

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139190.D
 Acq On : 27 Aug 2024 16:50
 Operator : RC/JU
 Sample : P3732-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UI-5MSD

Quant Time: Aug 27 17:27:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	103054	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	383589	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	222997	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	371504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208706	20.000	ng	0.00
86) Perylene-d12	15.521	264	181108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	638618	104.131	ng	0.01
7) Phenol-d6	6.522	99	875658	104.037	ng	0.00
23) Nitrobenzene-d5	7.457	82	567784	82.003	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	235222	123.162	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	942721	65.668	ng	0.00
79) Terphenyl-d14	12.998	244	920755	68.837	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	109917	37.898	ng	98
3) Pyridine	3.487	79	309195	42.897	ng	99
4) n-Nitrosodimethylamine	3.434	42	186256	44.386	ng	97
6) Aniline	6.557	93	339298	43.004	ng	99
8) 2-Chlorophenol	6.675	128	307087	52.704	ng	99
9) Benzaldehyde	6.439	77	133560	25.353	ng	99
10) Phenol	6.534	94	432221	50.883	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	307509	45.946	ng	99
12) 1,3-Dichlorobenzene	6.834	146	334714	43.562	ng	100
13) 1,4-Dichlorobenzene	6.910	146	337290	43.753	ng	100
14) 1,2-Dichlorobenzene	7.063	146	327730	45.185	ng	98
15) Benzyl Alcohol	7.034	79	334267	52.689	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	471578	48.605	ng	97
17) 2-Methylphenol	7.145	107	262918	49.498	ng	98
18) Hexachloroethane	7.404	117	119679	49.070	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	257938	51.238	ng	99
20) 3+4-Methylphenols	7.298	107	336117	49.608	ng	98
22) Acetophenone	7.304	105	449995	45.657	ng	99
24) Nitrobenzene	7.475	77	383285	47.544	ng	97
25) Isophorone	7.716	82	693593	50.655	ng	100
26) 2-Nitrophenol	7.792	139	152175	58.647	ng	97
27) 2,4-Dimethylphenol	7.828	122	254618	62.739	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	388888	49.056	ng	99
29) 2,4-Dichlorophenol	8.028	162	273100	54.519	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	282204	43.686	ng	100
31) Naphthalene	8.198	128	900212	45.897	ng	100
32) Benzoic acid	7.945	122	180902	51.302	ng	98
33) 4-Chloroaniline	8.239	127	119812	17.726	ng	99
34) Hexachlorobutadiene	8.310	225	190153	45.299	ng	99
35) Caprolactam	8.616	113	61374	39.939	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	307011	53.440	ng	99
37) 2-Methylnaphthalene	8.886	142	595871	48.461	ng	100
38) 1-Methylnaphthalene	8.986	142	554496	46.139	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	301016	45.509	ng	99
41) Hexachlorocyclopentadiene	9.039	237	309019	145.496	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	206931	55.951	ng	98

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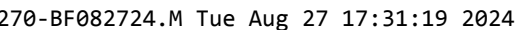
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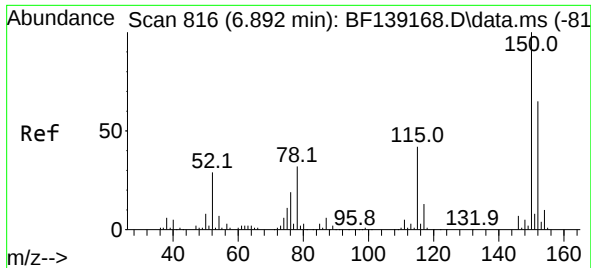
Quant Time: Aug 27 17:27:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	216333	55.804	ng	99
46) 1,1'-Biphenyl	9.351	154	748977	46.402	ng	99
47) 2-Chloronaphthalene	9.375	162	583532	45.315	ng	98
48) 2-Nitroaniline	9.469	65	206191	53.624	ng	97
49) Acenaphthylene	9.792	152	920105	50.709	ng	99
50) Dimethylphthalate	9.651	163	723843	56.191	ng	100
51) 2,6-Dinitrotoluene	9.710	165	154244	55.084	ng	93
52) Acenaphthene	9.963	154	637407	53.475	ng	99
53) 3-Nitroaniline	9.880	138	105625	38.531	ng	96
54) 2,4-Dinitrophenol	9.986	184	131947	92.506	ng	# 48
55) Dibenzofuran	10.133	168	837715	48.156	ng	99
56) 4-Nitrophenol	10.039	139	230345	96.756	ng	99
57) 2,4-Dinitrotoluene	10.116	165	201551	56.448	ng	94
58) Fluorene	10.475	166	657511	47.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	184179	59.278	ng	99
60) Diethylphthalate	10.351	149	715558	58.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	329025	48.851	ng	100
62) 4-Nitroaniline	10.498	138	143920	50.525	ng	97
63) Azobenzene	10.627	77	759270	51.488	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	91379	58.976	ng	92
66) n-Nitrosodiphenylamine	10.586	169	581655	52.866	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	206534	52.323	ng	99
68) Hexachlorobenzene	11.022	284	210207	49.207	ng	99
69) Atrazine	11.116	200	201572	83.994	ng	99
70) Pentachlorophenol	11.216	266	252483	100.670	ng	99
71) Phenanthrene	11.439	178	919403	48.974	ng	100
72) Anthracene	11.492	178	936996	51.202	ng	100
73) Carbazole	11.645	167	776552	47.436	ng	100
74) Di-n-butylphthalate	11.974	149	1038488	73.192	ng	99
75) Fluoranthene	12.621	202	825186	45.293	ng	99
77) Benzidine	12.745	184	348943	99.081	ng	99
78) Pyrene	12.851	202	818160	41.733	ng	100
80) Butylbenzylphthalate	13.474	149	335174	79.935	ng	99
81) Benzo(a)anthracene	14.039	228	672266	48.615	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	151338	47.005	ng	99
83) Chrysene	14.074	228	644366	51.656	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	435059	84.544	ng	99
85) Di-n-octyl phthalate	14.645	149	707351	71.217	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	438578	35.416	ng	99
88) Benzo(b)fluoranthene	15.092	252	572578	54.046	ng	99
89) Benzo(k)fluoranthene	15.121	252	568524	59.355	ng	99
90) Benzo(a)pyrene	15.462	252	502498	55.880	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	363910	35.854	ng	99
92) Benzo(g,h,i)perylene	17.445	276	308892	29.422	ng	100

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

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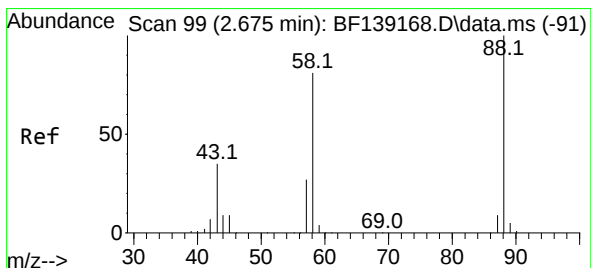
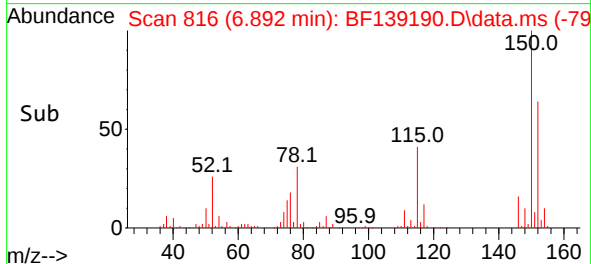
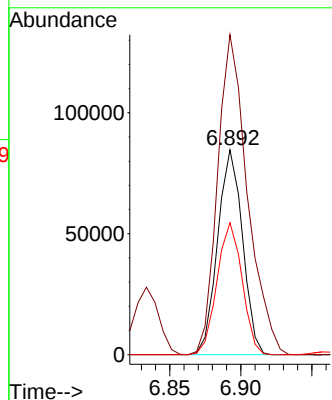
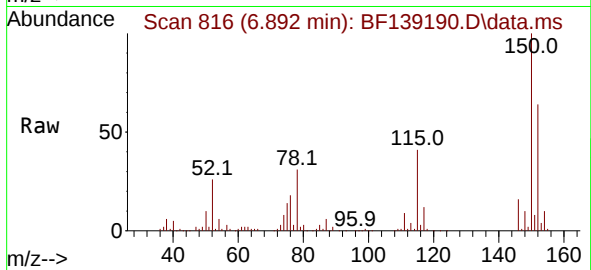




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

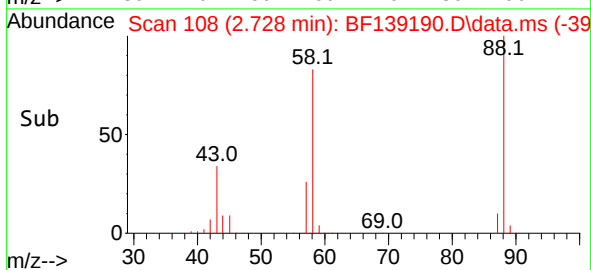
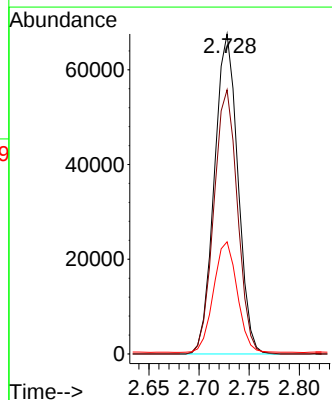
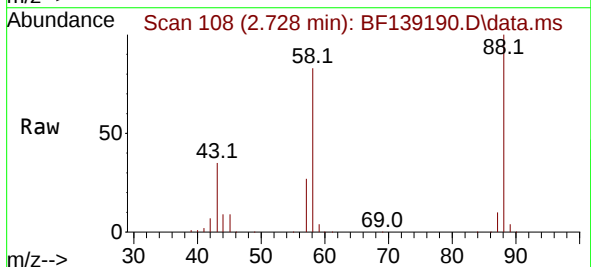
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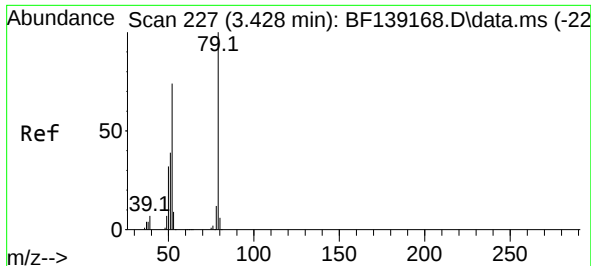
Tgt Ion:152 Resp: 103054
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.7 185.5
 115 64.4 51.8 77.8



#2
 1,4-Dioxane
 Concen: 37.898 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.053 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Tgt Ion: 88 Resp: 109917
 Ion Ratio Lower Upper
 88 100
 58 83.2 65.0 97.6
 43 35.0 28.4 42.6

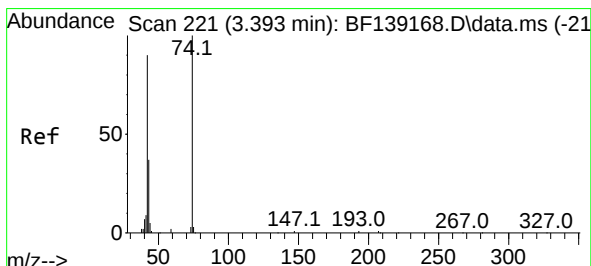
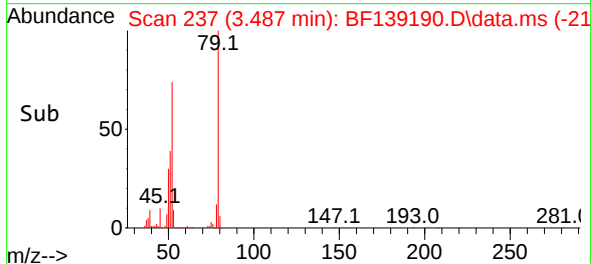
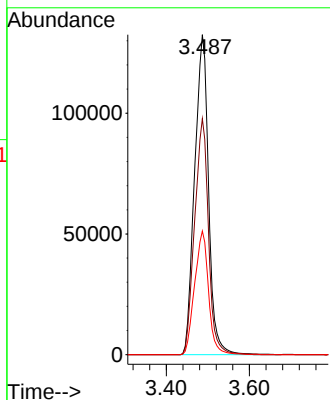
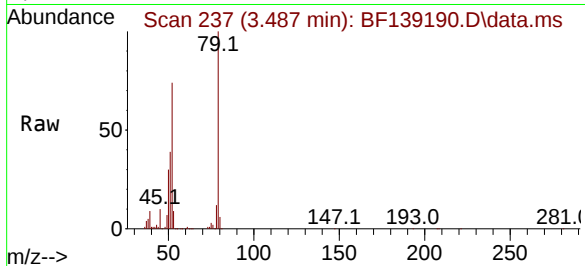




#3
 Pyridine
 Concen: 42.897 ng
 RT: 3.487 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

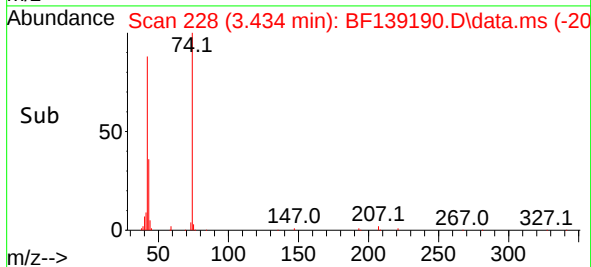
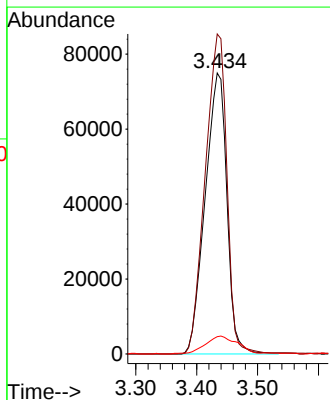
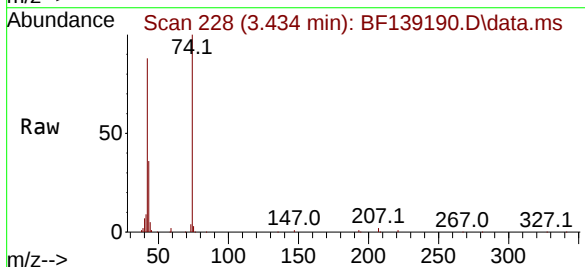
Instrument :
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 ClientSampleId :
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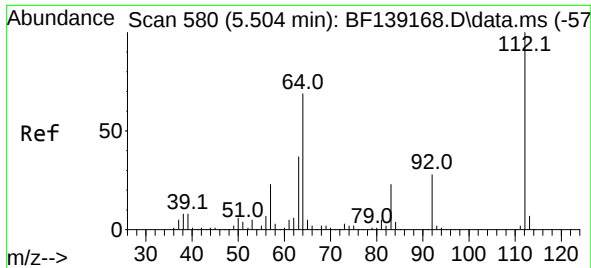
Tgt Ion: 79 Resp: 309195
 Ion Ratio Lower Upper
 79 100
 52 73.7 59.5 89.3
 51 38.7 31.4 47.0



#4
 n-Nitrosodimethylamine
 Concen: 44.386 ng
 RT: 3.434 min Scan# 228
 Delta R.T. 0.041 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Tgt Ion: 42 Resp: 186256
 Ion Ratio Lower Upper
 42 100
 74 113.9 88.6 132.8
 44 6.1 5.0 7.4

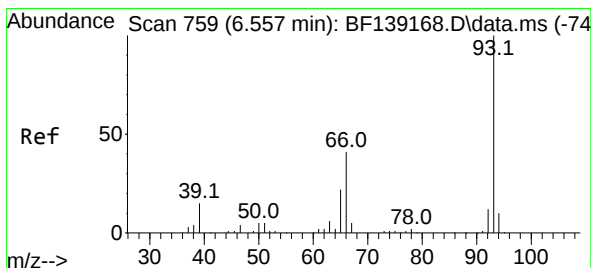
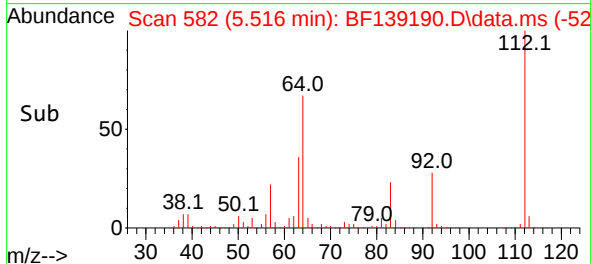
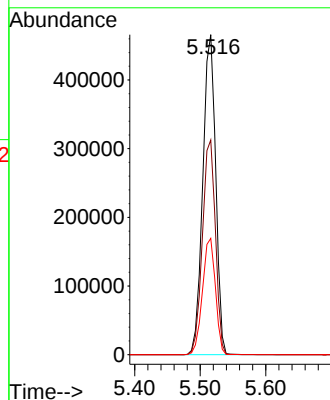
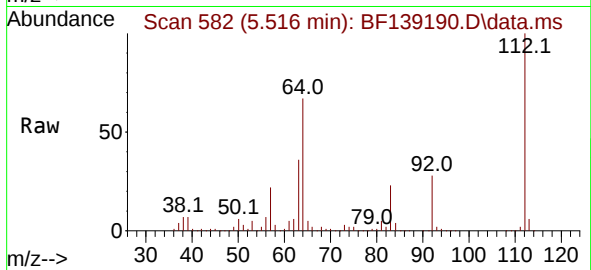




#5
2-Fluorophenol
Concen: 104.131 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

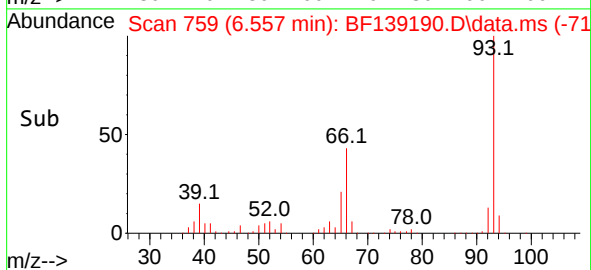
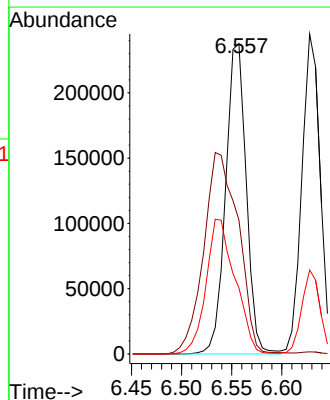
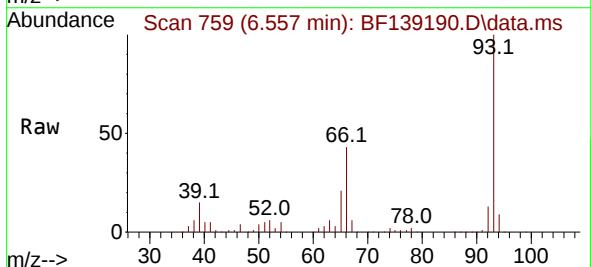
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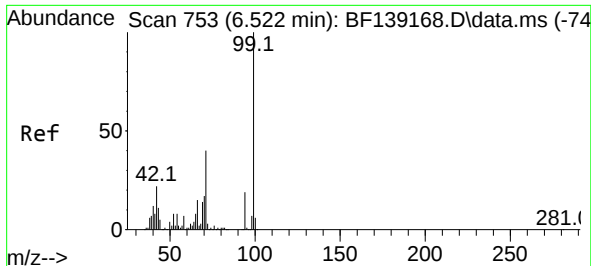
Tgt Ion:112 Resp: 638618
Ion Ratio Lower Upper
112 100
64 67.1 55.5 83.3
63 36.4 29.8 44.6



#6
Aniline
Concen: 43.004 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.030 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion: 93 Resp: 339298
Ion Ratio Lower Upper
93 100
66 43.2 35.0 52.4
65 21.3 17.2 25.8

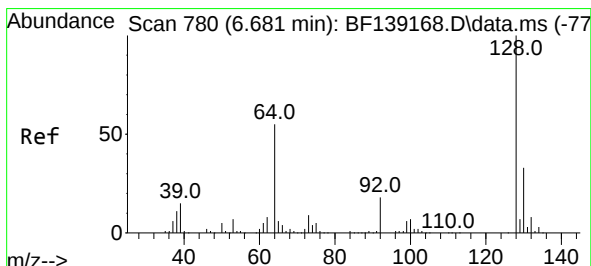
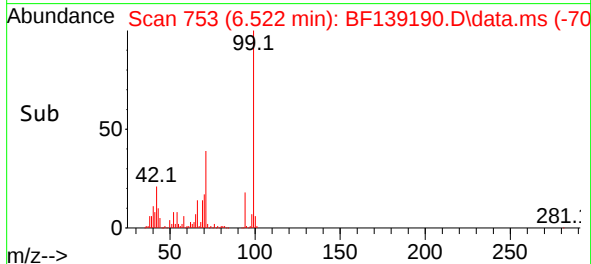
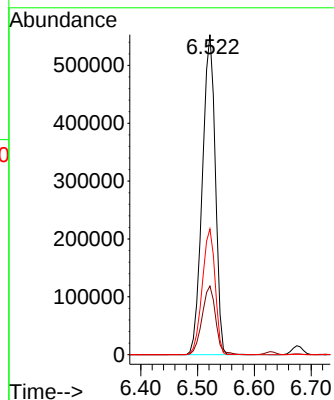
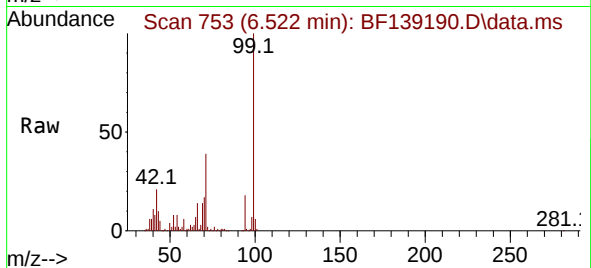




#7
Phenol-d6
Concen: 104.037 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

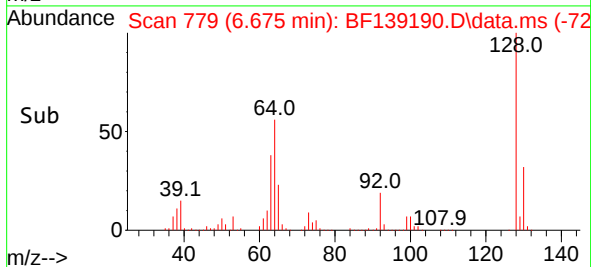
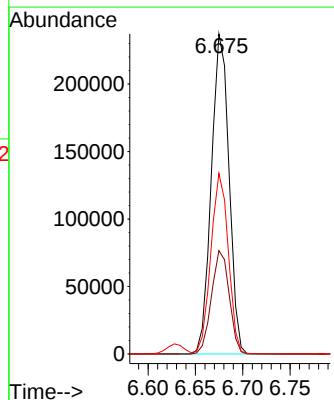
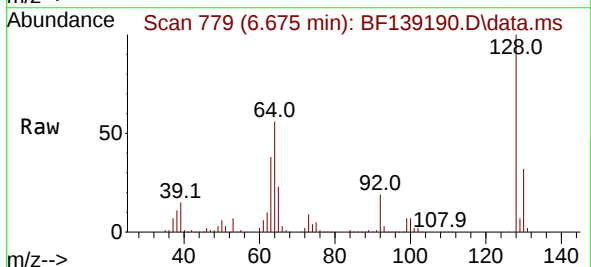
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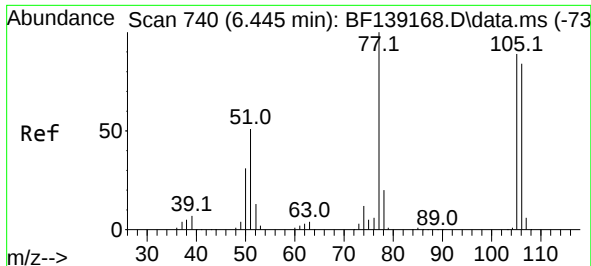
Tgt Ion: 99 Resp: 875658
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.3 31.7 47.5



#8
2-Chlorophenol
Concen: 52.704 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion: 128 Resp: 307087
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 56.5 37.3 77.3





#9

Benzaldehyde

Concen: 25.353 ng

RT: 6.439 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

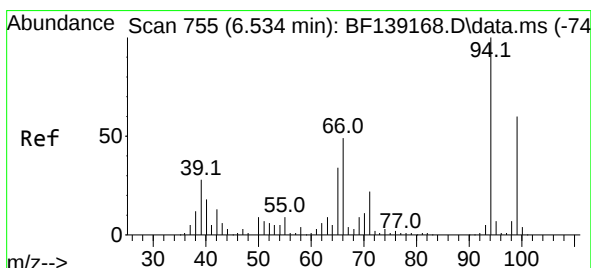
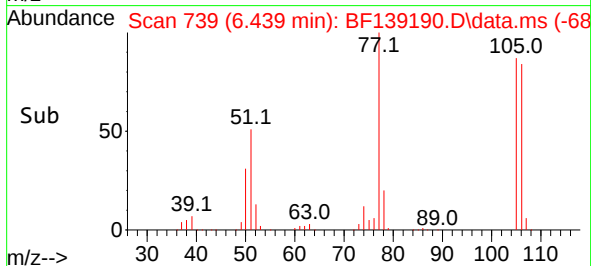
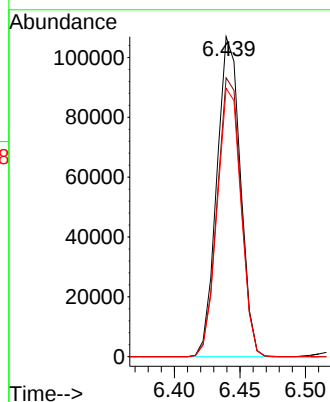
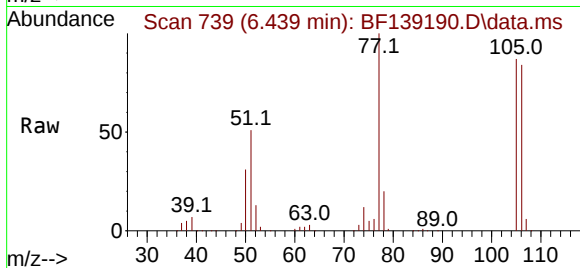
Tgt Ion: 77 Resp: 133560

Ion Ratio Lower Upper

77 100

105 87.2 68.7 108.7

106 83.8 64.2 104.2



#10

Phenol

Concen: 50.883 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.000 min

Lab File: BF139190.D

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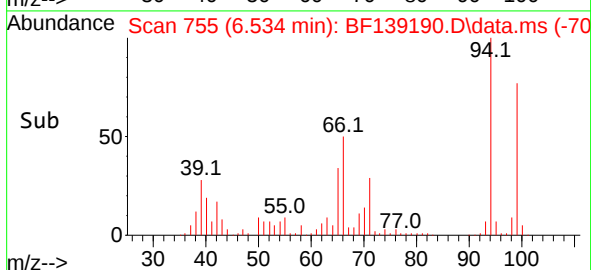
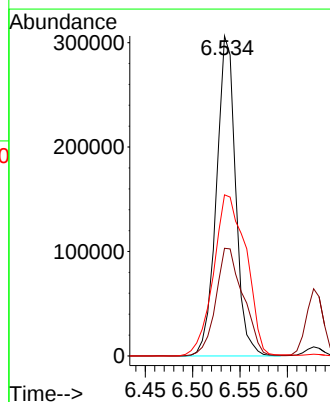
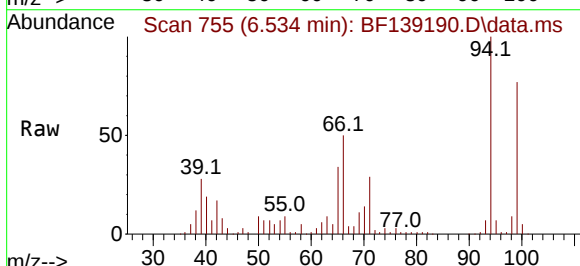
Tgt Ion: 94 Resp: 432221

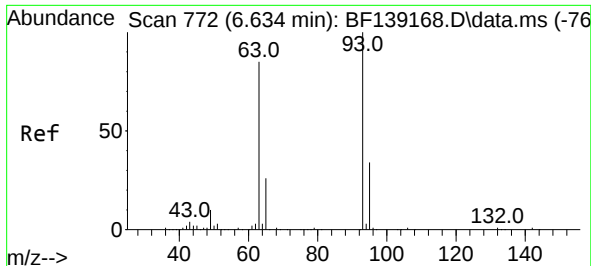
Ion Ratio Lower Upper

94 100

65 33.7 14.1 54.1

66 50.4 29.8 69.8

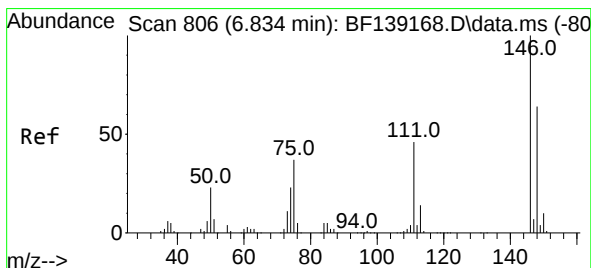
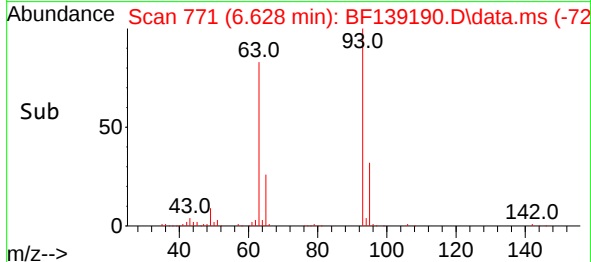
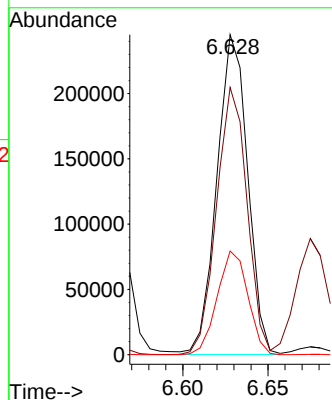
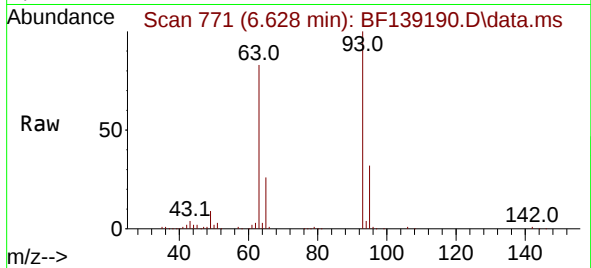




#11
bis(2-Chloroethyl)ether
Concen: 45.946 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

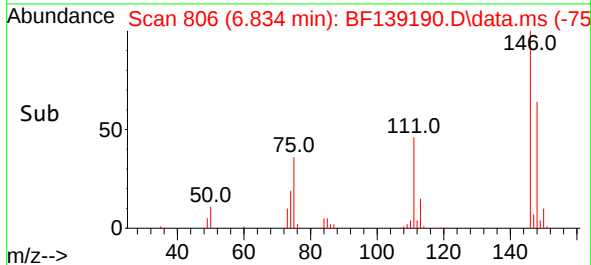
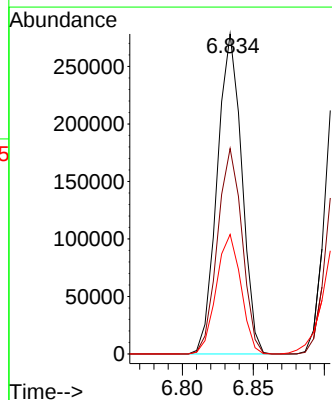
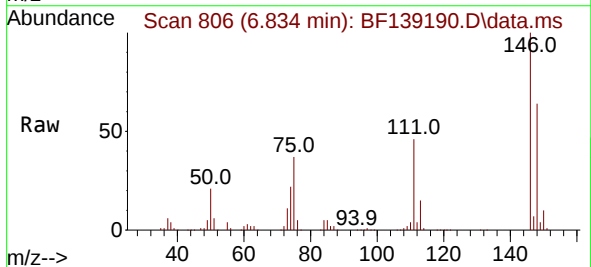
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

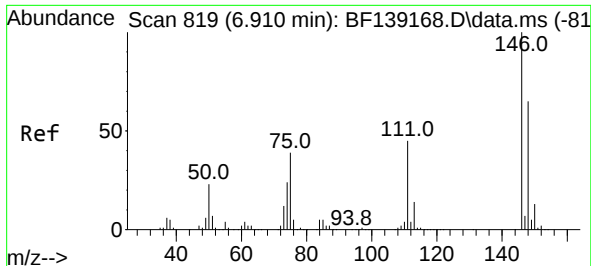
Tgt Ion: 93 Resp: 307509
Ion Ratio Lower Upper
93 100
63 83.5 62.4 102.4
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 43.562 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:146 Resp: 334714
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 37.4 29.9 44.9

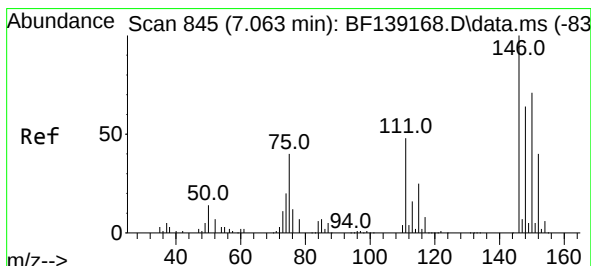
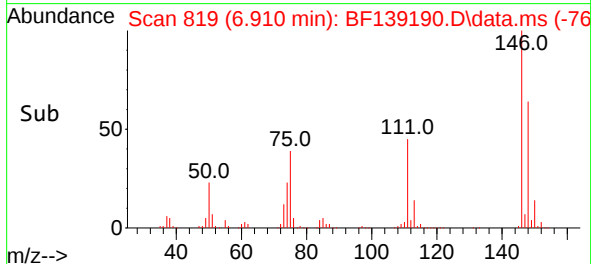
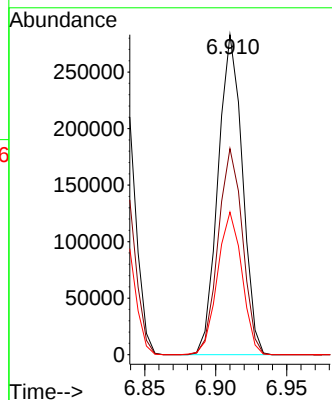
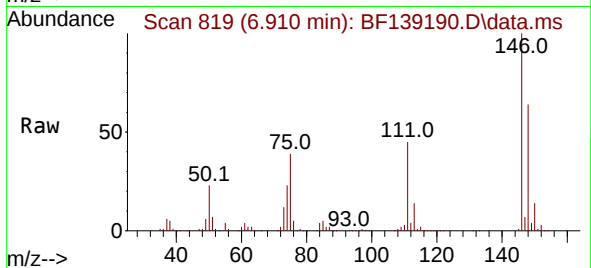




#13
1,4-Dichlorobenzene
Concen: 43.753 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

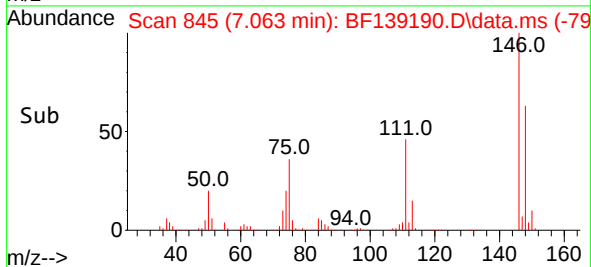
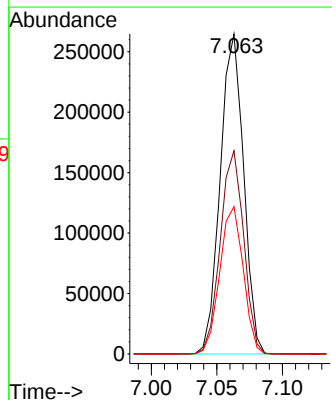
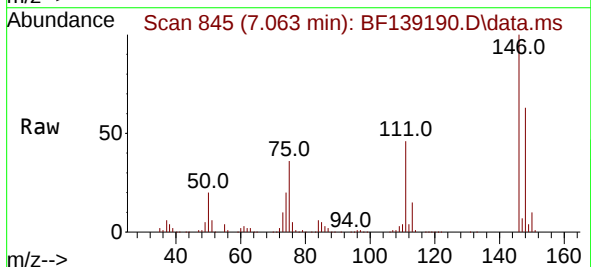
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

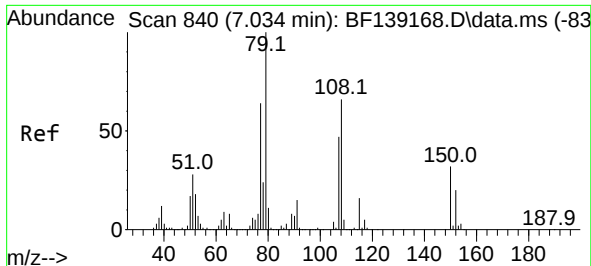
Tgt Ion:146 Resp: 337290
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 44.6 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 45.185 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:146 Resp: 327730
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 46.1 38.6 58.0

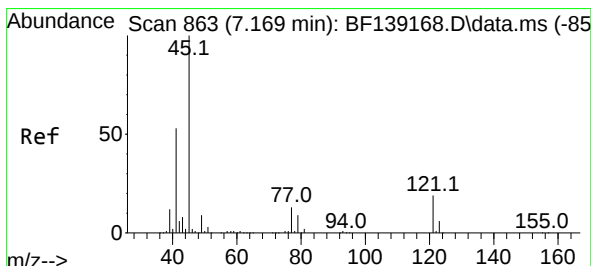
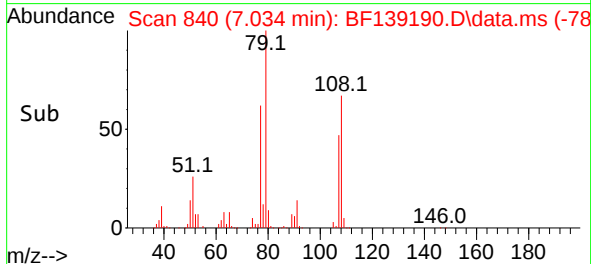
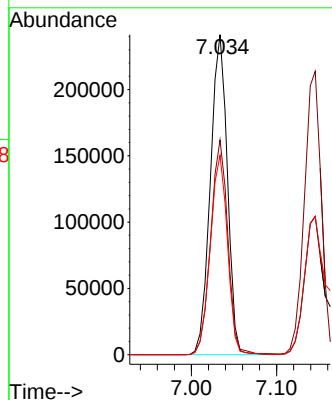
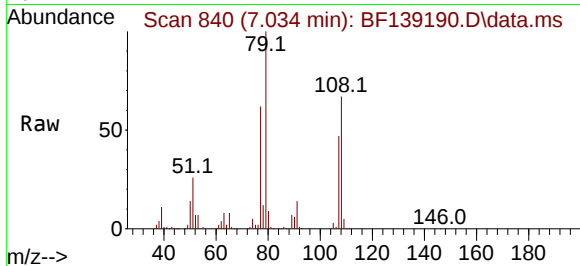




#15
Benzyl Alcohol
Concen: 52.689 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

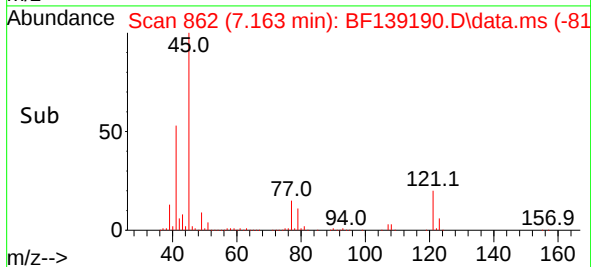
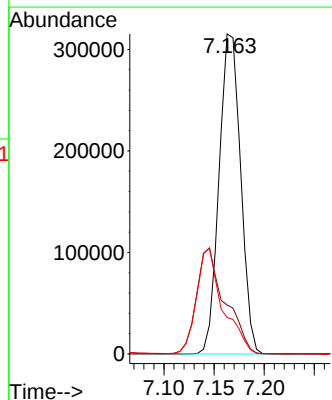
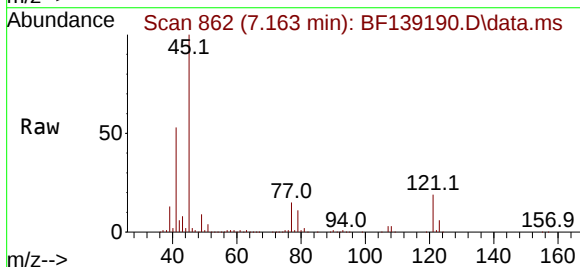
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

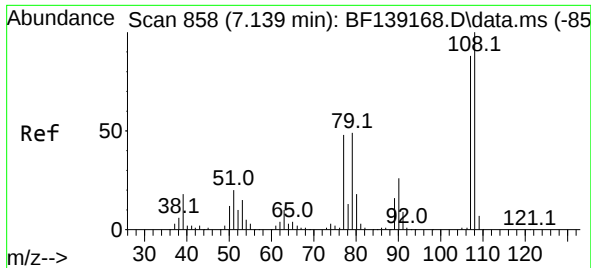
Tgt Ion: 79 Resp: 334267
Ion Ratio Lower Upper
79 100
108 67.1 52.7 79.1
77 62.4 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.605 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion: 45 Resp: 471578
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.9
79 11.4 0.0 30.5

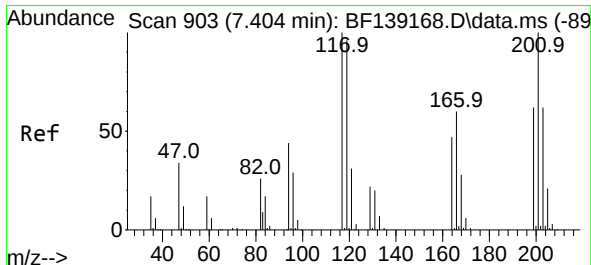
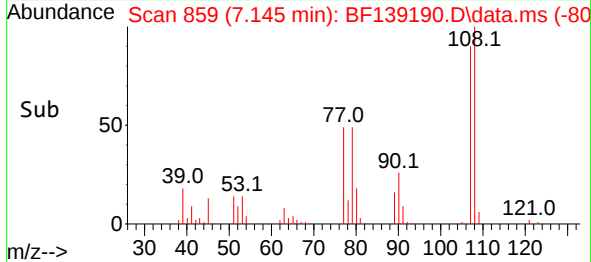
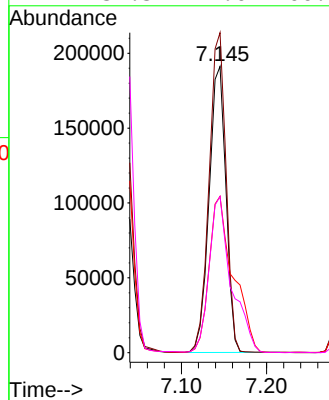
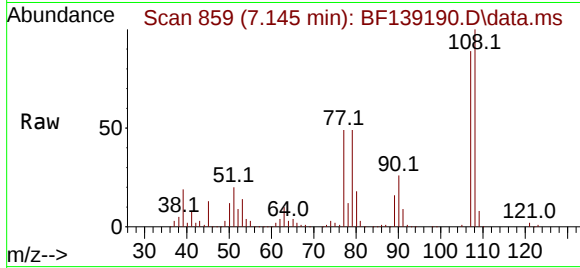




#17
2-Methylphenol
Concen: 49.498 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

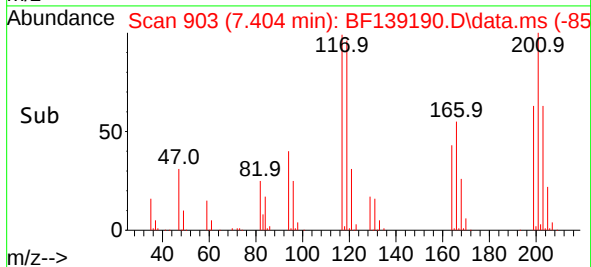
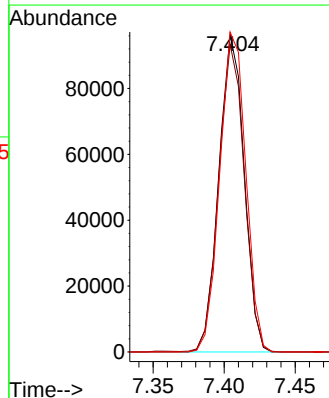
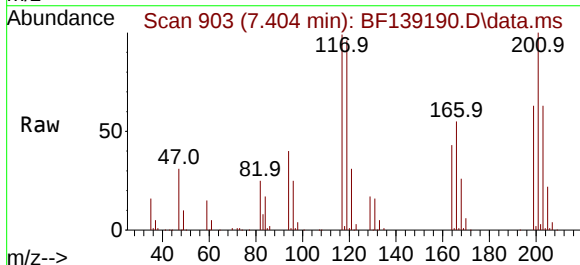
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

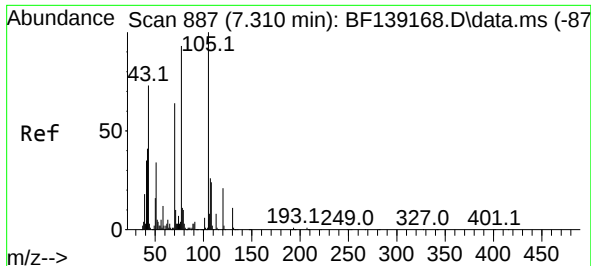
Tgt Ion:	107	Resp:	262918
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.4	137.0
77	54.6	44.3	66.5
79	54.5	44.6	66.8



#18
Hexachloroethane
Concen: 49.070 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:	117	Resp:	119679
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.1	115.7
201	100.9	79.7	119.5



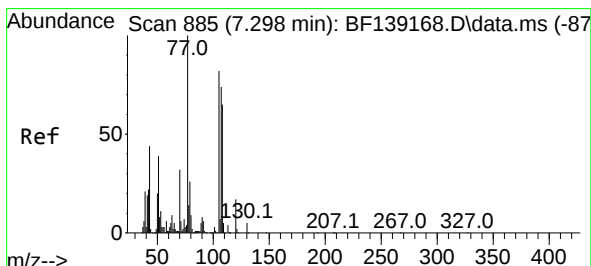
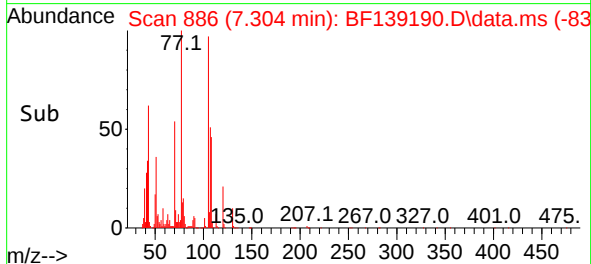
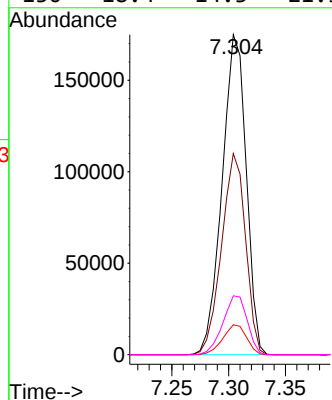
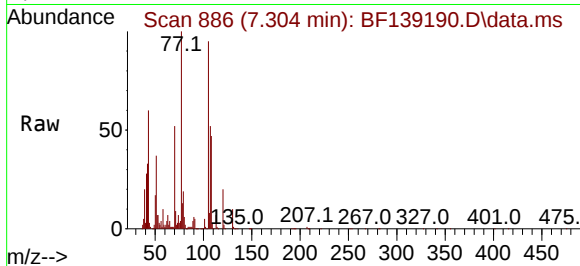


#19
n-Nitroso-di-n-propylamine
Concen: 51.238 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Instrument :
BNA_F
ClientSampleId :
UI-5MSD

Tgt Ion: 70 Resp: 257938

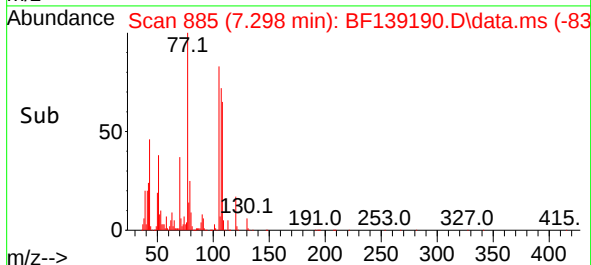
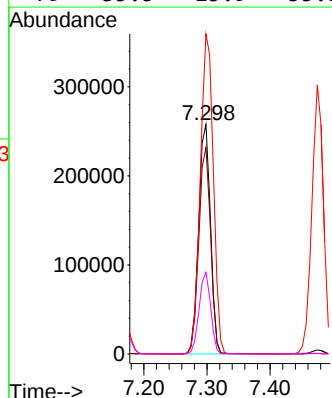
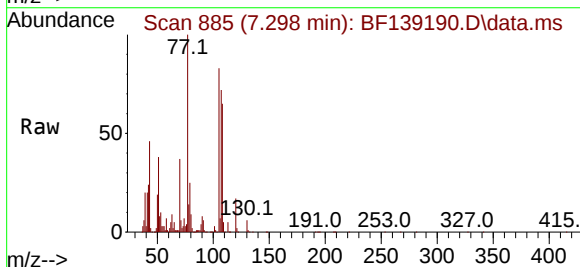
Ion	Ratio	Lower	Upper
70	100		
42	62.8	50.8	76.2
101	9.3	7.4	11.0
130	18.4	14.3	21.5

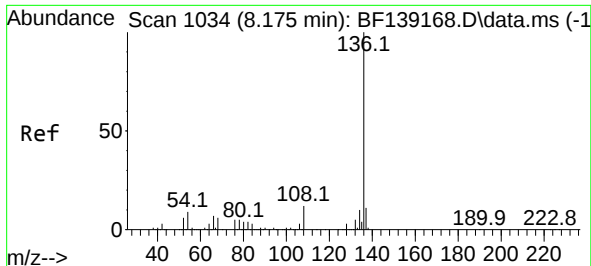


#20
3+4-Methylphenols
Concen: 49.608 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion: 107 Resp: 336117

Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.5	108.5
77	139.4	115.7	155.7
79	35.5	15.9	55.9

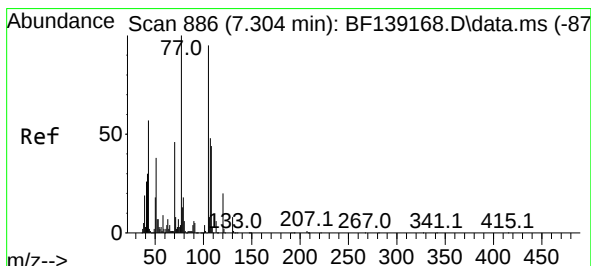
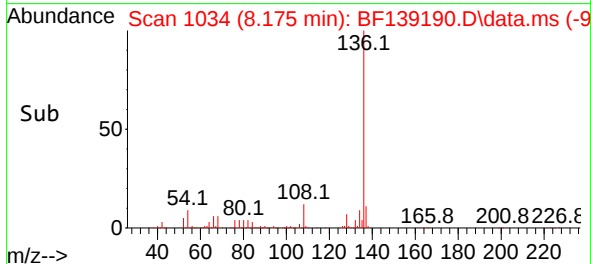
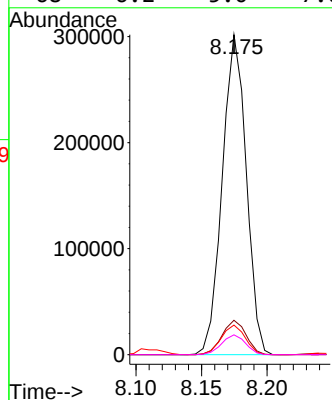
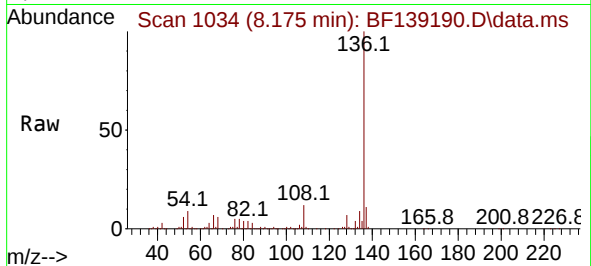




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

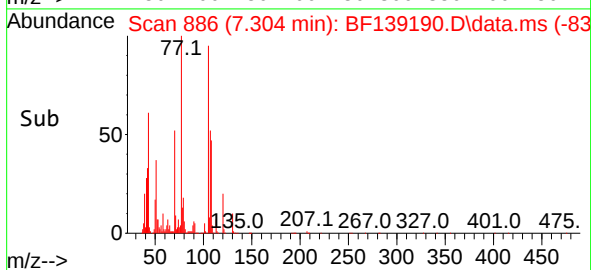
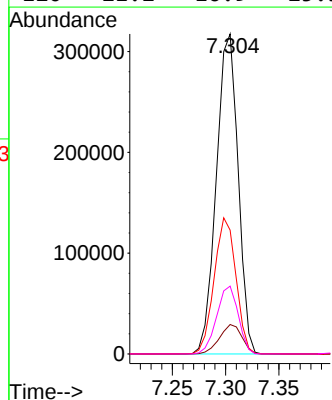
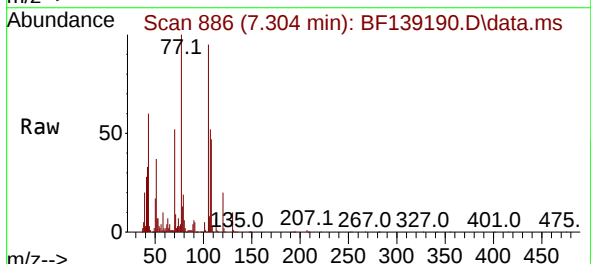
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

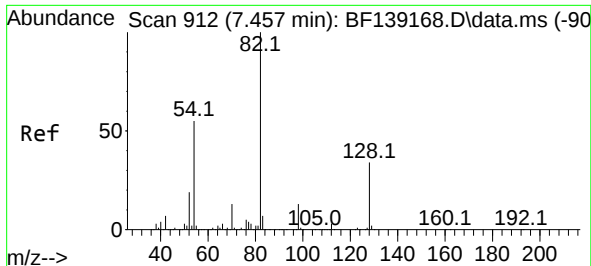
Tgt Ion:	136	Resp:	383589
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.2	7.6	11.4
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 45.657 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:	105	Resp:	449995
Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.5	9.7
51	38.7	31.8	47.6
120	21.2	16.9	25.3





#23

Nitrobenzene-d5

Concen: 82.003 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

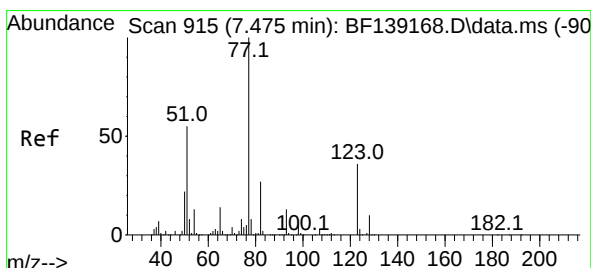
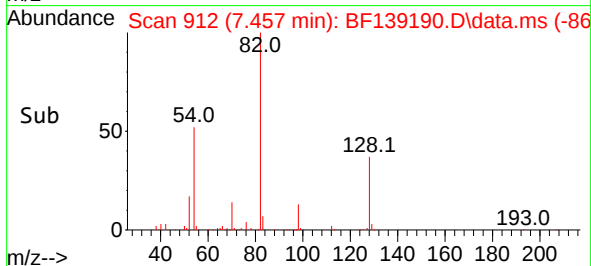
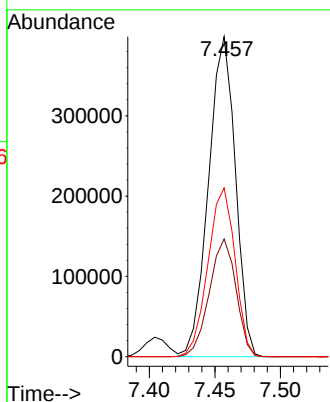
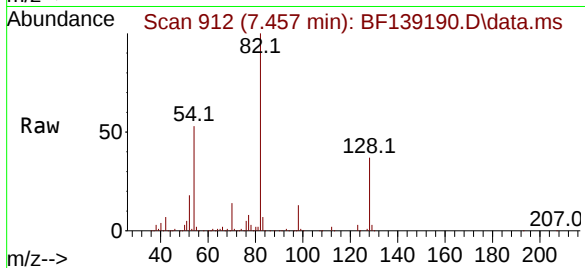
Tgt Ion: 82 Resp: 567784

Ion Ratio Lower Upper

82 100

128 36.8 27.1 40.7

54 52.7 44.2 66.4



#24

Nitrobenzene

Concen: 47.544 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

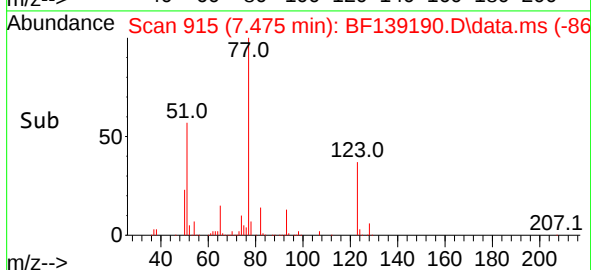
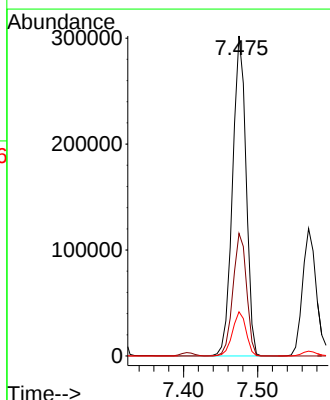
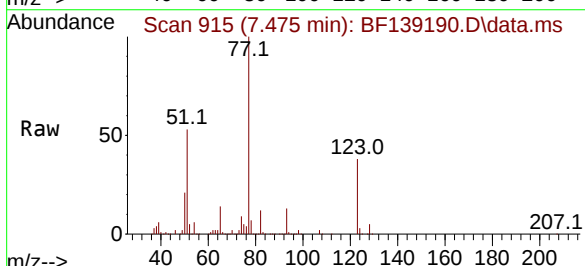
Tgt Ion: 77 Resp: 383285

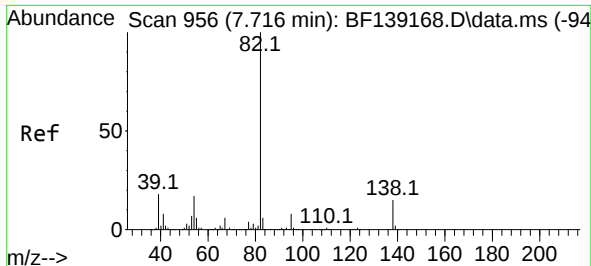
Ion Ratio Lower Upper

77 100

123 38.3 28.7 43.1

65 13.8 10.9 16.3

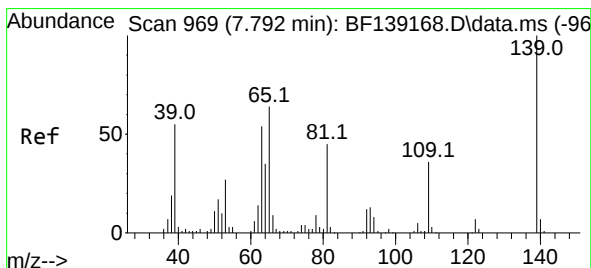
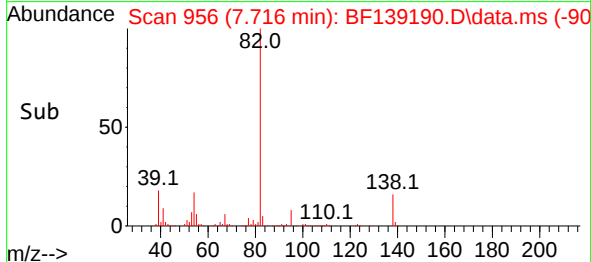
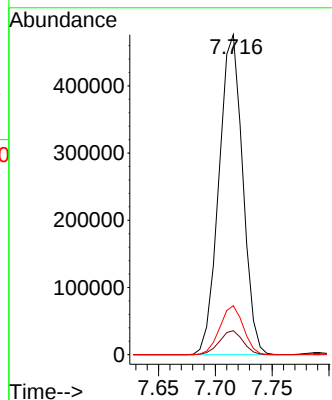
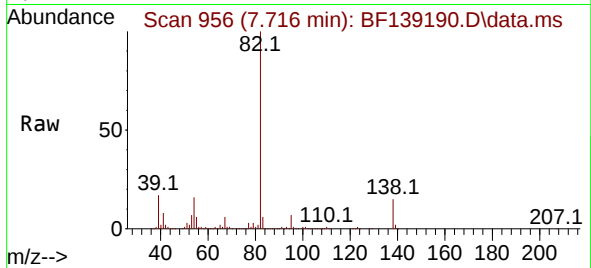




#25
Isophorone
Concen: 50.655 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

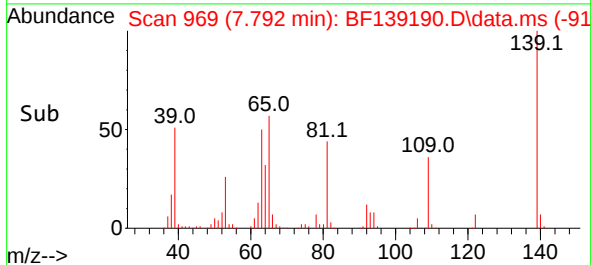
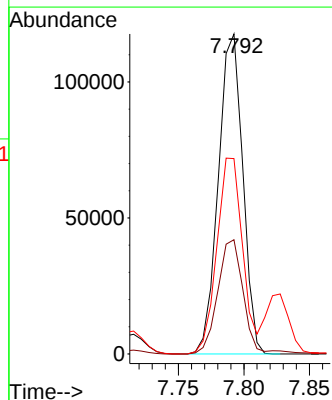
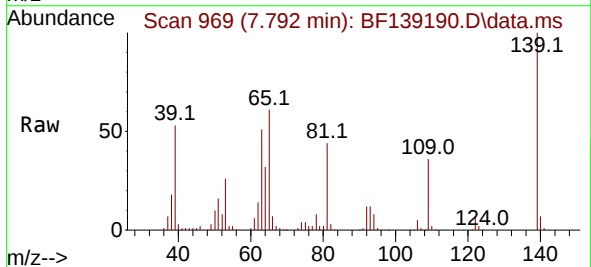
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

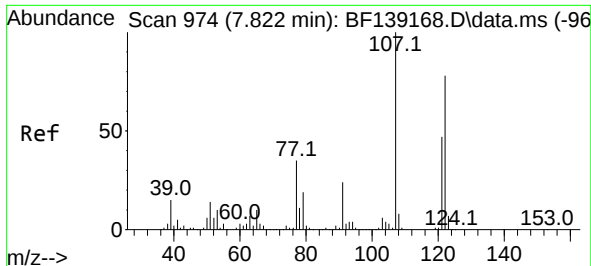
Tgt Ion: 82 Resp: 693593
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.3 12.2 18.4



#26
2-Nitrophenol
Concen: 58.647 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:139 Resp: 152175
Ion Ratio Lower Upper
139 100
109 35.7 28.9 43.3
65 61.0 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 62.739 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

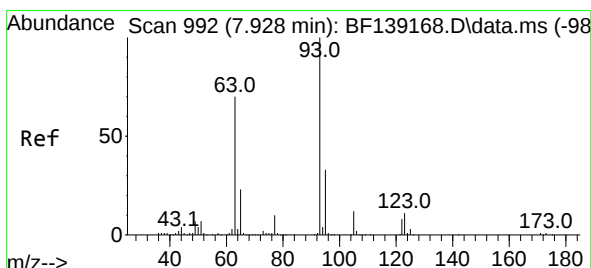
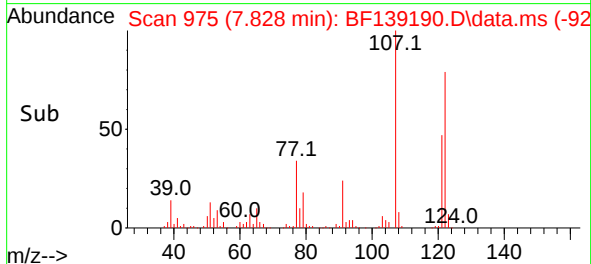
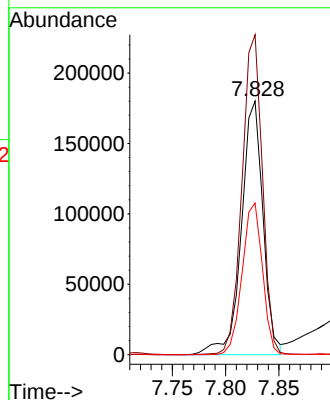
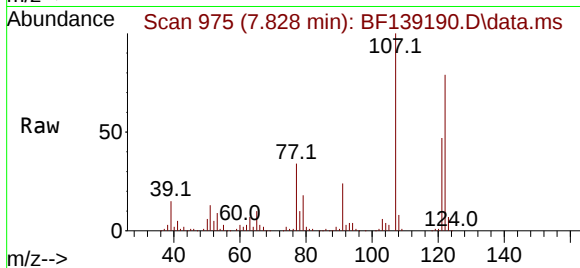
Tgt Ion:122 Resp: 254618

Ion Ratio Lower Upper

122 100

107 126.1 102.1 153.1

121 59.8 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.056 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

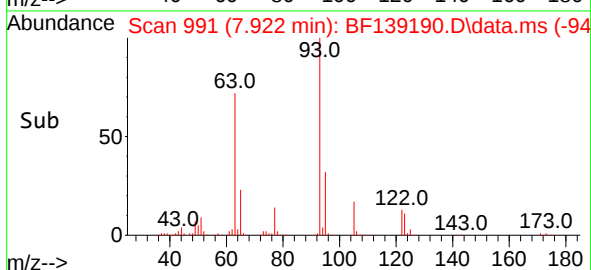
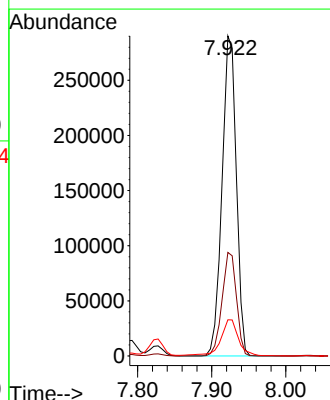
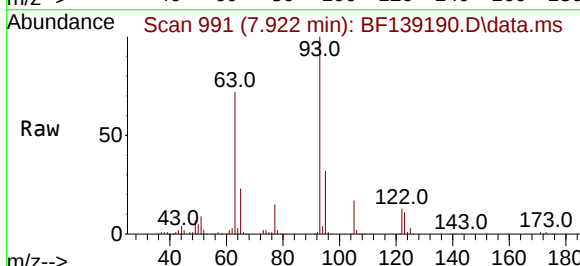
Tgt Ion: 93 Resp: 388888

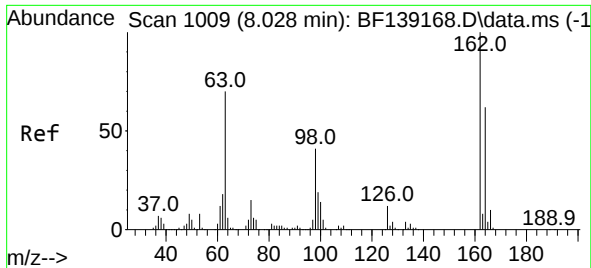
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.3 9.2 13.8

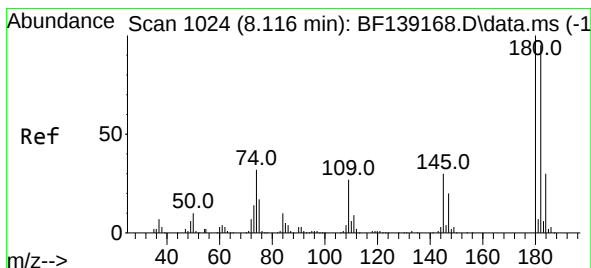
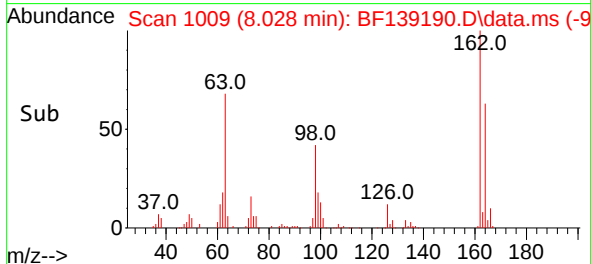
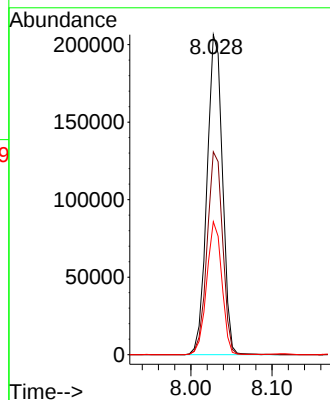
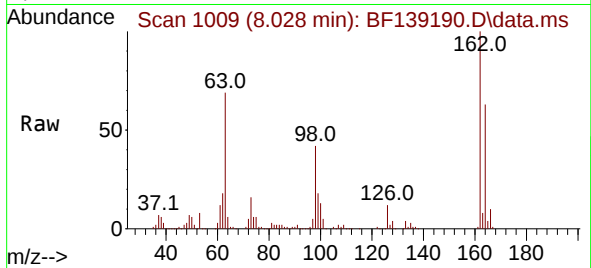




#29
2,4-Dichlorophenol
Concen: 54.519 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

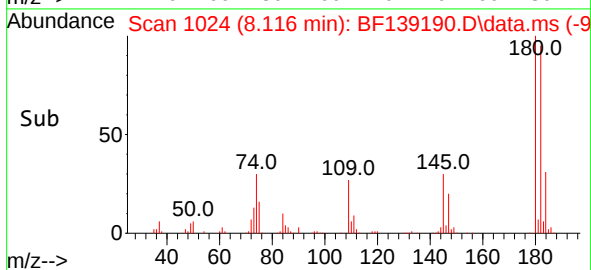
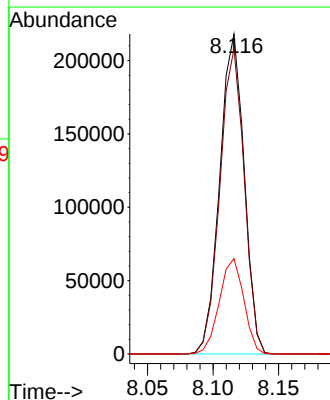
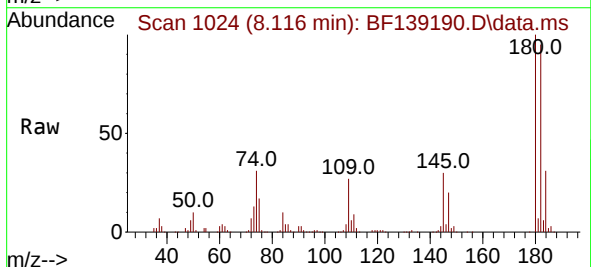
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

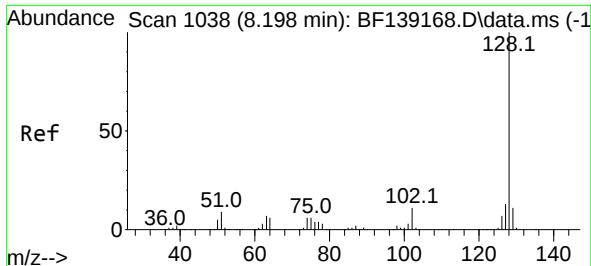
Tgt Ion:162 Resp: 273100
Ion Ratio Lower Upper
162 100
164 63.4 42.3 82.3
98 41.6 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 43.686 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:180 Resp: 282204
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.2
145 29.8 23.6 35.4

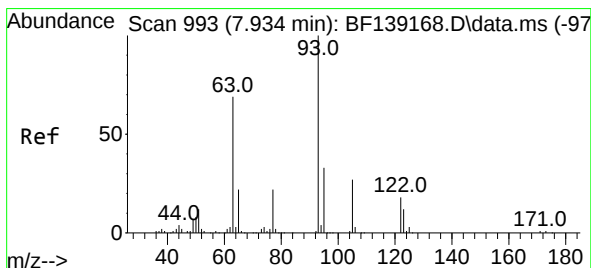
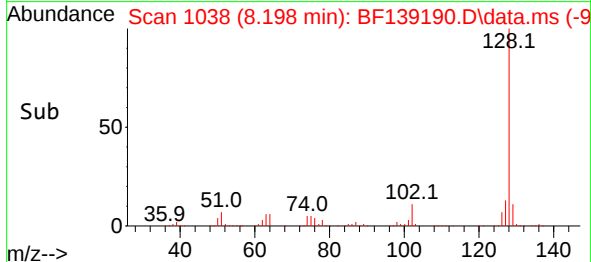
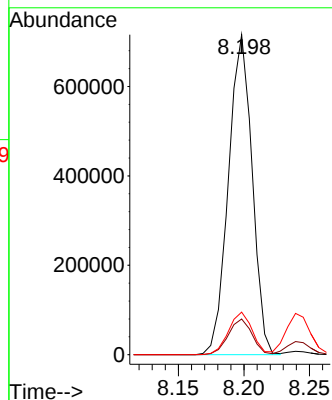
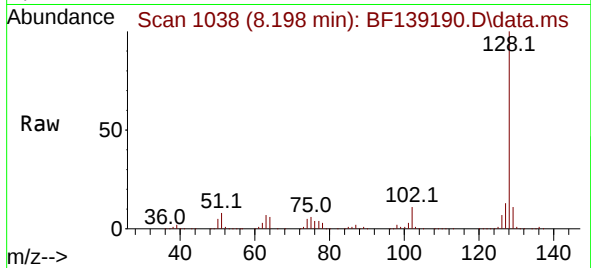




#31
Naphthalene
Concen: 45.897 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

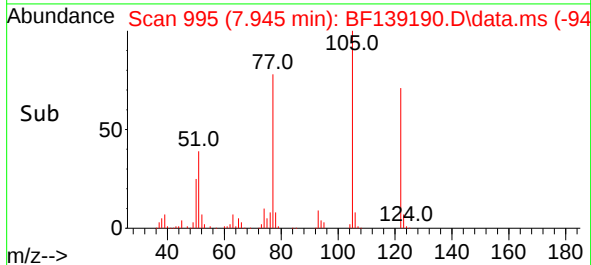
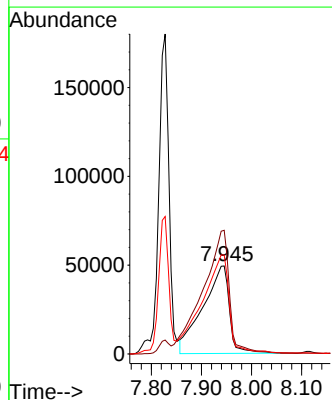
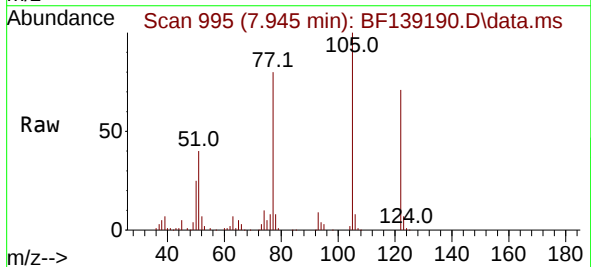
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

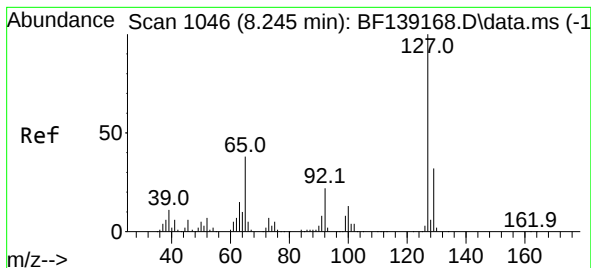
Tgt Ion:128 Resp: 900212
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 51.302 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.011 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:122 Resp: 180902
Ion Ratio Lower Upper
122 100
105 140.4 118.9 158.9
77 112.2 96.4 136.4





#33

4-Chloroaniline

Concen: 17.726 ng

RT: 8.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

Tgt Ion:127 Resp: 119812

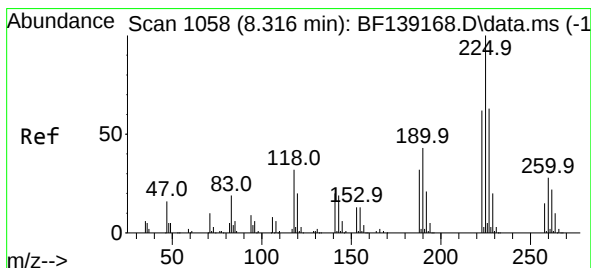
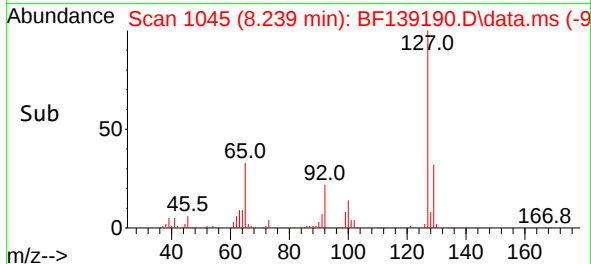
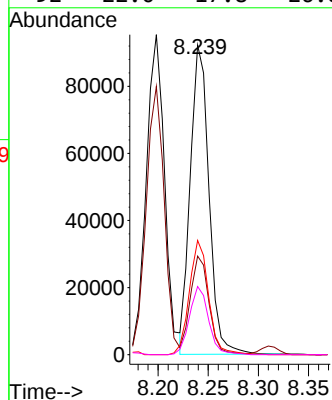
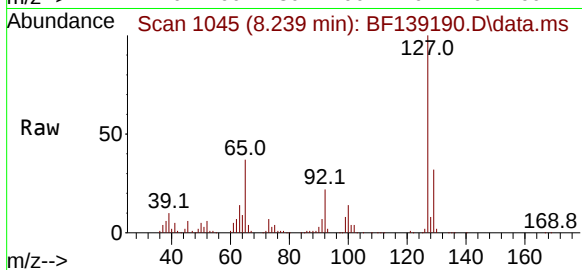
Ion Ratio Lower Upper

127 100

129 31.8 25.7 38.5

65 36.9 30.8 46.2

92 22.0 17.8 26.8



#34

Hexachlorobutadiene

Concen: 45.299 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

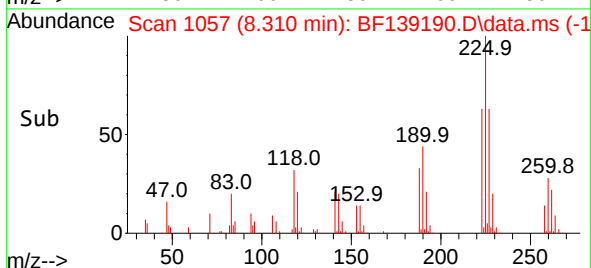
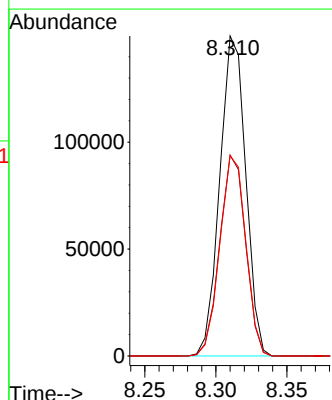
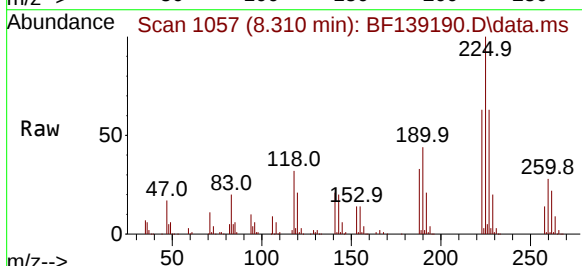
Tgt Ion:225 Resp: 190153

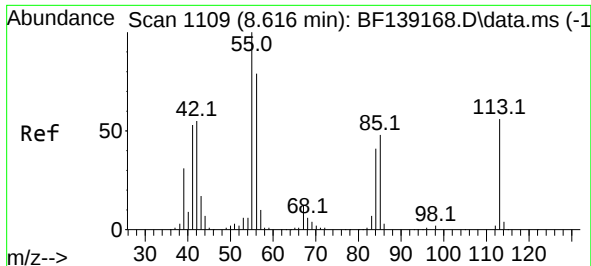
Ion Ratio Lower Upper

225 100

223 62.8 49.7 74.5

227 62.6 50.3 75.5

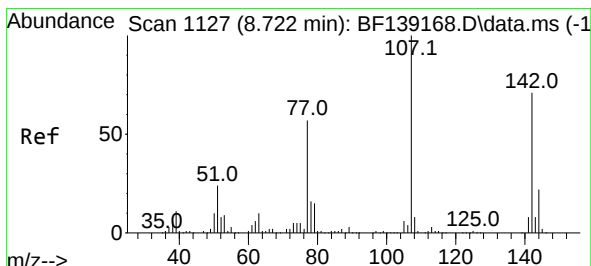
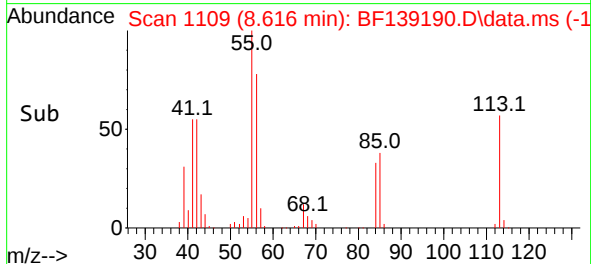
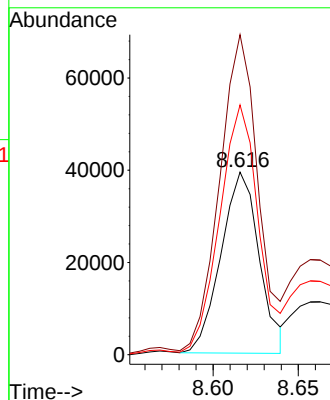
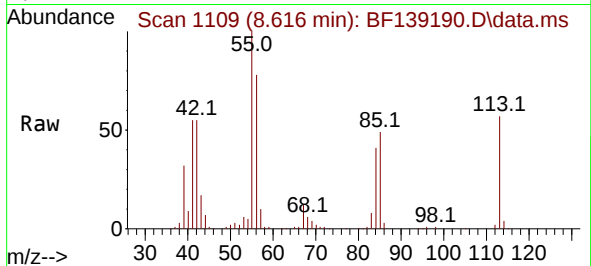




#35
 Caprolactam
 Concen: 39.939 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

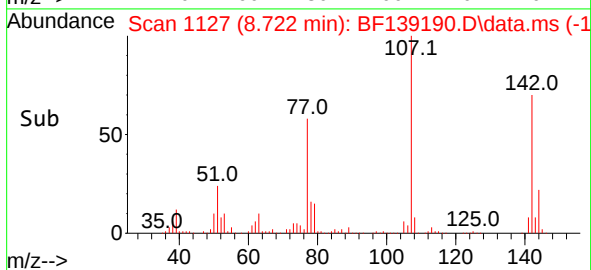
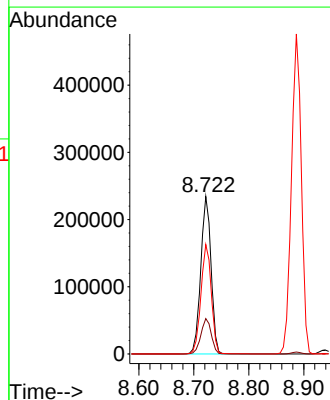
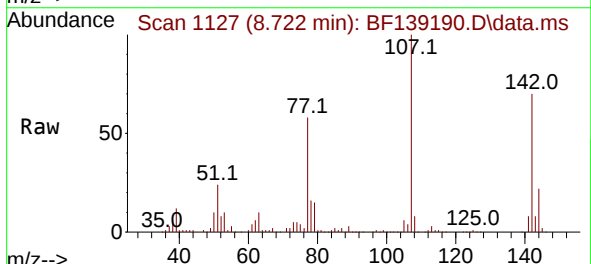
Instrument :
 BNA_F
 ClientSampleId :
 UI-5MSD

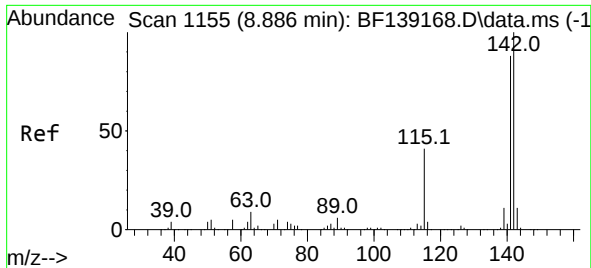
Tgt Ion:113 Resp: 61374
 Ion Ratio Lower Upper
 113 100
 55 175.3 158.0 198.0
 56 136.8 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 53.440 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Tgt Ion:107 Resp: 307011
 Ion Ratio Lower Upper
 107 100
 144 22.4 17.8 26.8
 142 69.5 56.6 84.8





#37

2-Methylnaphthalene

Concen: 48.461 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

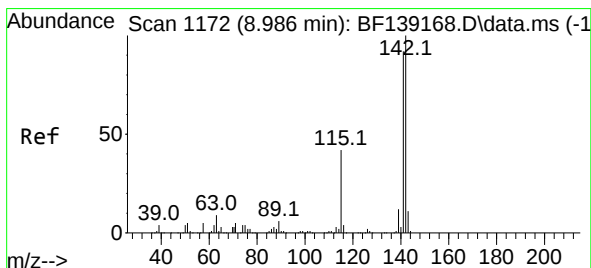
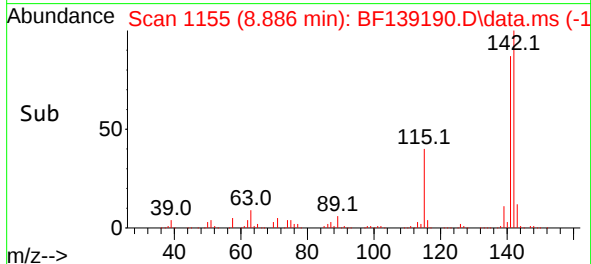
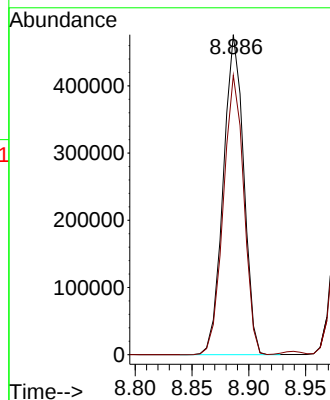
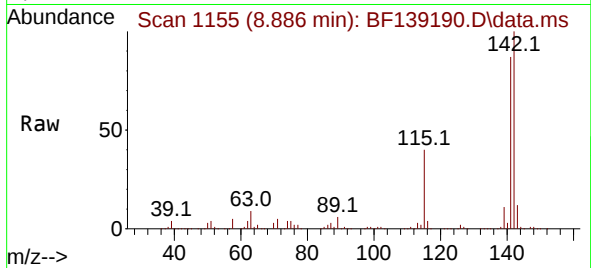
UI-5MSD

Tgt Ion:142 Resp: 595871

Ion Ratio Lower Upper

142 100

141 87.3 70.2 105.2



#38

1-Methylnaphthalene

Concen: 46.139 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139190.D

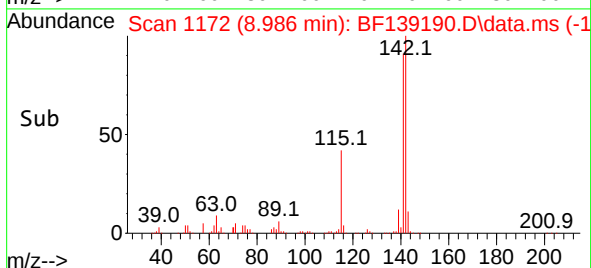
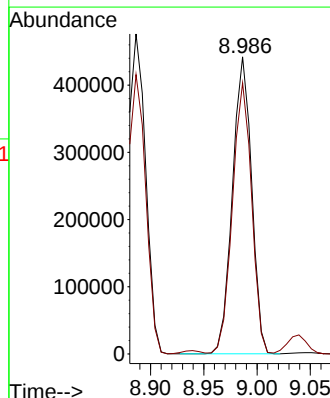
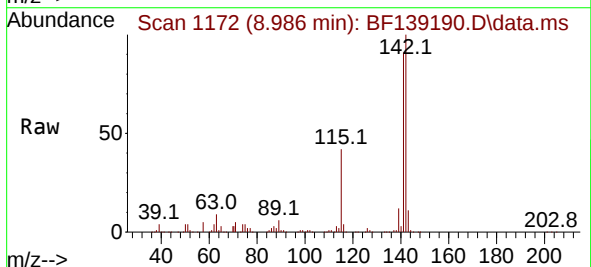
Acq: 27 Aug 2024 16:50

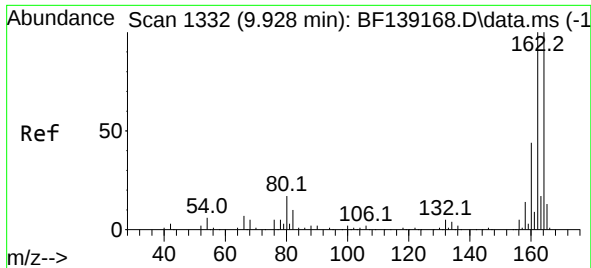
Tgt Ion:142 Resp: 554496

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

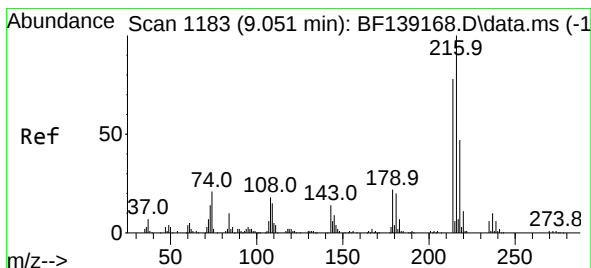
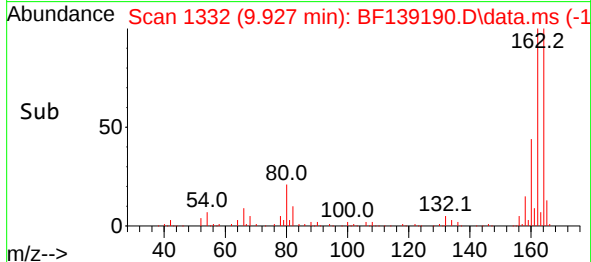
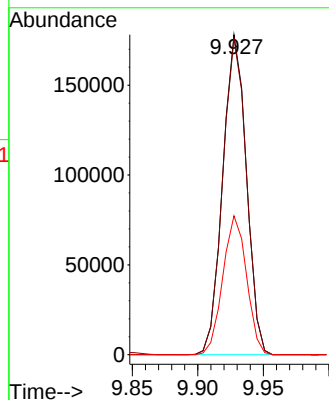
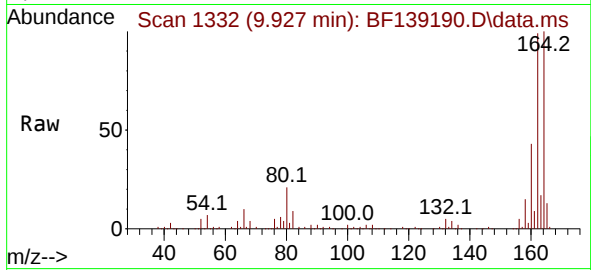
Tgt Ion:164 Resp: 222997

Ion Ratio Lower Upper

164 100

162 98.8 80.0 120.0

160 43.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.509 ng

RT: 9.051 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Tgt Ion:216 Resp: 301016

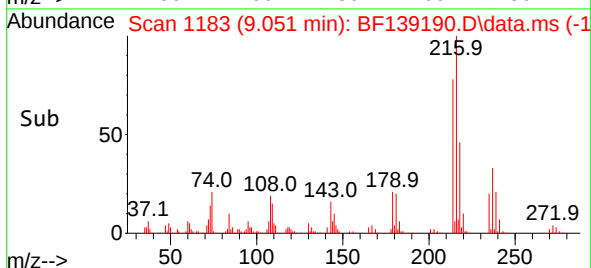
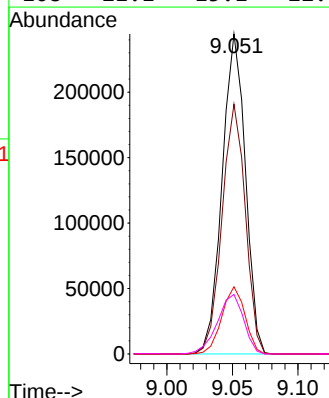
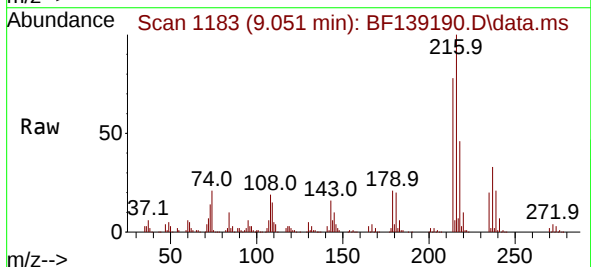
Ion Ratio Lower Upper

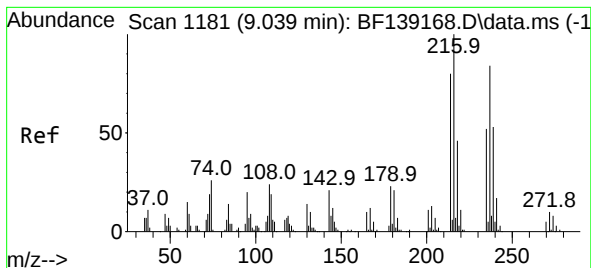
216 100

214 78.0 62.5 93.7

179 21.0 17.5 26.3

108 21.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 145.496 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

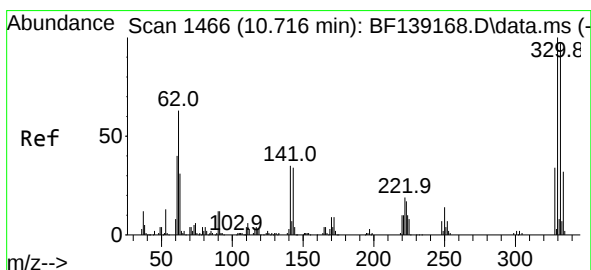
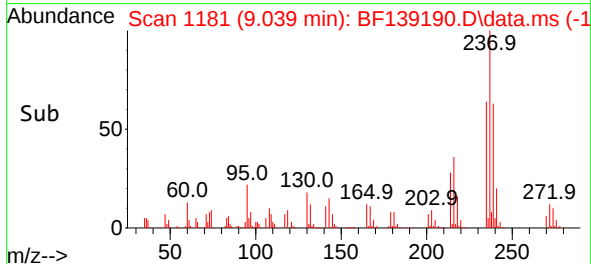
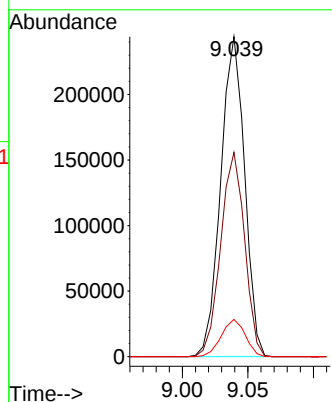
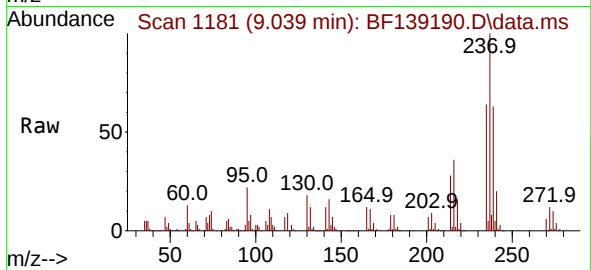
Tgt Ion:237 Resp: 309019

Ion Ratio Lower Upper

237 100

235 63.8 42.1 82.1

272 11.6 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 123.162 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

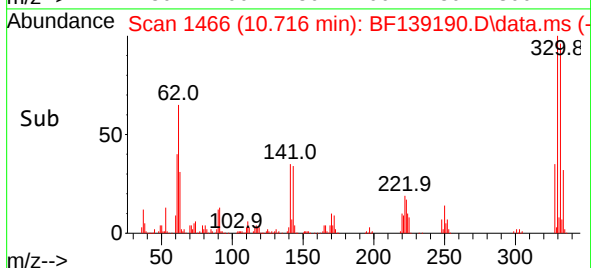
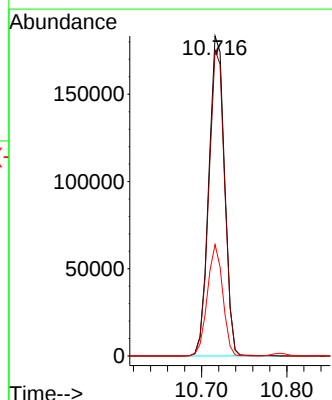
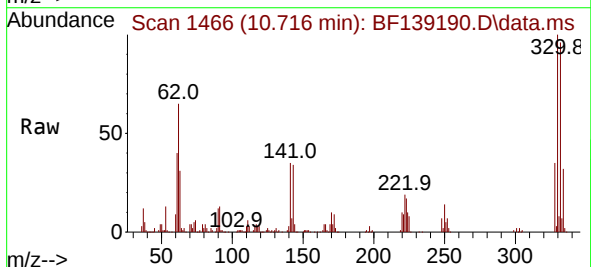
Tgt Ion:330 Resp: 235222

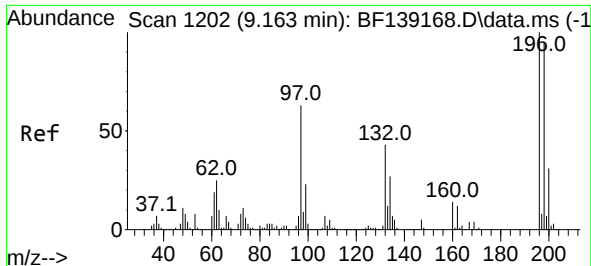
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 33.9 28.8 43.2

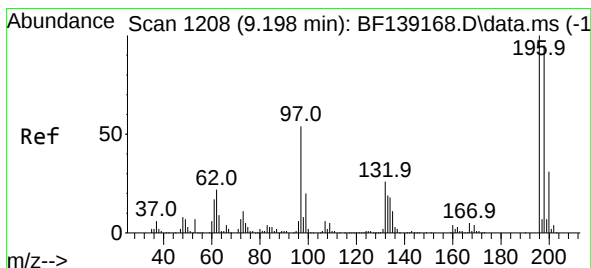
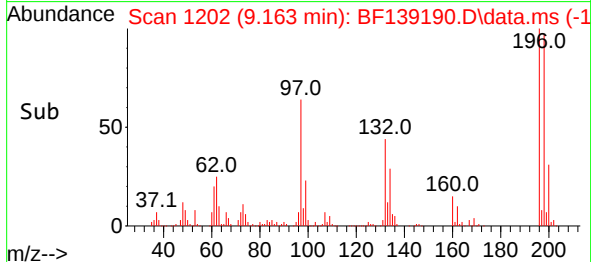
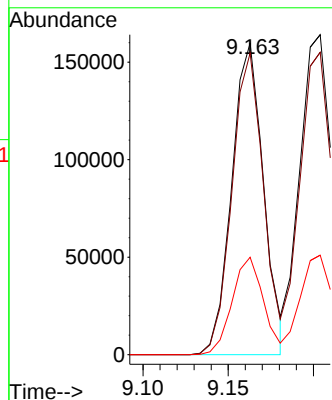
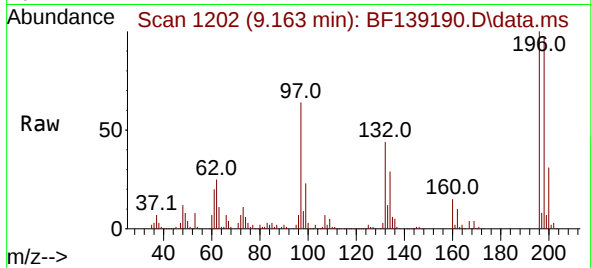




#43
2,4,6-Trichlorophenol
Concen: 55.951 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

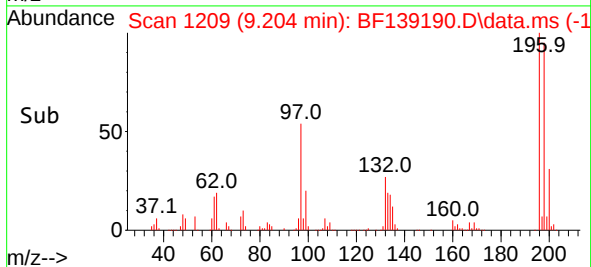
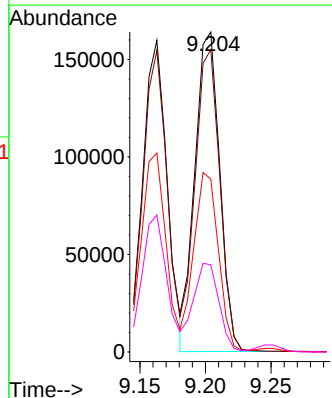
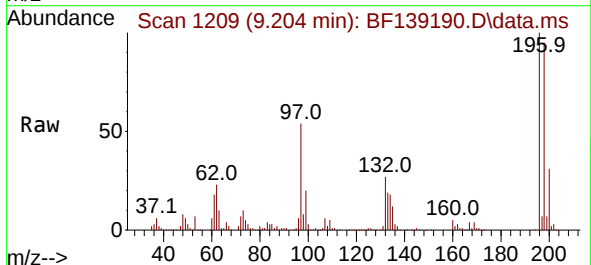
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

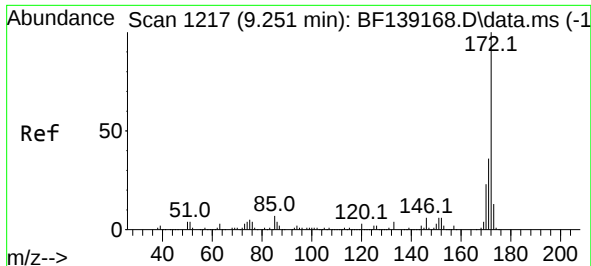
Tgt Ion:196 Resp: 206931
Ion Ratio Lower Upper
196 100
198 96.8 75.8 113.8
200 31.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 55.804 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:196 Resp: 216333
Ion Ratio Lower Upper
196 100
198 94.5 75.7 113.5
97 54.0 44.9 67.3
132 27.3 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 65.668 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

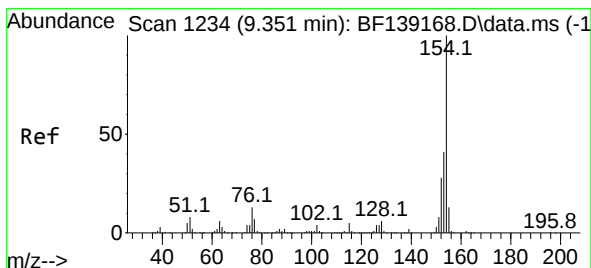
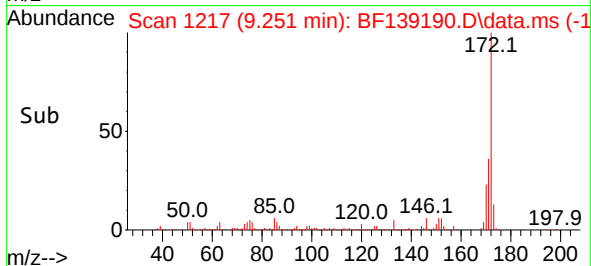
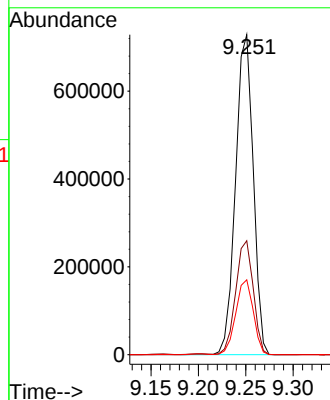
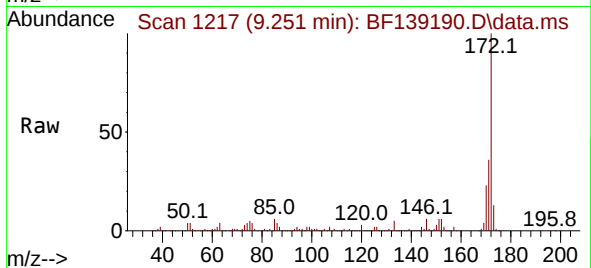
Tgt Ion:172 Resp: 942721

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.402 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

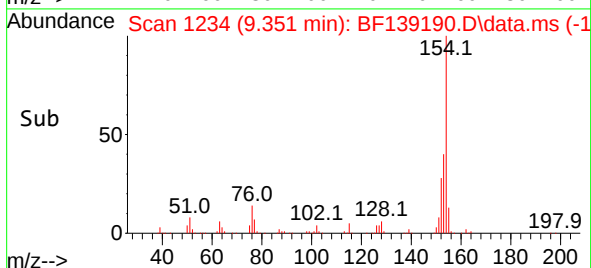
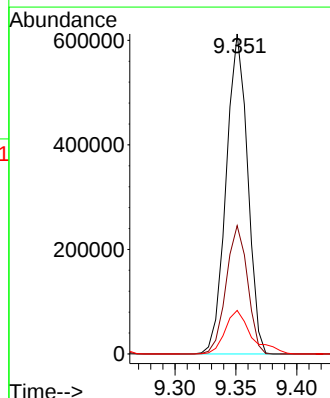
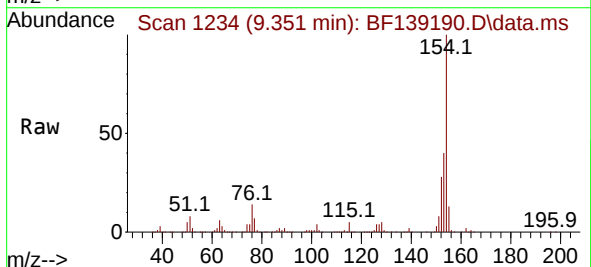
Tgt Ion:154 Resp: 748977

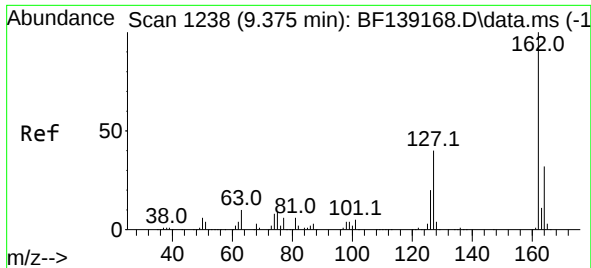
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 13.6 0.0 33.4

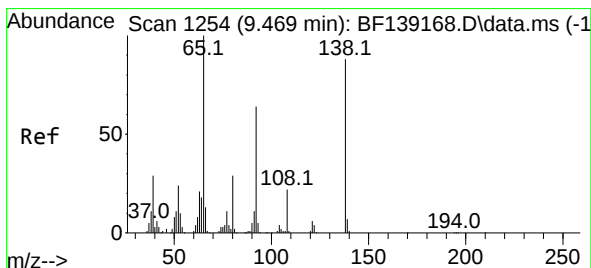
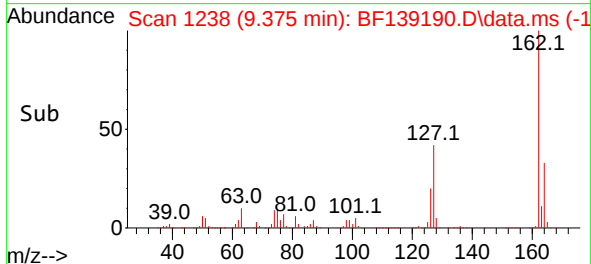
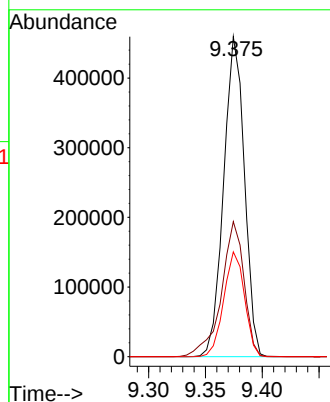
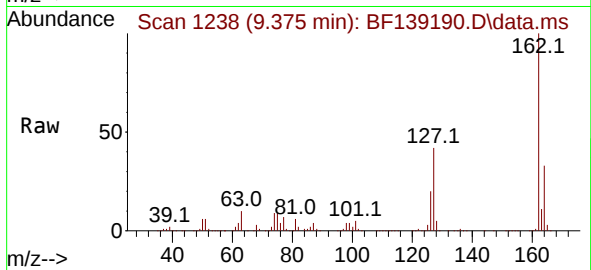




#47
2-Chloronaphthalene
Concen: 45.315 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

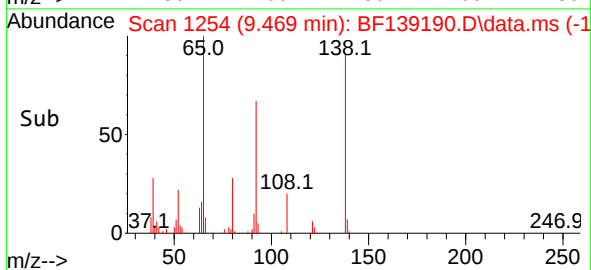
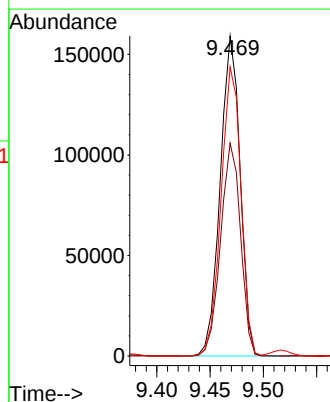
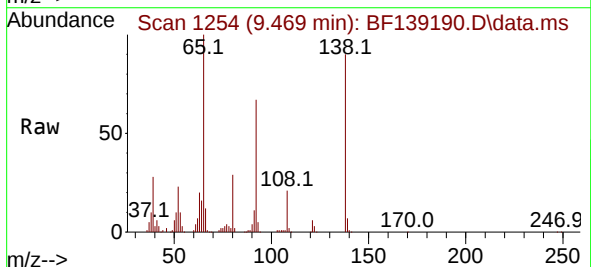
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

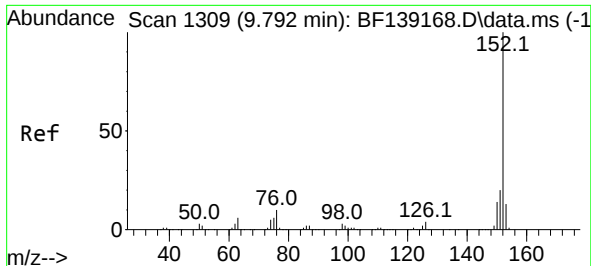
Tgt Ion:162 Resp: 583532
Ion Ratio Lower Upper
162 100
127 42.2 32.4 48.6
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 53.624 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion: 65 Resp: 206191
Ion Ratio Lower Upper
65 100
92 66.5 51.2 76.8
138 90.3 70.0 105.0

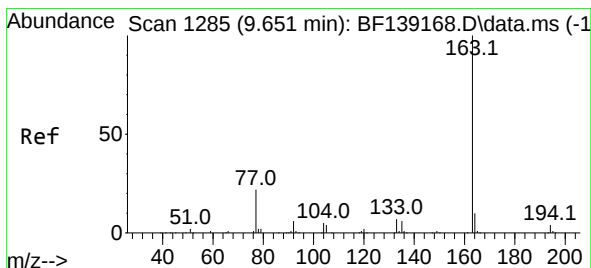
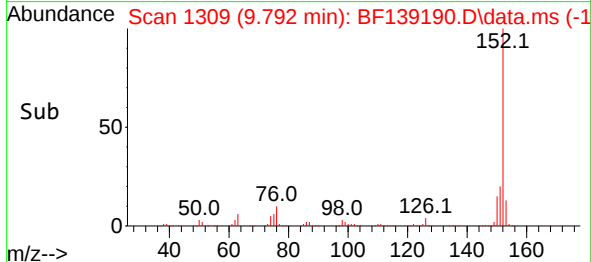
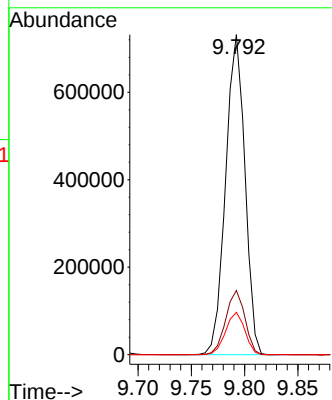
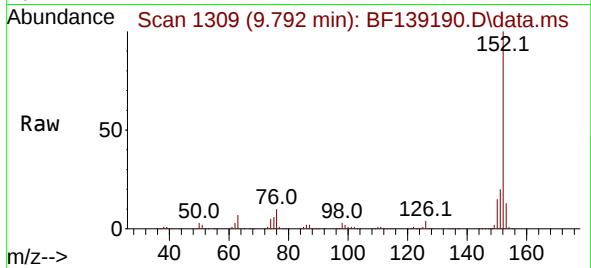




#49
Acenaphthylene
Concen: 50.709 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

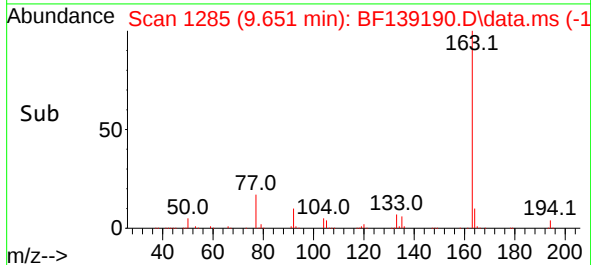
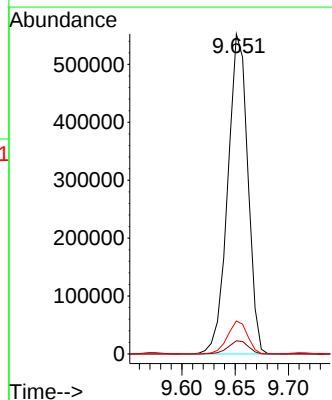
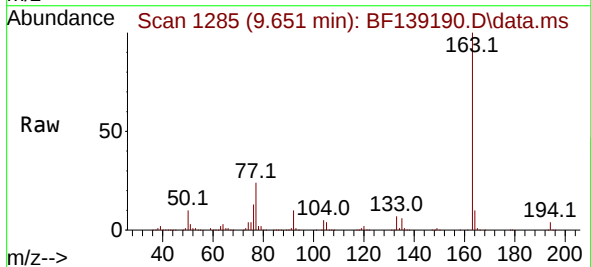
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

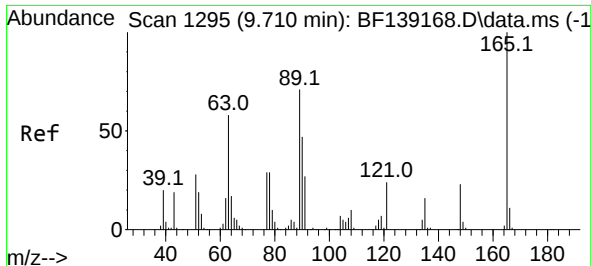
Tgt Ion:152 Resp: 920105
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 56.191 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:163 Resp: 723843
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.1 12.1

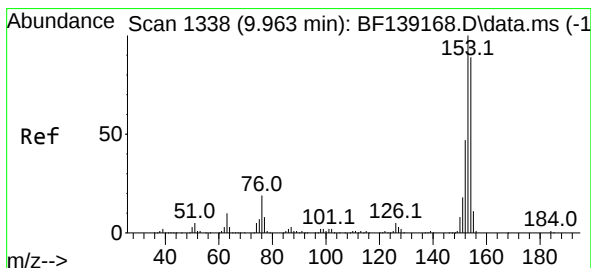
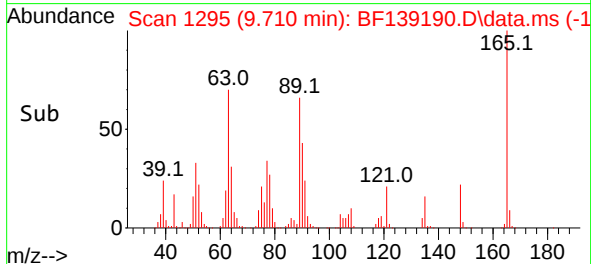
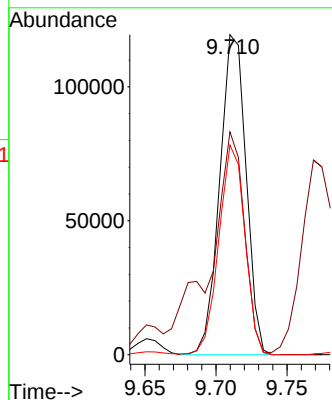
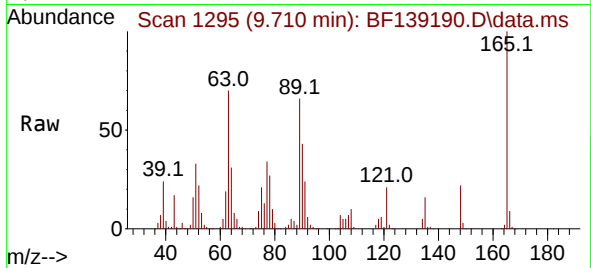




#51
2,6-Dinitrotoluene
Concen: 55.084 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

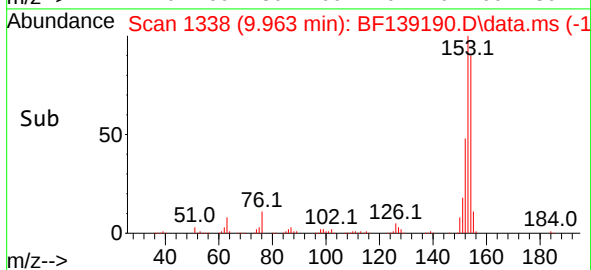
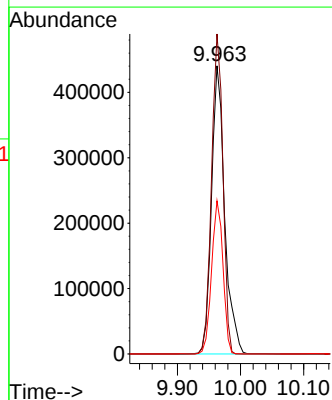
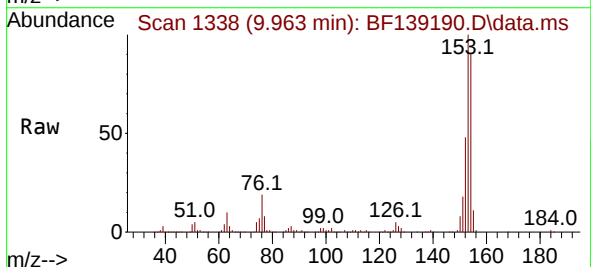
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

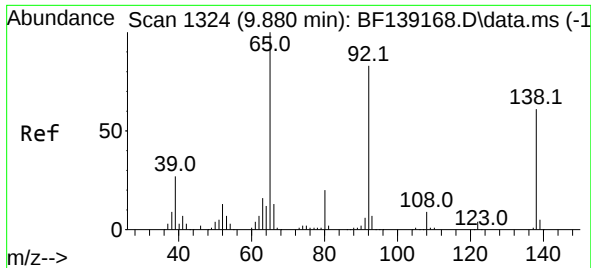
Tgt Ion:165 Resp: 154244
Ion Ratio Lower Upper
165 100
63 69.6 60.1 90.1
89 65.5 57.0 85.6



#52
Acenaphthene
Concen: 53.475 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:154 Resp: 637407
Ion Ratio Lower Upper
154 100
153 111.0 90.0 135.0
152 53.1 42.4 63.6

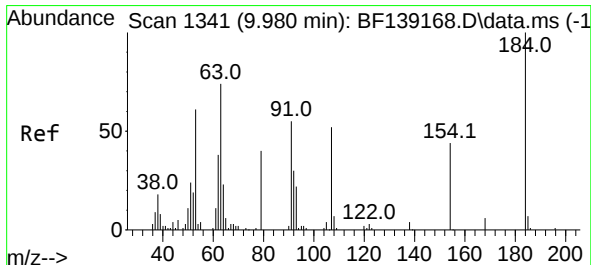
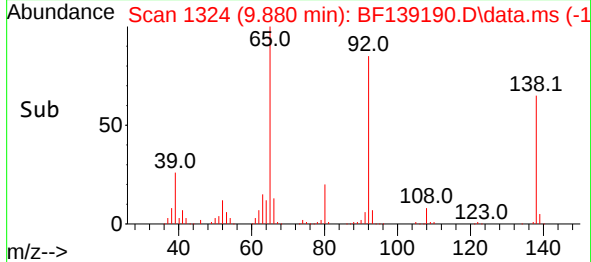
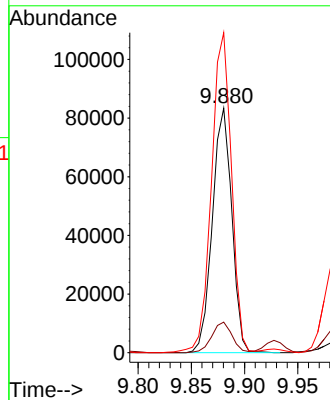
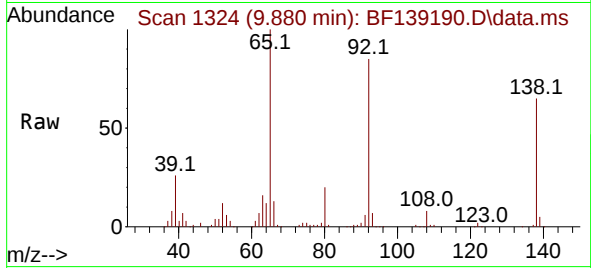




#53
3-Nitroaniline
Concen: 38.531 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

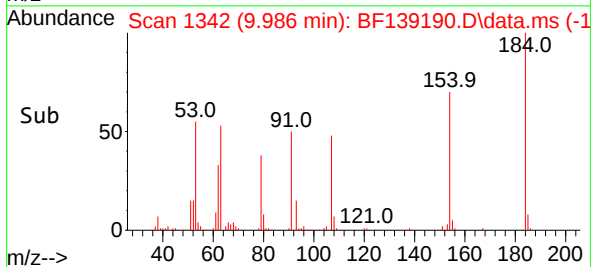
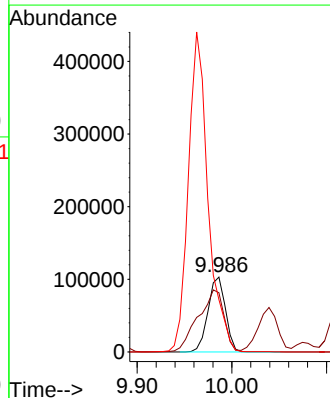
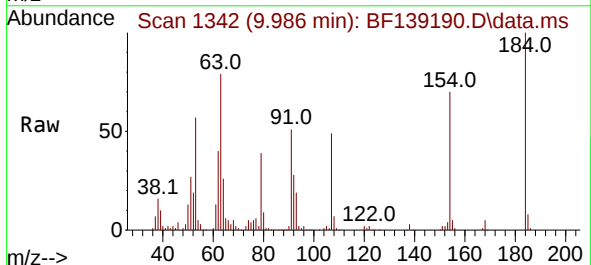
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

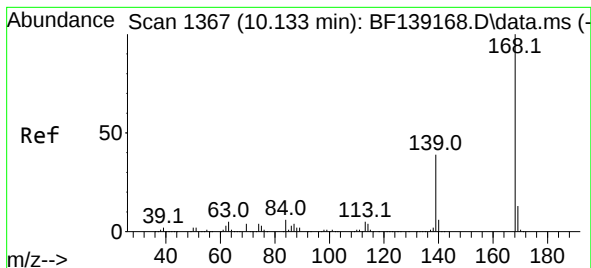
Tgt Ion:138 Resp: 105625
Ion Ratio Lower Upper
138 100
108 12.5 11.8 17.6
92 130.9 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 92.506 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:184 Resp: 131947
Ion Ratio Lower Upper
184 100
63 78.9 72.1 108.1
154 69.9 135.3 202.9#





#55

Dibenzofuran

Concen: 48.156 ng

RT: 10.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

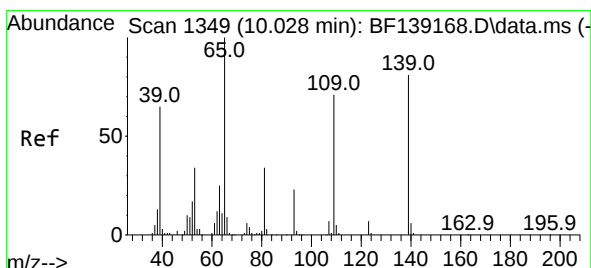
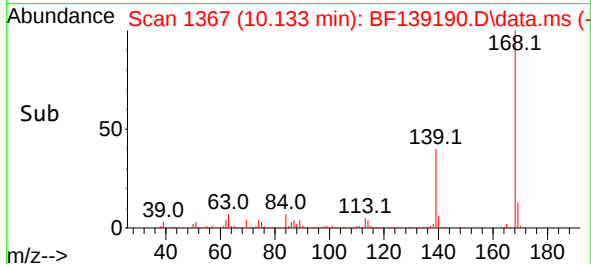
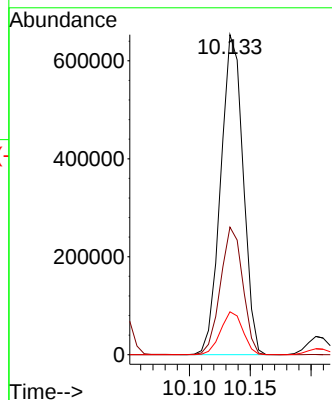
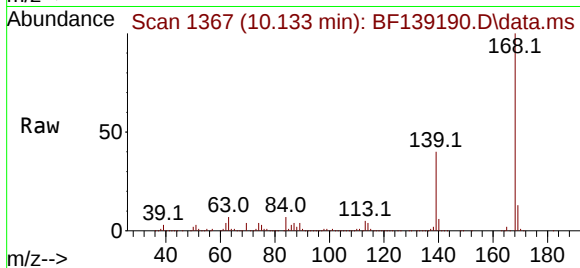
Tgt Ion:168 Resp: 837715

Ion Ratio Lower Upper

168 100

139 39.8 31.5 47.3

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 96.756 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.011 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

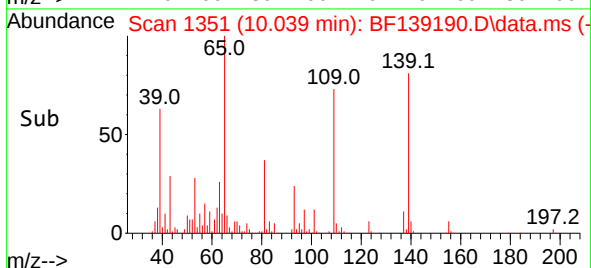
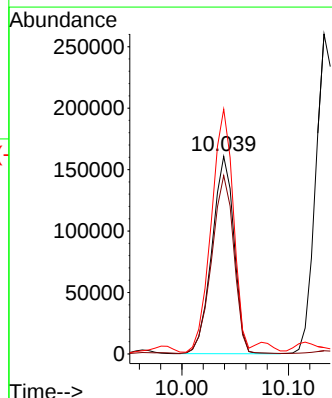
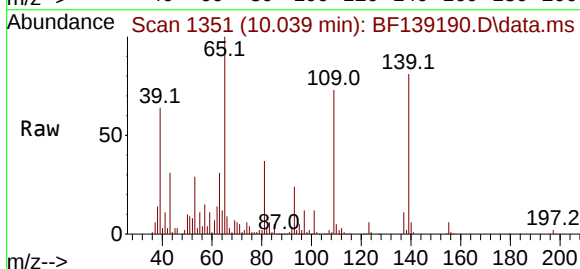
Tgt Ion:139 Resp: 230345

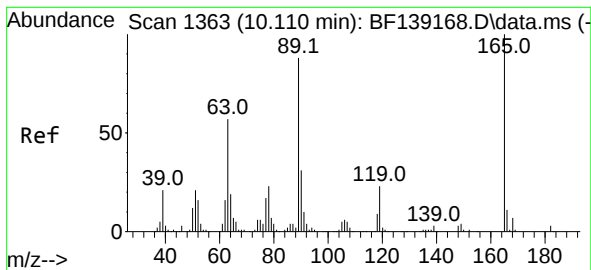
Ion Ratio Lower Upper

139 100

109 90.3 68.2 108.2

65 123.8 104.7 144.7

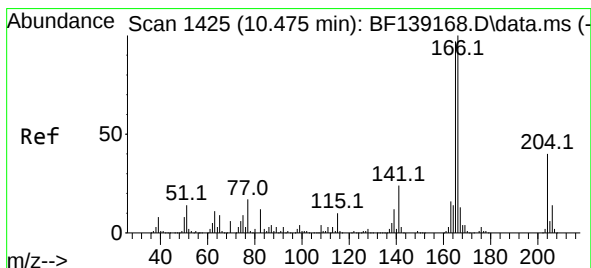
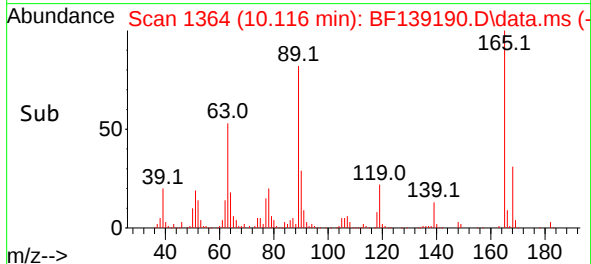
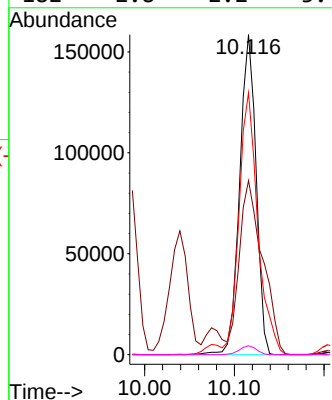
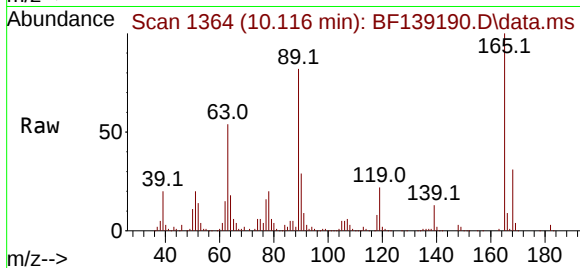




#57
2,4-Dinitrotoluene
Concen: 56.448 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

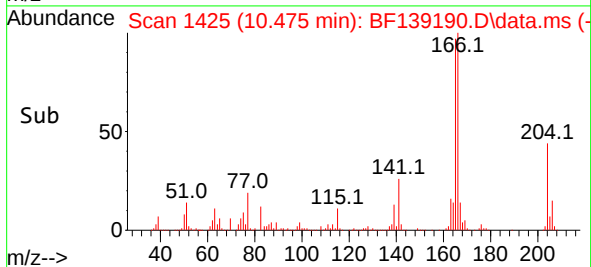
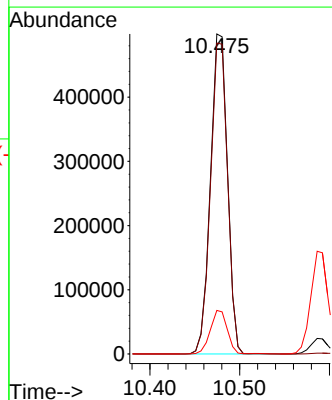
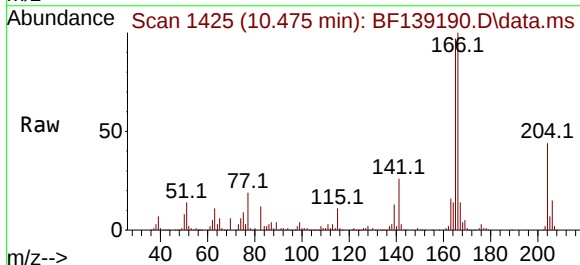
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

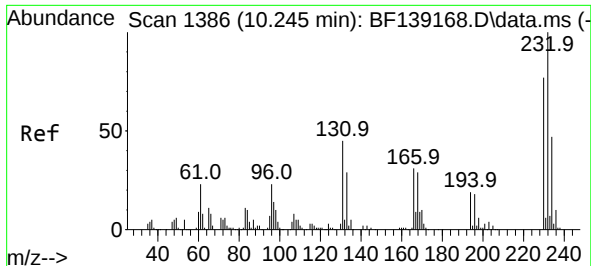
Tgt Ion:165 Resp: 201551
Ion Ratio Lower Upper
165 100
63 54.4 46.2 69.2
89 81.8 70.2 105.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 47.909 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

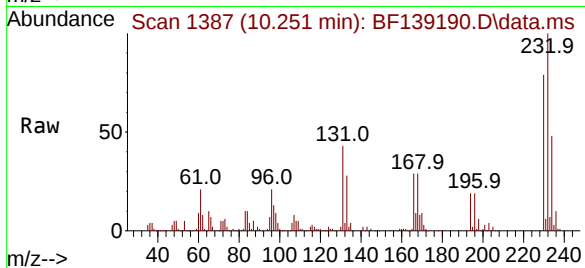
Tgt Ion:166 Resp: 657511
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.8
167 13.6 10.8 16.2



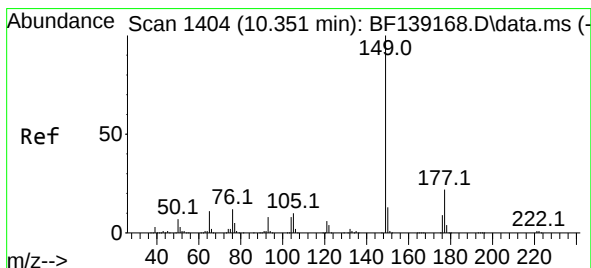
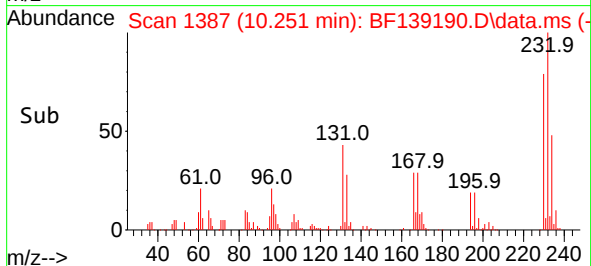
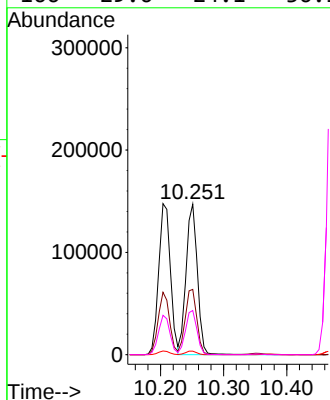


#59
2,3,4,6-Tetrachlorophenol
Concen: 59.278 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Instrument :
BNA_F
ClientSampleId :
UI-5MSD

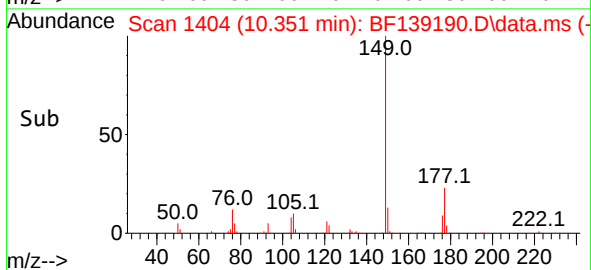
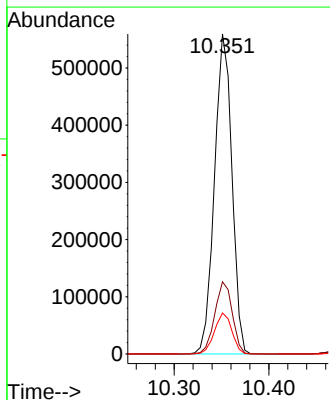
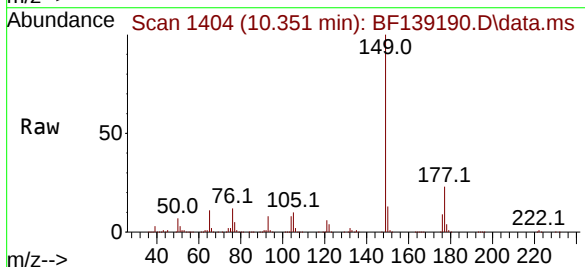


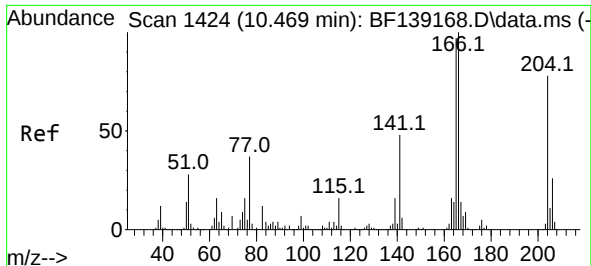
Tgt Ion:232 Resp: 184179
Ion Ratio Lower Upper
232 100
131 44.2 34.9 52.3
130 2.4 1.9 2.9
166 29.6 24.1 36.1



#60
Diethylphthalate
Concen: 58.988 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:149 Resp: 715558
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.0 15.0





#61

4-Chlorophenyl-phenylether

Concen: 48.851 ng

RT: 10.469 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

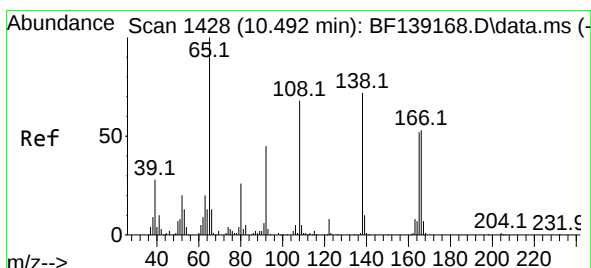
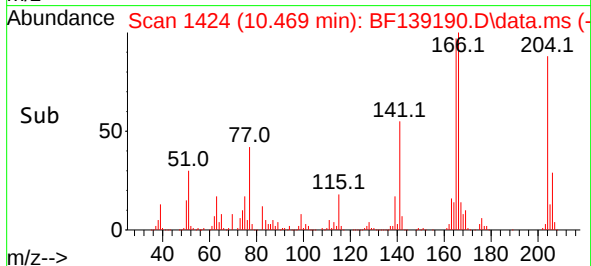
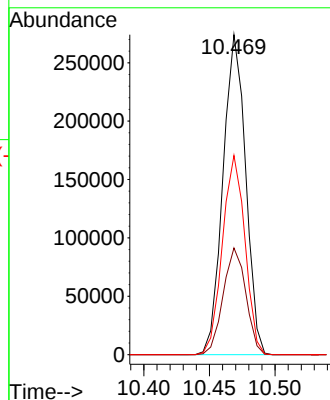
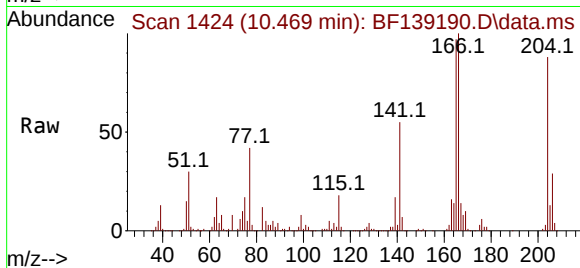
Tgt Ion:204 Resp: 329025

Ion Ratio Lower Upper

204 100

206 33.3 27.0 40.4

141 62.2 49.6 74.4



#62

4-Nitroaniline

Concen: 50.525 ng

RT: 10.498 min Scan# 1429

Delta R.T. 0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

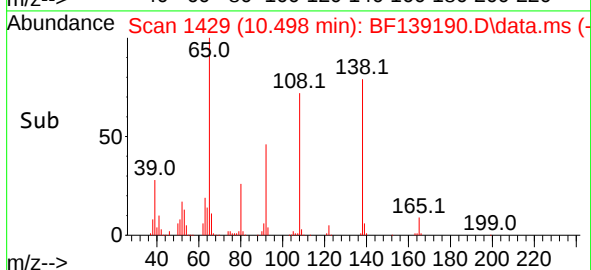
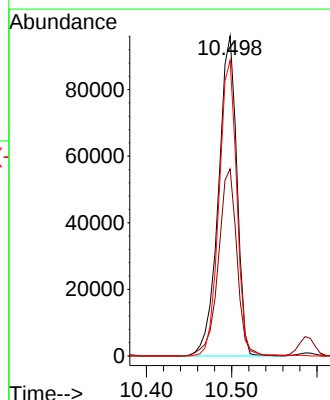
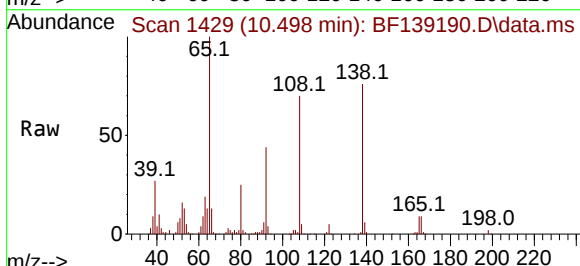
Tgt Ion:138 Resp: 143920

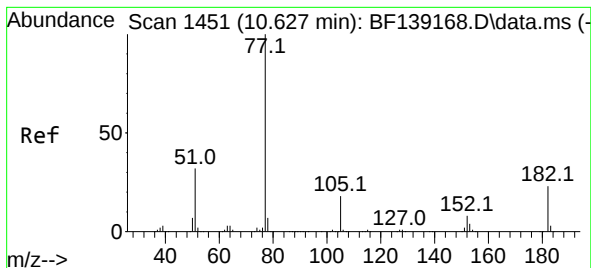
Ion Ratio Lower Upper

138 100

92 58.4 42.4 82.4

108 92.4 74.0 114.0





#63

Azobenzene

Concen: 51.488 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

Tgt Ion: 77 Resp: 759270

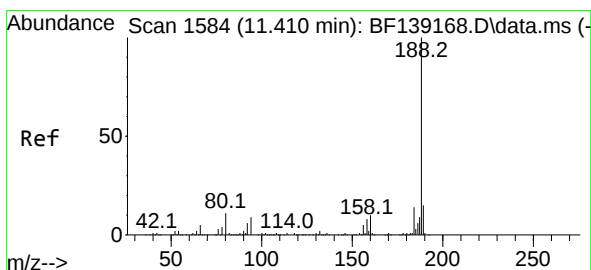
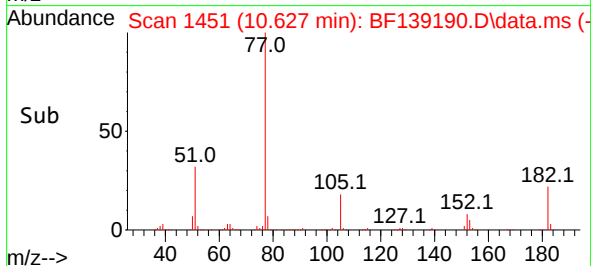
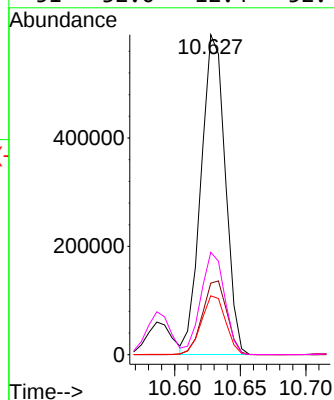
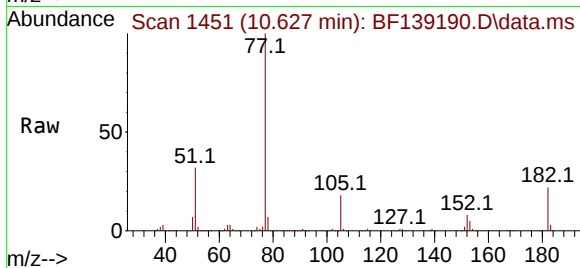
Ion Ratio Lower Upper

77 100

182 22.4 2.4 42.4

105 18.4 0.0 38.2

51 32.0 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

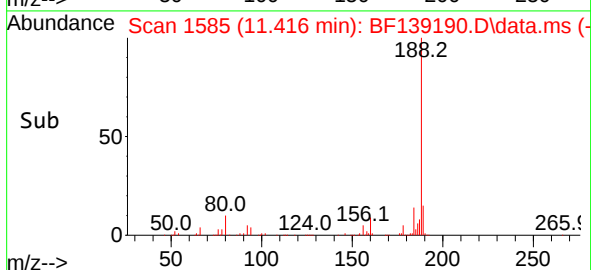
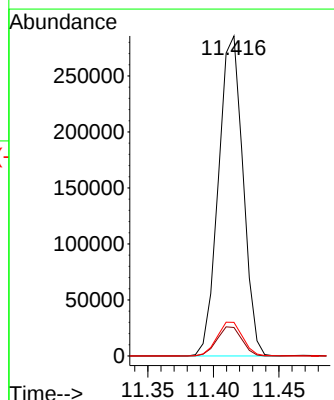
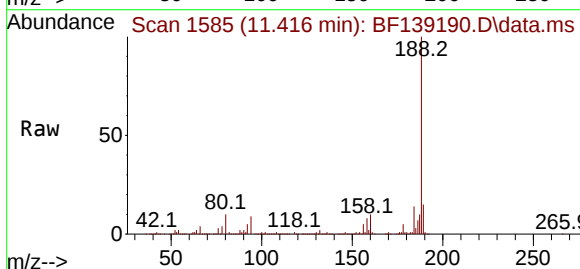
Tgt Ion:188 Resp: 371504

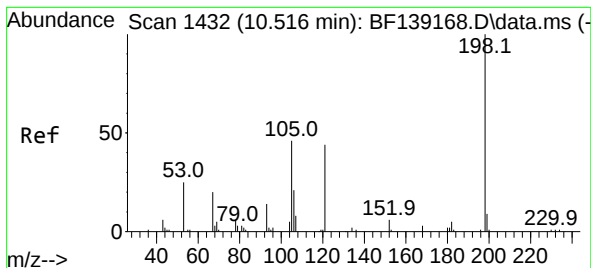
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 10.5 8.9 13.3

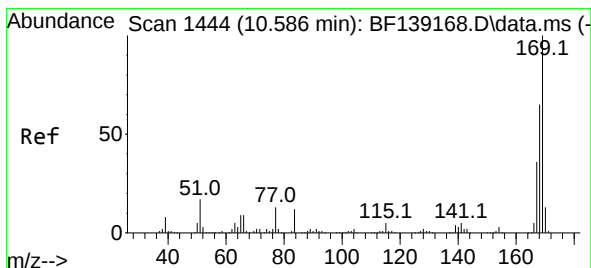
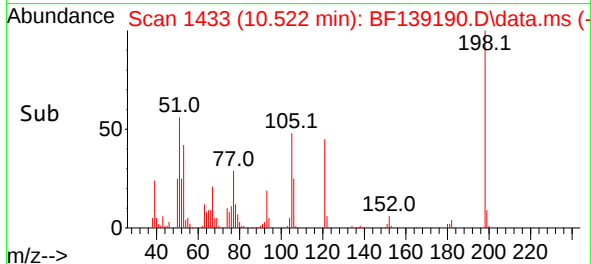
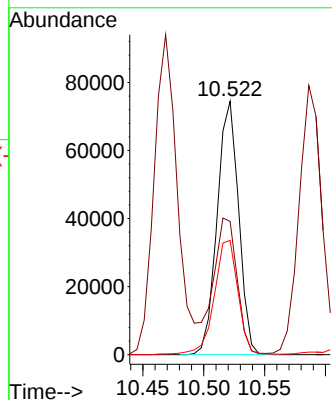
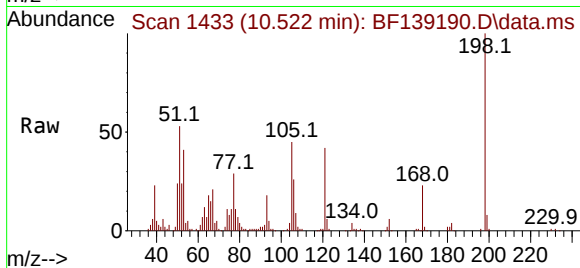




#65
4,6-Dinitro-2-methylphenol
Concen: 58.976 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

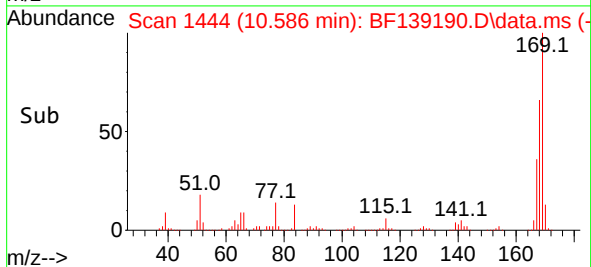
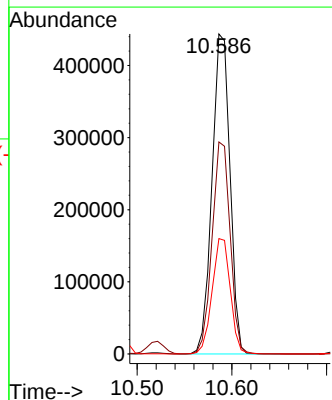
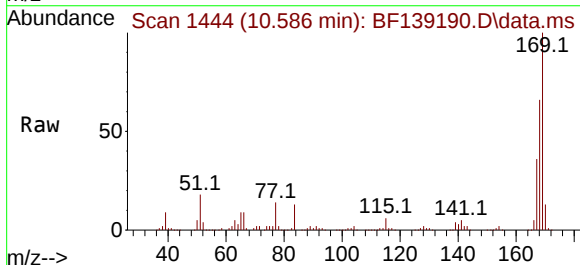
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

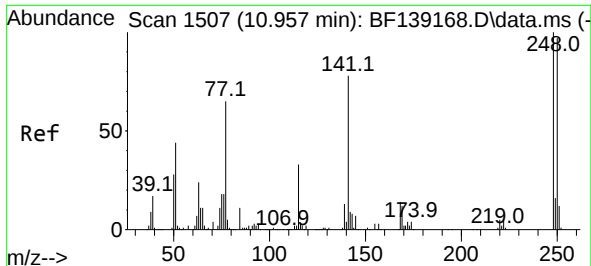
Tgt Ion:198 Resp: 91379
Ion Ratio Lower Upper
198 100
51 52.6 39.2 79.2
105 45.1 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 52.866 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:169 Resp: 581655
Ion Ratio Lower Upper
169 100
168 66.3 52.3 78.5
167 36.1 29.0 43.4

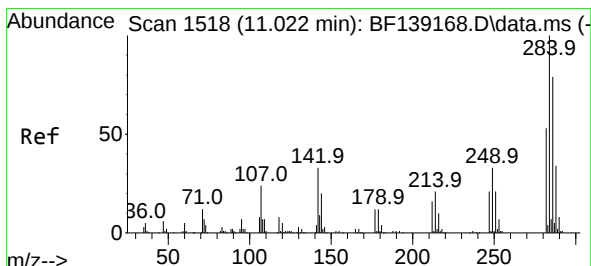
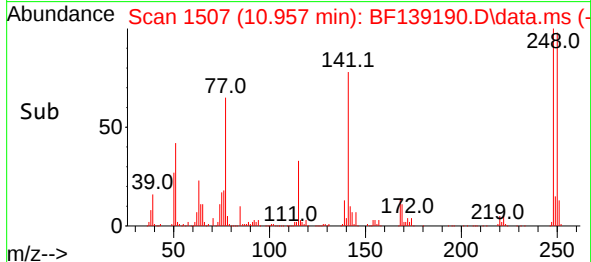
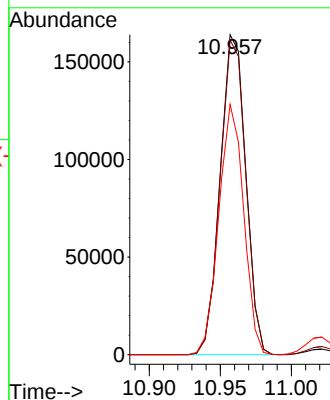
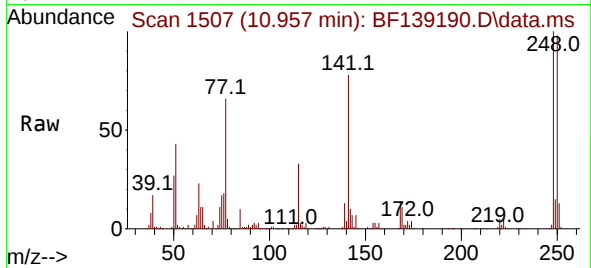




#67
4-Bromophenyl-phenylether
Concen: 52.323 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

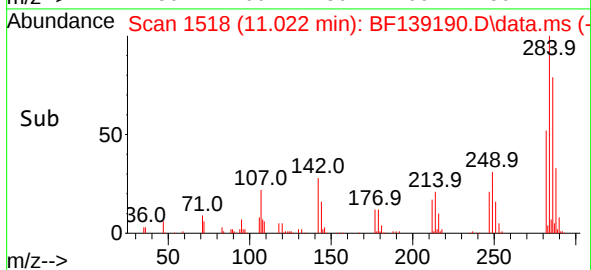
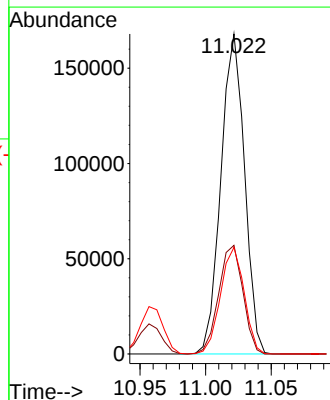
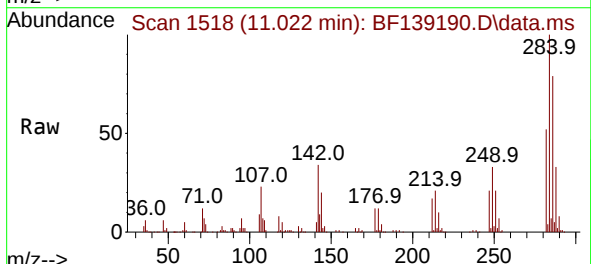
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

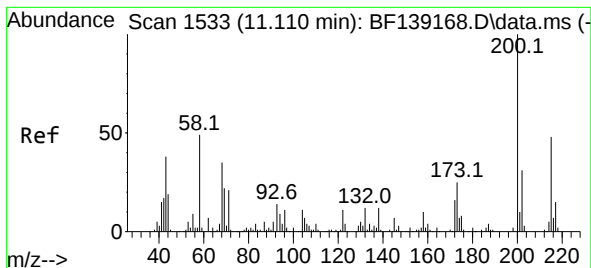
Tgt Ion:248 Resp: 206534
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 78.2 62.6 94.0



#68
Hexachlorobenzene
Concen: 49.207 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:284 Resp: 210207
Ion Ratio Lower Upper
284 100
142 34.0 26.6 40.0
249 33.3 26.5 39.7





#69

Atrazine

Concen: 83.994 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

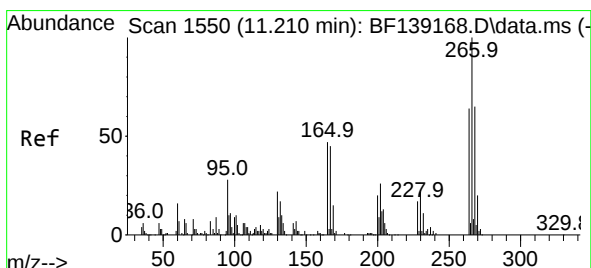
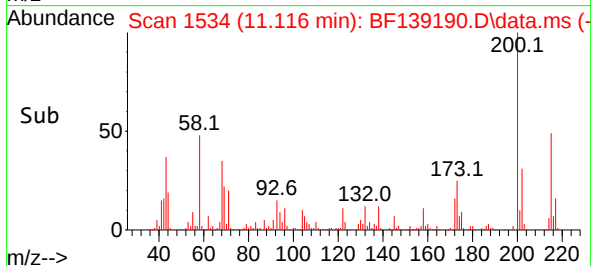
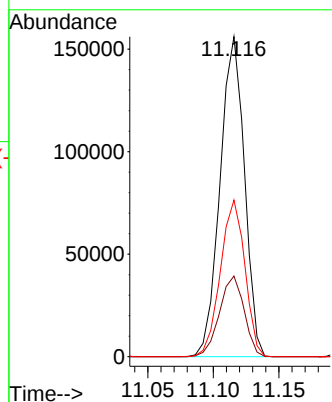
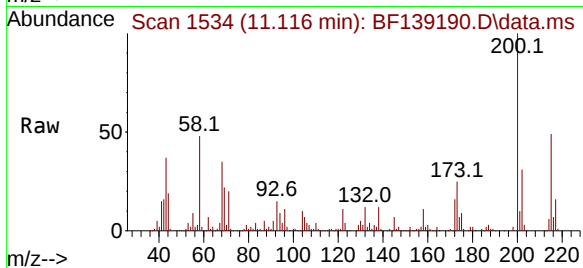
Tgt Ion:200 Resp: 201572

Ion Ratio Lower Upper

200 100

173 25.2 4.7 44.7

215 48.9 28.2 68.2



#70

Pentachlorophenol

Concen: 100.670 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

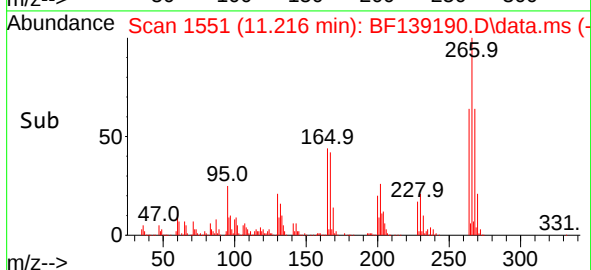
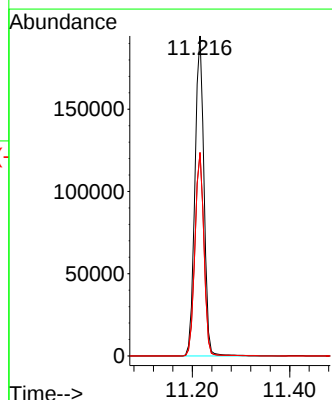
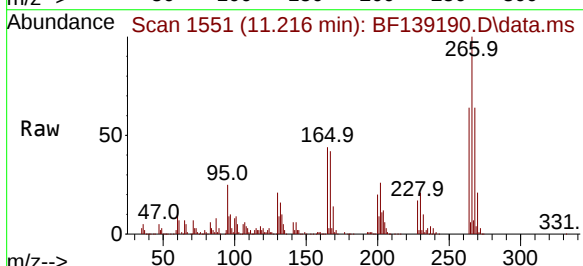
Tgt Ion:266 Resp: 252483

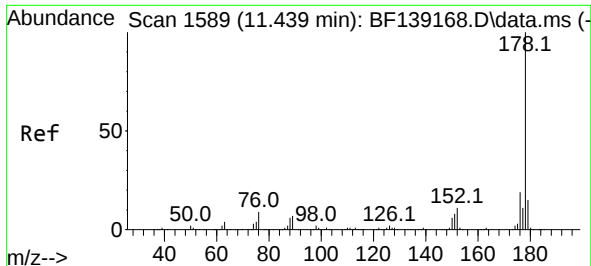
Ion Ratio Lower Upper

266 100

268 63.6 51.8 77.8

264 63.5 51.0 76.6

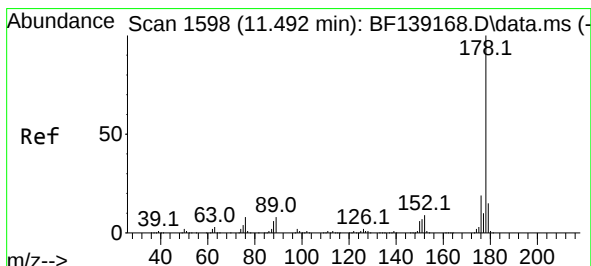
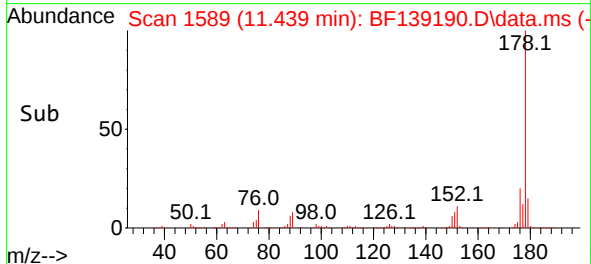
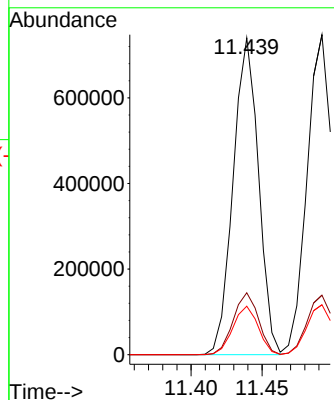
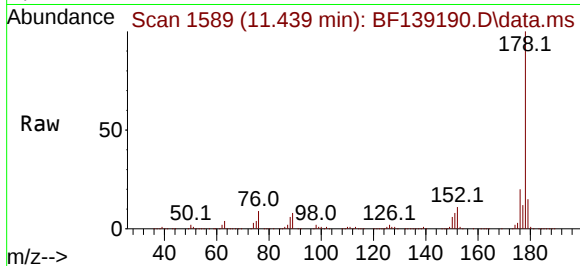




#71
Phenanthrene
Concen: 48.974 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

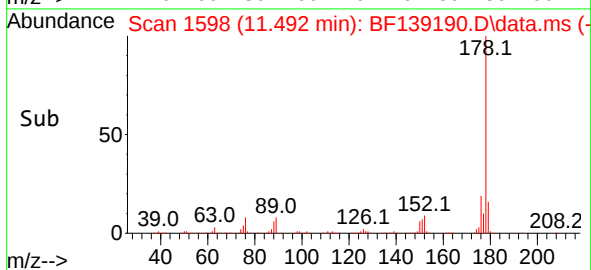
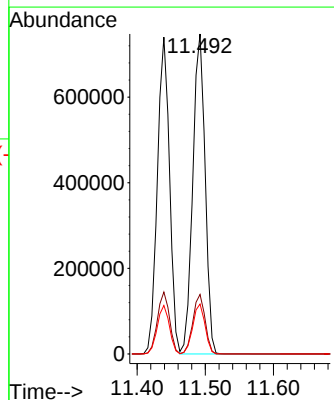
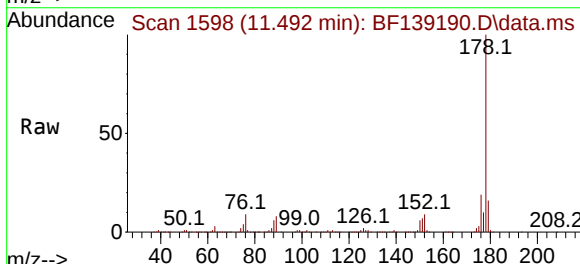
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

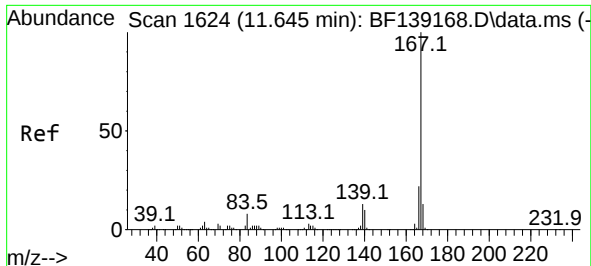
Tgt Ion:178 Resp: 919403
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 51.202 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:178 Resp: 936996
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.3 18.5

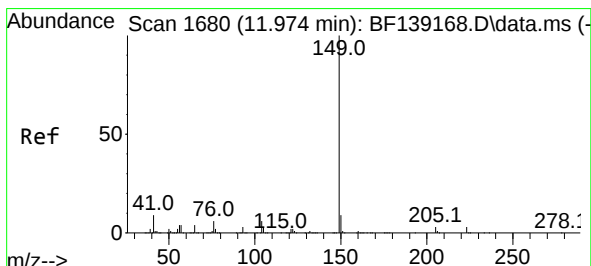
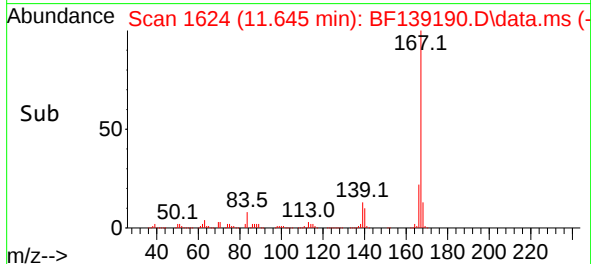
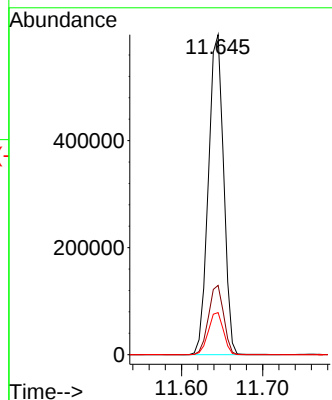
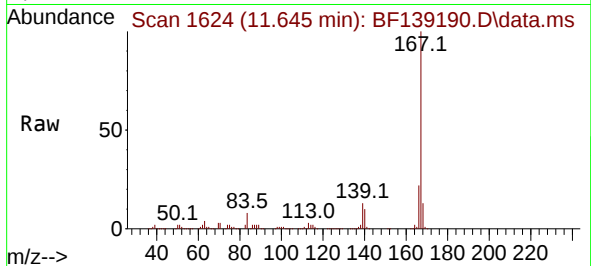




#73
 Carbazole
 Concen: 47.436 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

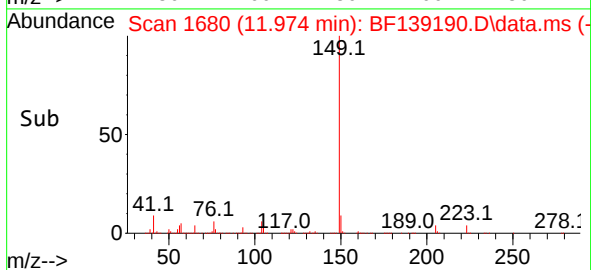
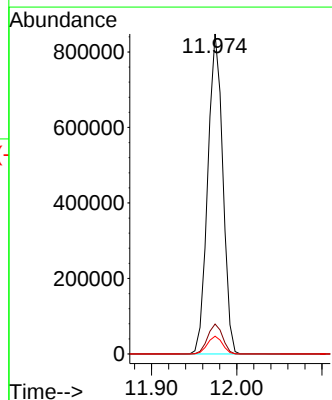
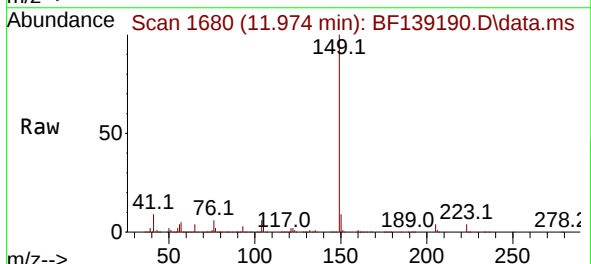
Instrument :
 BNA_F
 ClientSampleId :
 UI-5MSD

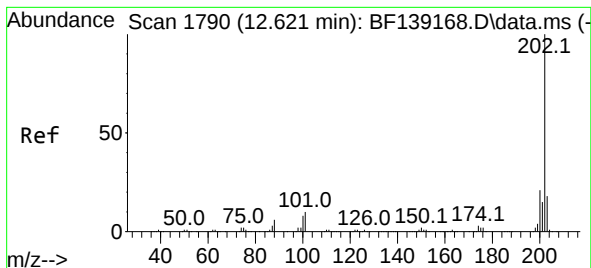
Tgt Ion:167 Resp: 776552
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 73.192 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Tgt Ion:149 Resp: 1038488
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.4 6.6





#75

Fluoranthene

Concen: 45.293 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

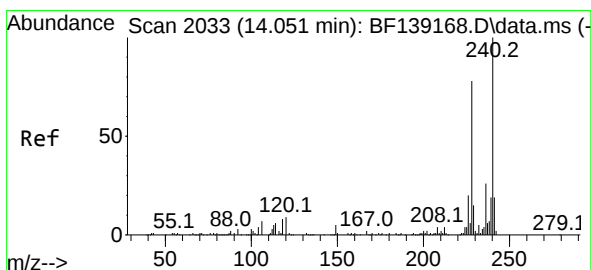
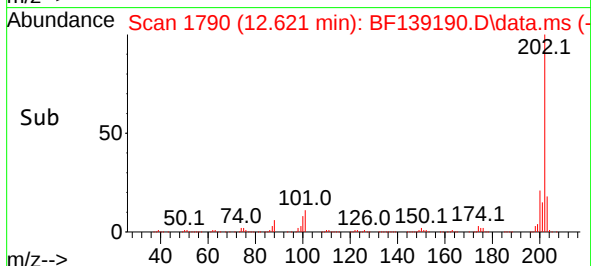
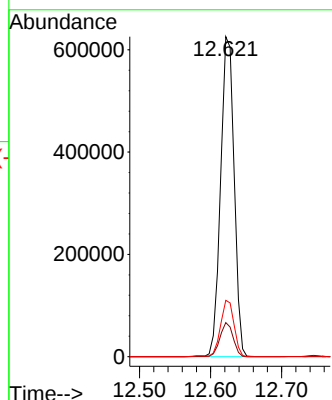
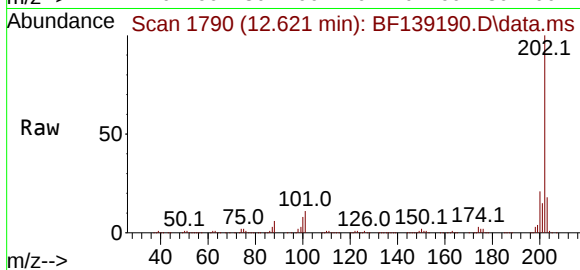
Tgt Ion:202 Resp: 825186

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.1

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

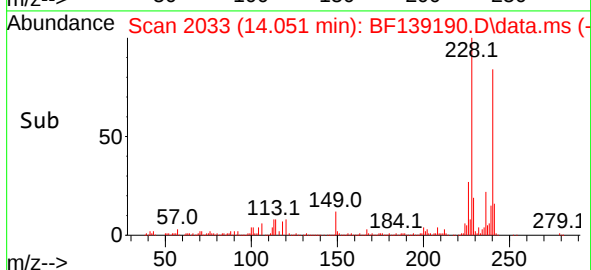
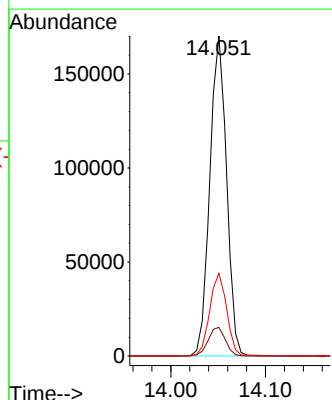
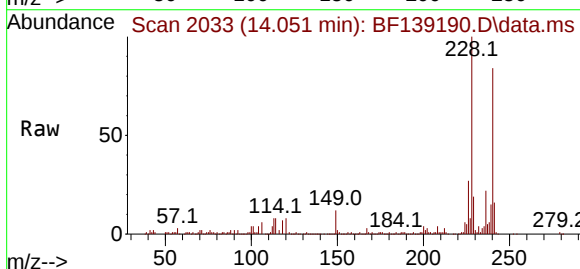
Tgt Ion:240 Resp: 208706

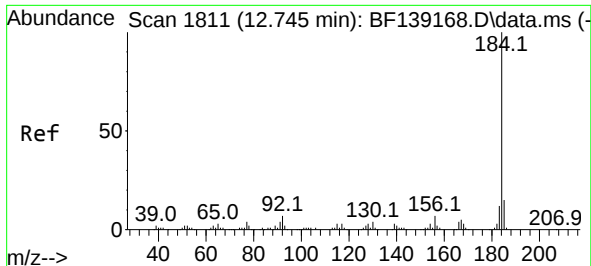
Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.8 20.9 31.3

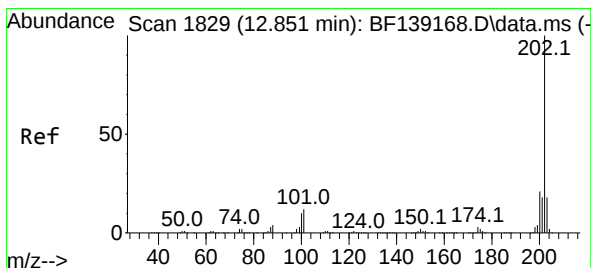
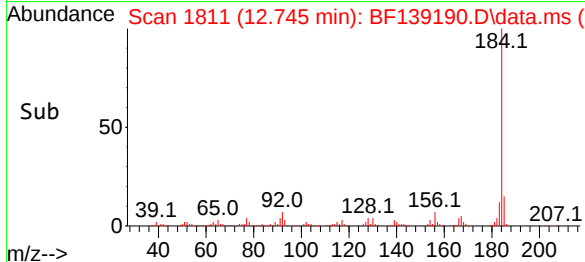
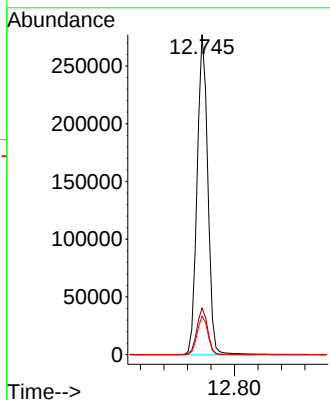
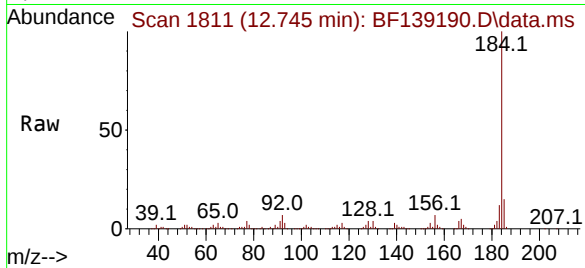




#77
Benzidine
Concen: 99.081 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

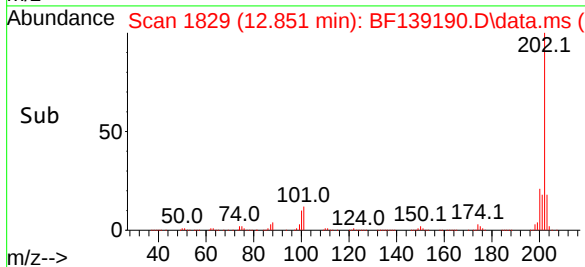
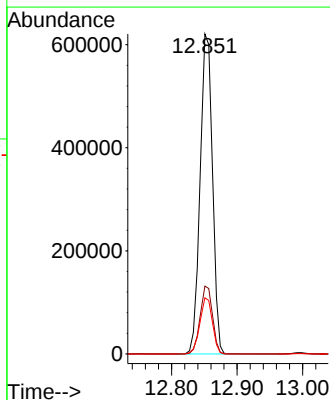
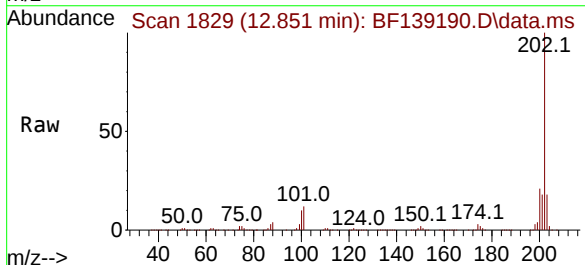
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

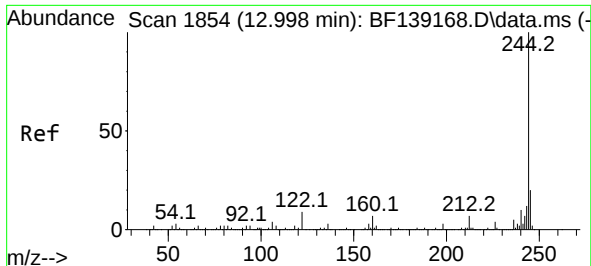
Tgt Ion:184 Resp: 348943
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 12.1 9.4 14.0



#78
Pyrene
Concen: 41.733 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

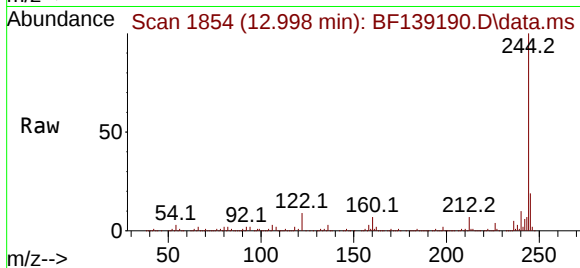
Tgt Ion:202 Resp: 818160
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.5 14.1 21.1



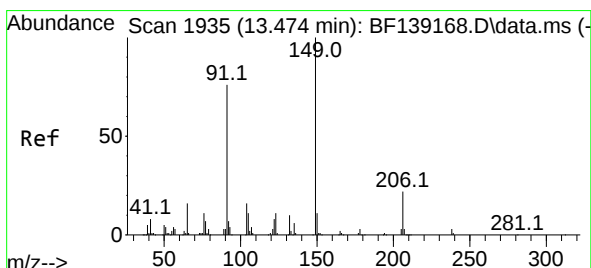
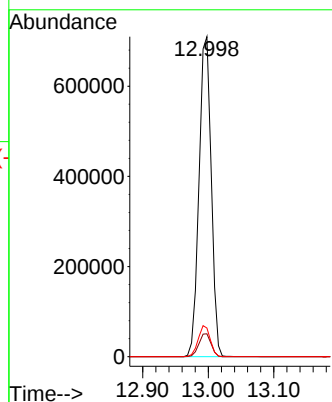
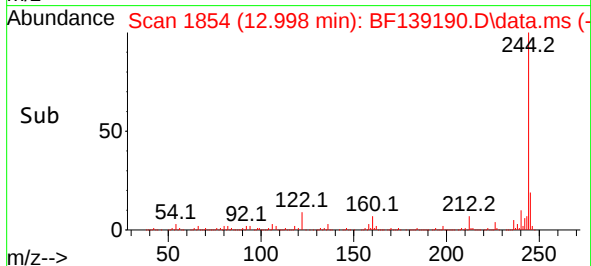


#79
 Terphenyl-d14
 Concen: 68.837 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Instrument :
 BNA_F
 ClientSampleId :
 UI-5MSD

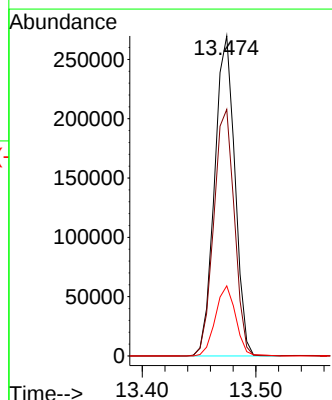
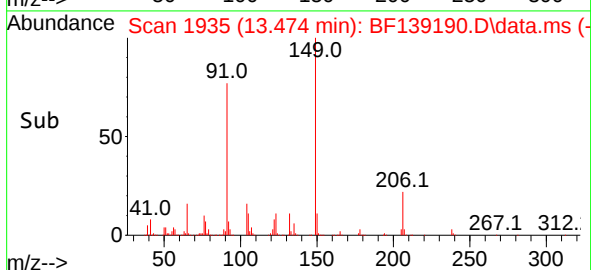
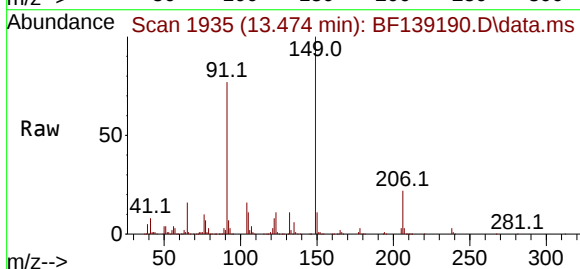


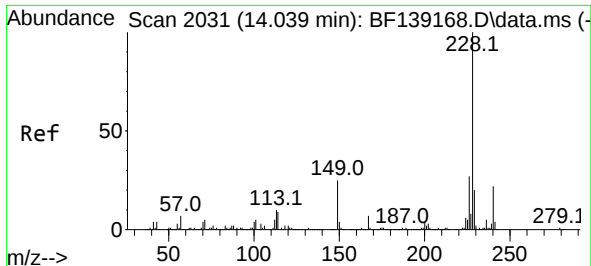
Tgt Ion:244 Resp: 920755
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.0 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 79.935 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139190.D
 Acq: 27 Aug 2024 16:50

Tgt Ion:149 Resp: 335174
 Ion Ratio Lower Upper
 149 100
 91 77.0 60.9 91.3
 206 21.9 17.7 26.5

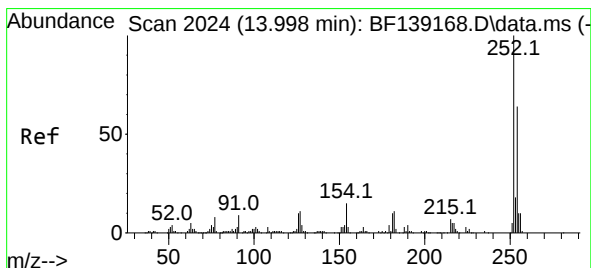
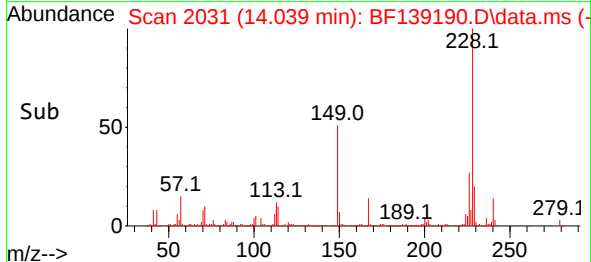
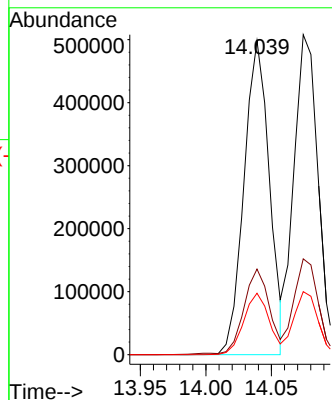
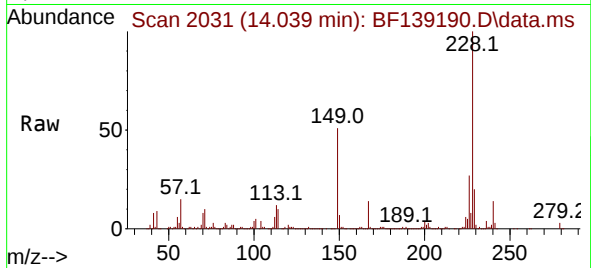




#81
Benzo(a)anthracene
Concen: 48.615 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

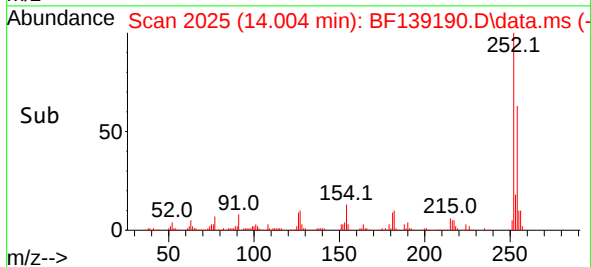
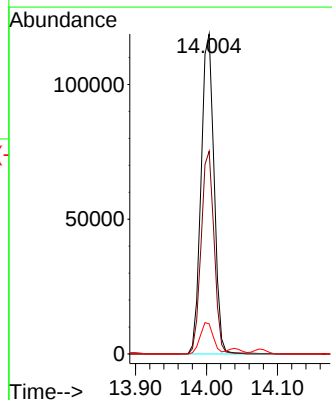
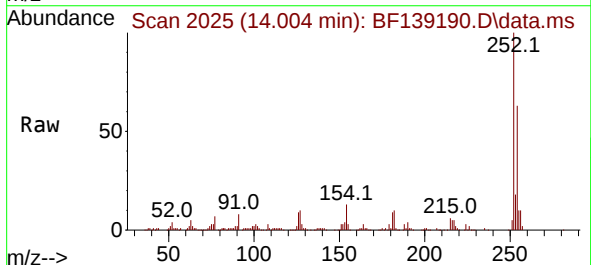
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

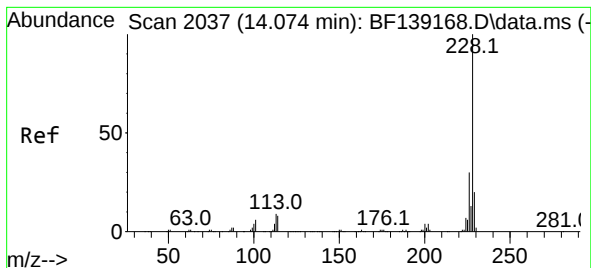
Tgt Ion:228 Resp: 672266
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 47.005 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:252 Resp: 151338
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 9.4 8.2 12.2





#83

Chrysene

Concen: 51.656 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

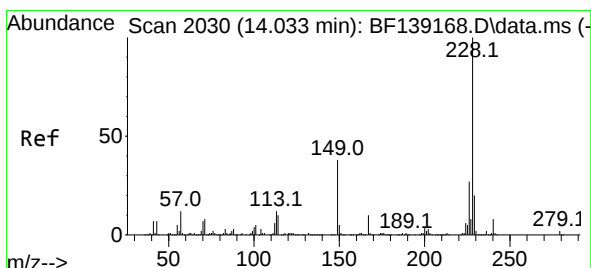
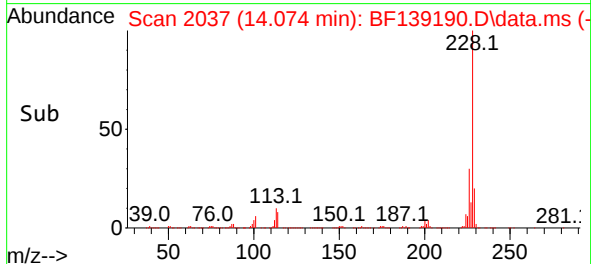
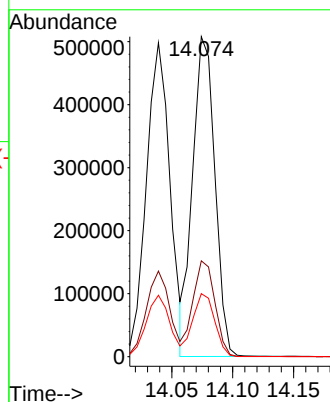
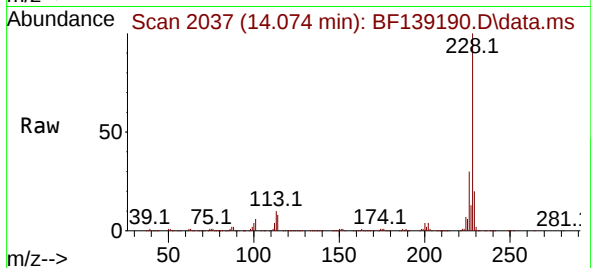
Tgt Ion:228 Resp: 644366

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 84.544 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

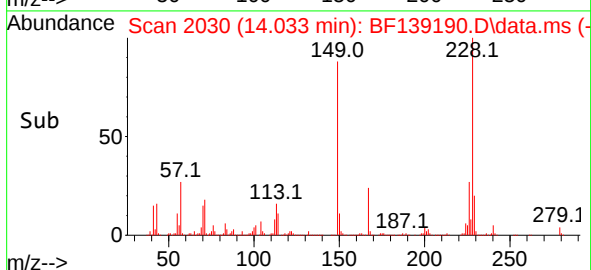
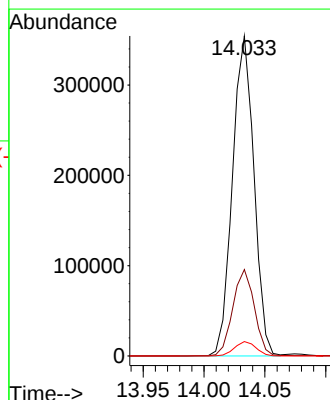
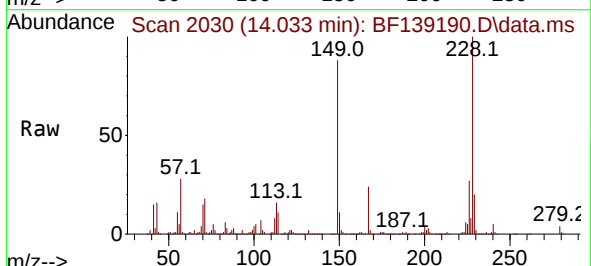
Tgt Ion:149 Resp: 435059

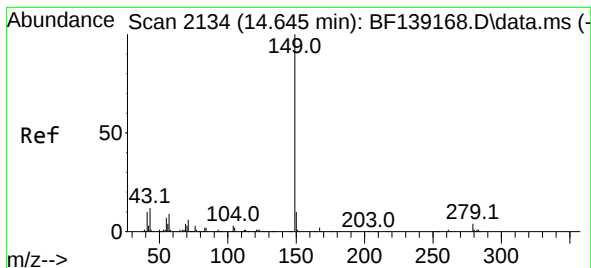
Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 71.217 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

Instrument :

BNA_F

ClientSampleId :

UI-5MSD

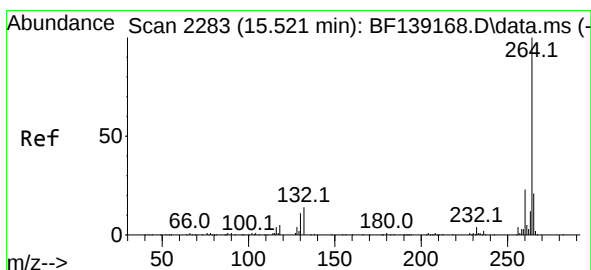
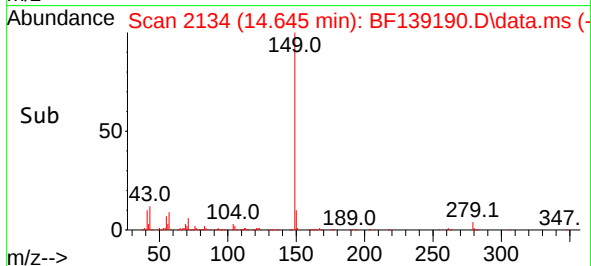
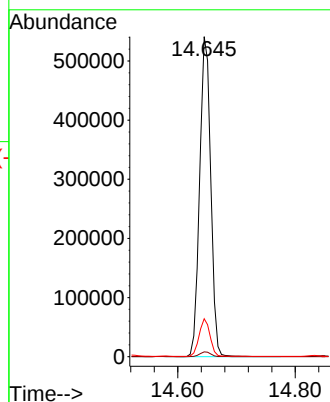
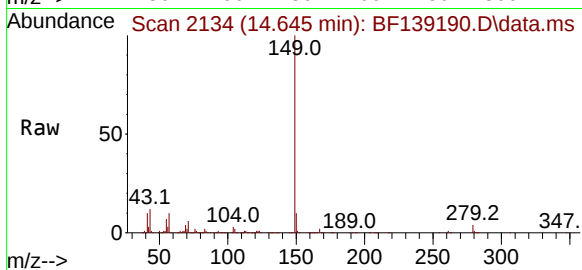
Tgt Ion:149 Resp: 707351

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139190.D

Acq: 27 Aug 2024 16:50

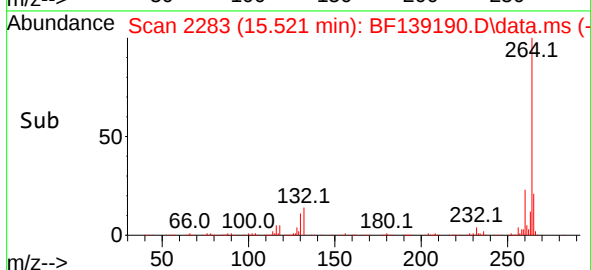
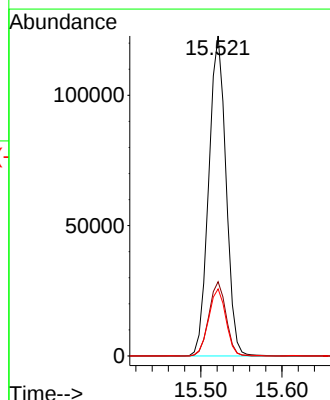
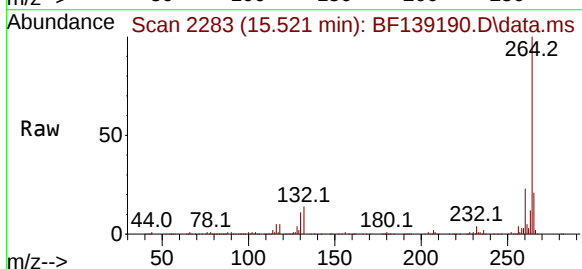
Tgt Ion:264 Resp: 181108

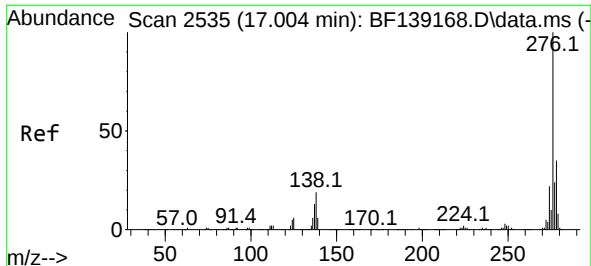
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.0 17.0 25.6

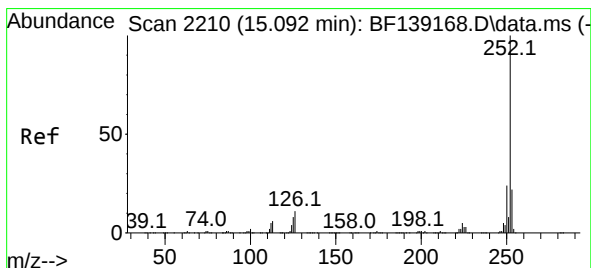
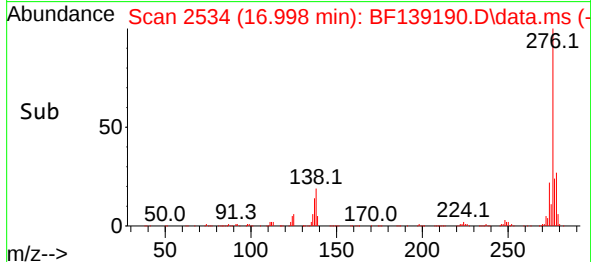
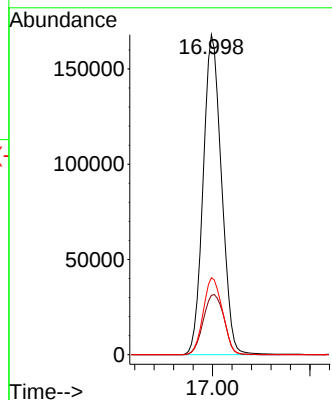
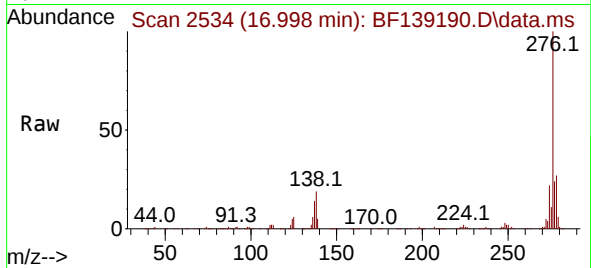




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.416 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

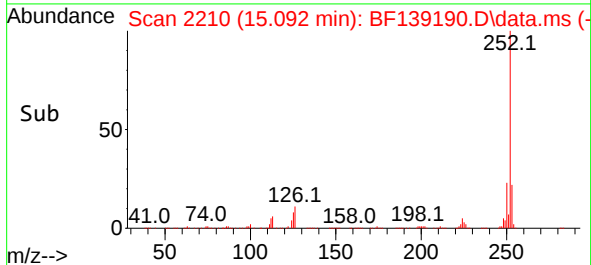
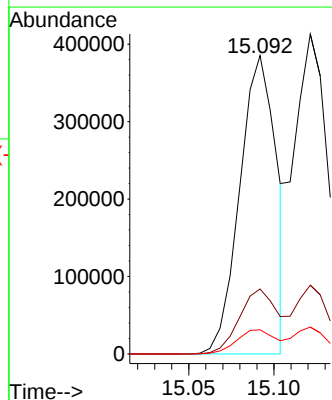
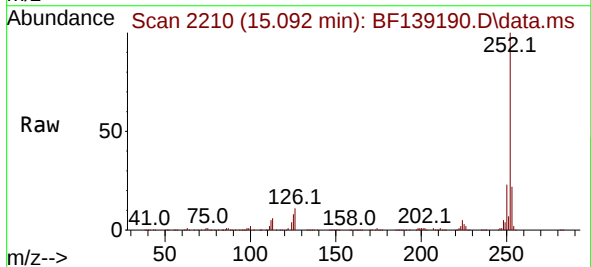
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

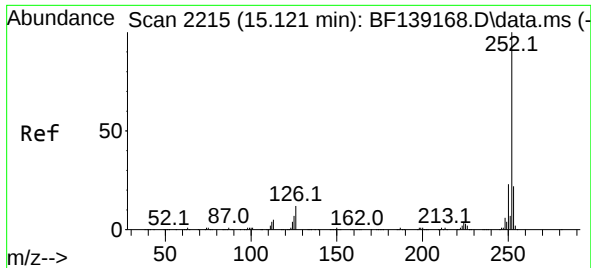
Tgt Ion:276 Resp: 438578
Ion Ratio Lower Upper
276 100
138 21.3 17.4 26.2
277 25.2 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 54.046 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:252 Resp: 572578
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 8.1 6.7 10.1

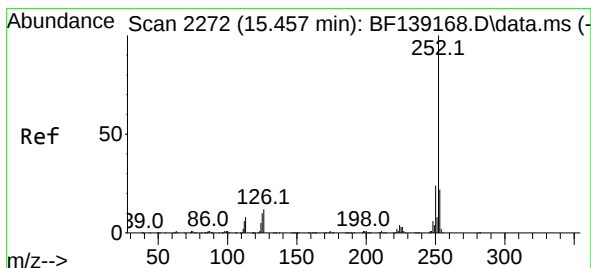
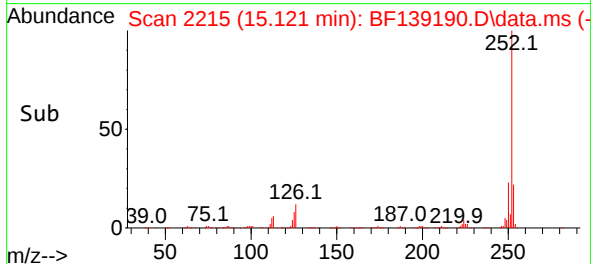
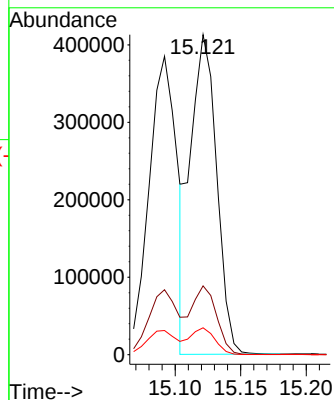
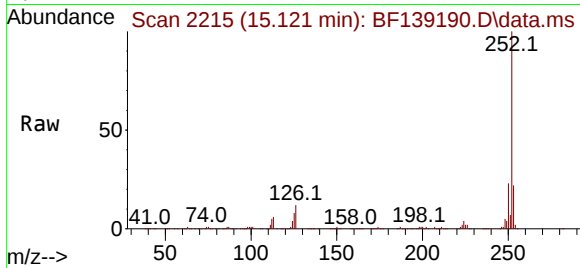




#89
Benzo(k)fluoranthene
Concen: 59.355 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

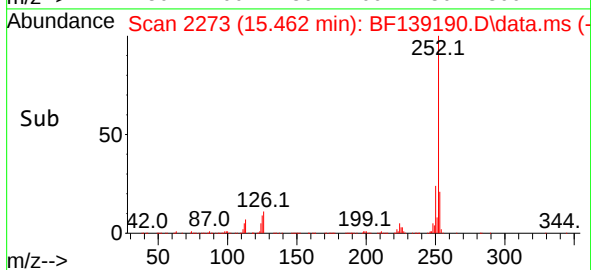
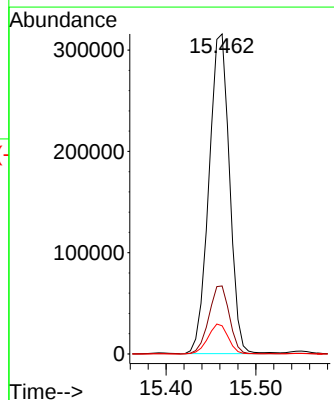
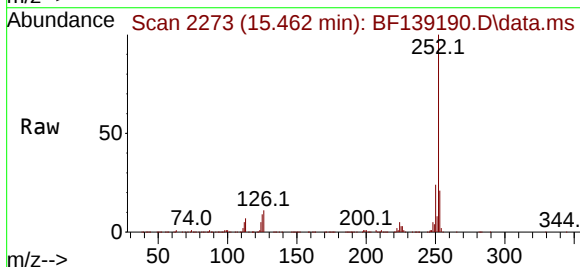
Instrument :
BNA_F
ClientSampleId :
UI-5MSD

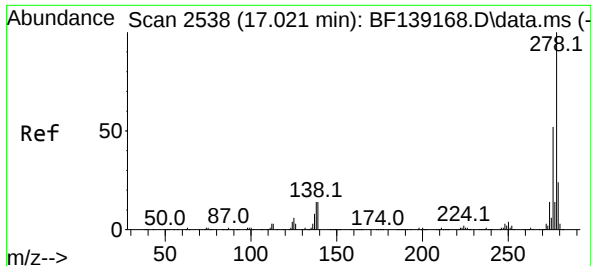
Tgt Ion:252 Resp: 568524
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.4 6.5 9.7



#90
Benzo(a)pyrene
Concen: 55.880 ng
RT: 15.462 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:252 Resp: 502498
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 8.8 7.8 11.6

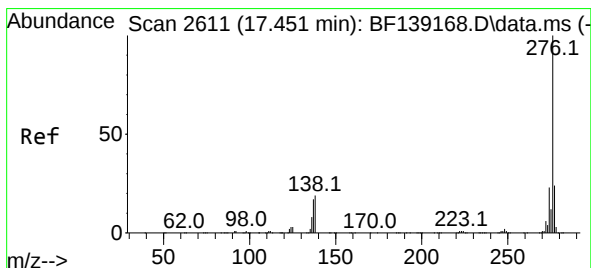
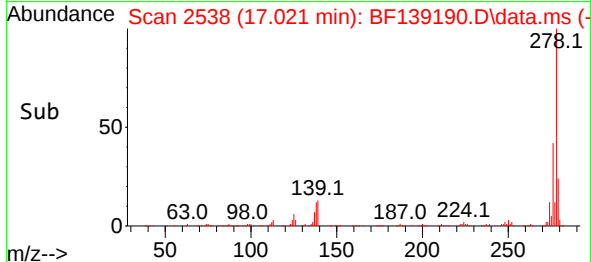
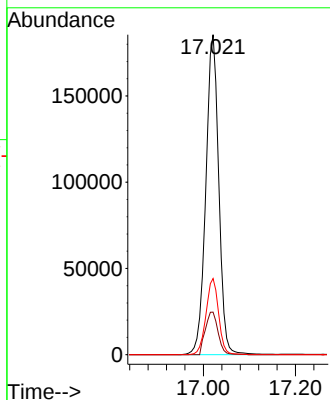
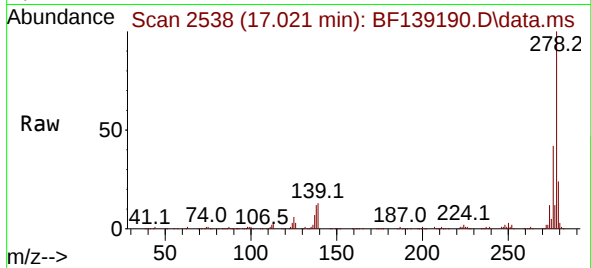




#91
Dibenzo(a,h)anthracene
Concen: 35.854 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Instrument :
BNA_F
ClientSampleId :
UI-5MSD

Tgt Ion:278 Resp: 363910
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 29.422 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF139190.D
Acq: 27 Aug 2024 16:50

Tgt Ion:276 Resp: 308892
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 18.8 15.0 22.6

