

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139958.D
 Acq On : 23 Oct 2024 12:10
 Operator : RC/JU
 Sample : PB164216BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS

Quant Time: Oct 23 12:30:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	153415	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	597946	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337040	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608398	20.000	ng	0.00
76) Chrysene-d12	14.057	240	308469	20.000	ng	0.00
86) Perylene-d12	15.533	264	334273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1264034	128.985	ng	0.02
7) Phenol-d6	6.516	99	1621075	127.721	ng	0.00
23) Nitrobenzene-d5	7.451	82	1053662	97.664	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502741	159.470	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1900684	93.201	ng	0.00
79) Terphenyl-d14	12.998	244	1949301	102.971	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	181171	39.651	ng	94
3) Pyridine	3.522	79	482166	42.573	ng	96
4) n-Nitrosodimethylamine	3.475	42	270215	44.407	ng	97
6) Aniline	6.551	93	499742	42.247	ng	98
8) 2-Chlorophenol	6.675	128	506506	50.558	ng	97
9) Benzaldehyde	6.440	77	117443	16.448	ng	97
10) Phenol	6.528	94	641821	49.049	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	478133	47.275	ng	98
12) 1,3-Dichlorobenzene	6.834	146	531241	46.194	ng	99
13) 1,4-Dichlorobenzene	6.910	146	542170	47.188	ng	98
14) 1,2-Dichlorobenzene	7.063	146	519865	48.481	ng	98
15) Benzyl Alcohol	7.028	79	465945	50.046	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	797113	46.221	ng	97
17) 2-Methylphenol	7.140	107	421674	49.361	ng	100
18) Hexachloroethane	7.404	117	193057	47.120	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	362975	47.153	ng	96
20) 3+4-Methylphenols	7.287	107	516161	47.238	ng	93
22) Acetophenone	7.298	105	675126	46.097	ng	98
24) Nitrobenzene	7.469	77	549083	46.420	ng	100
25) Isophorone	7.710	82	1000685	48.869	ng	99
26) 2-Nitrophenol	7.787	139	259205	58.087	ng	97
27) 2,4-Dimethylphenol	7.822	122	424427	57.040	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	590468	47.594	ng	100
29) 2,4-Dichlorophenol	8.022	162	421980	49.790	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	435374	46.425	ng	99
31) Naphthalene	8.192	128	1466211	47.545	ng	100
32) Benzoic acid	7.934	122	329465	50.766	ng	95
33) 4-Chloroaniline	8.240	127	221509	21.065	ng	97
34) Hexachlorobutadiene	8.310	225	281356	47.750	ng	98
35) Caprolactam	8.610	113	89572	33.238	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	470764	50.164	ng	98
37) 2-Methylnaphthalene	8.887	142	922565	48.847	ng	100
38) 1-Methylnaphthalene	8.987	142	860620	46.445	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	430680	47.365	ng	99
41) Hexachlorocyclopentadiene	9.039	237	574012	181.428	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	337138	52.370	ng	99

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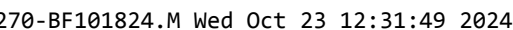
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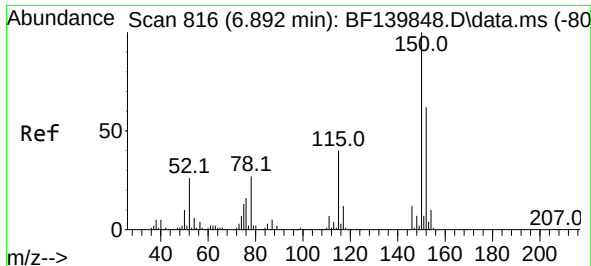
Quant Time: Oct 23 12:30:59 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	334456	50.356	ng	99
46) 1,1'-Biphenyl	9.351	154	1117358	47.622	ng	100
47) 2-Chloronaphthalene	9.375	162	895035	47.363	ng	99
48) 2-Nitroaniline	9.469	65	314462	54.409	ng	93
49) Acenaphthylene	9.792	152	1404091	51.394	ng	100
50) Dimethylphthalate	9.651	163	1062096	50.592	ng	100
51) 2,6-Dinitrotoluene	9.710	165	241204	53.064	ng	97
52) Acenaphthene	9.963	154	976906	55.276	ng	99
53) 3-Nitroaniline	9.875	138	147516	31.470	ng	98
54) 2,4-Dinitrophenol	9.986	184	262852	134.351	ng	# 1
55) Dibenzofuran	10.139	168	1239585	48.886	ng	98
56) 4-Nitrophenol	10.034	139	400046	110.928	ng	99
57) 2,4-Dinitrotoluene	10.116	165	321890	57.585	ng	98
58) Fluorene	10.481	166	934230	48.373	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	287032	55.127	ng	96
60) Diethylphthalate	10.351	149	1039354	50.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	475448	48.748	ng	99
62) 4-Nitroaniline	10.498	138	240421	54.305	ng	96
63) Azobenzene	10.634	77	1051460	48.116	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	176303	71.043	ng	92
66) n-Nitrosodiphenylamine	10.592	169	882234	48.450	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313535	50.024	ng	95
68) Hexachlorobenzene	11.028	284	351750	49.901	ng	96
69) Atrazine	11.116	200	292228	59.244	ng	99
70) Pentachlorophenol	11.216	266	438311	102.455	ng	99
71) Phenanthrene	11.445	178	1407707	48.984	ng	100
72) Anthracene	11.492	178	1449181	51.684	ng	100
73) Carbazole	11.645	167	1248438	47.875	ng	100
74) Di-n-butylphthalate	11.975	149	1492403	49.535	ng	100
75) Fluoranthene	12.628	202	1376242	47.372	ng	99
77) Benzidine	12.745	184	325609	64.194	ng	99
78) Pyrene	12.857	202	1386136	51.336	ng	100
80) Butylbenzylphthalate	13.475	149	451043	55.718	ng	98
81) Benzo(a)anthracene	14.045	228	1034491	51.518	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	210956	36.032	ng	98
83) Chrysene	14.080	228	957996	52.033	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	529584	58.310	ng	99
85) Di-n-octyl phthalate	14.645	149	926010	56.056	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1214317	56.468	ng	98
88) Benzo(b)fluoranthene	15.098	252	1026661	50.419	ng	100
89) Benzo(k)fluoranthene	15.127	252	858812	48.905	ng	100
90) Benzo(a)pyrene	15.474	252	917068	54.734	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	991507	55.269	ng	99
92) Benzo(g,h,i)perylene	17.492	276	931568	51.987	ng	98

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

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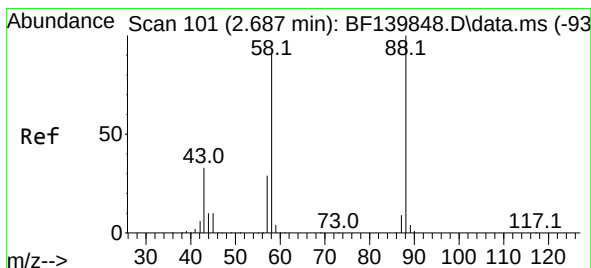
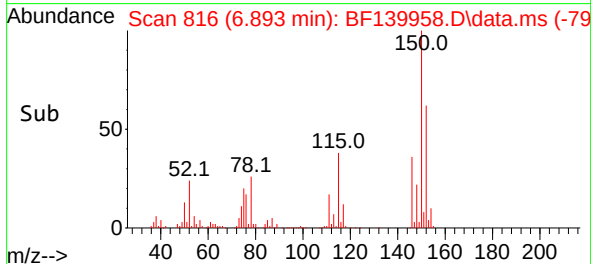
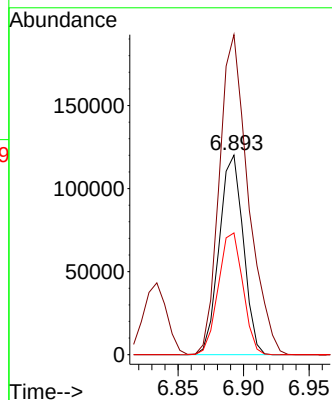
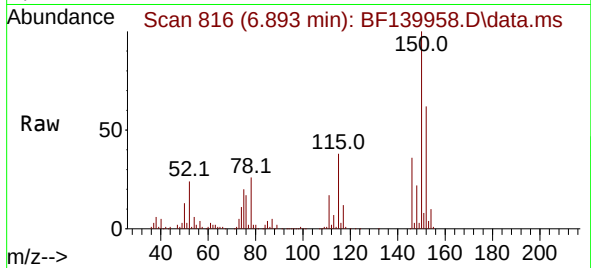




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

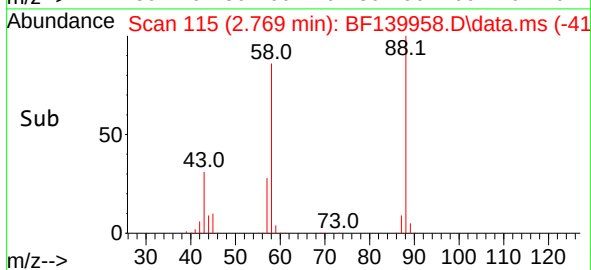
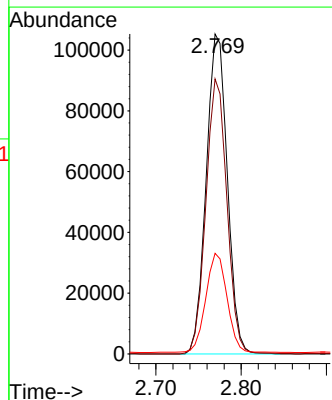
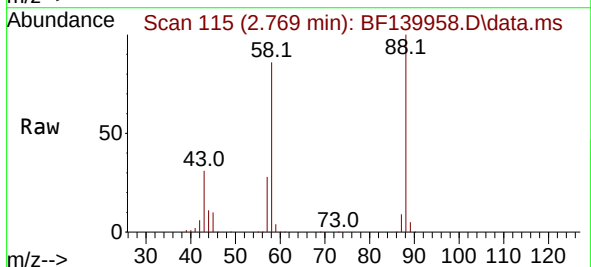
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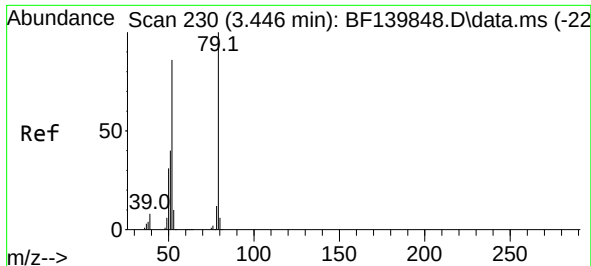
Tgt Ion:152 Resp: 153415
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.2
115 61.1 51.4 77.2



#2
1,4-Dioxane
Concen: 39.651 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 88 Resp: 181171
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 31.5 27.1 40.7





#3

Pyridine

Concen: 42.573 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.077 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

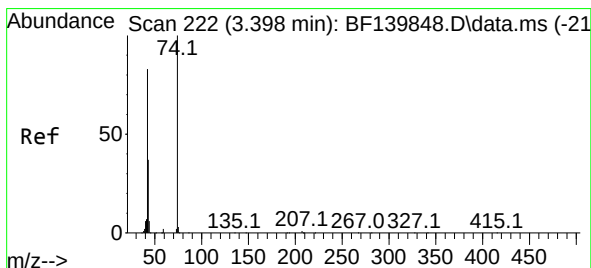
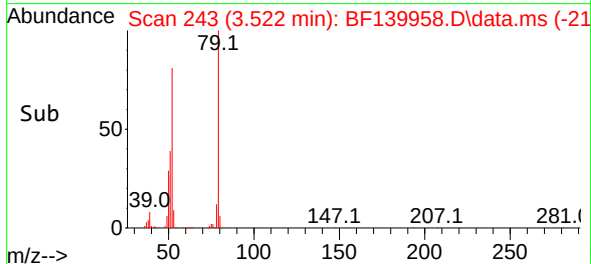
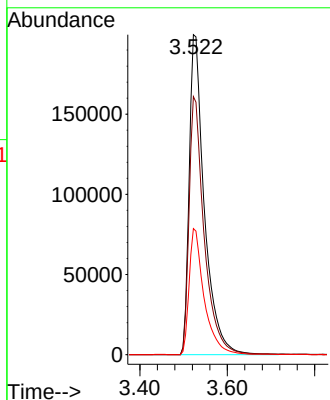
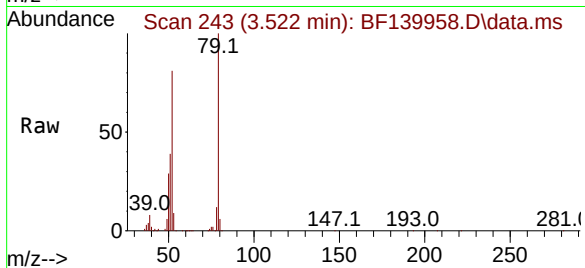
Tgt Ion: 79 Resp: 482166

Ion Ratio Lower Upper

79 100

52 80.6 68.5 102.7

51 39.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 44.407 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

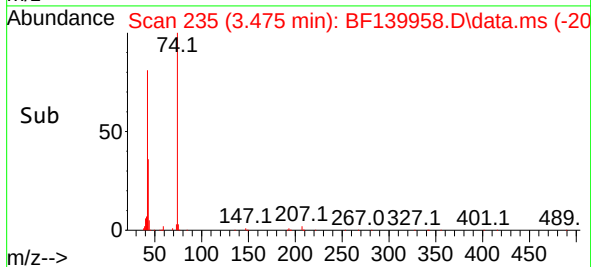
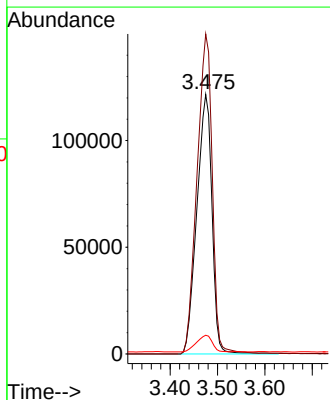
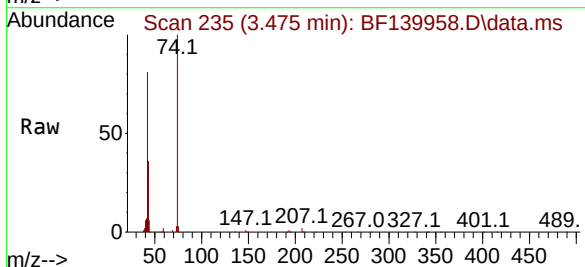
Tgt Ion: 42 Resp: 270215

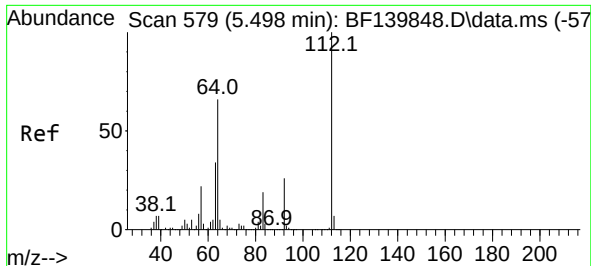
Ion Ratio Lower Upper

42 100

74 123.3 96.2 144.4

44 7.2 6.2 9.2

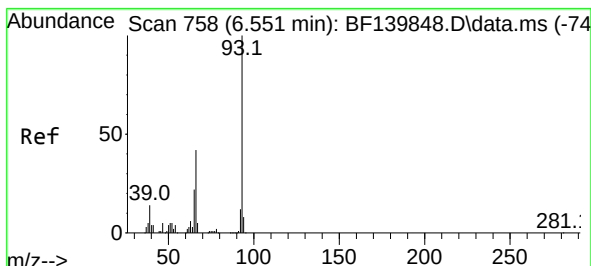
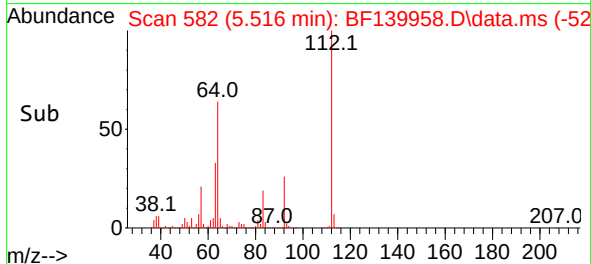
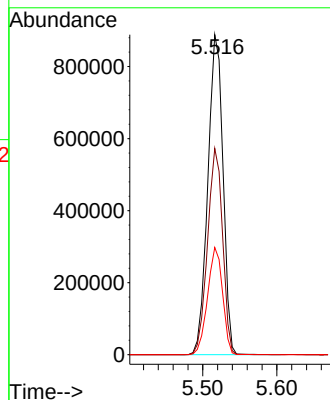
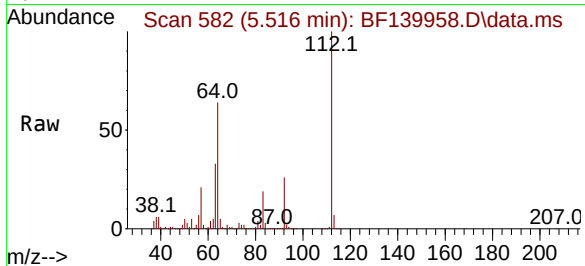




#5
2-Fluorophenol
Concen: 128.985 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

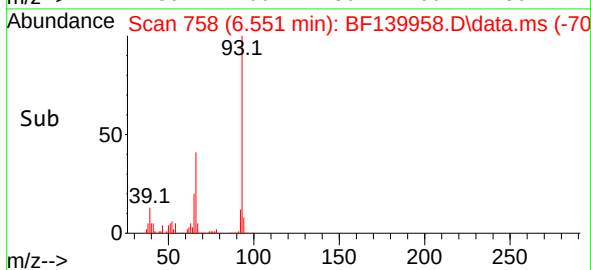
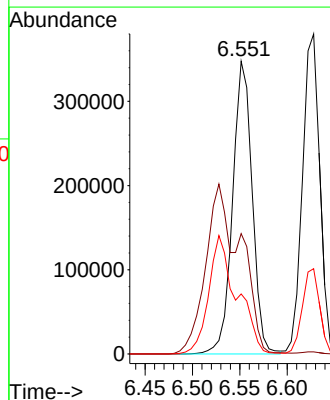
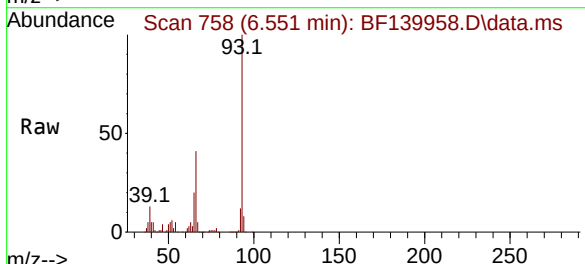
Instrument :
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ClientSampleId :
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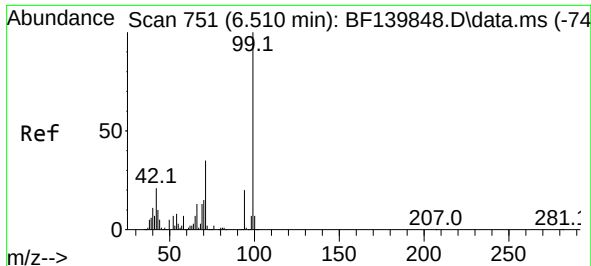
Tgt Ion:112 Resp: 1264034
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.5 27.0 40.4



#6
Aniline
Concen: 42.247 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 93 Resp: 499742
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 20.5 17.4 26.0



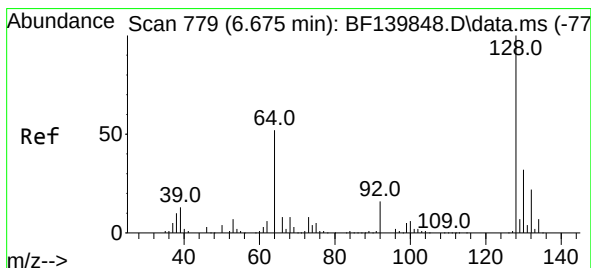
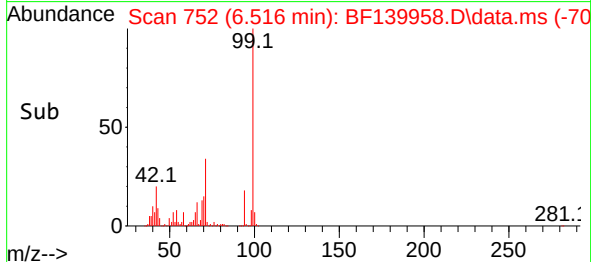
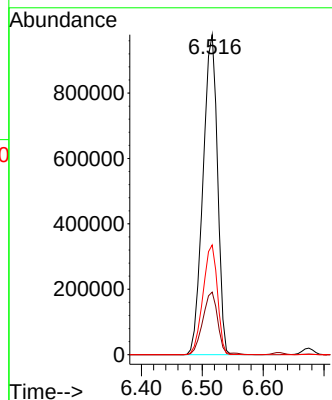
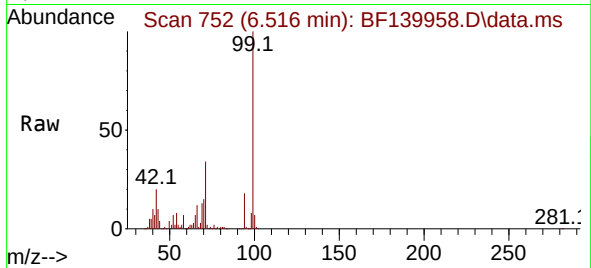


#7
Phenol-d6
Concen: 127.721 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion: 99 Resp: 1621075

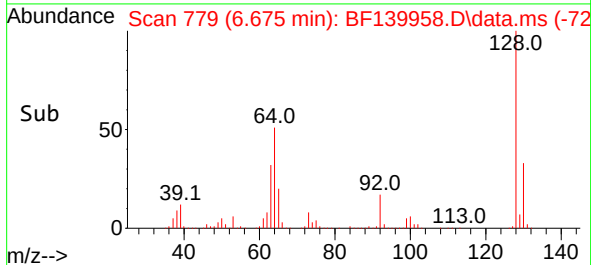
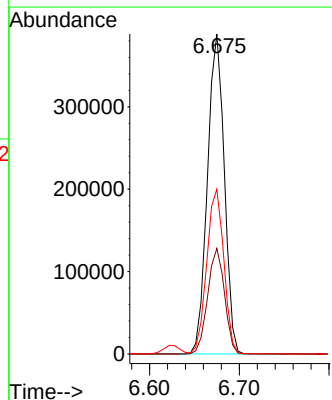
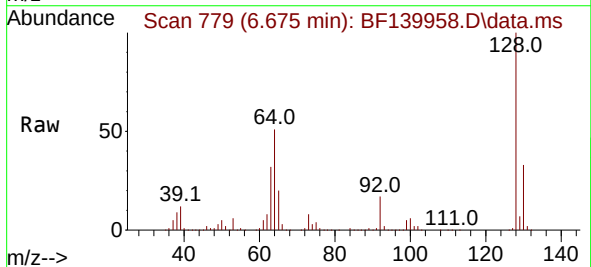
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	34.3	27.7	41.5

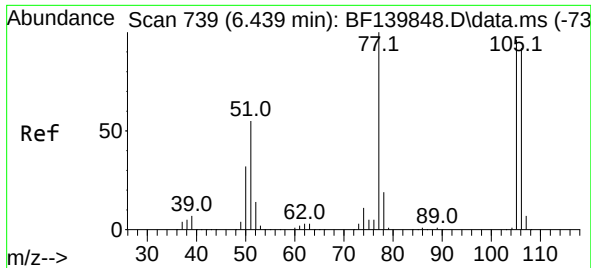


#8
2-Chlorophenol
Concen: 50.558 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 128 Resp: 506506

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	51.5	34.6	74.6

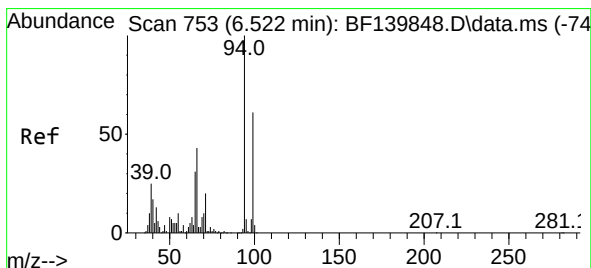
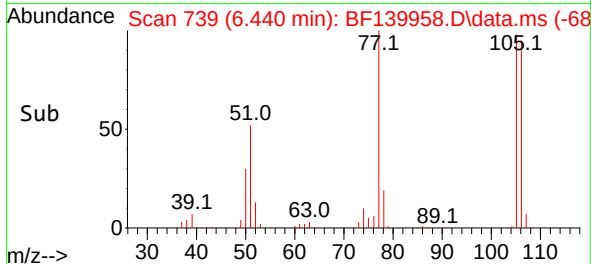
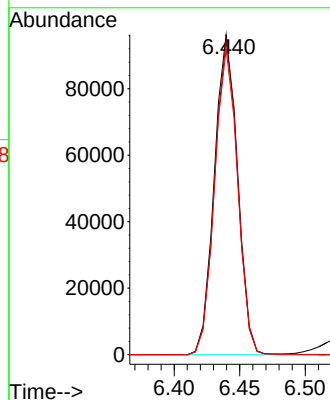
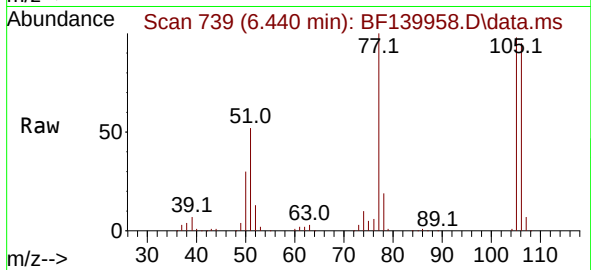




#9
Benzaldehyde
Concen: 16.448 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

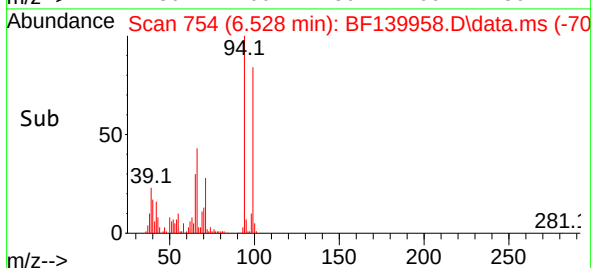
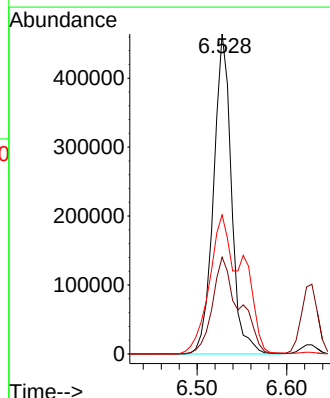
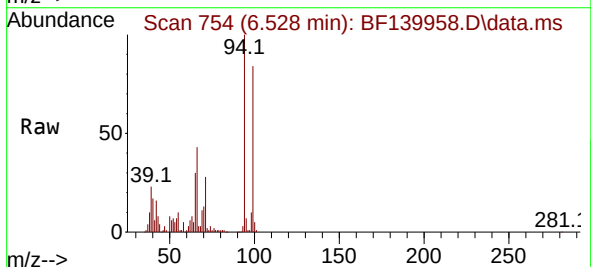
Instrument :
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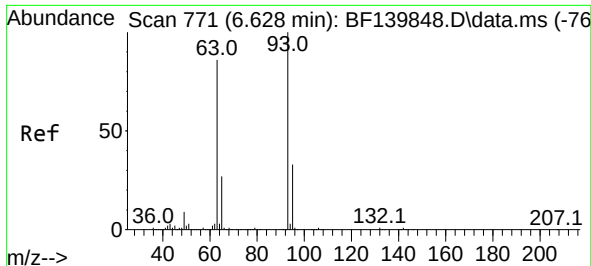
Tgt Ion: 77 Resp: 117443
Ion Ratio Lower Upper
77 100
105 98.1 75.5 115.5
106 95.5 71.7 111.7



#10
Phenol
Concen: 49.049 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 94 Resp: 641821
Ion Ratio Lower Upper
94 100
65 30.3 11.1 51.1
66 43.5 22.7 62.7



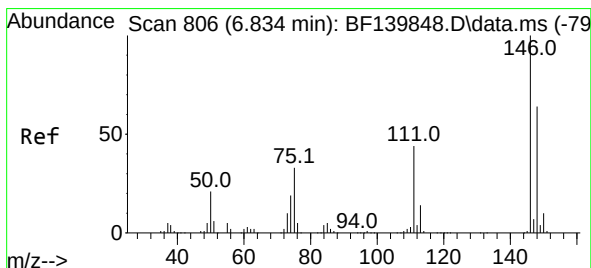
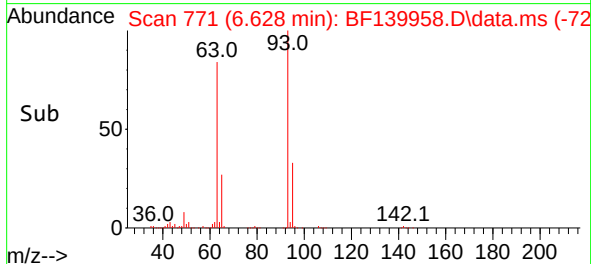
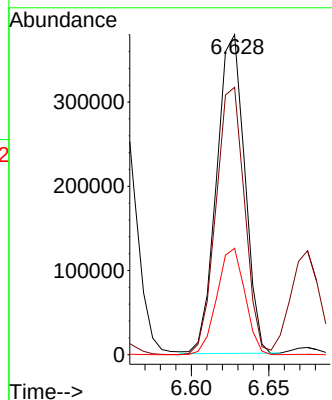
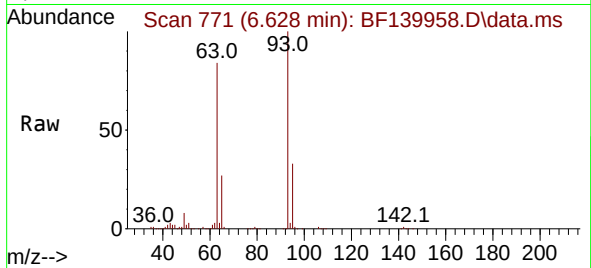


#11
bis(2-Chloroethyl)ether
Concen: 47.275 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion: 93 Resp: 478133

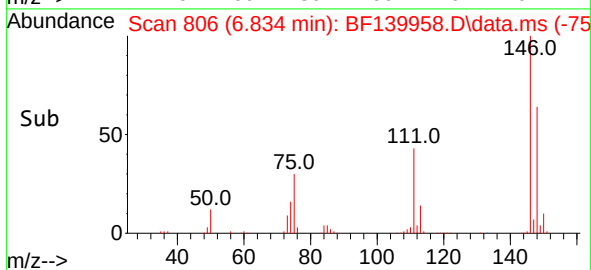
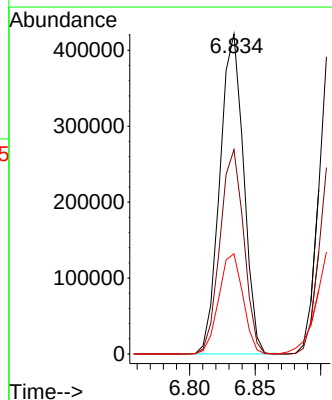
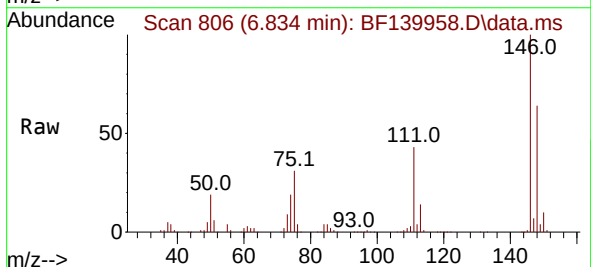
Ion	Ratio	Lower	Upper
93	100		
63	83.6	65.0	105.0
95	33.2	12.4	52.4

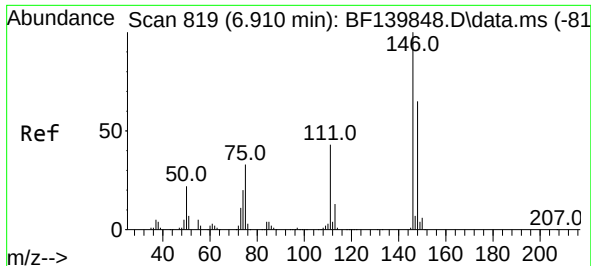


#12
1,3-Dichlorobenzene
Concen: 46.194 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 146 Resp: 531241

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	31.3	26.4	39.6

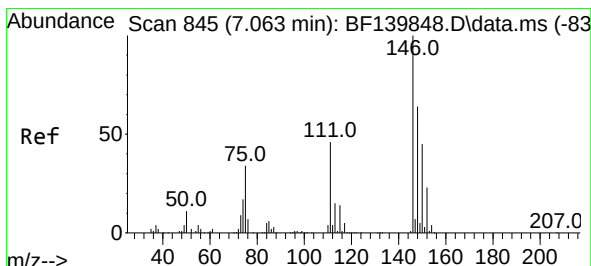
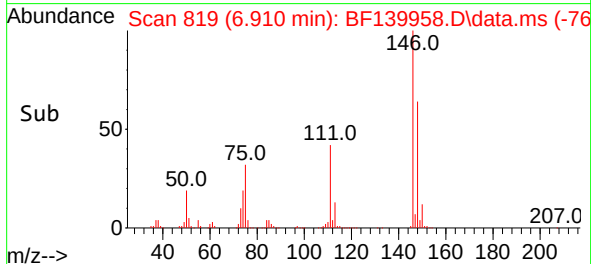
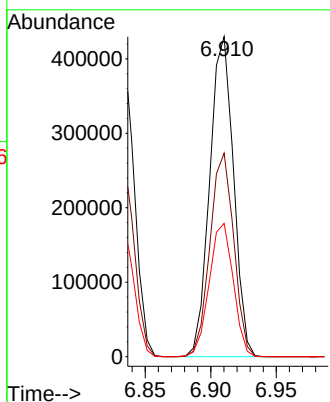
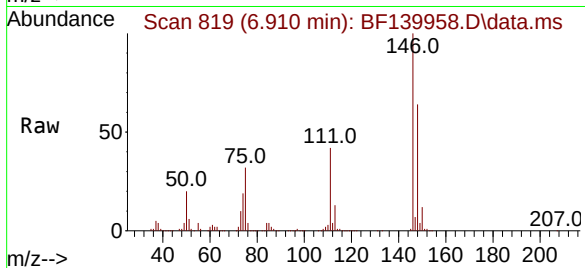




#13
1,4-Dichlorobenzene
Concen: 47.188 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

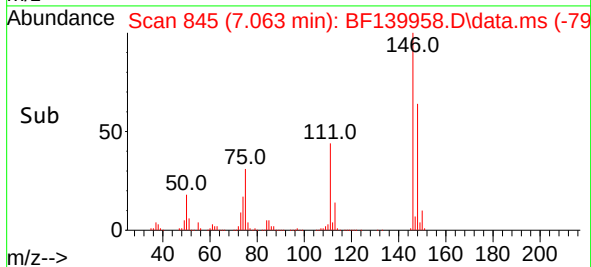
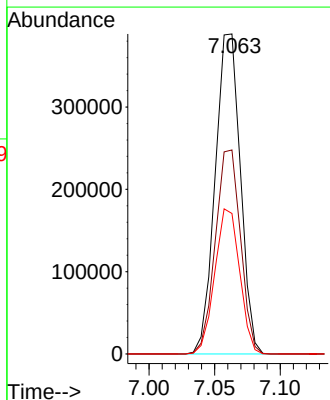
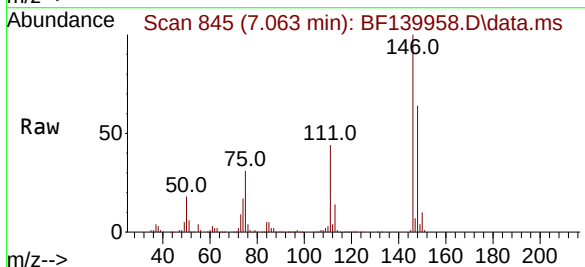
Instrument :
BNA_F
ClientSampleId :
PB164216BS

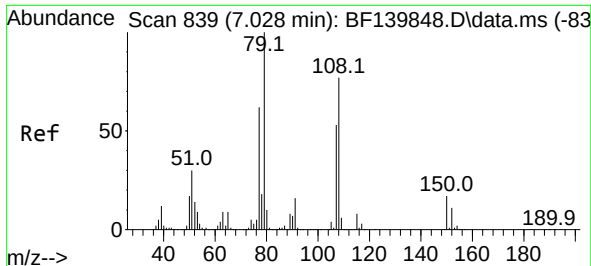
Tgt Ion:146 Resp: 542170
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 41.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.481 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:146 Resp: 519865
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.9 36.7 55.1

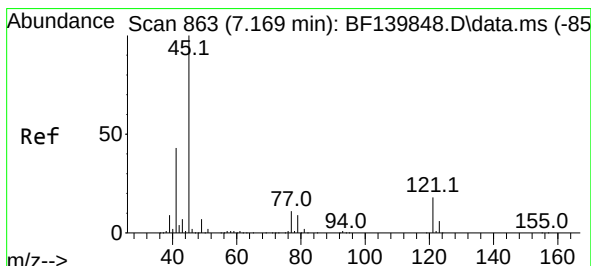
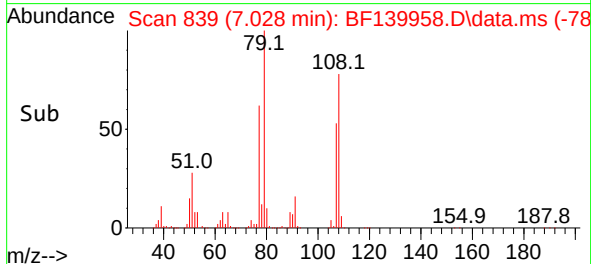
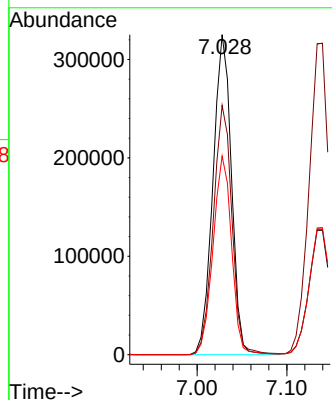
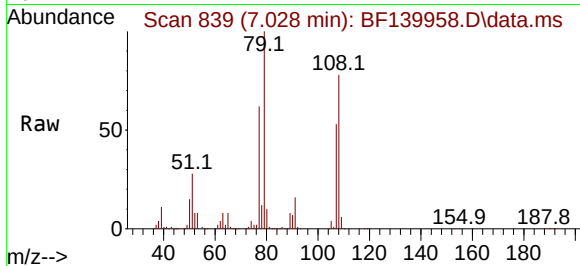




#15
Benzyl Alcohol
Concen: 50.046 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

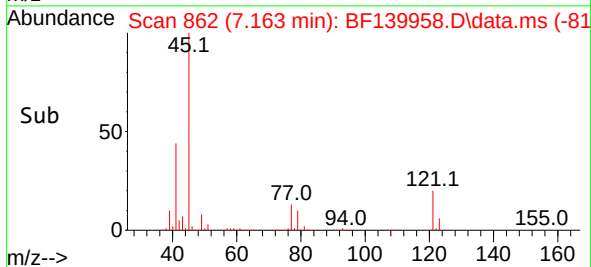
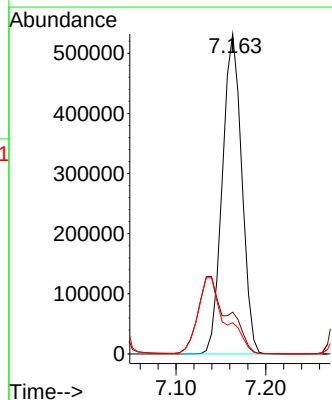
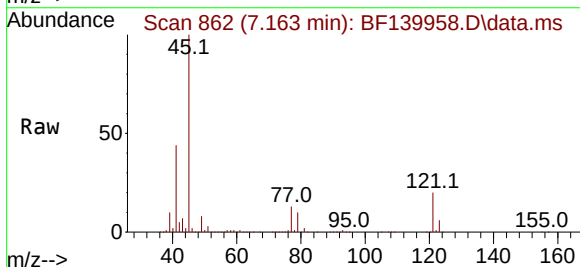
Instrument :
BNA_F
ClientSampleId :
PB164216BS

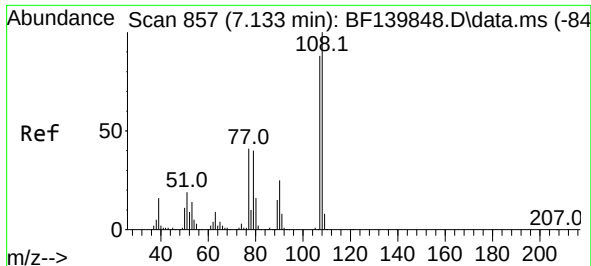
Tgt Ion: 79 Resp: 465945
Ion Ratio Lower Upper
79 100
108 77.9 61.4 92.0
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.221 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 45 Resp: 797113
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1



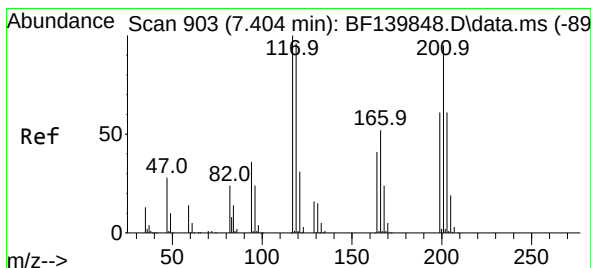
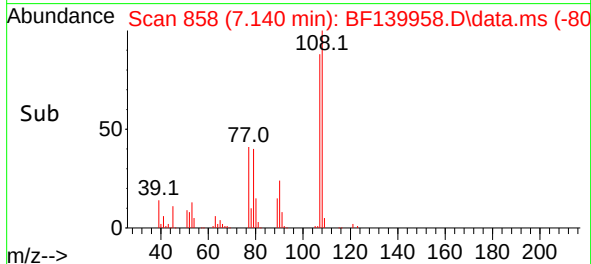
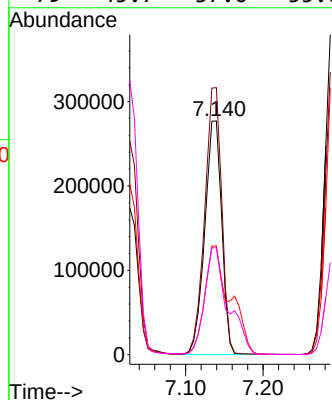
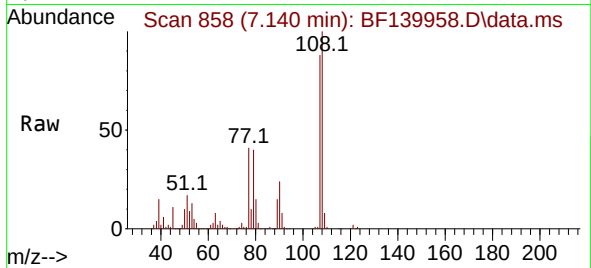


#17
2-Methylphenol
Concen: 49.361 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion:107 Resp: 421674

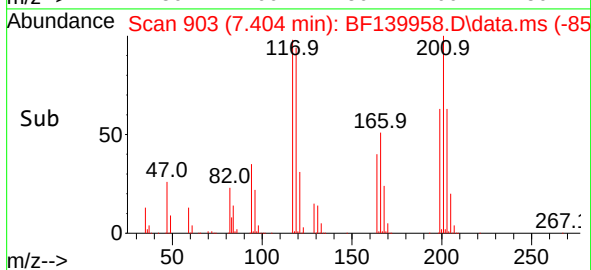
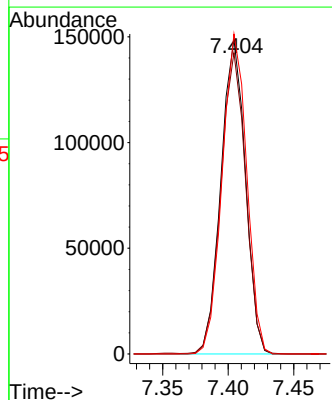
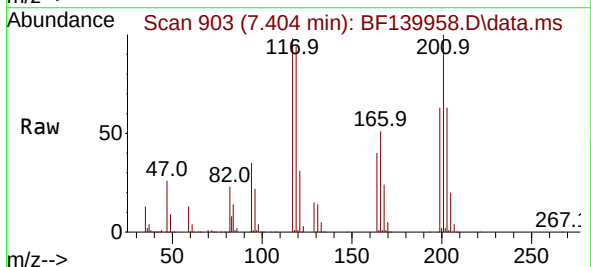
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.3	136.9
77	46.6	37.1	55.7
79	45.7	37.0	55.6

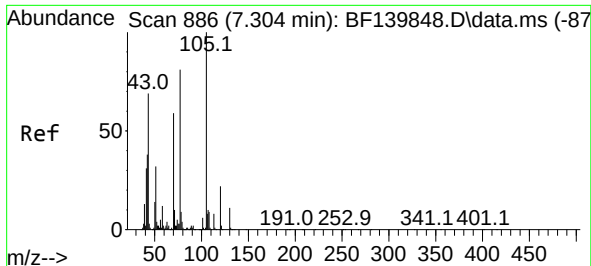


#18
Hexachloroethane
Concen: 47.120 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:117 Resp: 193057

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
201	101.7	76.2	114.4



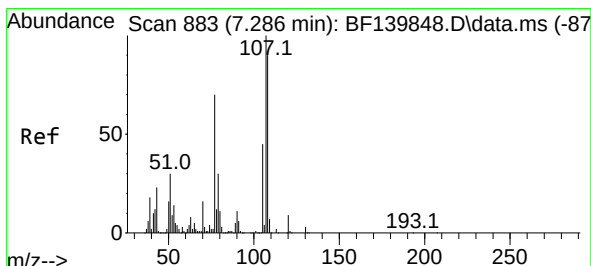
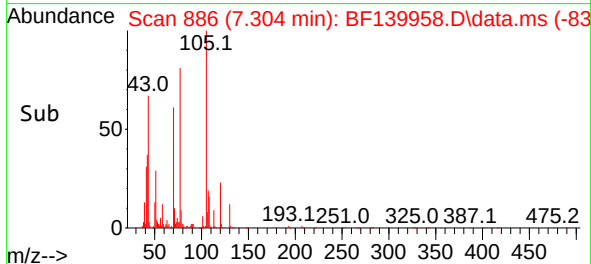
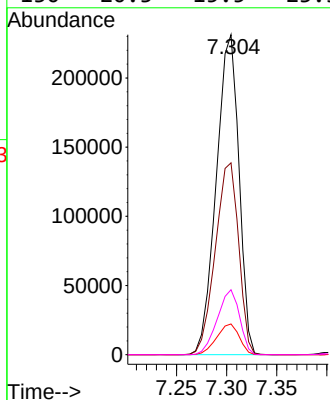
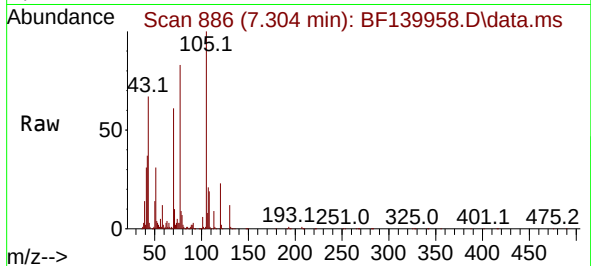


#19
n-Nitroso-di-n-propylamine
Concen: 47.153 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion: 70 Resp: 362975

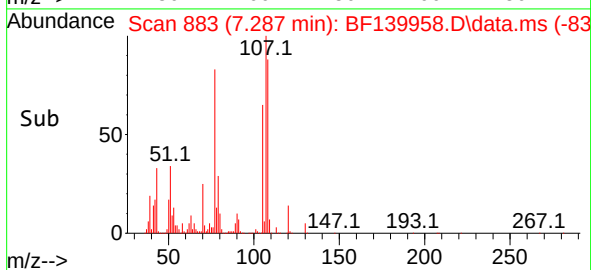
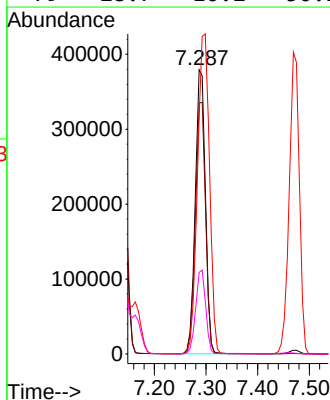
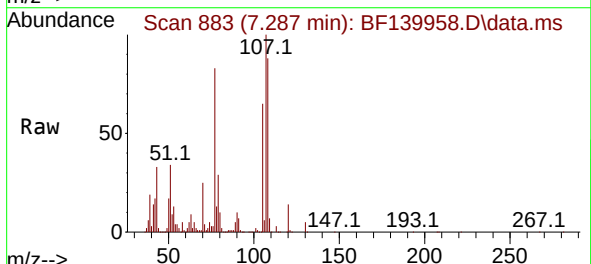
Ion	Ratio	Lower	Upper
70	100		
42	59.9	51.5	77.3
101	9.6	7.5	11.3
130	20.3	15.5	23.3

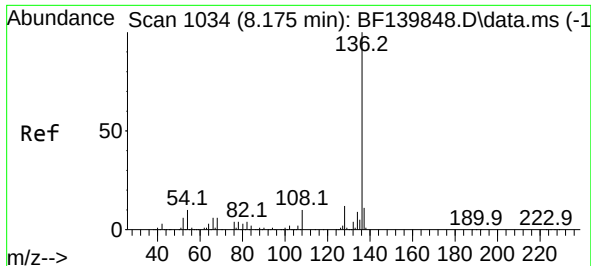


#20
3+4-Methylphenols
Concen: 47.238 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 107 Resp: 516161

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.8	109.8
77	83.5	50.5	90.5
79	28.7	10.2	50.2



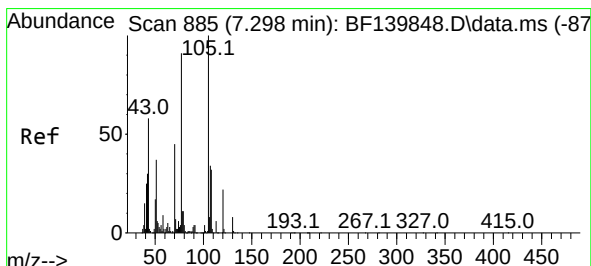
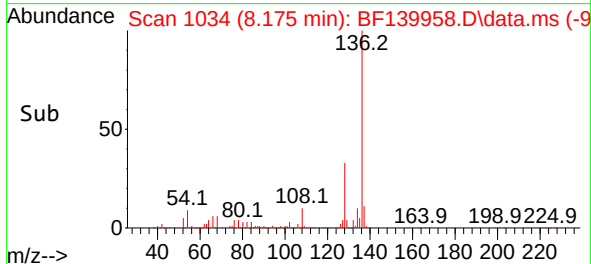
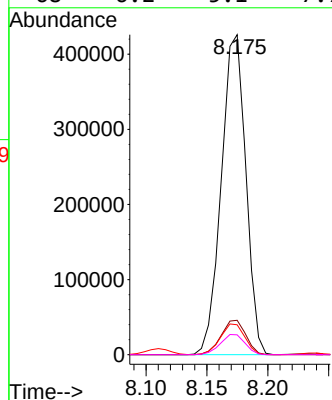
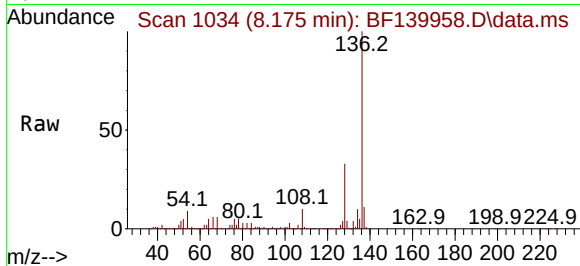


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

Tgt Ion:136 Resp: 597946

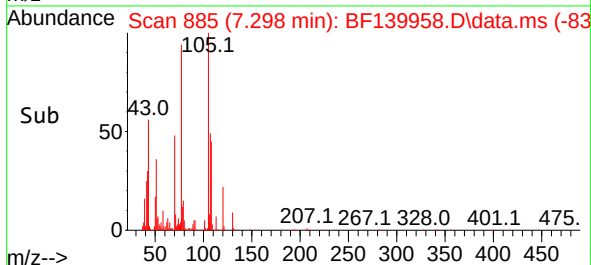
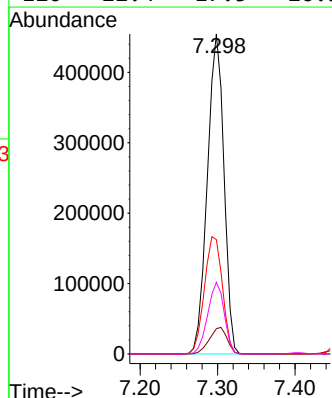
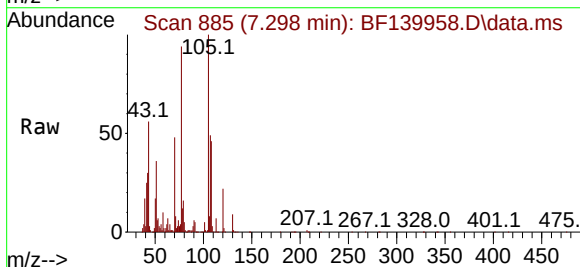
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.3	8.4	12.6
68	6.2	5.1	7.7

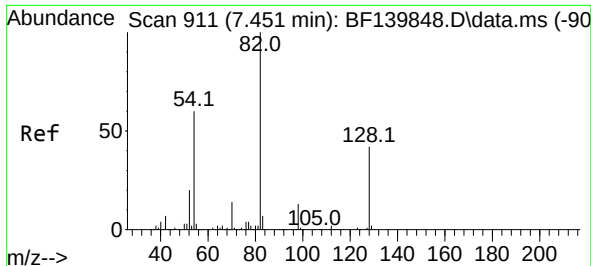


#22
Acetophenone
Concen: 46.097 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:105 Resp: 675126

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	35.7	29.4	44.2
120	22.4	17.5	26.3





#23

Nitrobenzene-d5

Concen: 97.664 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

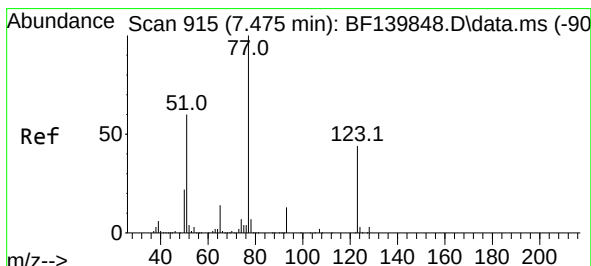
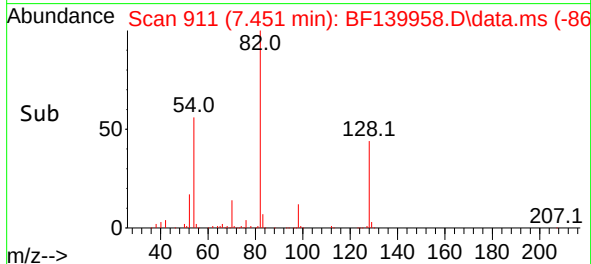
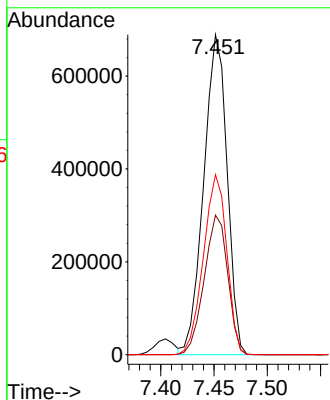
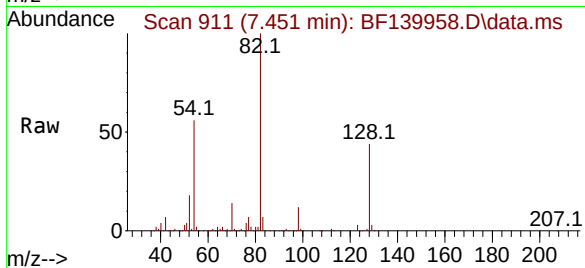
BNA_F

ClientSampleId :

PB164216BS

Tgt Ion: 82 Resp: 1053662

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	56.2	47.8	71.8



#24

Nitrobenzene

Concen: 46.420 ng

RT: 7.469 min Scan# 914

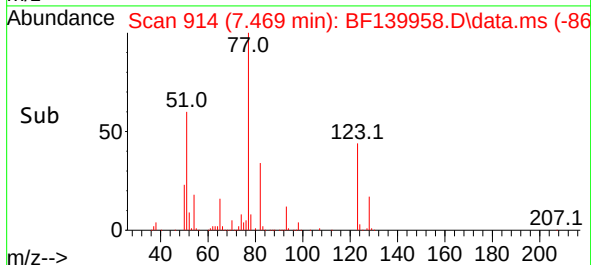
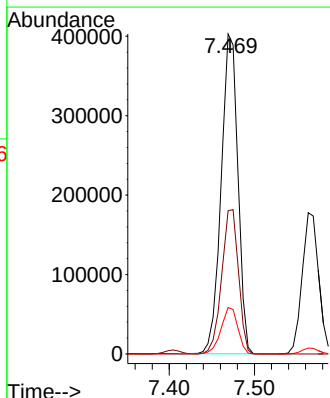
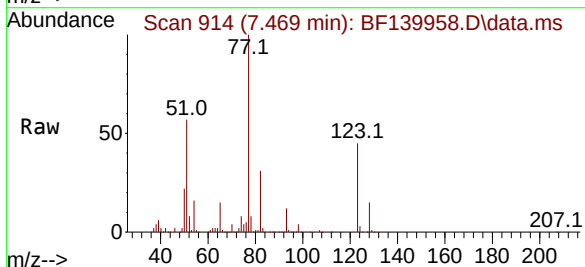
Delta R.T. -0.006 min

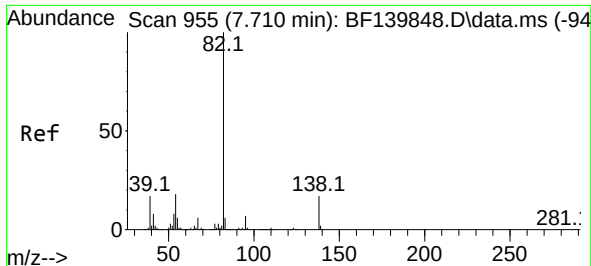
Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion: 77 Resp: 549083

Ion	Ratio	Lower	Upper
77	100		
123	44.7	35.7	53.5
65	14.5	11.5	17.3

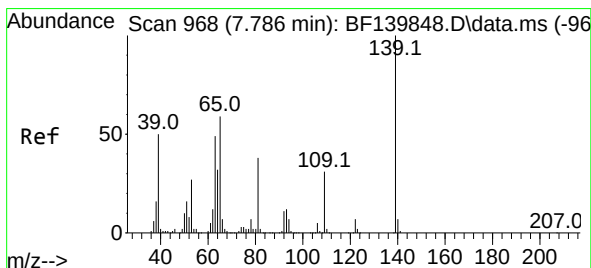
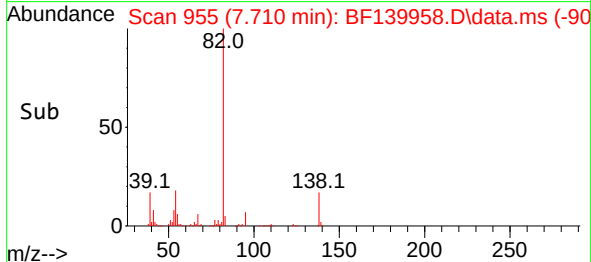
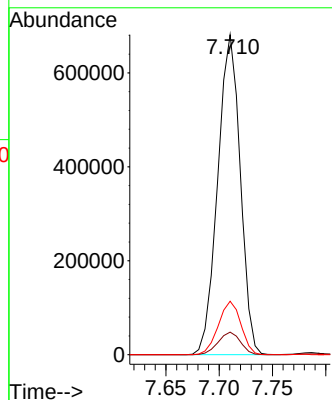
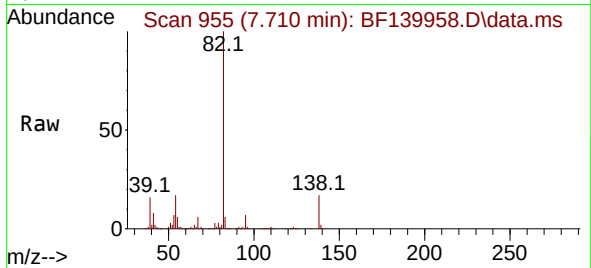




#25
Isophorone
Concen: 48.869 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

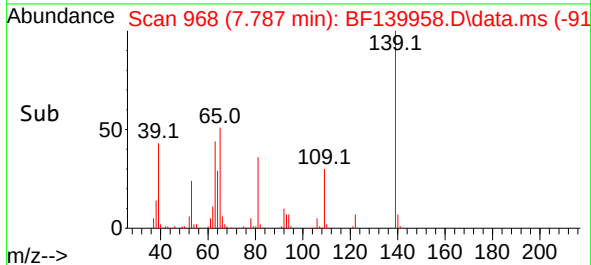
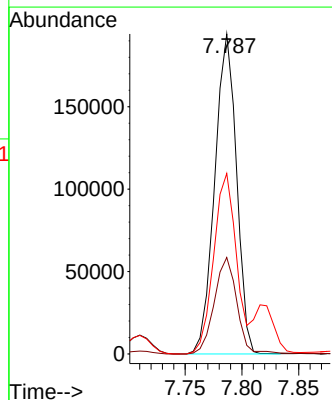
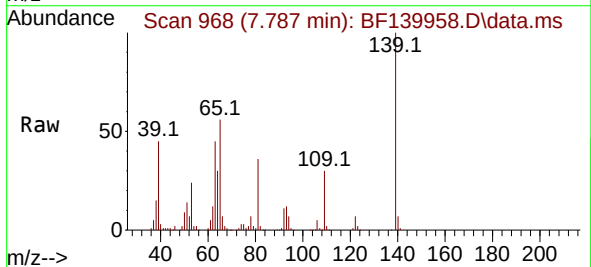
Instrument :
BNA_F
ClientSampleId :
PB164216BS

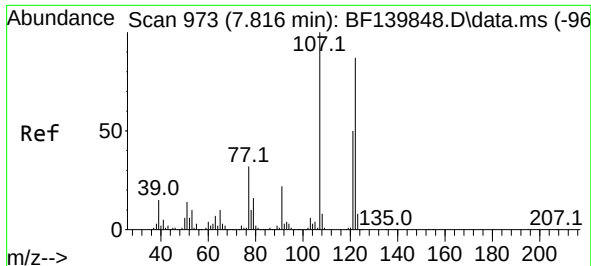
Tgt Ion: 82 Resp: 1000685
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 58.087 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:139 Resp: 259205
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 56.4 47.5 71.3

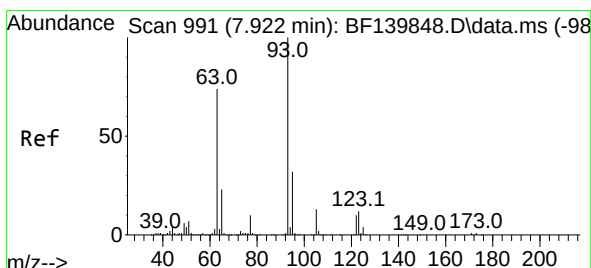
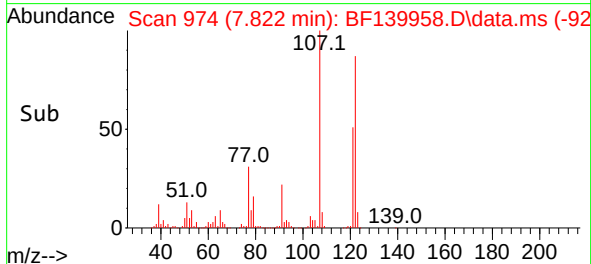
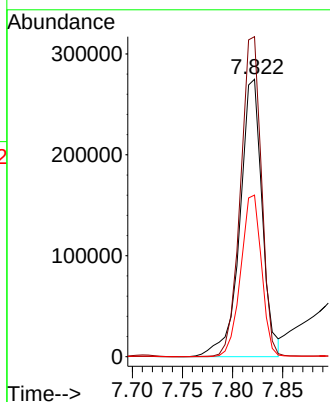
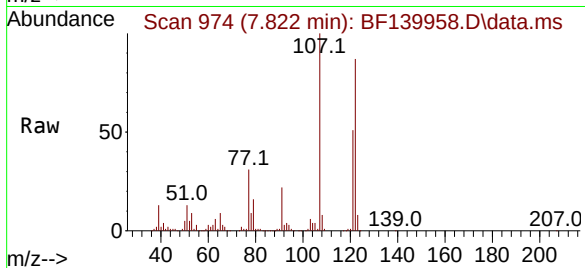




#27
2,4-Dimethylphenol
Concen: 57.040 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

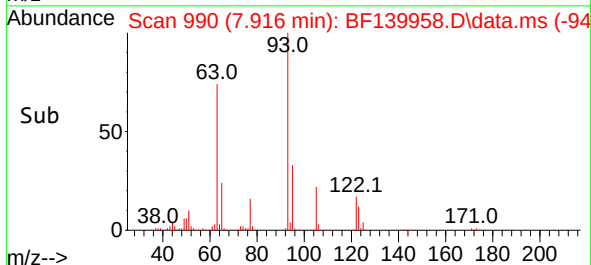
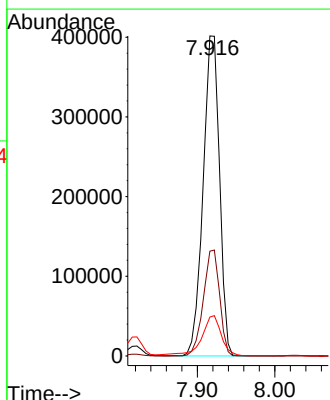
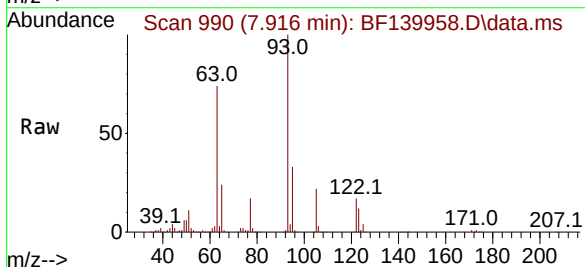
Instrument :
BNA_F
ClientSampleId :
PB164216BS

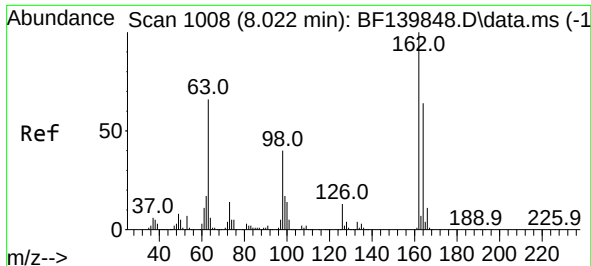
Tgt Ion:122 Resp: 424427
Ion Ratio Lower Upper
122 100
107 115.4 91.9 137.9
121 58.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.594 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 93 Resp: 590468
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 49.790 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

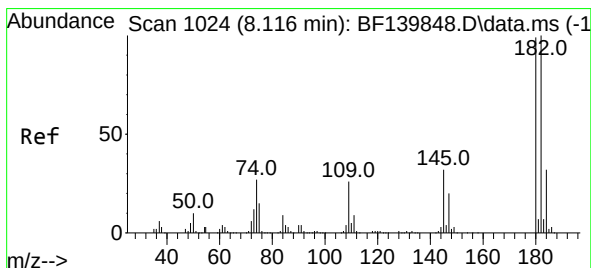
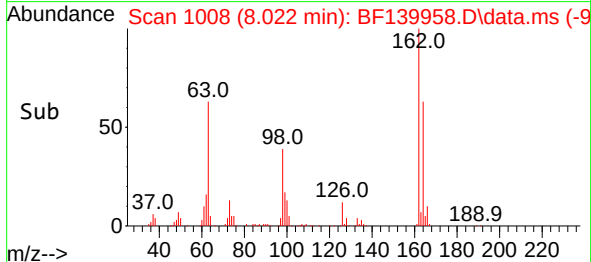
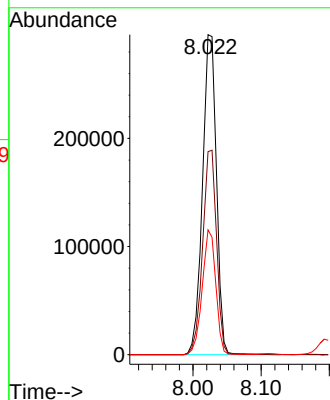
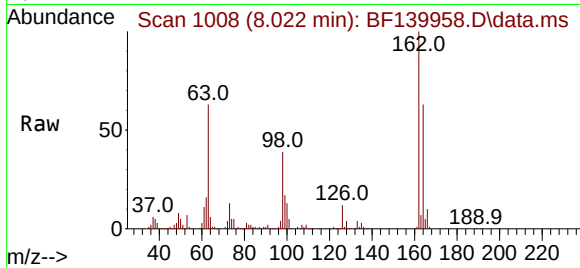
Tgt Ion:162 Resp: 421980

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 39.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 46.425 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

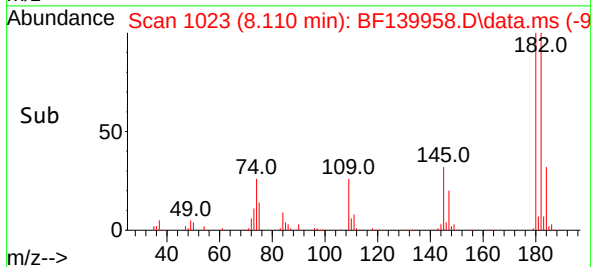
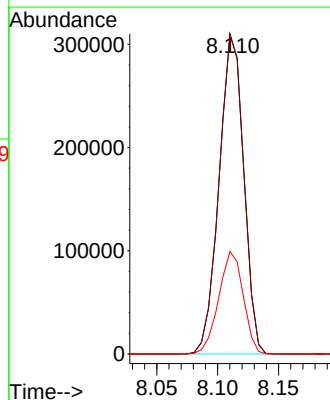
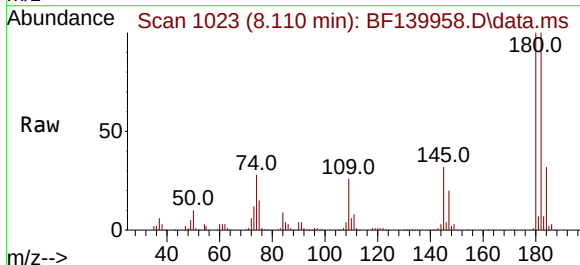
Tgt Ion:180 Resp: 435374

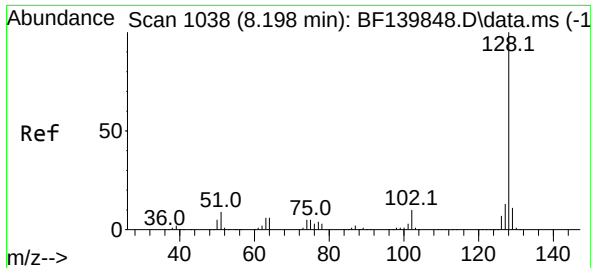
Ion Ratio Lower Upper

180 100

182 99.9 80.5 120.7

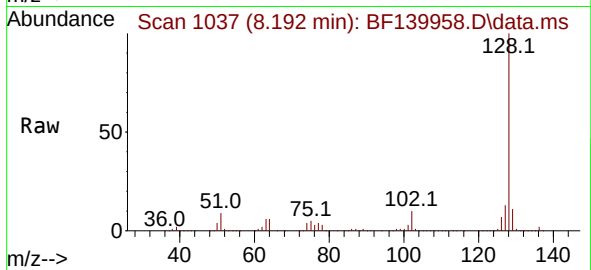
145 32.0 25.4 38.0



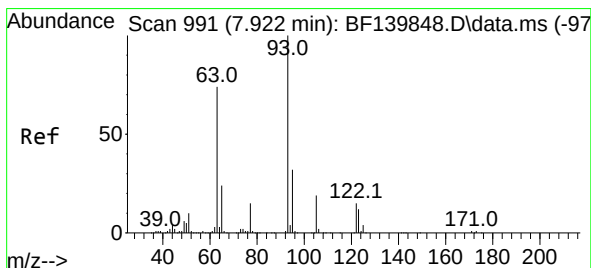
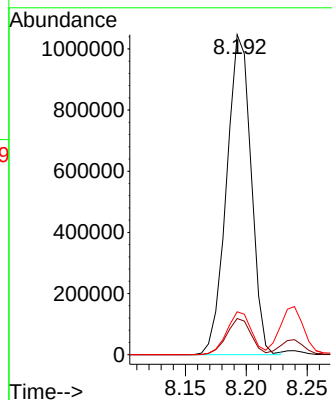
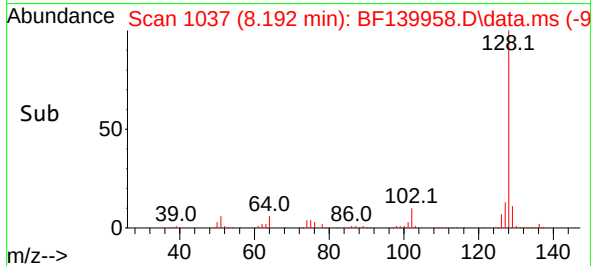


#31
Naphthalene
Concen: 47.545 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

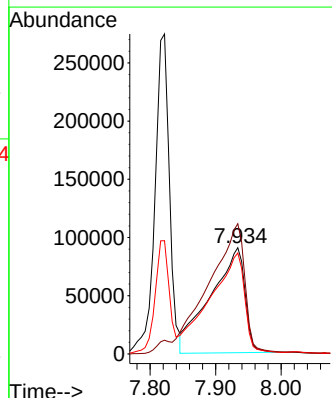
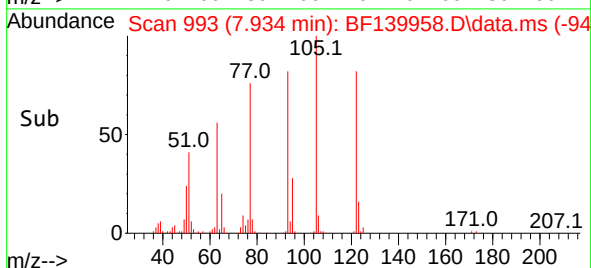
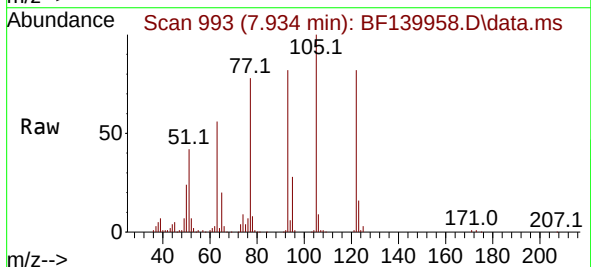


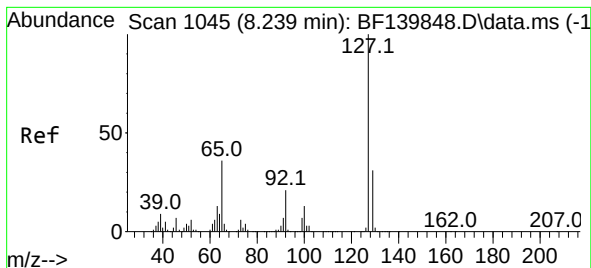
Tgt Ion:128 Resp: 1466211
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 50.766 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:122 Resp: 329465
Ion Ratio Lower Upper
122 100
105 122.5 107.6 147.6
77 95.1 80.2 120.2





#33

4-Chloroaniline

Concen: 21.065 ng

RT: 8.240 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion:127 Resp: 221509

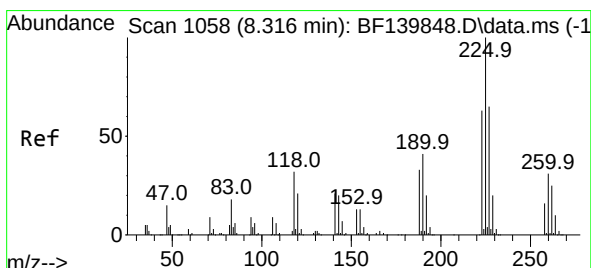
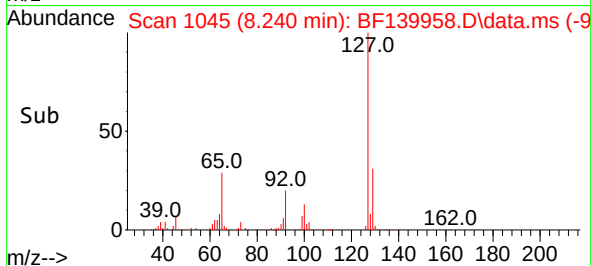
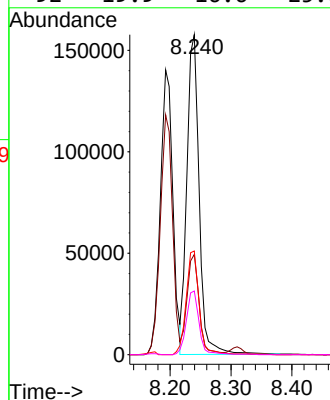
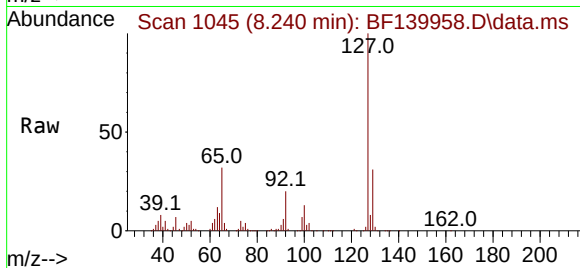
Ion Ratio Lower Upper

127 100

129 31.3 25.4 38.2

65 32.4 28.4 42.6

92 19.9 16.6 25.0



#34

Hexachlorobutadiene

Concen: 47.750 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

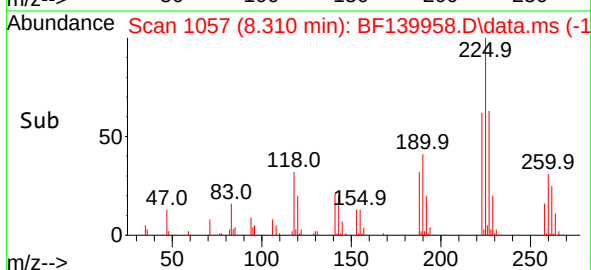
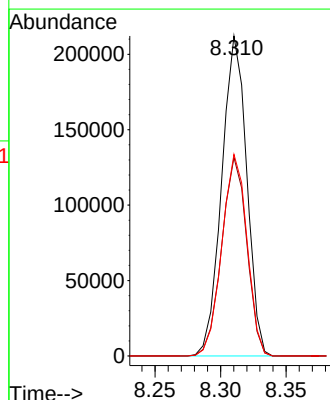
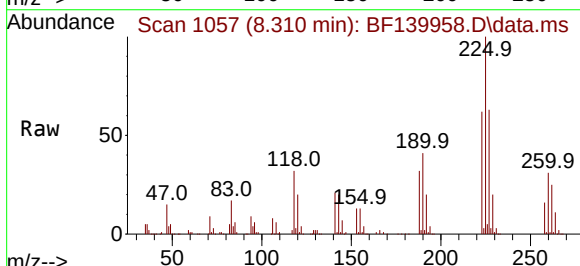
Tgt Ion:225 Resp: 281356

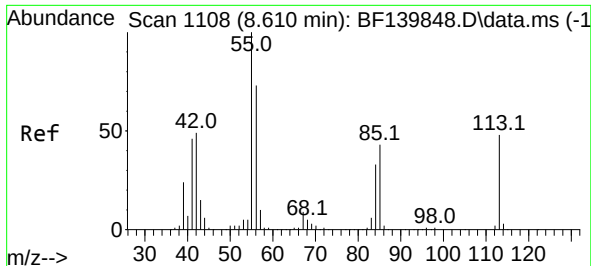
Ion Ratio Lower Upper

225 100

223 62.0 50.6 76.0

227 63.0 51.8 77.8

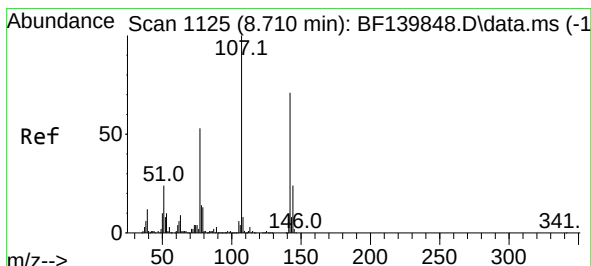
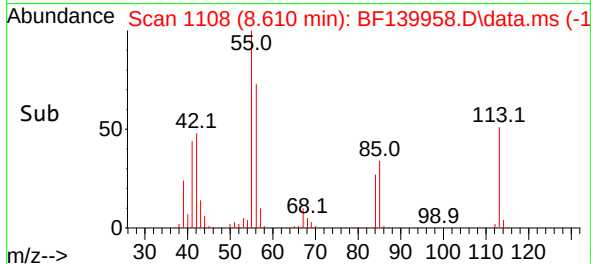
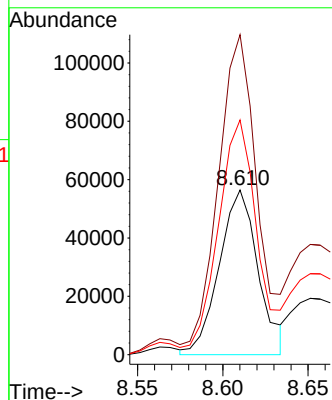
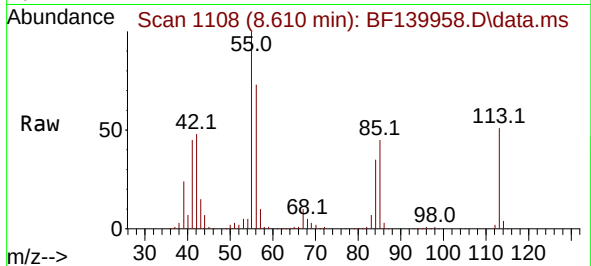




#35
 Caprolactam
 Concen: 33.238 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

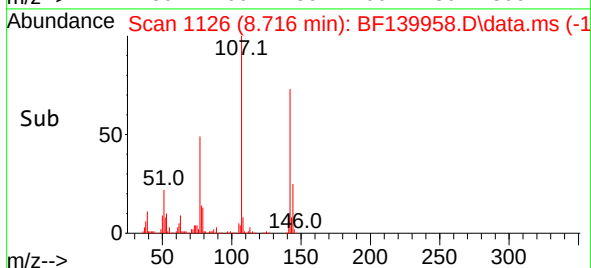
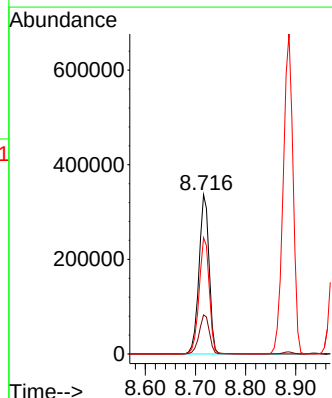
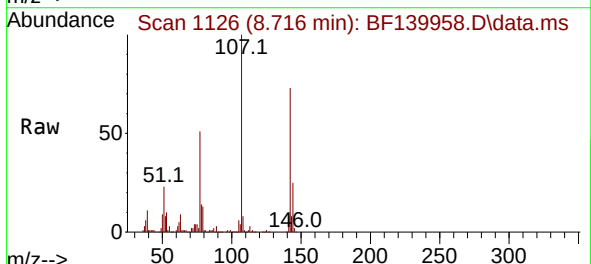
Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS

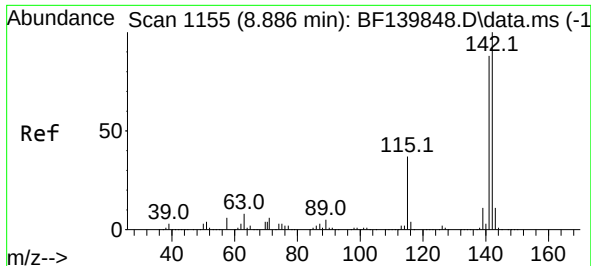
Tgt Ion:113 Resp: 89572
 Ion Ratio Lower Upper
 113 100
 55 194.3 189.2 229.2
 56 142.6 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 50.164 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Tgt Ion:107 Resp: 470764
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 73.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 48.847 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

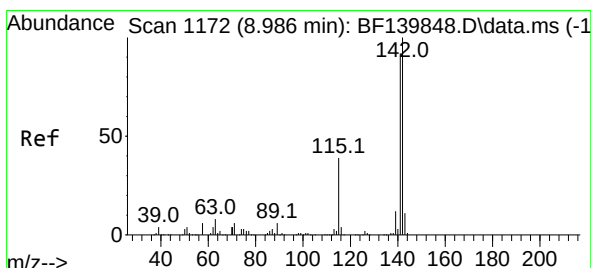
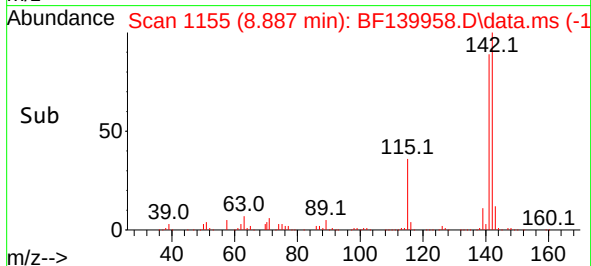
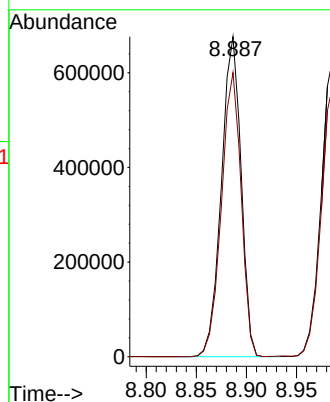
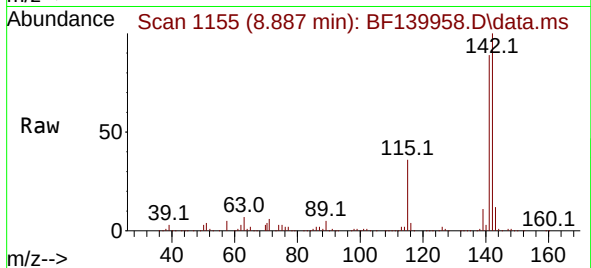
PB164216BS

Tgt Ion:142 Resp: 922565

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 46.445 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139958.D

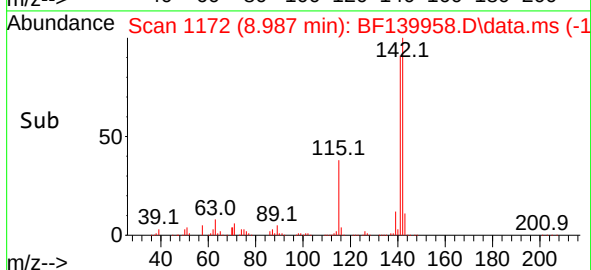
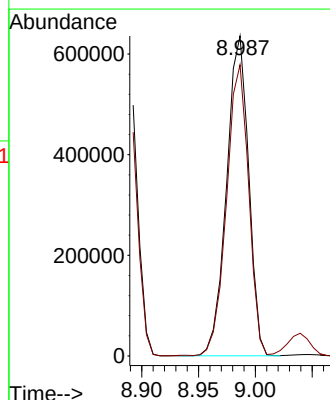
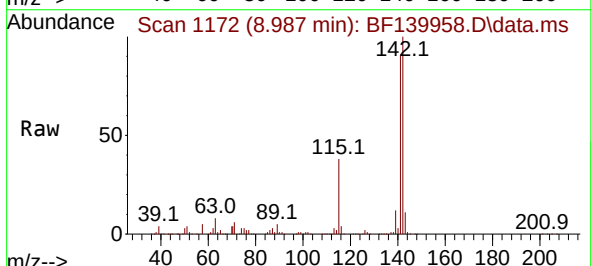
Acq: 23 Oct 2024 12:10

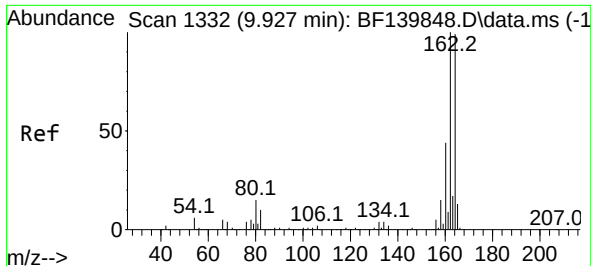
Tgt Ion:142 Resp: 860620

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3

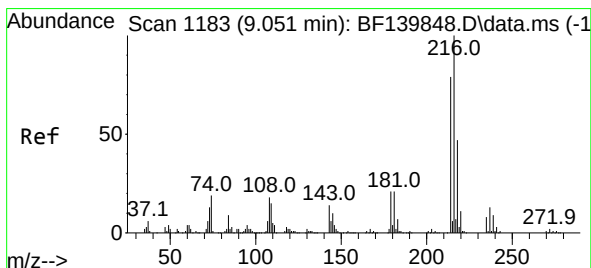
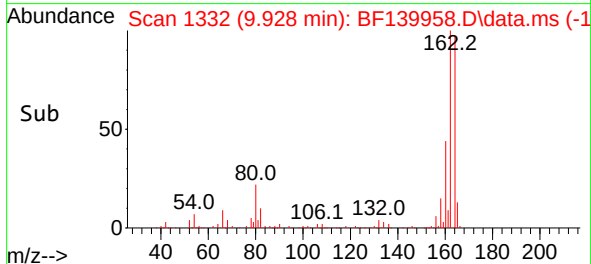
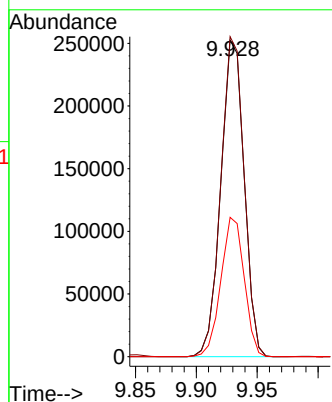
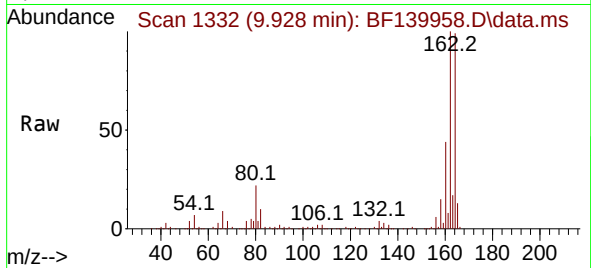




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

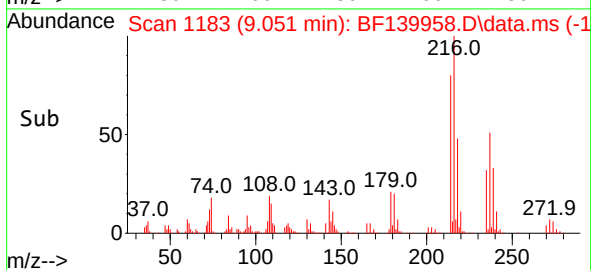
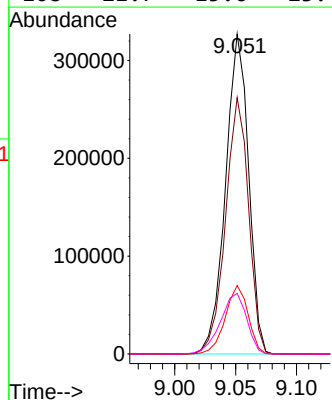
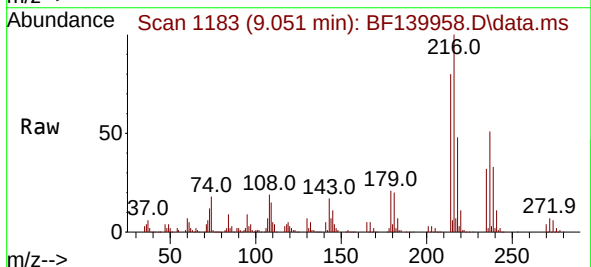
Instrument :
BNA_F
ClientSampleId :
PB164216BS

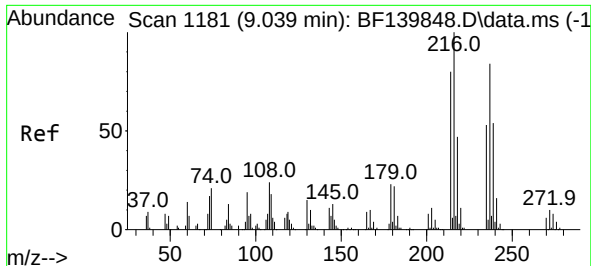
Tgt Ion:164 Resp: 337040
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.365 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

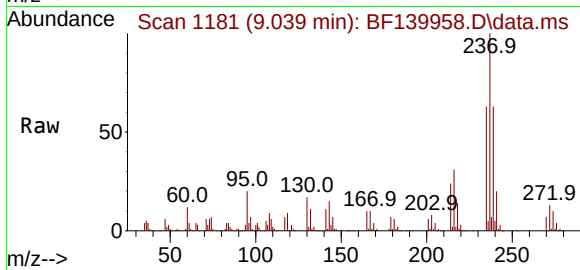
Tgt Ion:216 Resp: 430680
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 21.2 17.2 25.8
108 21.7 15.6 23.4



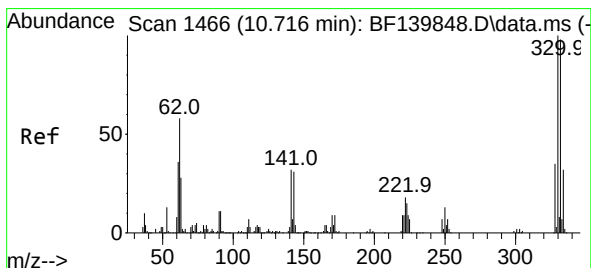
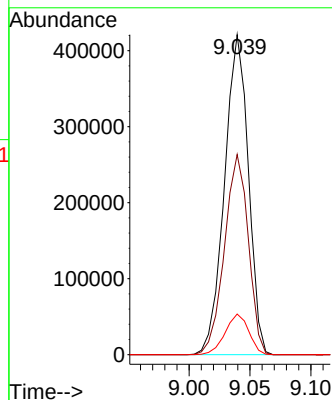
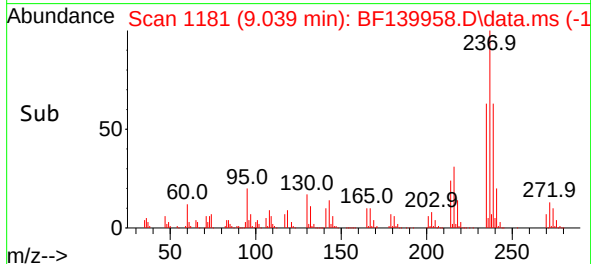


#41
Hexachlorocyclopentadiene
Concen: 181.428 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

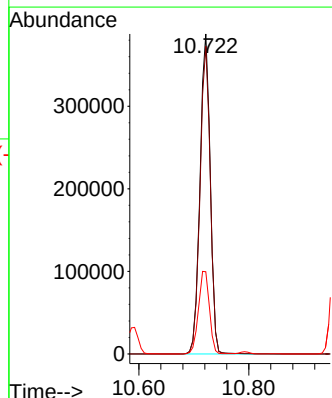
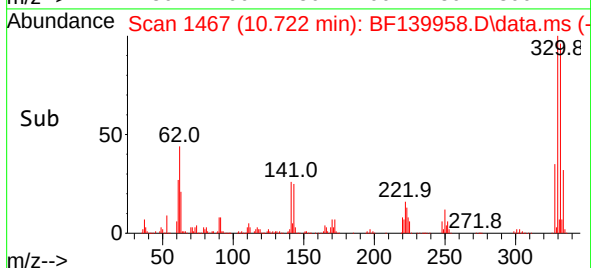
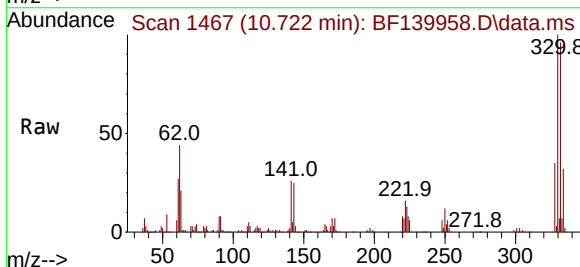


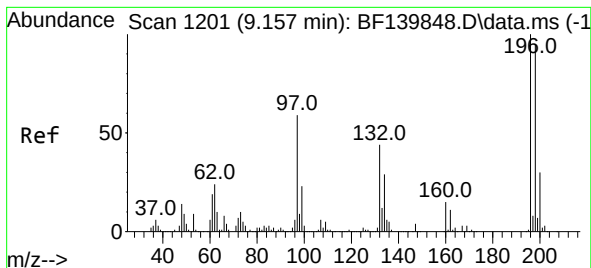
Tgt Ion:237 Resp: 574012
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 159.470 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:330 Resp: 502741
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 27.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 52.370 ng

RT: 9.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

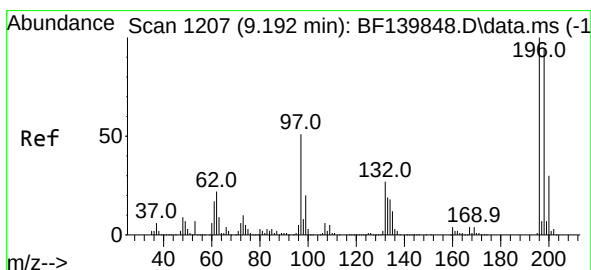
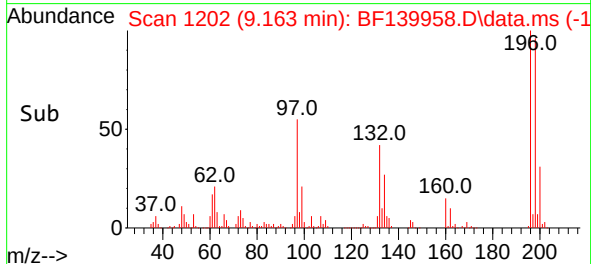
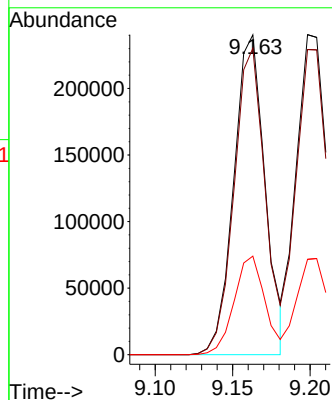
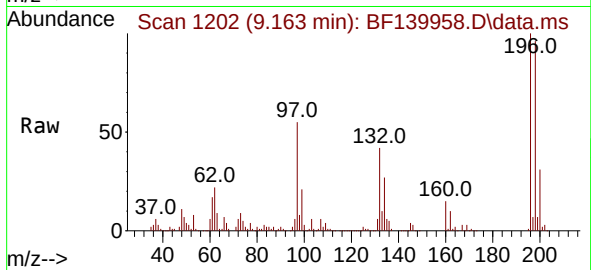
Tgt Ion:196 Resp: 337138

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.356 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:196 Resp: 334456

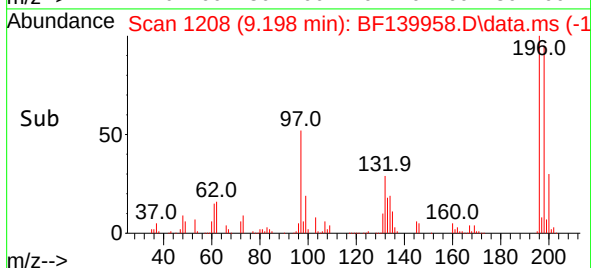
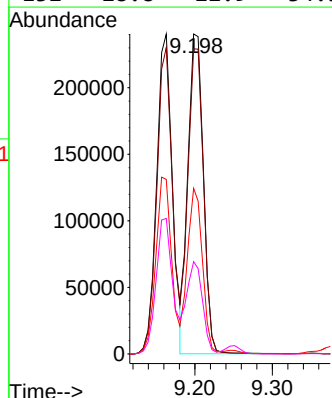
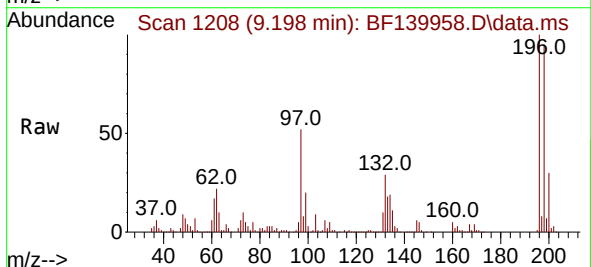
Ion Ratio Lower Upper

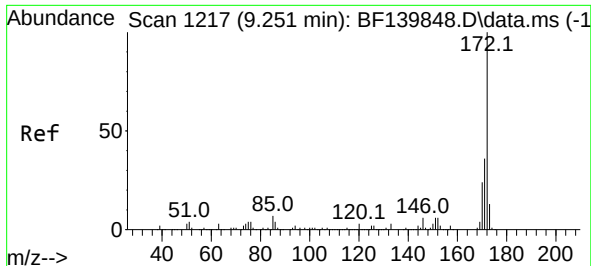
196 100

198 95.4 75.8 113.6

97 51.8 41.8 62.6

132 28.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 93.201 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

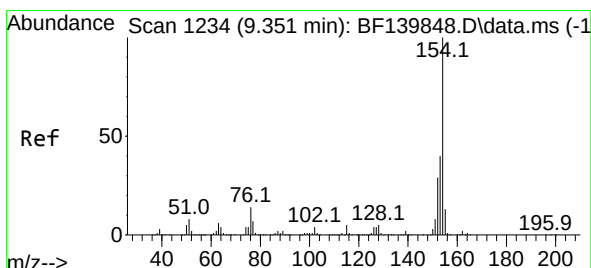
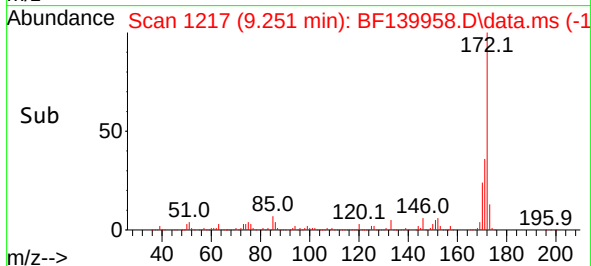
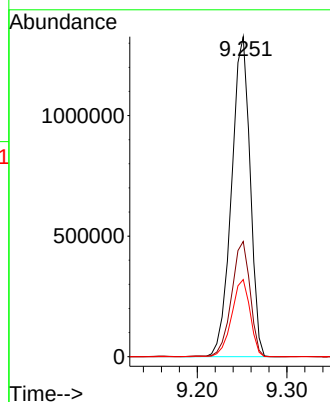
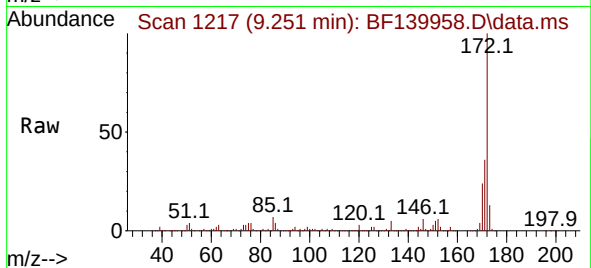
Tgt Ion:172 Resp: 1900684

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.622 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

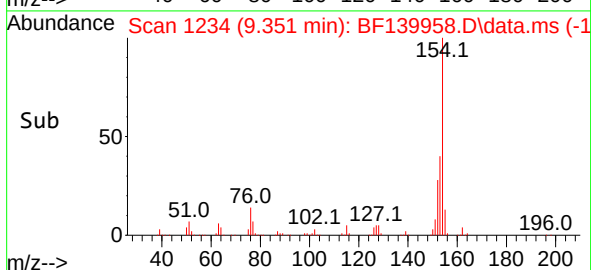
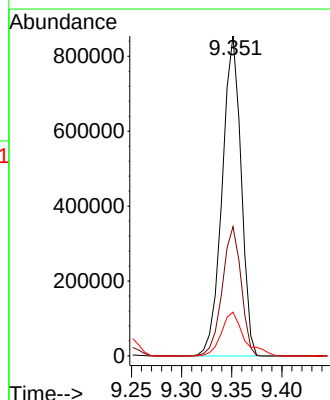
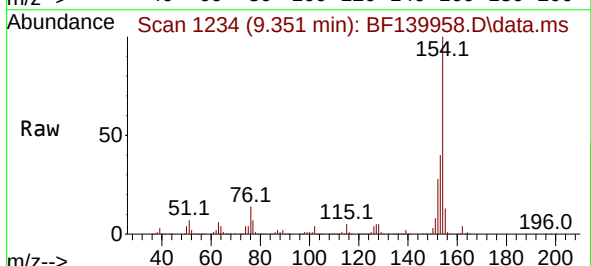
Tgt Ion:154 Resp: 1117358

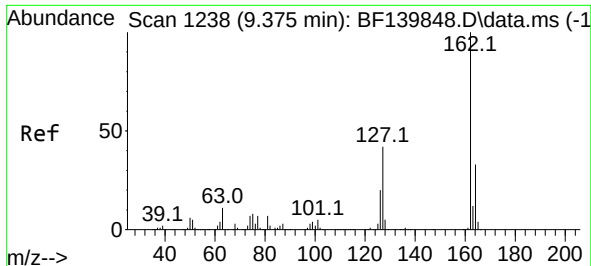
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.7 0.0 33.9

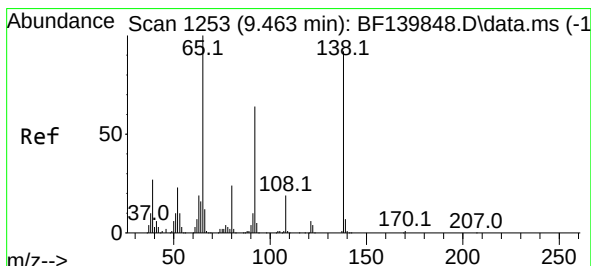
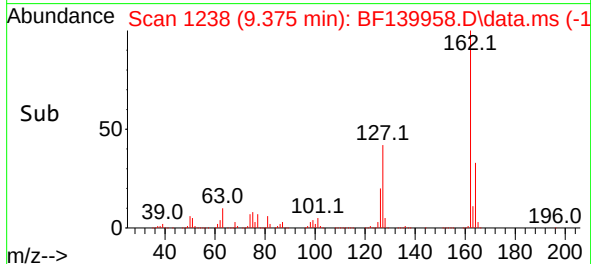
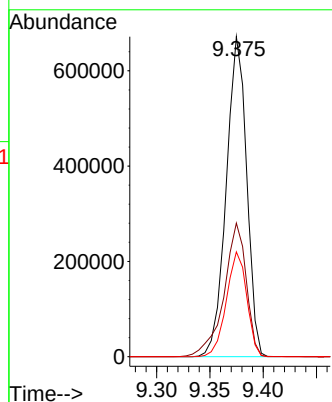
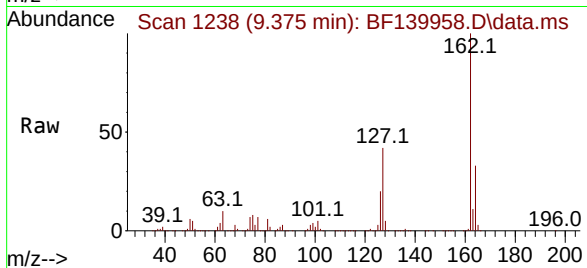




#47
2-Chloronaphthalene
Concen: 47.363 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

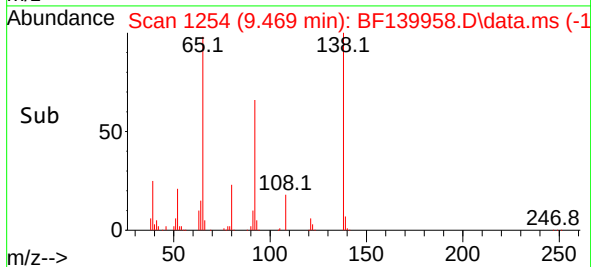
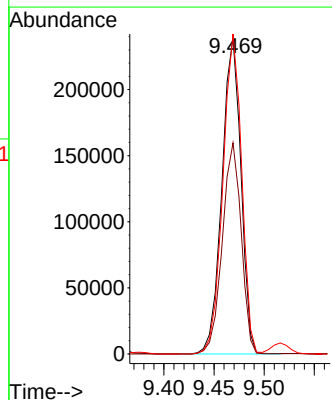
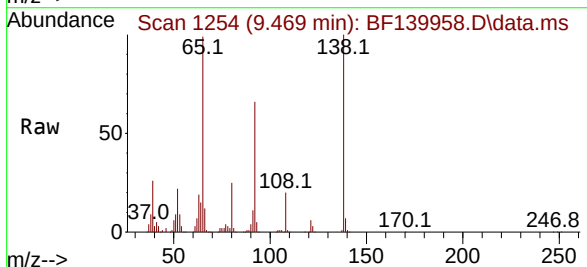
Instrument :
BNA_F
ClientSampleId :
PB164216BS

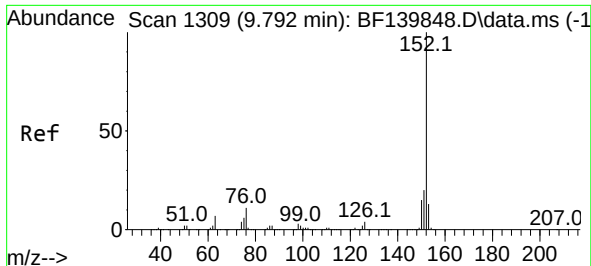
Tgt Ion:162 Resp: 895035
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 54.409 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion: 65 Resp: 314462
Ion Ratio Lower Upper
65 100
92 66.7 50.9 76.3
138 101.1 73.4 110.0

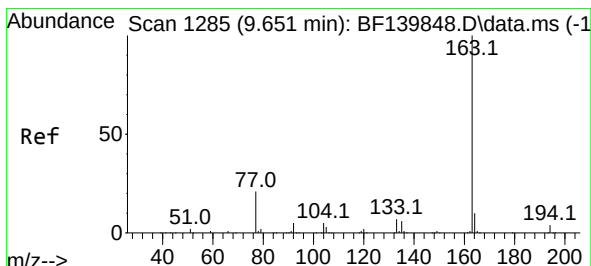
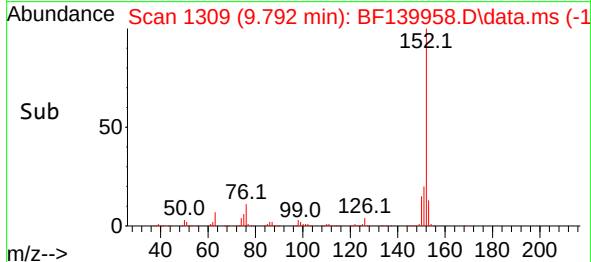
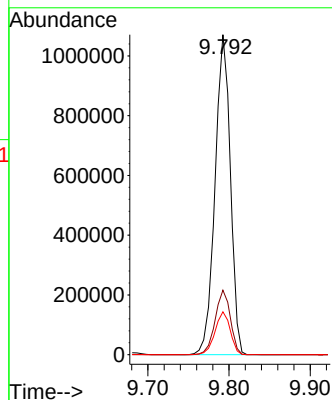
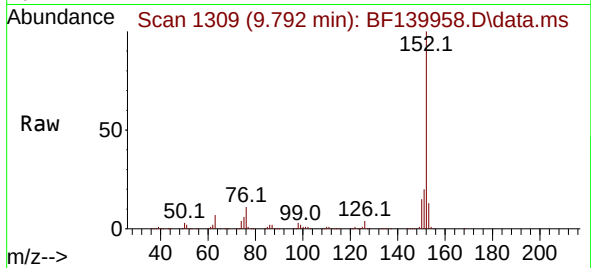




#49
Acenaphthylene
Concen: 51.394 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

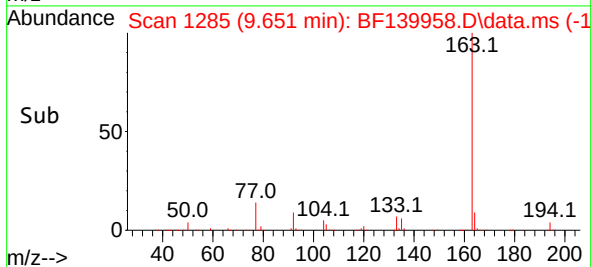
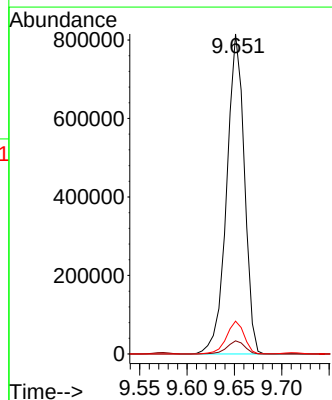
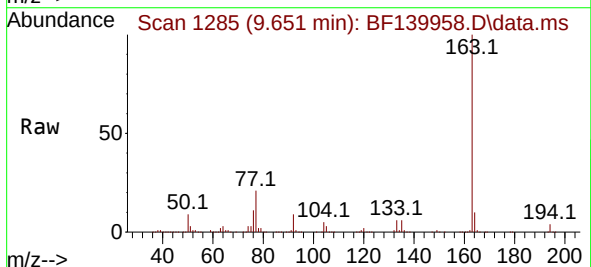
Instrument :
BNA_F
ClientSampleId :
PB164216BS

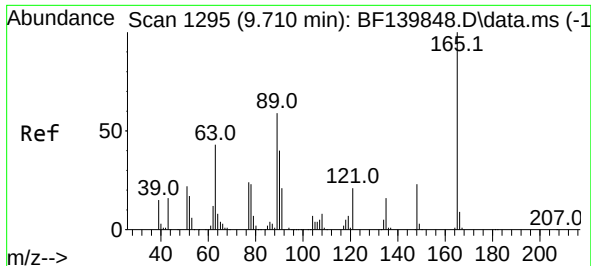
Tgt Ion:152 Resp: 1404091
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 50.592 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:163 Resp: 1062096
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

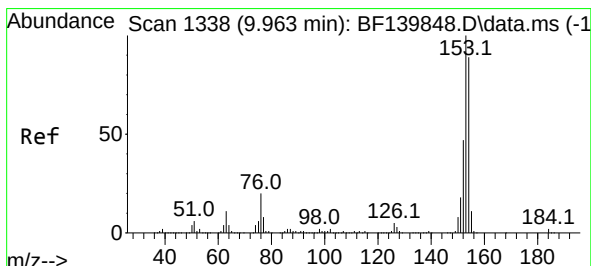
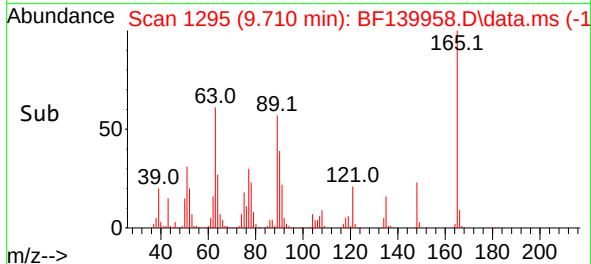
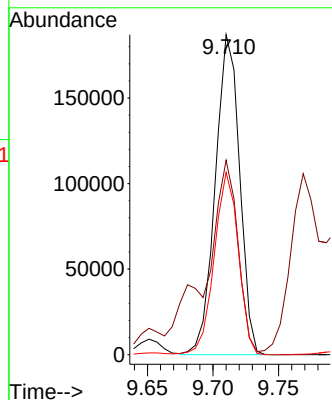
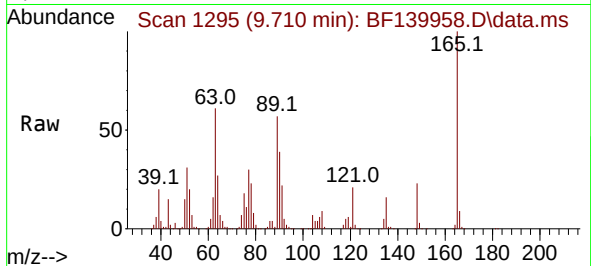




#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

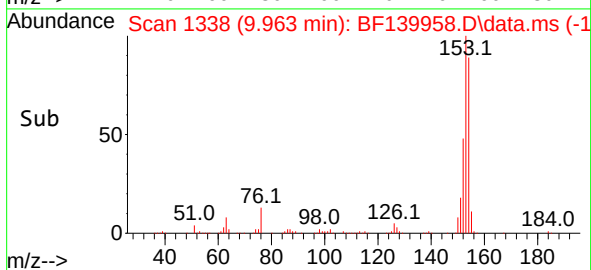
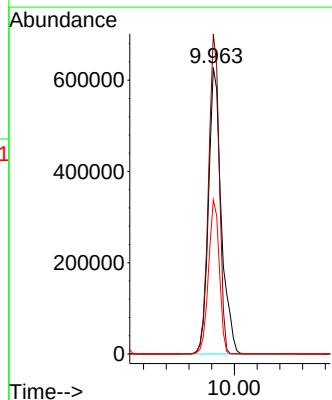
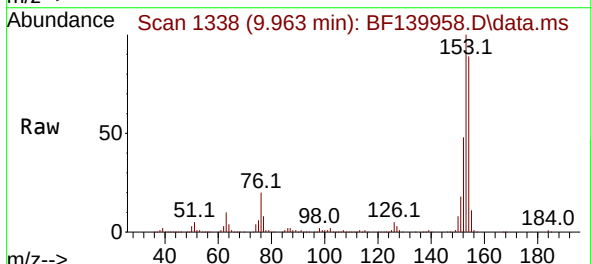
Instrument :
BNA_F
ClientSampleId :
PB164216BS

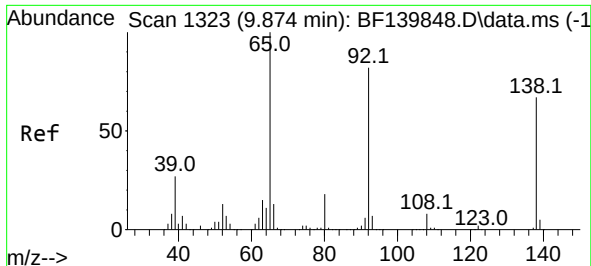
Tgt Ion:165 Resp: 241204
Ion Ratio Lower Upper
165 100
63 60.7 50.6 75.8
89 56.9 47.5 71.3



#52
Acenaphthene
Concen: 55.276 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:154 Resp: 976906
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.8 42.4 63.6

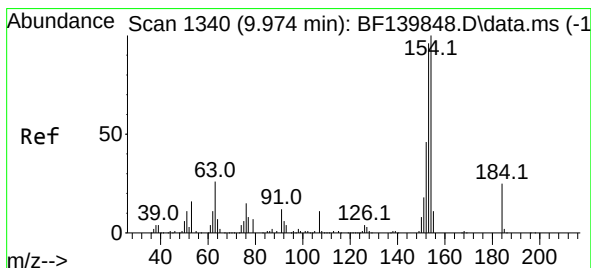
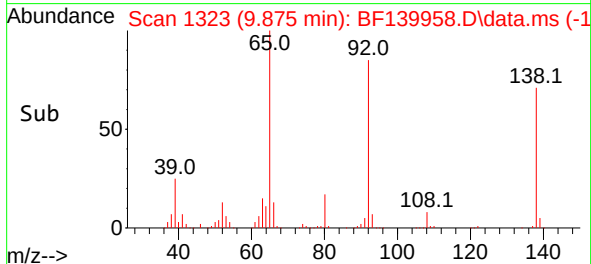
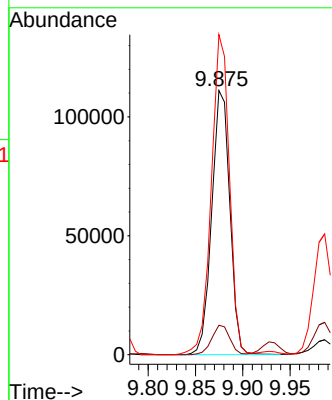
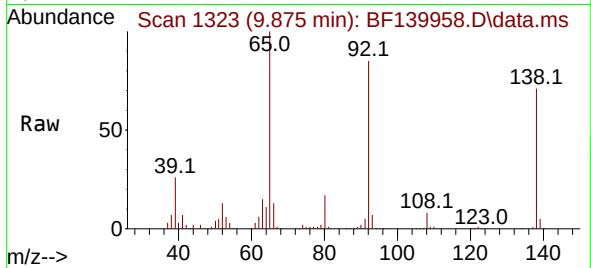




#53
3-Nitroaniline
Concen: 31.470 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

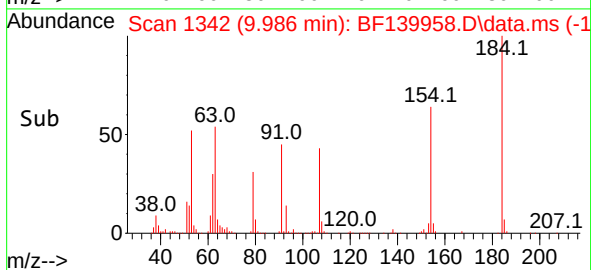
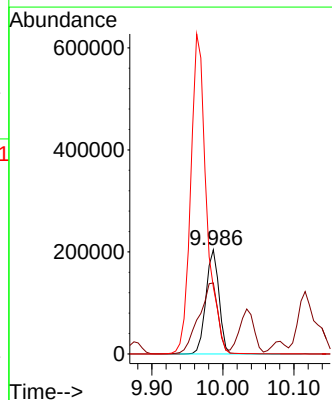
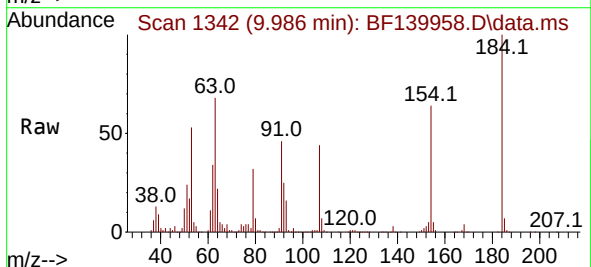
Instrument :
BNA_F
ClientSampleId :
PB164216BS

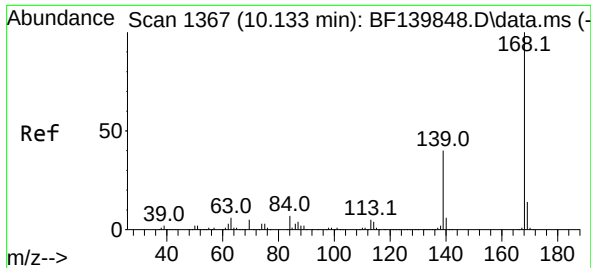
Tgt Ion:138 Resp: 147516
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 121.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 134.351 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:184 Resp: 262852
Ion Ratio Lower Upper
184 100
63 68.3 84.7 127.1#
154 64.4 338.2 507.2#

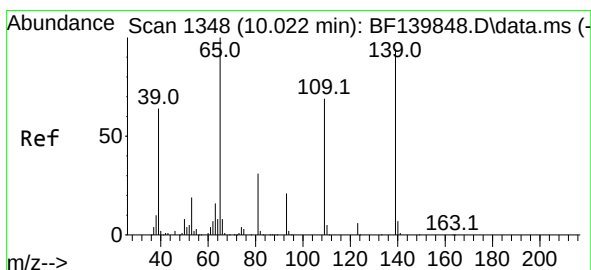
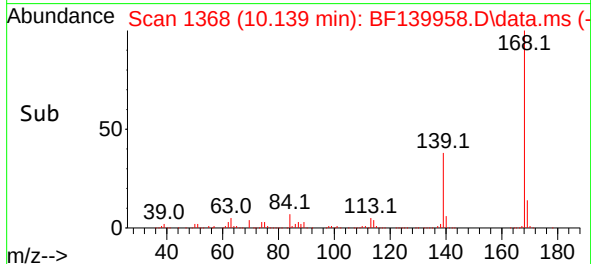
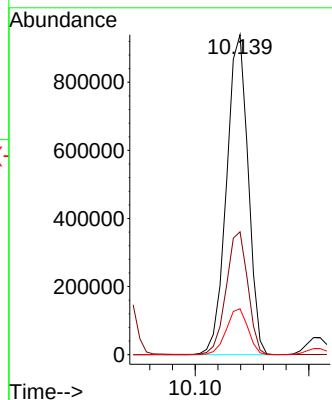
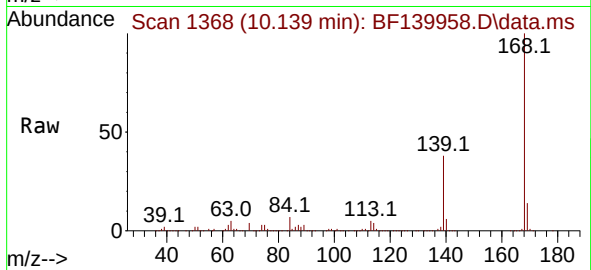




#55
Dibenzenofuran
Concen: 48.886 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

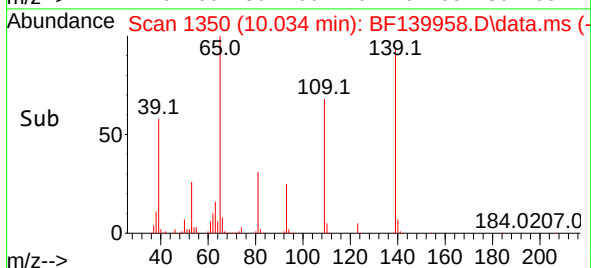
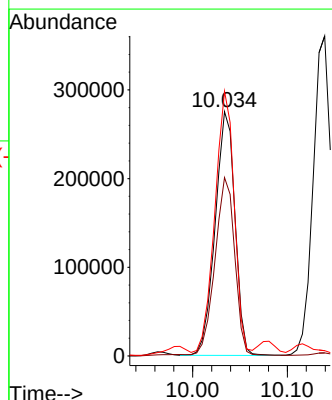
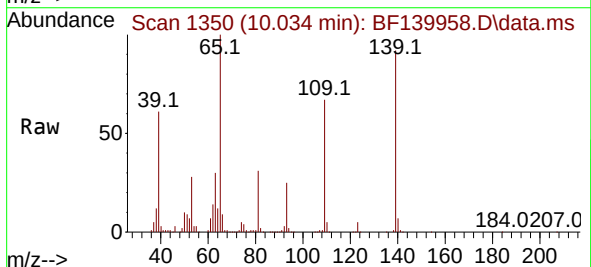
Instrument :
BNA_F
ClientSampleId :
PB164216BS

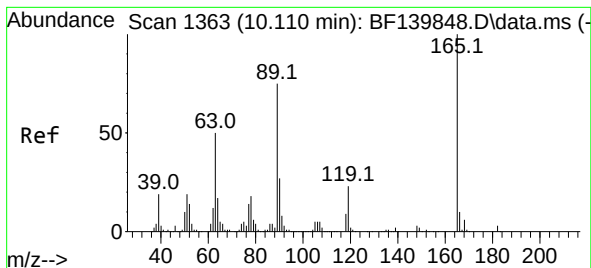
Tgt Ion:168 Resp: 1239585
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.3 11.6 17.4



#56
4-Nitrophenol
Concen: 110.928 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:139 Resp: 400046
Ion Ratio Lower Upper
139 100
109 73.0 53.6 93.6
65 108.3 87.8 127.8

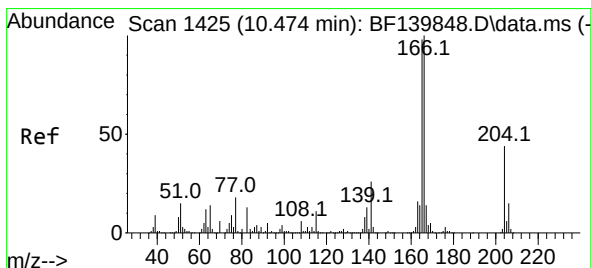
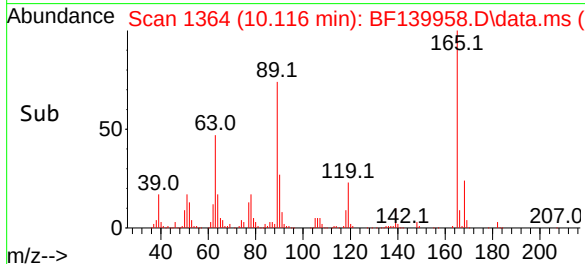
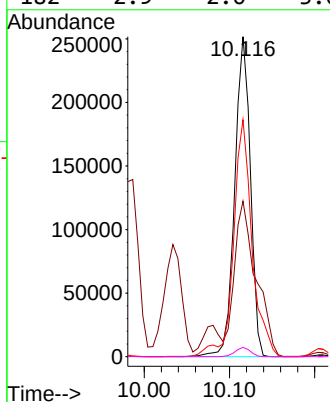
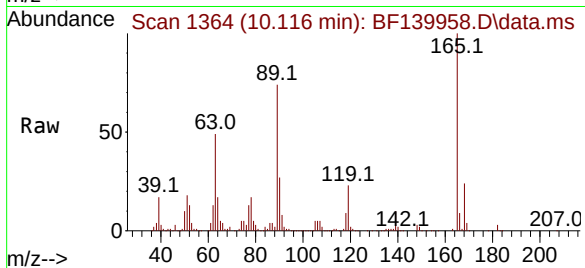




#57
2,4-Dinitrotoluene
Concen: 57.585 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

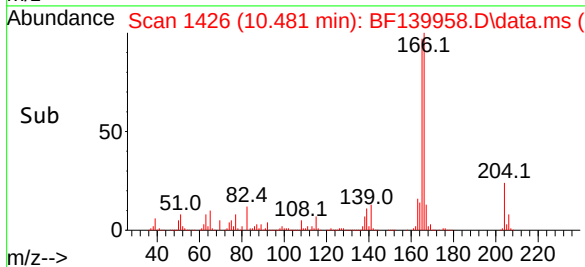
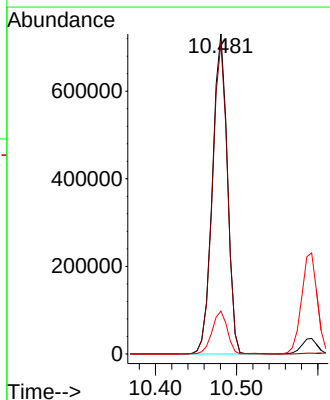
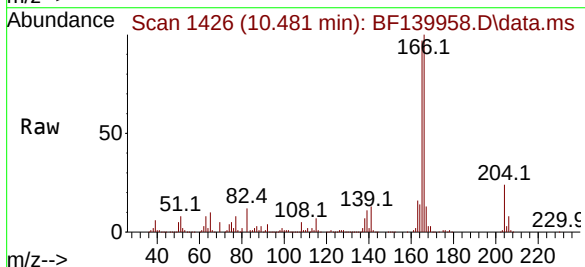
Instrument :
BNA_F
ClientSampleId :
PB164216BS

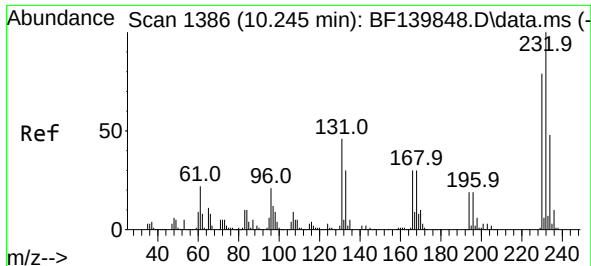
Tgt Ion:165 Resp: 321890
Ion Ratio Lower Upper
165 100
63 48.6 40.1 60.1
89 74.0 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 48.373 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:166 Resp: 934230
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.9 16.3

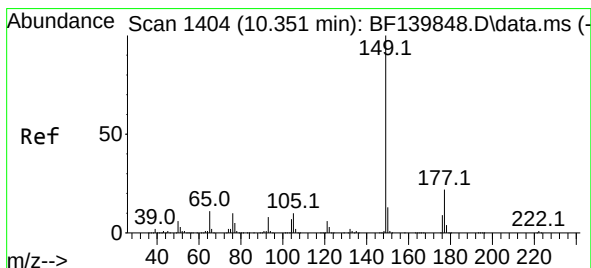
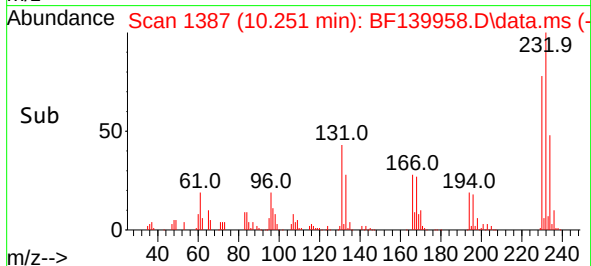
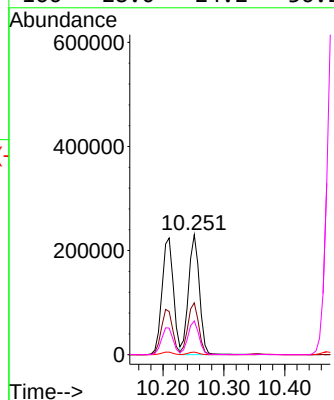
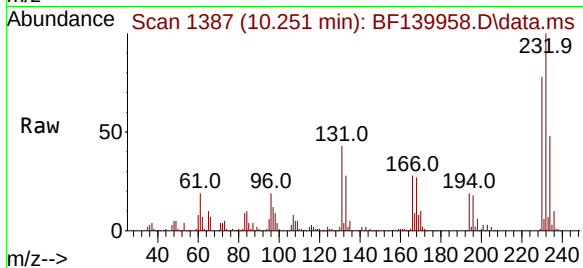




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.127 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

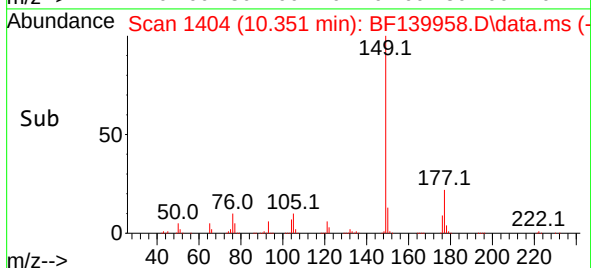
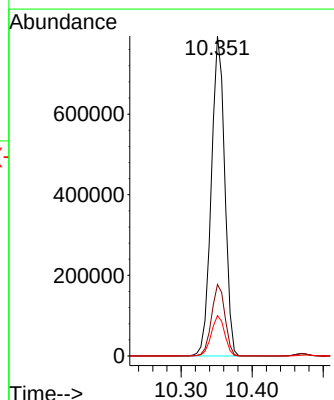
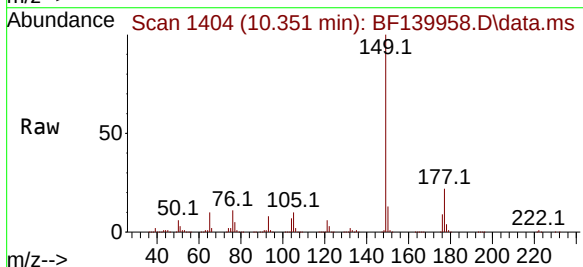
Instrument :
BNA_F
ClientSampleId :
PB164216BS

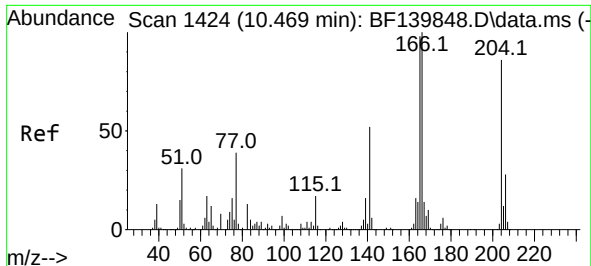
Tgt Ion:232 Resp: 287032
Ion Ratio Lower Upper
232 100
131 43.5 37.0 55.6
130 2.1 1.9 2.9
166 28.0 24.2 36.2



#60
Diethylphthalate
Concen: 50.423 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:149 Resp: 1039354
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1

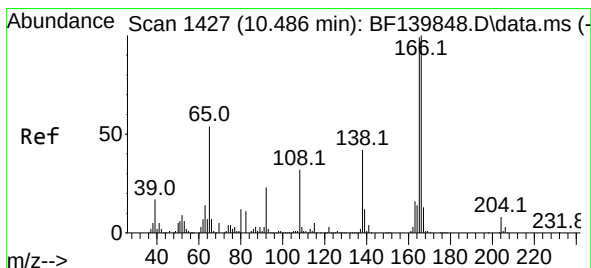
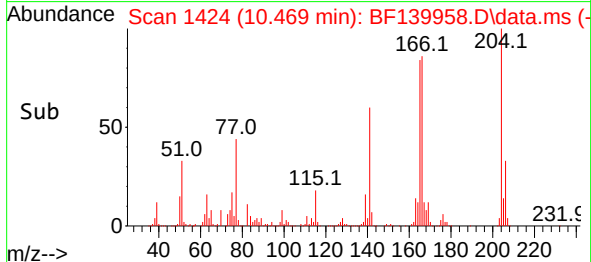
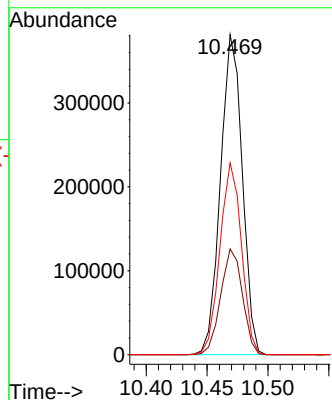
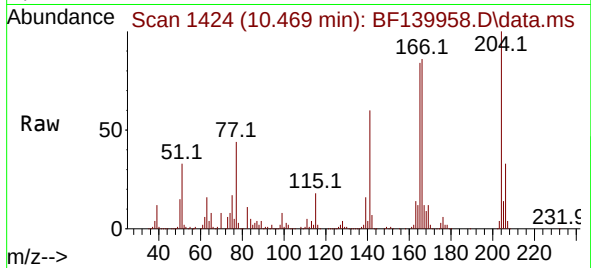




#61
4-Chlorophenyl-phenylether
Concen: 48.748 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

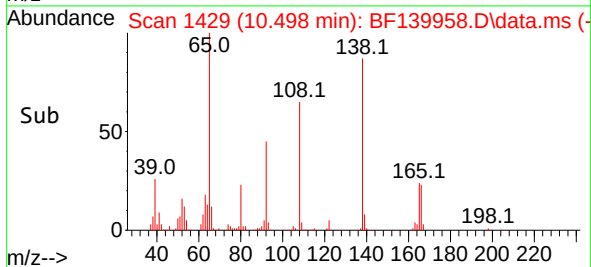
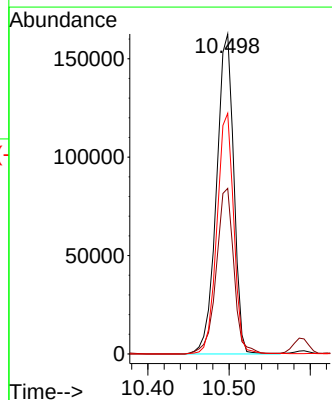
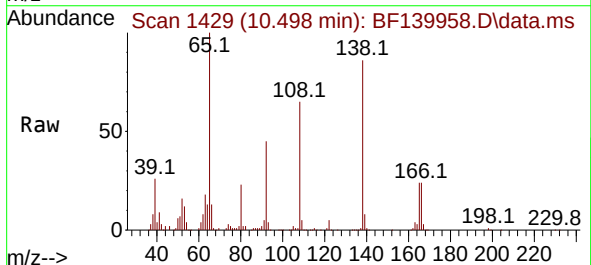
Instrument :
BNA_F
ClientSampleId :
PB164216BS

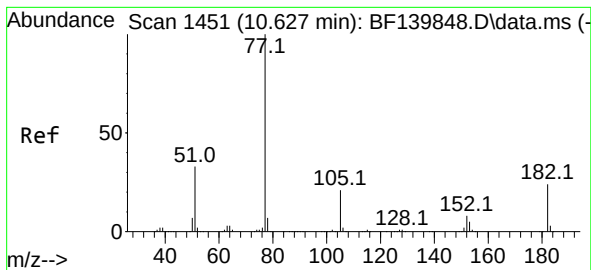
Tgt Ion:204 Resp: 475448
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.9 48.6 73.0



#62
4-Nitroaniline
Concen: 54.305 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:138 Resp: 240421
Ion Ratio Lower Upper
138 100
92 51.7 35.7 75.7
108 75.2 57.5 97.5





#63

Azobenzene

Concen: 48.116 ng

RT: 10.634 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

Tgt Ion: 77 Resp: 1051460

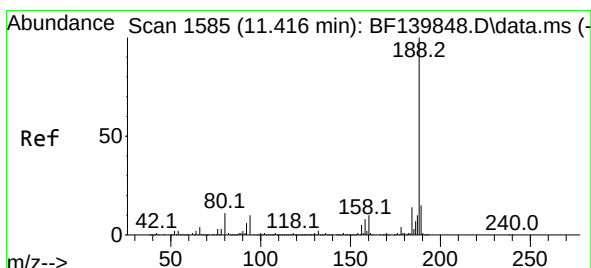
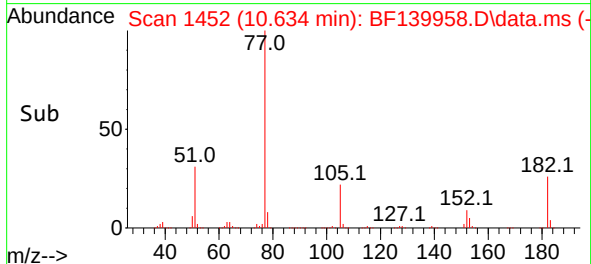
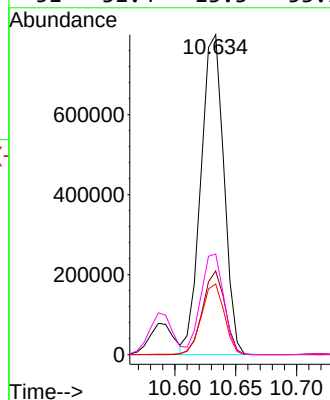
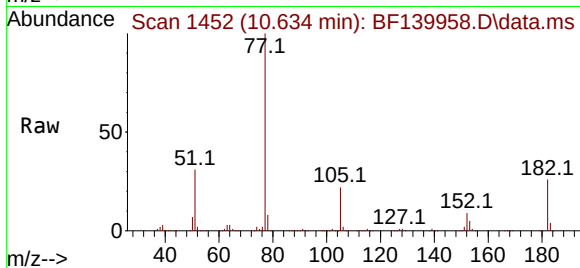
Ion Ratio Lower Upper

77 100

182 26.1 3.3 43.3

105 22.1 1.2 41.2

51 31.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

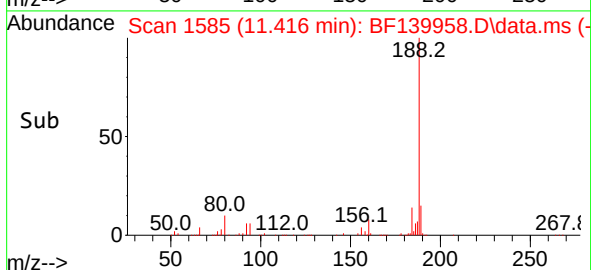
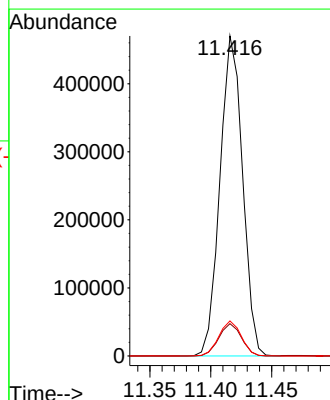
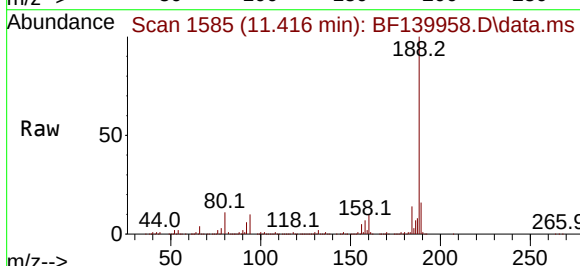
Tgt Ion:188 Resp: 608398

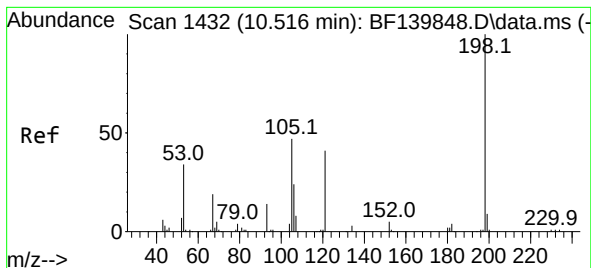
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.0 9.0 13.4

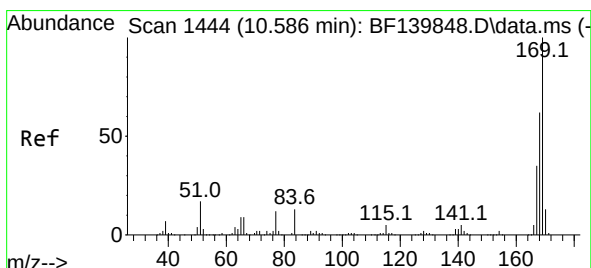
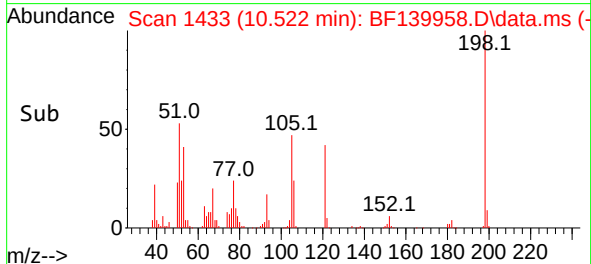
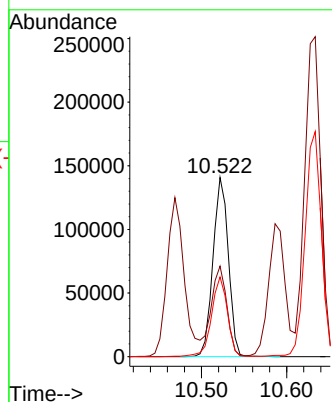
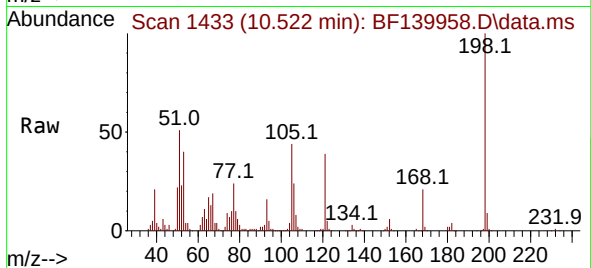




#65
4,6-Dinitro-2-methylphenol
Concen: 71.043 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

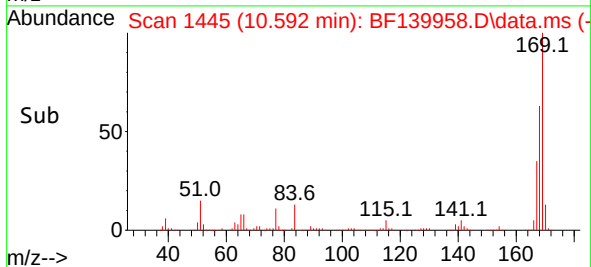
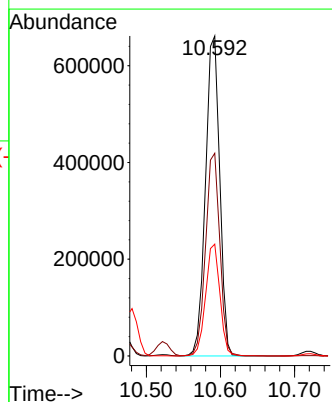
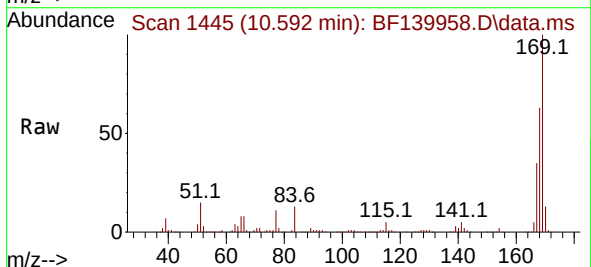
Instrument :
BNA_F
ClientSampleId :
PB164216BS

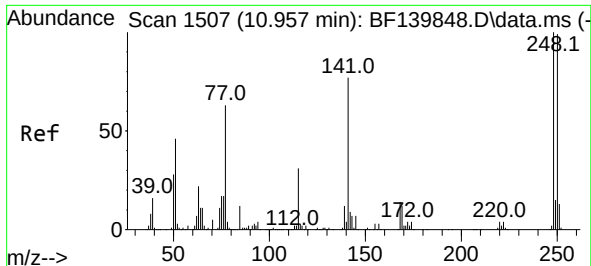
Tgt Ion:198 Resp: 176303
Ion Ratio Lower Upper
198 100
51 50.5 38.2 78.2
105 44.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.450 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:169 Resp: 882234
Ion Ratio Lower Upper
169 100
168 63.4 49.8 74.6
167 34.9 28.0 42.0

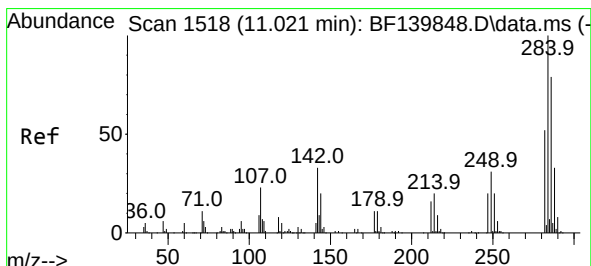
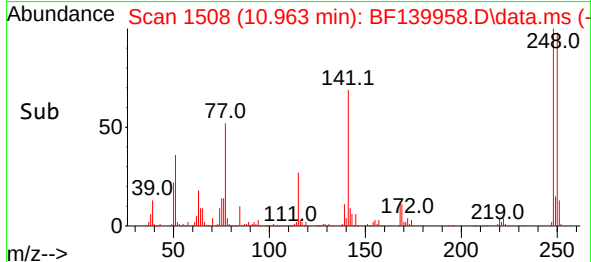
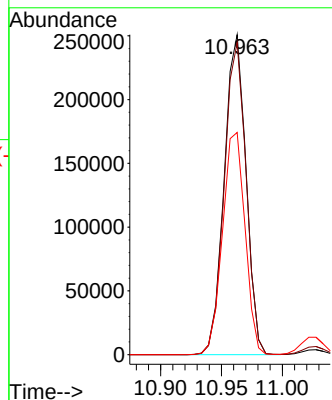
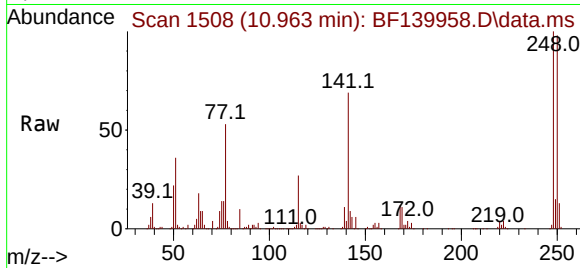




#67
4-Bromophenyl-phenylether
Concen: 50.024 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

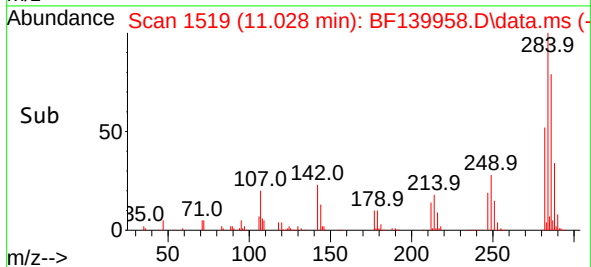
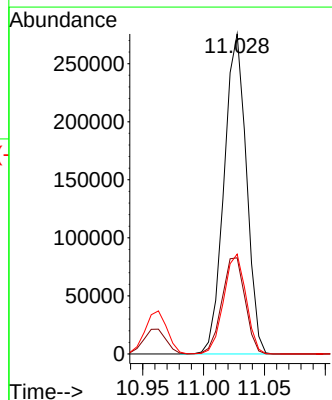
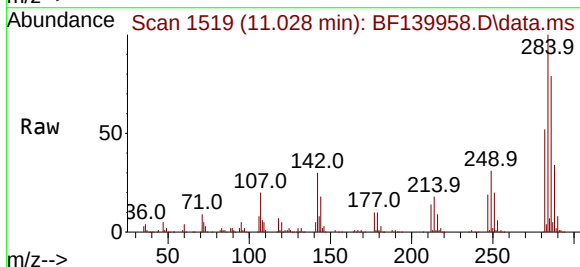
Instrument :
BNA_F
ClientSampleId :
PB164216BS

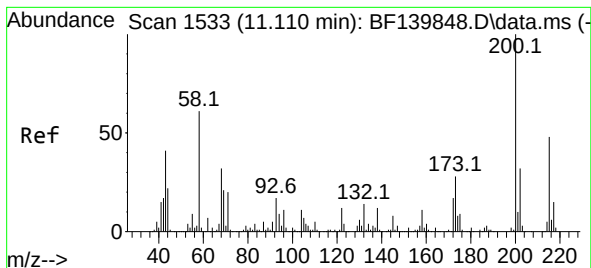
Tgt Ion:248 Resp: 313535
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 69.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.901 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:284 Resp: 351750
Ion Ratio Lower Upper
284 100
142 30.1 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 59.244 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

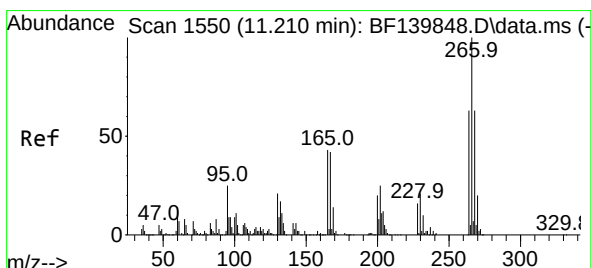
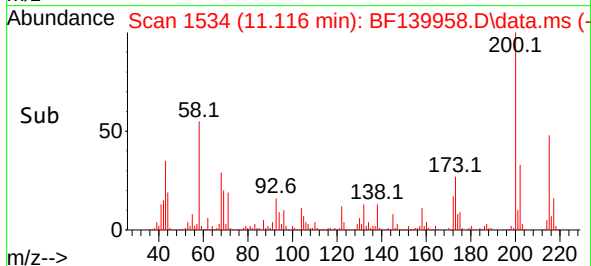
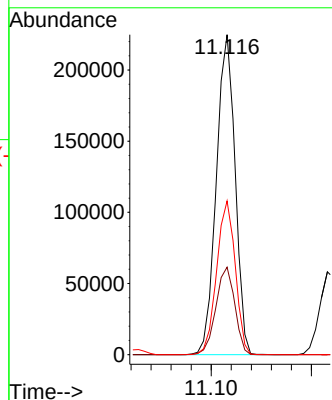
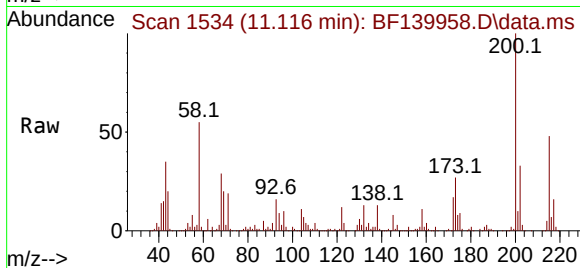
Tgt Ion:200 Resp: 292228

Ion Ratio Lower Upper

200 100

173 27.4 7.7 47.7

215 48.1 27.7 67.7



#70

Pentachlorophenol

Concen: 102.455 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

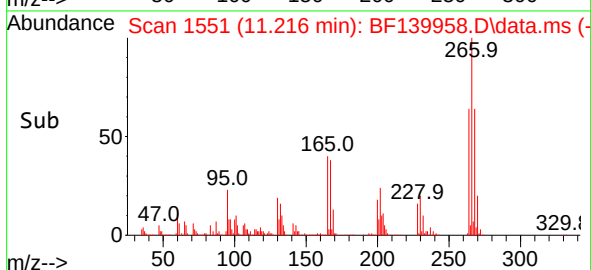
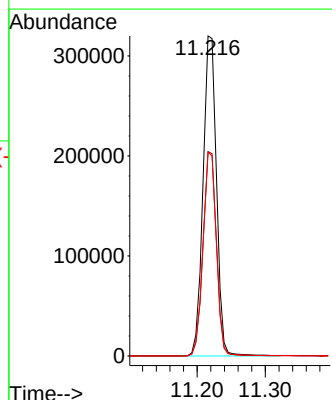
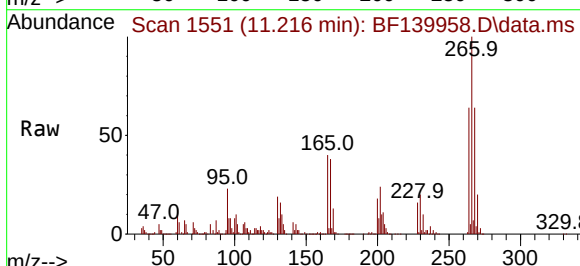
Tgt Ion:266 Resp: 438311

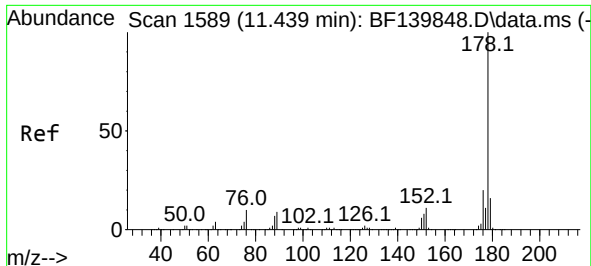
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.6 75.8

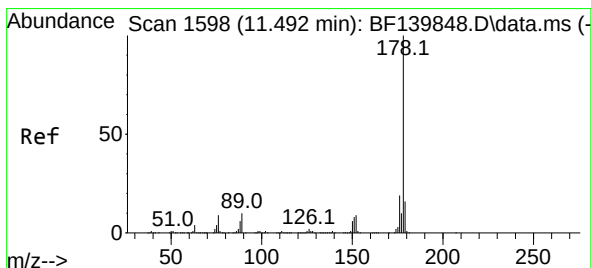
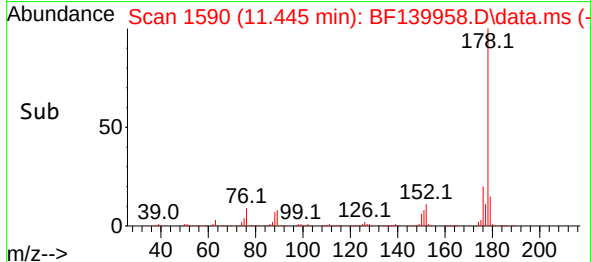
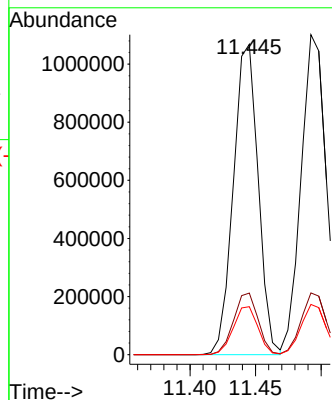
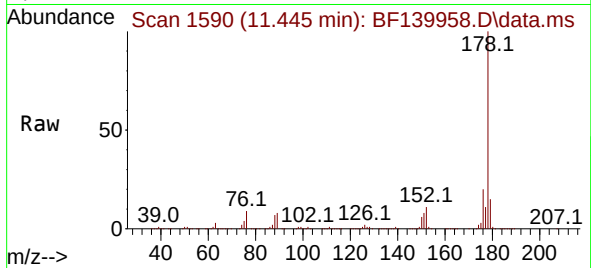




#71
Phenanthrene
Concen: 48.984 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

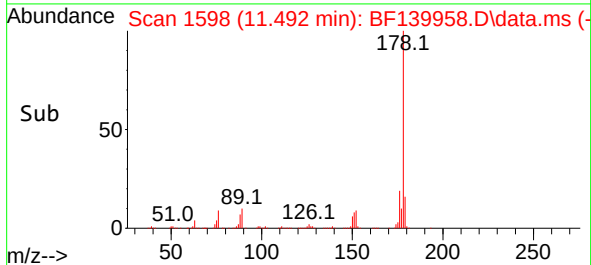
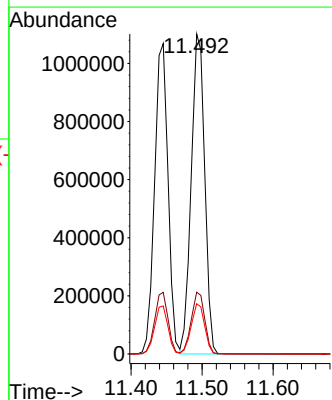
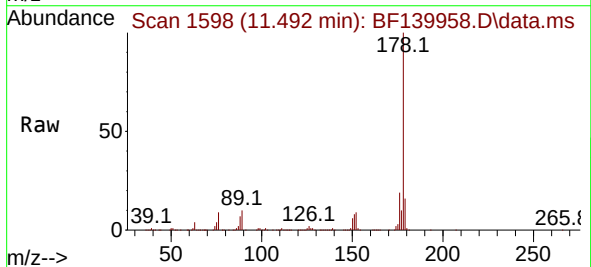
Instrument :
BNA_F
ClientSampleId :
PB164216BS

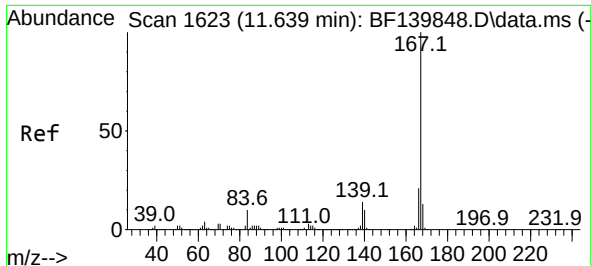
Tgt Ion:178 Resp: 1407707
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.5 12.6 18.8



#72
Anthracene
Concen: 51.684 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

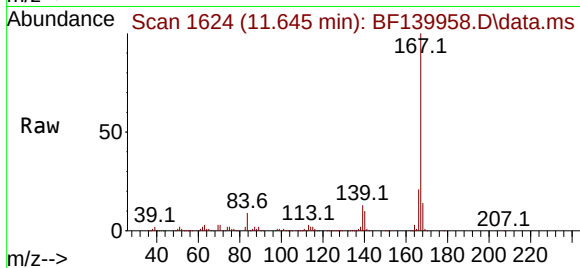
Tgt Ion:178 Resp: 1449181
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.4 18.6



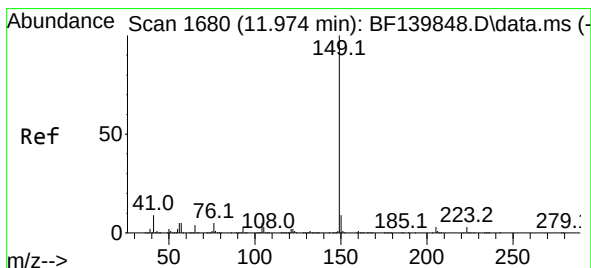
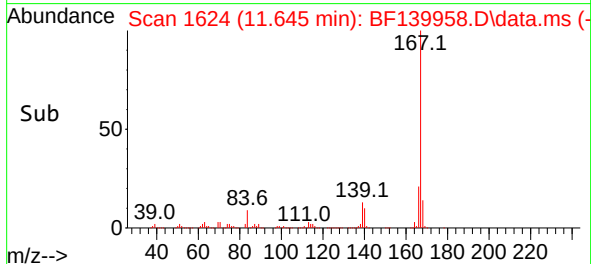
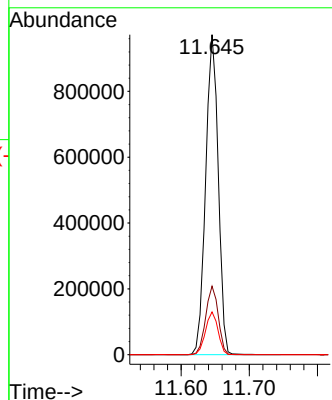


#73
Carbazole
Concen: 47.875 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Instrument :
BNA_F
ClientSampleId :
PB164216BS

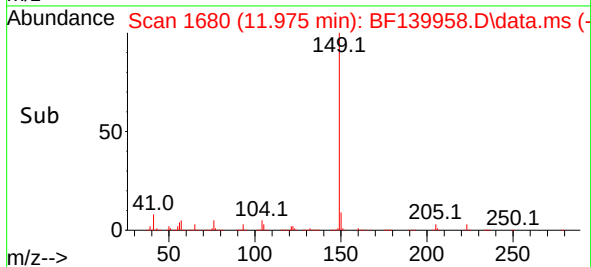
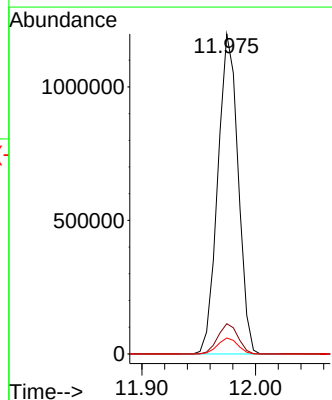
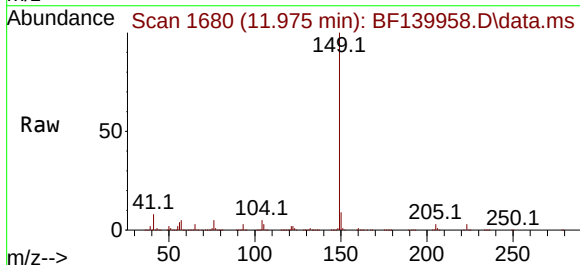


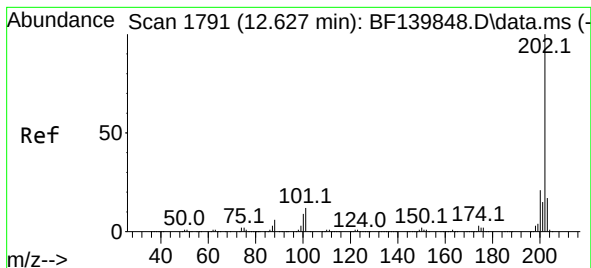
Tgt Ion:167 Resp: 1248438
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.4 10.8 16.2



#74
Di-n-butylphthalate
Concen: 49.535 ng
RT: 11.975 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:149 Resp: 1492403
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.0 4.1 6.1

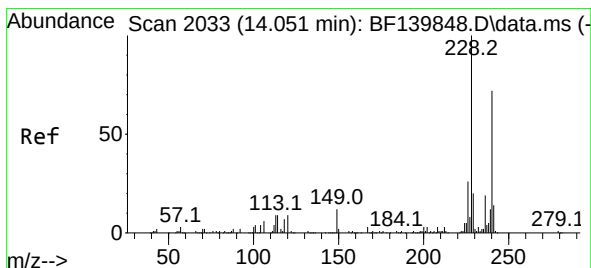
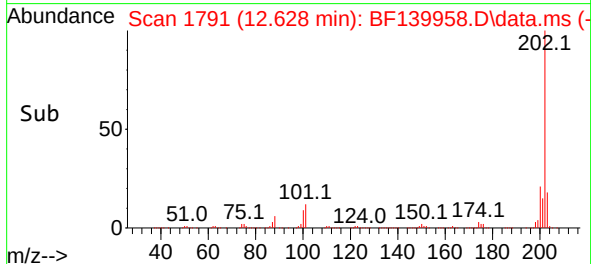
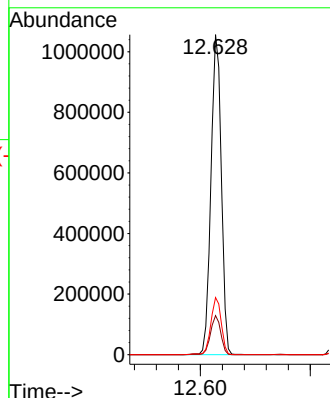
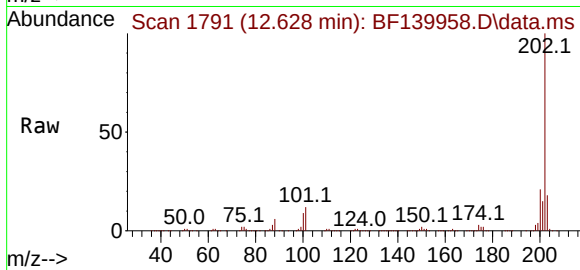




#75
Fluoranthene
Concen: 47.372 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

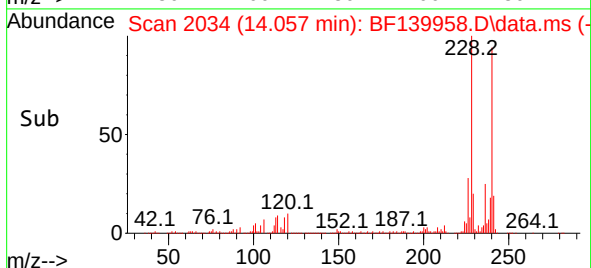
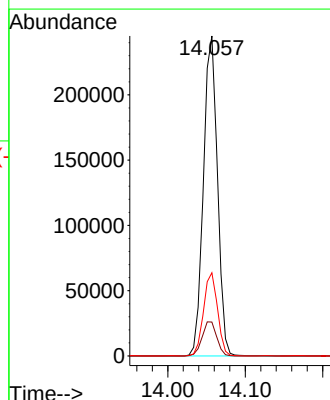
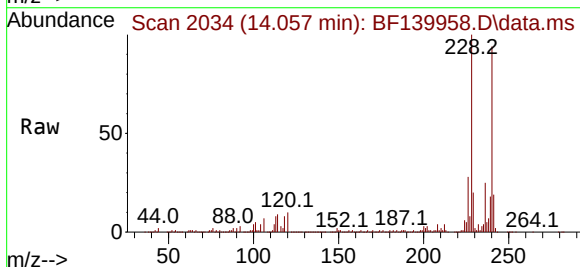
Instrument :
BNA_F
ClientSampleId :
PB164216BS

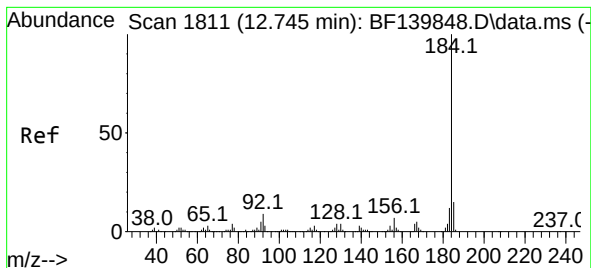
Tgt Ion:202 Resp: 1376242
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139958.D
Acq: 23 Oct 2024 12:10

Tgt Ion:240 Resp: 308469
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 64.194 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

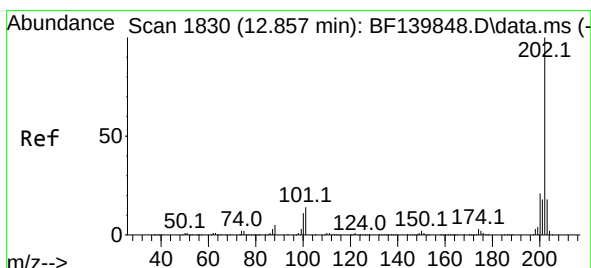
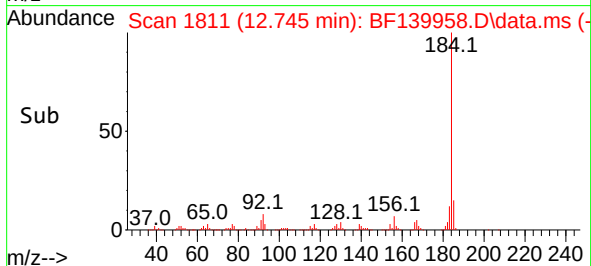
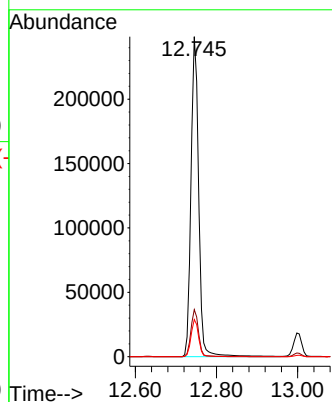
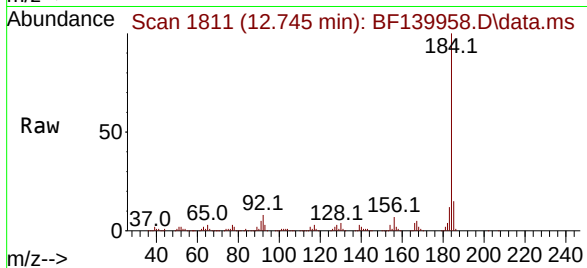
Tgt Ion:184 Resp: 325609

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 11.6 9.4 14.2



#78

Pyrene

Concen: 51.336 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

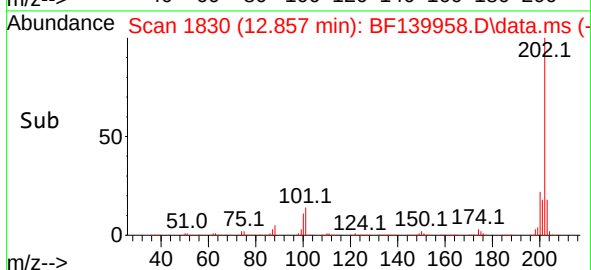
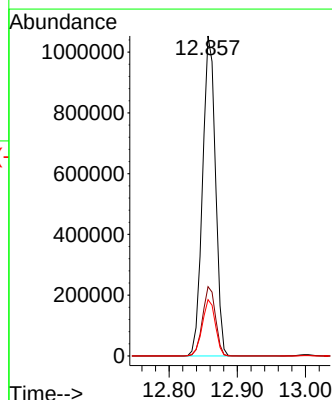
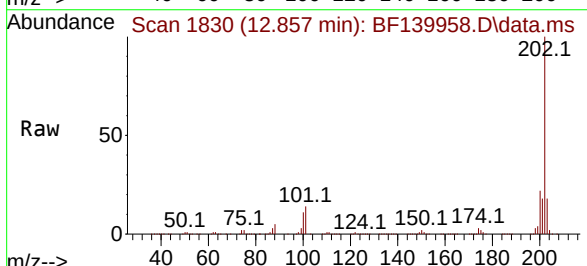
Tgt Ion:202 Resp: 1386136

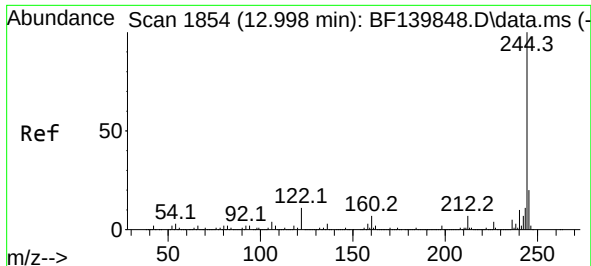
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

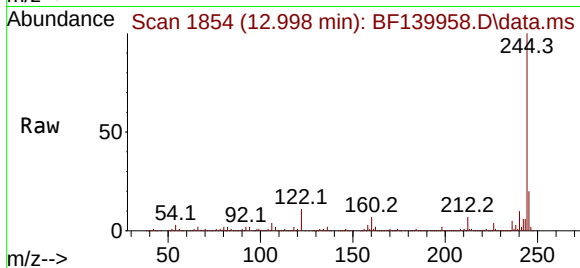
203 17.6 14.2 21.4





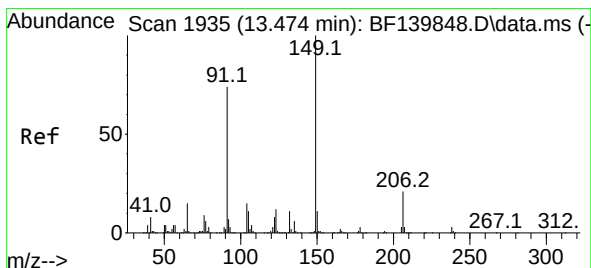
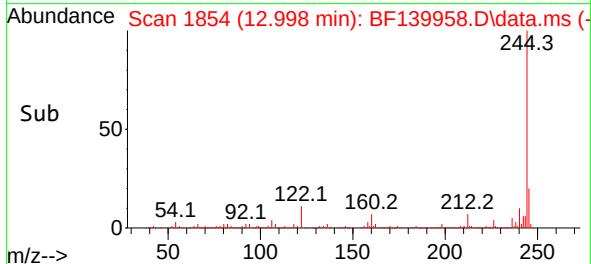
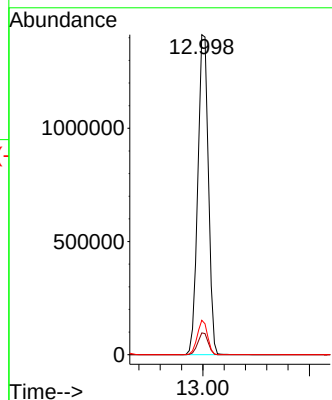
#79
 Terphenyl-d14
 Concen: 102.971 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS



Tgt Ion:244 Resp: 1949301

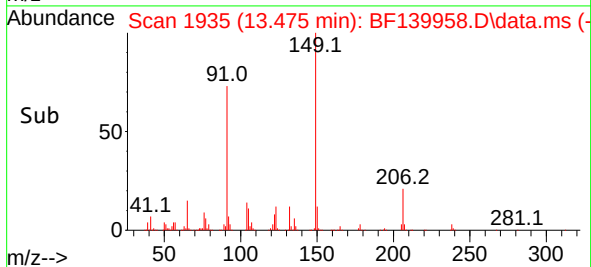
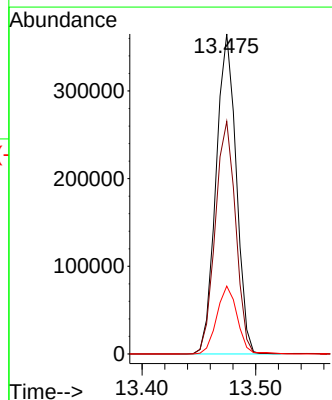
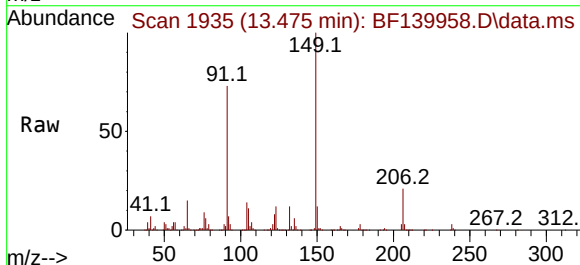
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.7	8.6	13.0

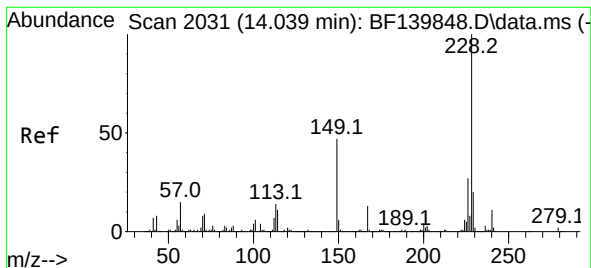


#80
 Butylbenzylphthalate
 Concen: 55.718 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Tgt Ion:149 Resp: 451043

Ion	Ratio	Lower	Upper
149	100		
91	72.7	59.4	89.2
206	21.2	16.4	24.6





#81

Benzo(a)anthracene

Concen: 51.518 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

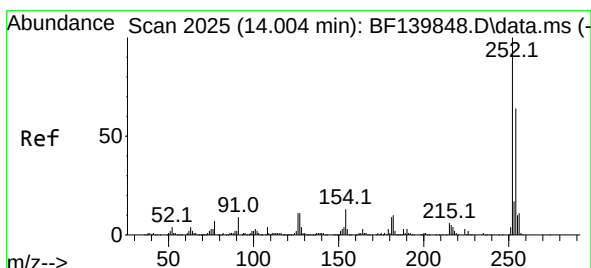
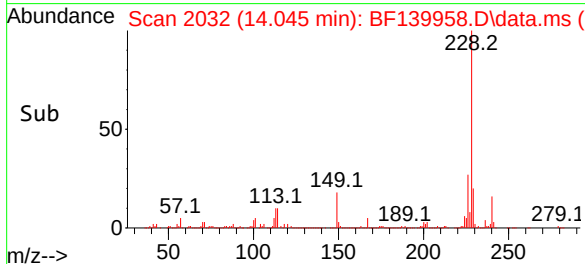
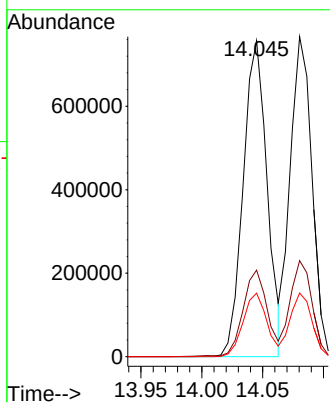
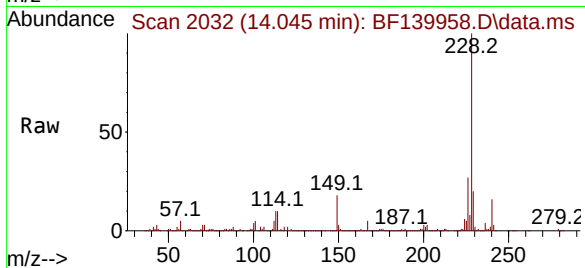
Tgt Ion:228 Resp: 1034491

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.032 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

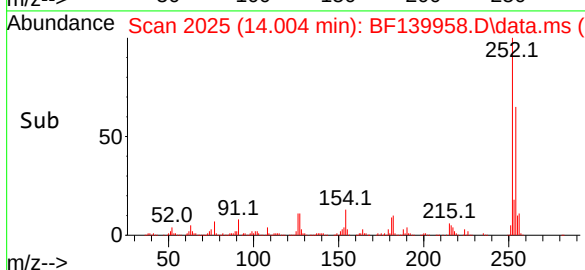
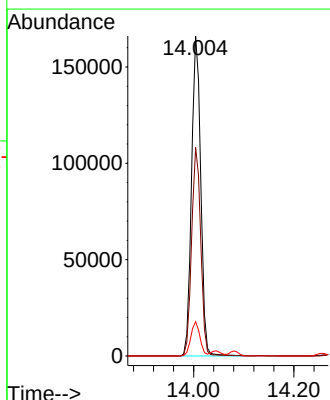
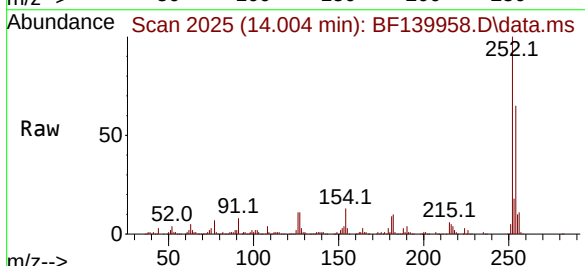
Tgt Ion:252 Resp: 210956

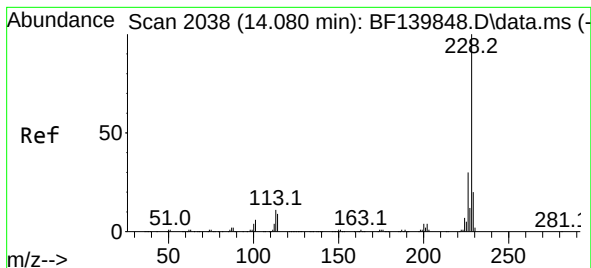
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 10.7 8.9 13.3





#83

Chrysene

Concen: 52.033 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

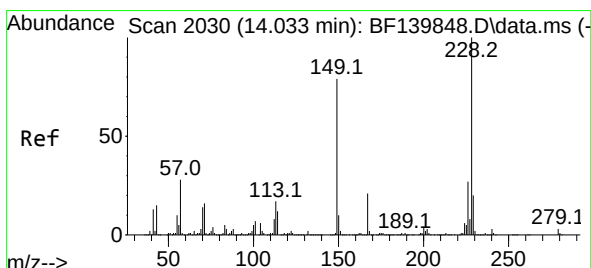
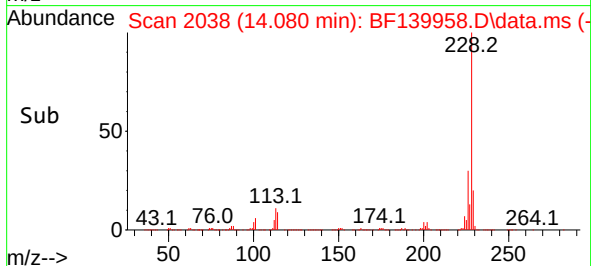
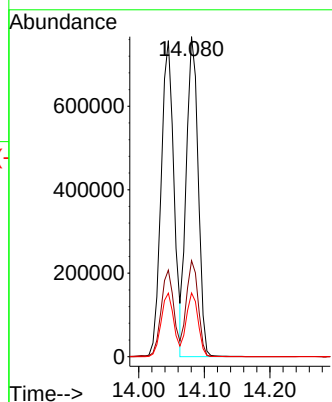
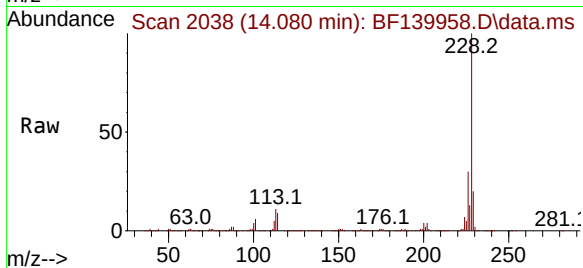
Tgt Ion:228 Resp: 957996

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.310 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

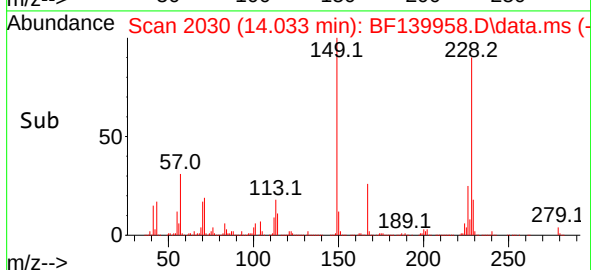
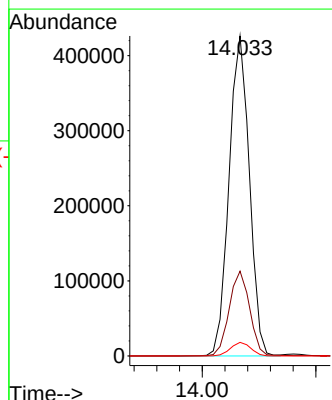
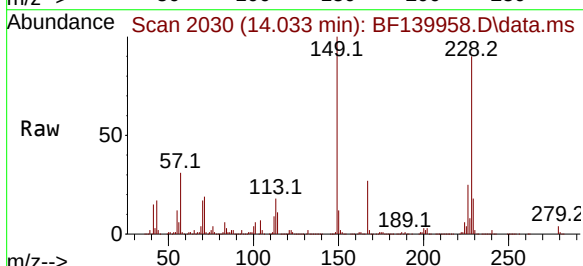
Tgt Ion:149 Resp: 529584

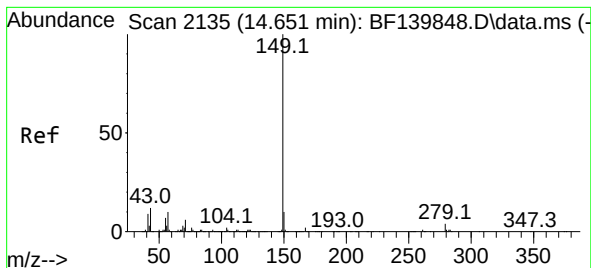
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 56.056 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

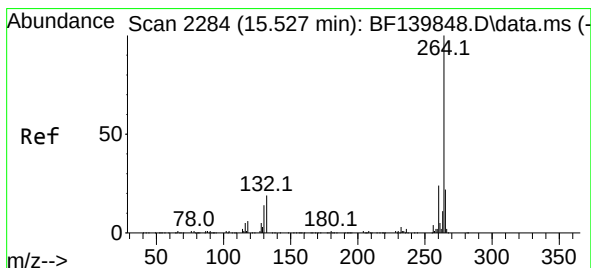
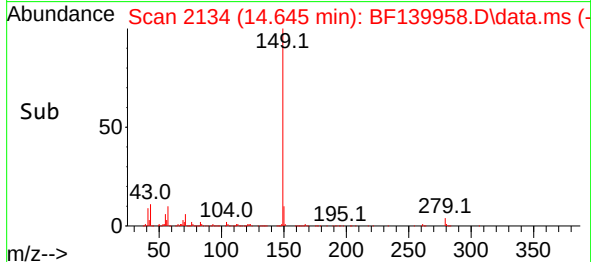
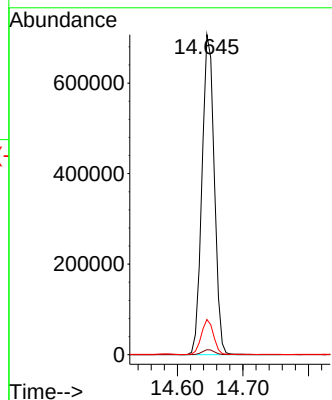
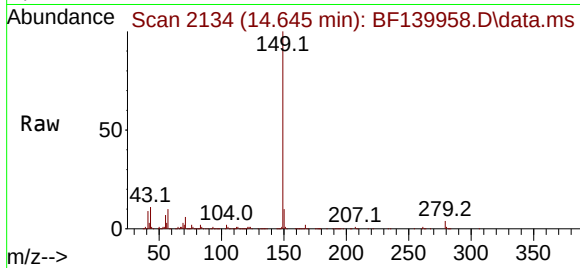
Tgt Ion:149 Resp: 926010

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

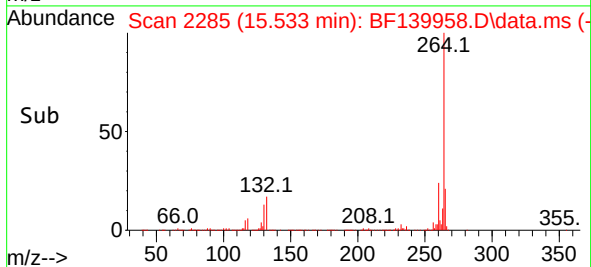
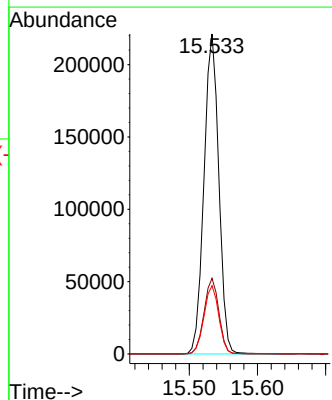
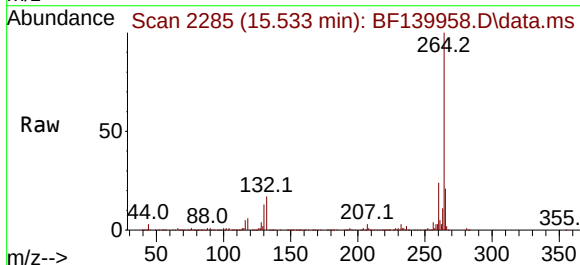
Tgt Ion:264 Resp: 334273

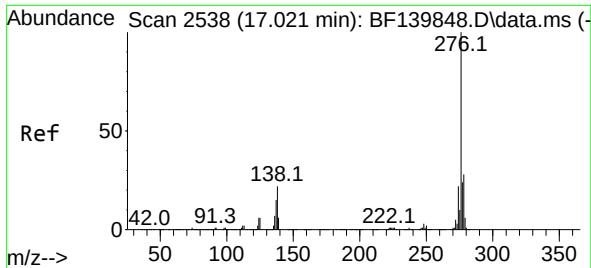
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 17.4 26.0

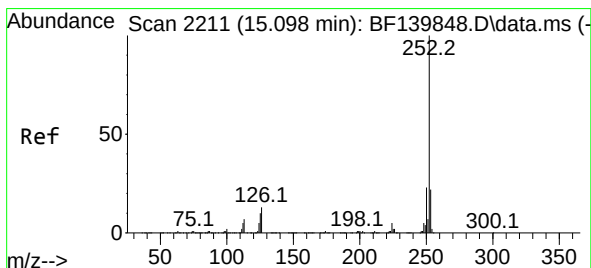
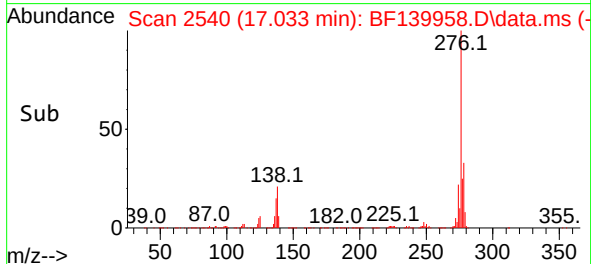
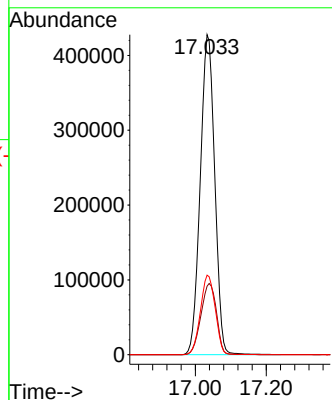
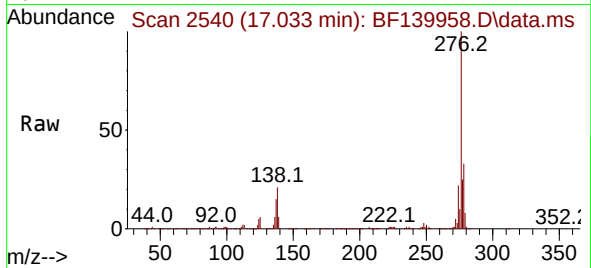




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.468 ng
 RT: 17.033 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

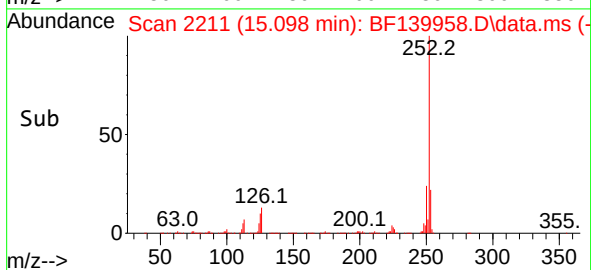
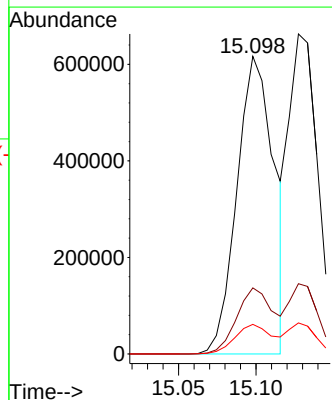
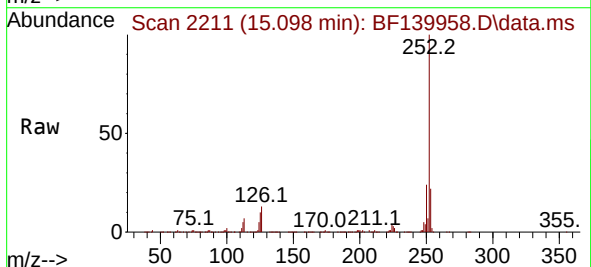
Instrument :
 BNA_F
 ClientSampleId :
 PB164216BS

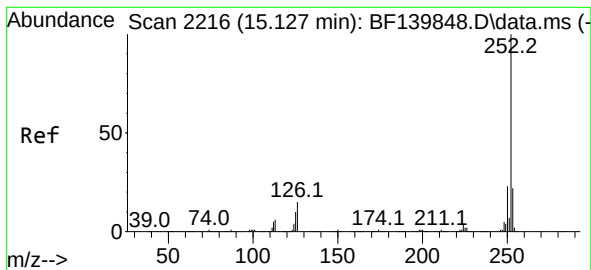
Tgt Ion:276 Resp: 1214317
 Ion Ratio Lower Upper
 276 100
 138 23.8 20.4 30.6
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 50.419 ng
 RT: 15.098 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: BF139958.D
 Acq: 23 Oct 2024 12:10

Tgt Ion:252 Resp: 1026661
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.905 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

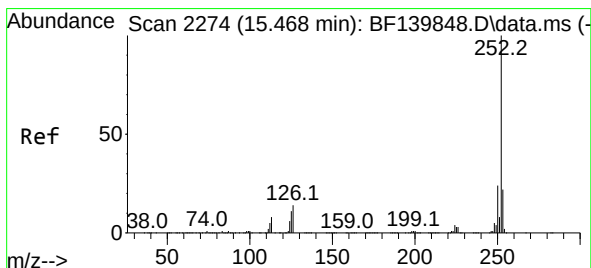
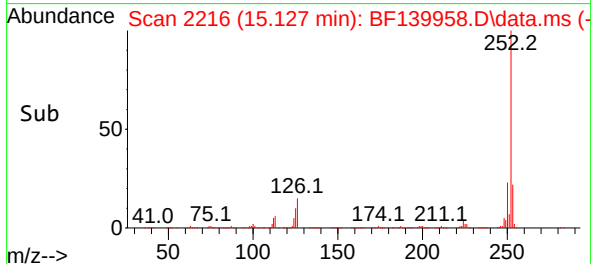
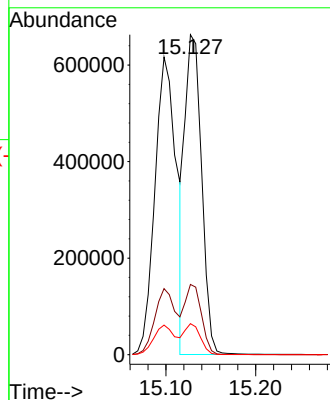
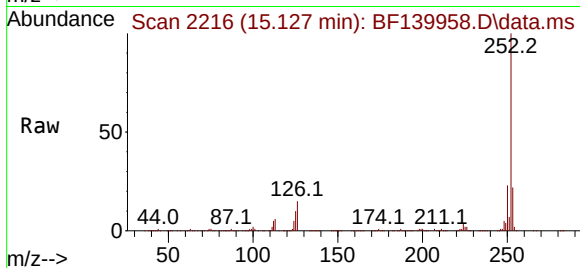
Tgt Ion:252 Resp: 858812

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 54.734 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

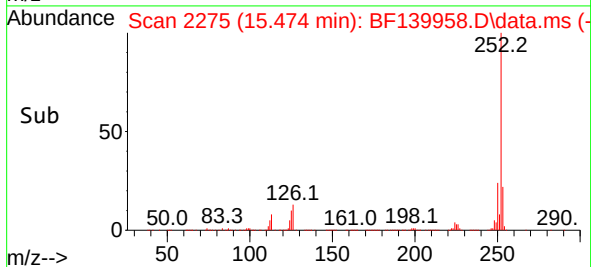
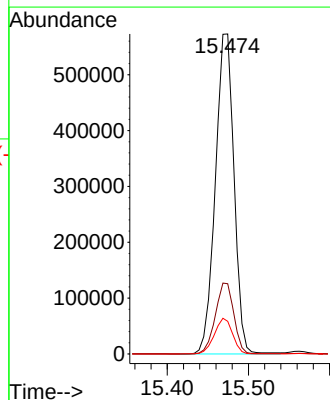
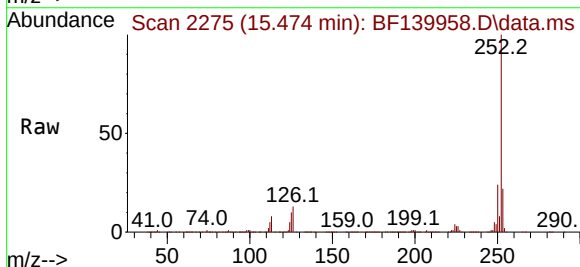
Tgt Ion:252 Resp: 917068

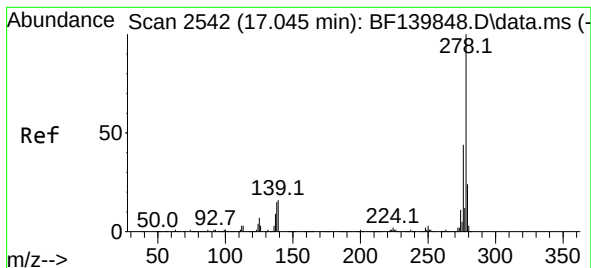
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 55.269 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Instrument :

BNA_F

ClientSampleId :

PB164216BS

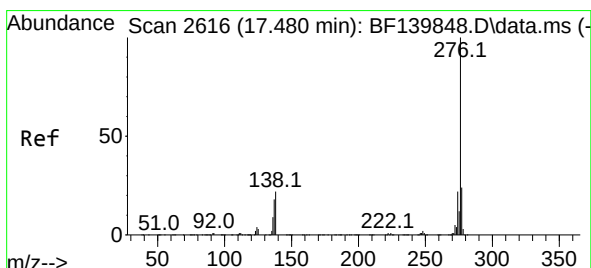
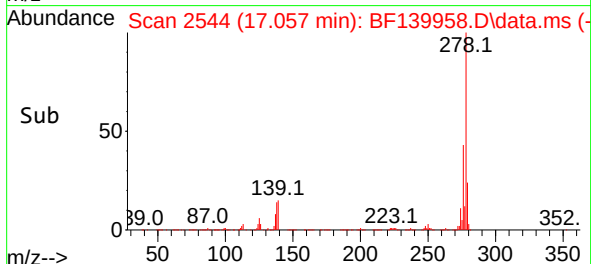
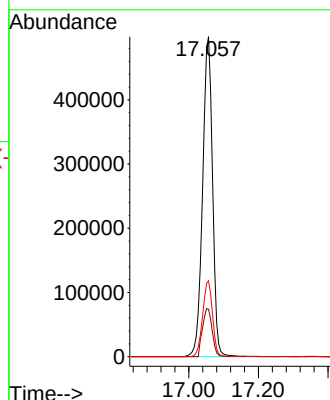
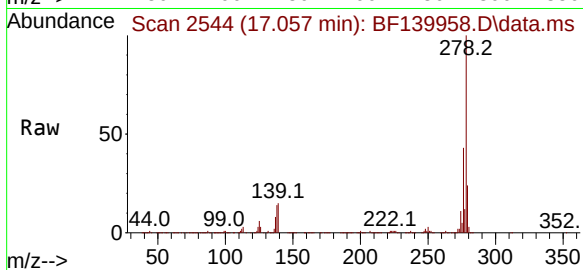
Tgt Ion:278 Resp: 991507

Ion Ratio Lower Upper

278 100

139 14.9 13.1 19.7

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.987 ng

RT: 17.492 min Scan# 2618

Delta R.T. 0.012 min

Lab File: BF139958.D

Acq: 23 Oct 2024 12:10

Tgt Ion:276 Resp: 931568

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 20.2 17.4 26.0

