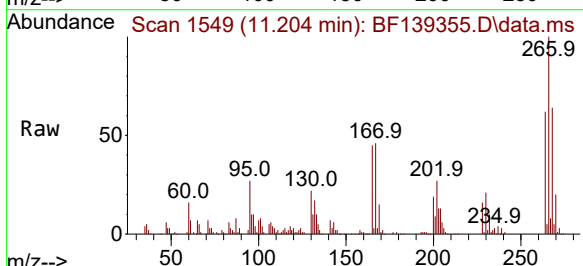
Tgt Ion:266 Resp: 163376

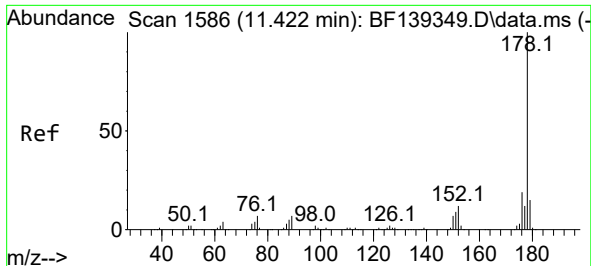
Ion Ratio Lower Upper

266 100

268 63.6 51.1 76.7

264 62.1 51.4 77.0

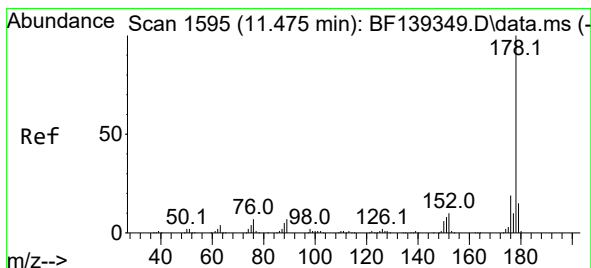
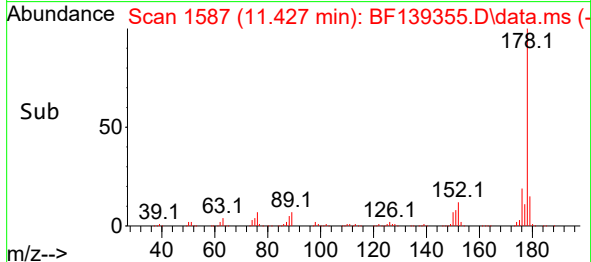
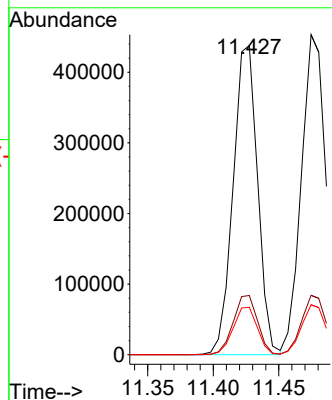
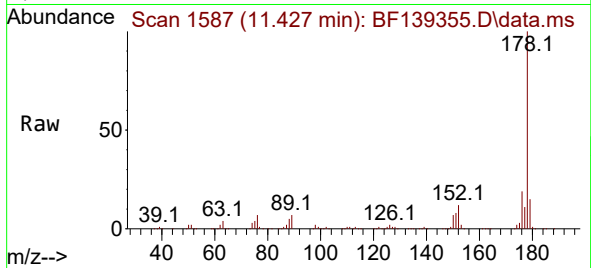




#71
Phenanthrene
Concen: 54.172 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

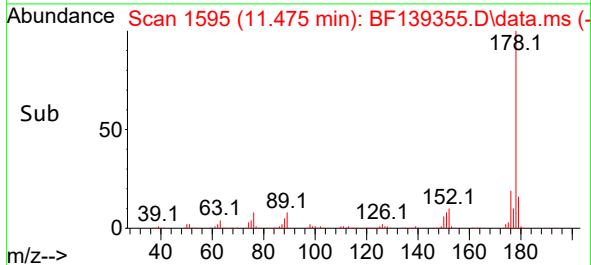
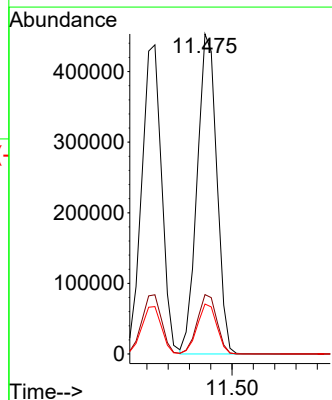
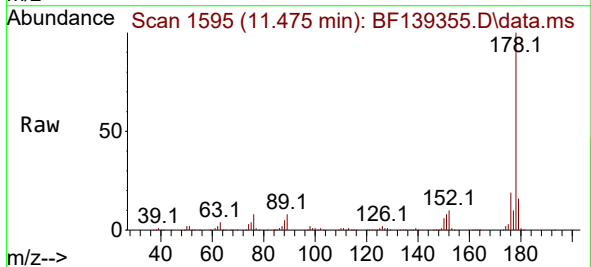
Instrument :
BNA_F
ClientSampleId :
SP6630

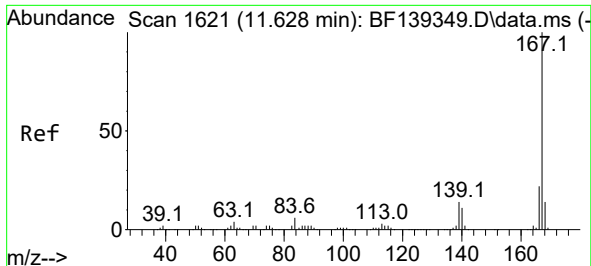
Tgt Ion:178 Resp: 569863
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 56.543 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

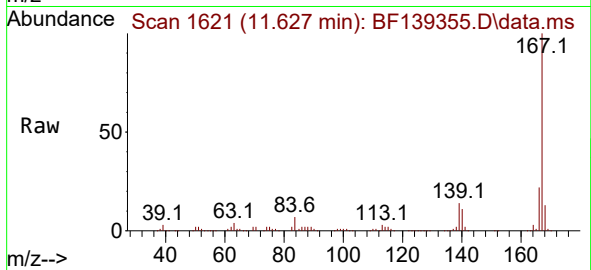
Tgt Ion:178 Resp: 581555
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.0 18.0



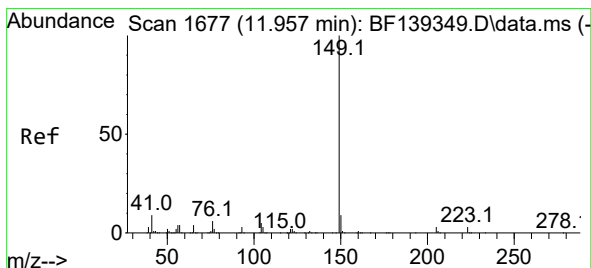
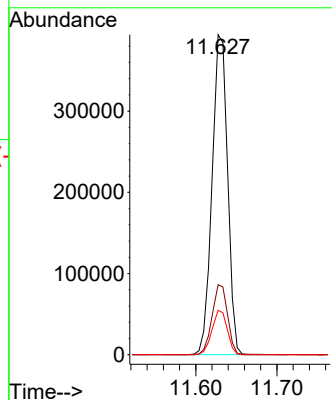
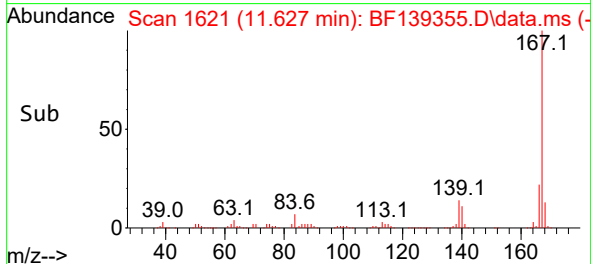


#73
 Carbazole
 Concen: 53.109 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38

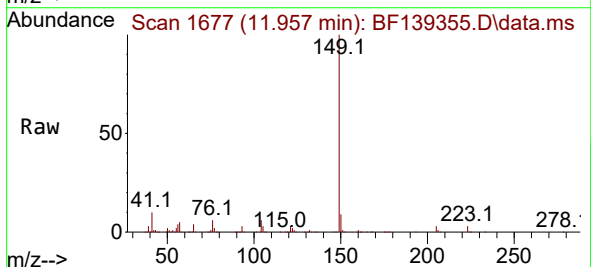
Instrument :
 BNA_F
 ClientSampleId :
 SP6630



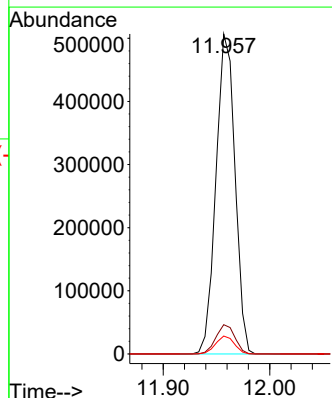
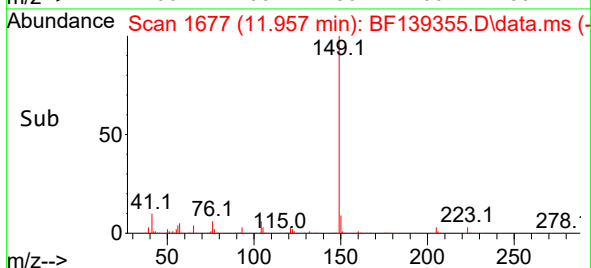
Tgt Ion:167 Resp: 522799
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.8 10.9 16.3

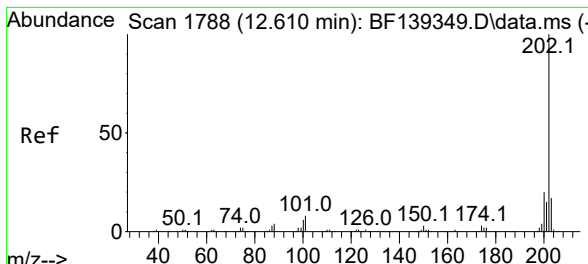


#74
 Di-n-butylphthalate
 Concen: 57.165 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38



Tgt Ion:149 Resp: 626861
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.6 4.3 6.5

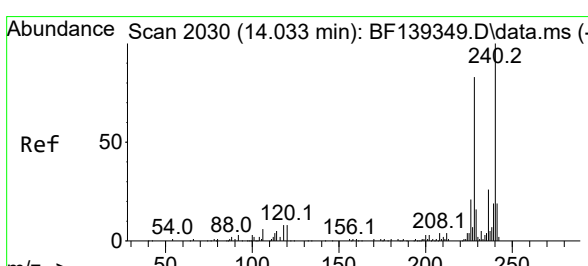
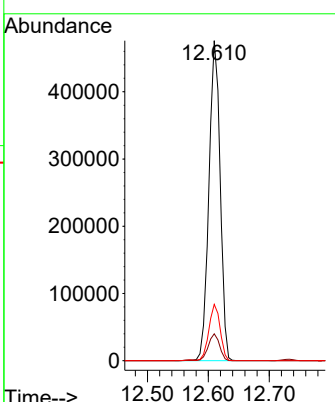
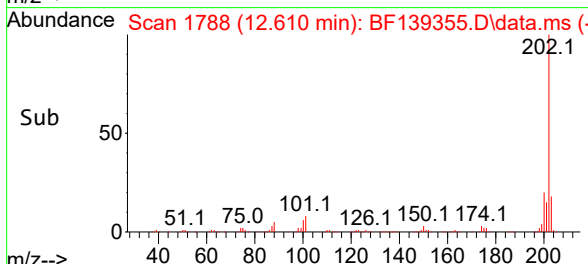
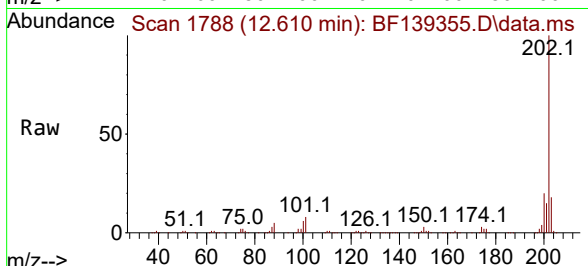




#75
 Fluoranthene
 Concen: 54.337 ng
 RT: 12.610 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38

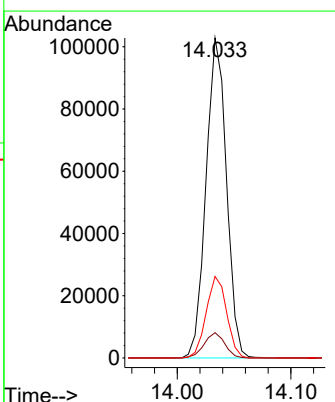
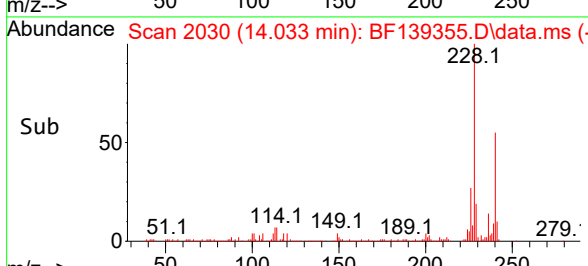
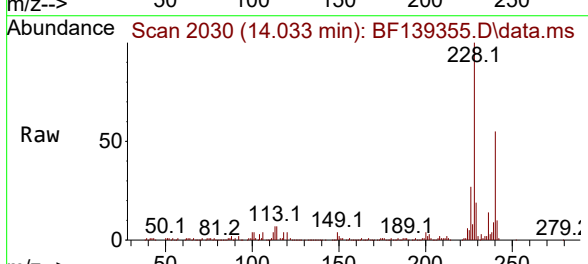
Instrument : BNA_F
 ClientSampleId : SP6630

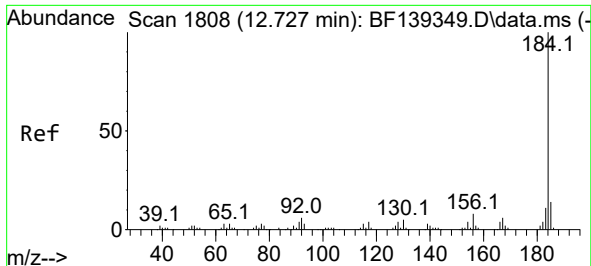
Tgt Ion:	202	Resp:	610424
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	27.7
203	17.6	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38

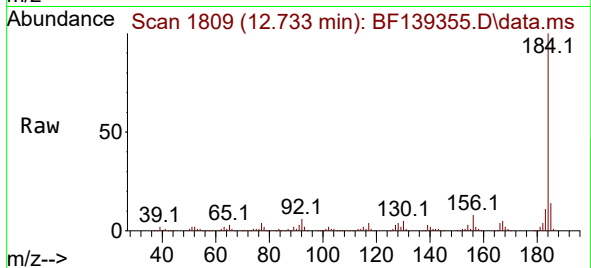
Tgt Ion:	240	Resp:	128554
Ion Ratio	Lower	Upper	
240	100		
120	7.9	6.2	9.2
236	25.5	20.9	31.3



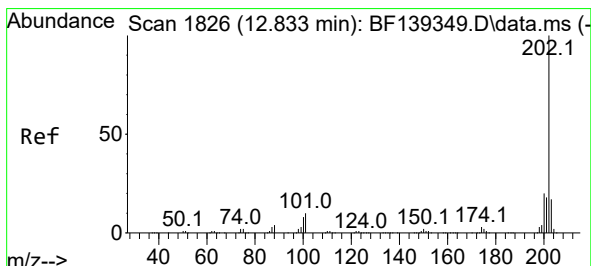
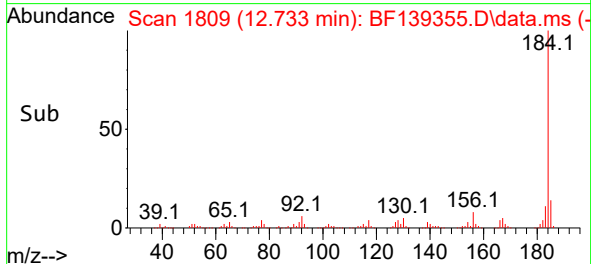
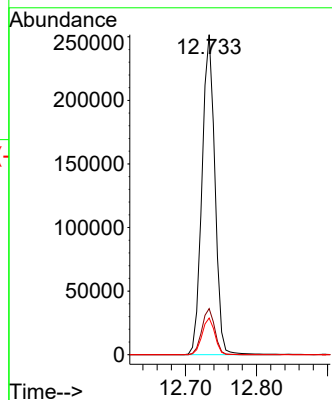


#77
Benzidine
Concen: 172.868 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Instrument :
BNA_F
ClientSampleId :
SP6630

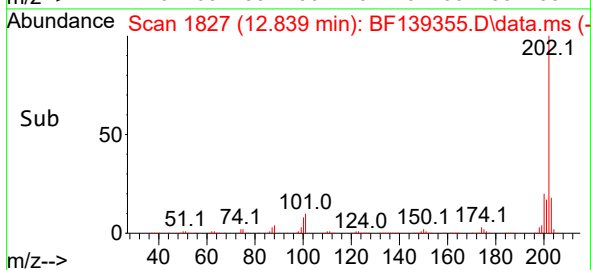
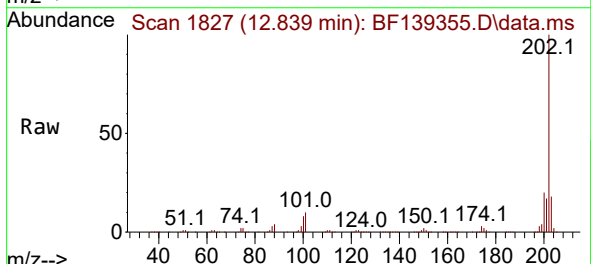
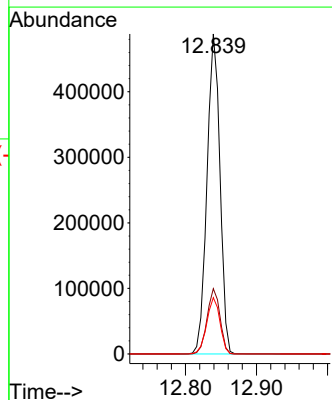


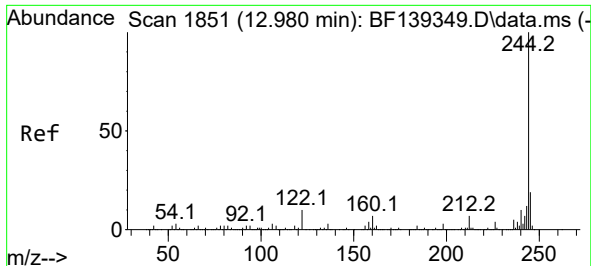
Tgt Ion:184 Resp: 318389
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.5 8.9 13.3



#78
Pyrene
Concen: 56.150 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:202 Resp: 619790
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.6 13.9 20.9

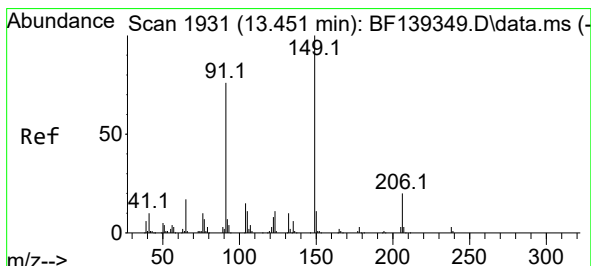
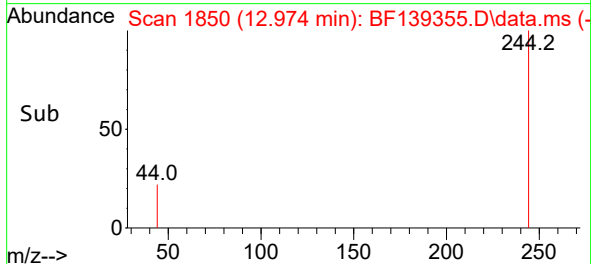
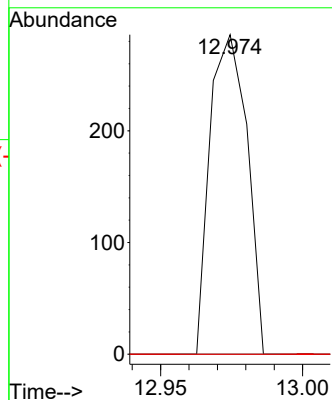
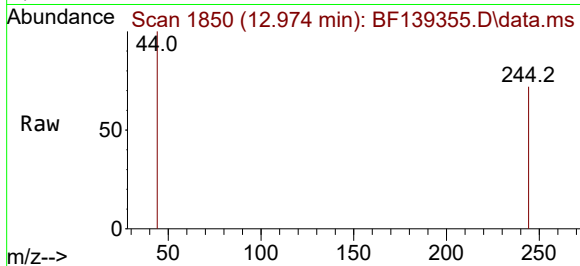




#79
 Terphenyl-d14
 Concen: 0.033 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38

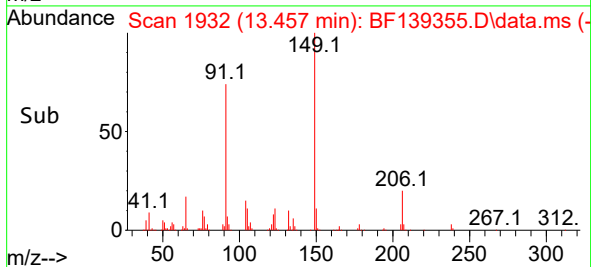
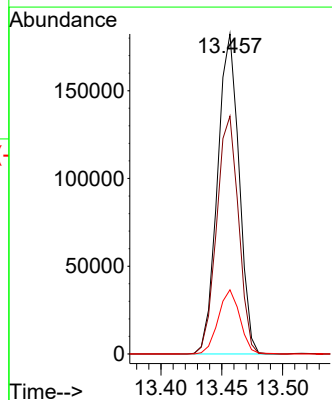
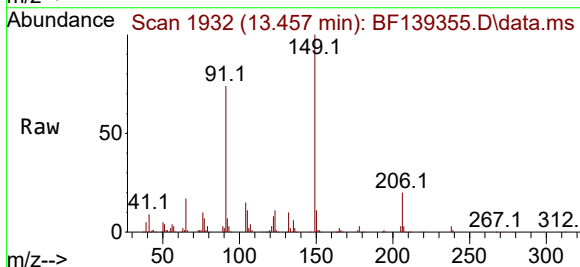
Instrument :
 BNA_F
 ClientSampleId :
 SP6630

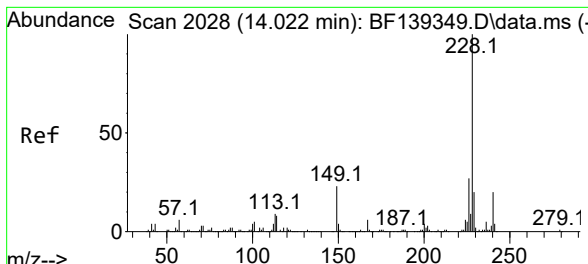
Tgt Ion:244 Resp: 260
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 59.838 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139355.D
 Acq: 13 Sep 2024 21:38

Tgt Ion:149 Resp: 224821
 Ion Ratio Lower Upper
 149 100
 91 74.3 60.9 91.3
 206 20.1 15.8 23.8

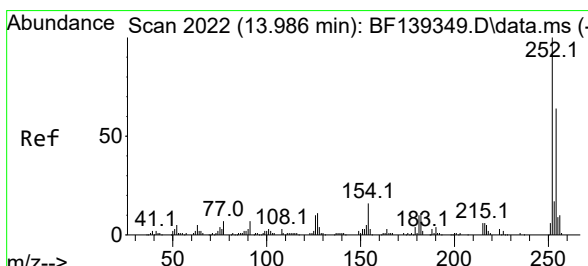
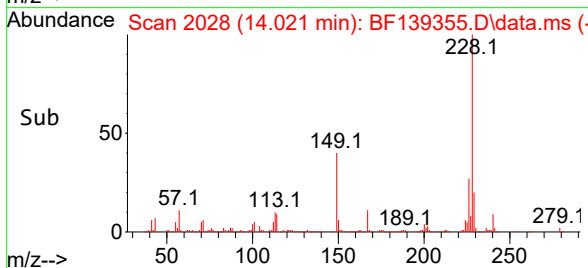
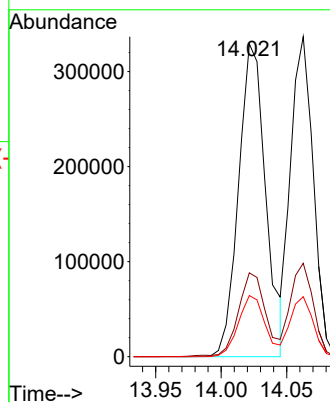
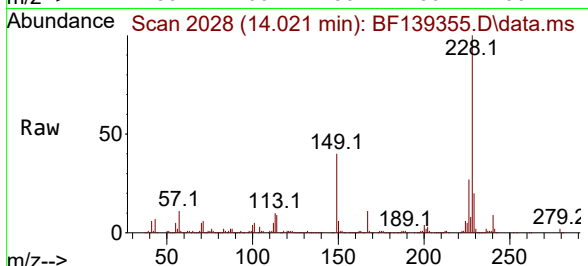




#81
Benzo(a)anthracene
Concen: 55.723 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

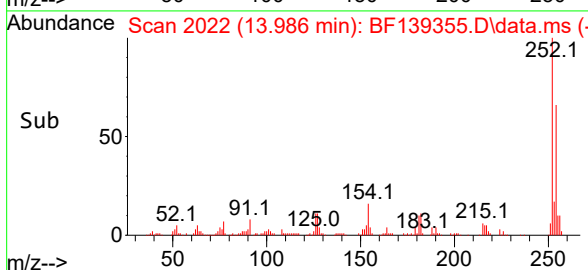
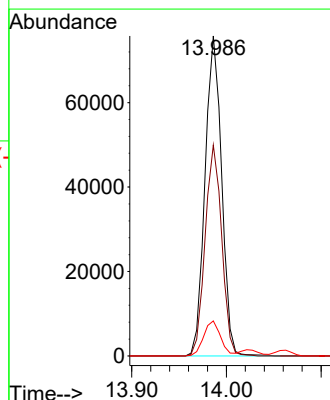
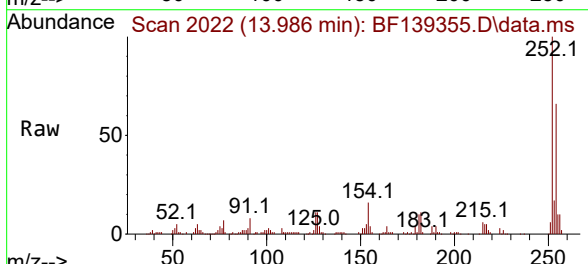
Instrument :
BNA_F
ClientSampleId :
SP6630

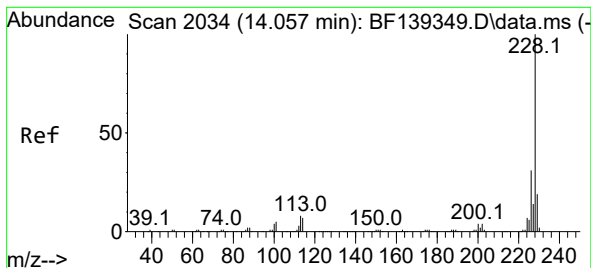
Tgt Ion:228 Resp: 474506
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.937 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:252 Resp: 92112
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 10.9 7.7 11.5





#83

Chrysene

Concen: 51.379 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

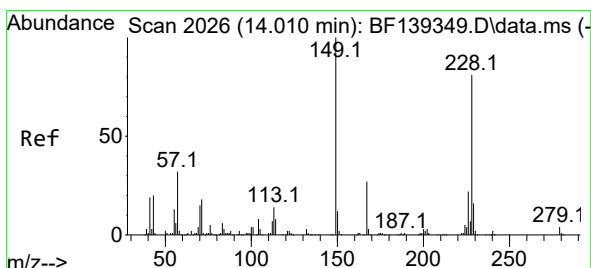
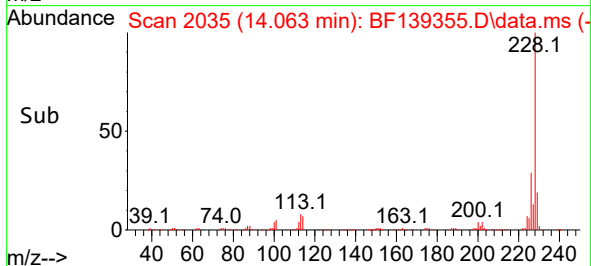
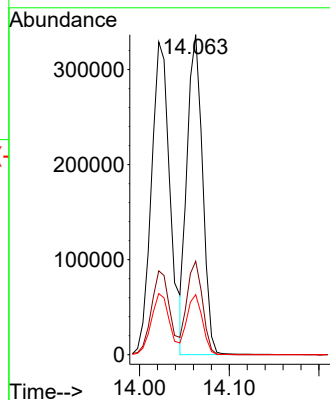
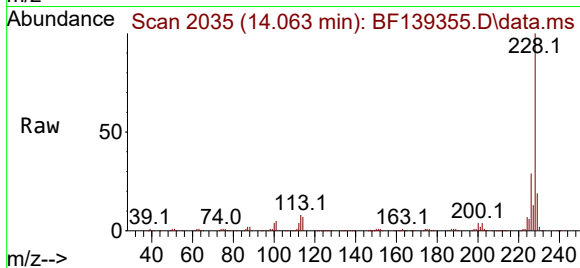
Tgt Ion:228 Resp: 402513

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 18.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.979 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

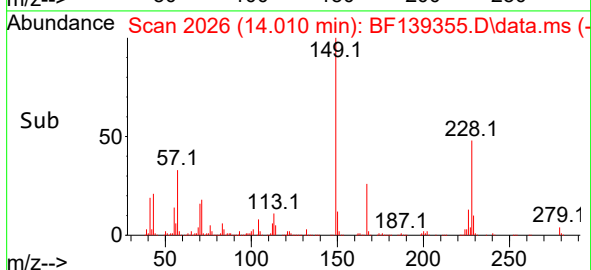
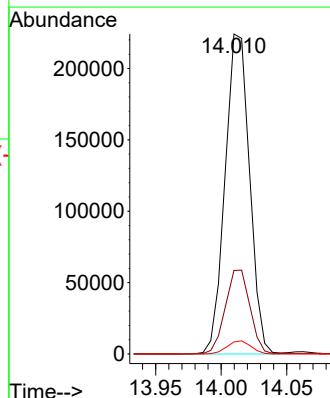
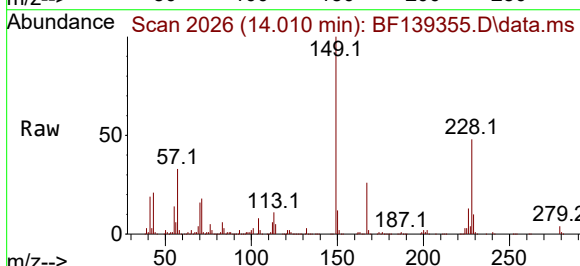
Tgt Ion:149 Resp: 291454

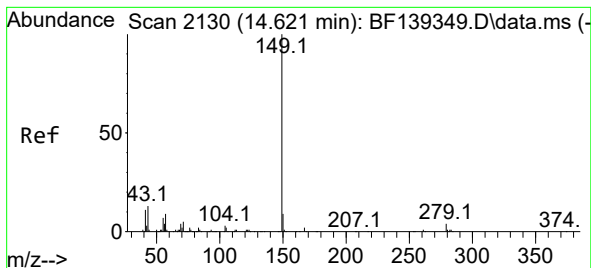
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 57.763 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

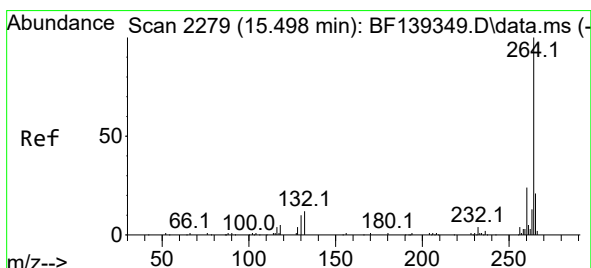
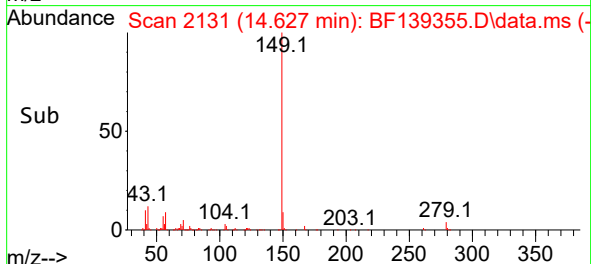
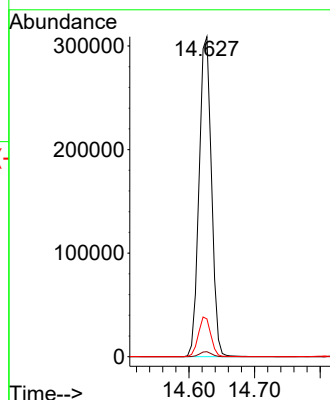
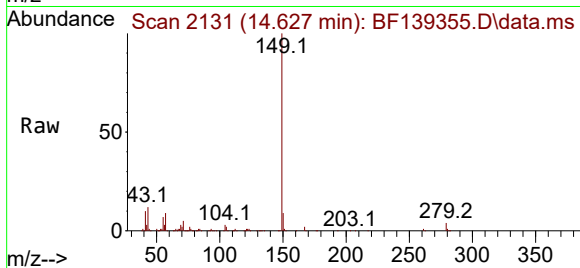
Tgt Ion:149 Resp: 406591

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.5 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

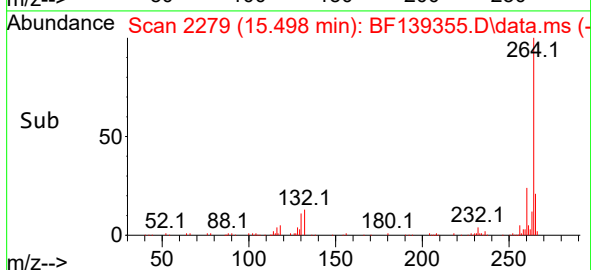
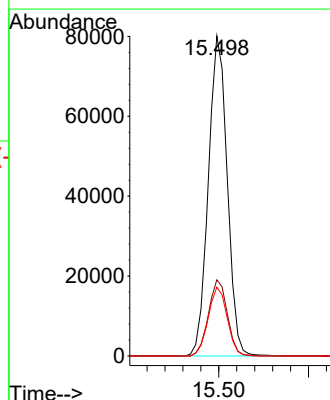
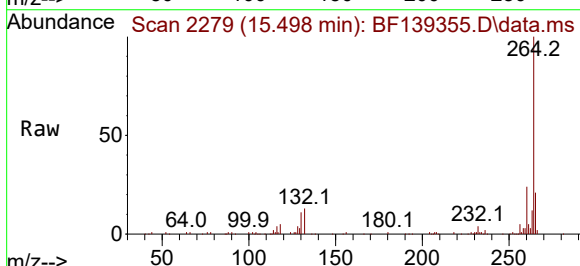
Tgt Ion:264 Resp: 117068

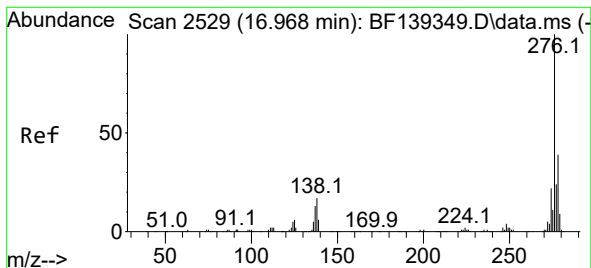
Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.335 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

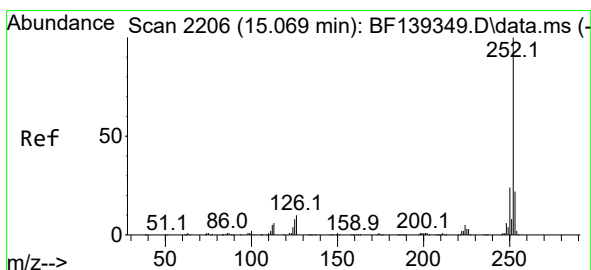
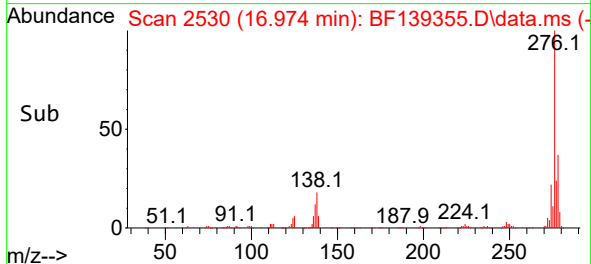
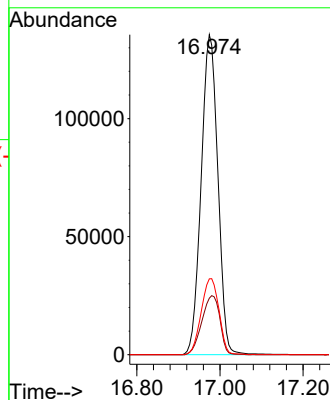
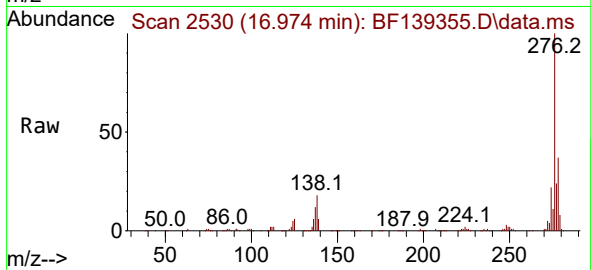
Tgt Ion:276 Resp: 378238

Ion Ratio Lower Upper

276 100

138 19.9 15.4 23.2

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 52.969 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

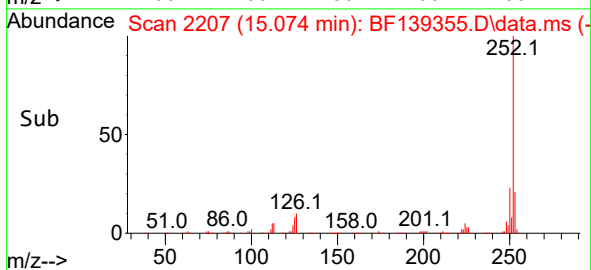
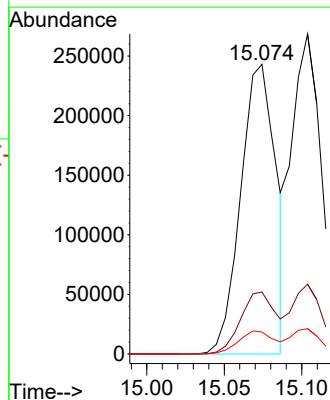
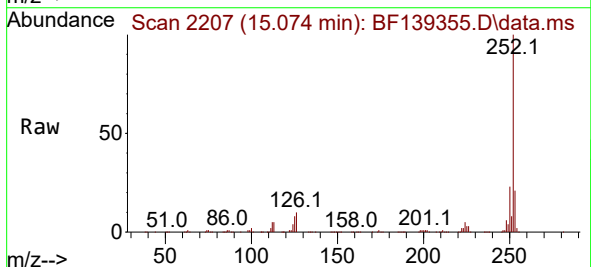
Tgt Ion:252 Resp: 382439

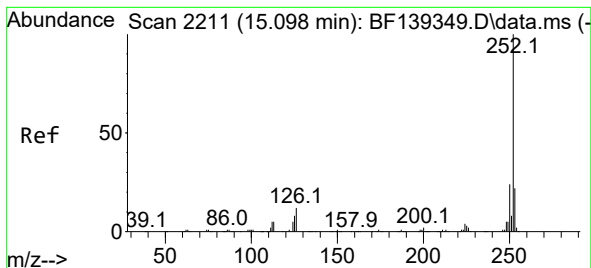
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 7.6 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 53.917 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

Instrument :

BNA_F

ClientSampleId :

SP6630

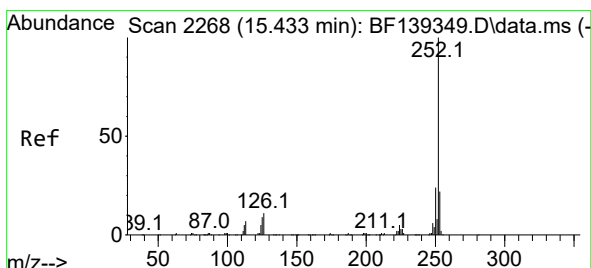
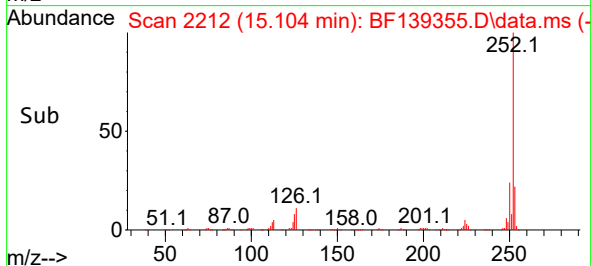
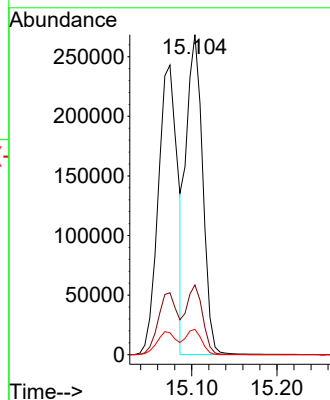
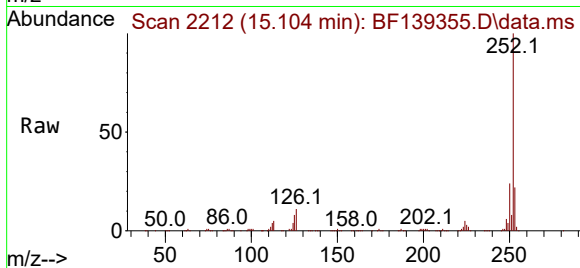
Tgt Ion:252 Resp: 358926

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.9 5.9 8.9



#90

Benzo(a)pyrene

Concen: 58.159 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139355.D

Acq: 13 Sep 2024 21:38

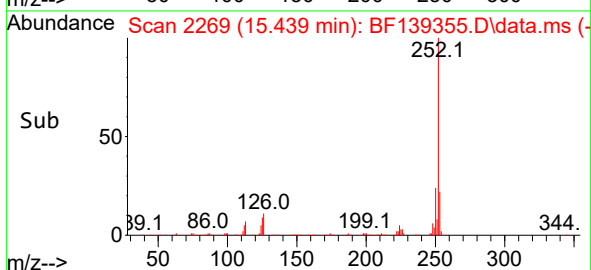
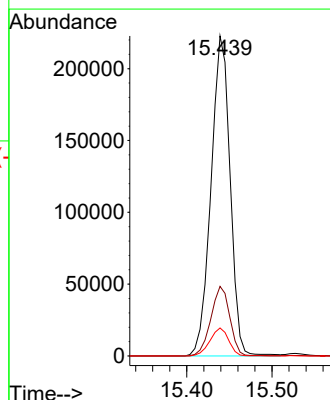
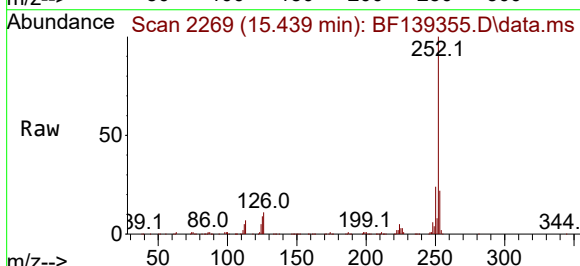
Tgt Ion:252 Resp: 348251

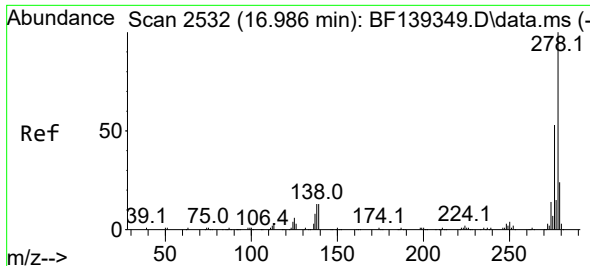
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.8 6.8 10.2

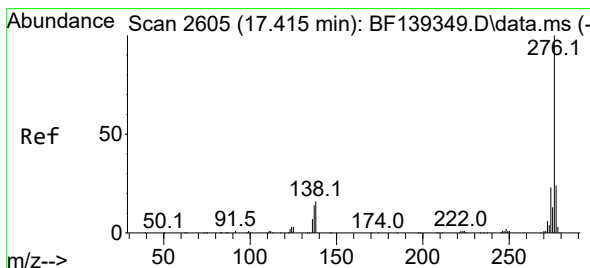
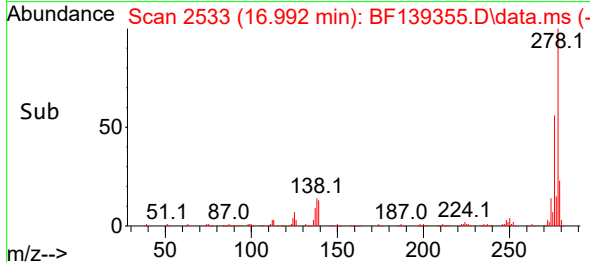
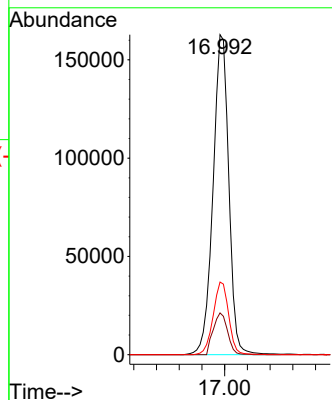
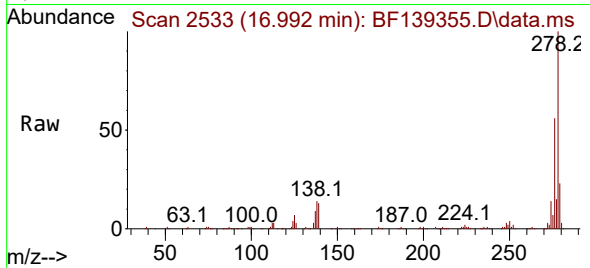




#91
Dibenzo(a,h)anthracene
Concen: 54.424 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Instrument :
BNA_F
ClientSampleId :
SP6630

Tgt Ion:278 Resp: 313057
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 22.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.305 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139355.D
Acq: 13 Sep 2024 21:38

Tgt Ion:276 Resp: 269420
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 16.2 13.0 19.6

