

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139819.D
 Acq On : 15 Oct 2024 18:30
 Operator : RC/JU
 Sample : P4395-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMSD

Quant Time: Oct 15 19:00:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	80793	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	311366	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	172284	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	284327	20.000	ng	0.00
76) Chrysene-d12	14.016	240	125906	20.000	ng	0.00
86) Perylene-d12	15.474	264	162383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	693965	144.928	ng	0.02
7) Phenol-d6	6.492	99	855448	134.333	ng	0.00
23) Nitrobenzene-d5	7.422	82	640874	105.940	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	228227	157.071	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1149857	99.825	ng	0.00
79) Terphenyl-d14	12.957	244	816465	155.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	99473	47.743	ng	# 82
3) Pyridine	3.516	79	209992	41.185	ng	98
4) n-Nitrosodimethylamine	3.451	42	159904	52.807	ng	96
6) Aniline	6.522	93	113592	20.702	ng	# 58
8) 2-Chlorophenol	6.645	128	277812	54.953	ng	99
9) Benzaldehyde	6.410	77	30994	8.665	ng	100
10) Phenol	6.510	94	312719	46.782	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	274861	55.138	ng	99
12) 1,3-Dichlorobenzene	6.798	146	282183	49.366	ng	99
13) 1,4-Dichlorobenzene	6.875	146	286921	50.039	ng	100
14) 1,2-Dichlorobenzene	7.022	146	274703	51.635	ng	99
15) Benzyl Alcohol	6.998	79	261098	56.966	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	488195	55.884	ng	96
17) 2-Methylphenol	7.110	107	219166	53.589	ng	98
18) Hexachloroethane	7.363	117	107129	51.569	ng	100
19) n-Nitroso-di-n-propyla...	7.269	70	211587	57.056	ng	98
20) 3+4-Methylphenols	7.269	107	275822	53.635	ng	96
22) Acetophenone	7.263	105	383846	52.530	ng	99
24) Nitrobenzene	7.439	77	316835	50.240	ng	99
25) Isophorone	7.675	82	575461	55.741	ng	99
26) 2-Nitrophenol	7.751	139	151483	55.168	ng	97
27) 2,4-Dimethylphenol	7.792	122	220246	66.010	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	342943	54.127	ng	100
29) 2,4-Dichlorophenol	7.998	162	234288	54.144	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	245474	49.825	ng	99
31) Naphthalene	8.157	128	829880	51.715	ng	100
32) Benzoic acid	7.922	122	165202	53.625	ng	96
33) 4-Chloroaniline	8.210	127	47822	9.087	ng	99
34) Hexachlorobutadiene	8.269	225	153643	49.146	ng	100
35) Caprolactam	8.581	113	42132	34.486	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	256122	55.735	ng	99
37) 2-Methylnaphthalene	8.845	142	546332	54.304	ng	100
38) 1-Methylnaphthalene	8.945	142	501663	51.219	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	253242	50.609	ng	98
41) Hexachlorocyclopentadiene	8.998	237	254681	193.582	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	171374	53.872	ng	100

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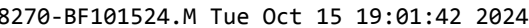
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMSD

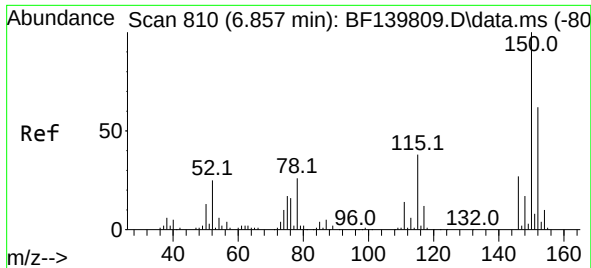
Quant Time: Oct 15 19:00:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	178773	52.445	ng	99
46) 1,1'-Biphenyl	9.310	154	678244	52.068	ng	99
47) 2-Chloronaphthalene	9.339	162	504531	50.694	ng	100
48) 2-Nitroaniline	9.439	65	177066	54.493	ng	97
49) Acenaphthylene	9.751	152	825117	56.451	ng	100
50) Dimethylphthalate	9.616	163	585702	55.540	ng	100
51) 2,6-Dinitrotoluene	9.681	165	126424	52.542	ng	99
52) Acenaphthene	9.922	154	502211	54.237	ng	99
53) 3-Nitroaniline	9.845	138	30155	12.570	ng	98
54) 2,4-Dinitrophenol	9.957	184	141956	145.174	ng	98
55) Dibenzofuran	10.098	168	737392	53.109	ng	99
56) 4-Nitrophenol	10.016	139	148117	102.558	ng	97
57) 2,4-Dinitrotoluene	10.086	165	163426	55.013	ng	96
58) Fluorene	10.439	166	569315	52.685	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	149237	58.875	ng	99
60) Diethylphthalate	10.310	149	560253	54.607	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	278925	52.238	ng	99
62) 4-Nitroaniline	10.463	138	107179	48.847	ng	98
63) Azobenzene	10.592	77	589284	55.094	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	89386	59.923	ng	96
66) n-Nitrosodiphenylamine	10.551	169	486252	54.066	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	162974	53.203	ng	99
68) Hexachlorobenzene	10.986	284	177033	51.663	ng	97
69) Atrazine	11.075	200	122295	72.838	ng	99
70) Pentachlorophenol	11.186	266	176105	120.172	ng	99
71) Phenanthrene	11.404	178	747788	55.060	ng	99
72) Anthracene	11.451	178	750698	56.252	ng	99
73) Carbazole	11.610	167	605914	51.318	ng	100
74) Di-n-butylphthalate	11.933	149	713882	55.643	ng	99
75) Fluoranthene	12.586	202	639483	49.904	ng	100
77) Benzidine	12.716	184	56420	26.826	ng	99
78) Pyrene	12.816	202	632575	51.109	ng	100
80) Butylbenzylphthalate	13.427	149	191044	56.935	ng	97
81) Benzo(a)anthracene	14.004	228	456702	54.610	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	78672	28.233	ng #	98
83) Chrysene	14.039	228	421001	55.231	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	237907	54.966	ng	100
85) Di-n-octyl phthalate	14.598	149	451020	56.011	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	567596	52.199	ng	100
88) Benzo(b)fluoranthene	15.051	252	540542	58.033	ng	98
89) Benzo(k)fluoranthene	15.080	252	421182	50.953	ng	100
90) Benzo(a)pyrene	15.415	252	480972	59.119	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	459551	51.536	ng	99
92) Benzo(g,h,i)perylene	17.398	276	422342	45.157	ng	99

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

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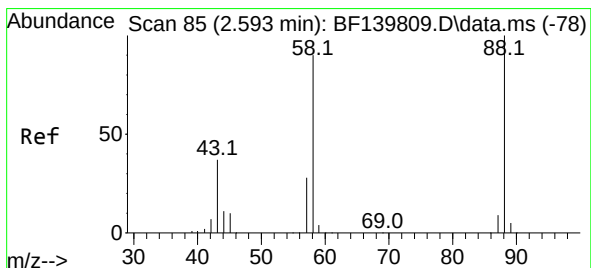
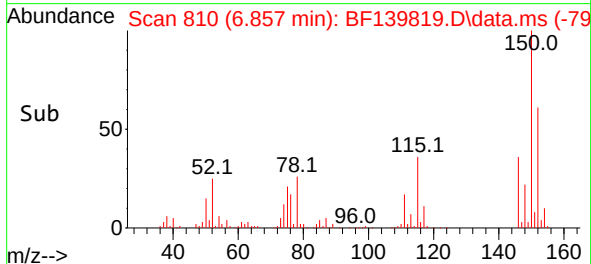
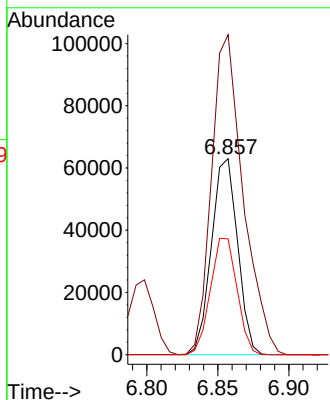
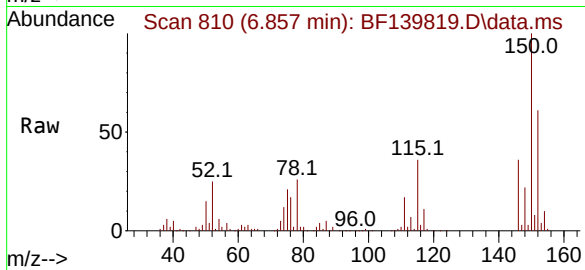




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

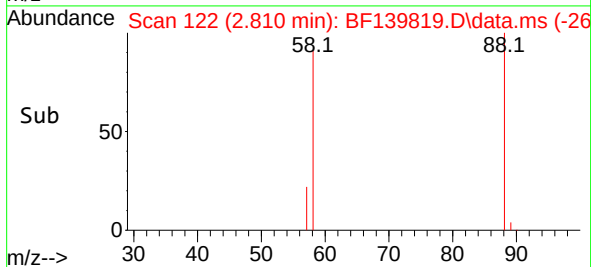
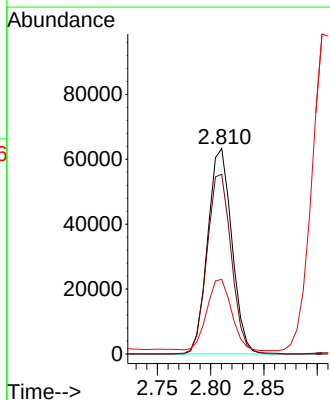
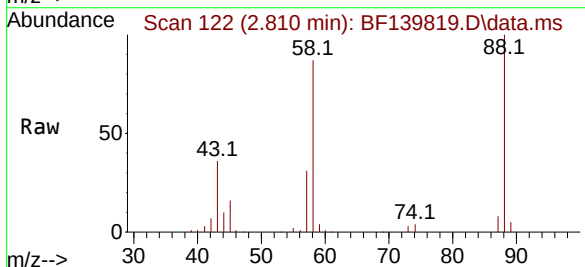
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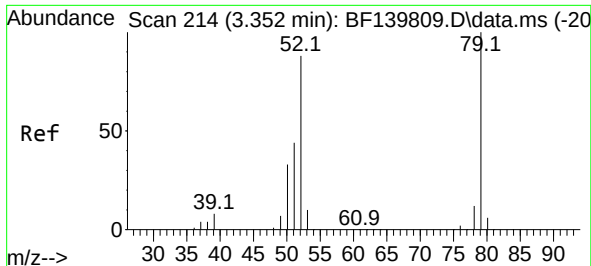
Tgt Ion:152 Resp: 80793
 Ion Ratio Lower Upper
 152 100
 150 163.2 128.2 192.2
 115 59.1 48.1 72.1



#2
 1,4-Dioxane
 Concen: 47.743 ng
 RT: 2.810 min Scan# 122
 Delta R.T. 0.218 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

Tgt Ion: 88 Resp: 99473
 Ion Ratio Lower Upper
 88 100
 58 88.7 71.3 106.9
 43 0.0 28.9 43.3#

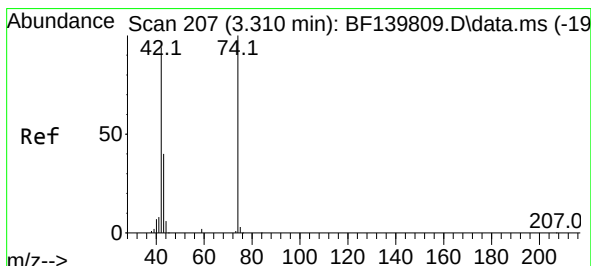
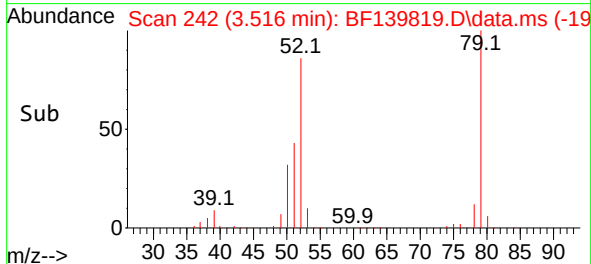
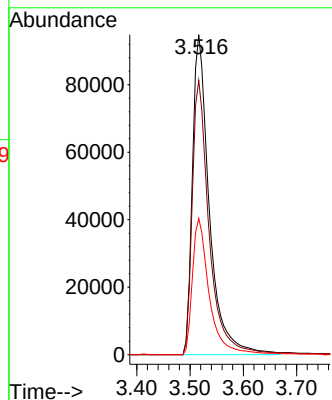
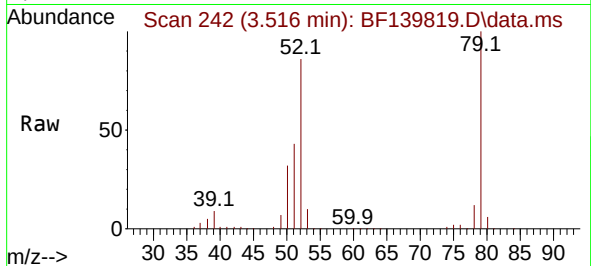




#3
Pyridine
Concen: 41.185 ng
RT: 3.516 min Scan# 24
Delta R.T. 0.165 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

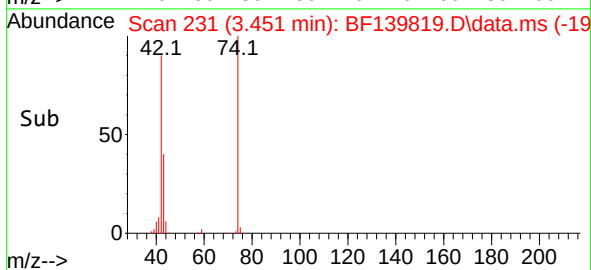
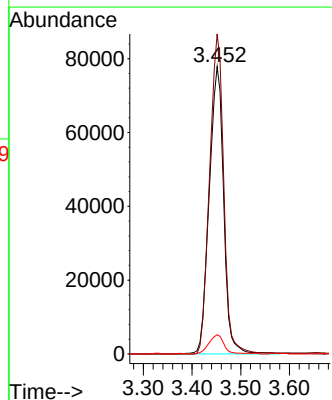
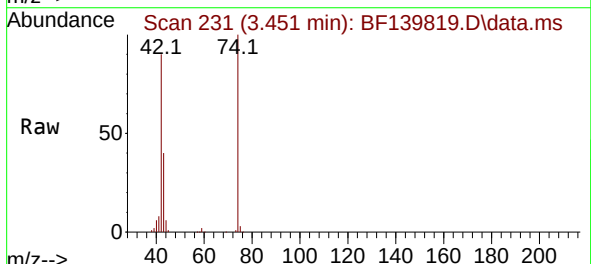
Instrument :
BNA_F
ClientSampleId :
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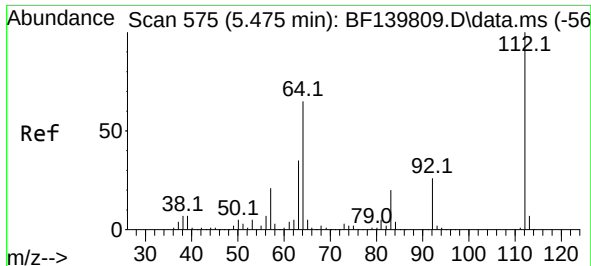
Tgt Ion: 79 Resp: 209992
Ion Ratio Lower Upper
79 100
52 85.7 70.0 105.0
51 42.6 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 52.807 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.141 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion: 42 Resp: 159904
Ion Ratio Lower Upper
42 100
74 111.4 85.5 128.3
44 6.7 5.2 7.8

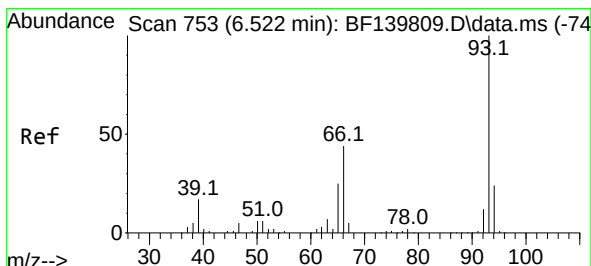
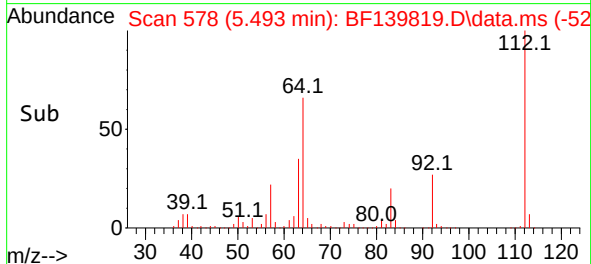
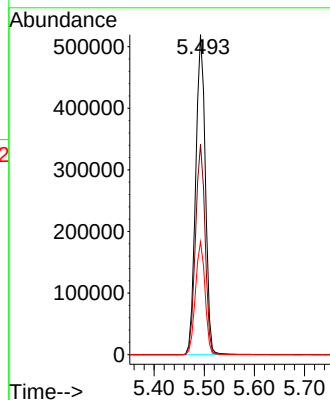
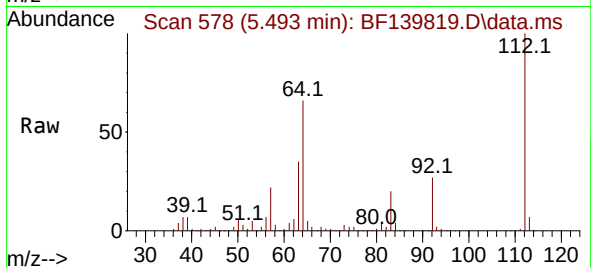




#5
2-Fluorophenol
Concen: 144.928 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

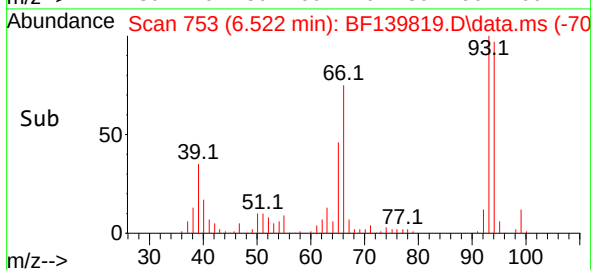
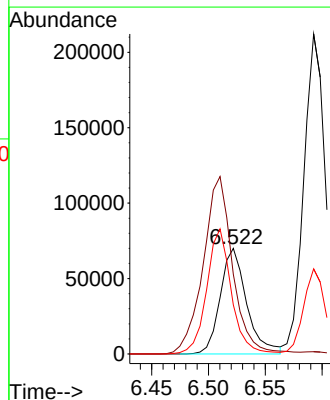
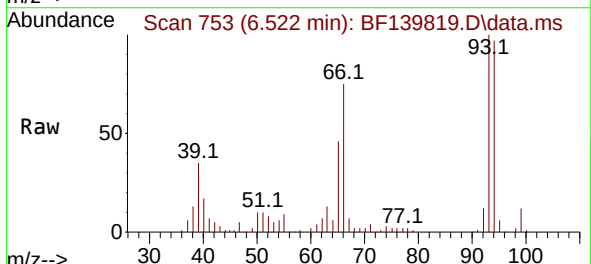
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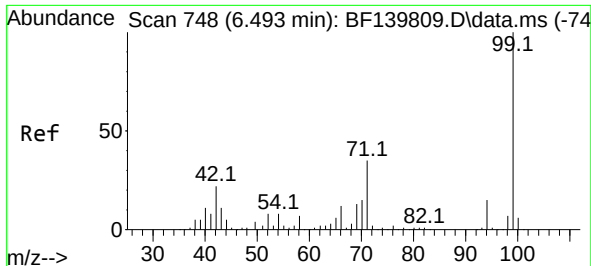
Tgt Ion:112 Resp: 693965
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 35.3 27.6 41.4



#6
Aniline
Concen: 20.702 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion: 93 Resp: 113592
Ion Ratio Lower Upper
93 100
66 75.5 37.3 55.9#
65 46.5 20.9 31.3#

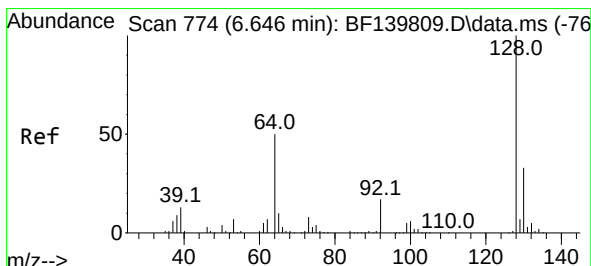
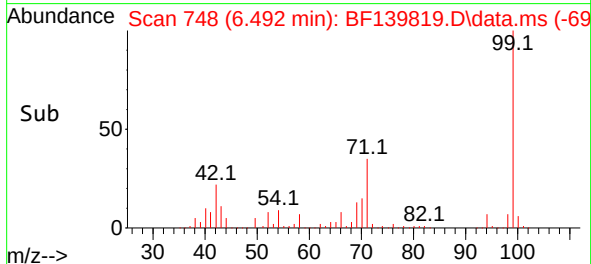
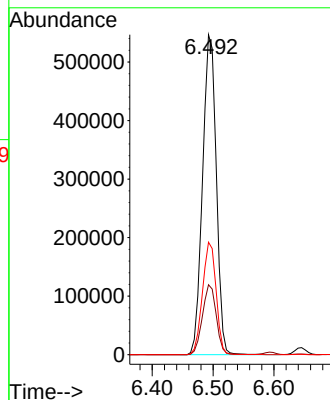
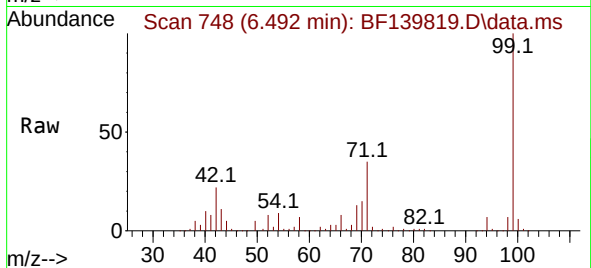




#7
Phenol-d6
Concen: 134.333 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

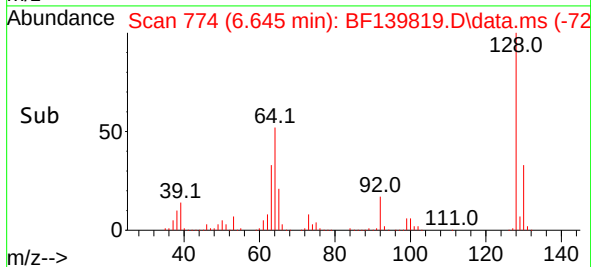
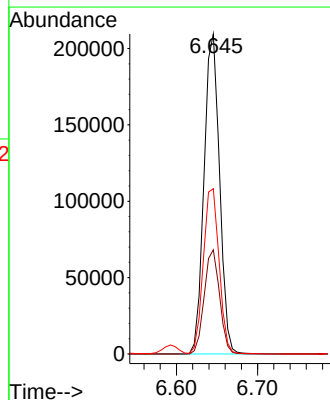
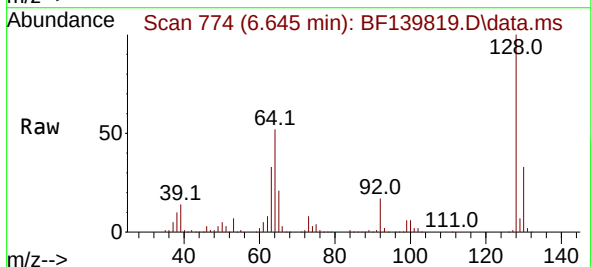
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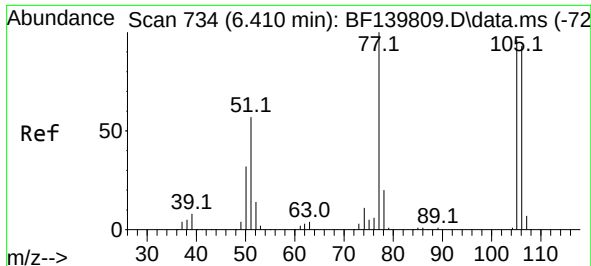
Tgt Ion: 99 Resp: 855448
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 35.2 27.8 41.6



#8
2-Chlorophenol
Concen: 54.953 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:128 Resp: 277812
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 51.7 31.2 71.2





#9

Benzaldehyde

Concen: 8.665 ng

RT: 6.410 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

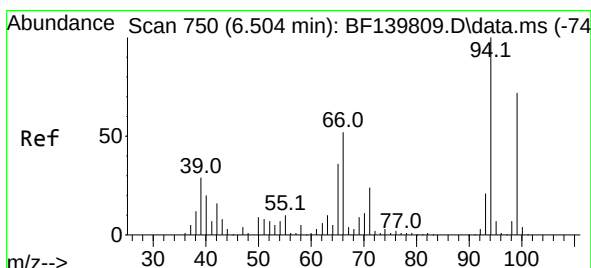
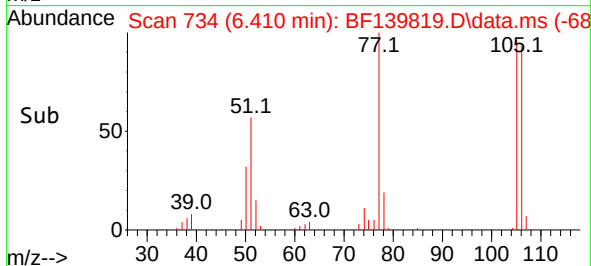
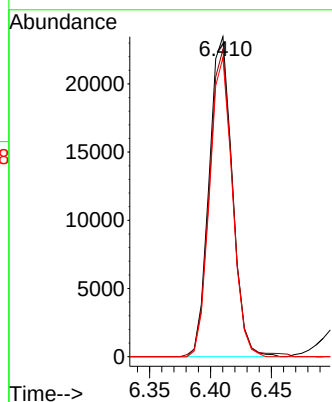
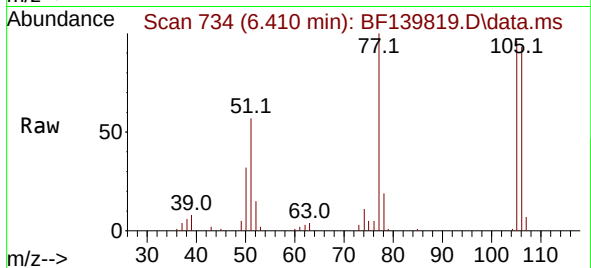
Tgt Ion: 77 Resp: 30994

Ion Ratio Lower Upper

77 100

105 96.0 75.9 115.9

106 93.5 73.4 113.4



#10

Phenol

Concen: 46.782 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

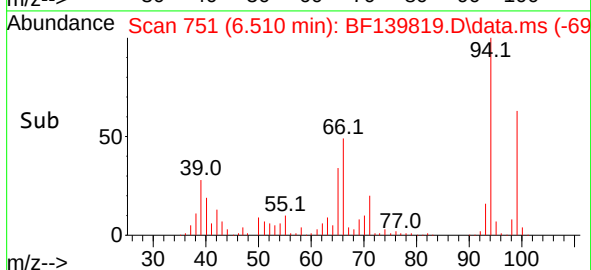
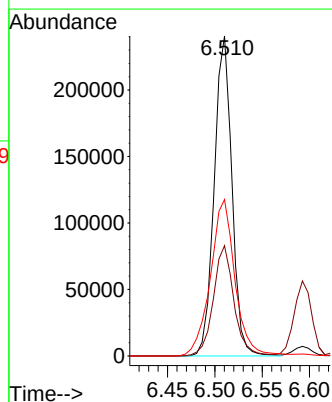
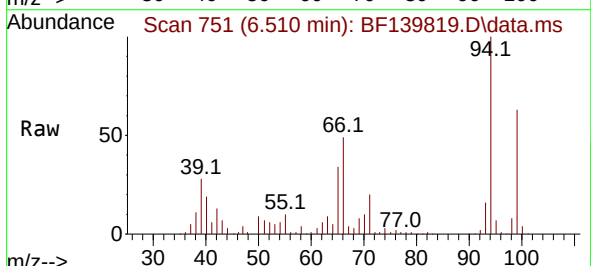
Tgt Ion: 94 Resp: 312719

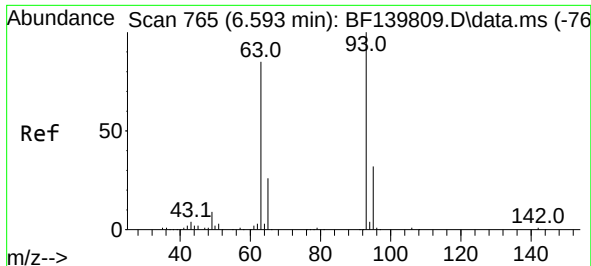
Ion Ratio Lower Upper

94 100

65 34.5 15.7 55.7

66 48.9 32.2 72.2





#11

bis(2-Chloroethyl)ether

Concen: 55.138 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

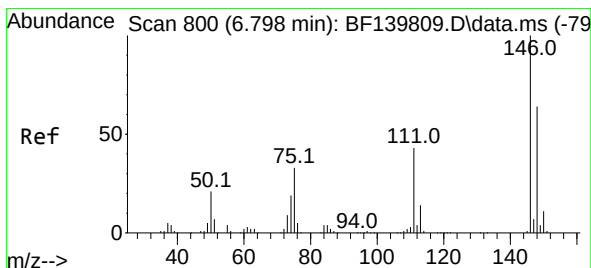
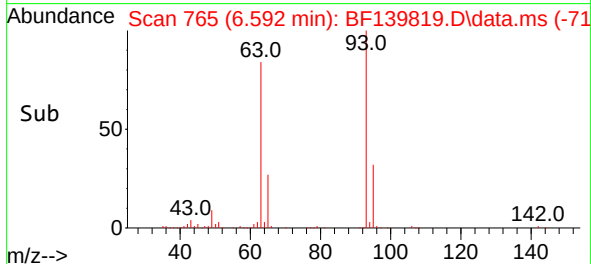
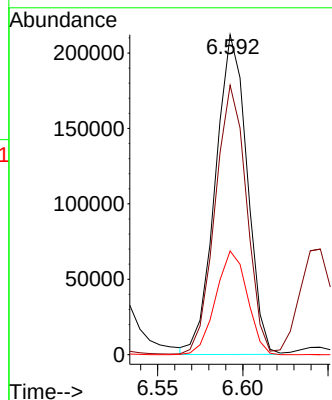
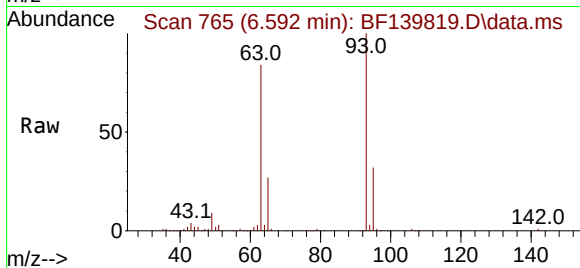
Tgt Ion: 93 Resp: 274861

Ion Ratio Lower Upper

93 100

63 84.2 64.7 104.7

95 32.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 49.366 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

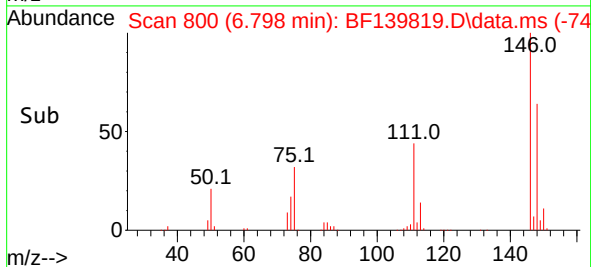
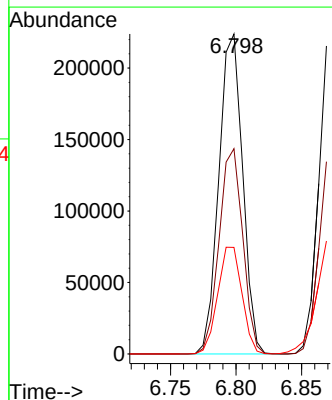
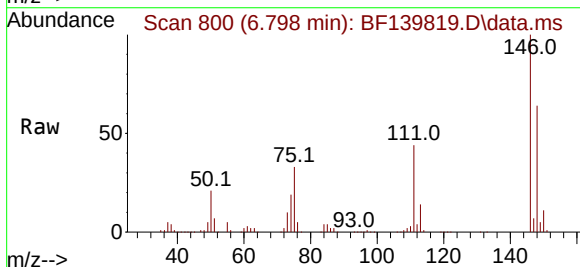
Tgt Ion:146 Resp: 282183

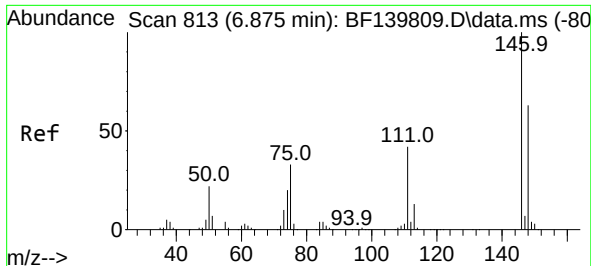
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

75 33.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.039 ng

RT: 6.875 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

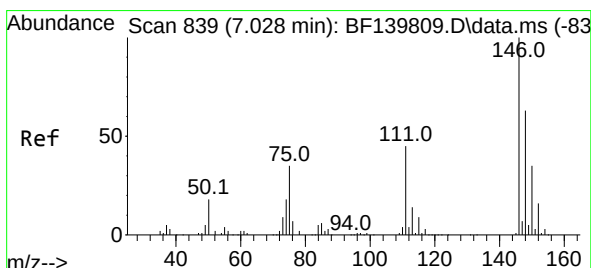
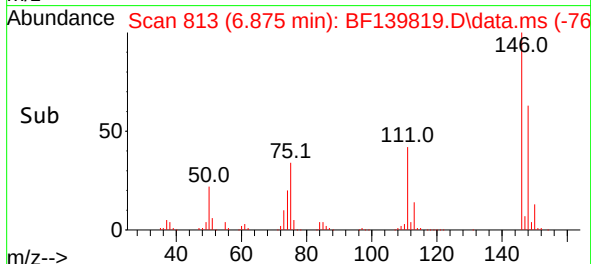
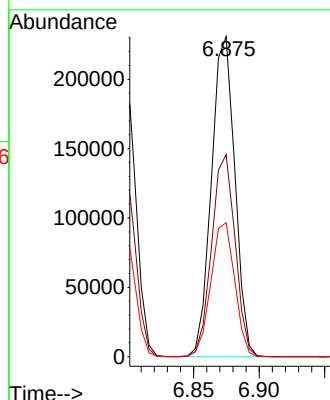
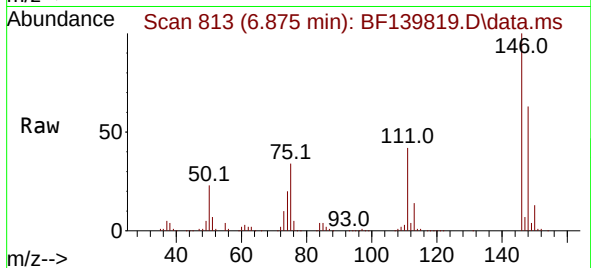
Tgt Ion:146 Resp: 286921

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

111 41.8 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 51.635 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

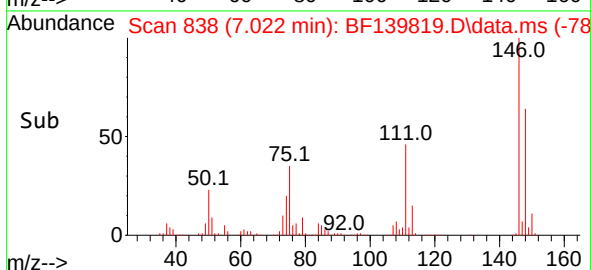
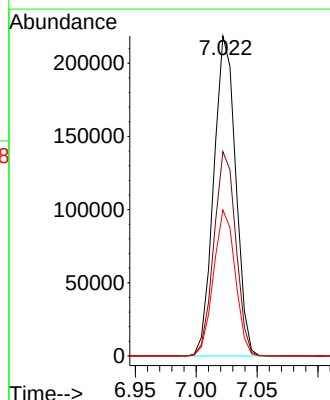
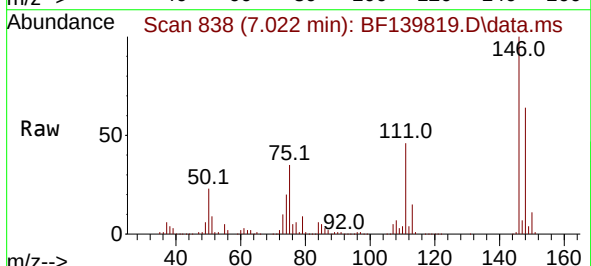
Tgt Ion:146 Resp: 274703

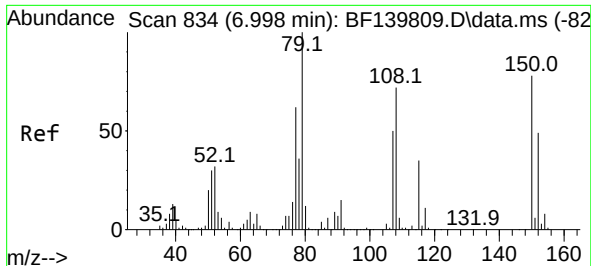
Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

111 45.6 36.0 54.0

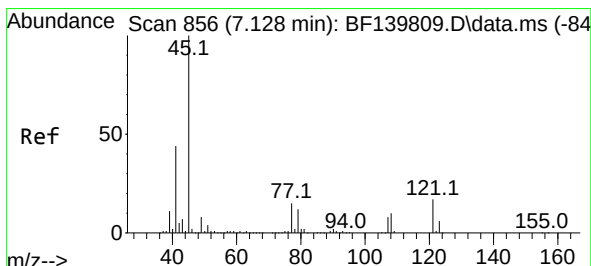
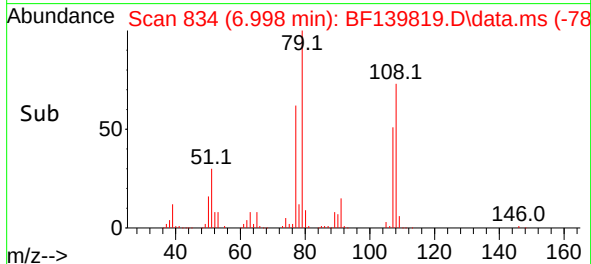
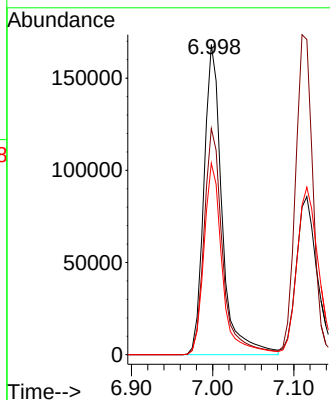
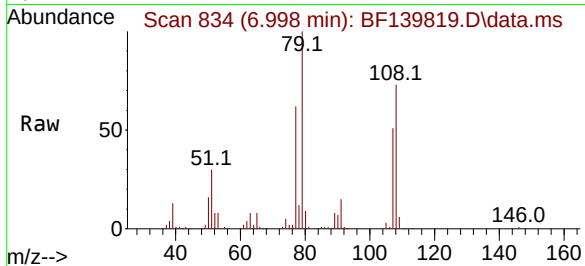




#15
Benzyl Alcohol
Concen: 56.966 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

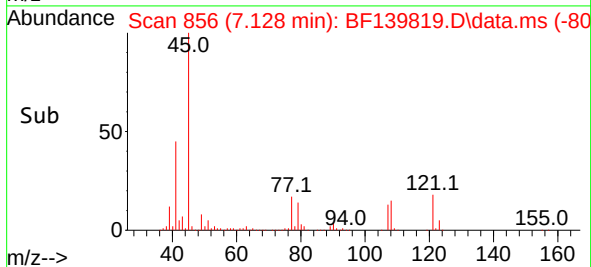
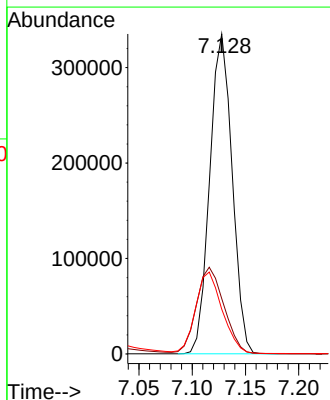
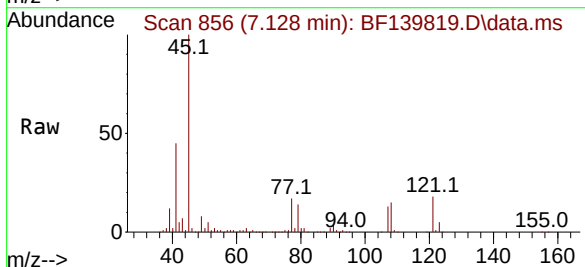
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

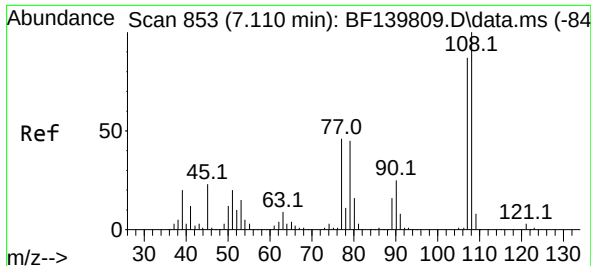
Tgt Ion: 79 Resp: 261098
Ion Ratio Lower Upper
79 100
108 73.0 57.3 85.9
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.884 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion: 45 Resp: 488195
Ion Ratio Lower Upper
45 100
77 17.3 0.0 35.4
79 14.0 0.0 32.4

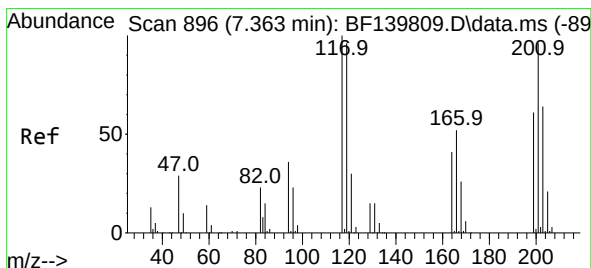
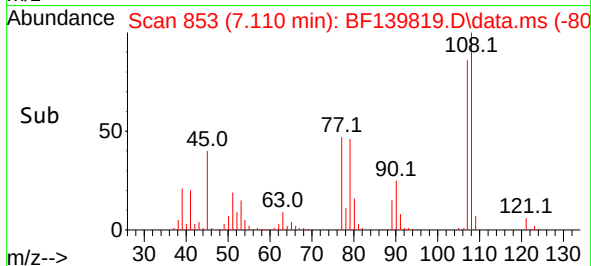
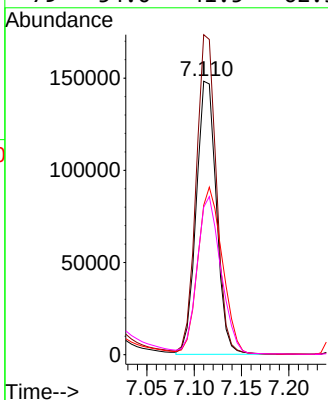
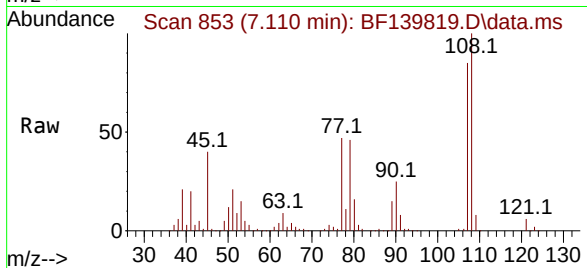




#17
2-Methylphenol
Concen: 53.589 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

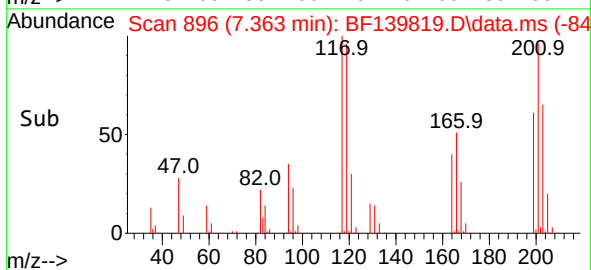
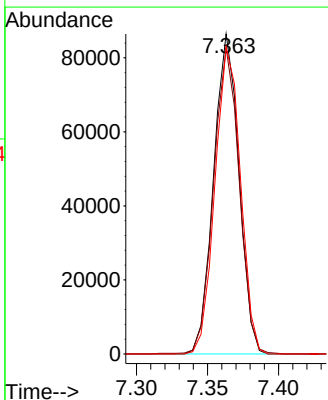
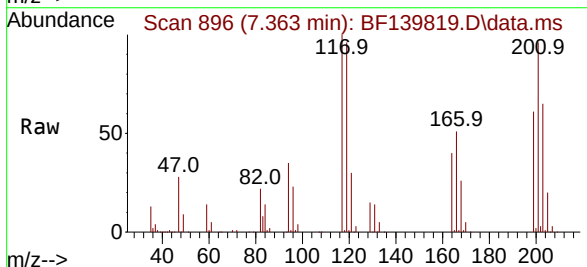
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

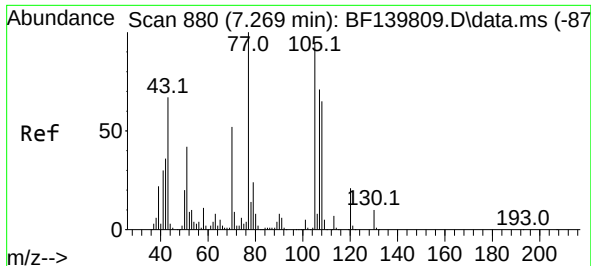
Tgt Ion:	107	Resp:	219166
Ion	Ratio	Lower	Upper
107	100		
108	117.0	92.2	138.4
77	54.7	42.2	63.2
79	54.0	41.5	62.3



#18
Hexachloroethane
Concen: 51.569 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:	117	Resp:	107129
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.4
201	95.9	76.9	115.3



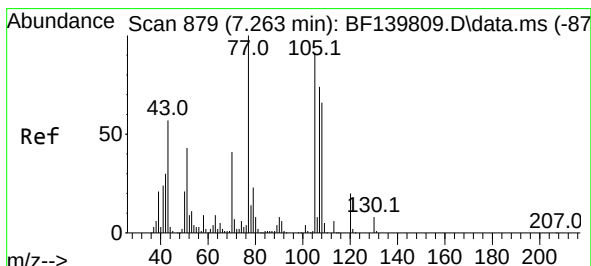
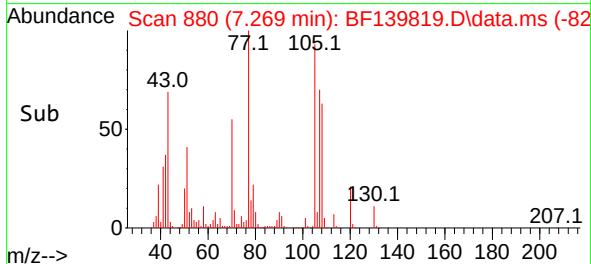
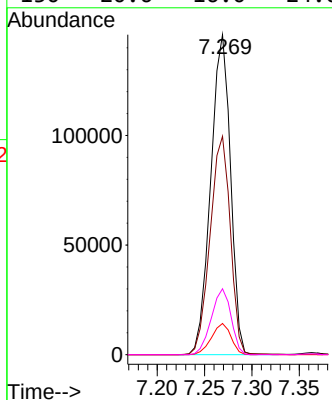
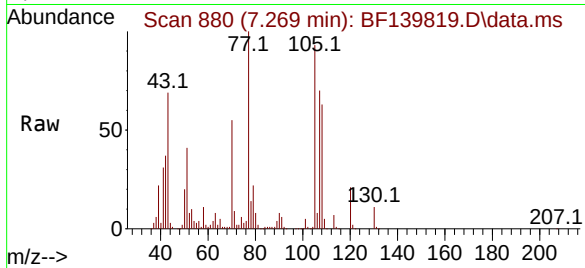


#19
n-Nitroso-di-n-propylamine
Concen: 57.056 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

Tgt Ion: 70 Resp: 211587

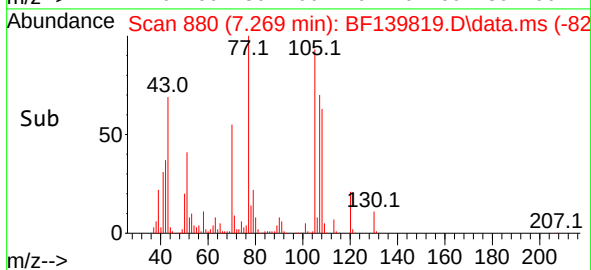
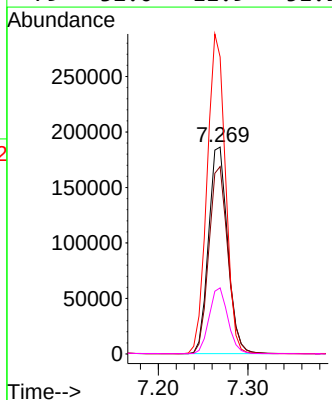
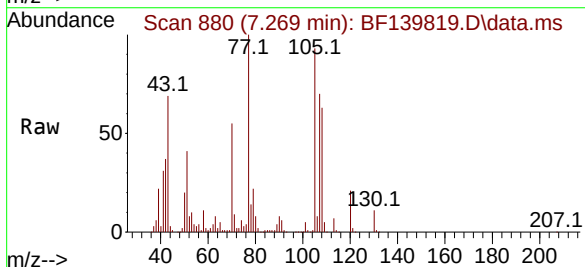
Ion	Ratio	Lower	Upper
70	100		
42	68.2	55.8	83.6
101	9.8	7.4	11.0
130	20.6	16.0	24.0

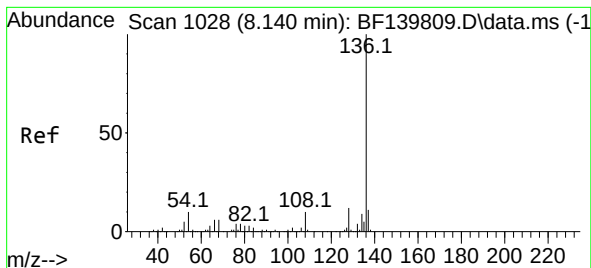


#20
3+4-Methylphenols
Concen: 53.635 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion: 107 Resp: 275822

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	143.5	115.6	155.6
79	32.0	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

Tgt Ion:136 Resp: 311366

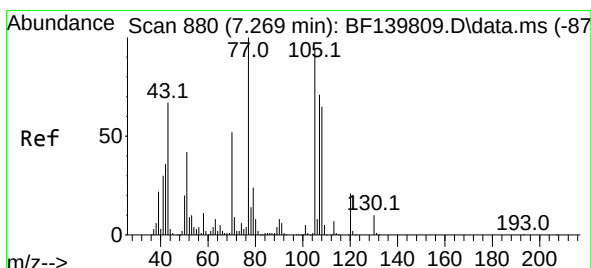
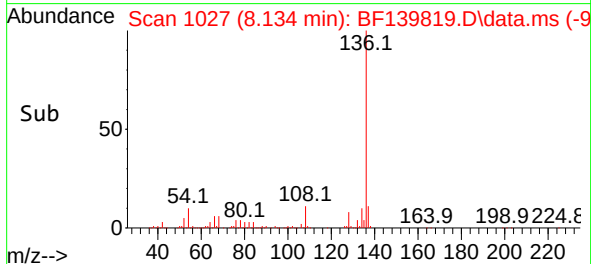
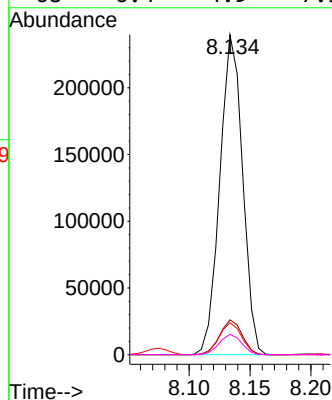
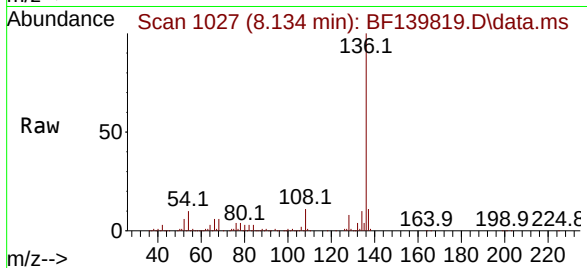
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 7.7 11.5

68 6.4 4.9 7.3



#22

Acetophenone

Concen: 52.530 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Tgt Ion:105 Resp: 383846

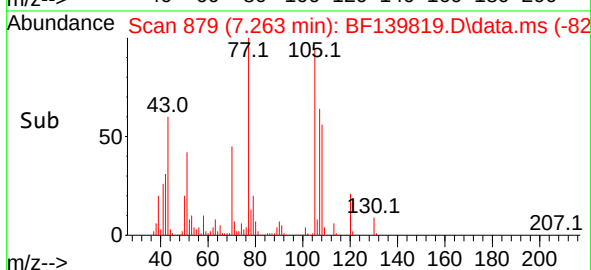
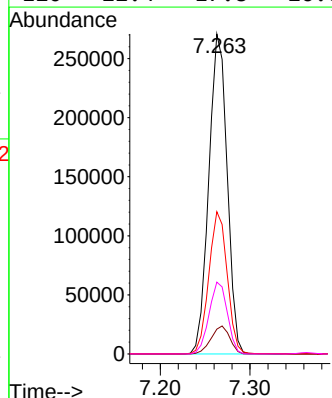
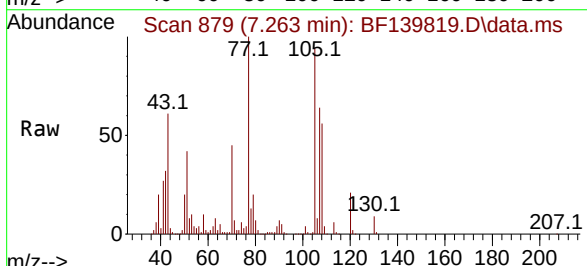
Ion Ratio Lower Upper

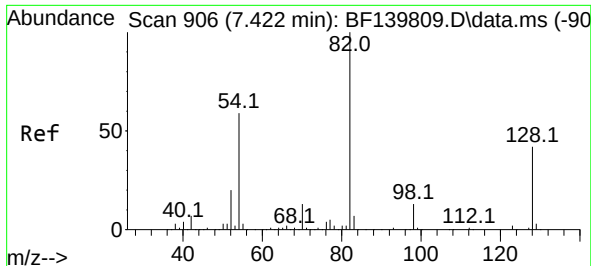
105 100

71 7.8 7.3 10.9

51 44.5 35.4 53.2

120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 105.940 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

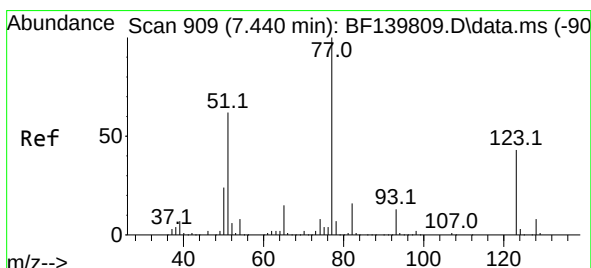
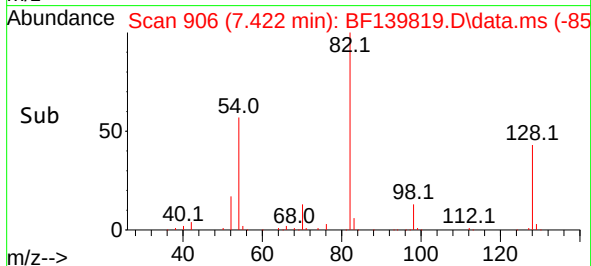
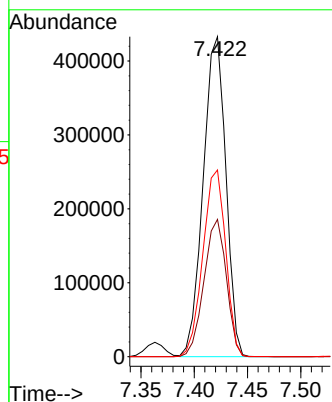
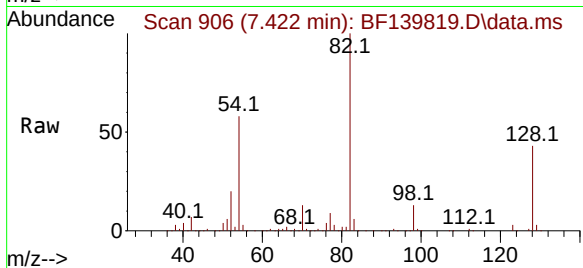
Tgt Ion: 82 Resp: 640874

Ion Ratio Lower Upper

82 100

128 42.9 33.9 50.9

54 58.3 46.9 70.3



#24

Nitrobenzene

Concen: 50.240 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

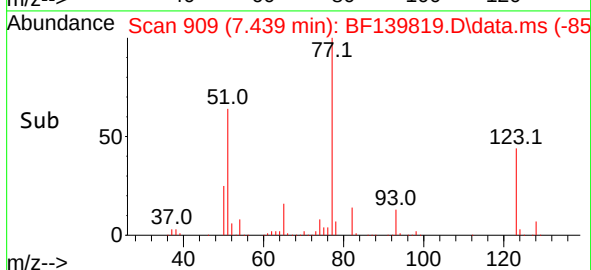
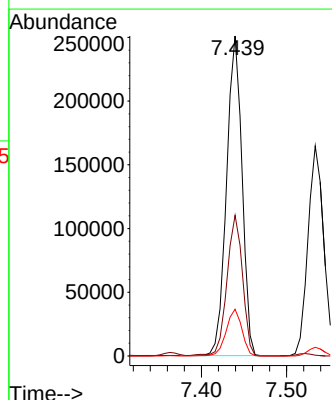
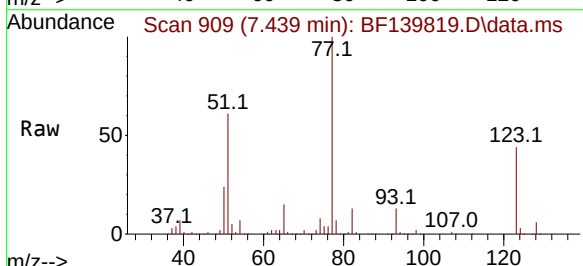
Tgt Ion: 77 Resp: 316835

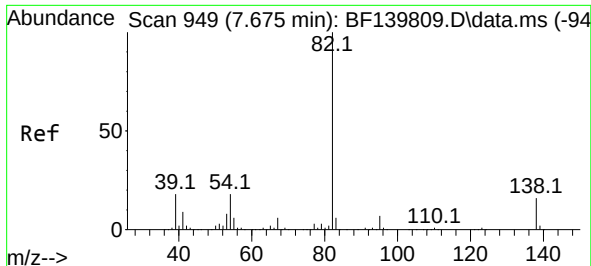
Ion Ratio Lower Upper

77 100

123 44.0 34.5 51.7

65 14.6 12.2 18.2

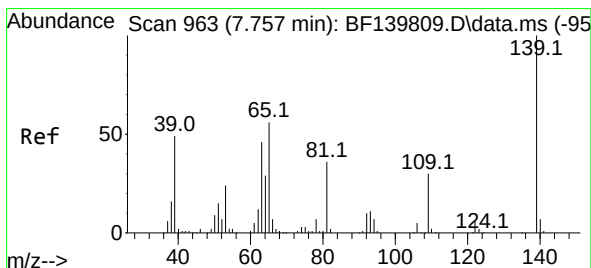
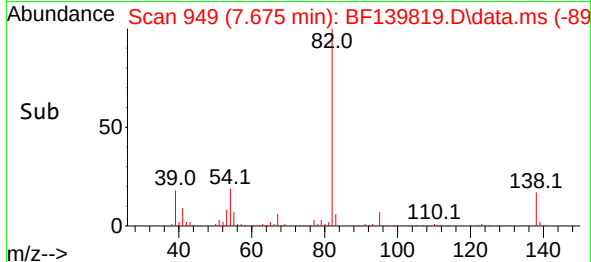
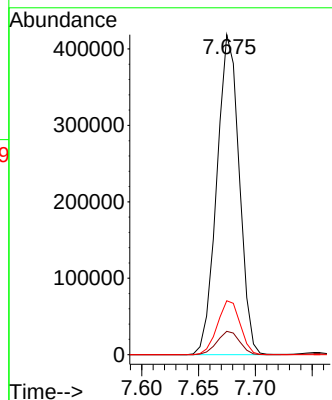
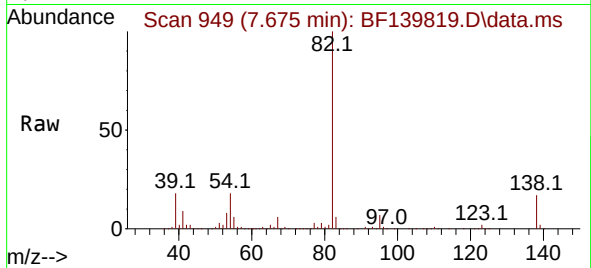




#25
Isophorone
Concen: 55.741 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

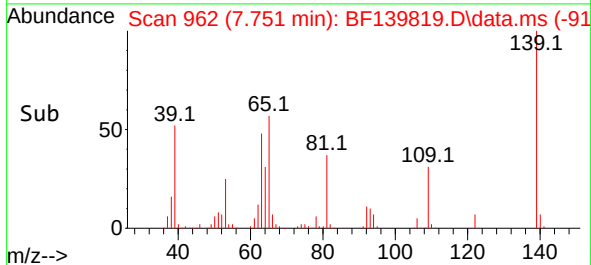
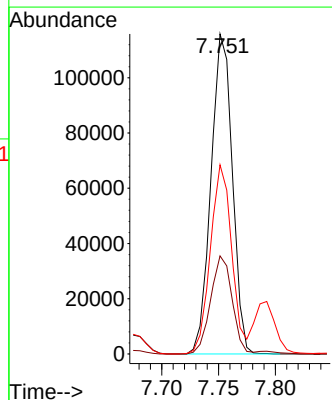
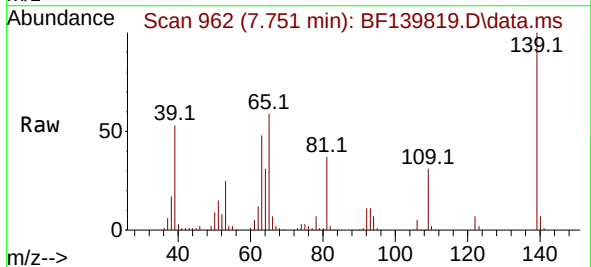
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

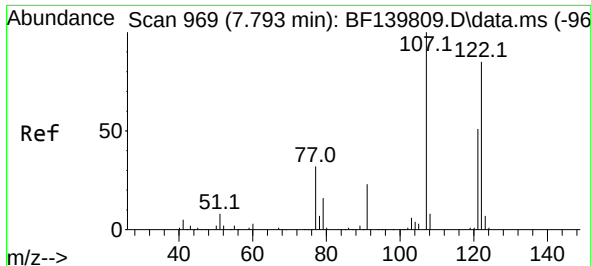
Tgt Ion: 82 Resp: 575461
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 55.168 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:139 Resp: 151483
Ion Ratio Lower Upper
139 100
109 30.7 24.2 36.2
65 59.1 44.9 67.3

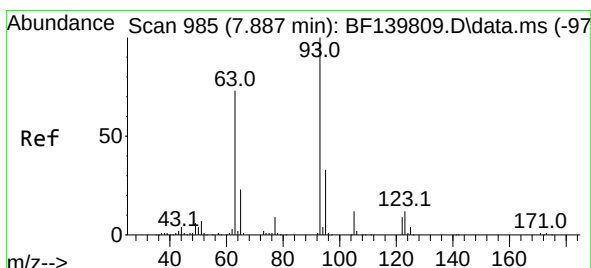
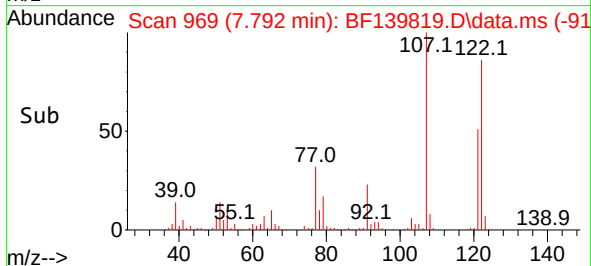
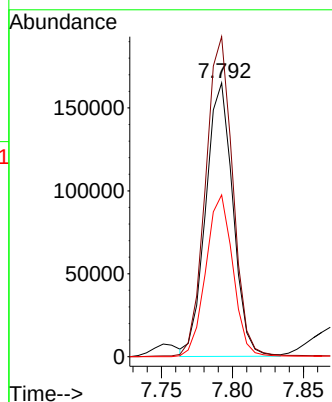
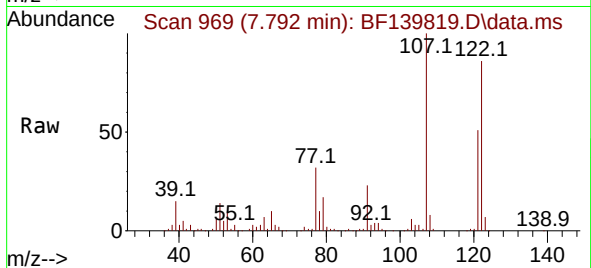




#27
2,4-Dimethylphenol
Concen: 66.010 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

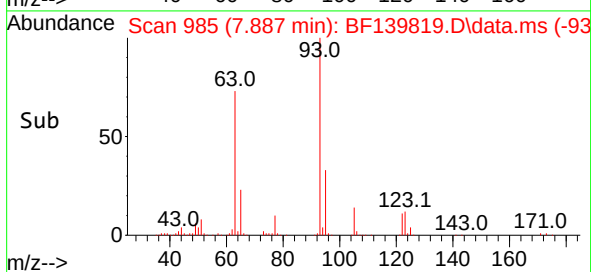
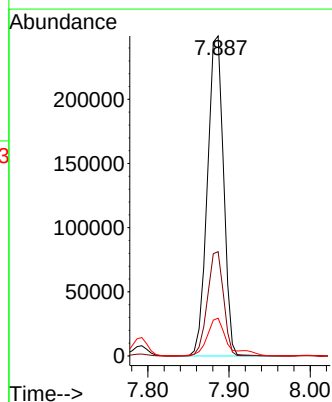
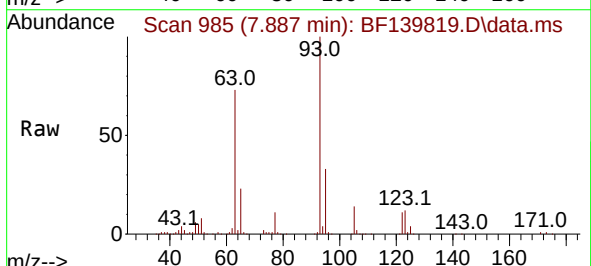
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

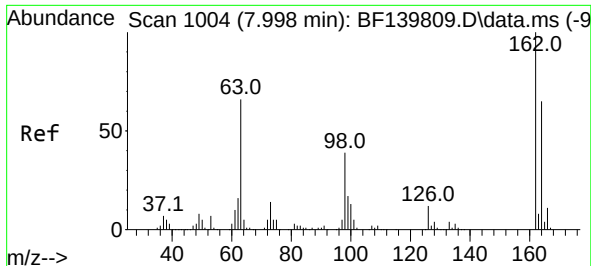
Tgt Ion:122 Resp: 220246
Ion Ratio Lower Upper
122 100
107 116.9 91.6 137.4
121 59.1 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 54.127 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion: 93 Resp: 342943
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.144 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

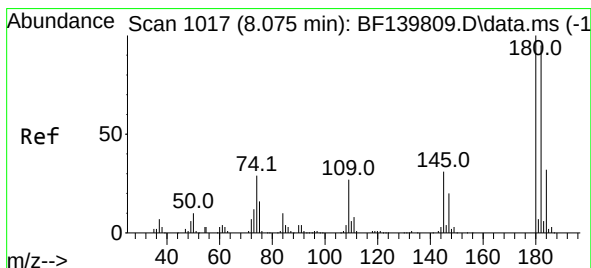
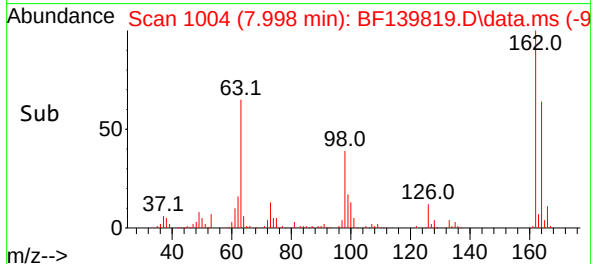
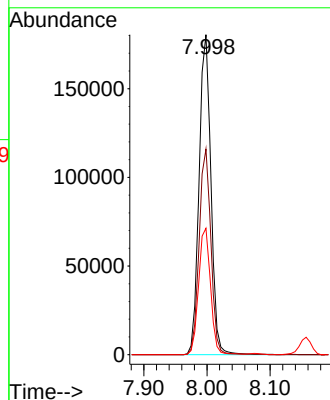
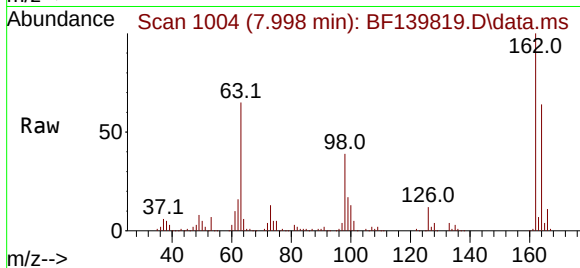
Tgt Ion:162 Resp: 234288

Ion Ratio Lower Upper

162 100

164 64.2 45.0 85.0

98 39.5 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 49.825 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

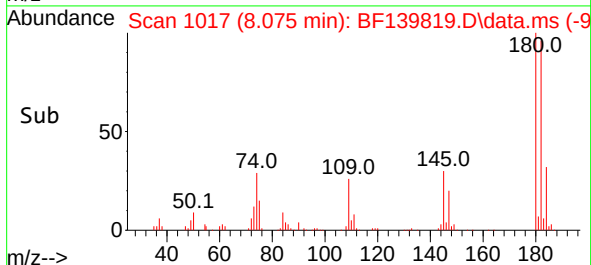
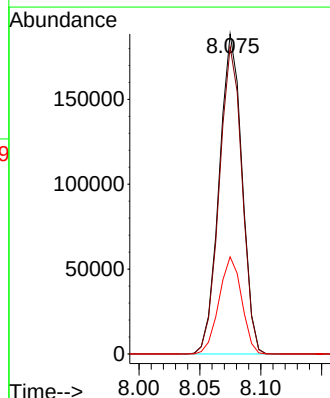
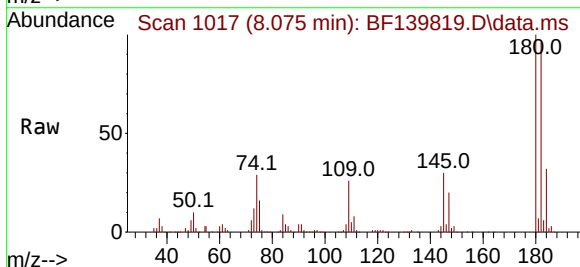
Tgt Ion:180 Resp: 245474

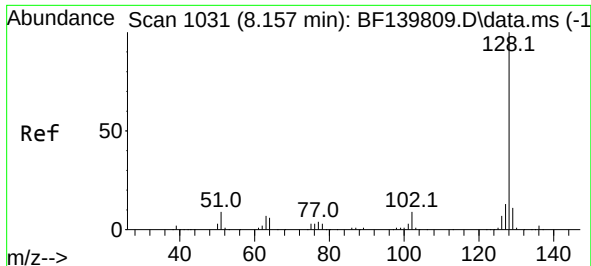
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

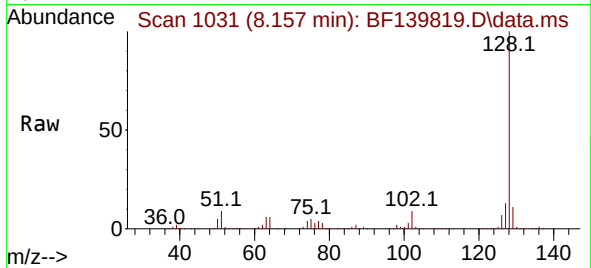
145 30.4 25.1 37.7



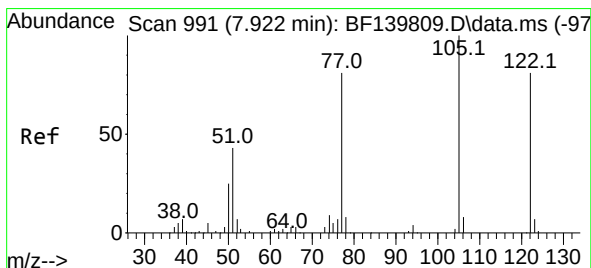
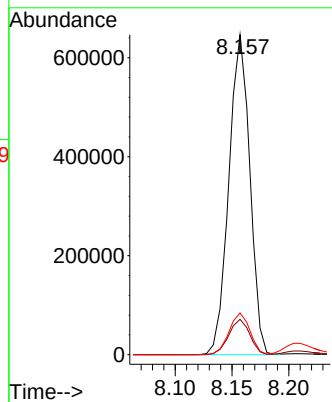
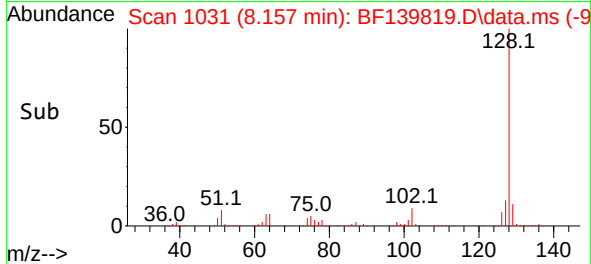


#31
Naphthalene
Concen: 51.715 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

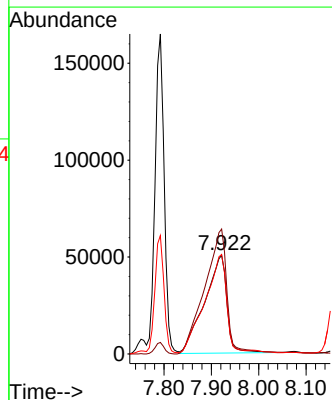
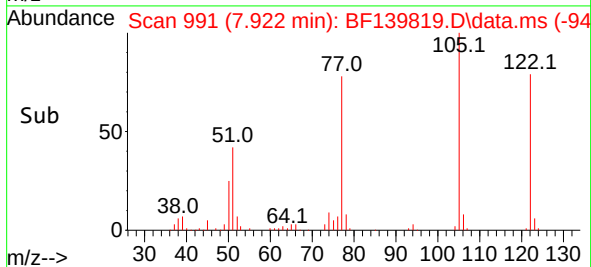
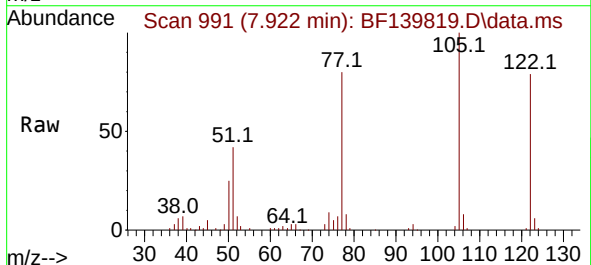


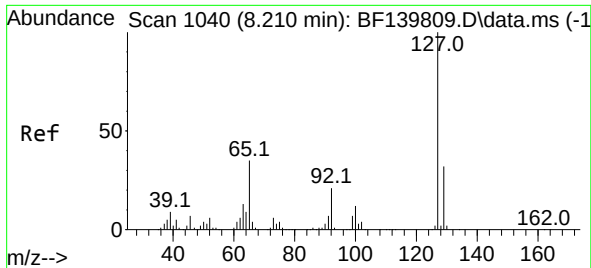
Tgt Ion:128 Resp: 829880
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 53.625 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:122 Resp: 165202
Ion Ratio Lower Upper
122 100
105 126.7 101.2 141.2
77 101.0 78.7 118.7

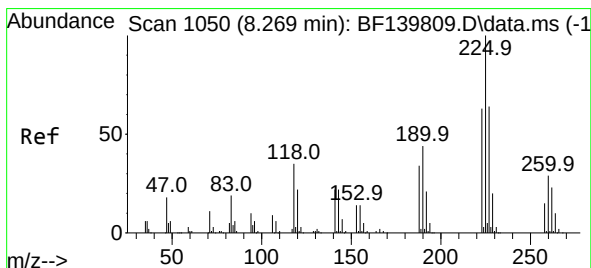
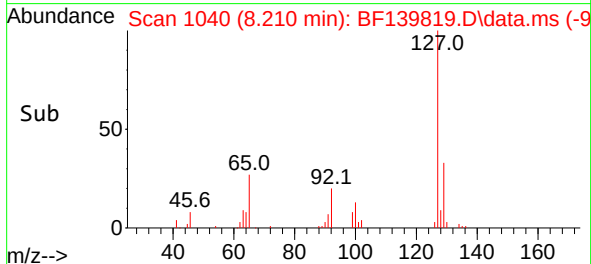
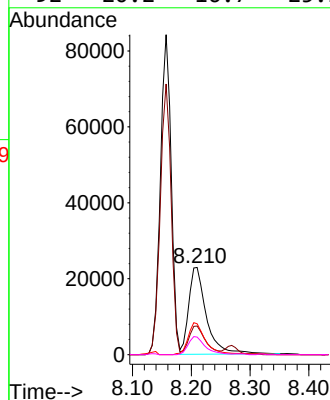
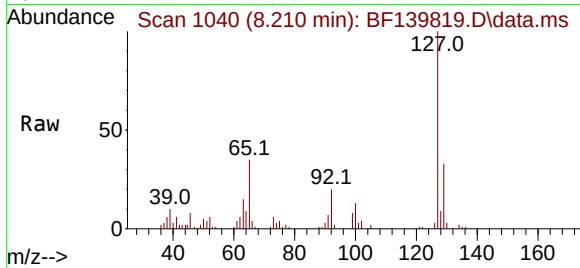




#33
4-Chloroaniline
Concen: 9.087 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

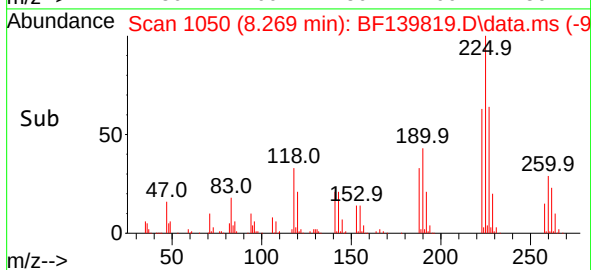
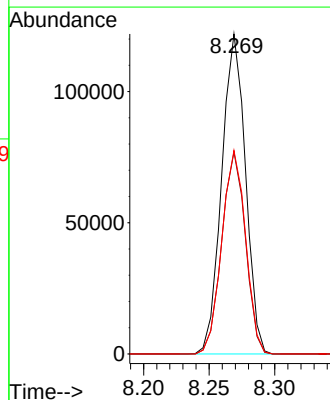
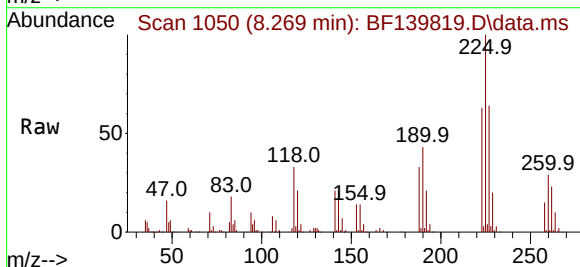
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

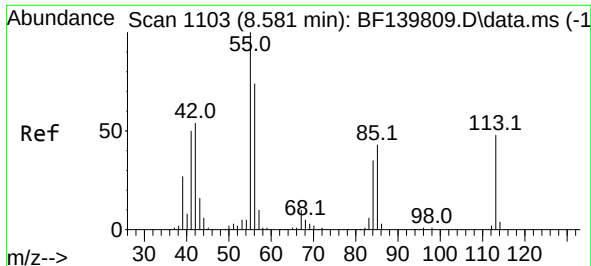
Tgt Ion:	127	Resp:	47822
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	35.4	27.8	41.6
92	20.2	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.146 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:	225	Resp:	153643
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	63.6	50.9	76.3

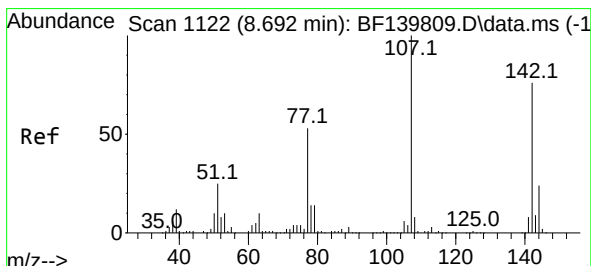
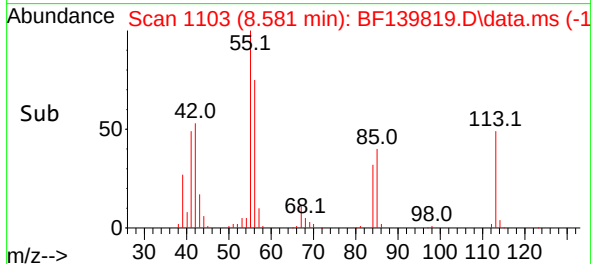
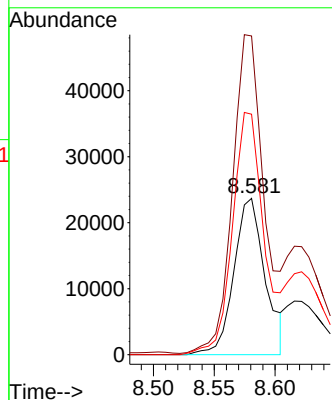
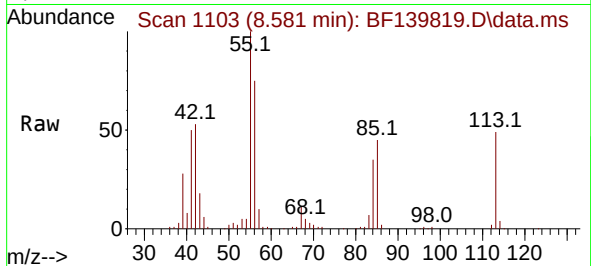




#35
 Caprolactam
 Concen: 34.486 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

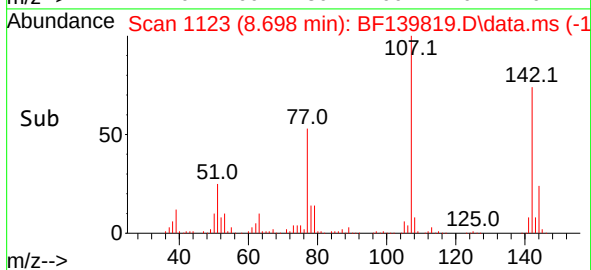
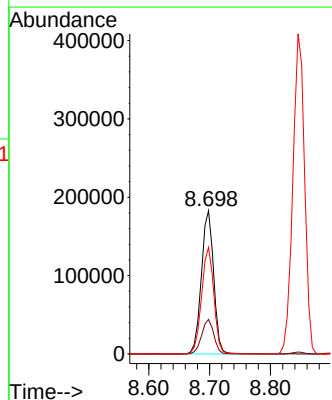
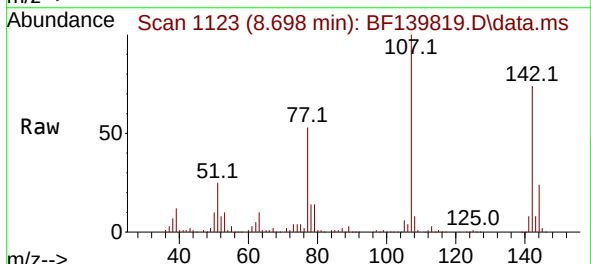
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMSD

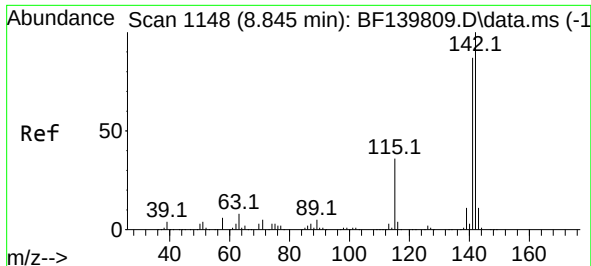
Tgt Ion:113 Resp: 42132
 Ion Ratio Lower Upper
 113 100
 55 203.9 187.1 227.1
 56 153.9 134.0 174.0



#36
 4-Chloro-3-methylphenol
 Concen: 55.735 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

Tgt Ion:107 Resp: 256122
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 74.4 60.6 91.0





#37

2-Methylnaphthalene

Concen: 54.304 ng

RT: 8.845 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

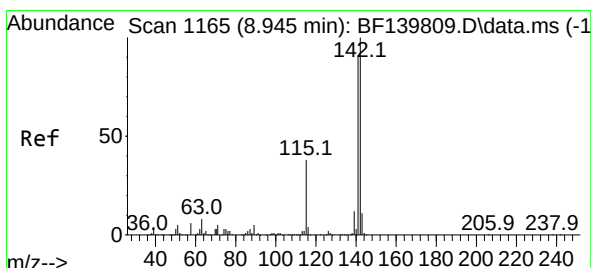
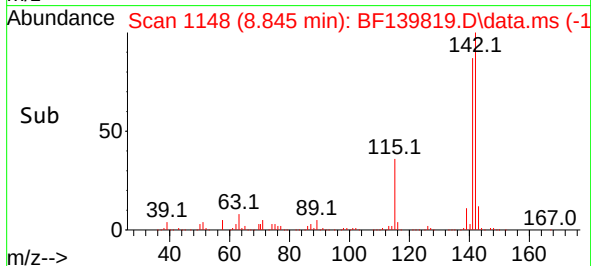
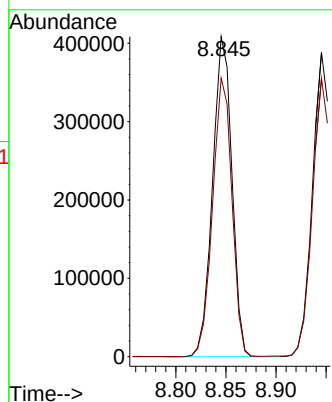
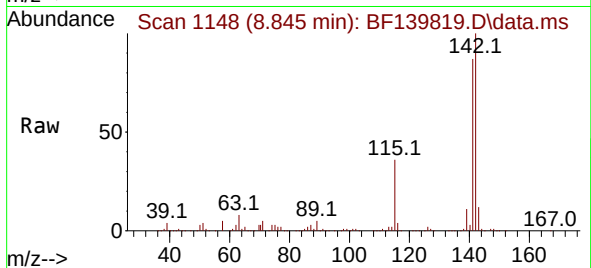
F05308-SOLIDMSD

Tgt Ion:142 Resp: 546332

Ion Ratio Lower Upper

142 100

141 87.1 69.8 104.8



#38

1-Methylnaphthalene

Concen: 51.219 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF139819.D

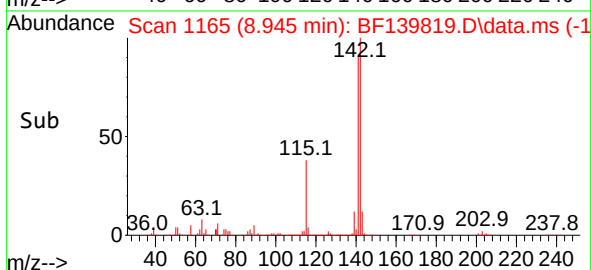
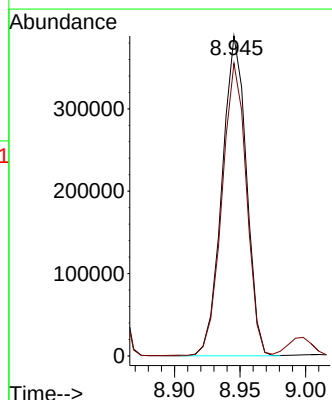
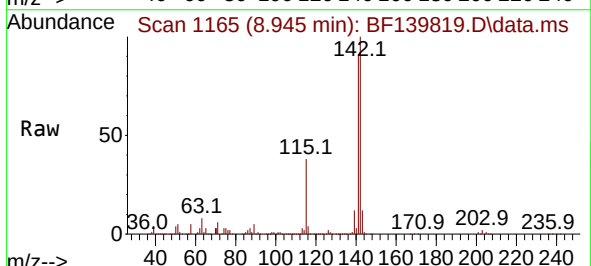
Acq: 15 Oct 2024 18:30

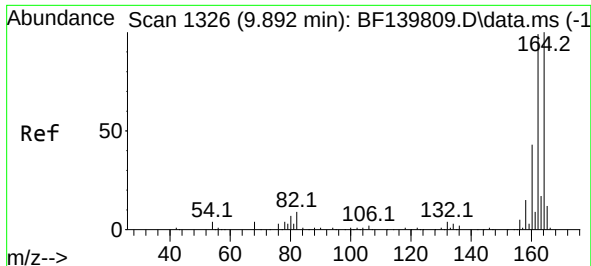
Tgt Ion:142 Resp: 501663

Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

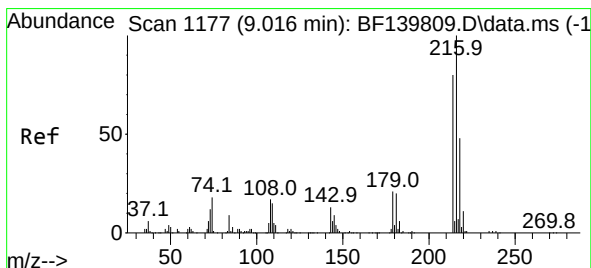
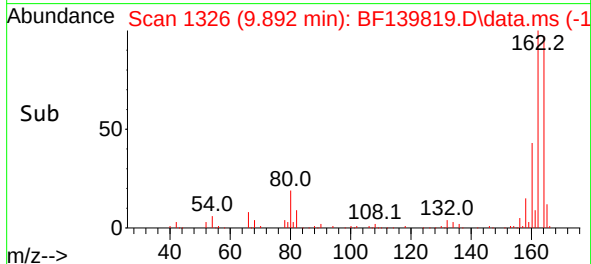
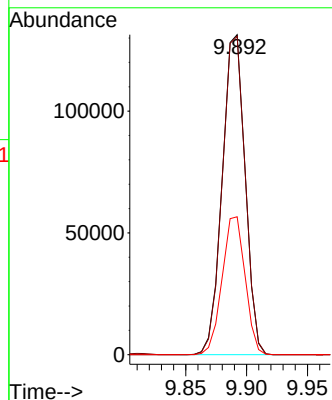
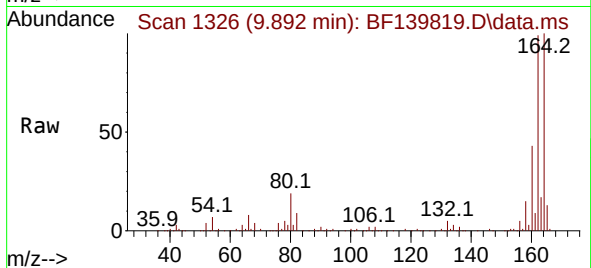
Tgt Ion:164 Resp: 172284

Ion Ratio Lower Upper

164 100

162 99.5 79.1 118.7

160 43.1 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.609 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Tgt Ion:216 Resp: 253242

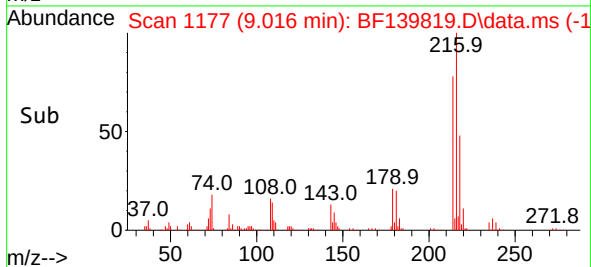
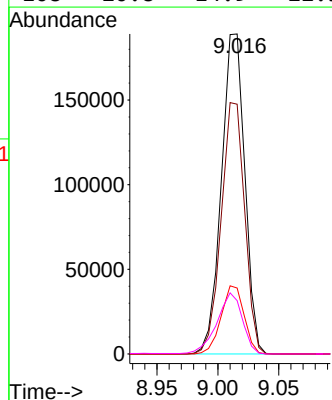
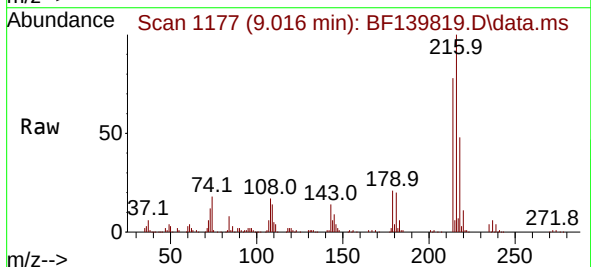
Ion Ratio Lower Upper

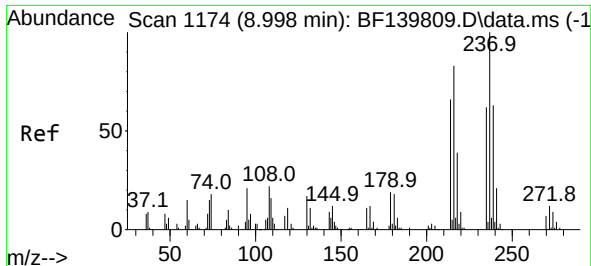
216 100

214 78.5 63.7 95.5

179 20.9 17.0 25.4

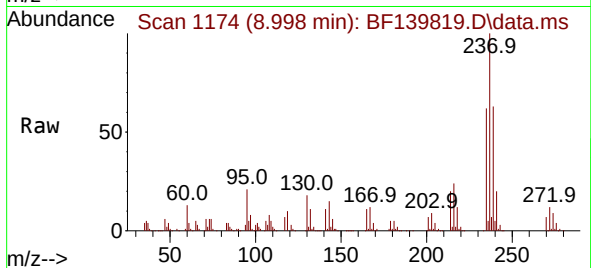
108 20.8 14.9 22.3



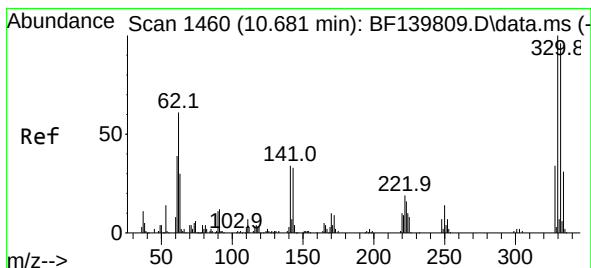
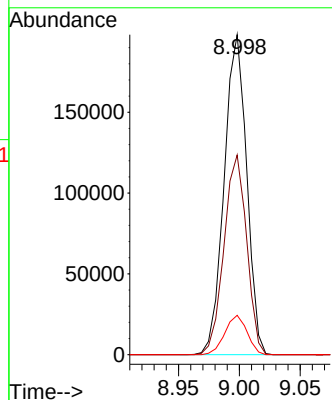
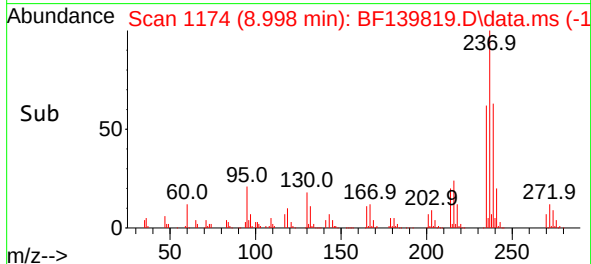


#41
Hexachlorocyclopentadiene
Concen: 193.582 ng
RT: 8.998 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

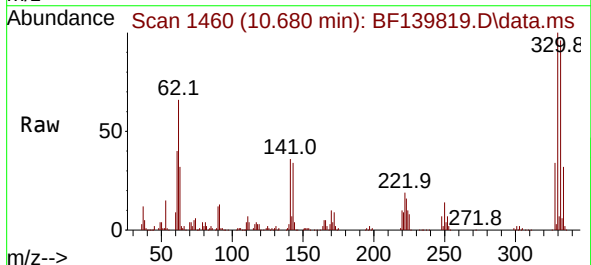
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD



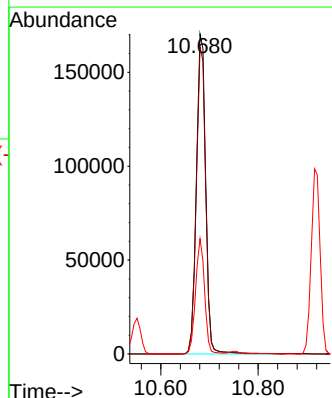
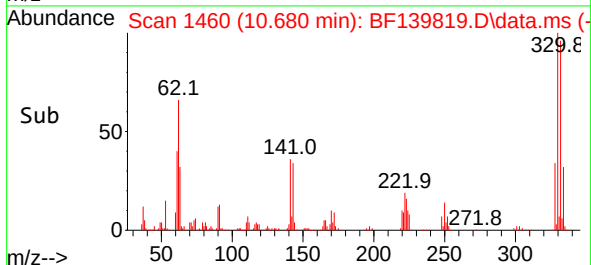
Tgt Ion:237 Resp: 254681
Ion Ratio Lower Upper
237 100
235 62.4 41.9 81.9
272 12.3 0.0 31.8

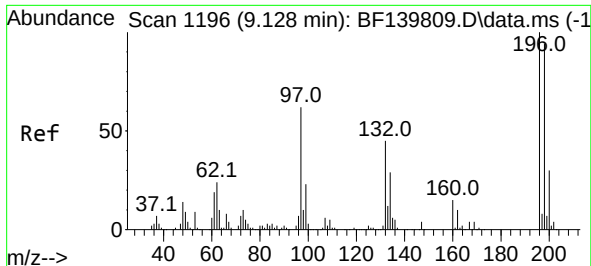


#42
2,4,6-Tribromophenol
Concen: 157.071 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30



Tgt Ion:330 Resp: 228227
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 34.6 27.8 41.6

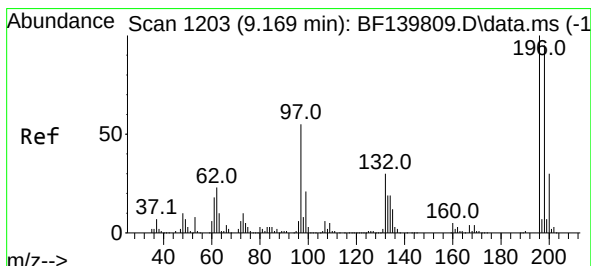
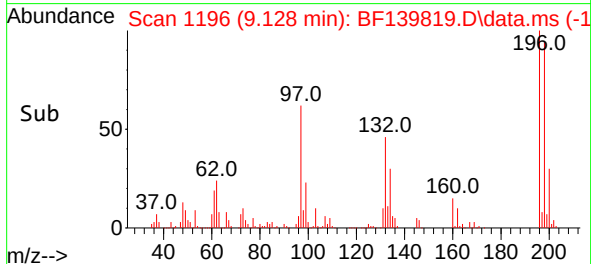
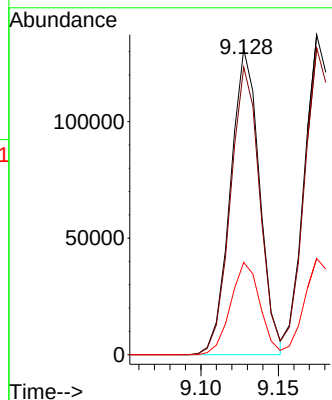
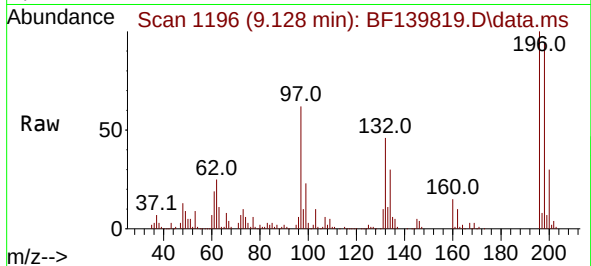




#43
2,4,6-Trichlorophenol
Concen: 53.872 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

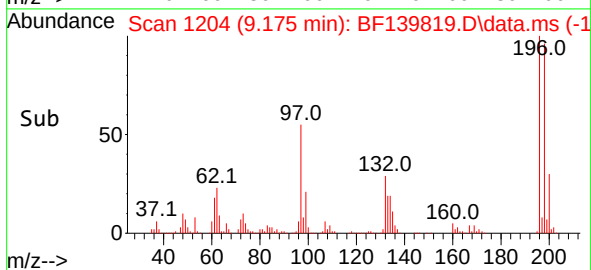
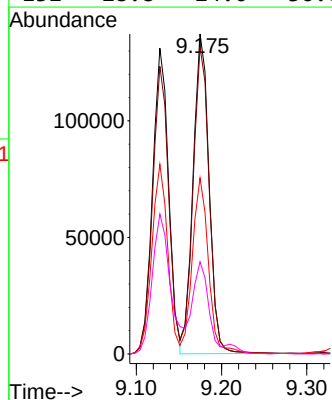
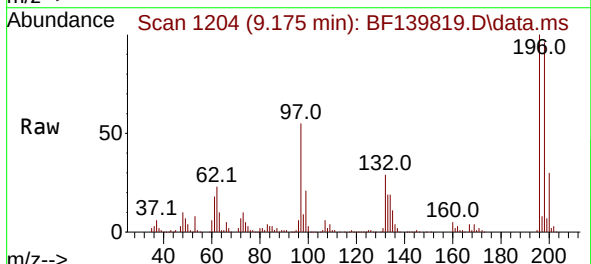
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

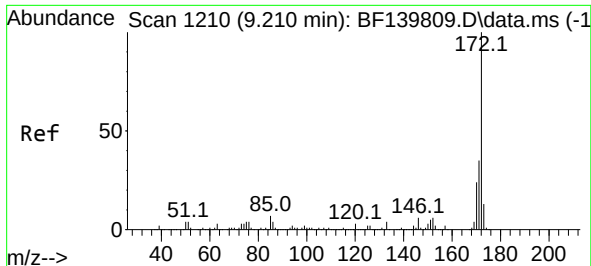
Tgt Ion:196 Resp: 171374
Ion Ratio Lower Upper
196 100
198 94.0 75.6 113.4
200 30.2 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 52.445 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:196 Resp: 178773
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
97 55.0 44.6 67.0
132 28.8 24.0 36.0

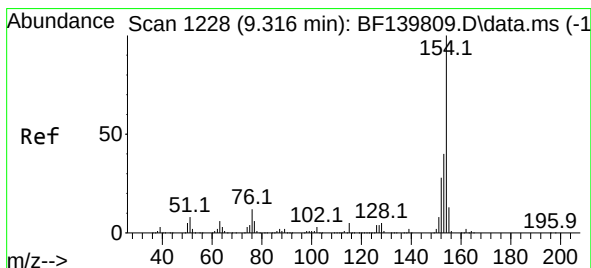
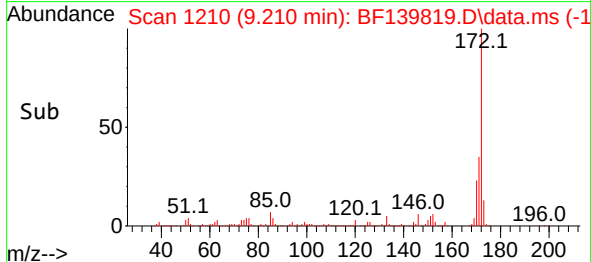
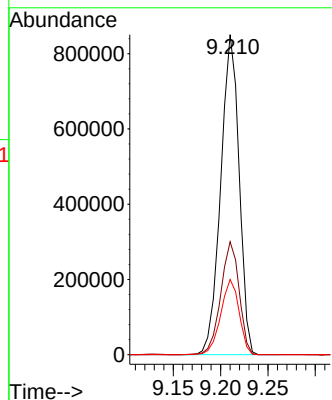
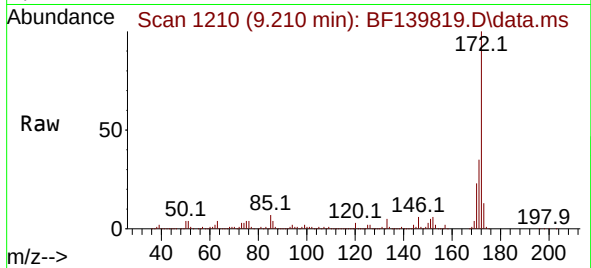




#45
2-Fluorobiphenyl
Concen: 99.825 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

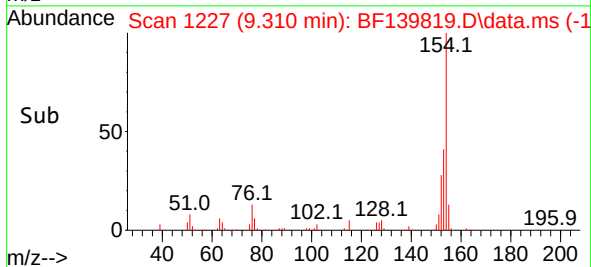
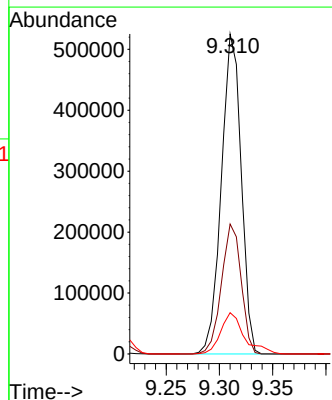
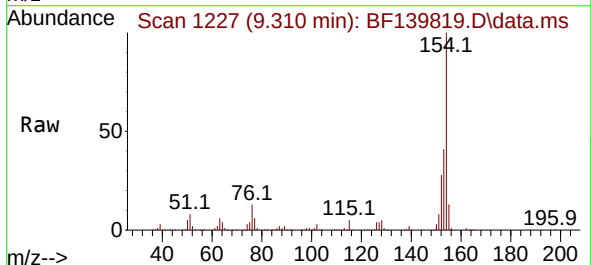
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

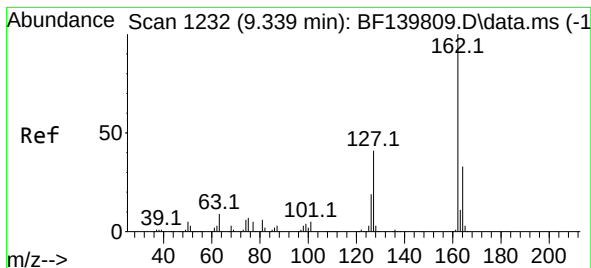
Tgt Ion:172 Resp: 1149857
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 52.068 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:154 Resp: 678244
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 12.9 0.0 32.4





#47

2-Chloronaphthalene

Concen: 50.694 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

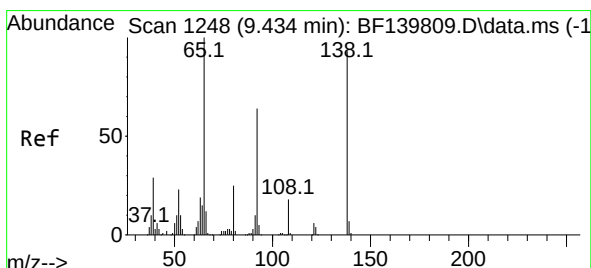
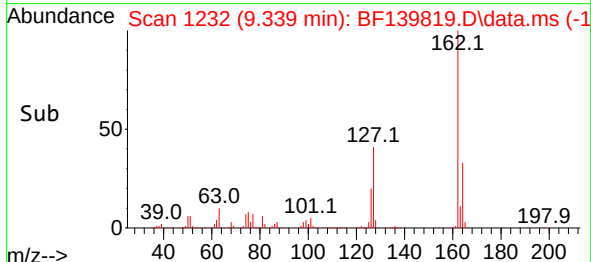
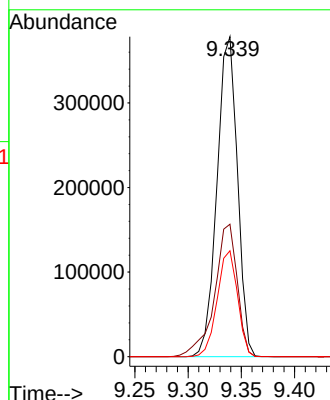
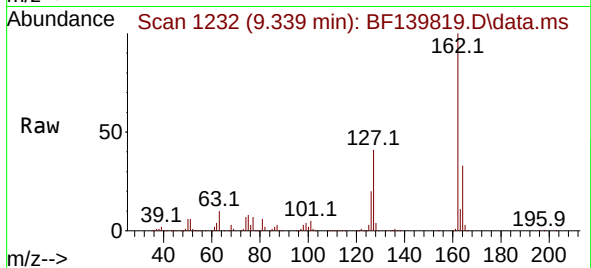
Tgt Ion:162 Resp: 504531

Ion Ratio Lower Upper

162 100

127 41.4 33.2 49.8

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 54.493 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

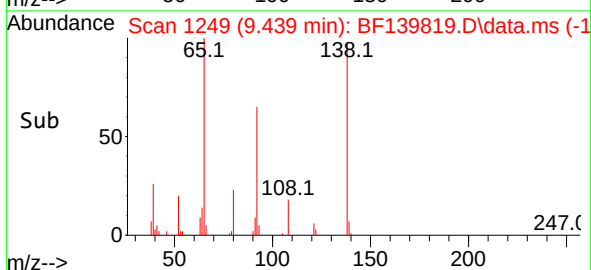
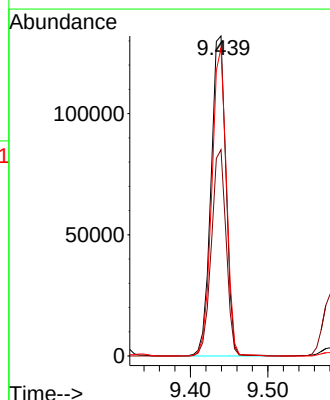
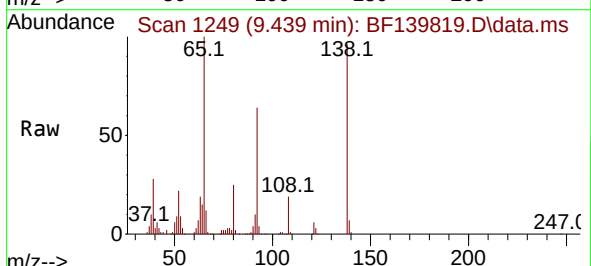
Tgt Ion: 65 Resp: 177066

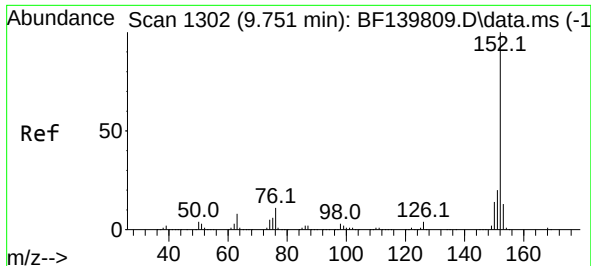
Ion Ratio Lower Upper

65 100

92 64.5 51.1 76.7

138 96.3 74.1 111.1





#49

Acenaphthylene

Concen: 56.451 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

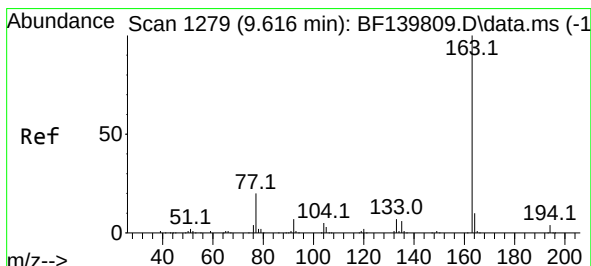
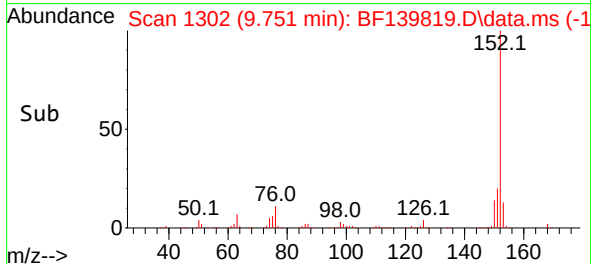
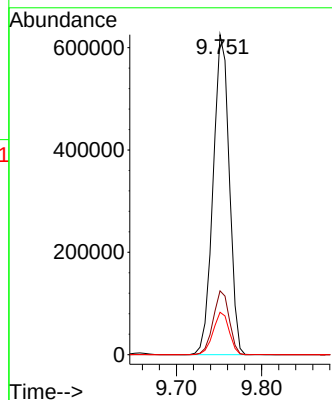
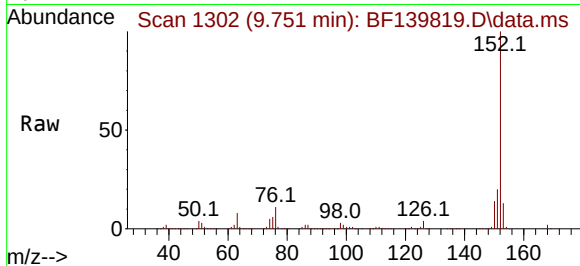
Tgt Ion:152 Resp: 825117

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 55.540 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

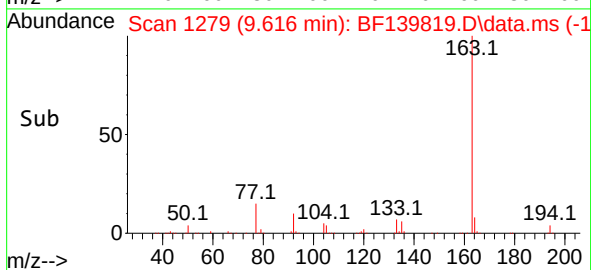
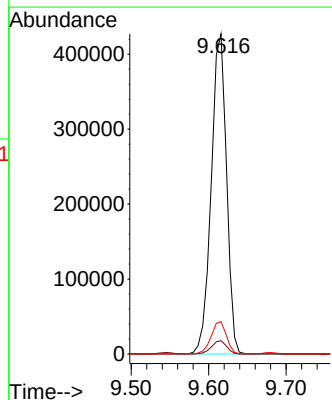
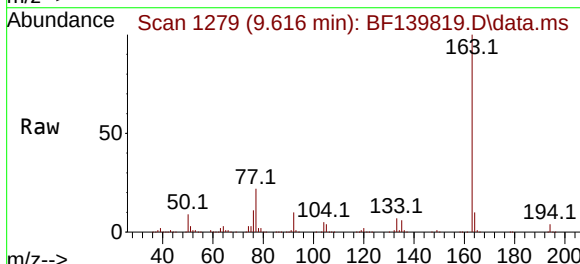
Tgt Ion:163 Resp: 585702

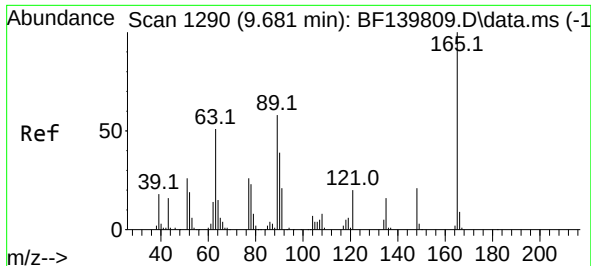
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

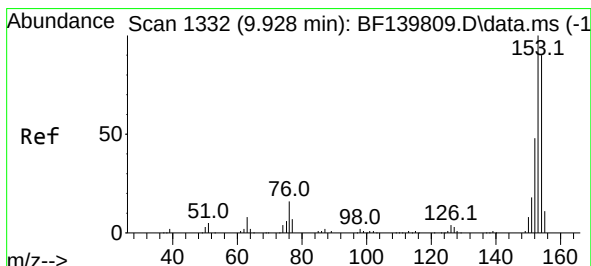
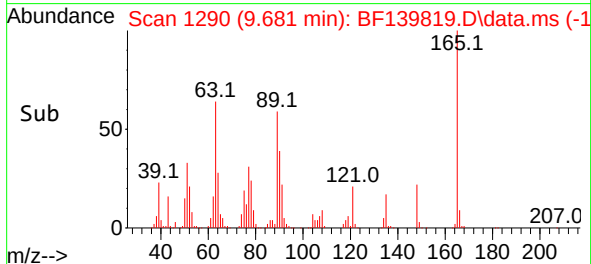
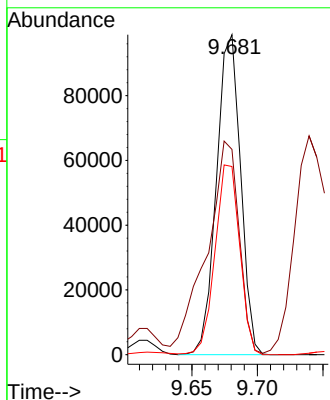
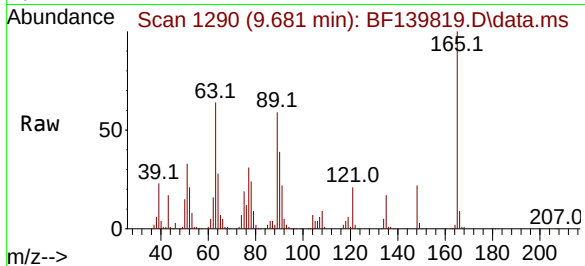




#51
2,6-Dinitrotoluene
Concen: 52.542 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

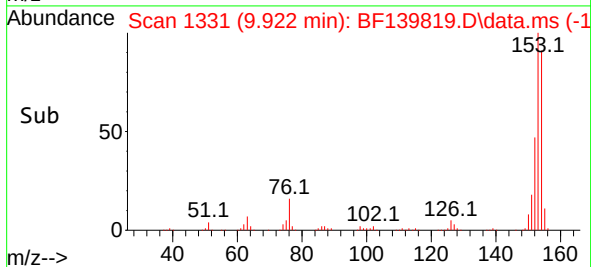
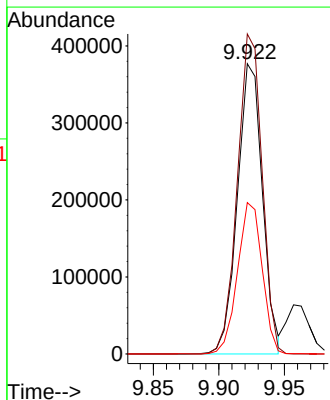
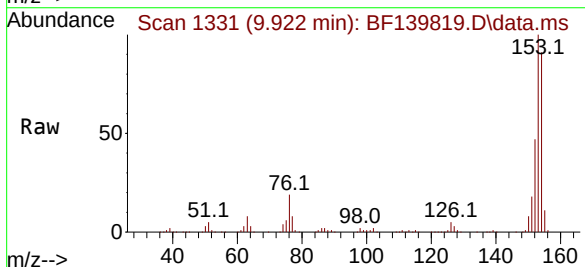
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

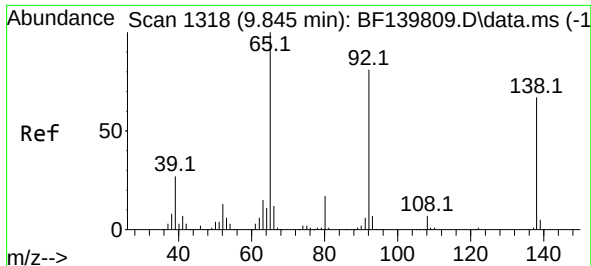
Tgt Ion:165 Resp: 126424
Ion Ratio Lower Upper
165 100
63 64.2 50.0 75.0
89 58.8 46.8 70.2



#52
Acenaphthene
Concen: 54.237 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:154 Resp: 502211
Ion Ratio Lower Upper
154 100
153 110.3 88.8 133.2
152 52.1 42.3 63.5

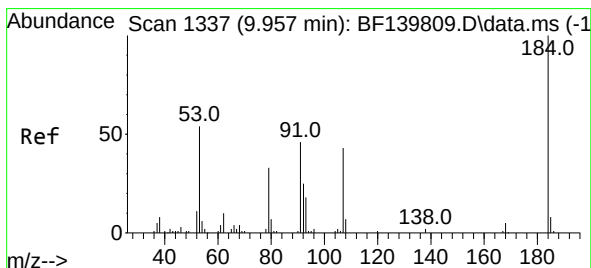
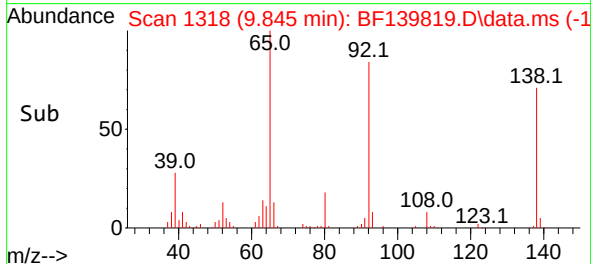
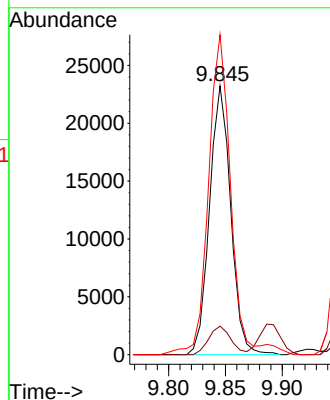
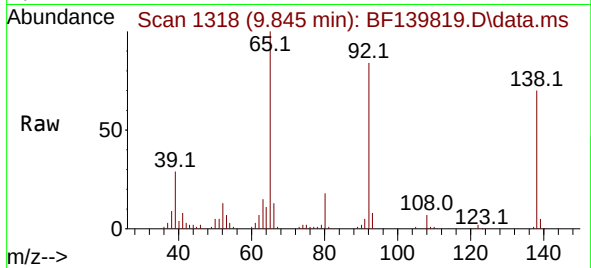




#53
3-Nitroaniline
Concen: 12.570 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

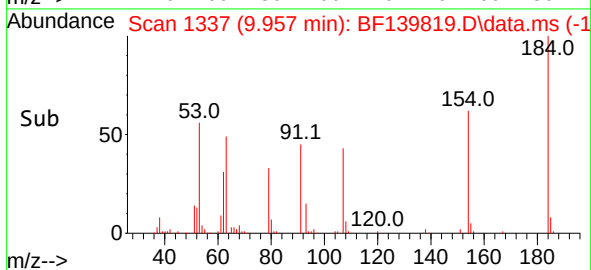
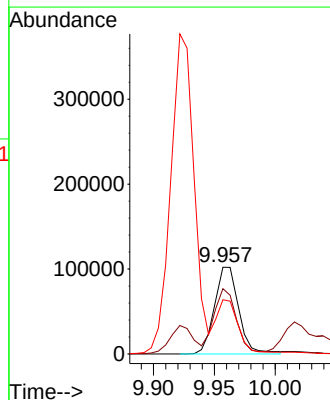
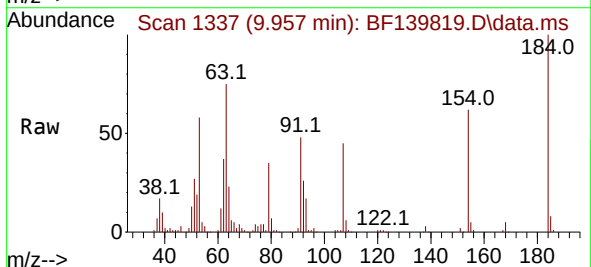
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

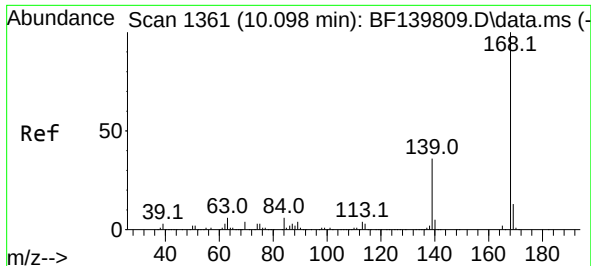
Tgt Ion:138 Resp: 30155
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 119.1 97.5 146.3



#54
2,4-Dinitrophenol
Concen: 145.174 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:184 Resp: 141956
Ion Ratio Lower Upper
184 100
63 75.4 58.2 87.4
154 62.5 49.3 73.9

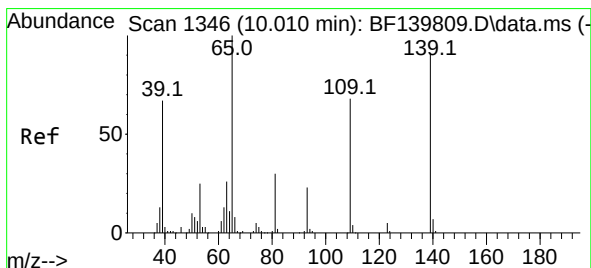
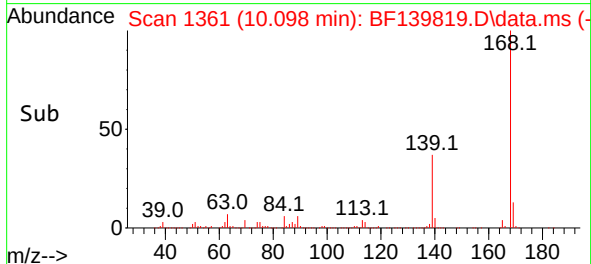
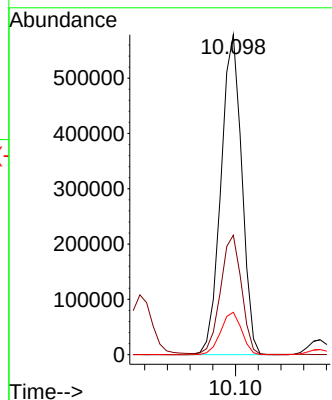
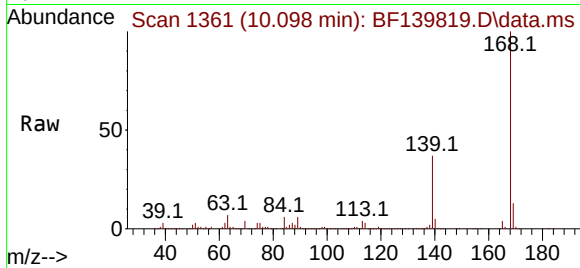




#55
Dibenzofuran
Concen: 53.109 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

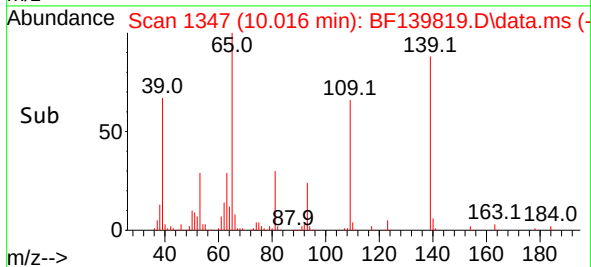
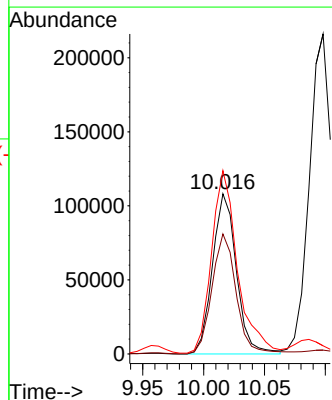
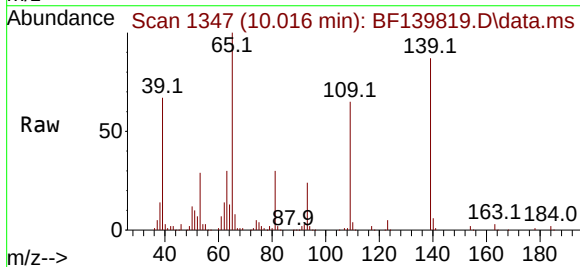
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

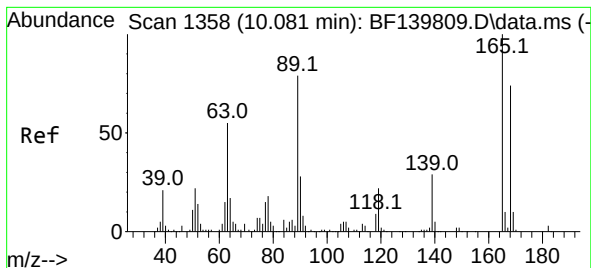
Tgt Ion:168 Resp: 737392
Ion Ratio Lower Upper
168 100
139 37.3 29.2 43.8
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 102.558 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:139 Resp: 148117
Ion Ratio Lower Upper
139 100
109 74.9 54.1 94.1
65 114.5 90.5 130.5

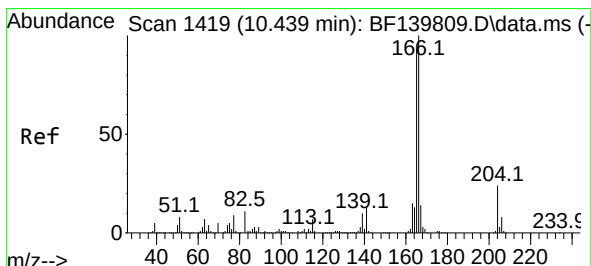
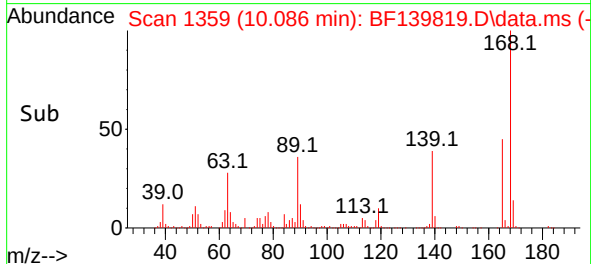
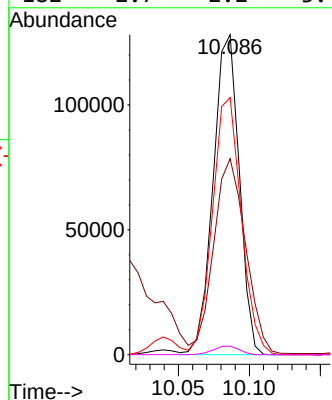
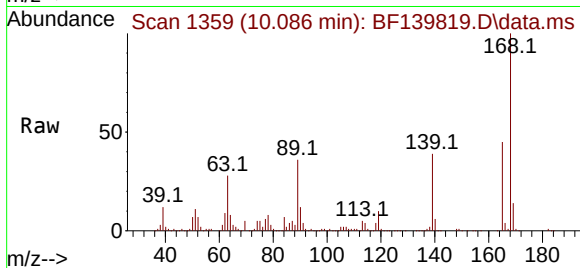




#57
2,4-Dinitrotoluene
Concen: 55.013 ng
RT: 10.086 min Scan# 1358
Delta R.T. 0.005 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

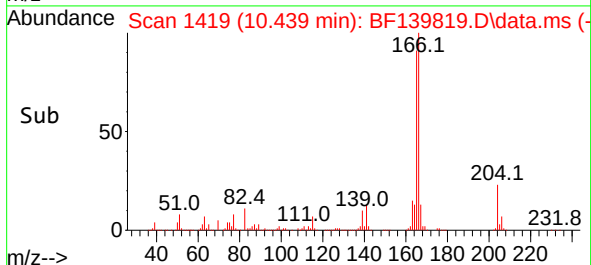
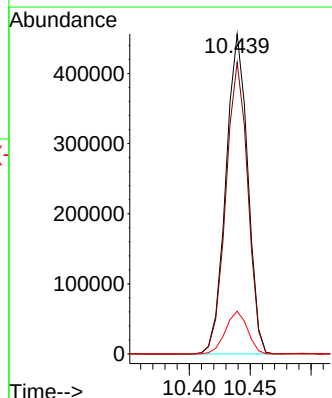
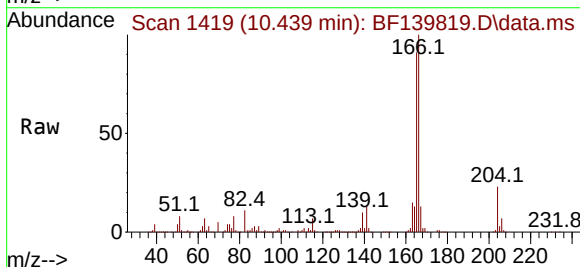
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

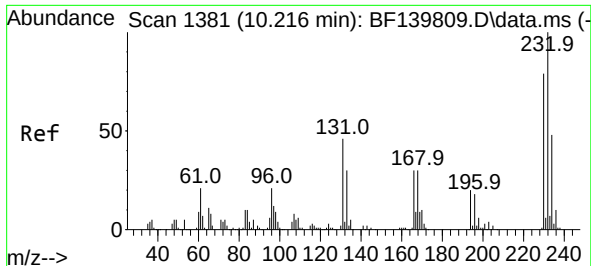
Tgt Ion:165 Resp: 163426
Ion Ratio Lower Upper
165 100
63 61.2 44.7 67.1
89 80.4 63.1 94.7
182 2.7 2.2 3.4



#58
Fluorene
Concen: 52.685 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:166 Resp: 569315
Ion Ratio Lower Upper
166 100
165 91.2 74.5 111.7
167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.875 ng

RT: 10.216 min Scan# 1381

Delta R.T. -0.000 min

Lab File: BF139819.D

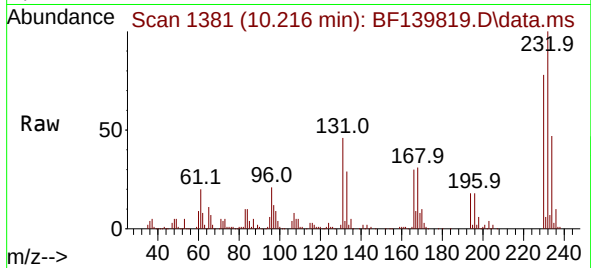
Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD



Tgt Ion:232 Resp: 149237

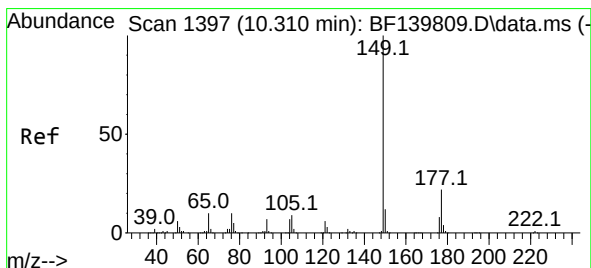
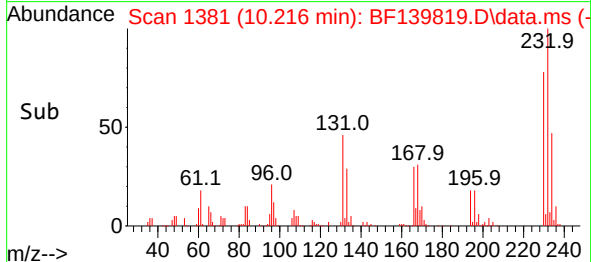
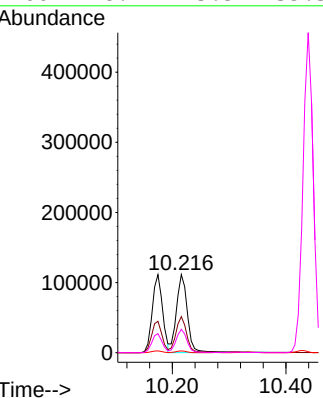
Ion Ratio Lower Upper

232 100

131 45.3 36.1 54.1

130 2.2 1.8 2.6

166 28.7 23.5 35.3



#60

Diethylphthalate

Concen: 54.607 ng

RT: 10.310 min Scan# 1397

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

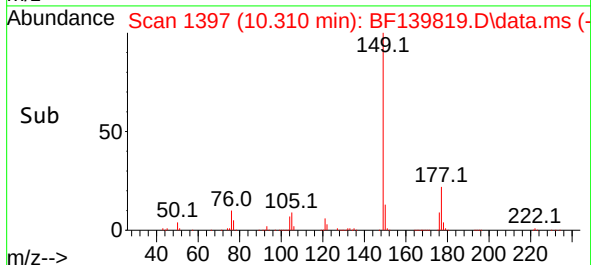
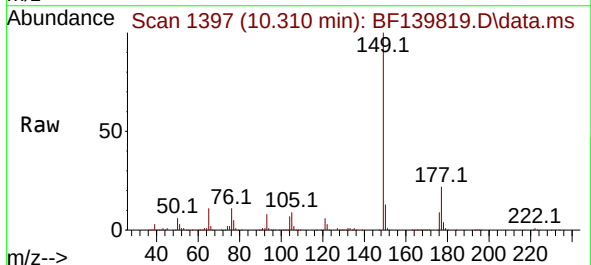
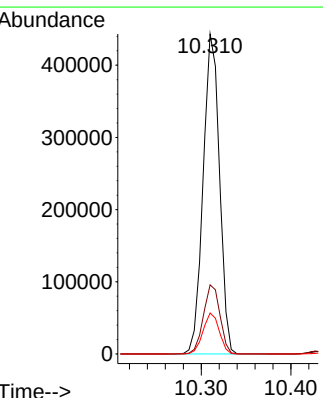
Tgt Ion:149 Resp: 560253

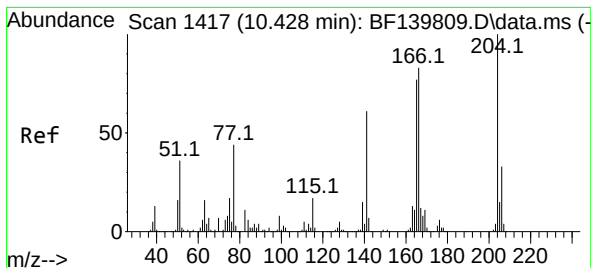
Ion Ratio Lower Upper

149 100

177 21.6 17.6 26.4

150 12.8 9.8 14.8

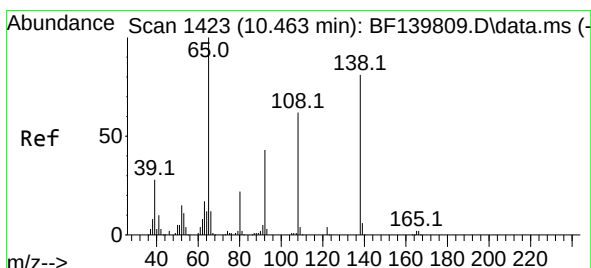
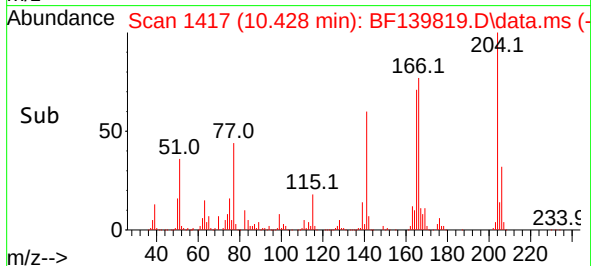
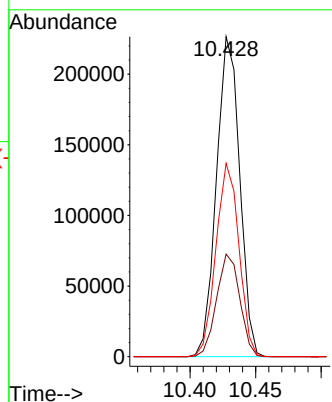
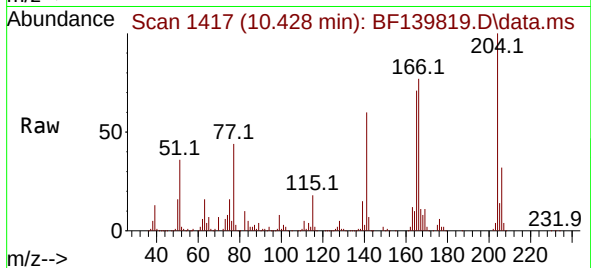




#61
4-Chlorophenyl-phenylether
Concen: 52.238 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

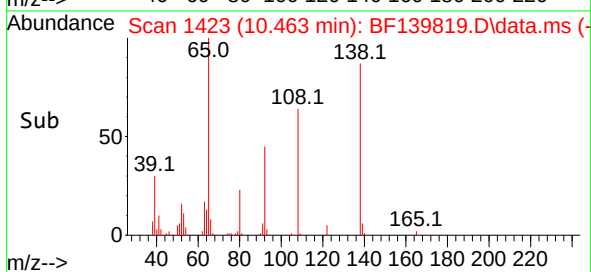
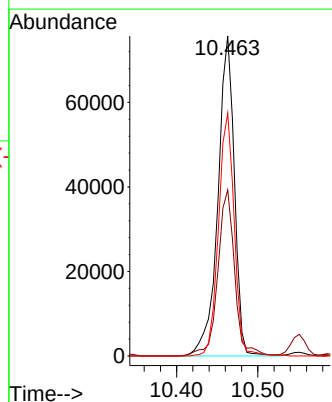
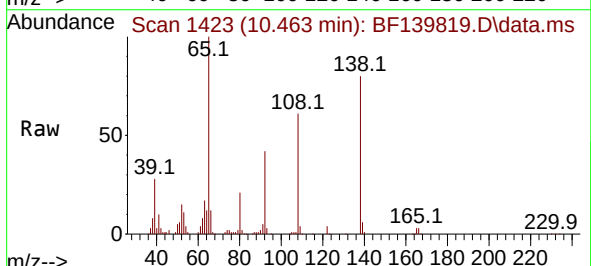
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

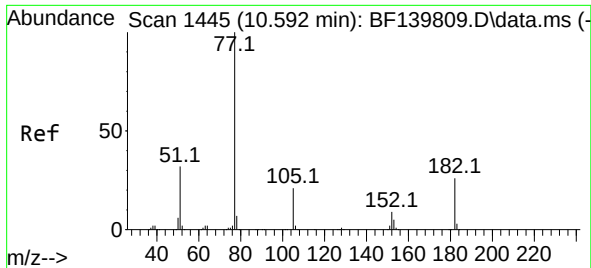
Tgt Ion:204 Resp: 278925
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.4
141 60.4 49.0 73.6



#62
4-Nitroaniline
Concen: 48.847 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:138 Resp: 107179
Ion Ratio Lower Upper
138 100
92 51.9 33.2 73.2
108 75.9 57.0 97.0

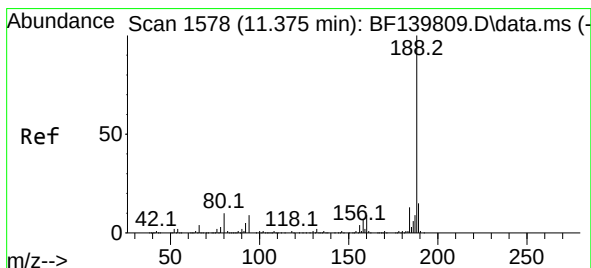
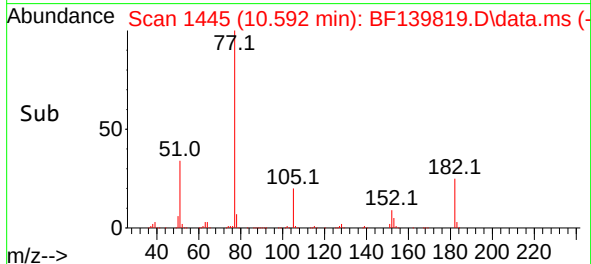
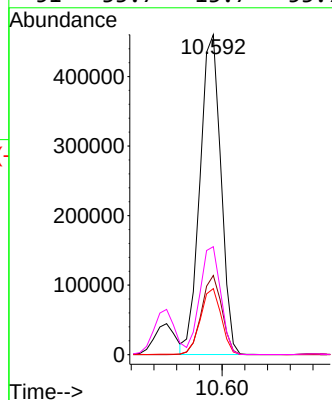
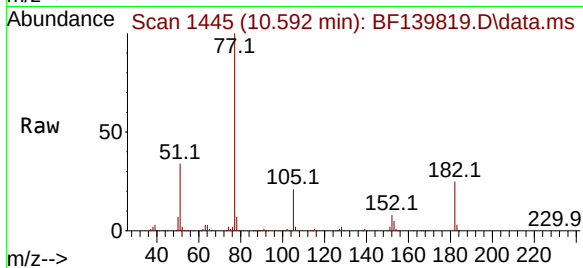




#63
Azobenzene
Concen: 55.094 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

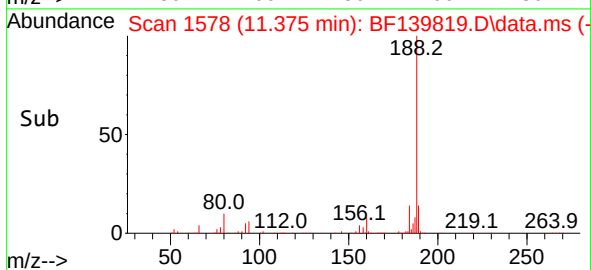
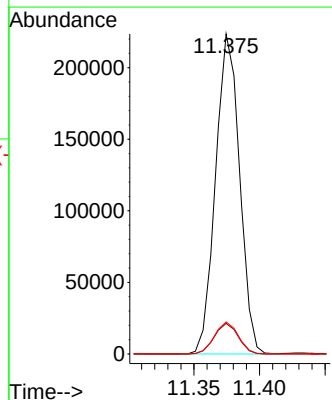
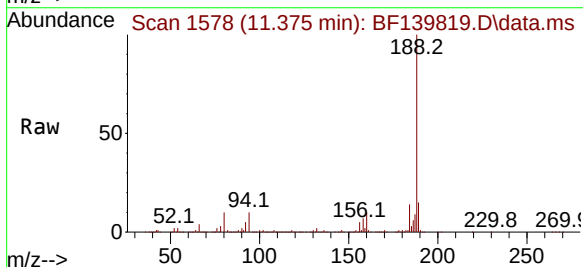
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

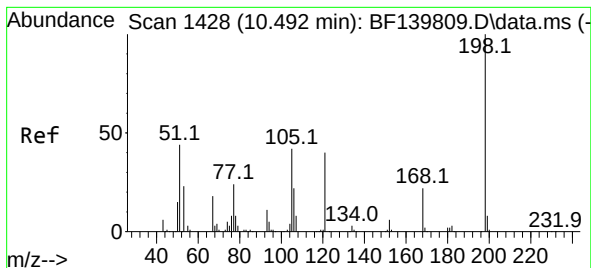
Tgt Ion:	77	Resp:	589284
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.4	45.4
105	20.7	0.4	40.4
51	33.7	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:	188	Resp:	284327
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.3	10.9
80	10.0	7.8	11.8

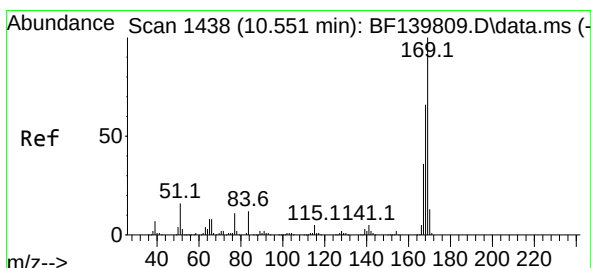
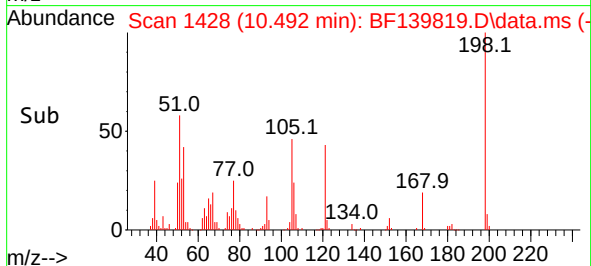
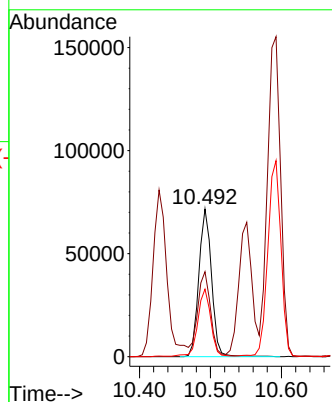
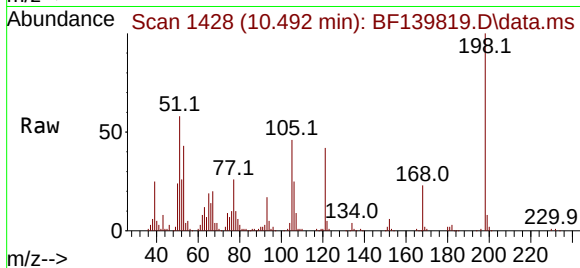




#65
4,6-Dinitro-2-methylphenol
Concen: 59.923 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

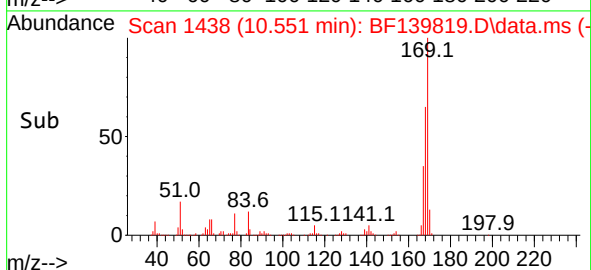
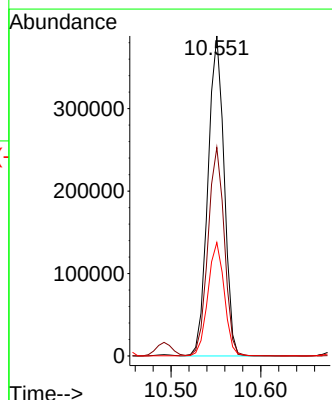
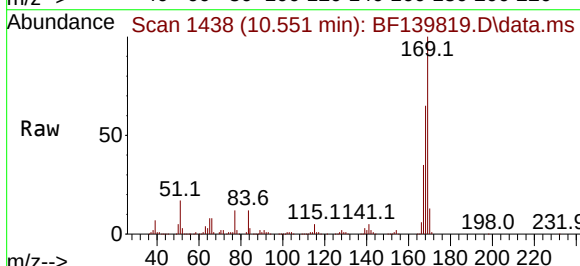
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

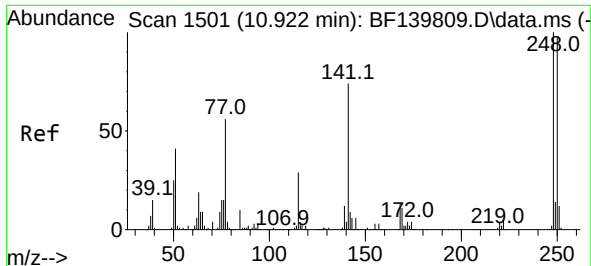
Tgt Ion:198 Resp: 89386
Ion Ratio Lower Upper
198 100
51 57.5 34.3 74.3
105 45.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 54.066 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:169 Resp: 486252
Ion Ratio Lower Upper
169 100
168 65.1 52.8 79.2
167 35.4 28.8 43.2

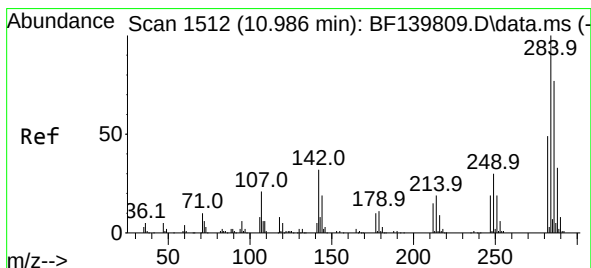
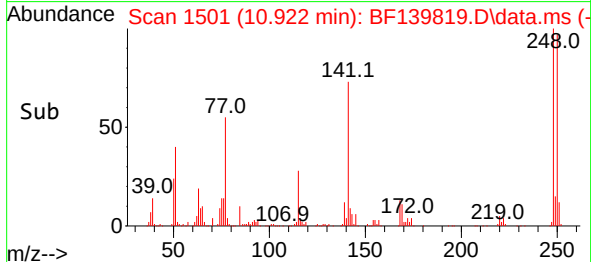
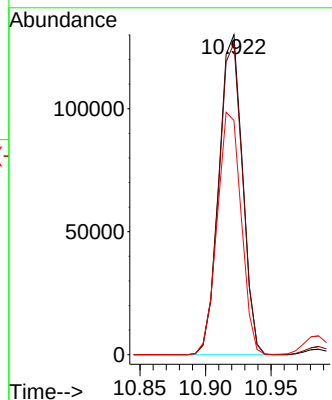
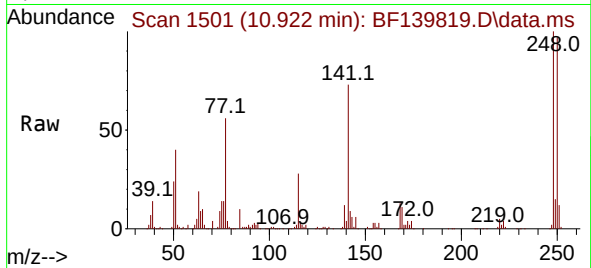




#67
4-Bromophenyl-phenylether
Concen: 53.203 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

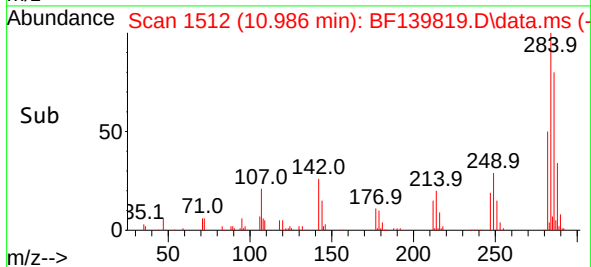
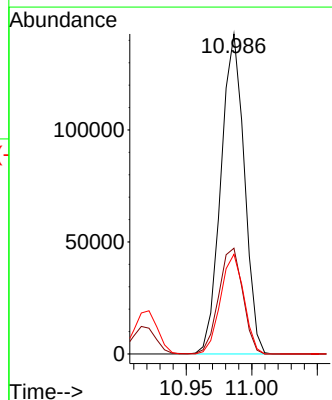
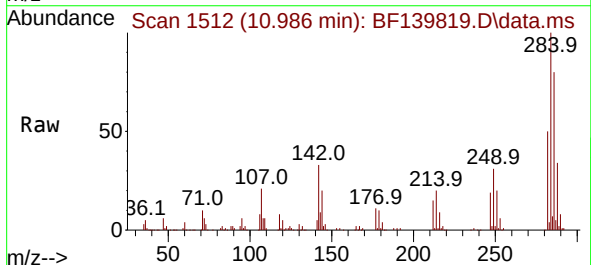
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

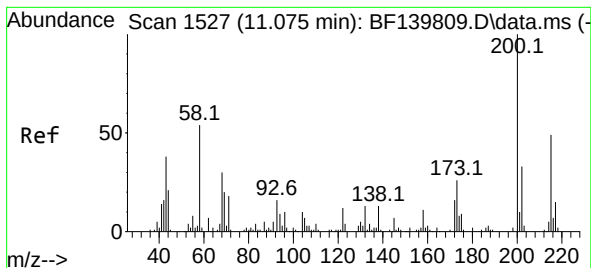
Tgt Ion:248 Resp: 162974
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 73.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 51.663 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:284 Resp: 177033
Ion Ratio Lower Upper
284 100
142 33.1 25.2 37.8
249 31.1 23.8 35.8





#69

Atrazine

Concen: 72.838 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

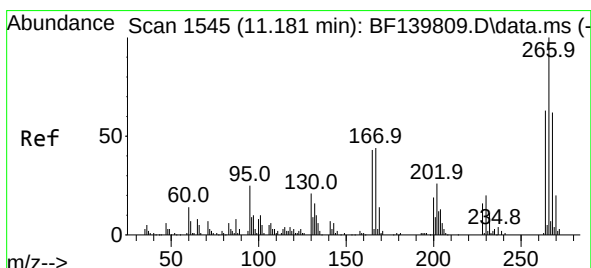
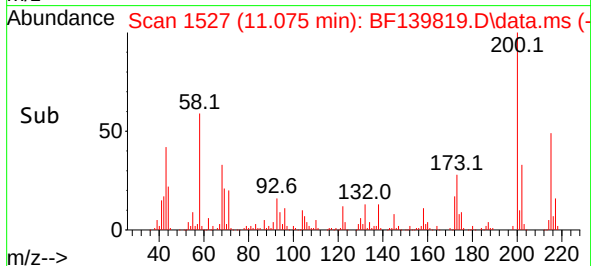
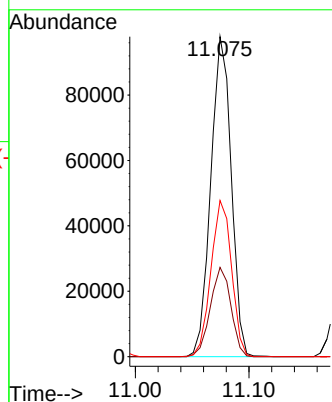
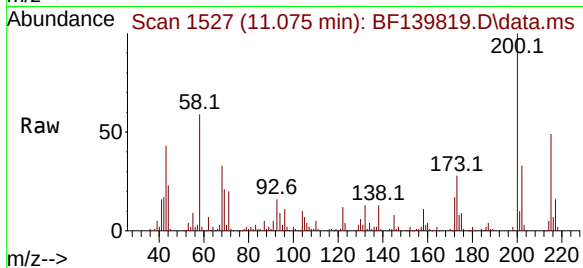
Tgt Ion:200 Resp: 122295

Ion Ratio Lower Upper

200 100

173 27.9 6.5 46.5

215 48.8 29.2 69.2



#70

Pentachlorophenol

Concen: 120.172 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

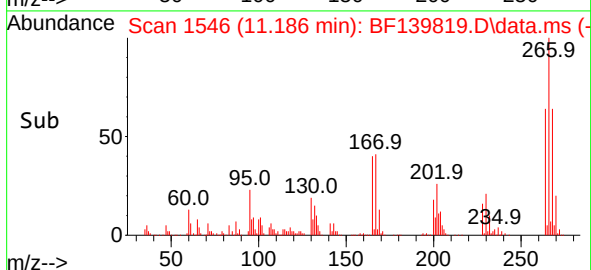
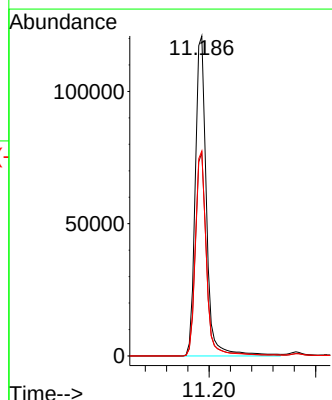
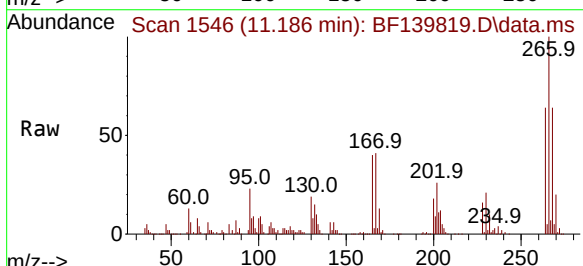
Tgt Ion:266 Resp: 176105

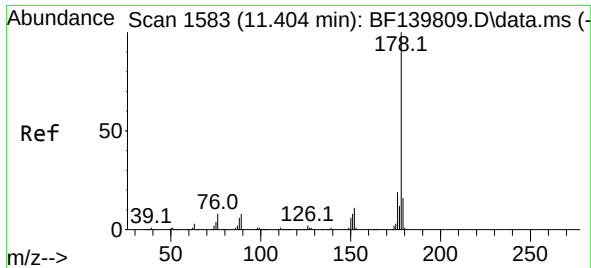
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 64.0 50.5 75.7

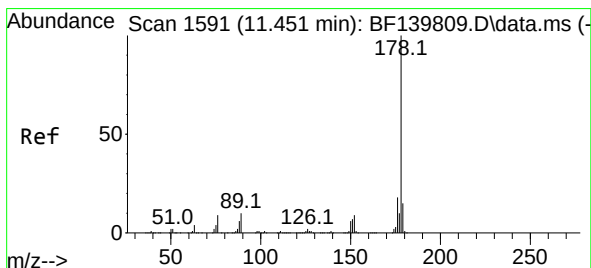
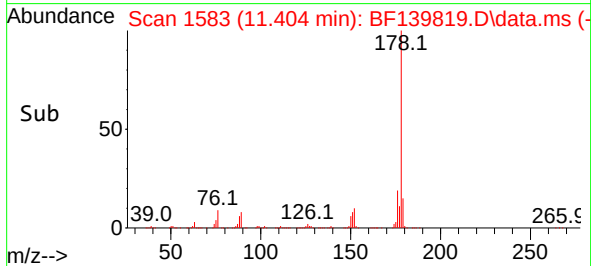
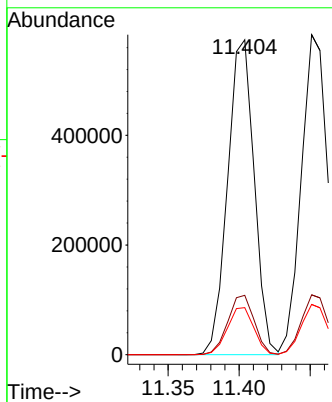
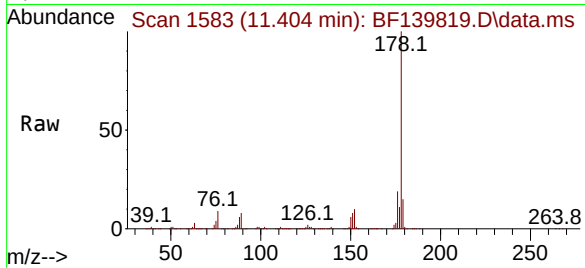




#71
Phenanthrene
Concen: 55.060 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

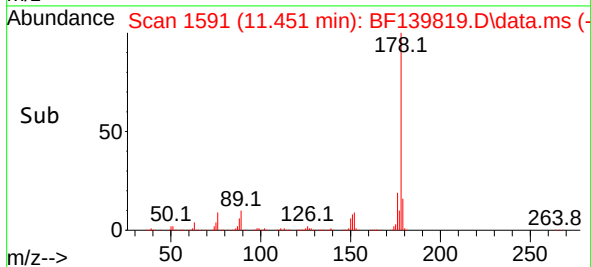
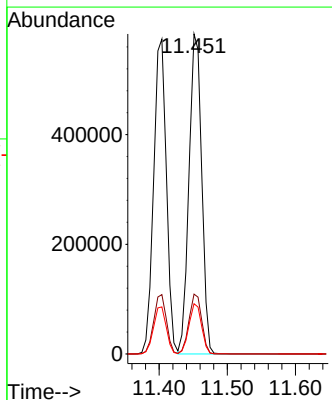
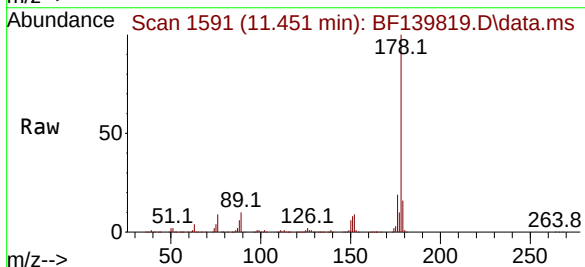
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

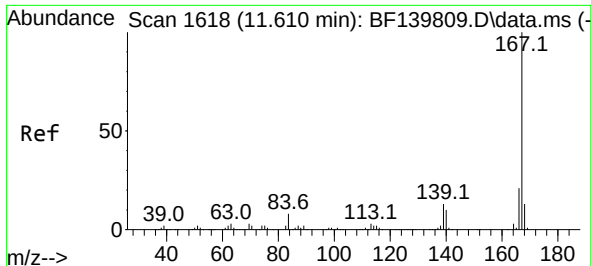
Tgt Ion:178 Resp: 747788
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.9 12.5 18.7



#72
Anthracene
Concen: 56.252 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:178 Resp: 750698
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.7 12.4 18.6

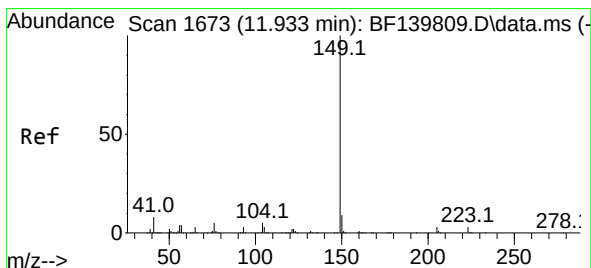
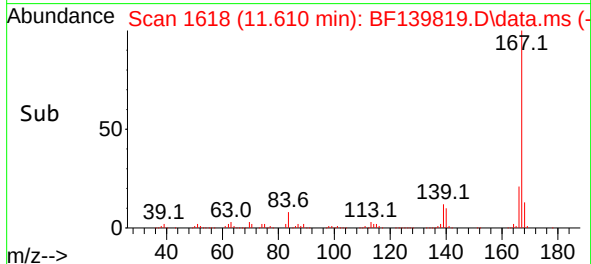
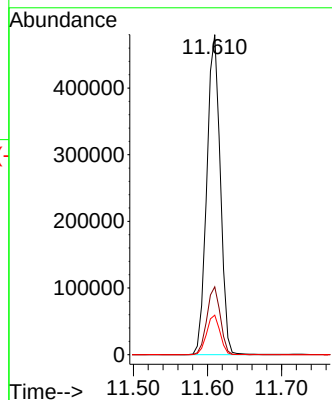
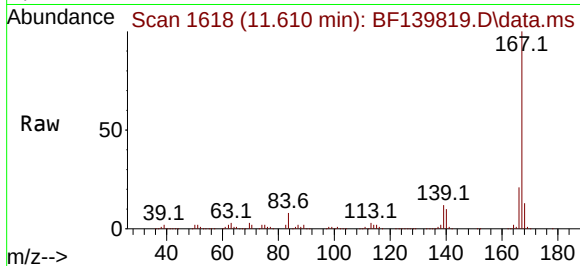




#73
 Carbazole
 Concen: 51.318 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

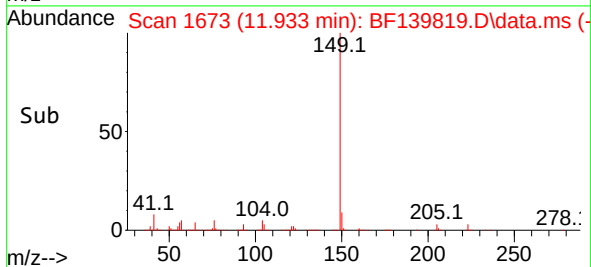
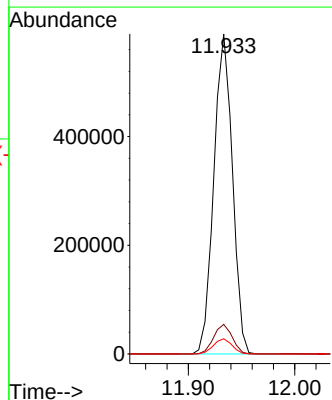
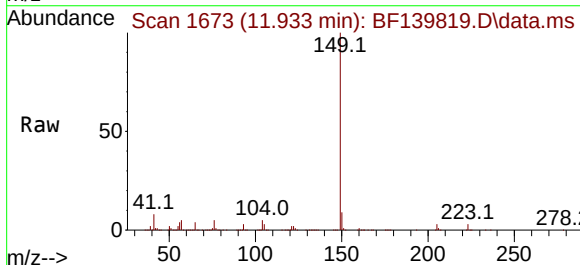
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMSD

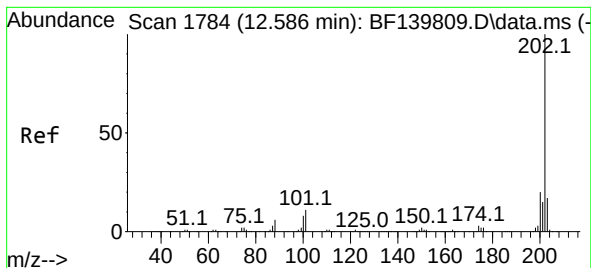
Tgt Ion:167 Resp: 605914
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 55.643 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF139819.D
 Acq: 15 Oct 2024 18:30

Tgt Ion:149 Resp: 713882
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 49.904 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

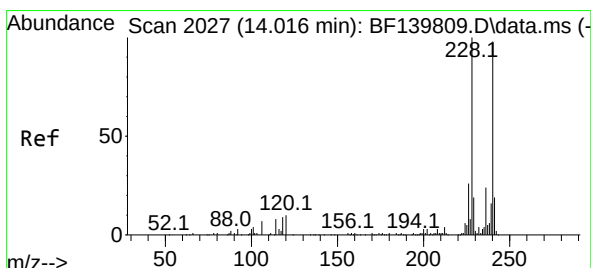
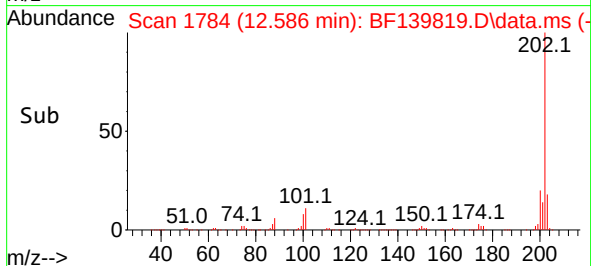
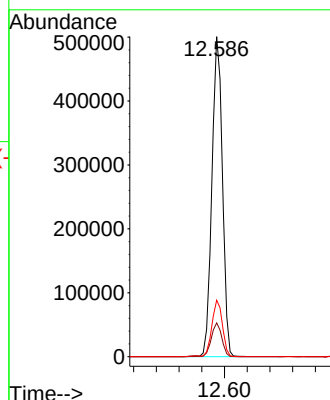
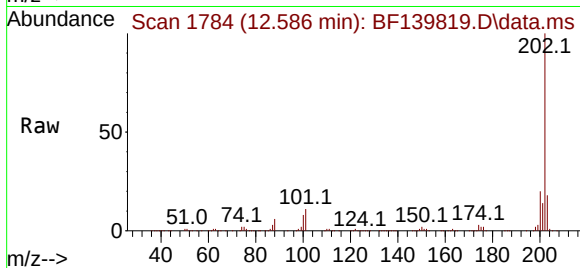
Tgt Ion:202 Resp: 639483

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.8

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

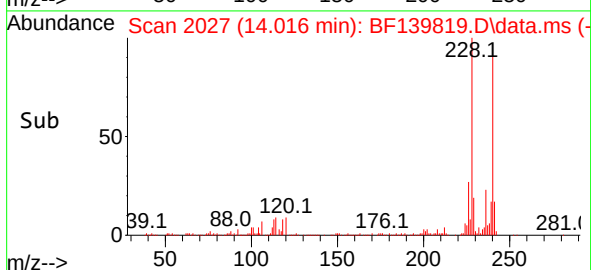
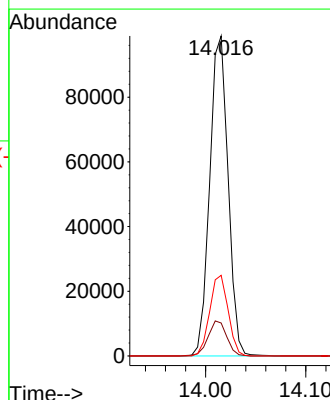
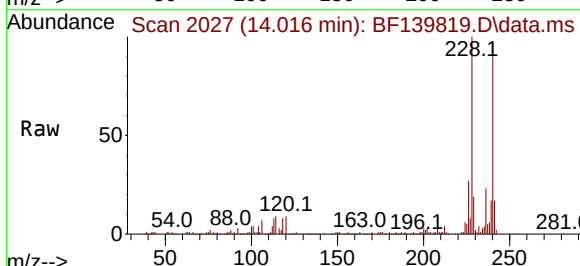
Tgt Ion:240 Resp: 125906

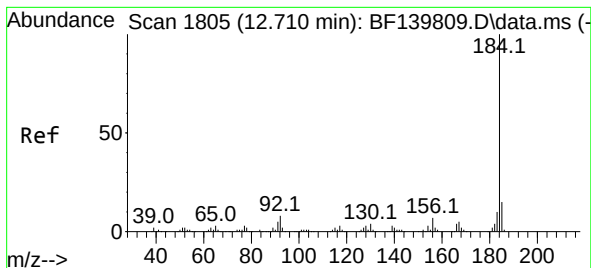
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.2 20.0 30.0





#77

Benzidine

Concen: 26.826 ng

RT: 12.716 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

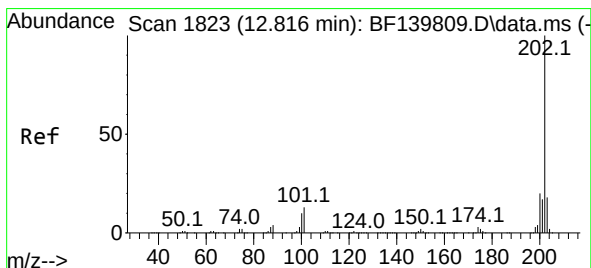
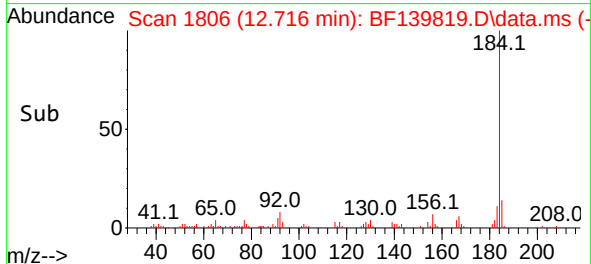
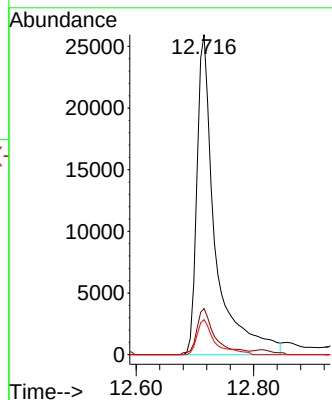
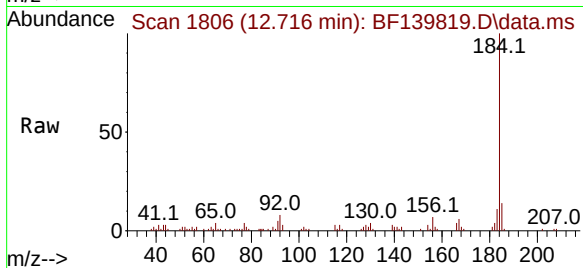
Tgt Ion:184 Resp: 56420

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 11.0 8.4 12.6



#78

Pyrene

Concen: 51.109 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

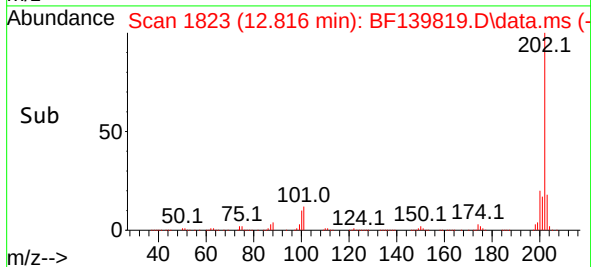
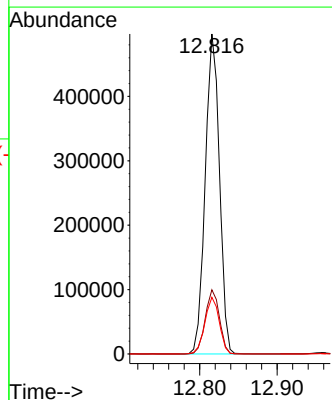
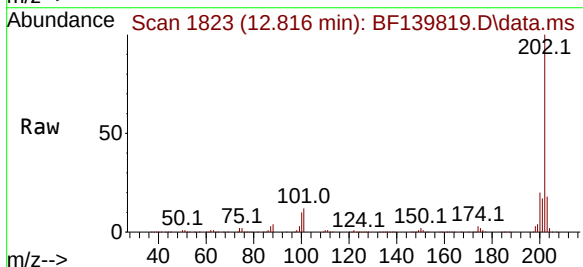
Tgt Ion:202 Resp: 632575

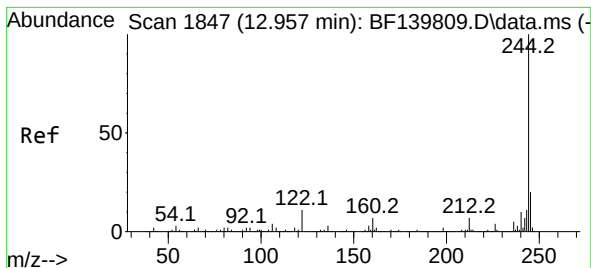
Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 155.763 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139819.D

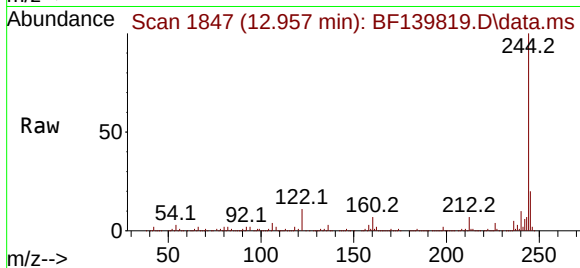
Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD



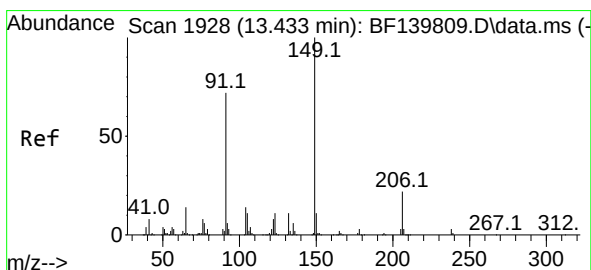
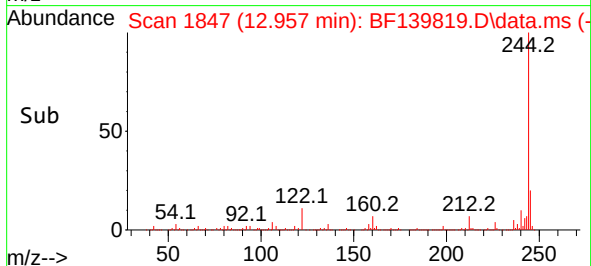
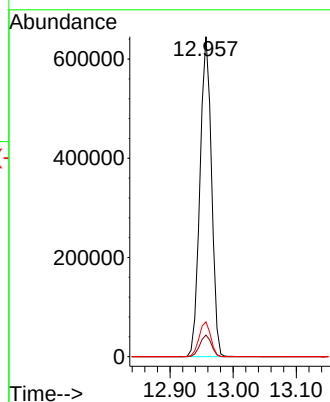
Tgt Ion:244 Resp: 816465

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.9 8.9 13.3



#80

Butylbenzylphthalate

Concen: 56.935 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

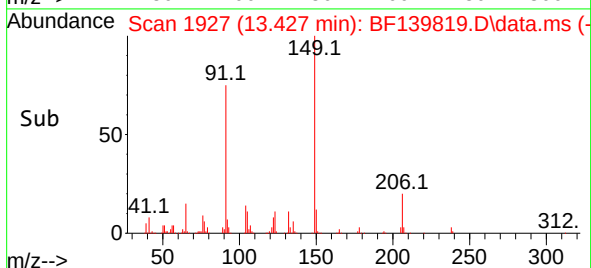
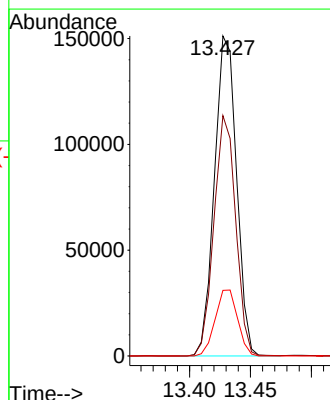
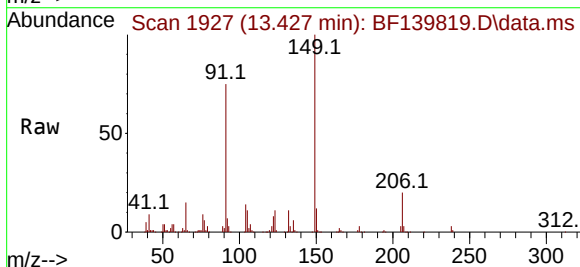
Tgt Ion:149 Resp: 191044

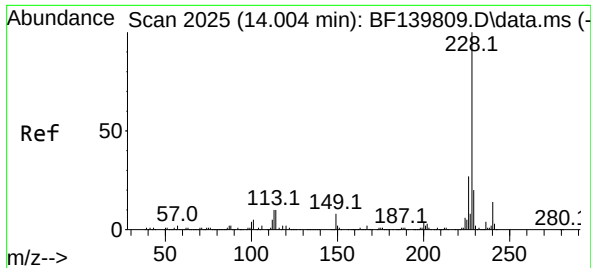
Ion Ratio Lower Upper

149 100

91 75.1 57.8 86.8

206 20.5 17.4 26.2

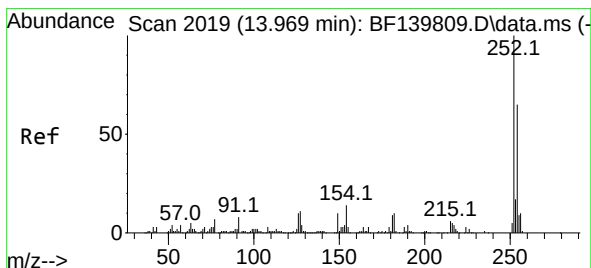
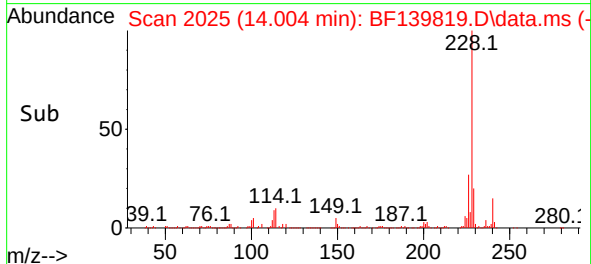
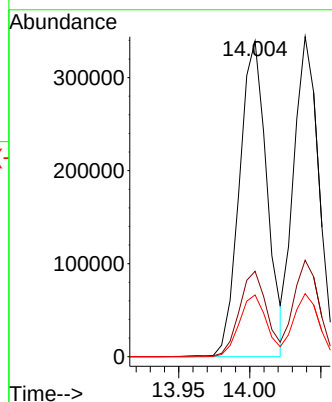
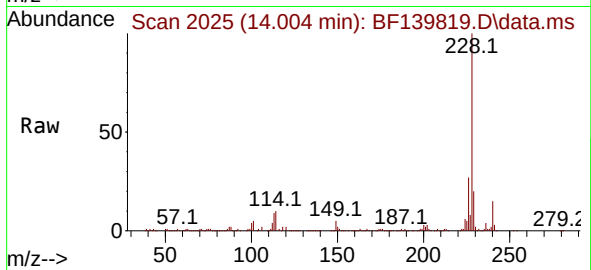




#81
Benzo(a)anthracene
Concen: 54.610 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

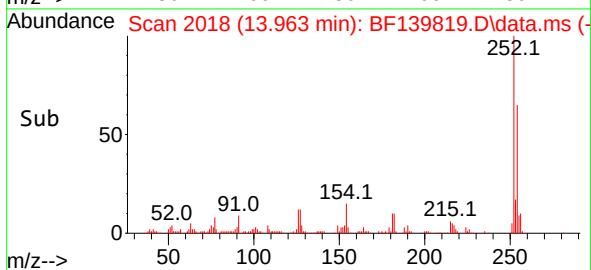
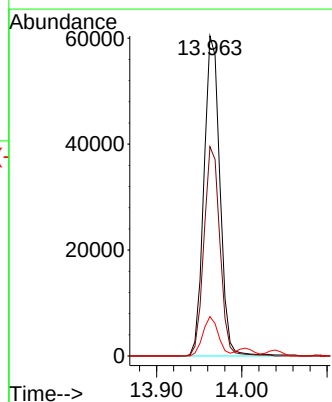
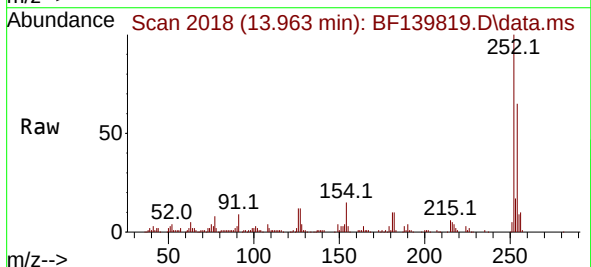
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

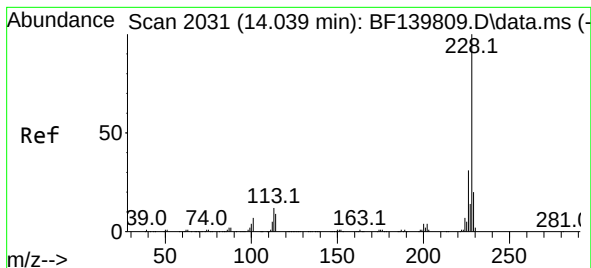
Tgt Ion:228 Resp: 456702
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 28.233 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:252 Resp: 78672
Ion Ratio Lower Upper
252 100
254 65.4 51.7 77.5
126 12.3 8.2 12.2#





#83

Chrysene

Concen: 55.231 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

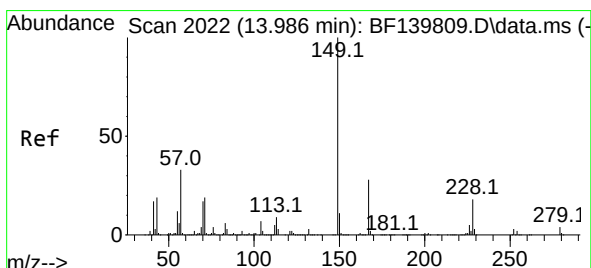
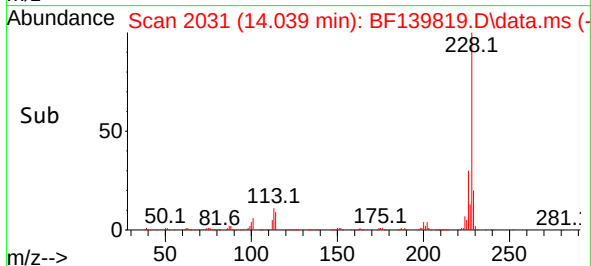
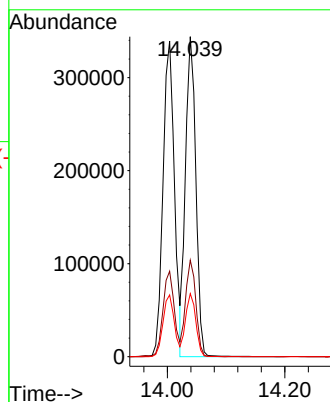
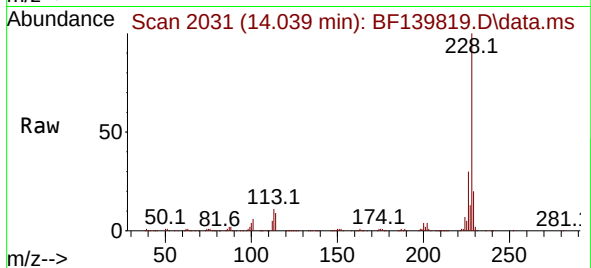
Tgt Ion:228 Resp: 421001

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.966 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

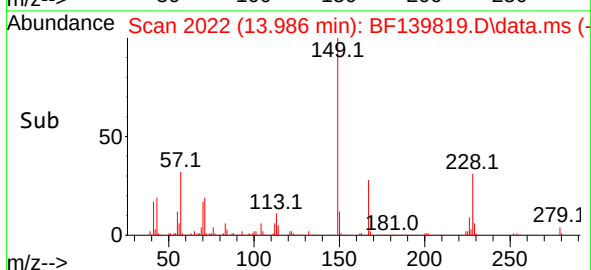
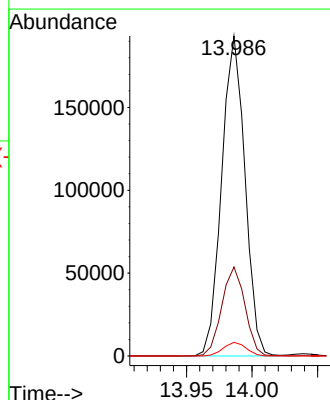
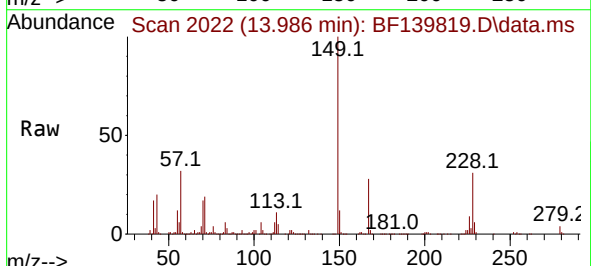
Tgt Ion:149 Resp: 237907

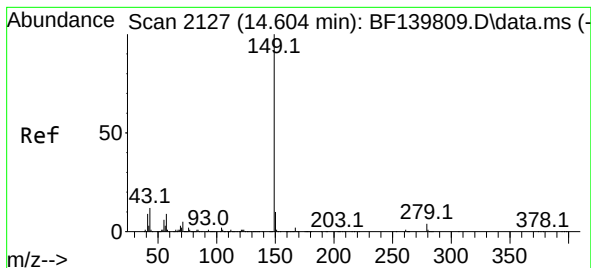
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.011 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

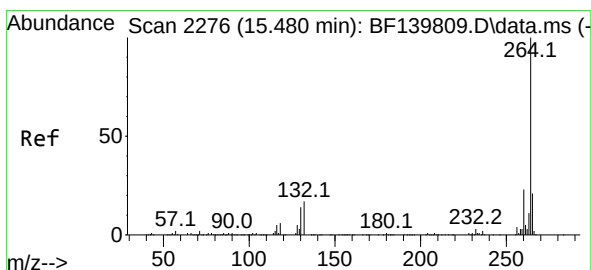
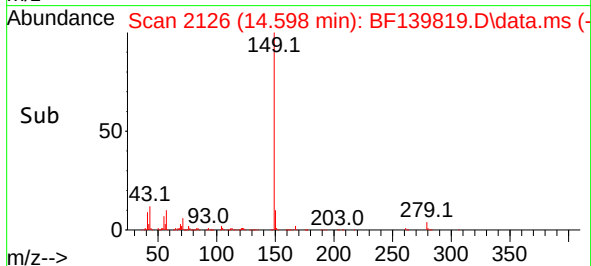
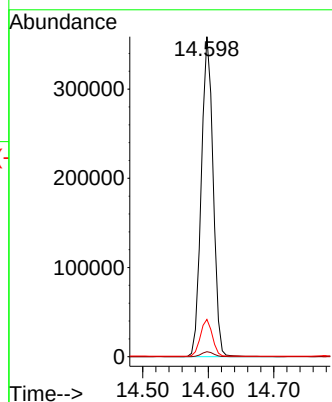
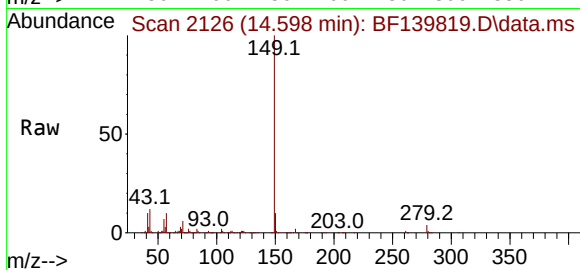
Tgt Ion:149 Resp: 451020

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

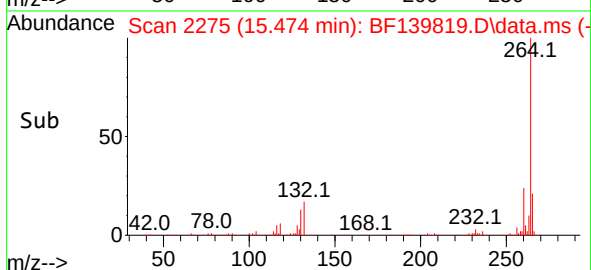
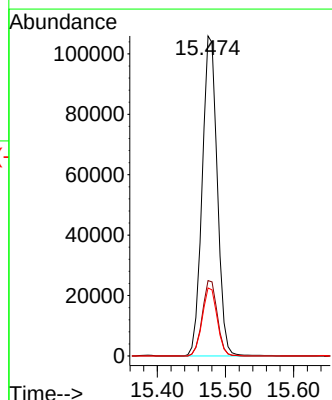
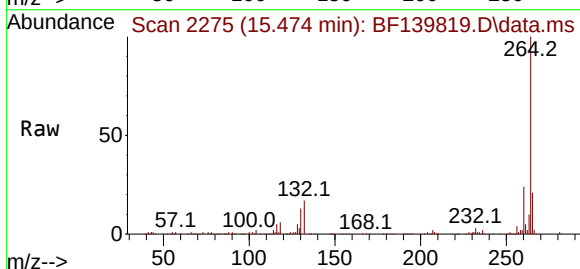
Tgt Ion:264 Resp: 162383

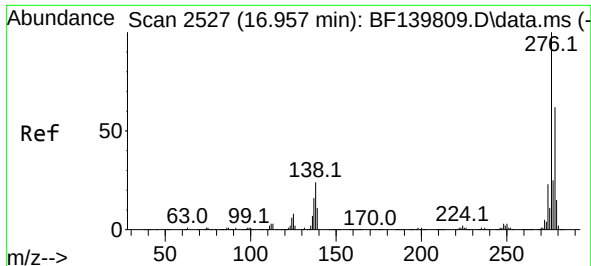
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.2 17.2 25.8

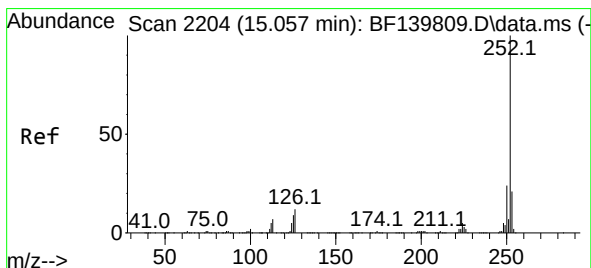
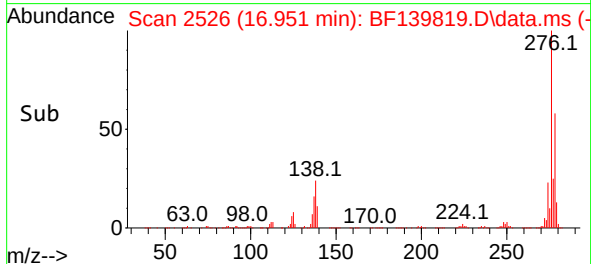
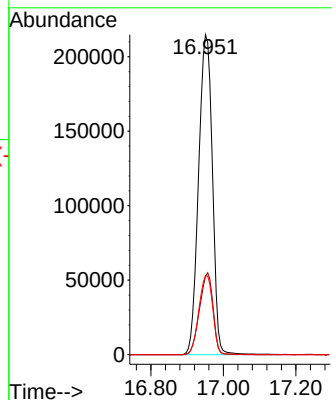
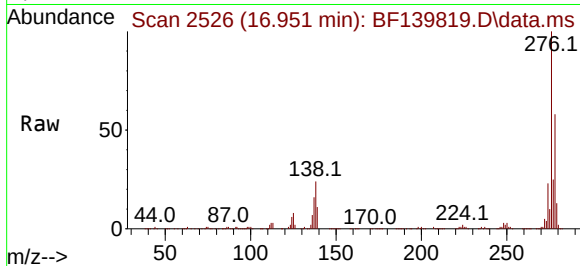




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.199 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

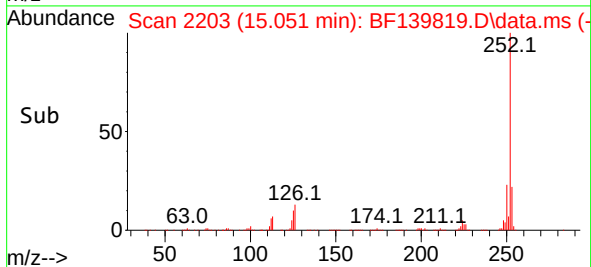
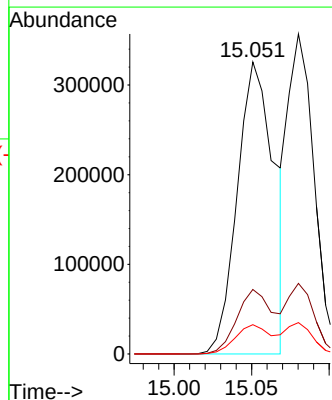
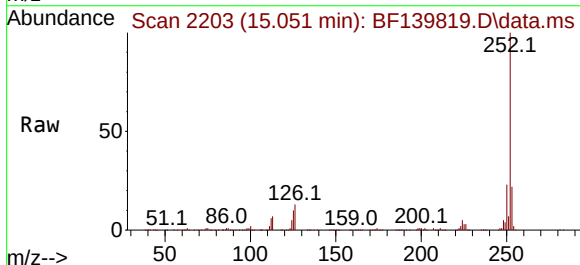
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

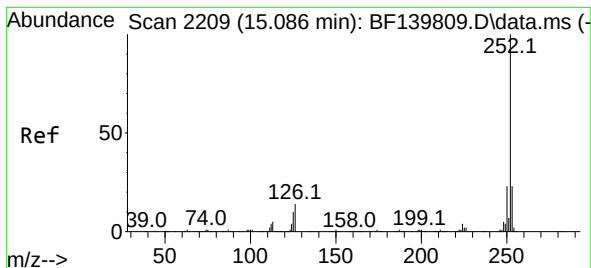
Tgt Ion:276 Resp: 567596
Ion Ratio Lower Upper
276 100
138 25.1 20.0 30.0
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 58.033 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:252 Resp: 540542
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 50.953 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMSD

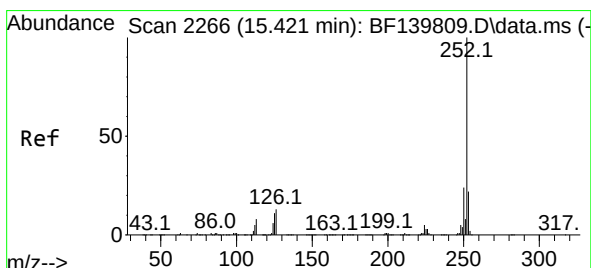
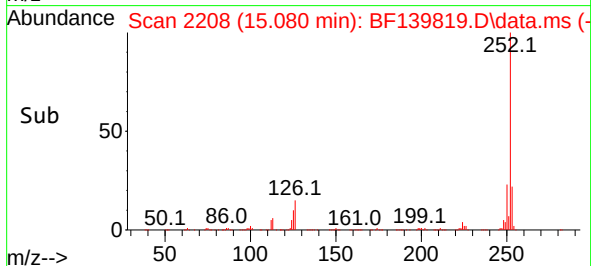
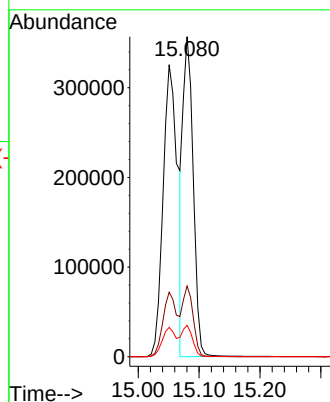
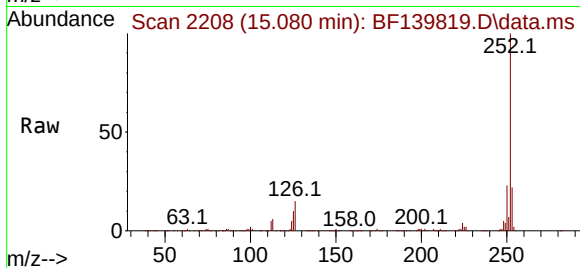
Tgt Ion:252 Resp: 421182

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.8 7.7 11.5



#90

Benzo(a)pyrene

Concen: 59.119 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BF139819.D

Acq: 15 Oct 2024 18:30

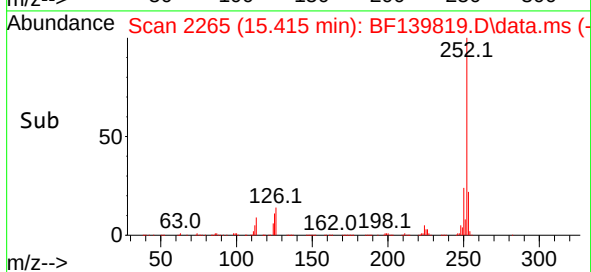
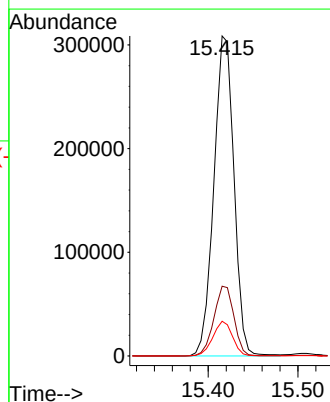
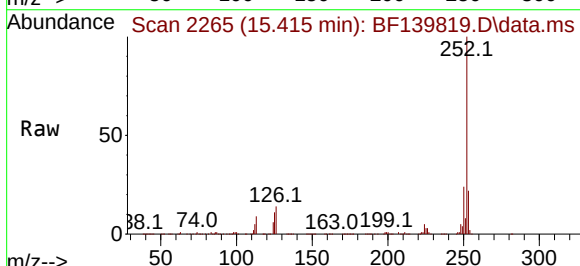
Tgt Ion:252 Resp: 480972

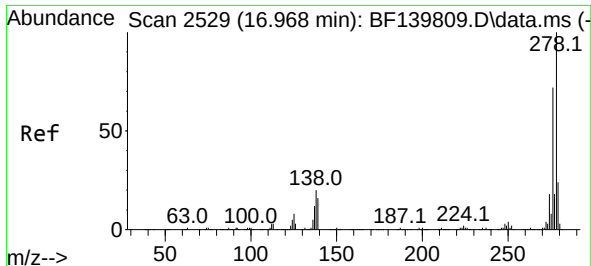
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.8 8.4 12.6

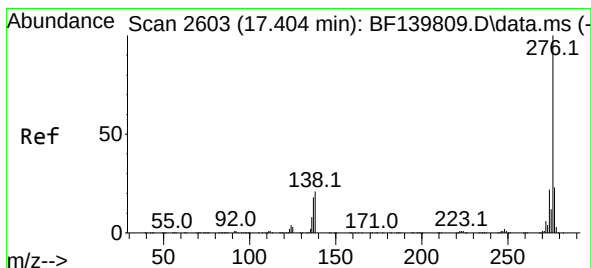
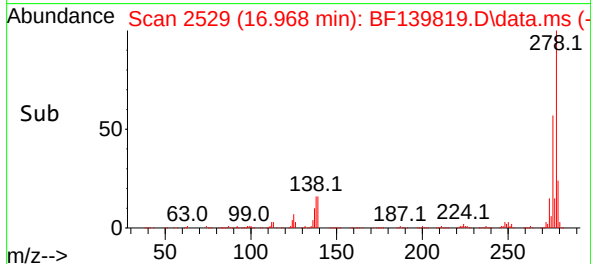
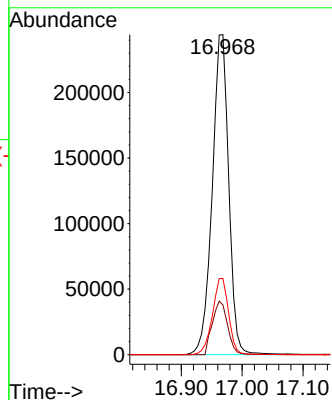
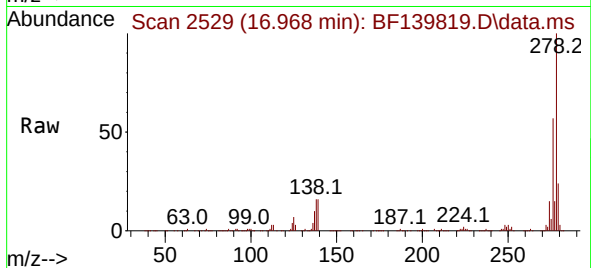




#91
Dibenzo(a,h)anthracene
Concen: 51.536 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMSD

Tgt Ion:278 Resp: 459551
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 45.157 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF139819.D
Acq: 15 Oct 2024 18:30

Tgt Ion:276 Resp: 422342
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.4
138 21.1 17.0 25.4

