

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143818.D
 Acq On : 25 Sep 2025 22:20
 Operator : RC/JU
 Sample : Q3178-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

Quant Time: Sep 25 23:26:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	126353	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	459229	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	224210	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	355718	20.000	ng	0.00
76) Chrysene-d12	14.063	240	435935	20.000	ng	0.00
86) Perylene-d12	15.533	264	434629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	685500	88.144	ng	0.00
7) Phenol-d6	6.504	99	833354	92.741	ng	0.00
23) Nitrobenzene-d5	7.445	82	492420	65.636	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	267172	80.479	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	745279	51.871	ng	0.00
79) Terphenyl-d14	12.998	244	1139227	53.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	170432	45.786	ng	99
3) Pyridine	3.463	79	462364	46.016	ng	95
4) n-Nitrosodimethylamine	3.410	42	255853	50.782	ng	92
6) Aniline	6.546	93	368587	28.262	ng	100
8) 2-Chlorophenol	6.669	128	387841	48.714	ng	99
9) Benzaldehyde	6.434	77	252391	32.074	ng	97
10) Phenol	6.522	94	527651	50.519	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	393866	48.107	ng	99
12) 1,3-Dichlorobenzene	6.828	146	438833	47.473	ng	99
13) 1,4-Dichlorobenzene	6.904	146	442997	48.021	ng	99
14) 1,2-Dichlorobenzene	7.057	146	424914	48.633	ng	100
15) Benzyl Alcohol	7.022	79	355202	54.707	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	873470	44.991	ng	98
17) 2-Methylphenol	7.134	107	309721	50.248	ng	99
18) Hexachloroethane	7.398	117	149269	46.010	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	281772	48.763	ng	97
20) 3+4-Methylphenols	7.287	107	378153	50.378	ng	# 76
22) Acetophenone	7.293	105	557233	55.246	ng	100
24) Nitrobenzene	7.463	77	434021	52.193	ng	98
25) Isophorone	7.704	82	762138	52.131	ng	100
26) 2-Nitrophenol	7.781	139	194055	56.341	ng	97
27) 2,4-Dimethylphenol	7.816	122	369228	56.505	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	462198	48.661	ng	99
29) 2,4-Dichlorophenol	8.022	162	320002	49.770	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	340385	51.013	ng	99
31) Naphthalene	8.192	128	1051563	47.833	ng	100
32) Benzoic acid	7.916	122	230335	73.059	ng	95
33) 4-Chloroaniline	8.234	127	145520	18.836	ng	99
34) Hexachlorobutadiene	8.310	225	237191	47.684	ng	99
35) Caprolactam	8.598	113	102749	62.522	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	313113	51.924	ng	98
37) 2-Methylnaphthalene	8.881	142	621572	44.341	ng	100
38) 1-Methylnaphthalene	8.981	142	632349	47.129	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356539	52.694	ng	100
41) Hexachlorocyclopentadiene	9.034	237	367206	85.631	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	226360	53.427	ng	99

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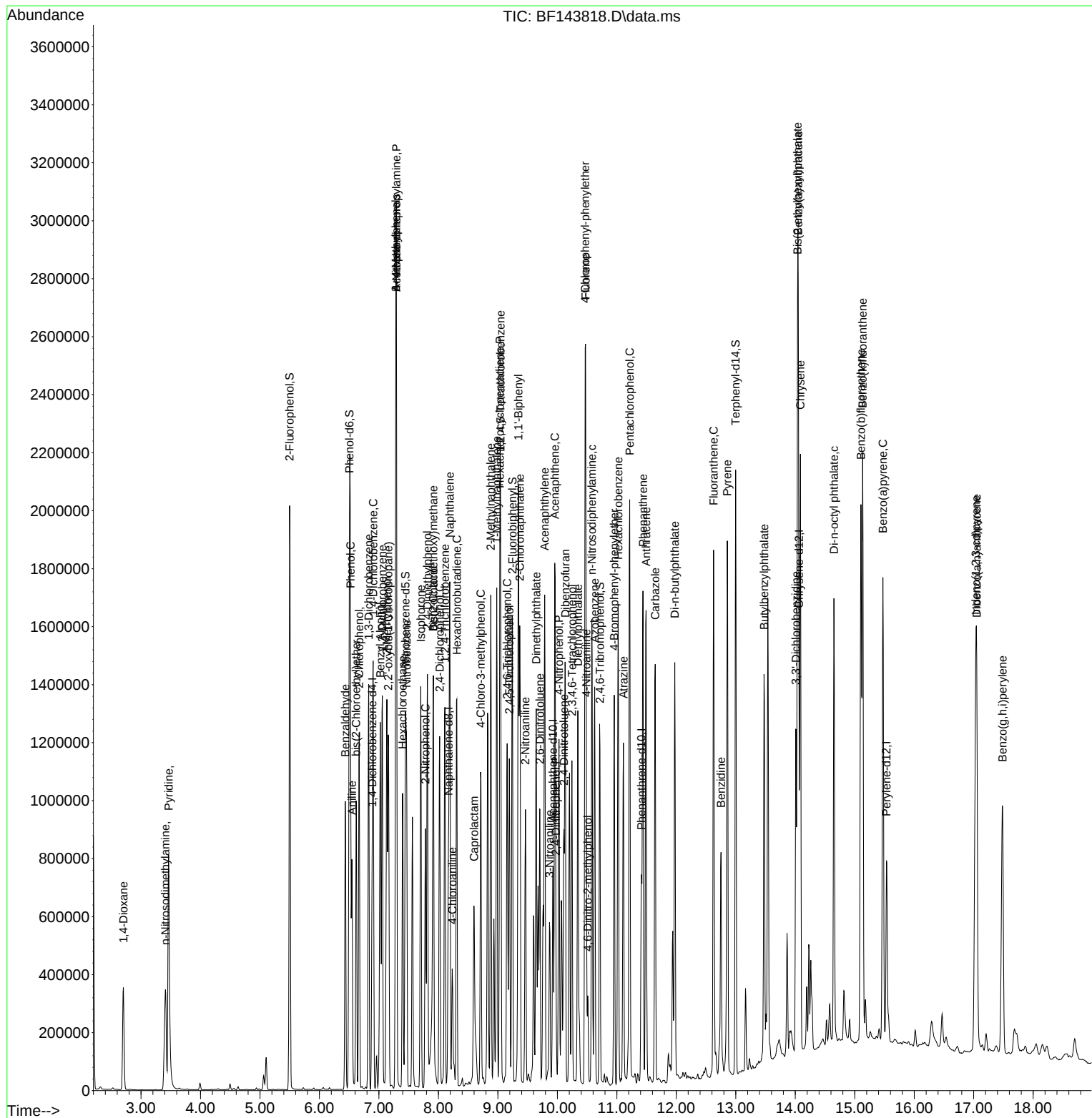
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	224962	50.763	ng	99
46) 1,1'-Biphenyl	9.345	154	873337	53.810	ng	99
47) 2-Chloronaphthalene	9.369	162	627741	48.050	ng	99
48) 2-Nitroaniline	9.463	65	244411	61.899	ng	99
49) Acenaphthylene	9.787	152	1003047	55.772	ng	100
50) Dimethylphthalate	9.645	163	727859	53.262	ng	100
51) 2,6-Dinitrotoluene	9.704	165	152551	67.944	ng	97
52) Acenaphthene	9.957	154	574079	48.506	ng	100
53) 3-Nitroaniline	9.869	138	107230	39.401	ng	99
54) 2,4-Dinitrophenol	9.975	184	58390	67.109	ng	# 76
55) Dibenzofuran	10.134	168	814738	48.682	ng	99
56) 4-Nitrophenol	10.028	139	252644	115.199	ng	91
57) 2,4-Dinitrotoluene	10.110	165	198890	58.969	ng	95
58) Fluorene	10.475	166	609725	49.006	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	224793	59.212	ng	97
60) Diethylphthalate	10.345	149	663203	51.844	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	309245	48.780	ng	96
62) 4-Nitroaniline	10.486	138	135264	52.859	ng	98
63) Azobenzene	10.628	77	686022	50.885	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	49470	40.135	ng	95
66) n-Nitrosodiphenylamine	10.581	169	580810	49.648	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	297735	49.115	ng	97
68) Hexachlorobenzene	11.022	284	408424	48.889	ng	99
69) Atrazine	11.110	200	182138	53.765	ng	99
70) Pentachlorophenol	11.216	266	477417	114.806	ng	100
71) Phenanthrene	11.439	178	901235	49.349	ng	100
72) Anthracene	11.492	178	918987	50.167	ng	99
73) Carbazole	11.645	167	832102	51.953	ng	100
74) Di-n-butylphthalate	11.975	149	972765	52.810	ng	100
75) Fluoranthene	12.628	202	1038840	56.557	ng	99
77) Benzidine	12.751	184	423409	39.859	ng	100
78) Pyrene	12.857	202	1076385	50.222	ng	99
80) Butylbenzylphthalate	13.475	149	431860	58.241	ng	98
81) Benzo(a)anthracene	14.051	228	1197901	51.150	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	415267	40.930	ng	99
83) Chrysene	14.086	228	1056176	49.840	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	541890	49.858	ng	100
85) Di-n-octyl phthalate	14.651	149	957368	48.560	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1231964	37.358	ng	99
88) Benzo(b)fluoranthene	15.104	252	1498147	67.687	ng	99
89) Benzo(k)fluoranthene	15.133	252	1149445	51.691	ng	100
90) Benzo(a)pyrene	15.474	252	1167187	56.101	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1002210	37.157	ng	99
92) Benzo(g,h,i)perylene	17.486	276	972031	37.385	ng	99

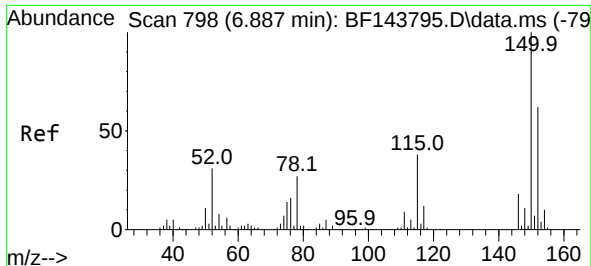
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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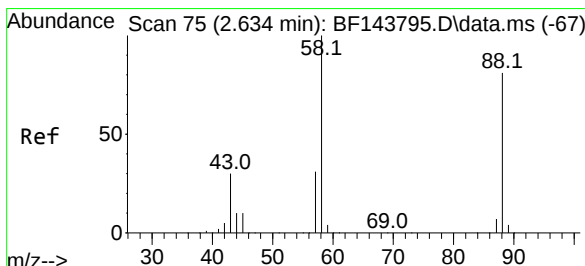
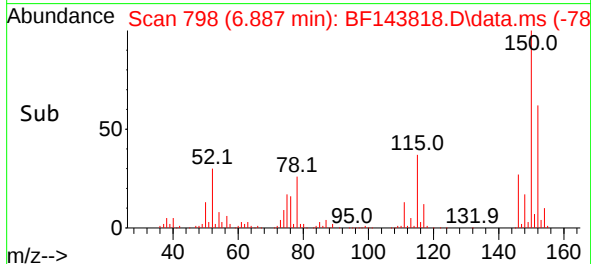
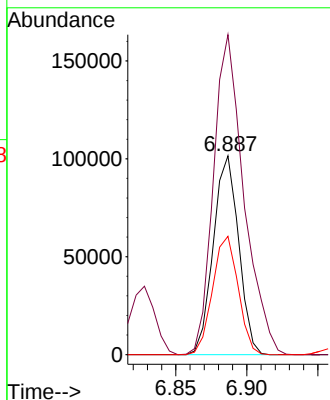
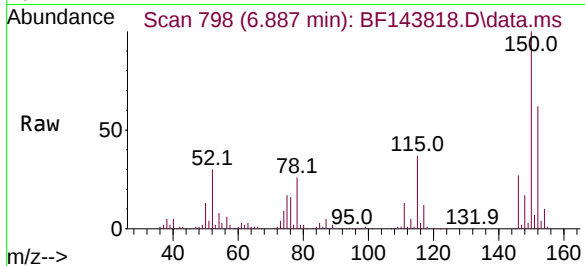




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

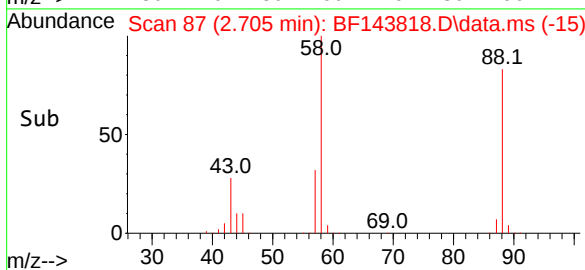
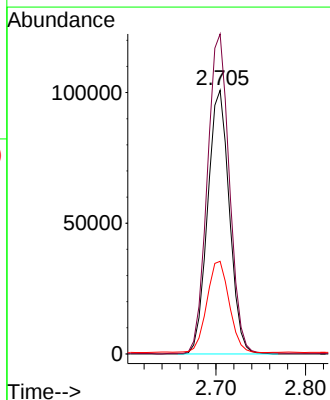
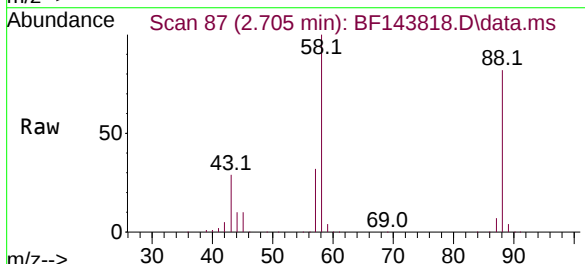
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 ClientSampleId :
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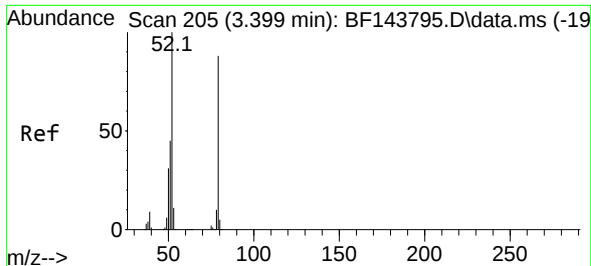
Tgt Ion:152 Resp: 126353
 Ion Ratio Lower Upper
 152 100
 150 160.9 129.6 194.4
 115 59.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 45.786 ng
 RT: 2.705 min Scan# 87
 Delta R.T. 0.071 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Tgt Ion: 88 Resp: 170432
 Ion Ratio Lower Upper
 88 100
 58 123.6 99.4 149.2
 43 35.6 30.6 45.8

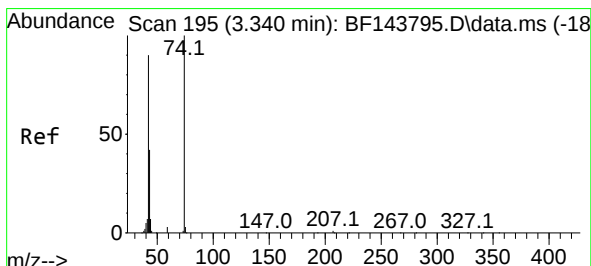
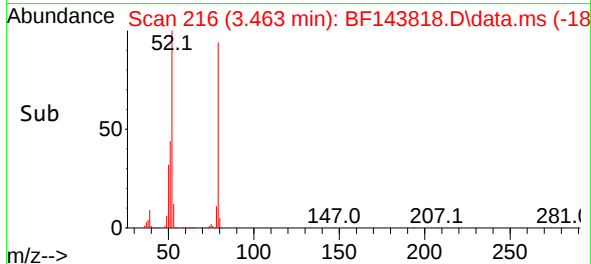
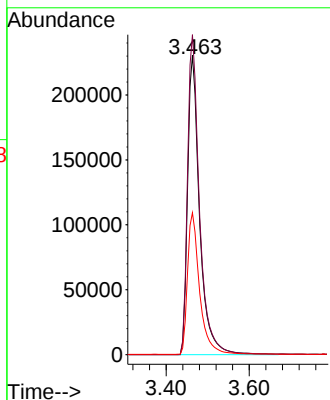
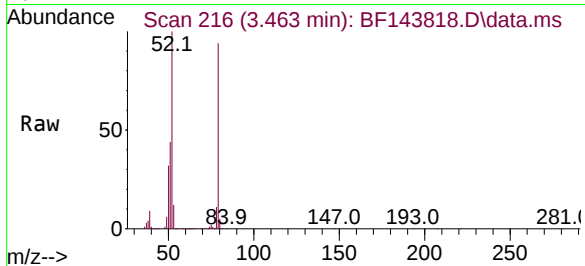




#3
Pyridine
Concen: 46.016 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

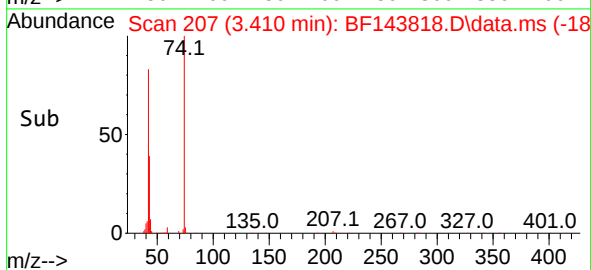
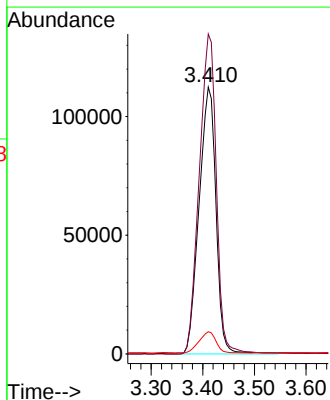
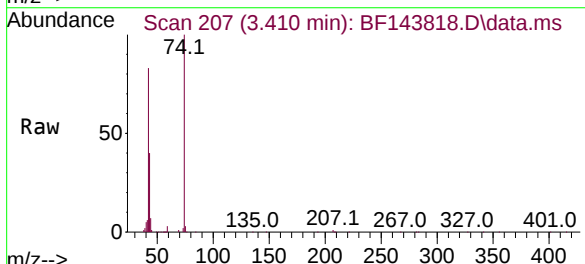
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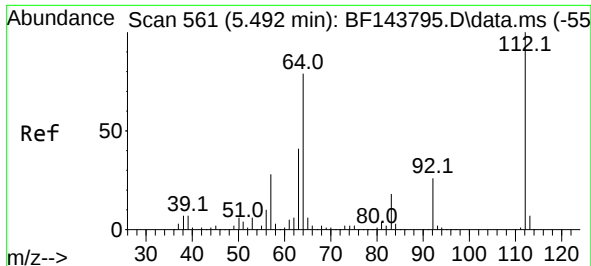
Tgt Ion: 79 Resp: 462364
Ion Ratio Lower Upper
79 100
52 106.9 90.5 135.7
51 47.4 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 50.782 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.053 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 42 Resp: 255853
Ion Ratio Lower Upper
42 100
74 120.0 89.1 133.7
44 8.3 6.4 9.6

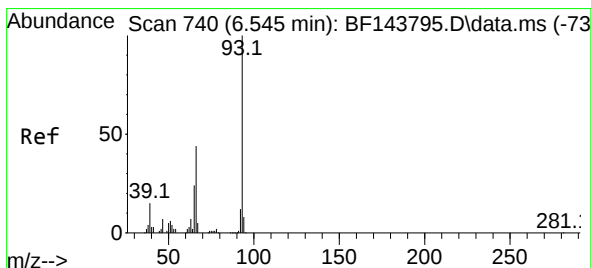
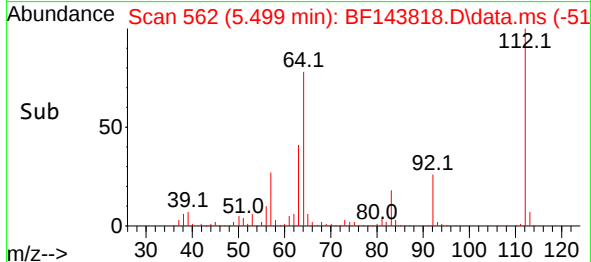
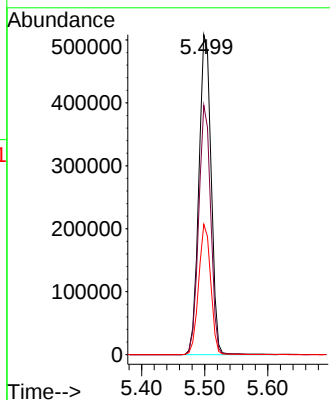
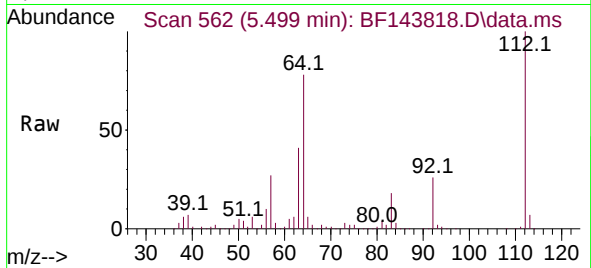




#5
2-Fluorophenol
Concen: 88.144 ng
RT: 5.499 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

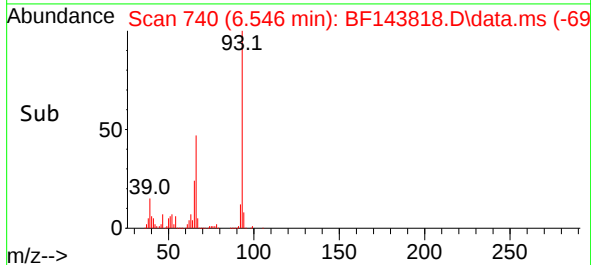
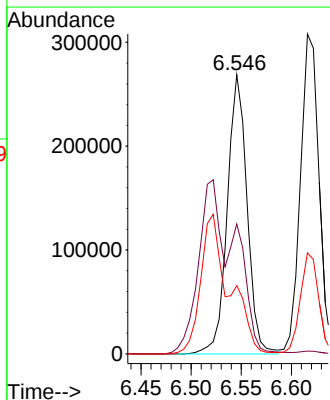
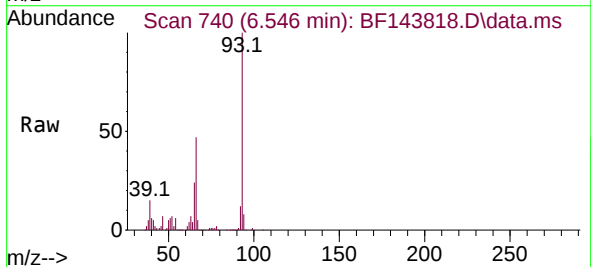
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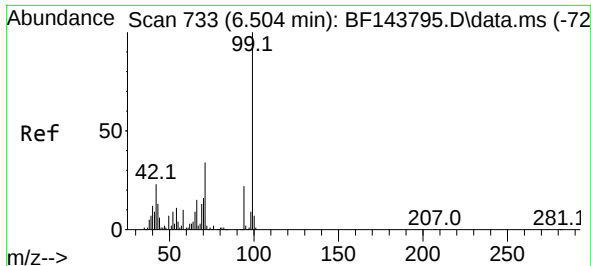
Tgt Ion:112 Resp: 685500
Ion Ratio Lower Upper
112 100
64 77.9 63.0 94.4
63 40.7 32.6 49.0



#6
Aniline
Concen: 28.262 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143818.D
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Tgt Ion: 93 Resp: 368587
Ion Ratio Lower Upper
93 100
66 46.6 37.1 55.7
65 24.4 19.4 29.0

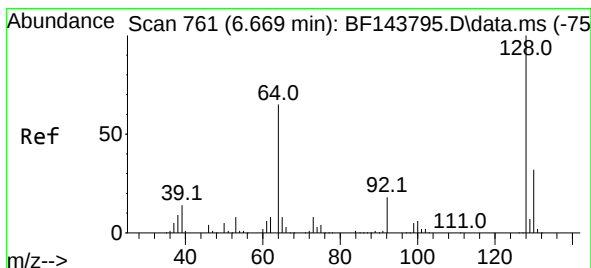
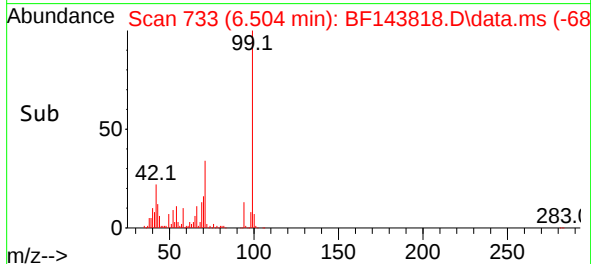
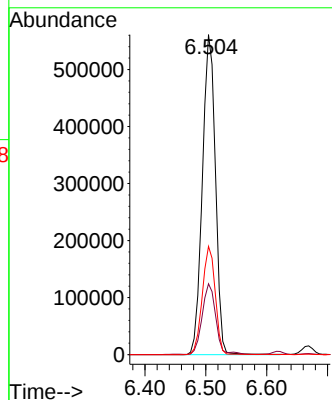
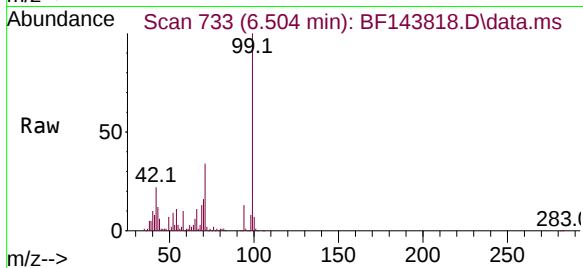




#7
Phenol-d6
Concen: 92.741 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143818.D
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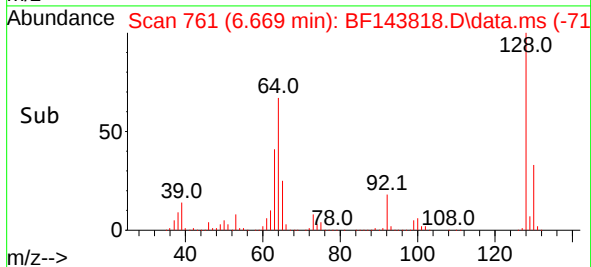
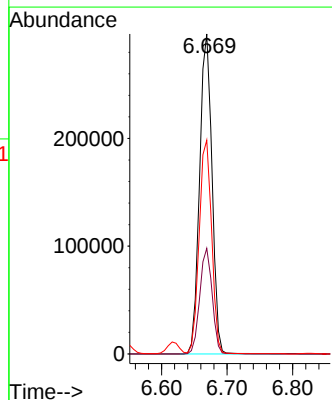
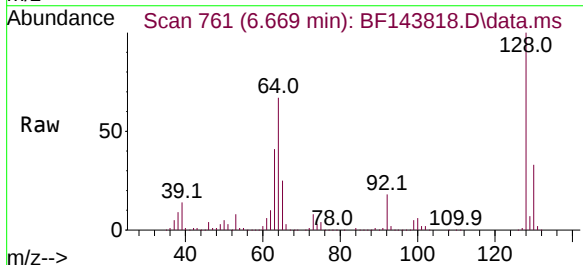
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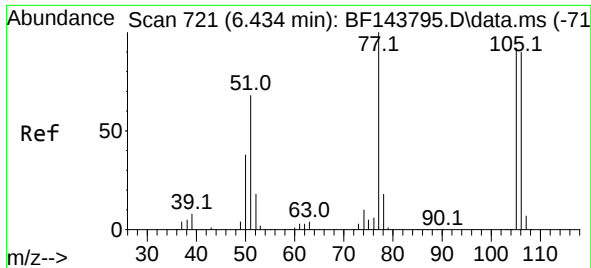
Tgt Ion:	99	Resp:	833354
Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.6	28.0
71	33.8	27.0	40.4



#8
2-Chlorophenol
Concen: 48.714 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
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Tgt Ion:	128	Resp:	387841
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	66.8	46.5	86.5





#9

Benzaldehyde

Concen: 32.074 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

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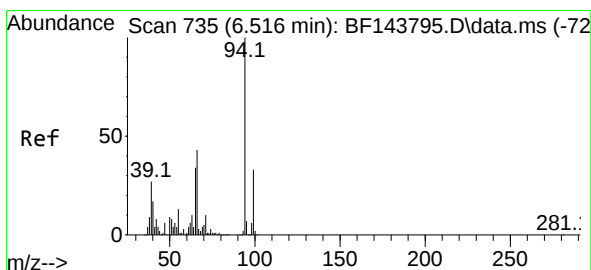
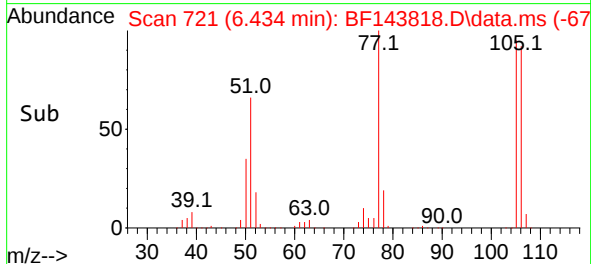
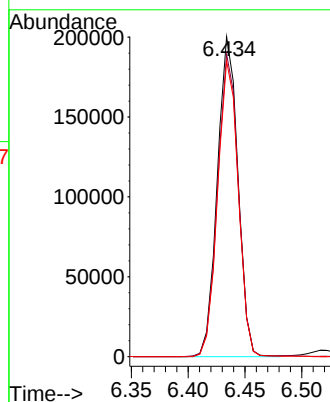
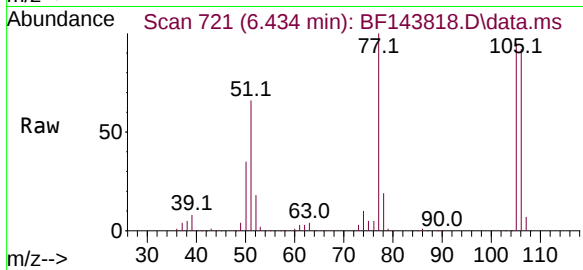
Tgt Ion: 77 Resp: 252391

Ion Ratio Lower Upper

77 100

105 94.5 71.8 111.8

106 92.3 69.8 109.8



#10

Phenol

Concen: 50.519 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

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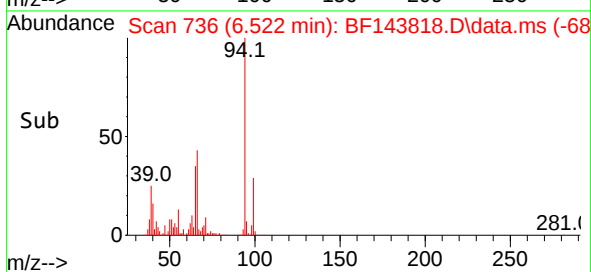
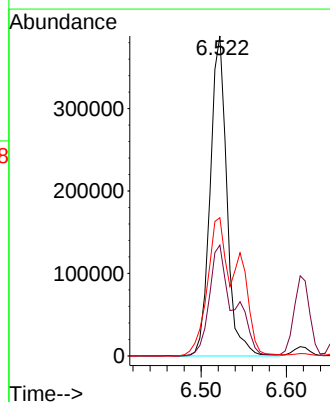
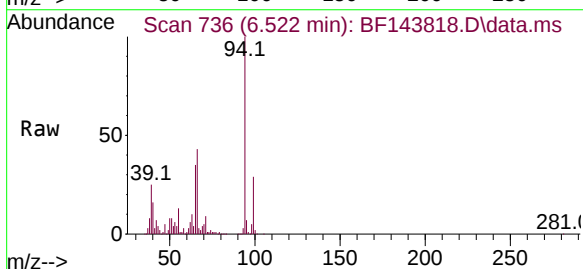
Tgt Ion: 94 Resp: 527651

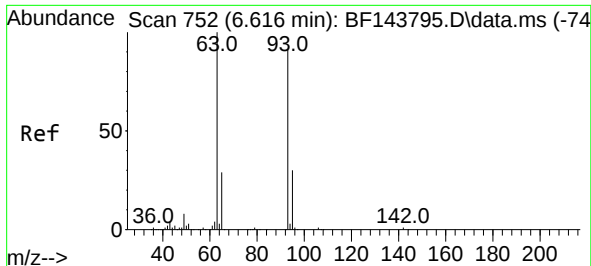
Ion Ratio Lower Upper

94 100

65 34.6 14.2 54.2

66 43.2 24.1 64.1

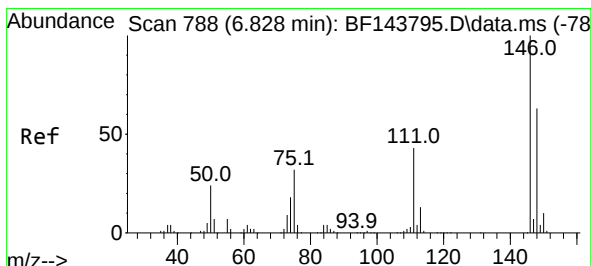
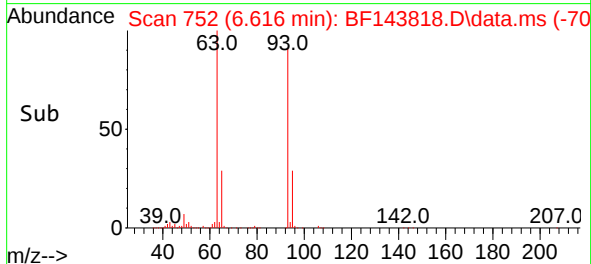
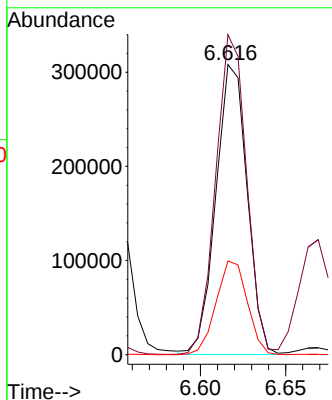
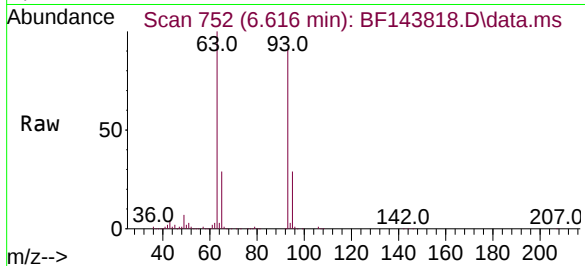




#11
bis(2-Chloroethyl)ether
Concen: 48.107 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

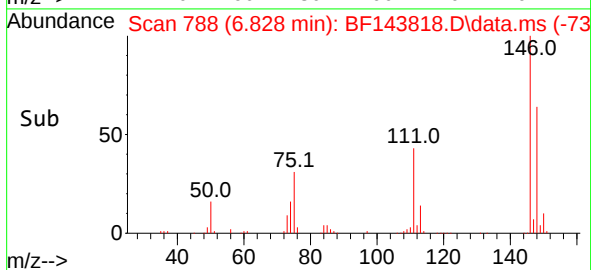
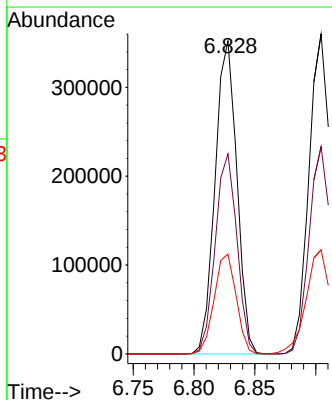
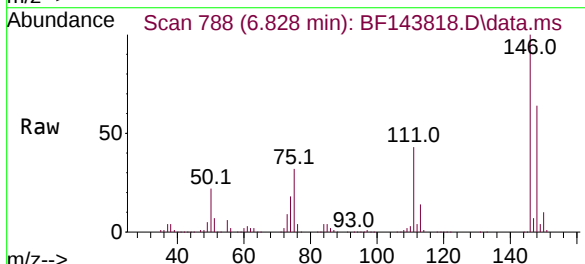
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

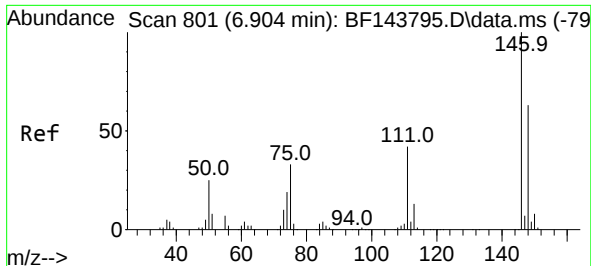
Tgt Ion:	93	Resp:	393866
Ion	Ratio	Lower	Upper
93	100		
63	110.4	89.2	129.2
95	32.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 47.473 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:	146	Resp:	438833
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
75	31.8	25.6	38.4

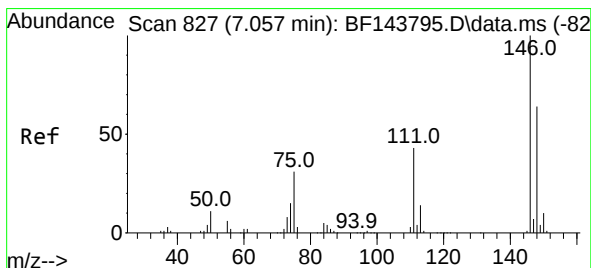
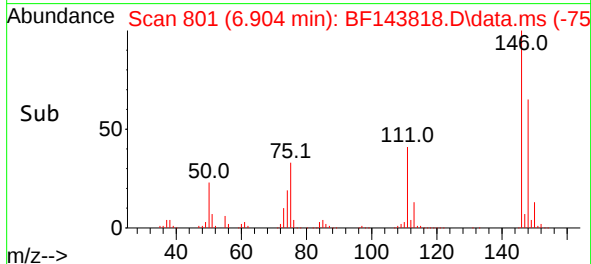
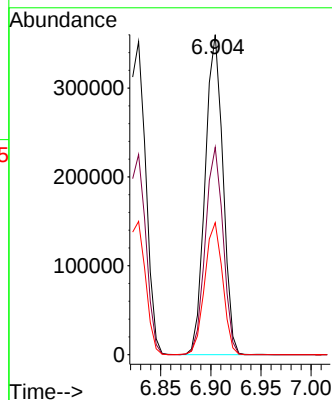
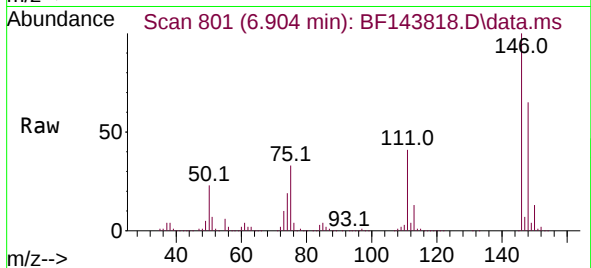




#13
1,4-Dichlorobenzene
Concen: 48.021 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

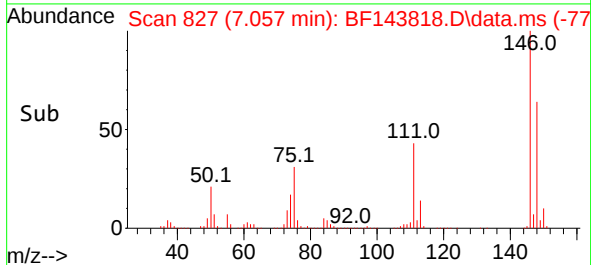
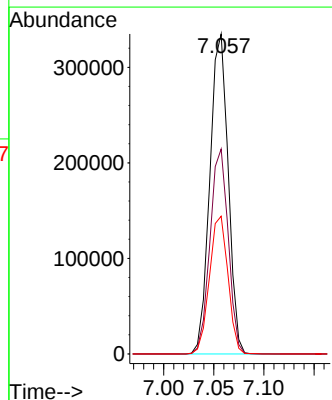
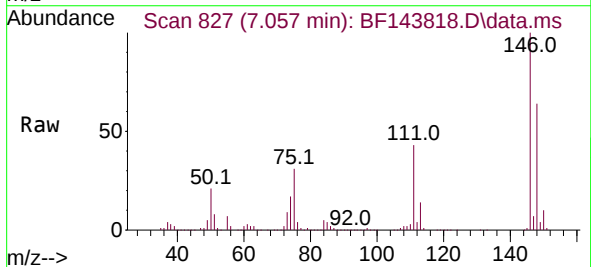
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

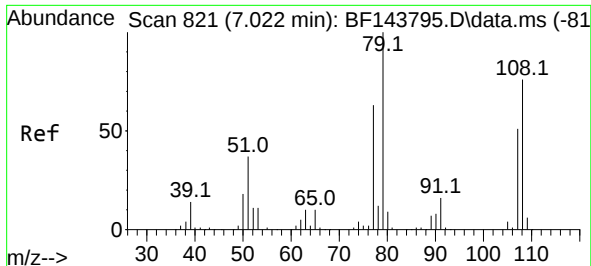
Tgt Ion:146 Resp: 442997
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
111 41.2 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 48.633 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:146 Resp: 424914
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 43.0 34.3 51.5

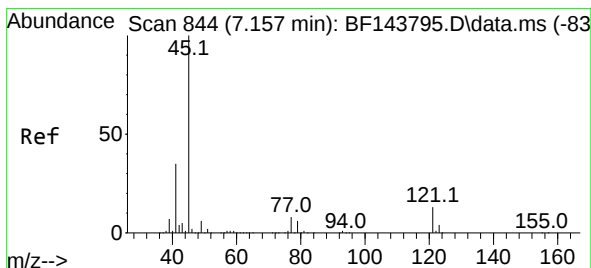
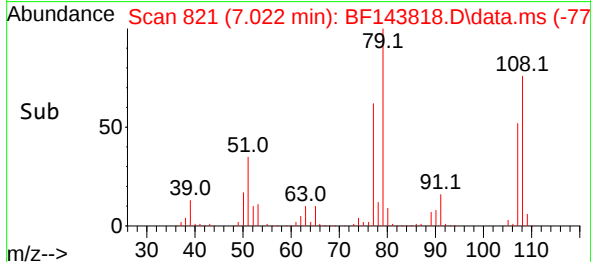
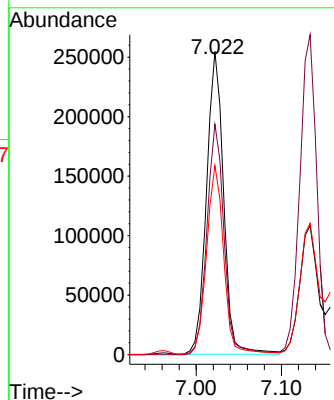
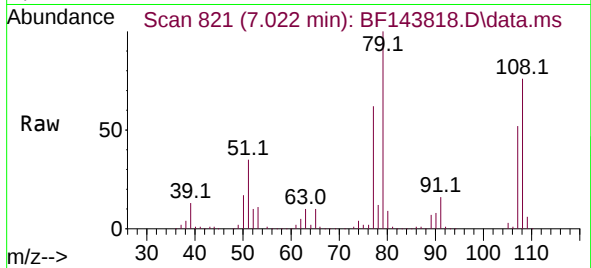




#15
Benzyl Alcohol
Concen: 54.707 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

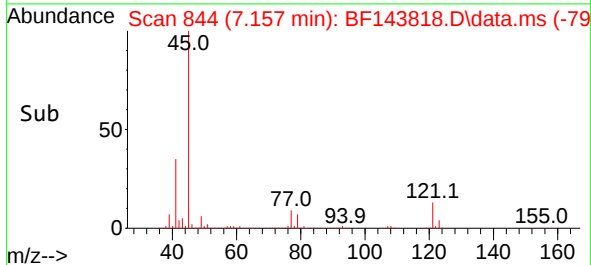
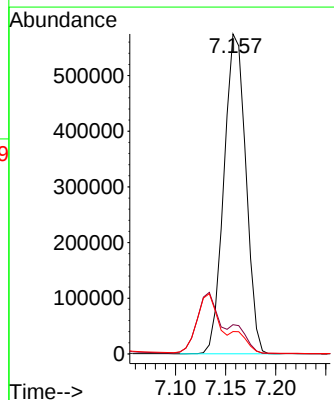
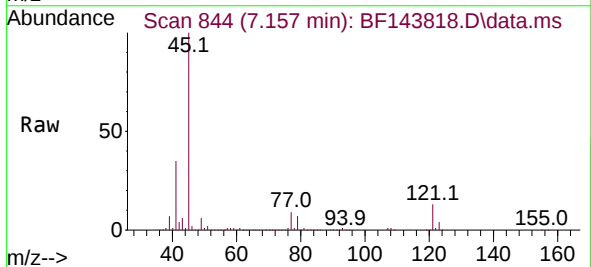
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

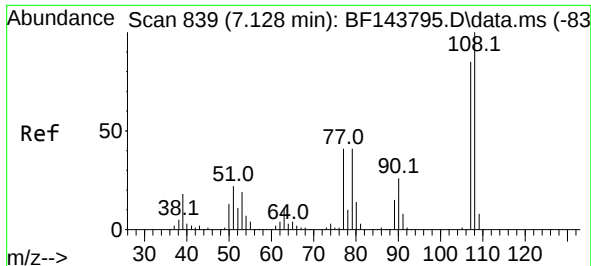
Tgt Ion: 79 Resp: 355202
Ion Ratio Lower Upper
79 100
108 76.0 60.5 90.7
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.991 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 45 Resp: 873470
Ion Ratio Lower Upper
45 100
77 9.1 0.0 28.5
79 7.0 0.0 26.3

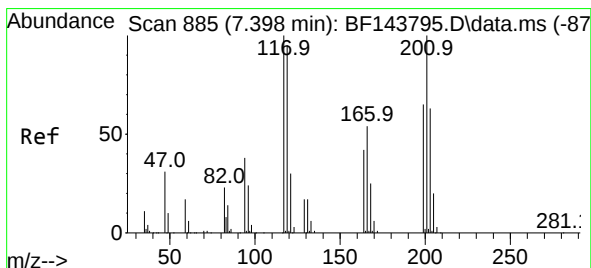
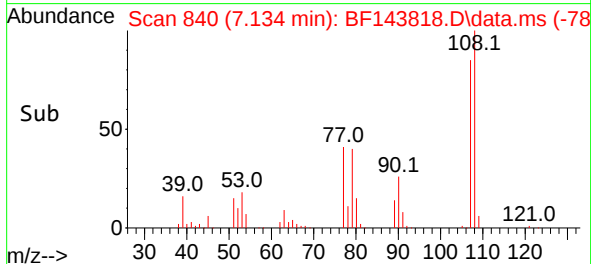
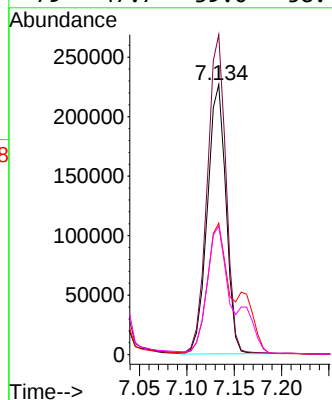
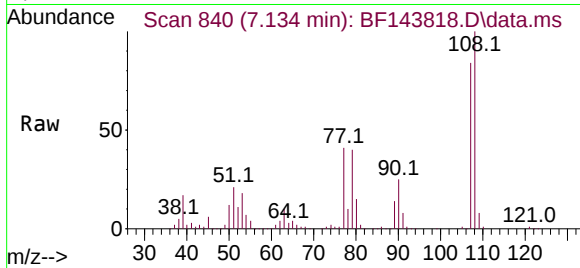




#17
2-Methylphenol
Concen: 50.248 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

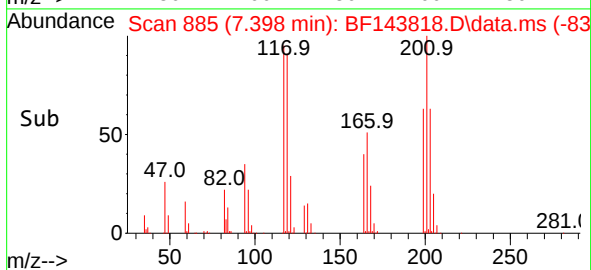
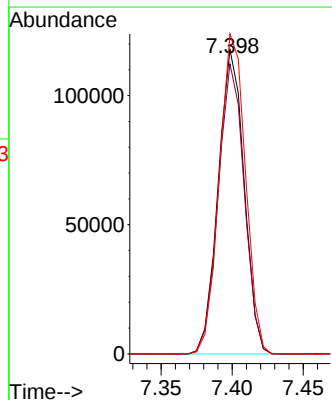
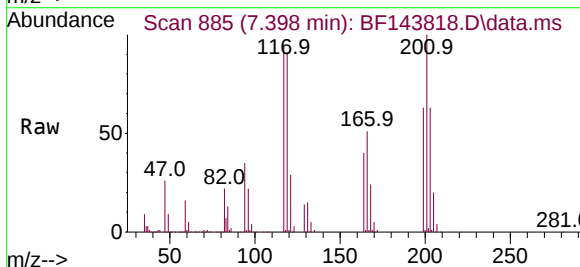
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

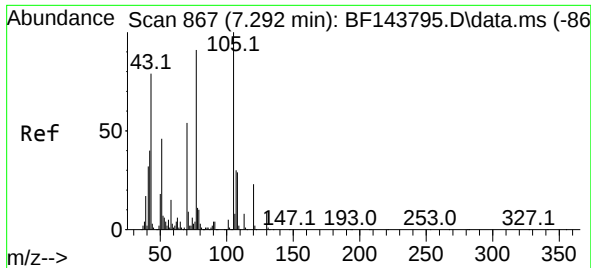
Tgt Ion:	107	Resp:	309721
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.2	141.4
77	48.7	38.6	58.0
79	47.7	39.0	58.4



#18
Hexachloroethane
Concen: 46.010 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:	117	Resp:	149269
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.2
201	105.1	79.7	119.5

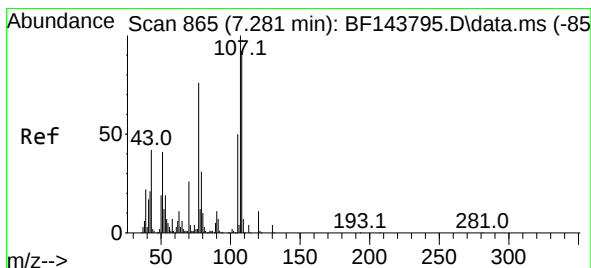
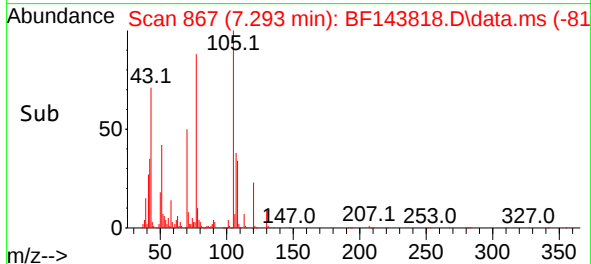
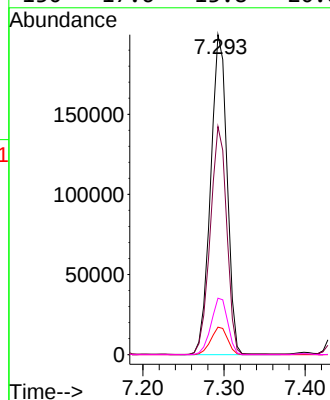
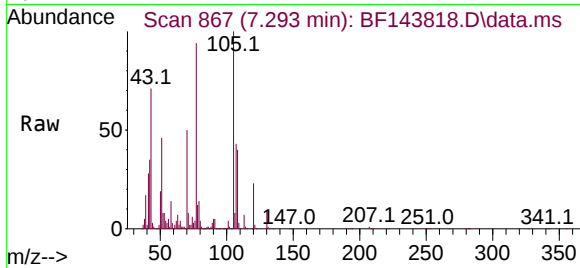




#19
n-Nitroso-di-n-propylamine
Concen: 48.763 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

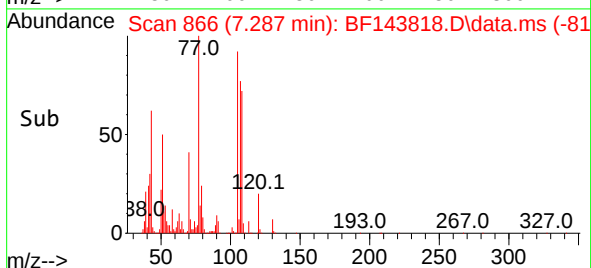
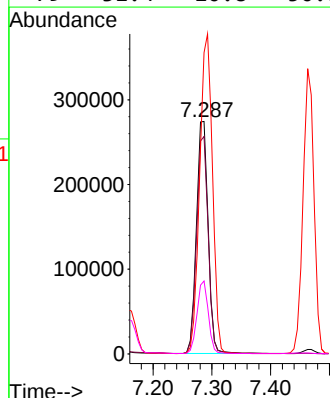
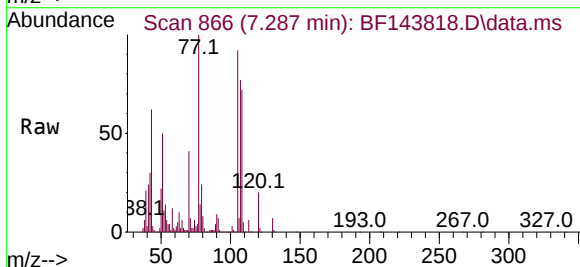
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

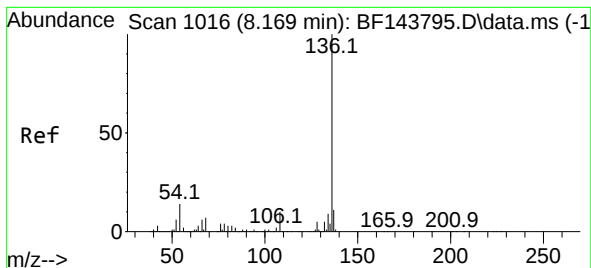
Tgt Ion: 70 Resp: 281772
Ion Ratio Lower Upper
70 100
42 71.3 59.4 89.0
101 8.6 7.1 10.7
130 17.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 50.378 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 107 Resp: 378153
Ion Ratio Lower Upper
107 100
108 93.6 72.5 112.5
77 129.6 56.2 96.2#
79 31.4 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143818.D

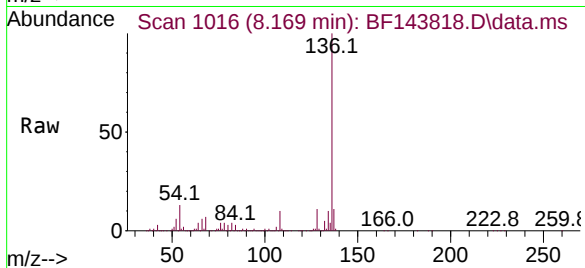
Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD



Tgt Ion:136 Resp: 459229

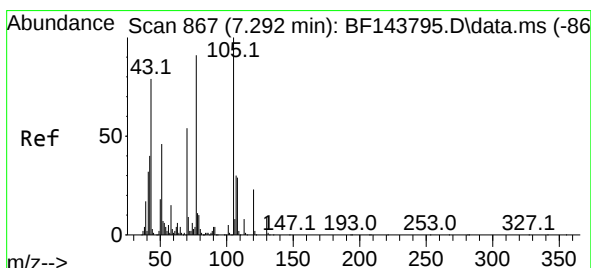
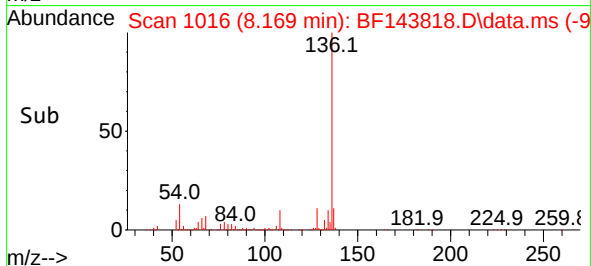
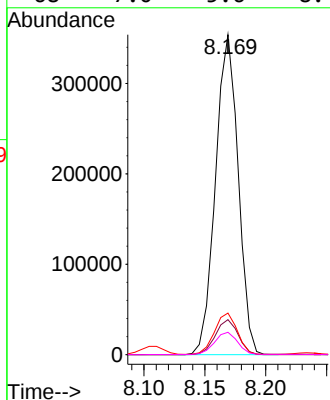
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 13.0 11.2 16.8

68 7.0 5.6 8.4



#22

Acetophenone

Concen: 55.246 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Tgt Ion:105 Resp: 557233

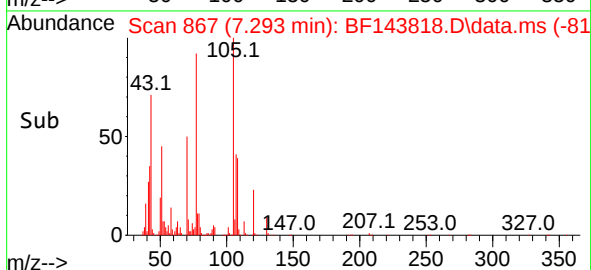
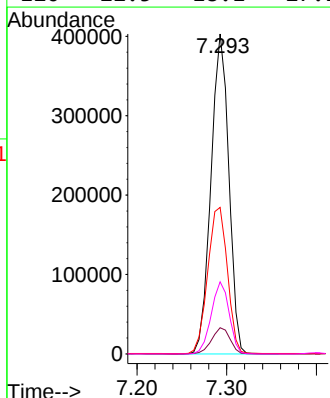
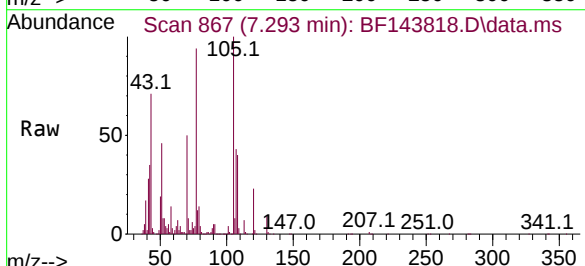
Ion Ratio Lower Upper

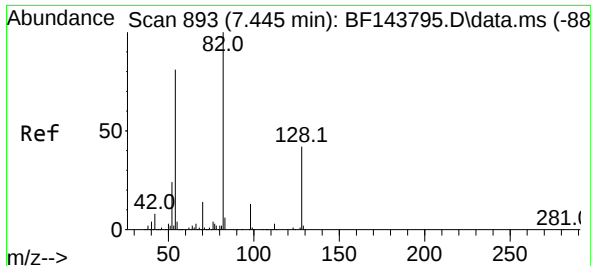
105 100

71 8.2 7.0 10.4

51 45.8 36.6 55.0

120 22.5 18.1 27.1

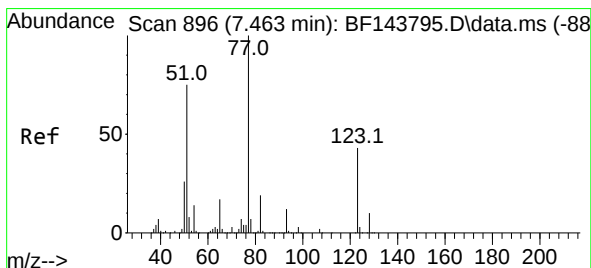
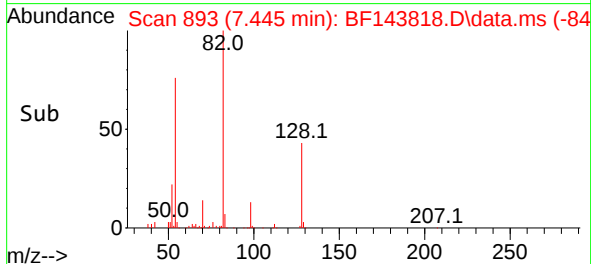
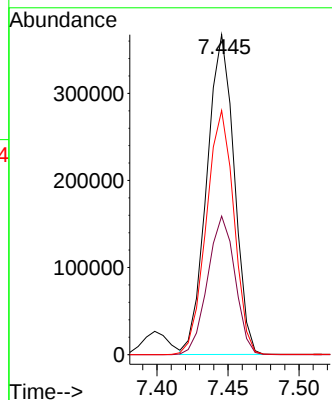
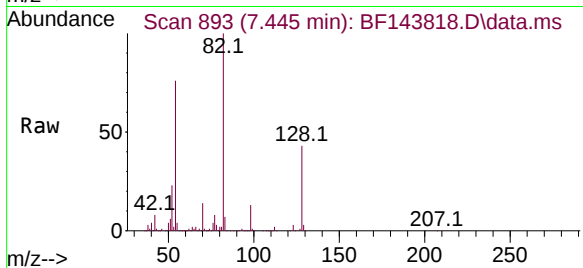




#23
Nitrobenzene-d5
Concen: 65.636 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

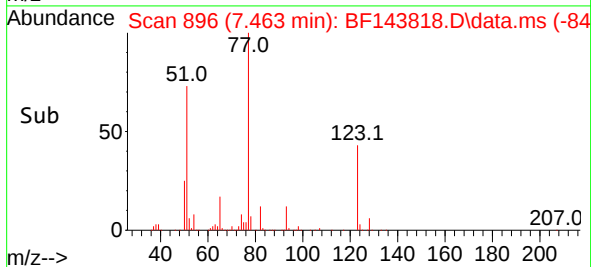
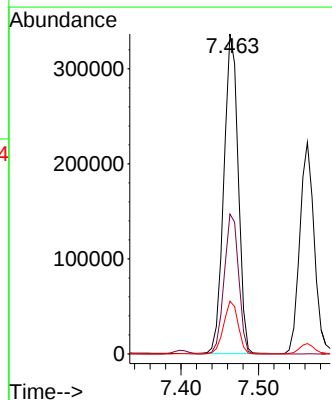
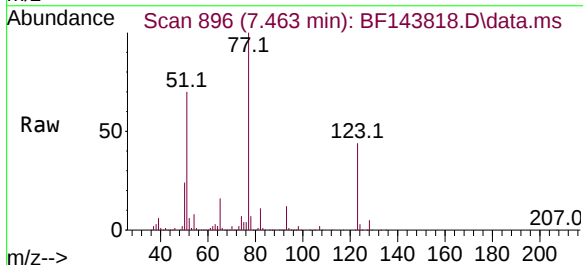
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

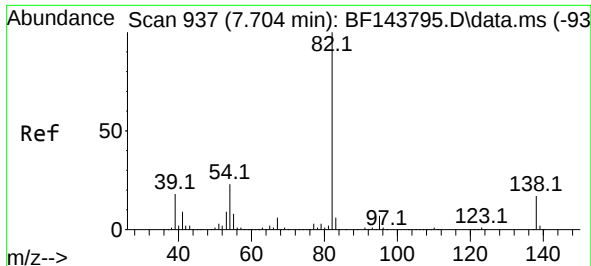
Tgt Ion: 82 Resp: 492420
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 76.3 64.2 96.4



#24
Nitrobenzene
Concen: 52.193 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 77 Resp: 434021
Ion Ratio Lower Upper
77 100
123 43.7 34.0 51.0
65 16.5 13.5 20.3

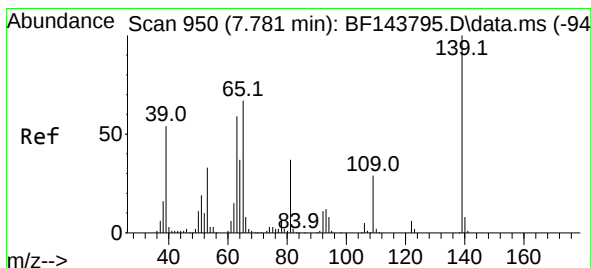
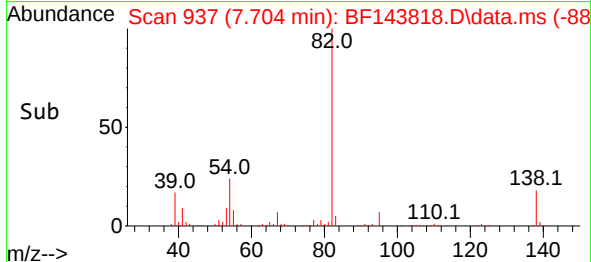
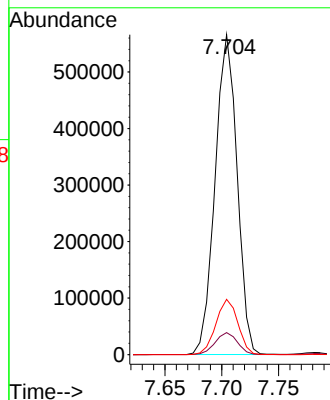
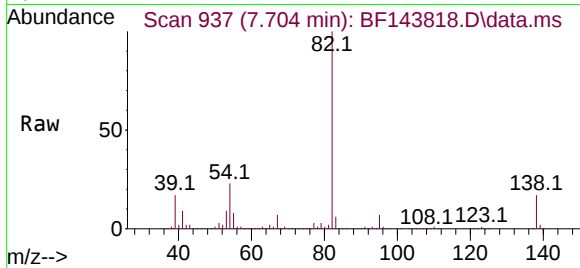




#25
Isophorone
Concen: 52.131 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

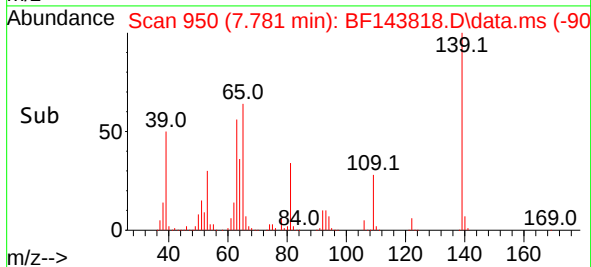
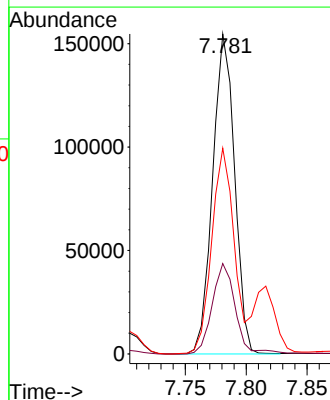
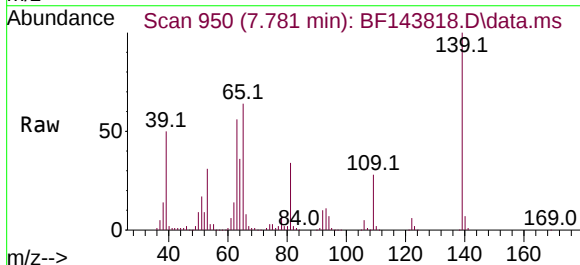
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

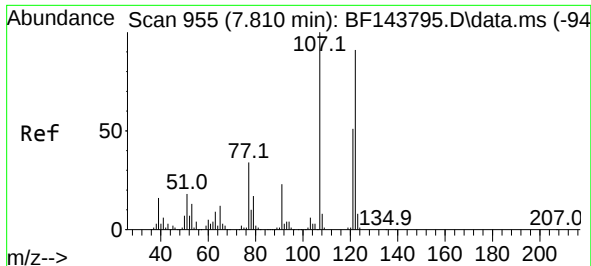
Tgt Ion: 82 Resp: 762138
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.3 13.7 20.5



#26
2-Nitrophenol
Concen: 56.341 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 139 Resp: 194055
Ion Ratio Lower Upper
139 100
109 28.2 23.3 34.9
65 64.3 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 56.505 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

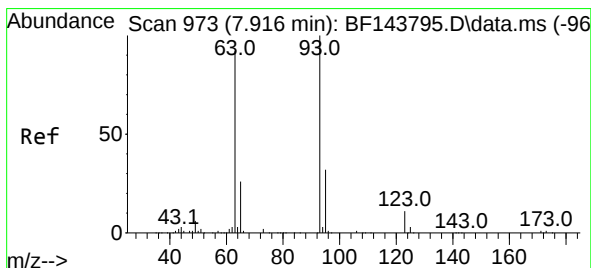
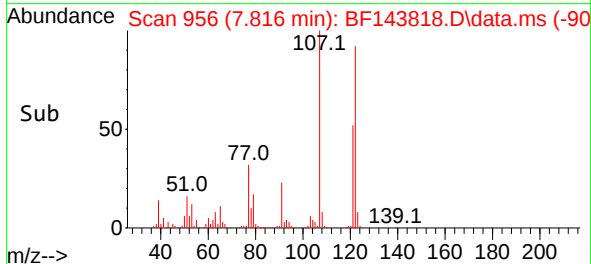
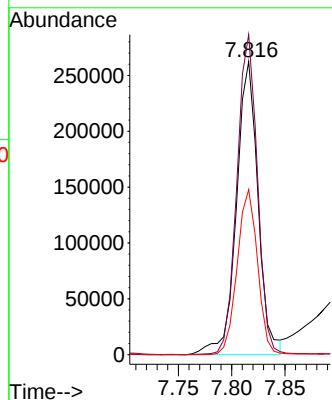
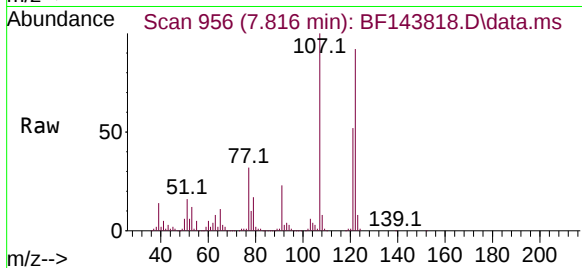
Tgt Ion:122 Resp: 369228

Ion Ratio Lower Upper

122 100

107 109.2 87.5 131.3

121 56.3 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.661 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

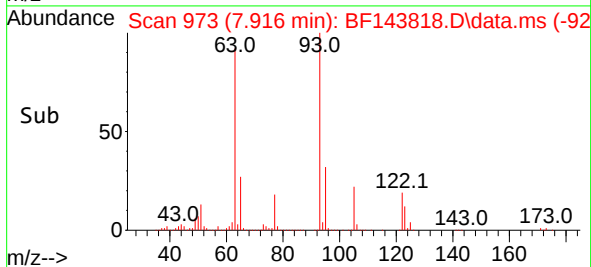
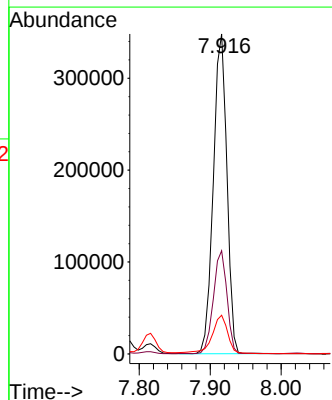
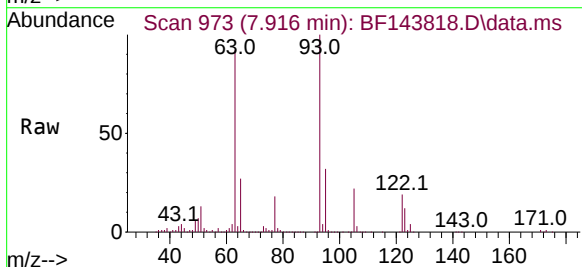
Tgt Ion: 93 Resp: 462198

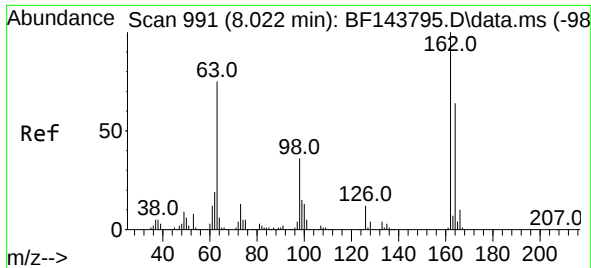
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 12.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.770 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

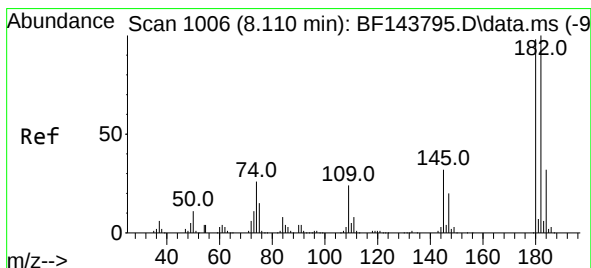
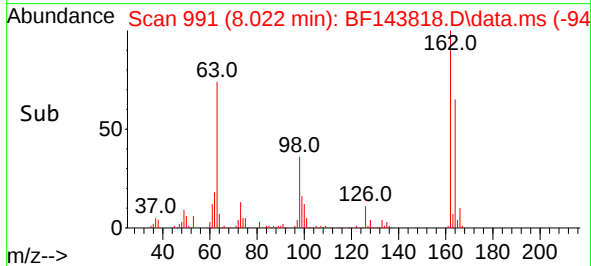
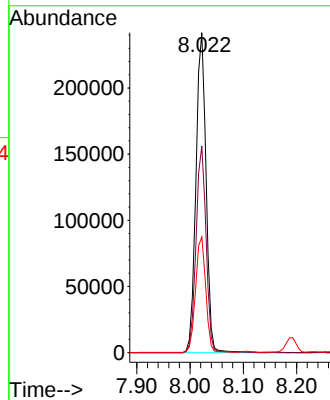
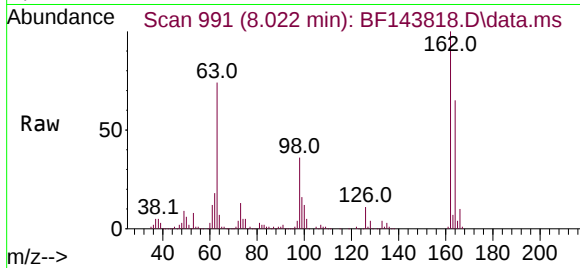
Tgt Ion:162 Resp: 320002

Ion Ratio Lower Upper

162 100

164 64.6 44.1 84.1

98 36.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 51.013 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

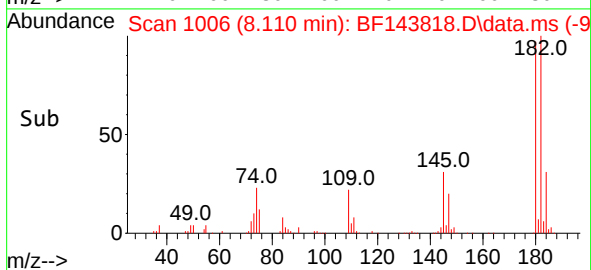
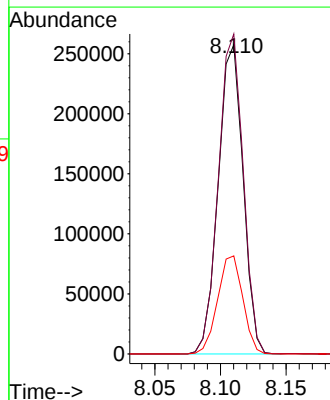
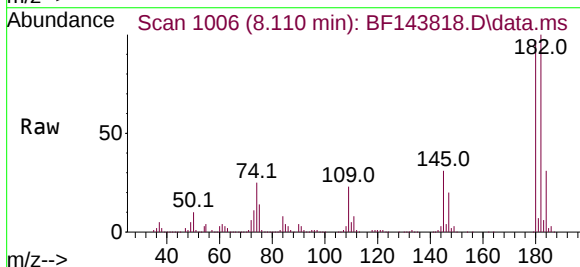
Tgt Ion:180 Resp: 340385

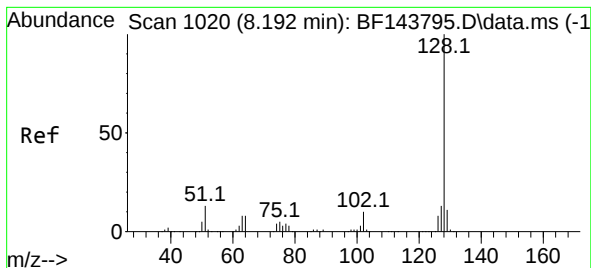
Ion Ratio Lower Upper

180 100

182 103.5 82.0 123.0

145 31.7 25.9 38.9





#31

Naphthalene

Concen: 47.833 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

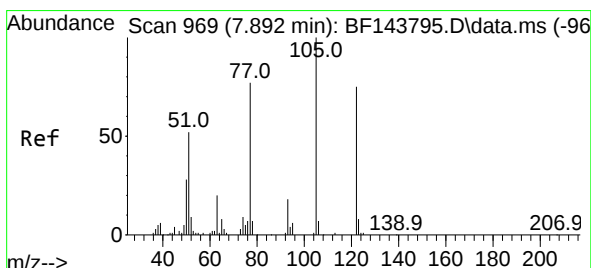
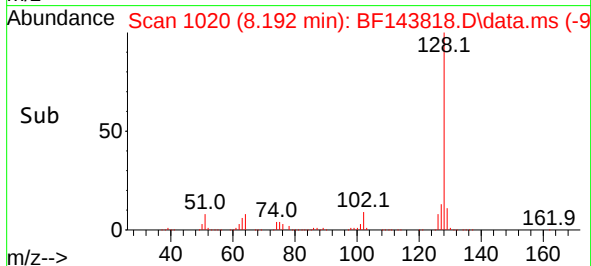
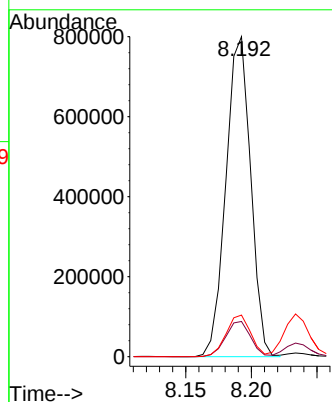
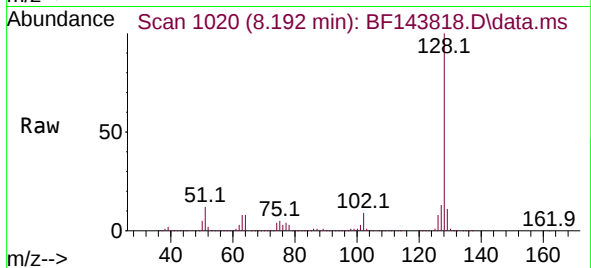
Tgt Ion:128 Resp: 1051563

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 73.059 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

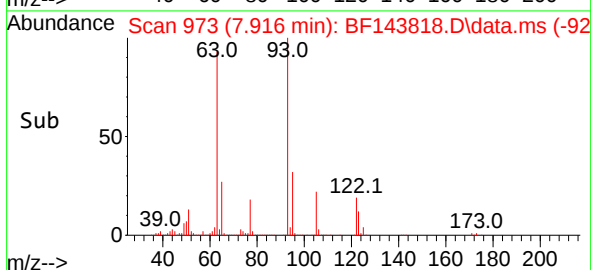
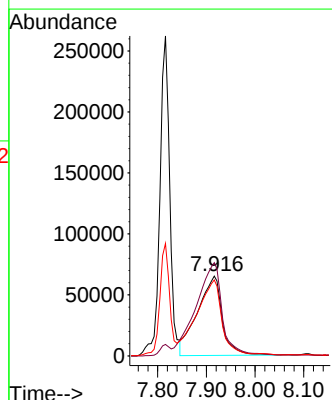
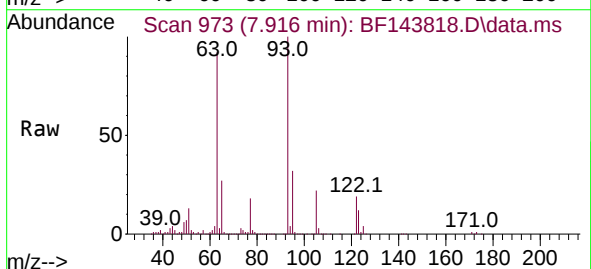
Tgt Ion:122 Resp: 230335

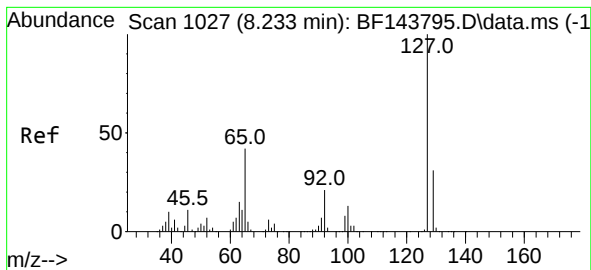
Ion Ratio Lower Upper

122 100

105 117.0 103.7 143.7

77 95.3 78.8 118.8





#33

4-Chloroaniline

Concen: 18.836 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

Tgt Ion:127 Resp: 145520

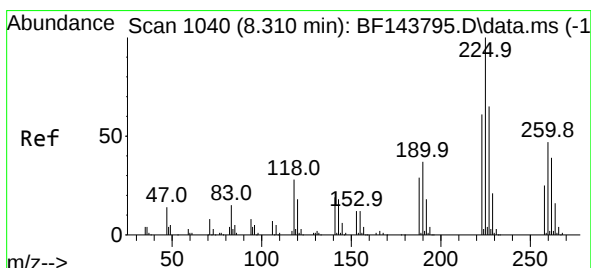
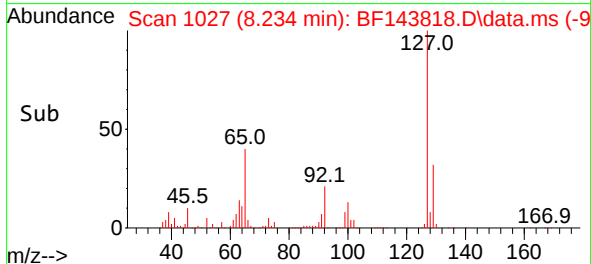
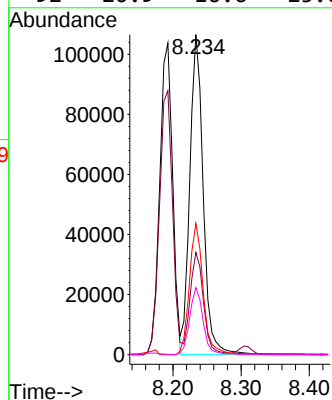
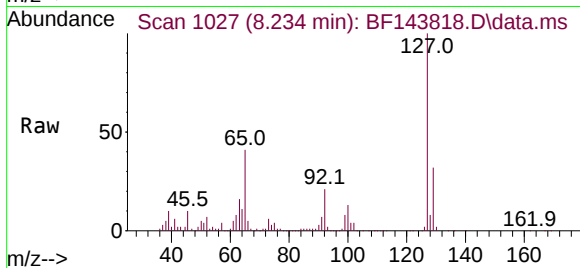
Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.2

65 41.0 33.4 50.2

92 20.9 16.6 25.0



#34

Hexachlorobutadiene

Concen: 47.684 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

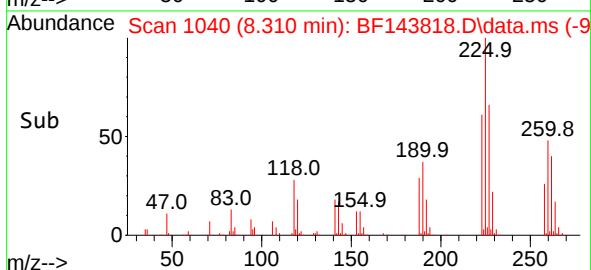
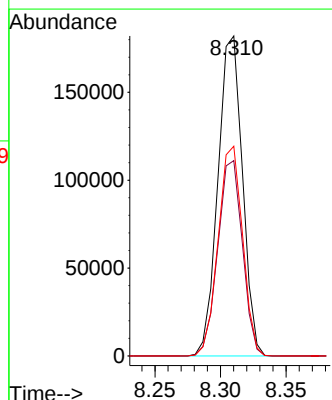
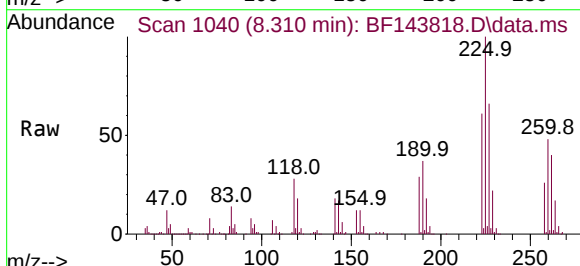
Tgt Ion:225 Resp: 237191

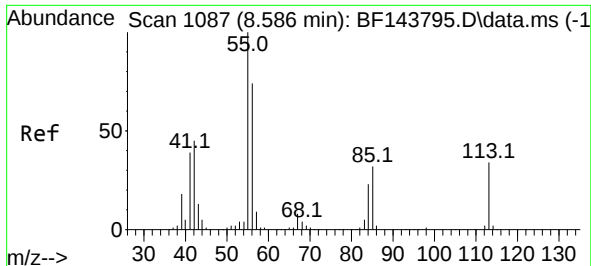
Ion Ratio Lower Upper

225 100

223 61.1 48.6 72.8

227 65.5 51.9 77.9

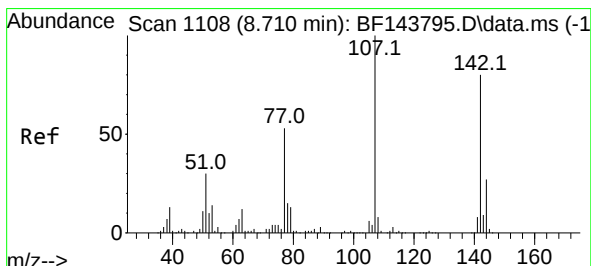
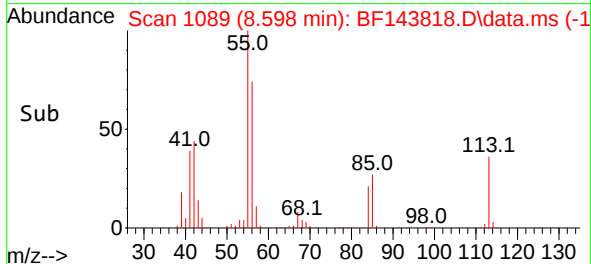
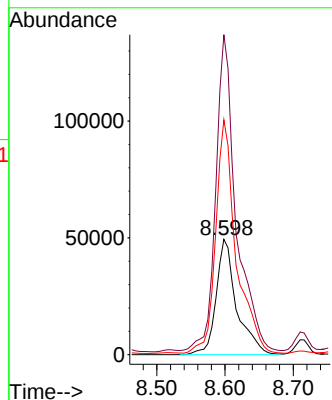
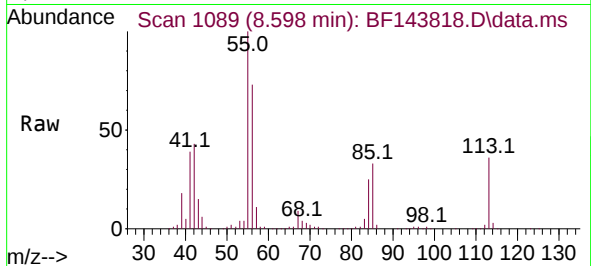




#35
 Caprolactam
 Concen: 62.522 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.012 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

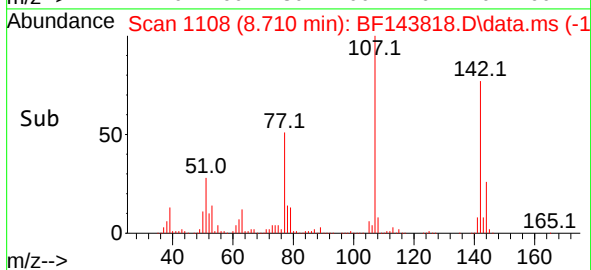
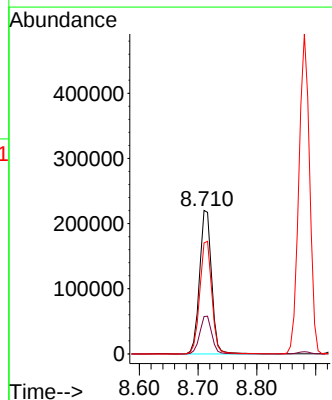
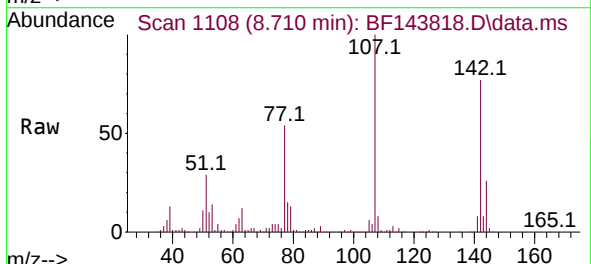
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

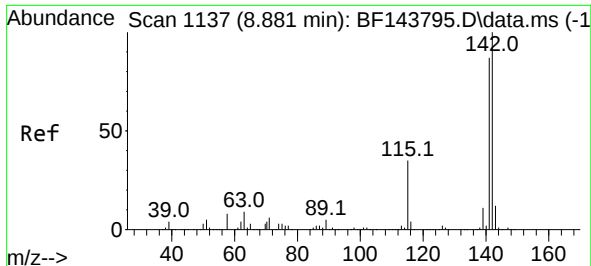
Tgt Ion:113 Resp: 102749
 Ion Ratio Lower Upper
 113 100
 55 277.5 271.7 311.7
 56 203.5 194.5 234.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.924 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Tgt Ion:107 Resp: 313113
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.8 32.8
 142 77.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.341 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

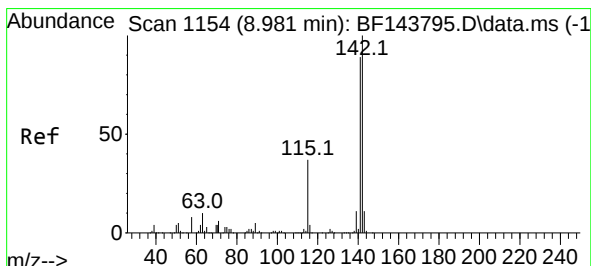
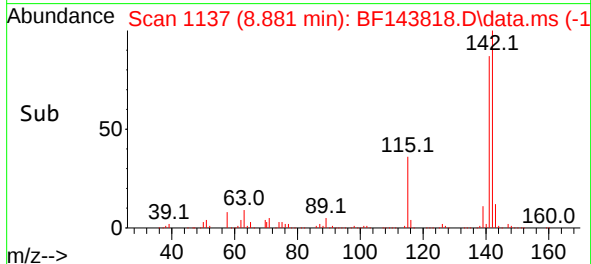
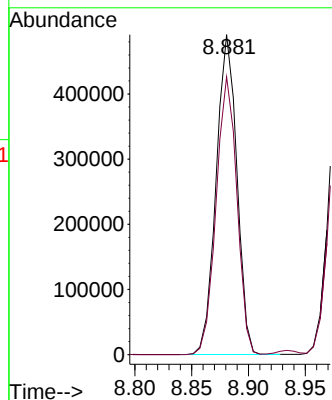
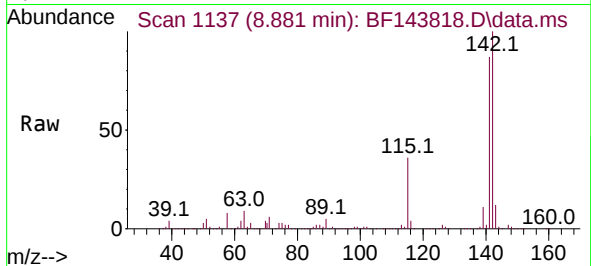
EME-TS14-01MSD

Tgt Ion:142 Resp: 621572

Ion Ratio Lower Upper

142 100

141 86.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 47.129 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143818.D

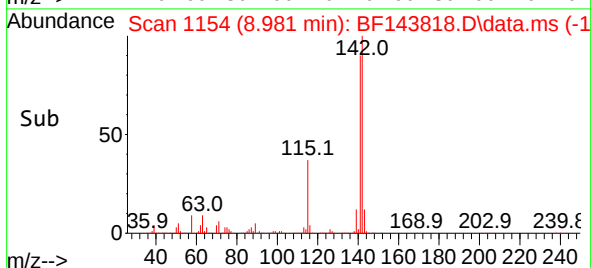
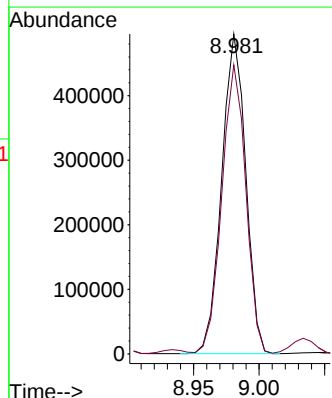
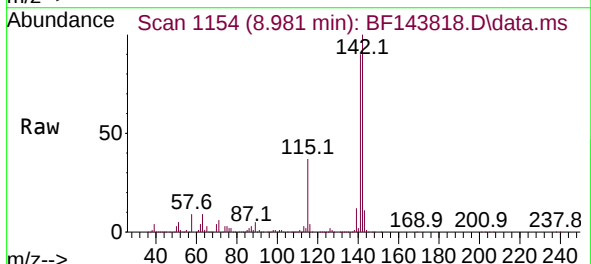
Acq: 25 Sep 2025 22:20

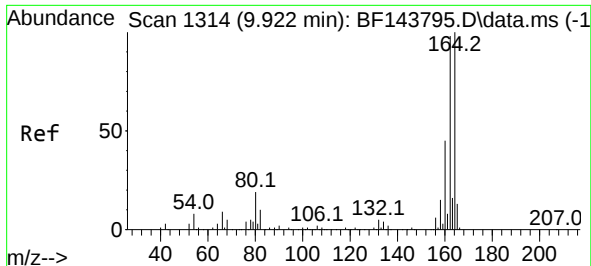
Tgt Ion:142 Resp: 632349

Ion Ratio Lower Upper

142 100

141 90.3 71.1 106.7

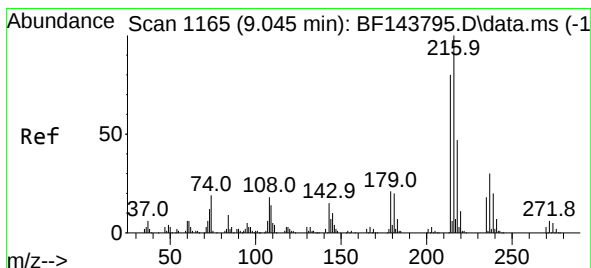
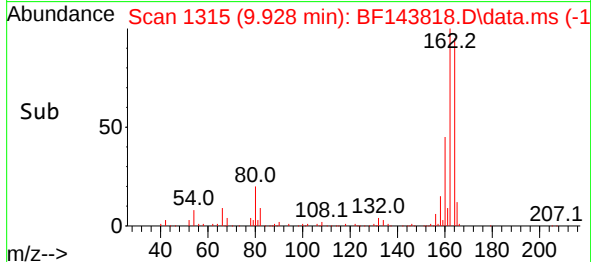
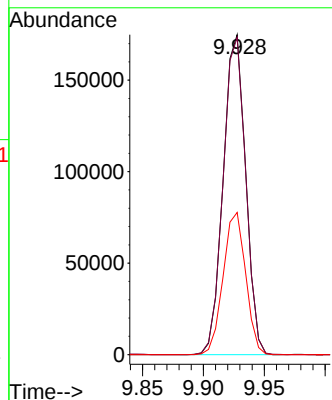
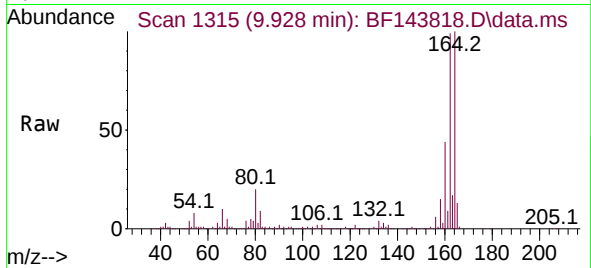




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

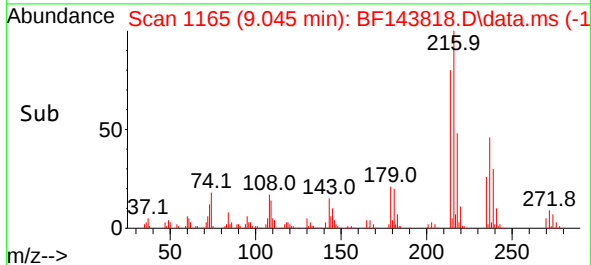
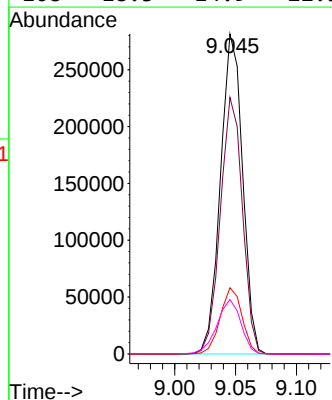
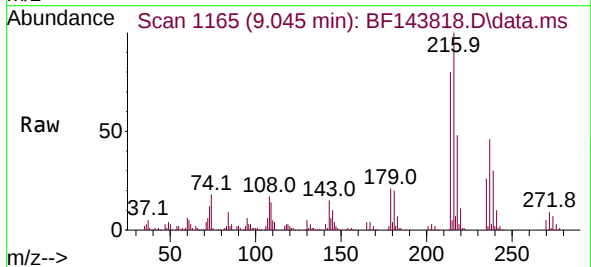
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

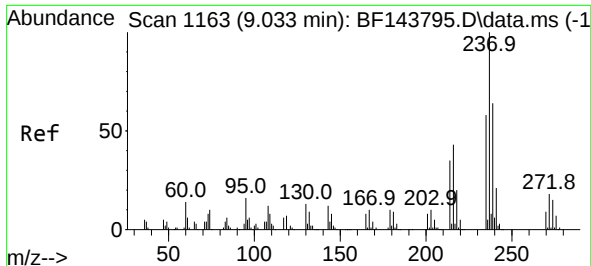
Tgt Ion:164 Resp: 224210
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 44.4 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.694 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:216 Resp: 356539
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 20.4 16.5 24.7
108 18.3 14.9 22.3

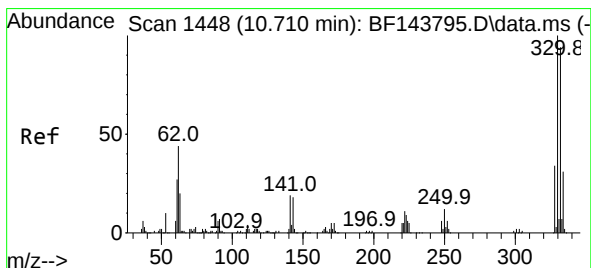
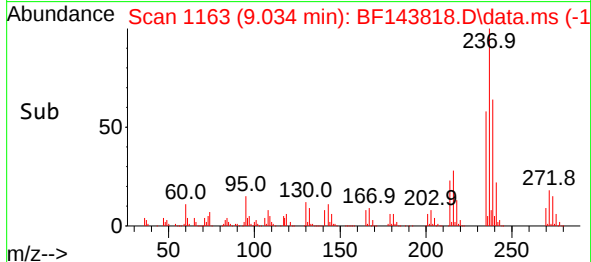
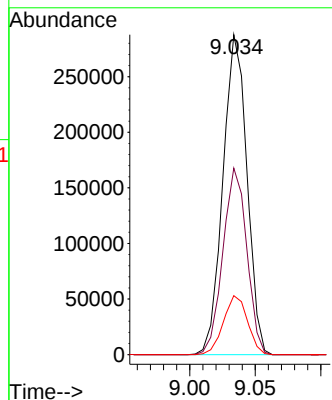
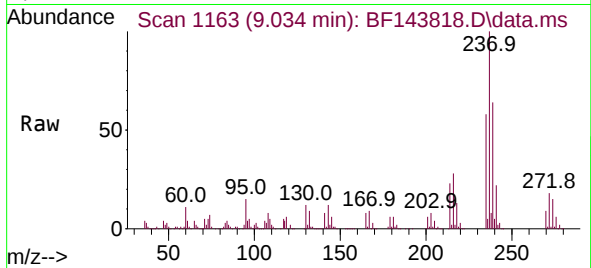




#41
Hexachlorocyclopentadiene
Concen: 85.631 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

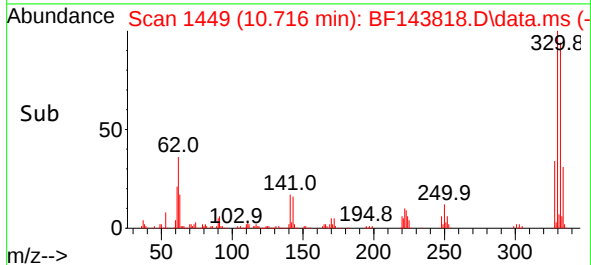
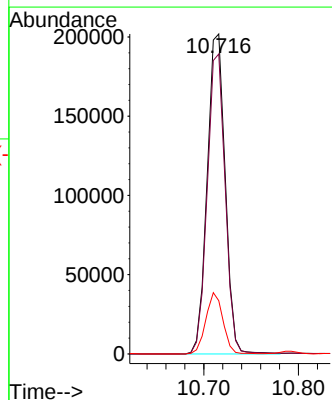
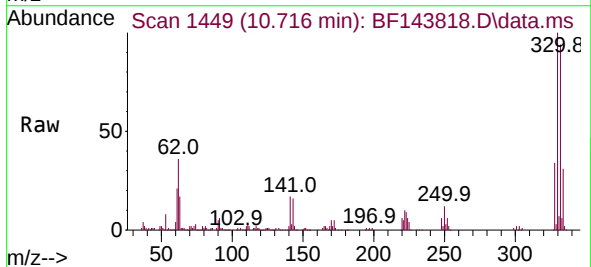
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

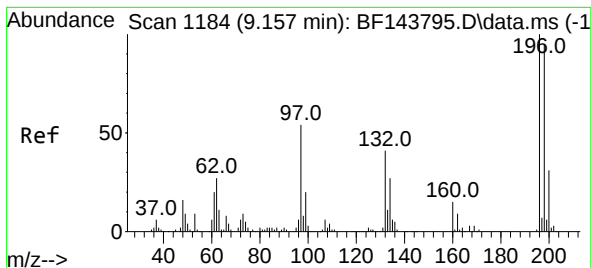
Tgt Ion: 237 Resp: 367206
Ion Ratio Lower Upper
237 100
235 58.3 38.1 78.1
272 18.4 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 80.479 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 330 Resp: 267172
Ion Ratio Lower Upper
330 100
332 93.6 74.7 112.1
141 18.2 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 53.427 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

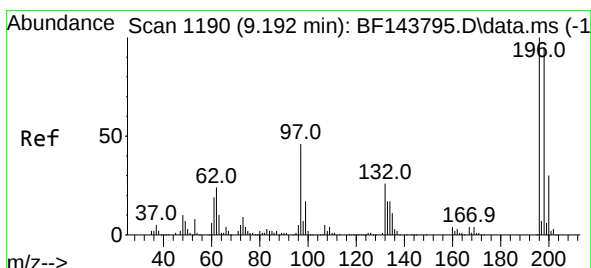
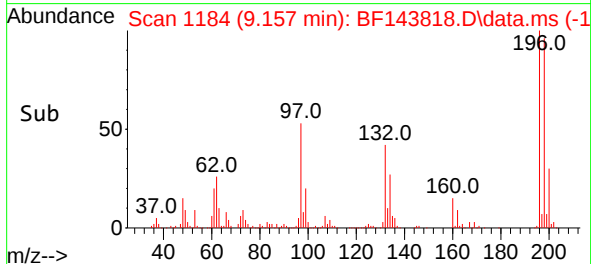
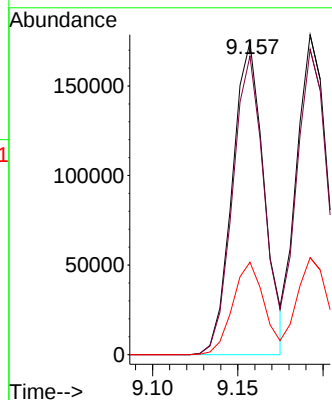
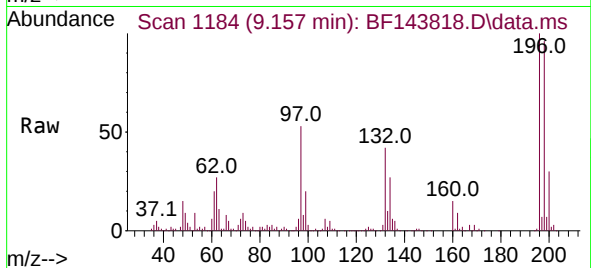
Tgt Ion:196 Resp: 226360

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.2

200 29.6 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 50.763 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Tgt Ion:196 Resp: 224962

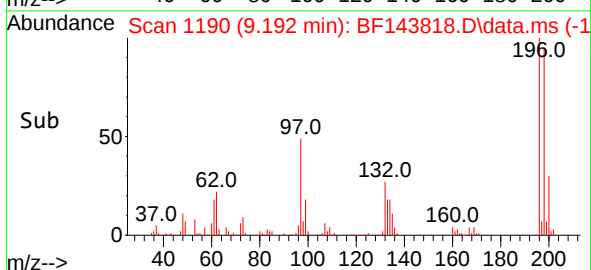
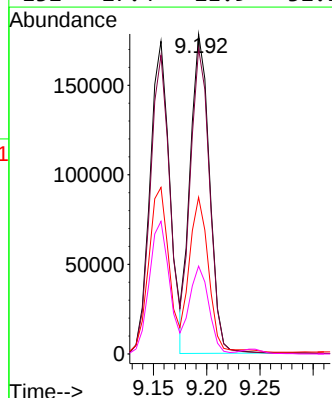
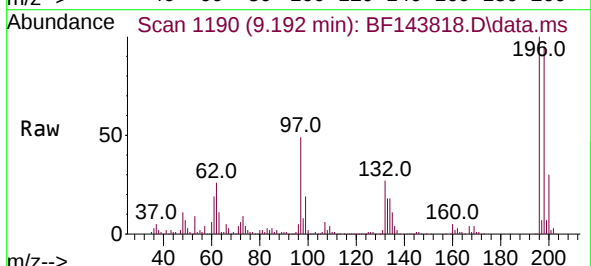
Ion Ratio Lower Upper

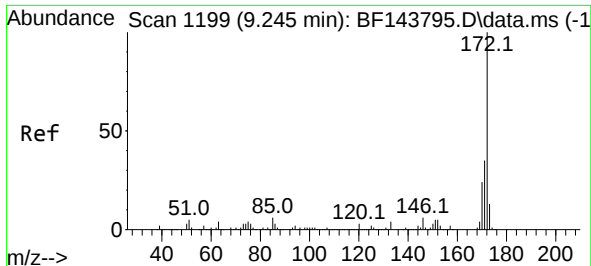
196 100

198 95.5 75.9 113.9

97 48.9 38.3 57.5

132 27.4 21.9 32.9

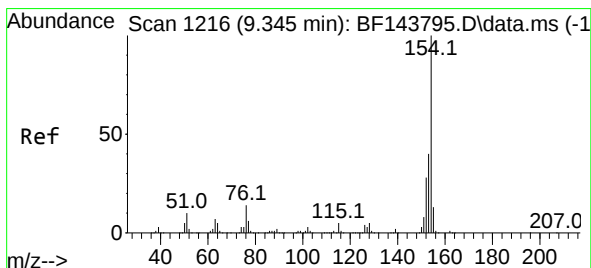
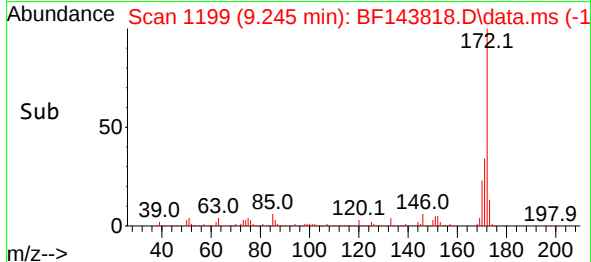
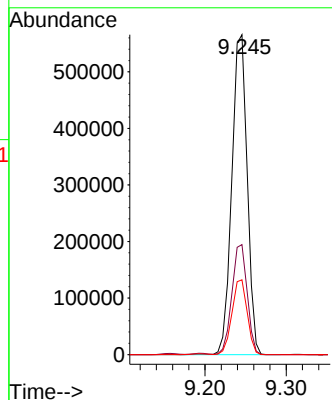
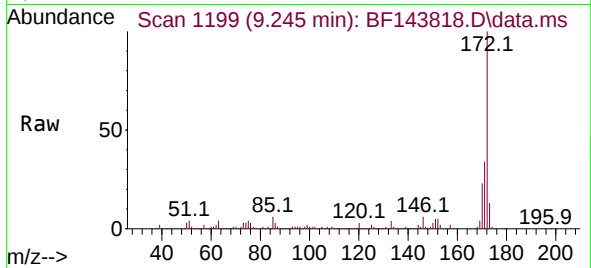




#45
2-Fluorobiphenyl
Concen: 51.871 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

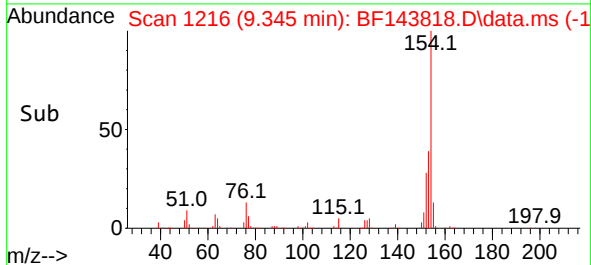
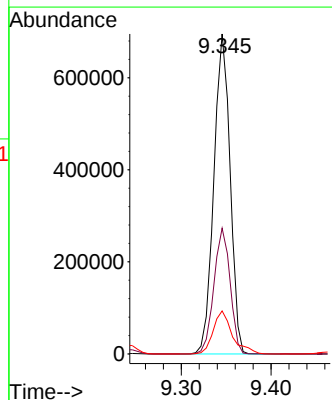
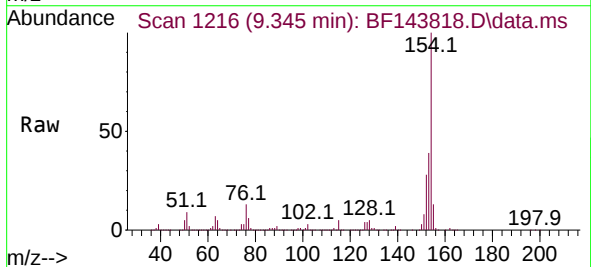
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

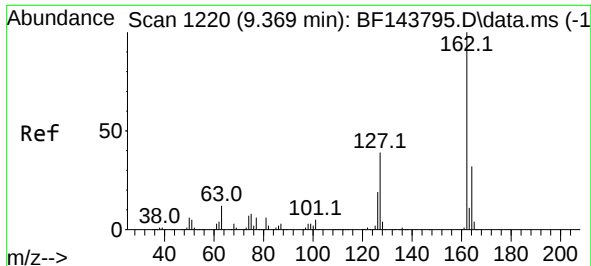
Tgt Ion:172 Resp: 745279
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 53.810 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:154 Resp: 873337
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 13.4 0.0 33.8

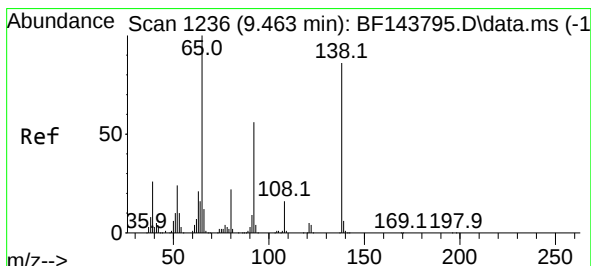
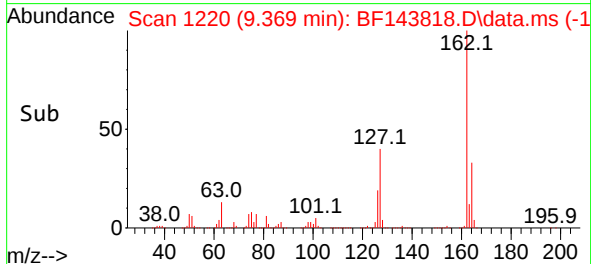
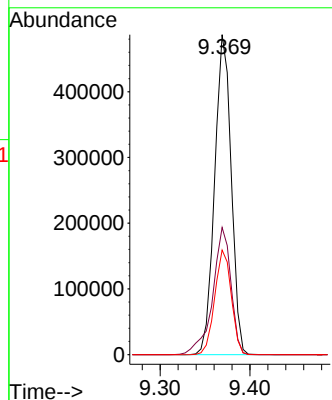
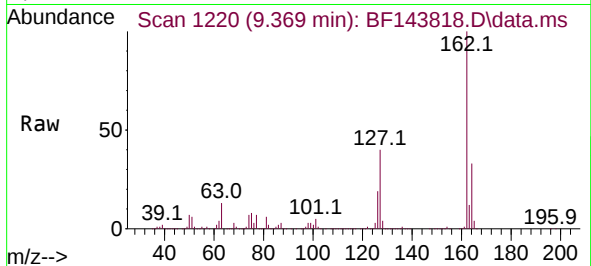




#47
2-Chloronaphthalene
Concen: 48.050 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

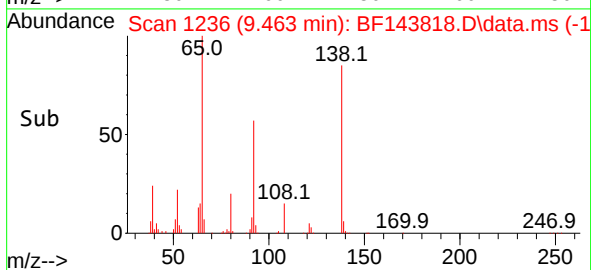
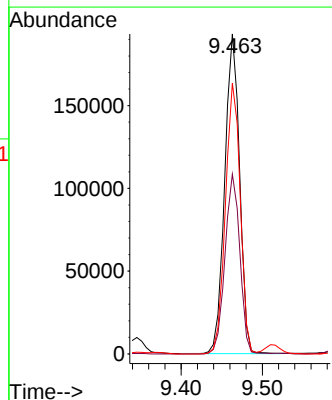
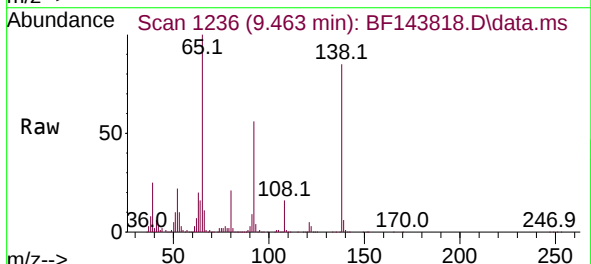
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

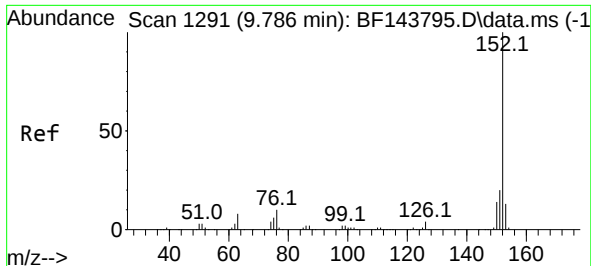
Tgt Ion:162 Resp: 627741
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 32.7 25.9 38.9



#48
2-Nitroaniline
Concen: 61.899 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion: 65 Resp: 244411
Ion Ratio Lower Upper
65 100
92 56.2 44.9 67.3
138 84.6 69.0 103.4





#49

Acenaphthylene

Concen: 55.772 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

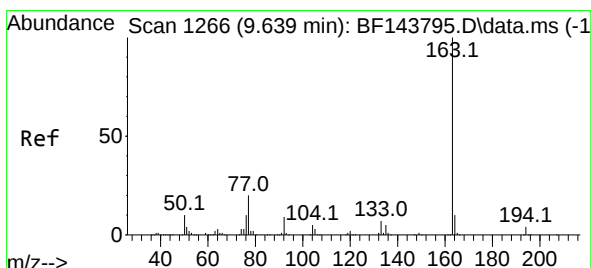
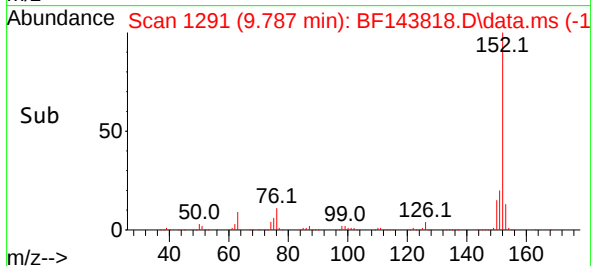
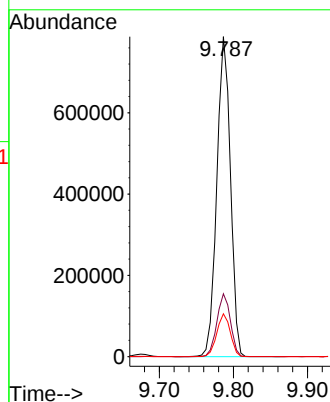
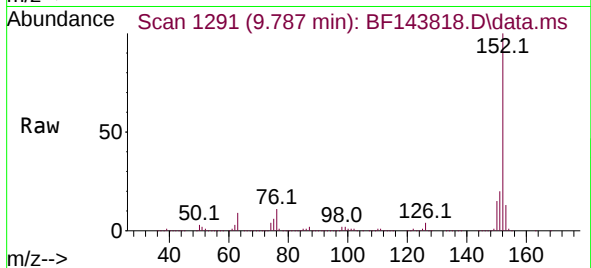
Tgt Ion:152 Resp: 1003047

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 53.262 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

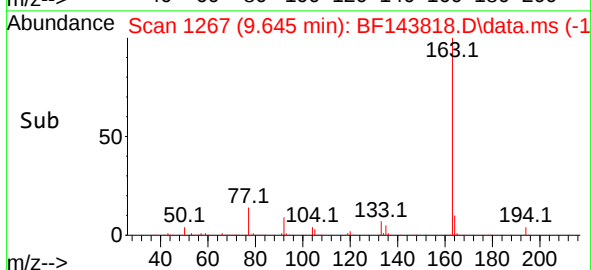
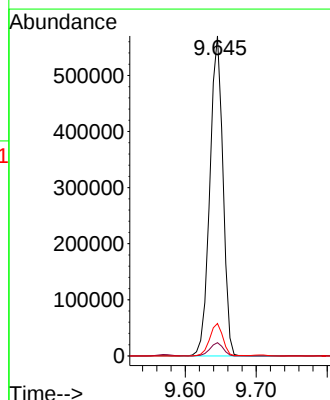
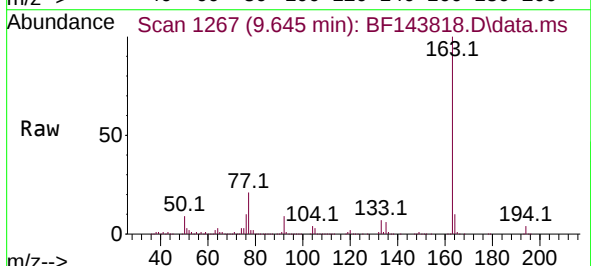
Tgt Ion:163 Resp: 727859

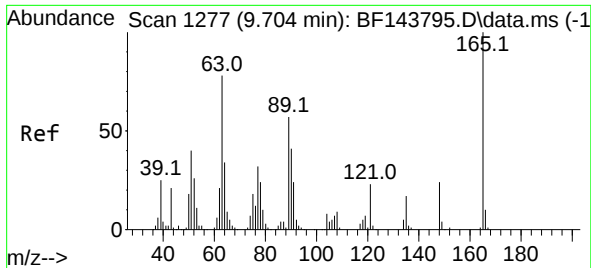
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

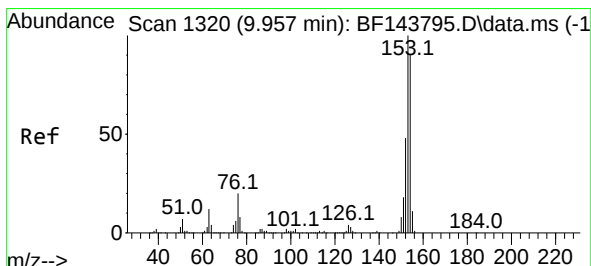
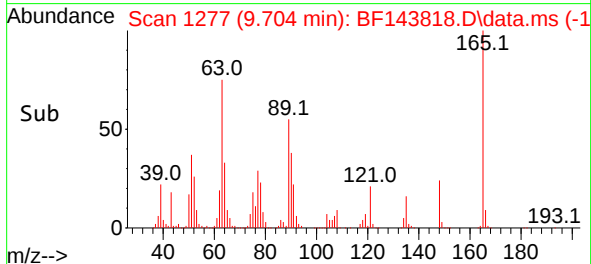
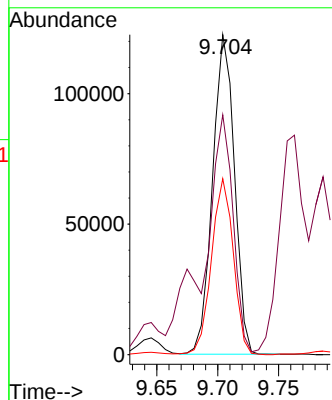
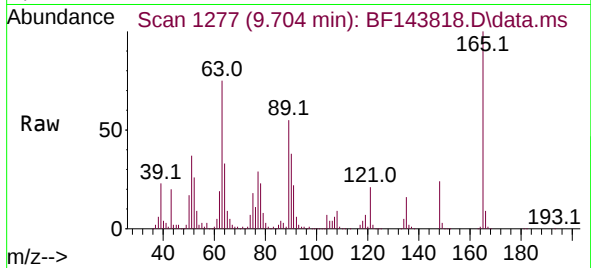




#51
2,6-Dinitrotoluene
Concen: 67.944 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

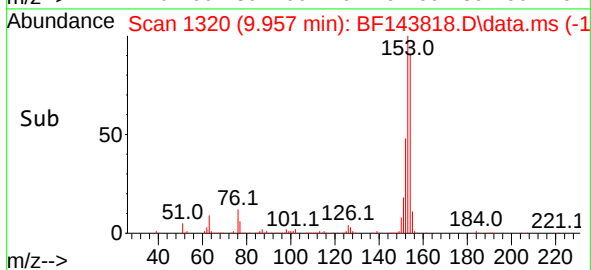
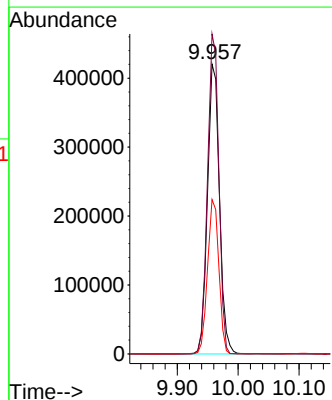
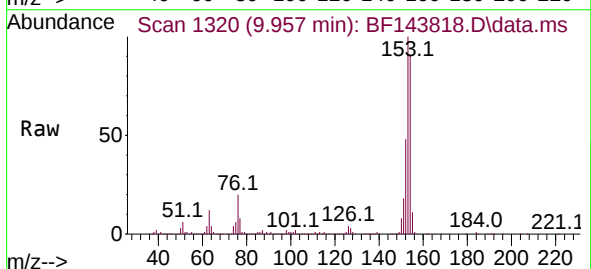
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

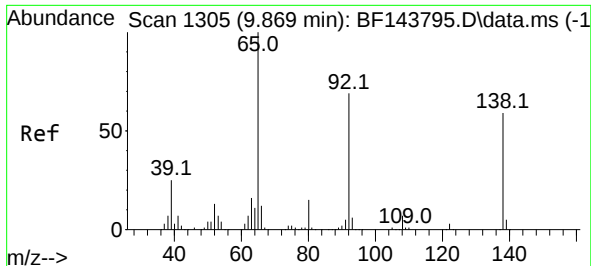
Tgt Ion:165 Resp: 152551
Ion Ratio Lower Upper
165 100
63 74.9 62.6 94.0
89 55.0 45.2 67.8



#52
Acenaphthene
Concen: 48.506 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:154 Resp: 574079
Ion Ratio Lower Upper
154 100
153 110.5 88.7 133.1
152 53.3 42.7 64.1

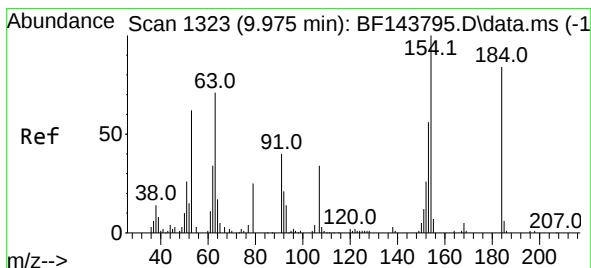
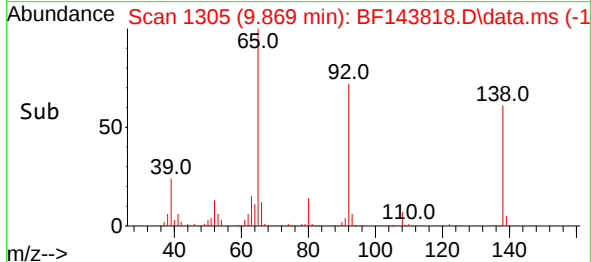
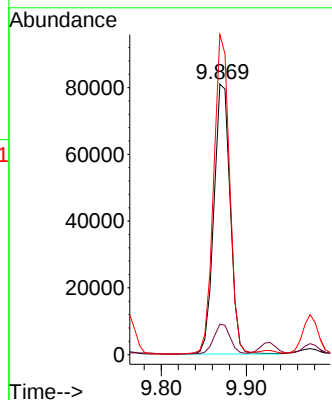
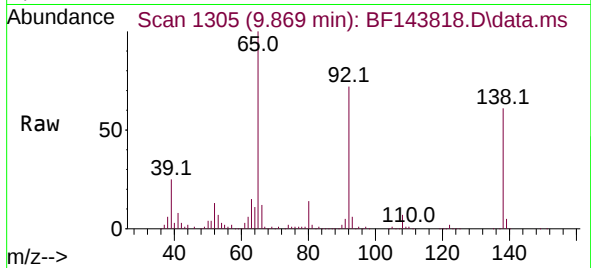




#53
3-Nitroaniline
Concen: 39.401 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

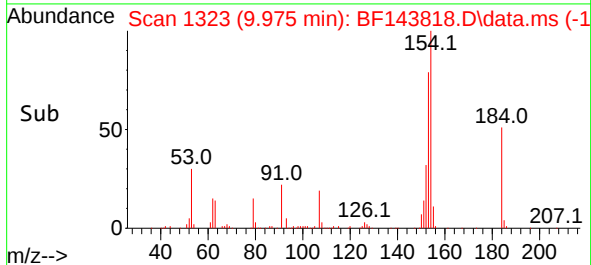
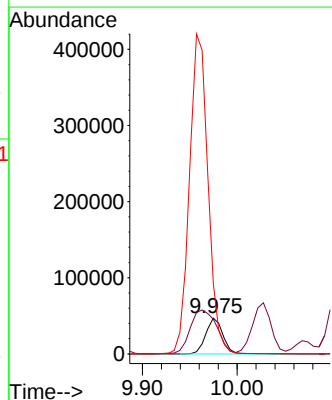
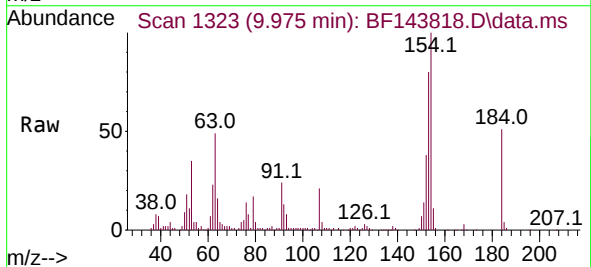
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

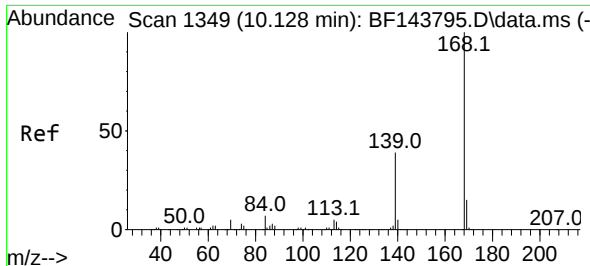
Tgt Ion:138 Resp: 107230
Ion Ratio Lower Upper
138 100
108 11.2 9.9 14.9
92 118.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 67.109 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:184 Resp: 58390
Ion Ratio Lower Upper
184 100
63 96.9 84.6 127.0
154 197.0 199.3 298.9#

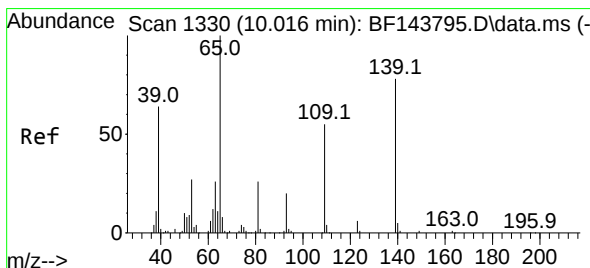
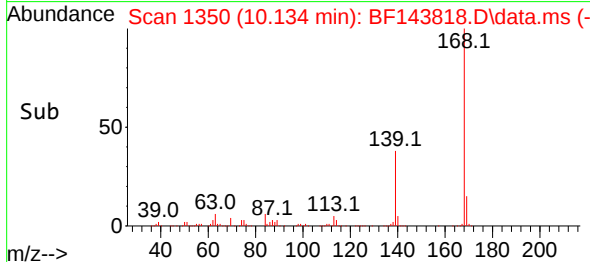
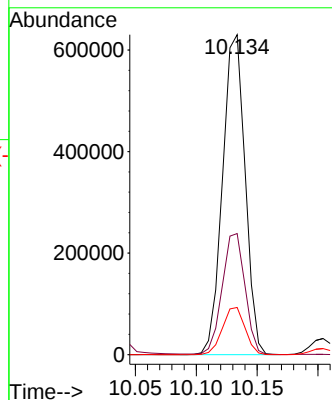
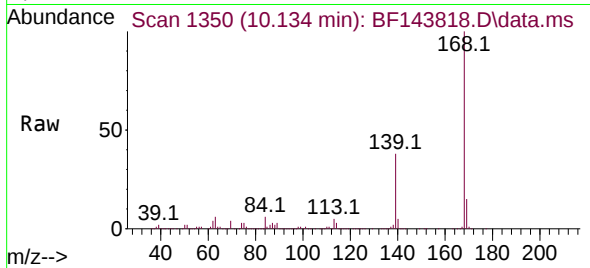




#55
Dibenzenofuran
Concen: 48.682 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

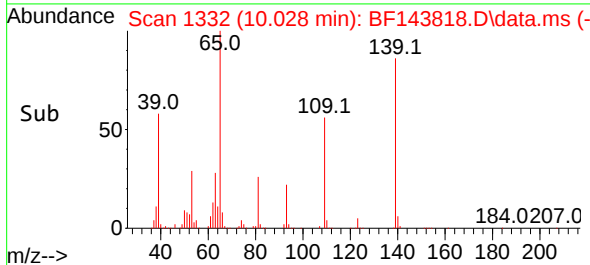
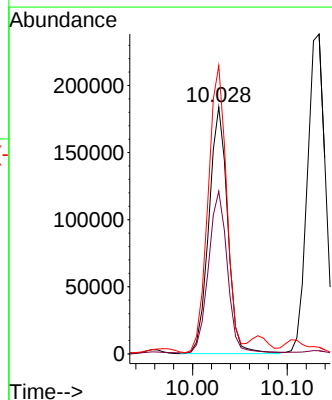
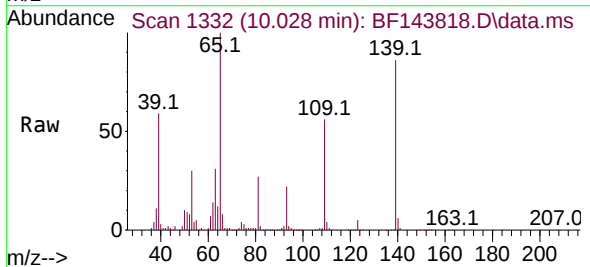
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

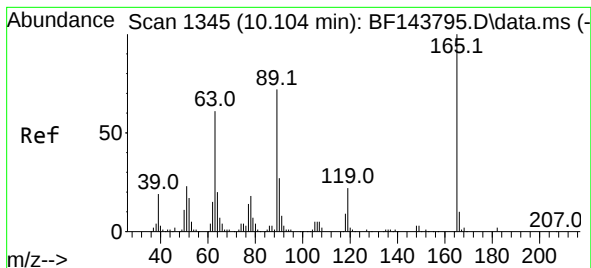
Tgt Ion:168 Resp: 814738
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 14.7 11.9 17.9



#56
4-Nitrophenol
Concen: 115.199 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:139 Resp: 252644
Ion Ratio Lower Upper
139 100
109 65.9 50.2 90.2
65 116.8 109.2 149.2

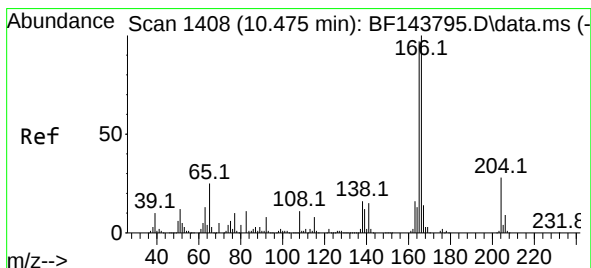
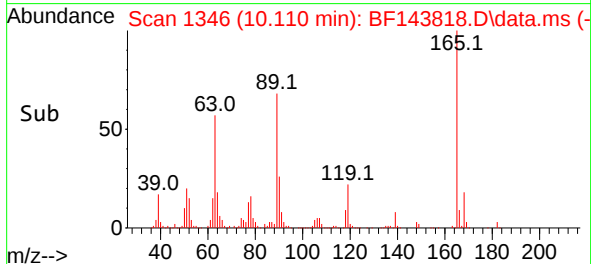
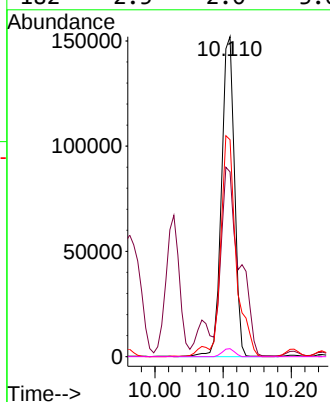
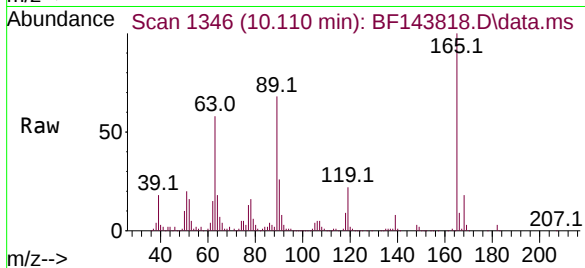




#57
2,4-Dinitrotoluene
Concen: 58.969 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

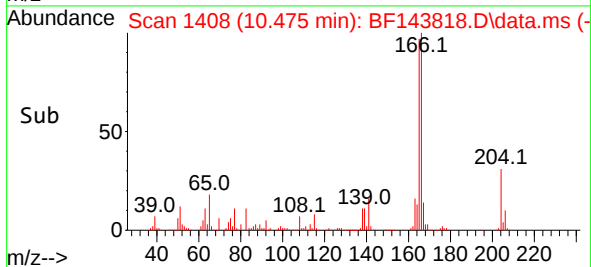
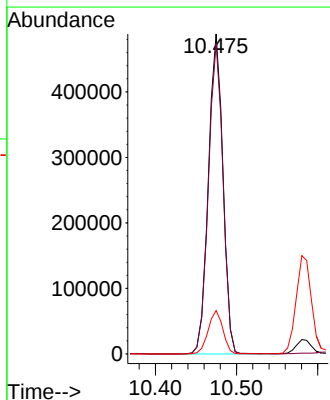
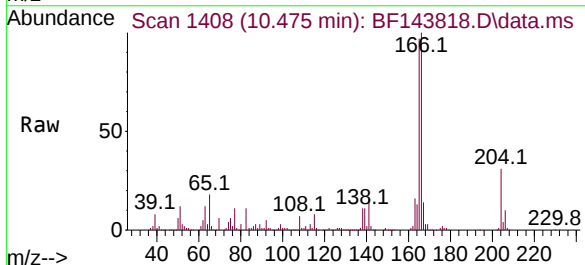
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

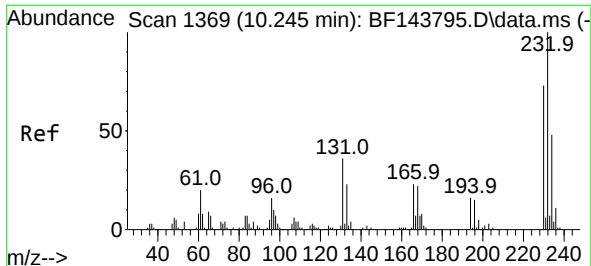
Tgt Ion:165 Resp: 198890
Ion Ratio Lower Upper
165 100
63 57.7 48.9 73.3
89 67.8 57.5 86.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 49.006 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:166 Resp: 609725
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.5 10.9 16.3

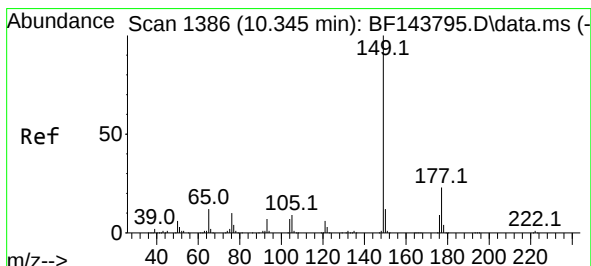
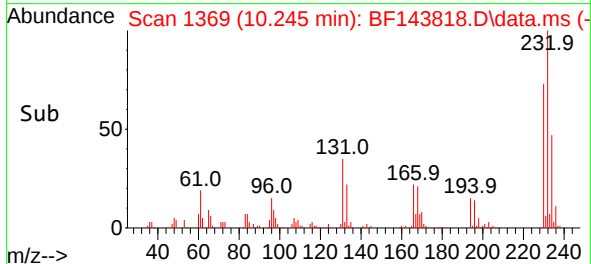
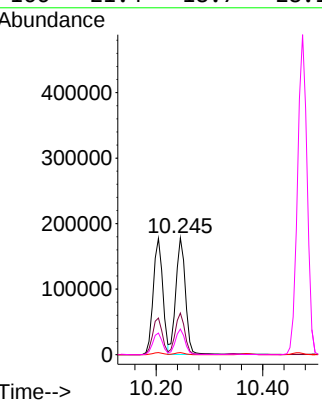
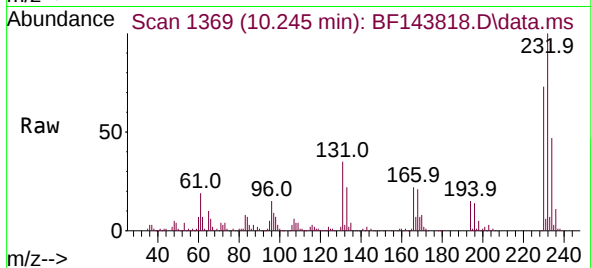




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.212 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

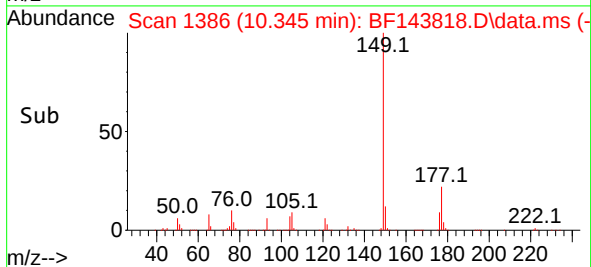
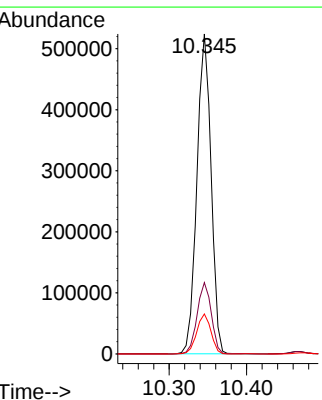
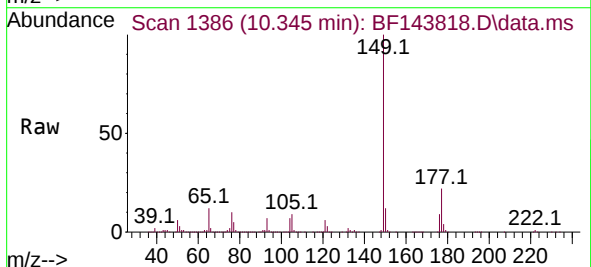
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

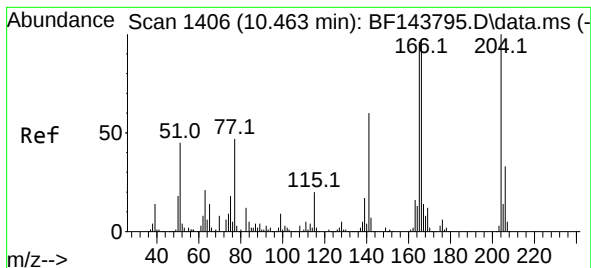
Tgt Ion:232 Resp: 224793
Ion Ratio Lower Upper
232 100
131 35.0 29.4 44.2
130 1.7 1.3 1.9
166 21.4 18.7 28.1



#60
Diethylphthalate
Concen: 51.844 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:149 Resp: 663203
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.5 9.7 14.5

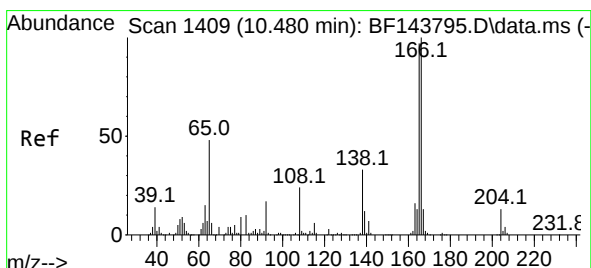
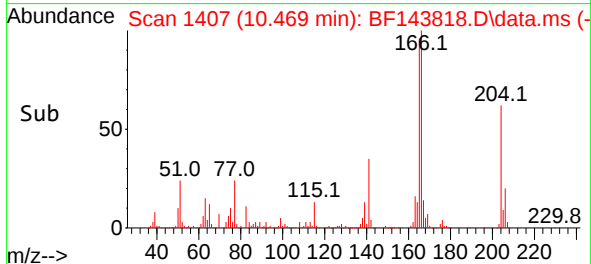
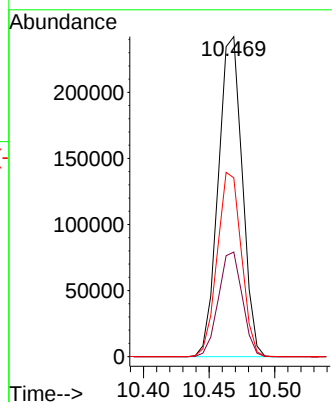
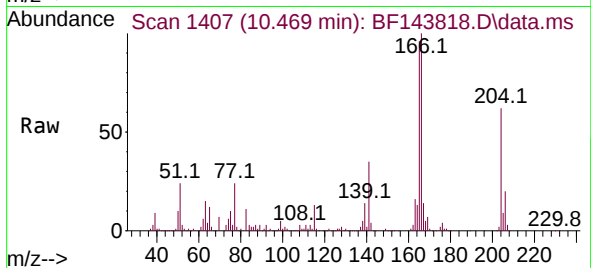




#61
4-Chlorophenyl-phenylether
Concen: 48.780 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

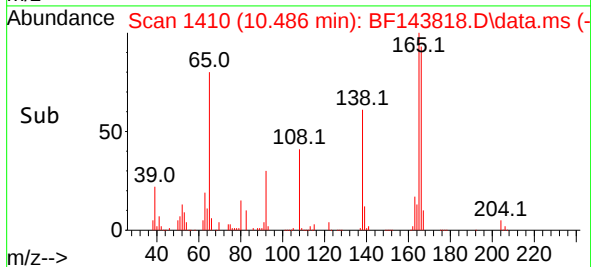
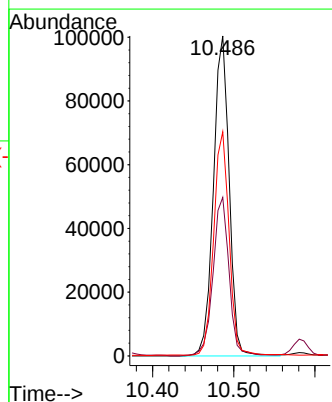
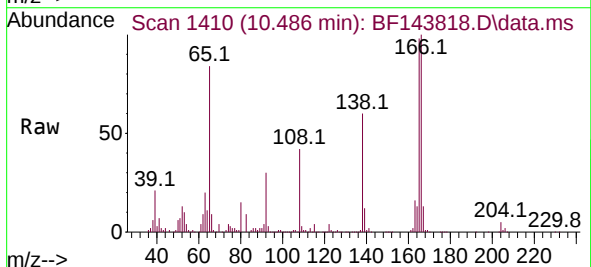
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

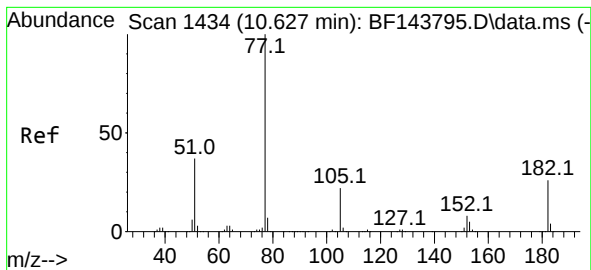
Tgt Ion:204 Resp: 309245
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 55.9 48.2 72.2



#62
4-Nitroaniline
Concen: 52.859 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:138 Resp: 135264
Ion Ratio Lower Upper
138 100
92 49.5 31.5 71.5
108 70.0 51.9 91.9

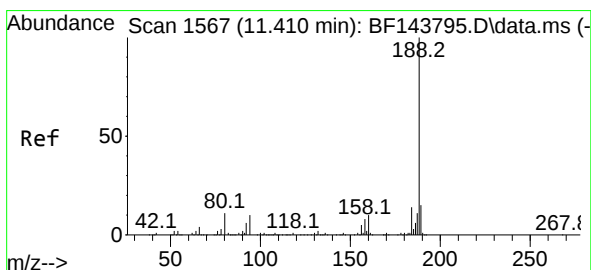
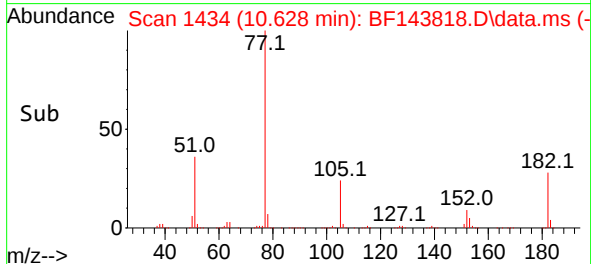
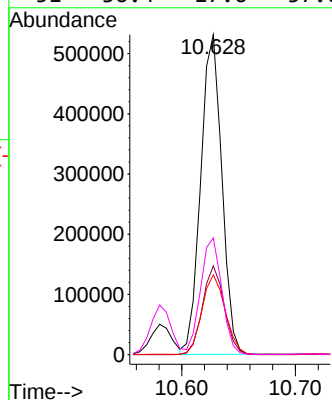
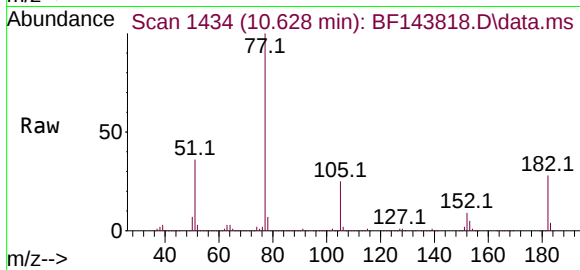




#63
 Azobenzene
 Concen: 50.885 ng
 RT: 10.628 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

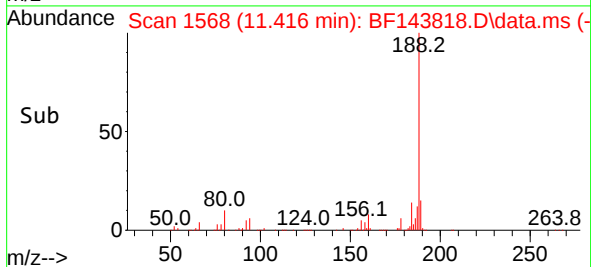
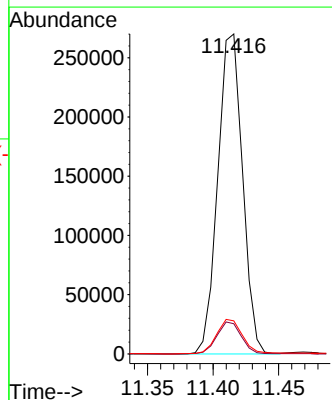
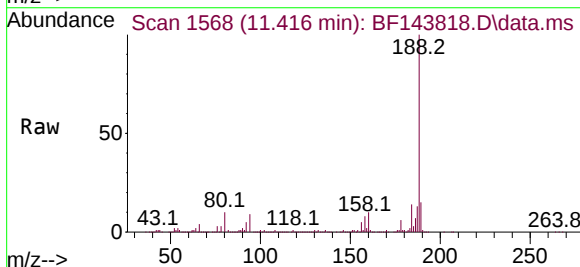
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

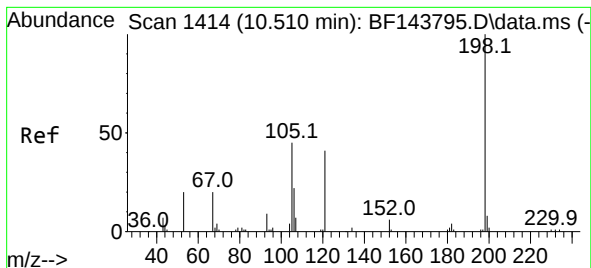
Tgt Ion: 77 Resp: 686022
 Ion Ratio Lower Upper
 77 100
 182 27.7 5.9 45.9
 105 24.9 2.3 42.3
 51 36.4 17.6 57.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.416 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Tgt Ion: 188 Resp: 355718
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.2 12.2
 80 10.3 8.6 12.8

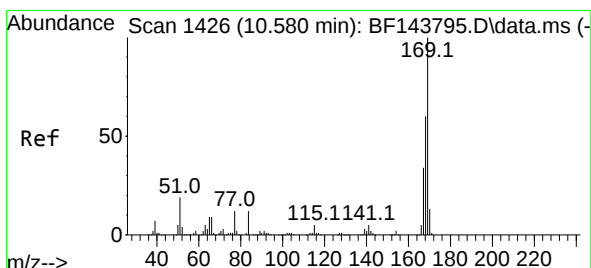
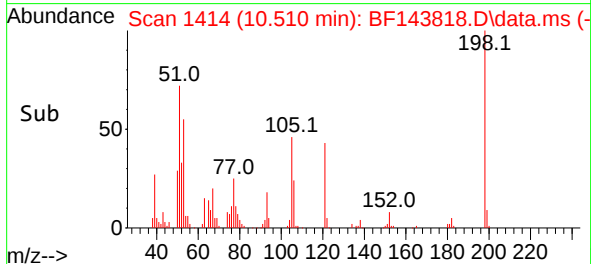
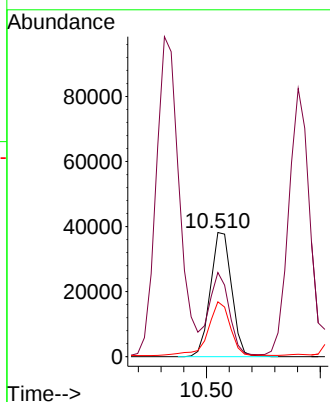
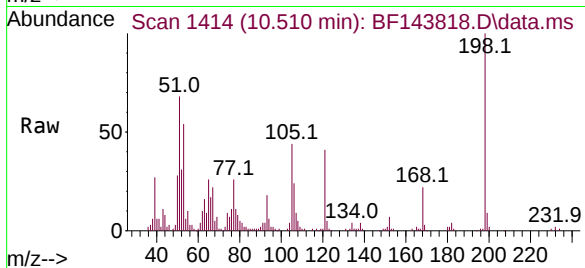




#65
4,6-Dinitro-2-methylphenol
Concen: 40.135 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

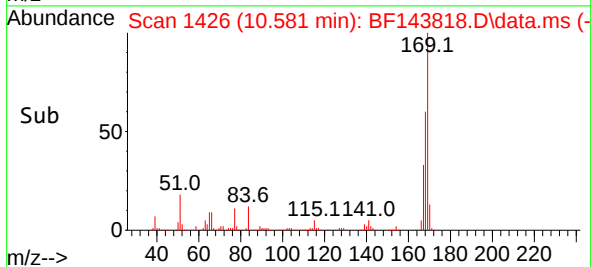
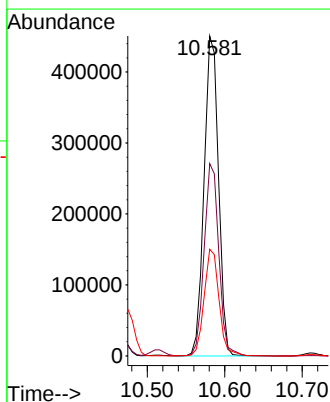
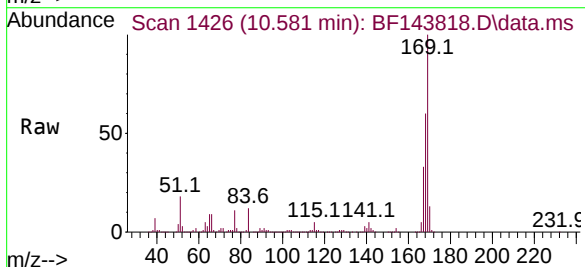
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

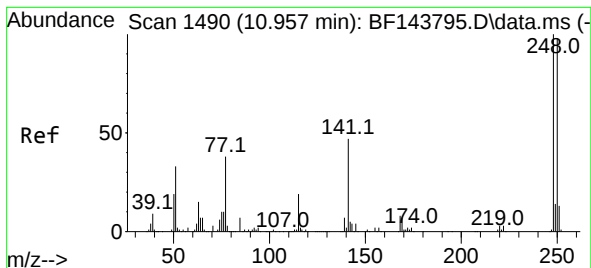
Tgt Ion:198 Resp: 49470
Ion Ratio Lower Upper
198 100
51 67.8 52.0 92.0
105 44.2 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 49.648 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:169 Resp: 580810
Ion Ratio Lower Upper
169 100
168 60.1 47.9 71.9
167 33.3 27.0 40.6

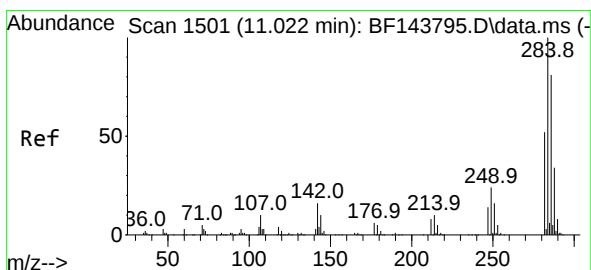
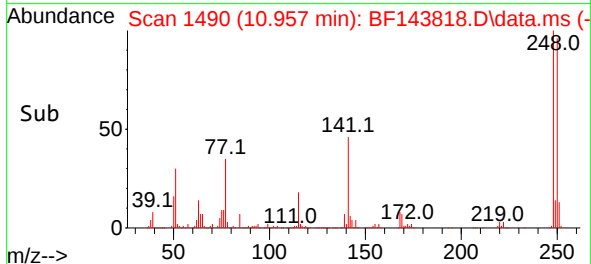
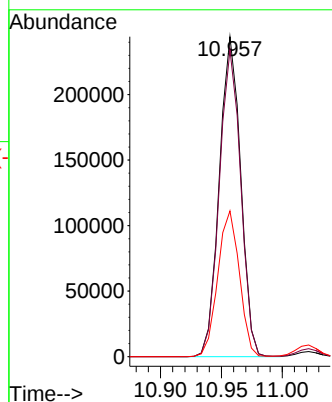
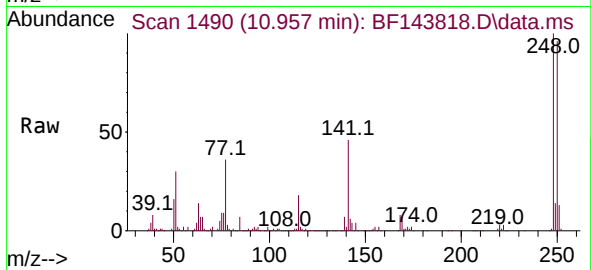




#67
4-Bromophenyl-phenylether
Concen: 49.115 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

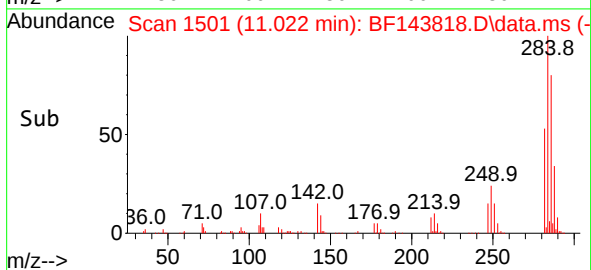
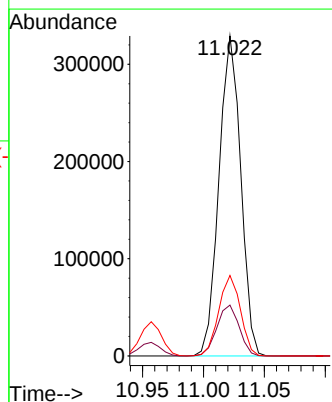
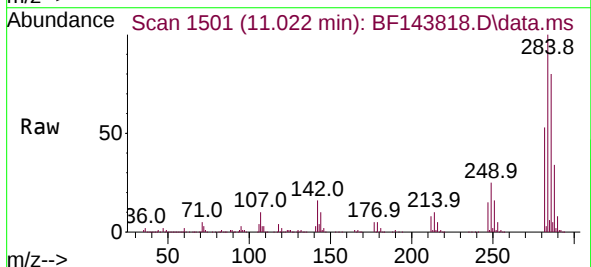
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

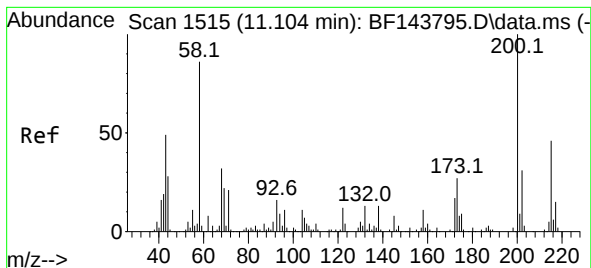
Tgt Ion:248 Resp: 297735
Ion Ratio Lower Upper
248 100
250 95.8 78.7 118.1
141 45.5 37.9 56.9



#68
Hexachlorobenzene
Concen: 48.889 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:284 Resp: 408424
Ion Ratio Lower Upper
284 100
142 15.9 13.1 19.7
249 25.1 19.5 29.3





#69

Atrazine

Concen: 53.765 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

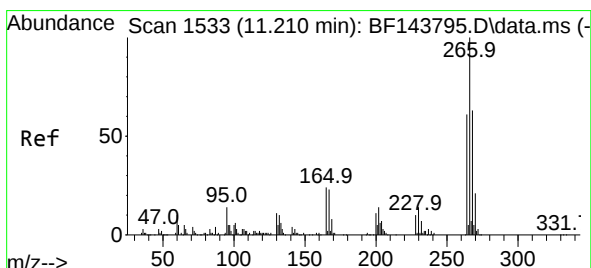
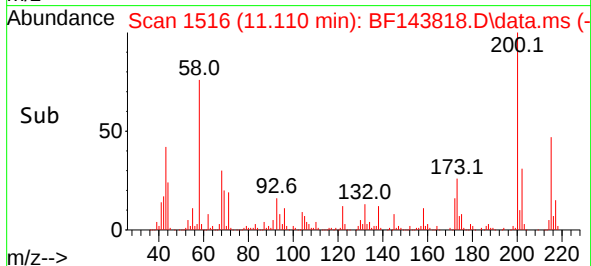
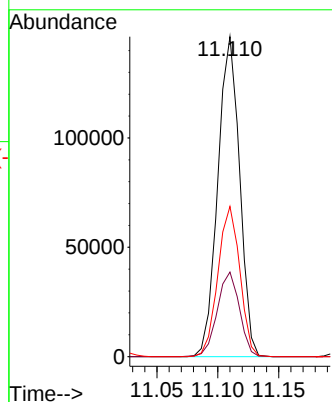
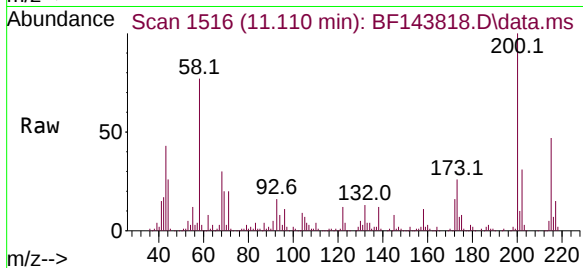
Tgt Ion:200 Resp: 182138

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

215 46.9 26.0 66.0



#70

Pentachlorophenol

Concen: 114.806 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

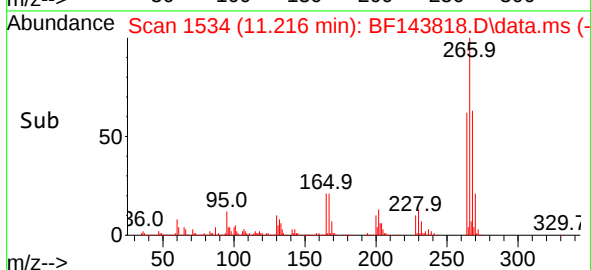
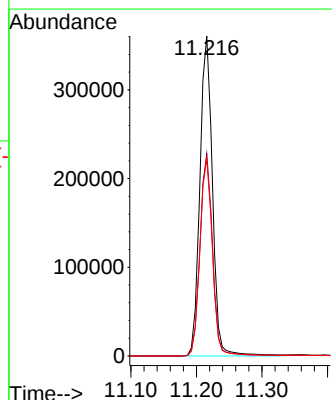
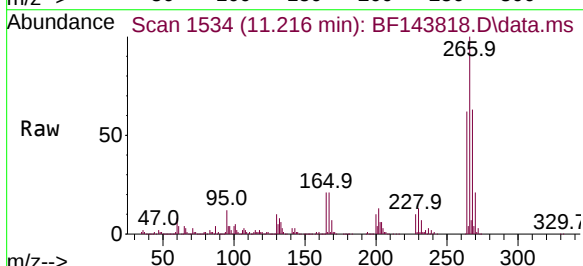
Tgt Ion:266 Resp: 477417

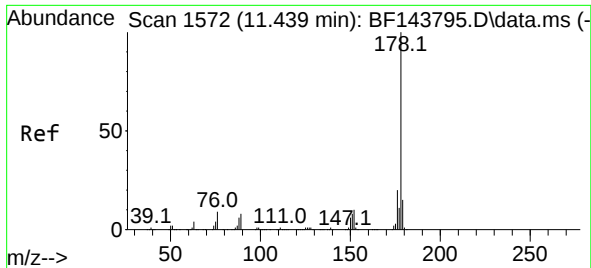
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 61.6 48.8 73.2

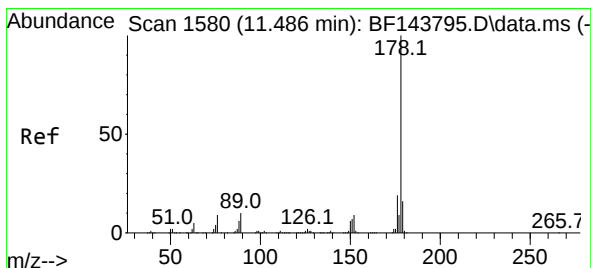
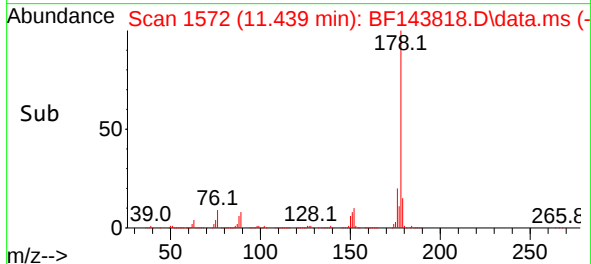
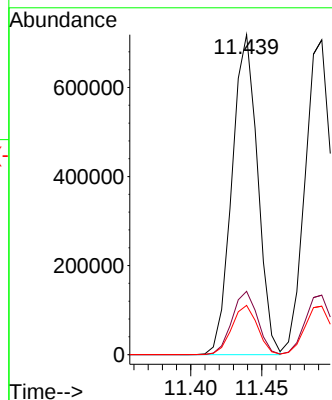
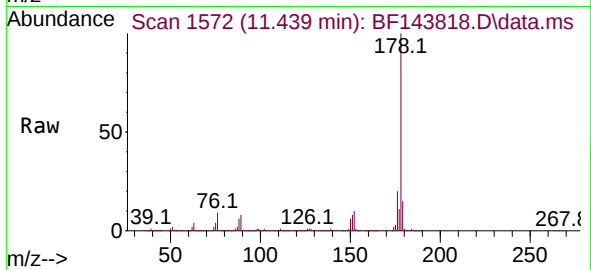




#71
Phenanthrene
Concen: 49.349 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

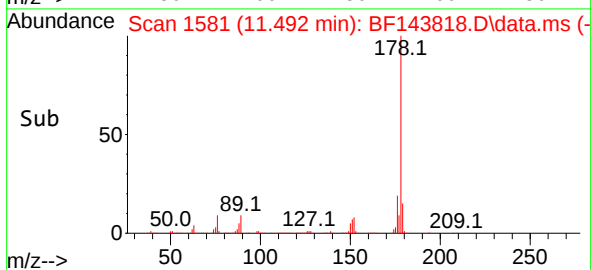
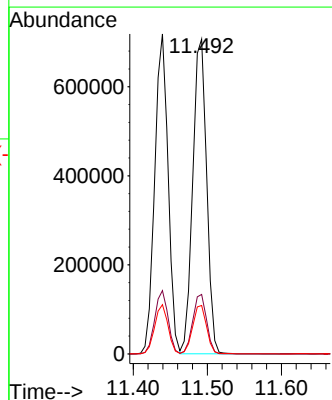
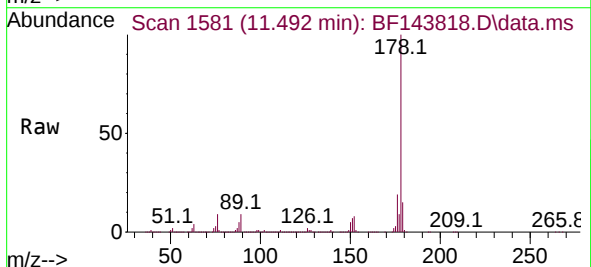
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

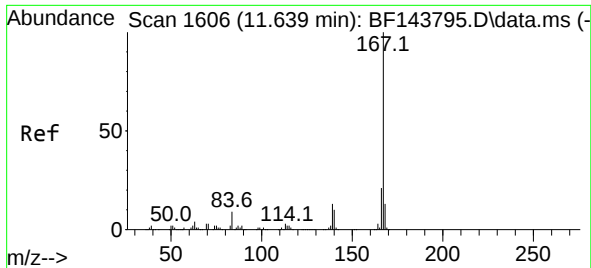
Tgt Ion:178 Resp: 901235
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.4 12.2 18.4



#72
Anthracene
Concen: 50.167 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:178 Resp: 918987
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.8 19.2

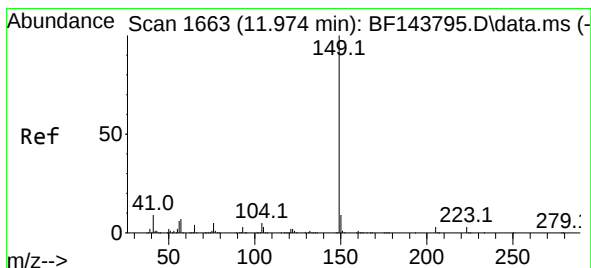
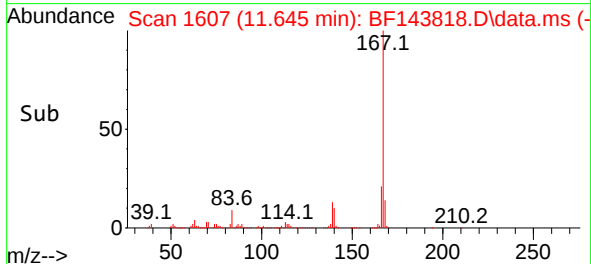
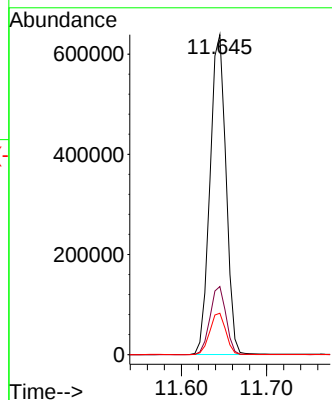
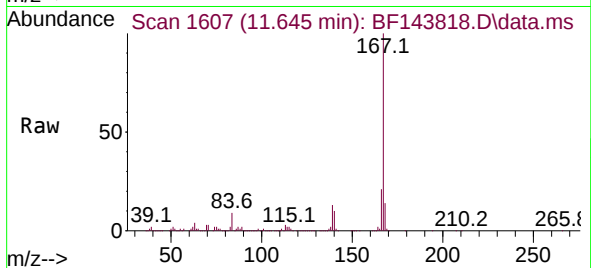




#73
Carbazole
Concen: 51.953 ng
RT: 11.645 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

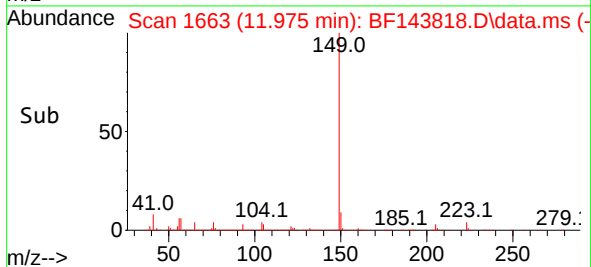
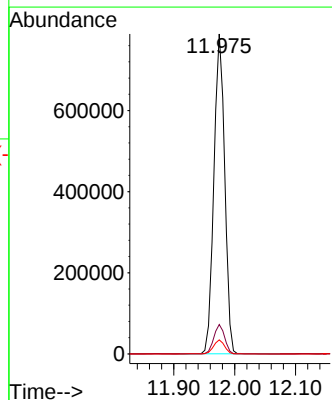
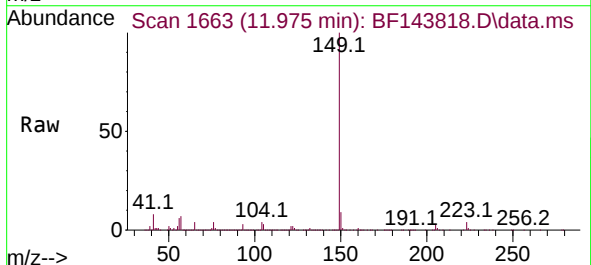
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

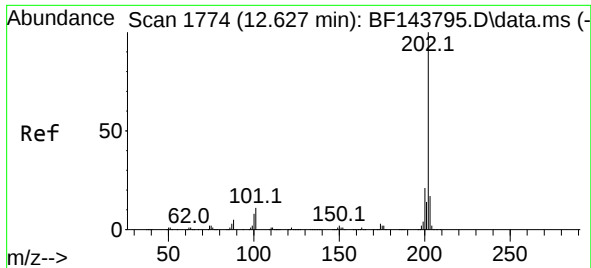
Tgt Ion:167 Resp: 832102
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 12.9 10.6 15.8



#74
Di-n-butylphthalate
Concen: 52.810 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:149 Resp: 972765
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.4 3.6 5.4

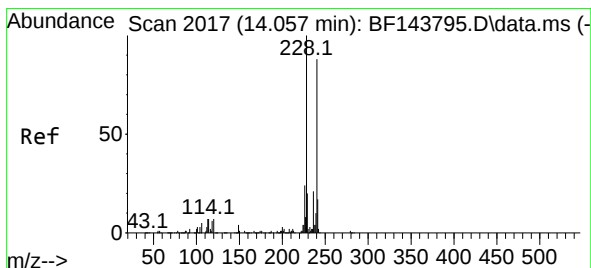
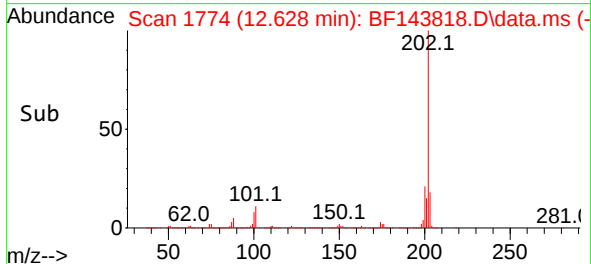
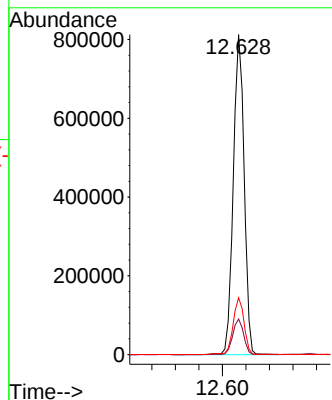
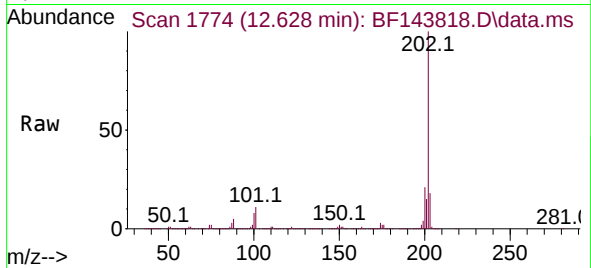




#75
Fluoranthene
Concen: 56.557 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

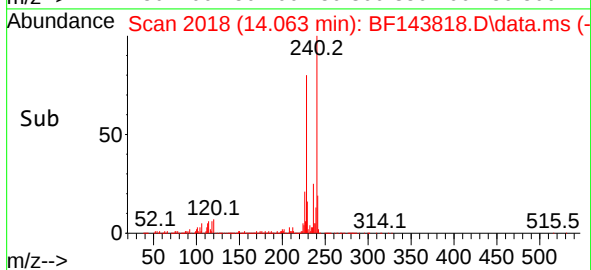
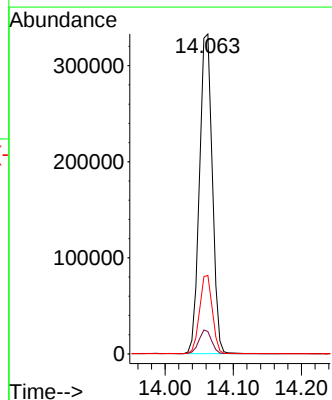
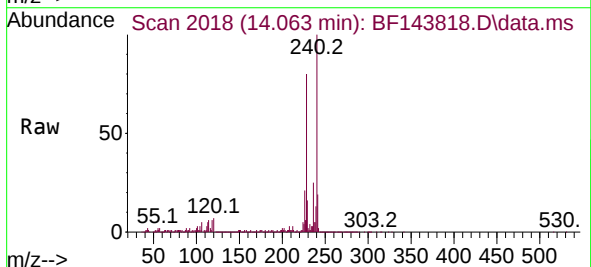
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

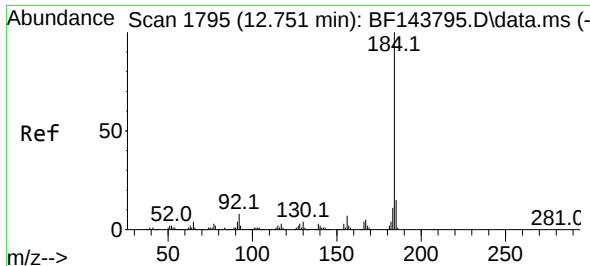
Tgt Ion:202 Resp: 1038840
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:240 Resp: 435935
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 24.5 19.4 29.2

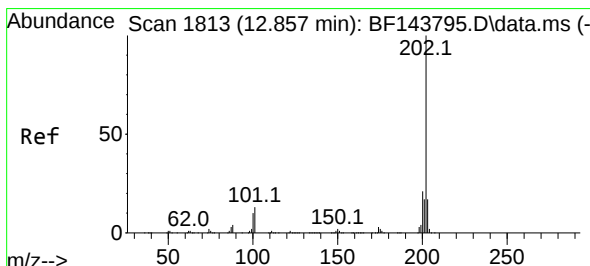
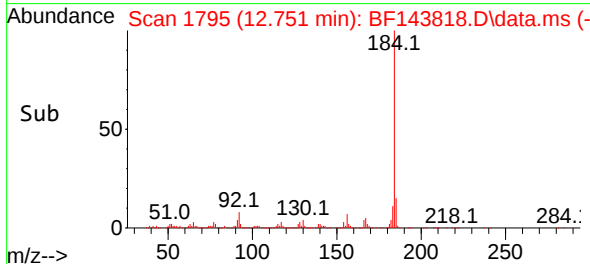
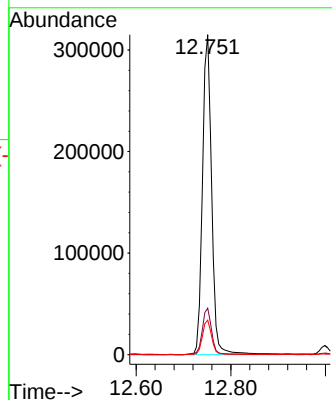
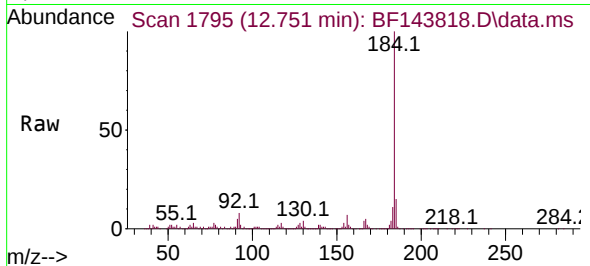




#77
Benzidine
Concen: 39.859 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

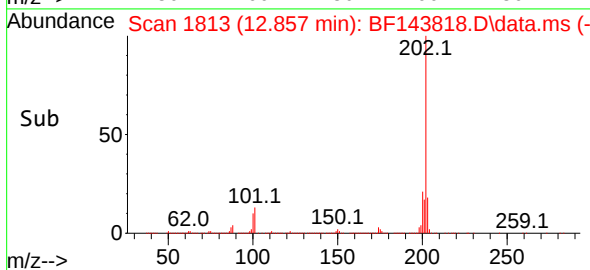
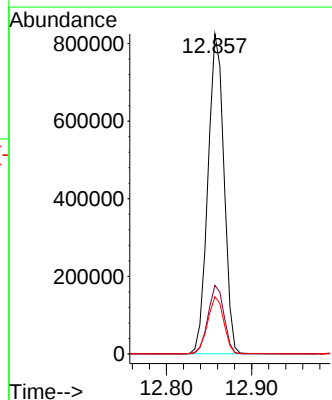
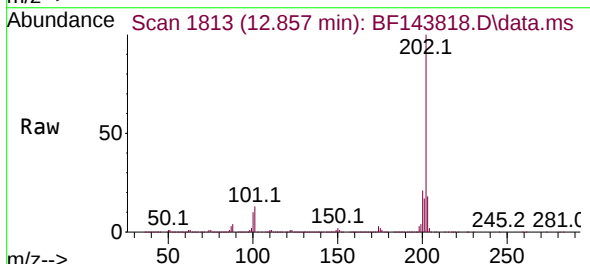
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

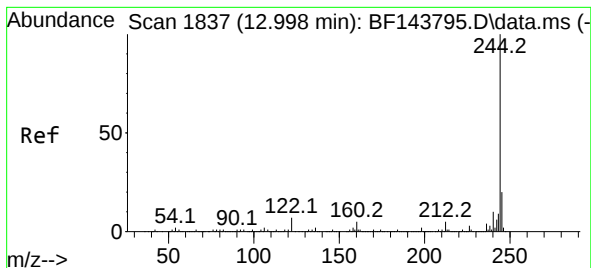
Tgt Ion:184 Resp: 423409
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 10.8 8.6 13.0



#78
Pyrene
Concen: 50.222 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:202 Resp: 1076385
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 53.148 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

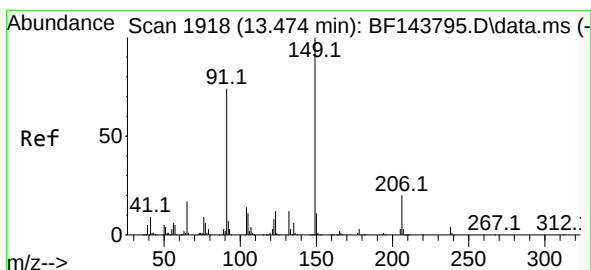
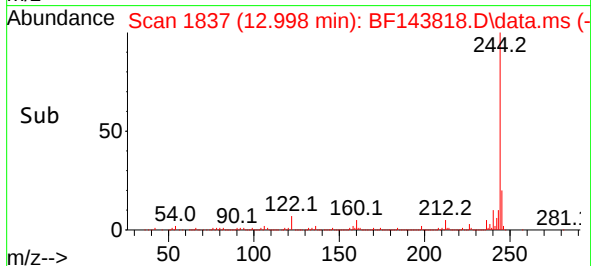
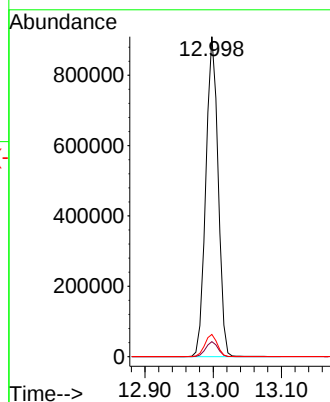
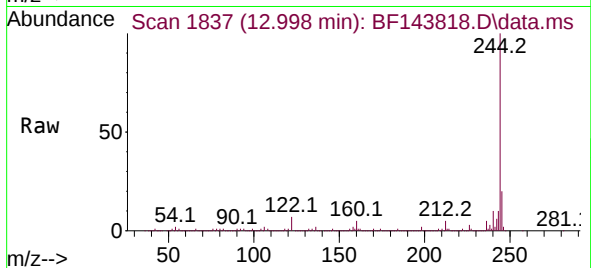
Tgt Ion:244 Resp: 1139227

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 58.241 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

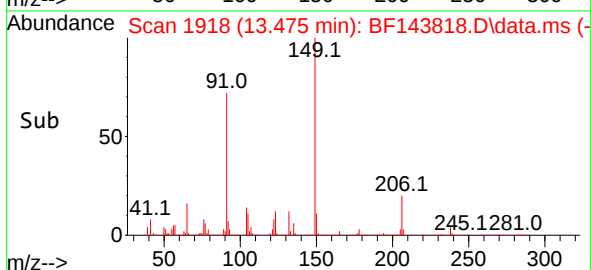
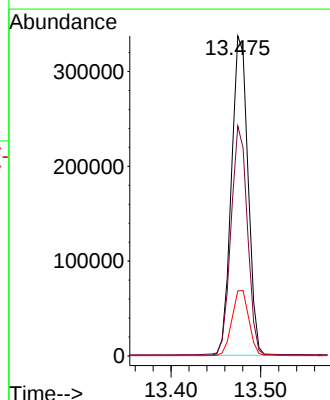
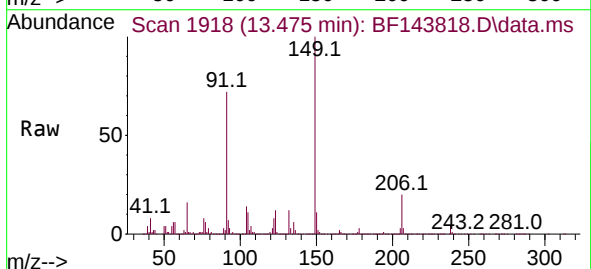
Tgt Ion:149 Resp: 431860

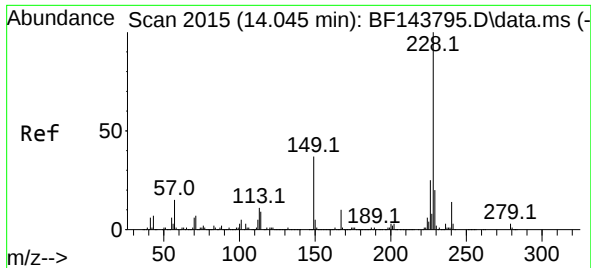
Ion Ratio Lower Upper

149 100

91 71.9 59.5 89.3

206 20.3 16.1 24.1

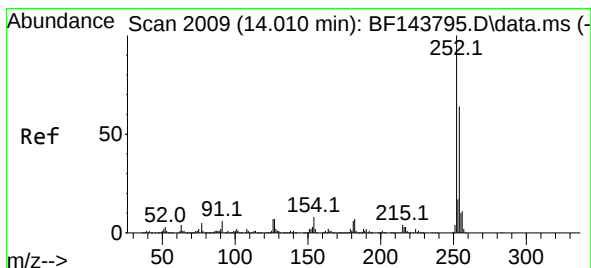
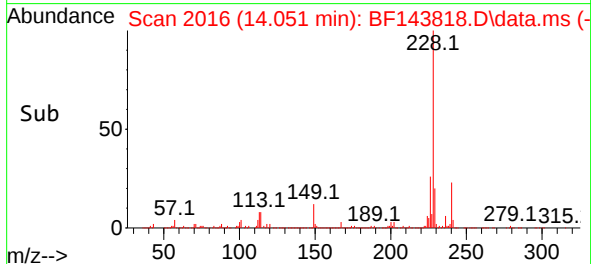
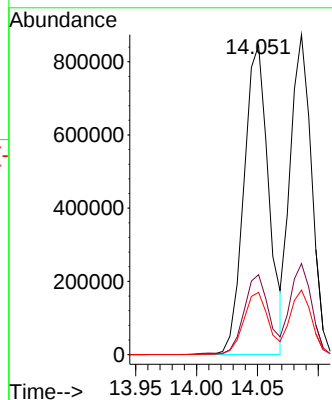
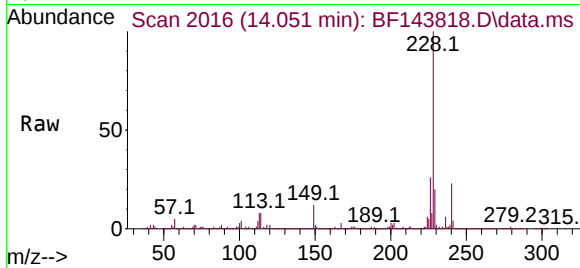




#81
Benzo(a)anthracene
Concen: 51.150 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

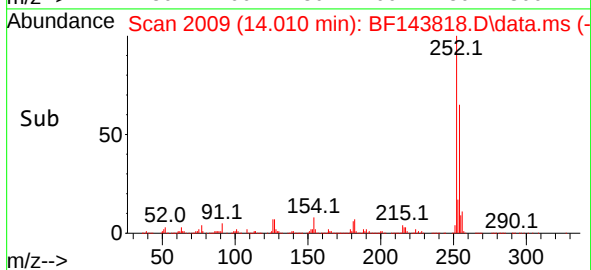
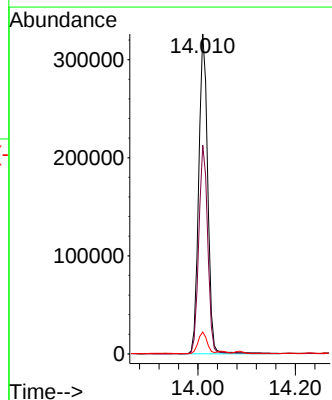
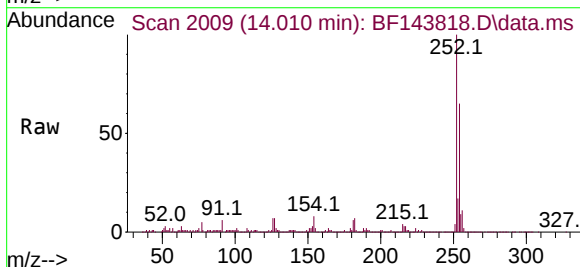
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

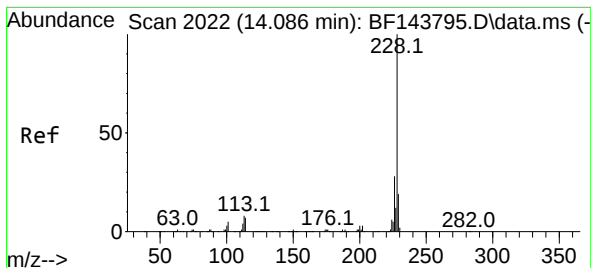
Tgt Ion:228 Resp: 1197901
Ion Ratio Lower Upper
228 100
226 25.8 20.2 30.2
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 40.930 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 415267
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 6.8 5.4 8.2





#83

Chrysene

Concen: 49.840 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

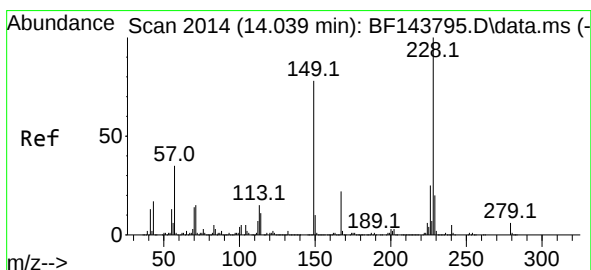
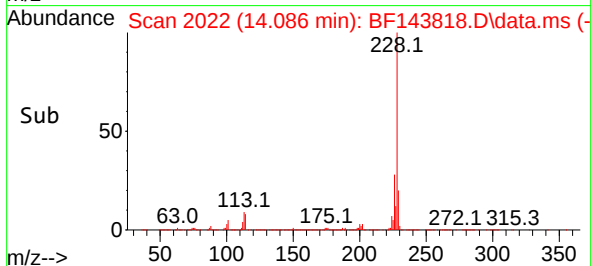
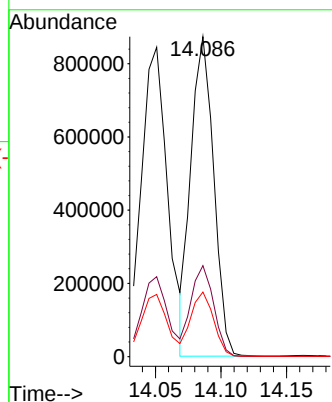
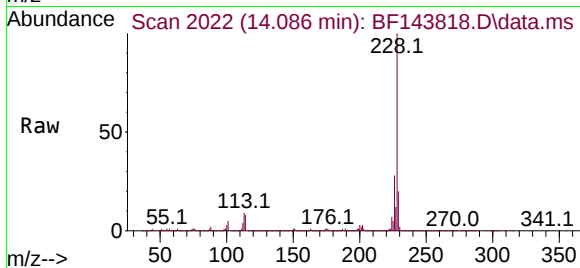
Tgt Ion:228 Resp: 1056176

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.858 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

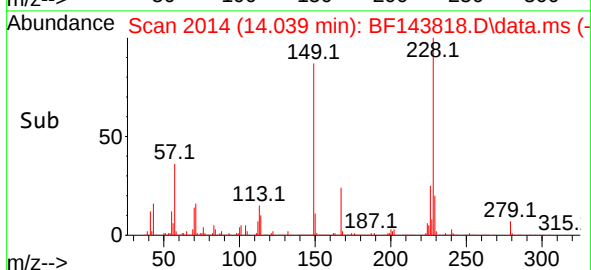
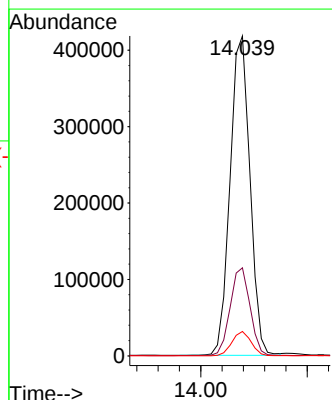
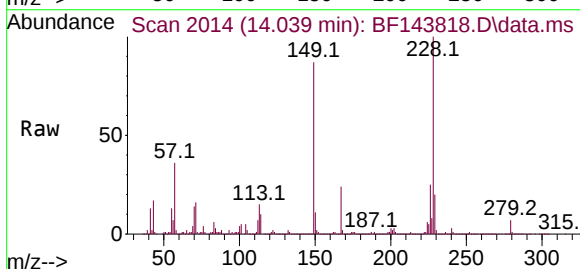
Tgt Ion:149 Resp: 541890

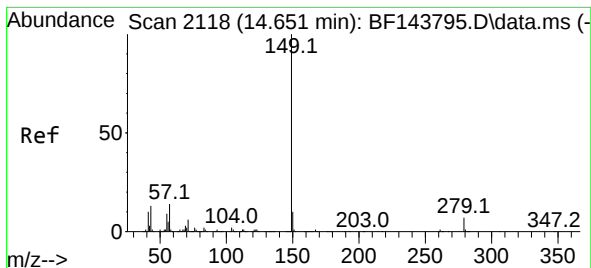
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 7.6 6.0 9.0

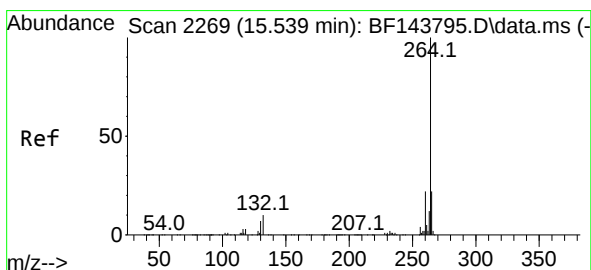
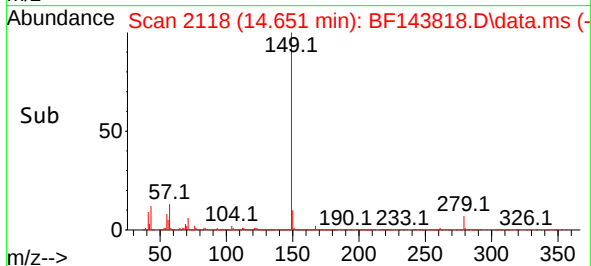
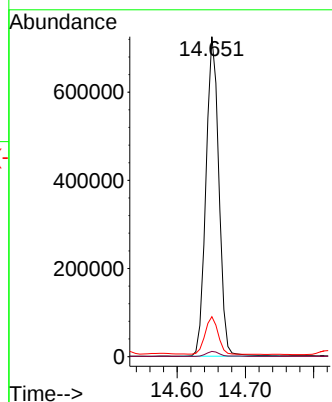
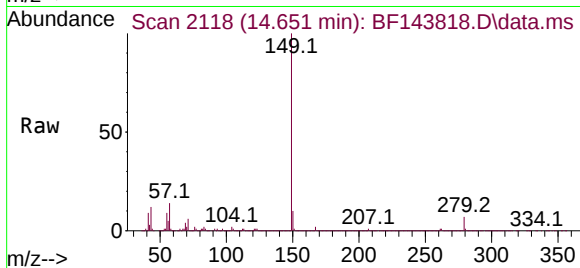




#85
Di-n-octyl phthalate
Concen: 48.560 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

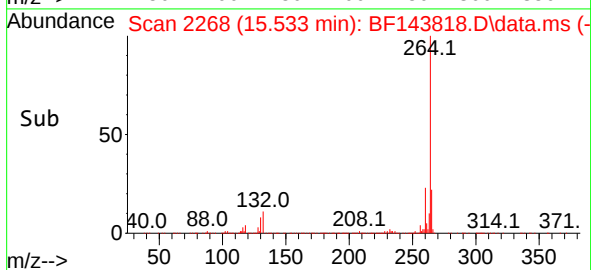
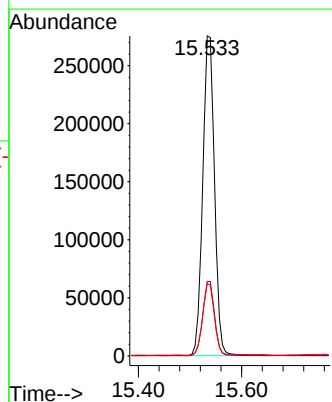
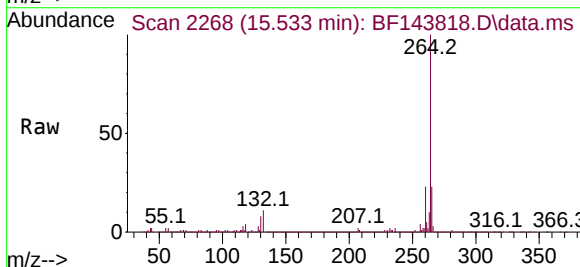
Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

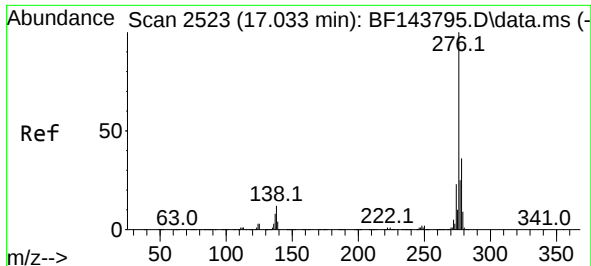
Tgt Ion:149 Resp: 957368
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.0 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143818.D
Acq: 25 Sep 2025 22:20

Tgt Ion:264 Resp: 434629
Ion Ratio Lower Upper
264 100
260 23.3 17.9 26.9
265 22.6 17.7 26.5

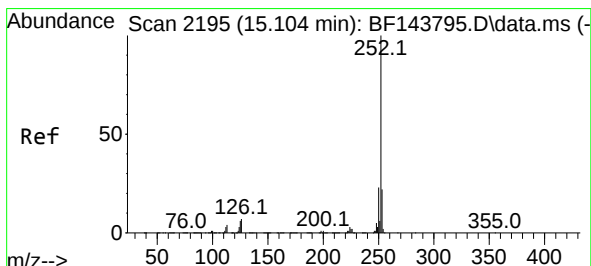
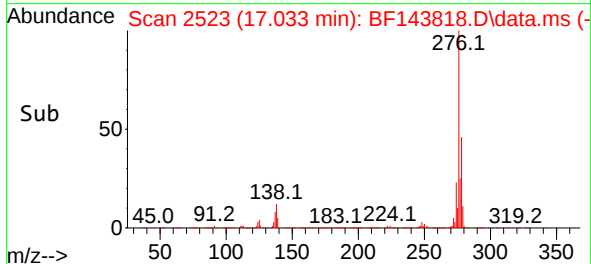
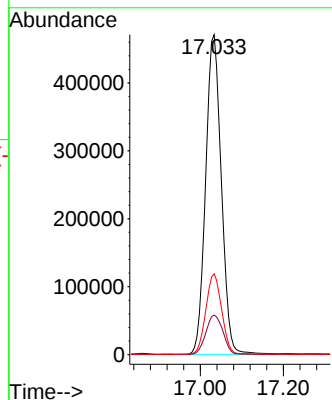
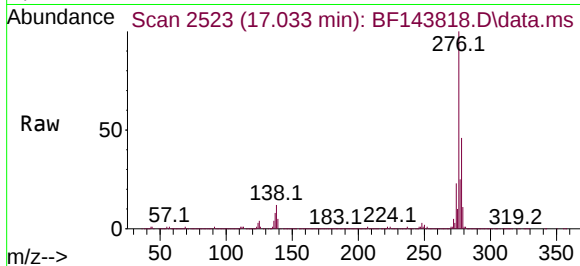




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.358 ng
 RT: 17.033 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

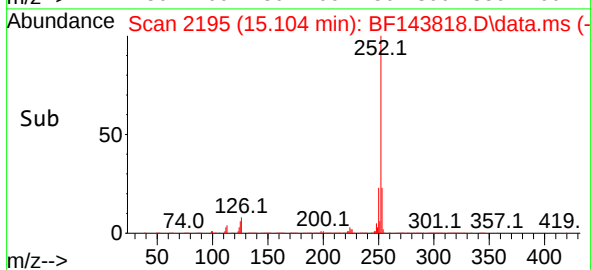
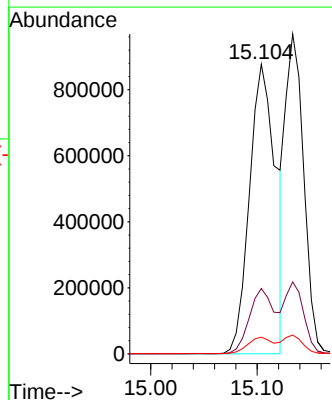
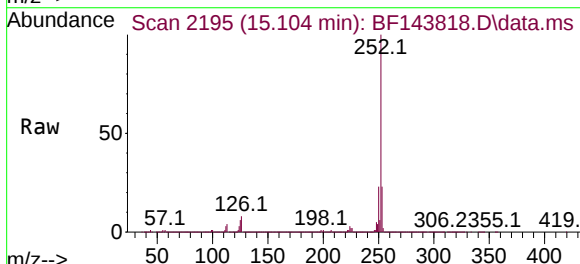
Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

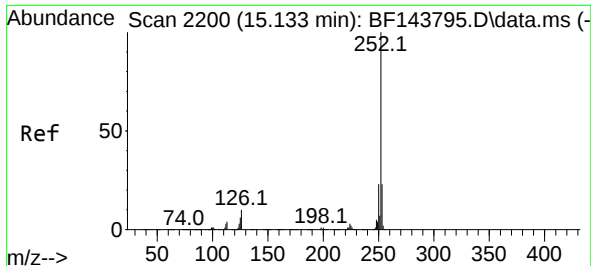
Tgt Ion:276 Resp: 1231964
 Ion Ratio Lower Upper
 276 100
 138 13.4 10.6 15.8
 277 25.6 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 67.687 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Tgt Ion:252 Resp: 1498147
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.8 26.8
 125 5.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 51.691 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

Instrument :

BNA_F

ClientSampleId :

EME-TS14-01MSD

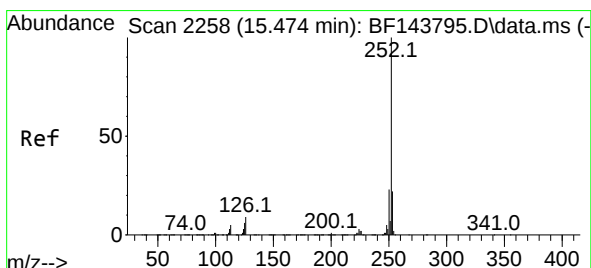
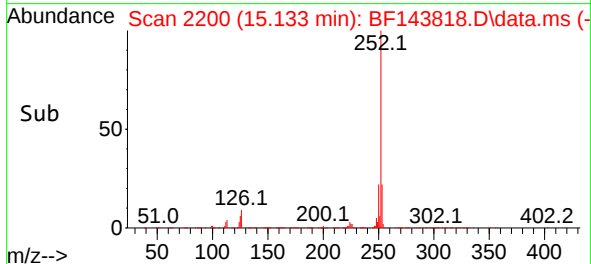
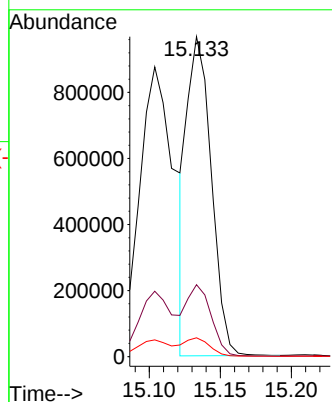
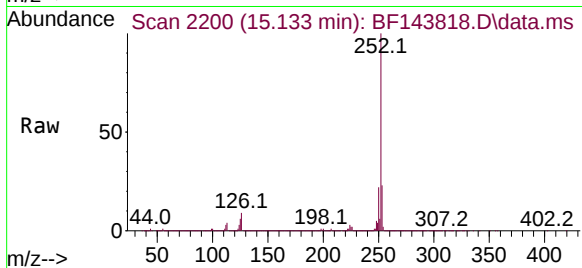
Tgt Ion:252 Resp: 1149445

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 5.9 4.6 6.8



#90

Benzo(a)pyrene

Concen: 56.101 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143818.D

Acq: 25 Sep 2025 22:20

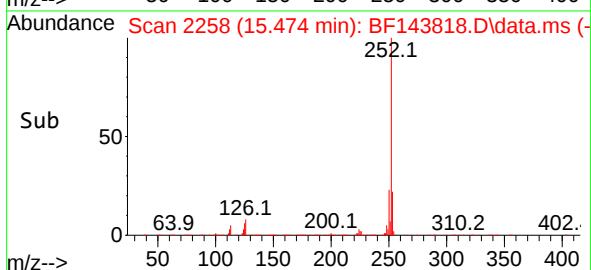
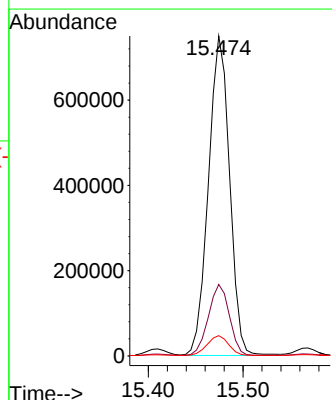
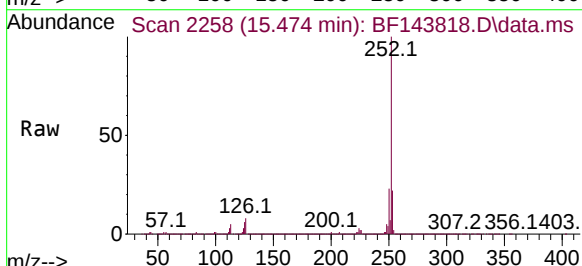
Tgt Ion:252 Resp: 1167187

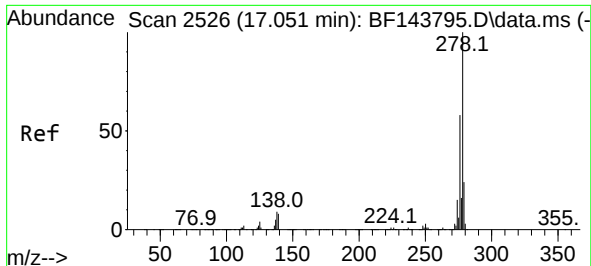
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 6.3 5.0 7.4

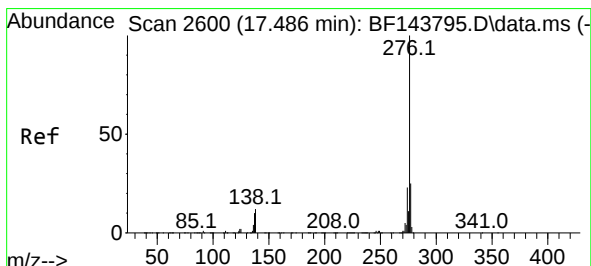
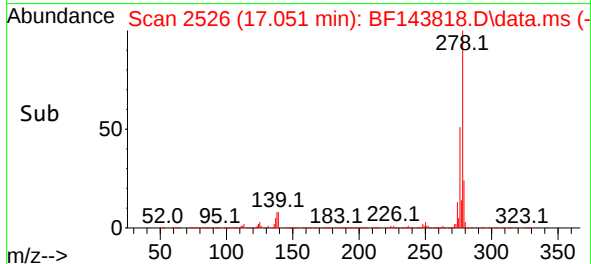
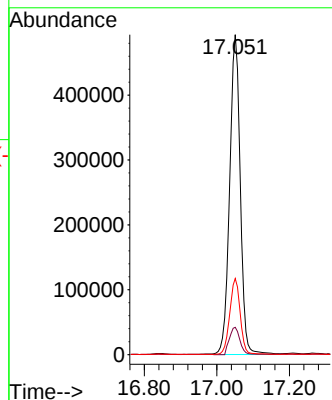
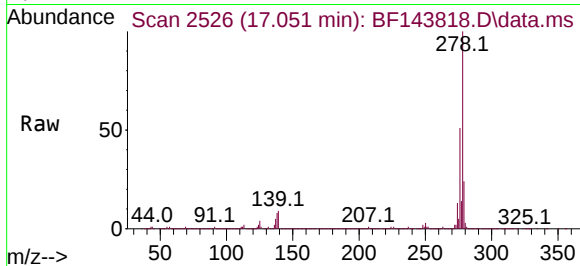




#91
 Dibenzo(a,h)anthracene
 Concen: 37.157 ng
 RT: 17.051 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-01MSD

Tgt Ion:278 Resp: 1002210
 Ion Ratio Lower Upper
 278 100
 139 8.5 6.7 10.1
 279 23.8 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 37.385 ng
 RT: 17.486 min Scan# 2600
 Delta R.T. -0.017 min
 Lab File: BF143818.D
 Acq: 25 Sep 2025 22:20

Tgt Ion:276 Resp: 972031
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.6 29.4
 138 11.4 9.2 13.8

