

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144080.D
 Acq On : 27 Oct 2025 13:34
 Operator : RC/JU
 Sample : Q3385-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

Quant Time: Oct 27 14:02:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	48975	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	173973	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	86535	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	138271	20.000	ng	0.00
76) Chrysene-d12	14.063	240	119266	20.000	ng	0.00
86) Perylene-d12	15.545	264	165835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	181169	58.526	ng	0.00
7) Phenol-d6	6.504	99	142070	41.557	ng	0.00
23) Nitrobenzene-d5	7.440	82	296309	93.313	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95341	86.494	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	559903	91.050	ng	0.00
79) Terphenyl-d14	12.998	244	573867	84.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	34791	26.009	ng	99
3) Pyridine	3.440	79	74771	20.879	ng	96
4) n-Nitrosodimethylamine	3.375	42	63084	28.668	ng	97
6) Aniline	6.540	93	88460	18.087	ng	97
8) 2-Chlorophenol	6.663	128	119346	39.149	ng	99
10) Phenol	6.516	94	88846	21.065	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	135670	44.516	ng	98
12) 1,3-Dichlorobenzene	6.822	146	140767	37.433	ng	97
13) 1,4-Dichlorobenzene	6.898	146	143902	38.829	ng	97
14) 1,2-Dichlorobenzene	7.051	146	136919	38.183	ng	99
15) Benzyl Alcohol	7.022	79	106013	38.137	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	243501	42.511	ng	97
17) 2-Methylphenol	7.134	107	82069	35.003	ng	98
18) Hexachloroethane	7.393	117	48402	36.531	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	101405	45.869	ng	97
20) 3+4-Methylphenols	7.281	107	94237	33.999	ng	# 69
22) Acetophenone	7.287	105	200237	53.258	ng	94
24) Nitrobenzene	7.463	77	152986	45.543	ng	99
25) Isophorone	7.698	82	261760	47.150	ng	100
26) 2-Nitrophenol	7.775	139	71936	45.016	ng	99
27) 2,4-Dimethylphenol	7.810	122	112868	47.529	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	159497	46.069	ng	97
29) 2,4-Dichlorophenol	8.022	162	117125	42.412	ng	96
30) 1,2,4-Trichlorobenzene	8.104	180	123315	43.404	ng	99
31) Naphthalene	8.187	128	353624	43.067	ng	99
32) Benzoic acid	7.934	122	88413	58.695	ng	# 86
33) 4-Chloroaniline	8.234	127	45421	15.890	ng	96
34) Hexachlorobutadiene	8.298	225	93289	40.157	ng	97
35) Caprolactam	8.587	113	9262	13.374	ng	# 78
36) 4-Chloro-3-methylphenol	8.710	107	102864	42.208	ng	94
37) 2-Methylnaphthalene	8.875	142	221101	40.842	ng	97
38) 1-Methylnaphthalene	8.975	142	221036	43.096	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	150315	50.542	ng	99
41) Hexachlorocyclopentadiene	9.028	237	115058	125.257	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	92163	47.676	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	95638	47.140	ng	95

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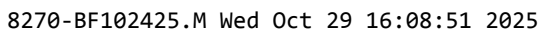
Instrument :
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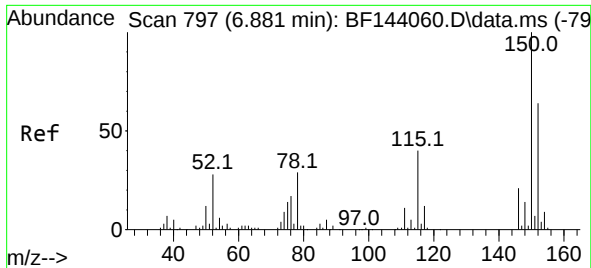
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	319119	51.516	ng	99
47) 2-Chloronaphthalene	9.363	162	247362	47.664	ng	97
48) 2-Nitroaniline	9.463	65	74906	48.607	ng	96
49) Acenaphthylene	9.781	152	367620	52.536	ng	99
50) Dimethylphthalate	9.639	163	275121	48.503	ng	100
51) 2,6-Dinitrotoluene	9.704	165	57929	51.660	ng	90
52) Acenaphthene	9.951	154	228917	48.985	ng	98
53) 3-Nitroaniline	9.869	138	31289	25.097	ng	98
54) 2,4-Dinitrophenol	9.981	184	53177	87.680	ng	99
55) Dibenzofuran	10.128	168	304441	46.925	ng	98
56) 4-Nitrophenol	10.051	139	37976	44.983	ng	98
57) 2,4-Dinitrotoluene	10.104	165	78063	51.581	ng	98
58) Fluorene	10.469	166	232000	46.932	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	69758	48.794	ng	99
60) Diethylphthalate	10.334	149	250658	46.990	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	128399	46.187	ng	98
62) 4-Nitroaniline	10.486	138	50820	43.021	ng	96
63) Azobenzene	10.622	77	249492	49.416	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	42686	48.117	ng	96
66) n-Nitrosodiphenylamine	10.581	169	221176	50.065	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	62404	36.046	ng	# 82
68) Hexachlorobenzene	11.022	284	85664	40.346	ng	# 89
69) Atrazine	11.110	200	41676	28.748	ng	97
70) Pentachlorophenol	11.228	266	95662	94.653	ng	99
71) Phenanthrene	11.439	178	321362	46.787	ng	99
72) Anthracene	11.492	178	334471	47.139	ng	99
73) Carbazole	11.645	167	280282	46.409	ng	98
74) Di-n-butylphthalate	11.969	149	339754	45.885	ng	100
75) Fluoranthene	12.628	202	355887	46.898	ng	99
77) Benzidine	12.751	184	43263	11.656	ng	# 87
78) Pyrene	12.857	202	270003	31.489	ng	98
80) Butylbenzylphthalate	13.475	149	150139	46.284	ng	100
81) Benzo(a)anthracene	14.051	228	394362	48.928	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	81428	29.022	ng	# 95
83) Chrysene	14.086	228	369557	48.860	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	283322	63.978	ng	99
85) Di-n-octyl phthalate	14.645	149	405201	53.206	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	556174	48.849	ng	99
88) Benzo(b)fluoranthene	15.110	252	441763	47.120	ng	98
89) Benzo(k)fluoranthene	15.139	252	417100	48.220	ng	99
90) Benzo(a)pyrene	15.480	252	422556	50.240	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	441007	48.933	ng	98
92) Benzo(g,h,i)perylene	17.510	276	450459	49.714	ng	98

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

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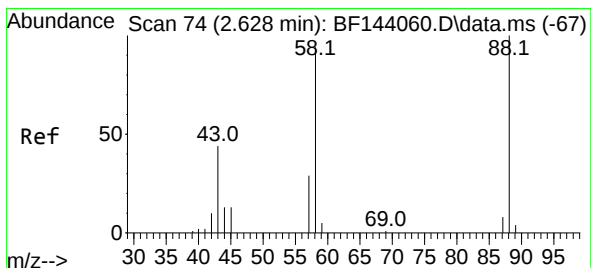
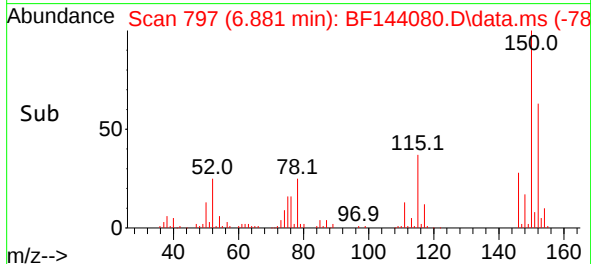
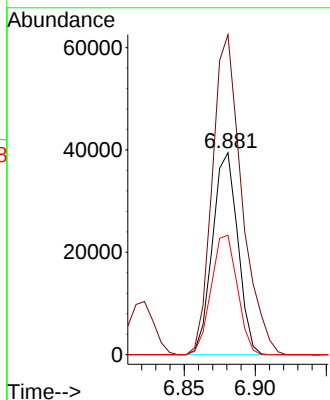
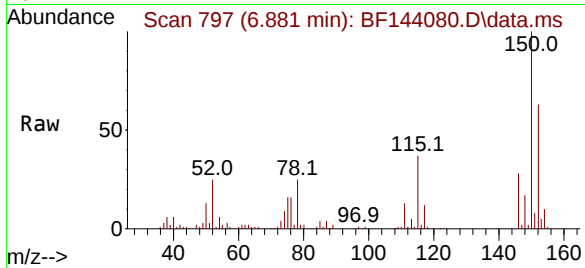




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

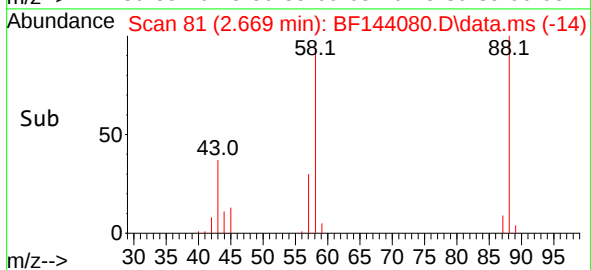
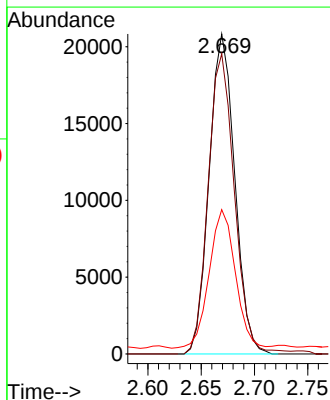
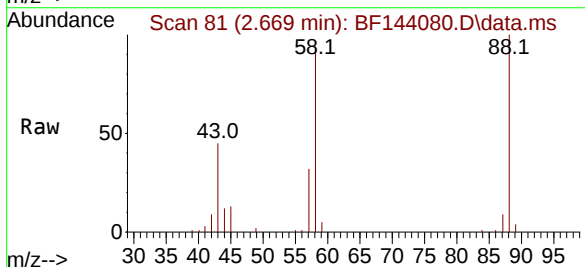
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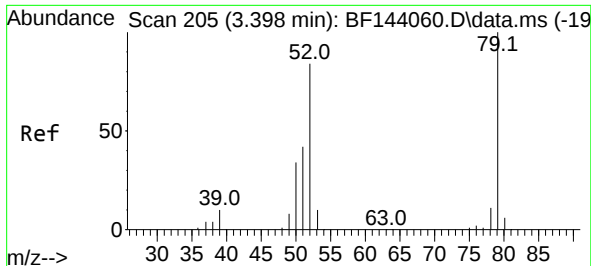
Tgt Ion:152 Resp: 48975
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.4 186.6
 115 59.2 49.4 74.0



#2
 1,4-Dioxane
 Concen: 26.009 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.041 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

Tgt Ion: 88 Resp: 34791
 Ion Ratio Lower Upper
 88 100
 58 96.9 76.5 114.7
 43 44.2 35.3 52.9

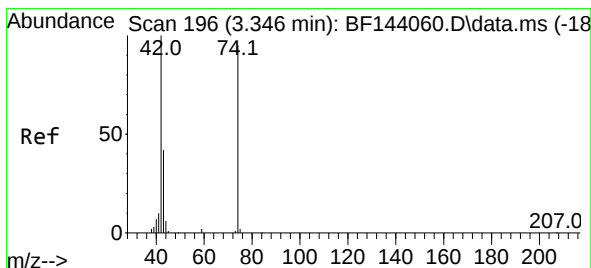
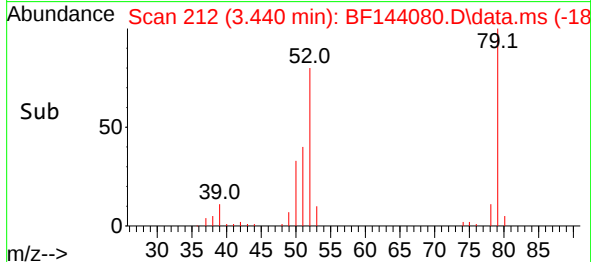
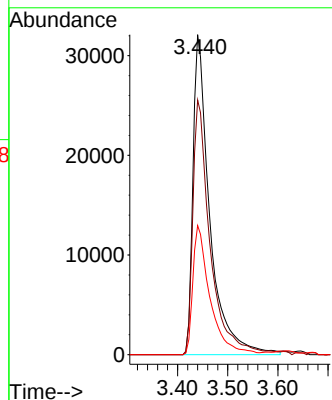
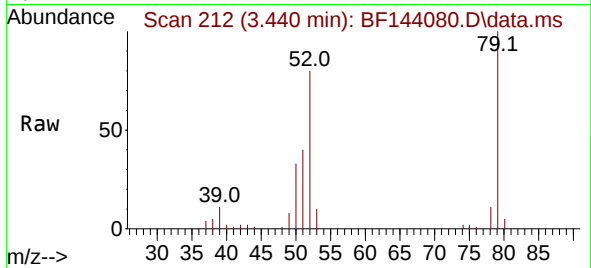




#3
Pyridine
Concen: 20.879 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

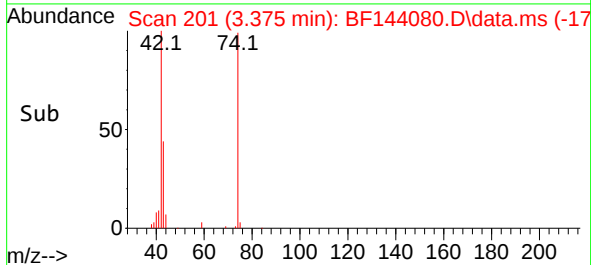
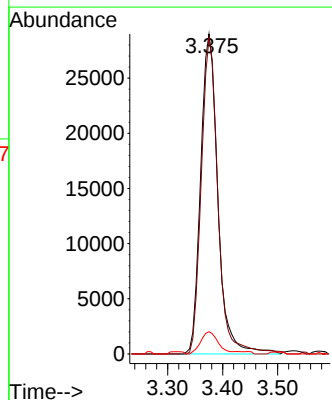
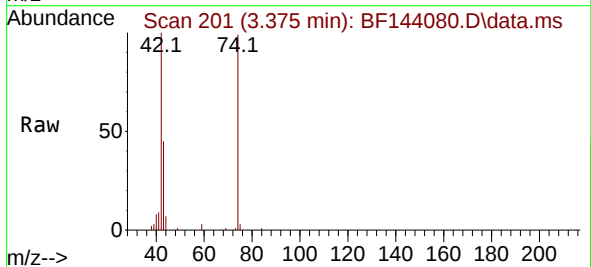
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

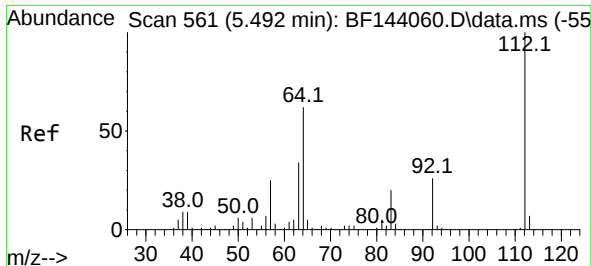
Tgt Ion: 79 Resp: 74771
Ion Ratio Lower Upper
79 100
52 79.6 67.5 101.3
51 40.3 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 28.668 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.030 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 42 Resp: 63084
Ion Ratio Lower Upper
42 100
74 98.8 76.4 114.6
44 7.0 5.2 7.8

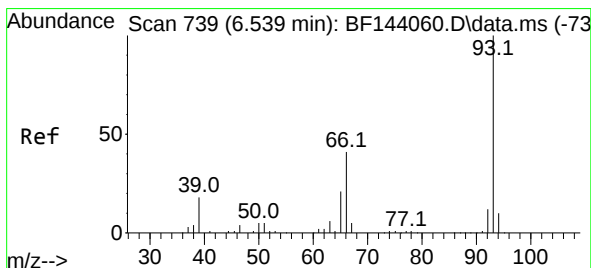
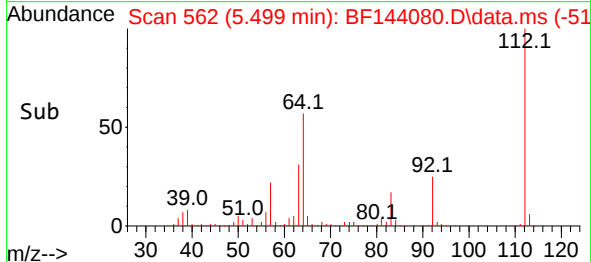
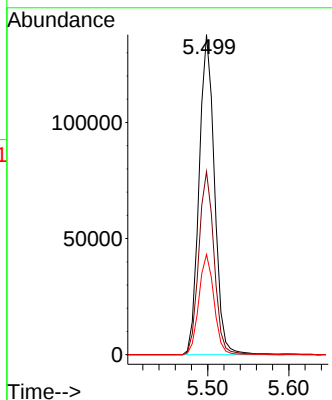
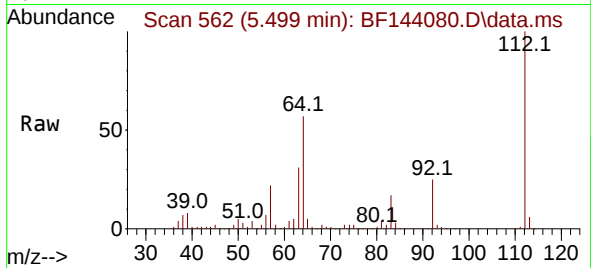




#5
2-Fluorophenol
Concen: 58.526 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

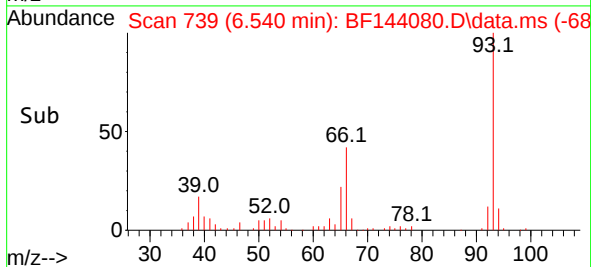
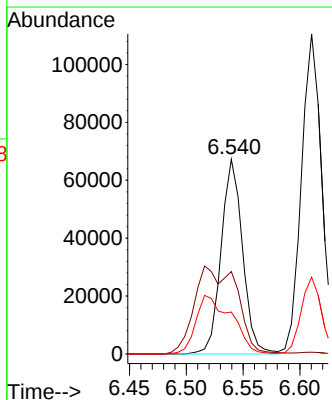
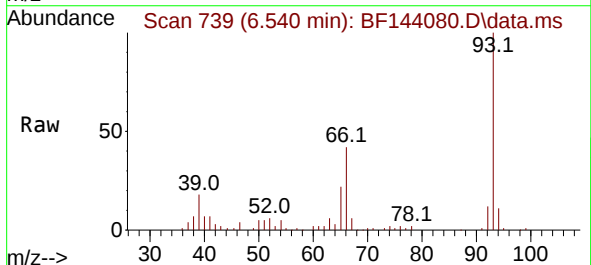
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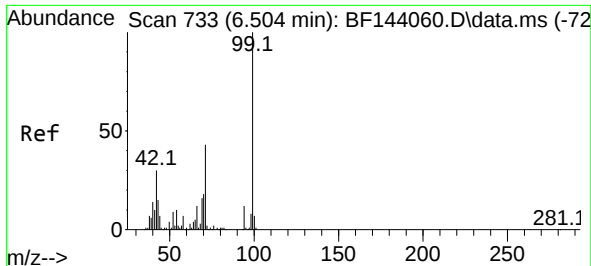
Tgt Ion:112 Resp: 181169
Ion Ratio Lower Upper
112 100
64 57.2 49.8 74.8
63 31.4 27.4 41.2



#6
Aniline
Concen: 18.087 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 93 Resp: 88460
Ion Ratio Lower Upper
93 100
66 42.3 35.7 53.5
65 21.5 17.0 25.6

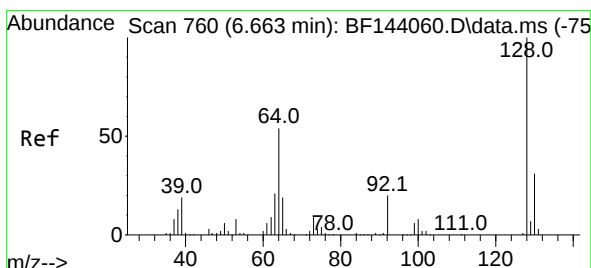
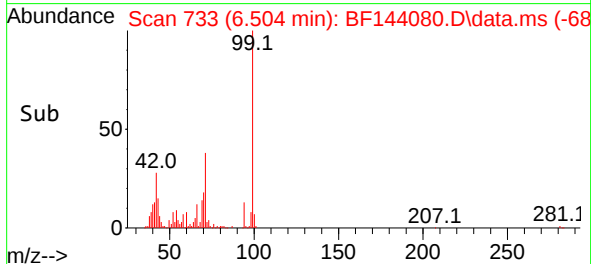
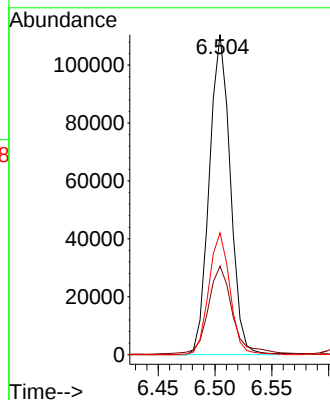
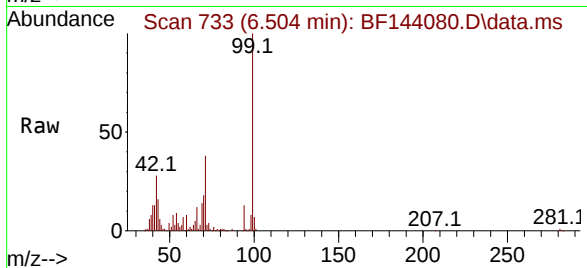




#7
Phenol-d6
Concen: 41.557 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

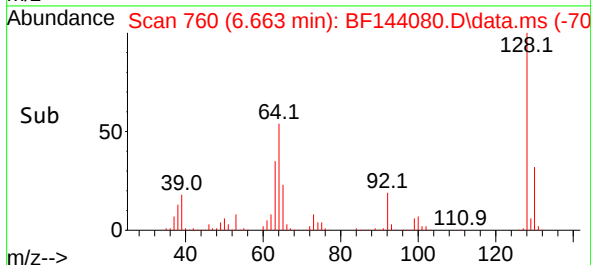
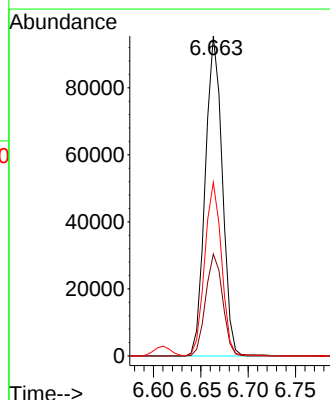
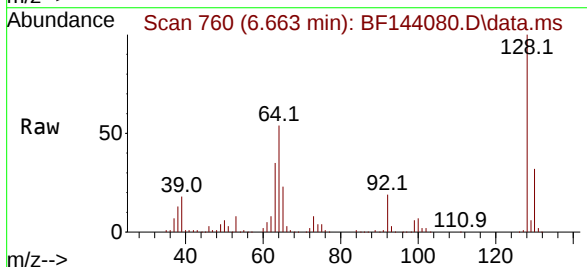
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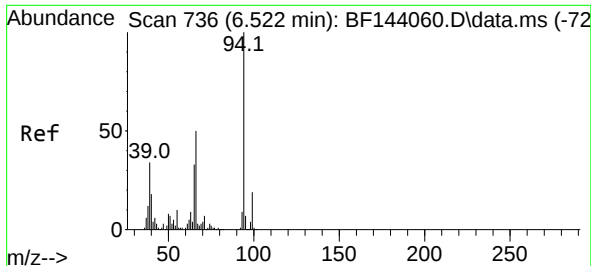
Tgt Ion: 99 Resp: 142070
Ion Ratio Lower Upper
99 100
42 27.7 23.9 35.9
71 38.0 34.4 51.6



#8
2-Chlorophenol
Concen: 39.149 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:128 Resp: 119346
Ion Ratio Lower Upper
128 100
130 31.9 10.7 50.7
64 54.2 34.7 74.7





#10

Phenol

Concen: 21.065 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

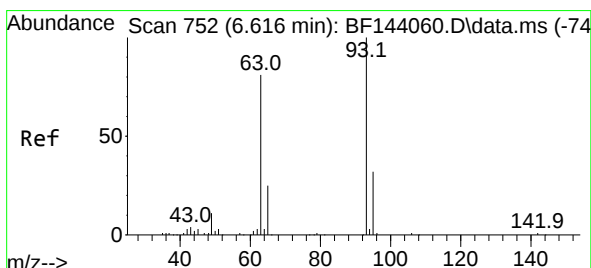
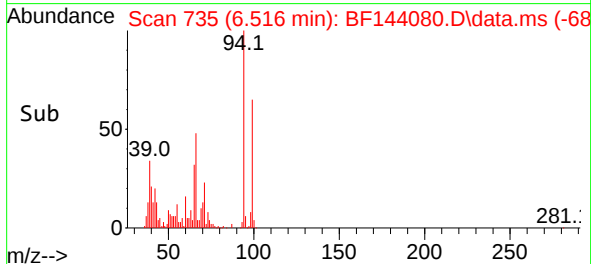
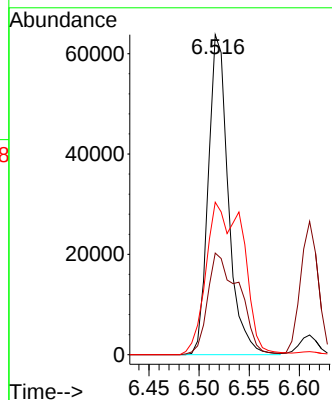
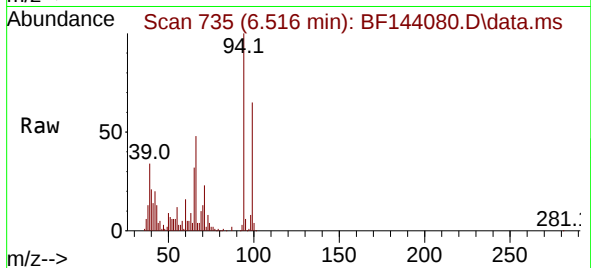
BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 94 Resp: 88846

Ion	Ratio	Lower	Upper
94	100		
65	31.8	13.1	53.1
66	47.7	30.6	70.6



#11

bis(2-Chloroethyl)ether

Concen: 44.516 ng

RT: 6.610 min Scan# 751

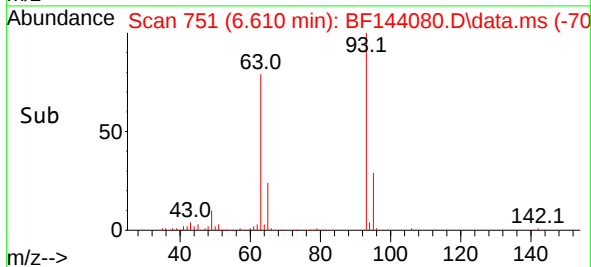
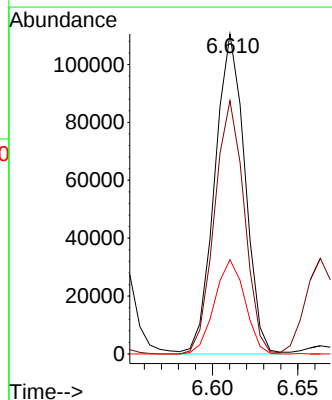
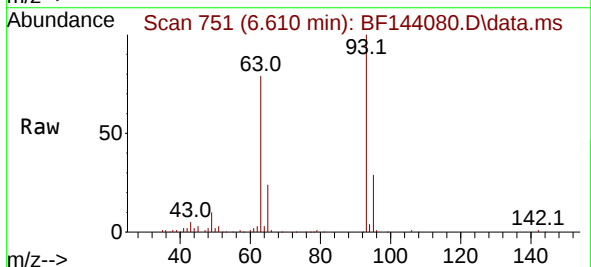
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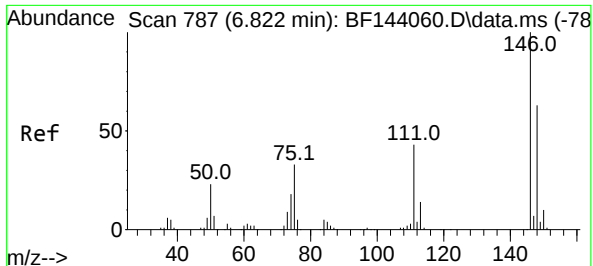
Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion: 93 Resp: 135670

Ion	Ratio	Lower	Upper
93	100		
63	79.2	60.2	100.2
95	29.4	12.4	52.4

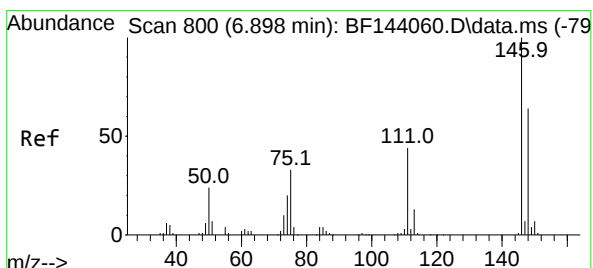
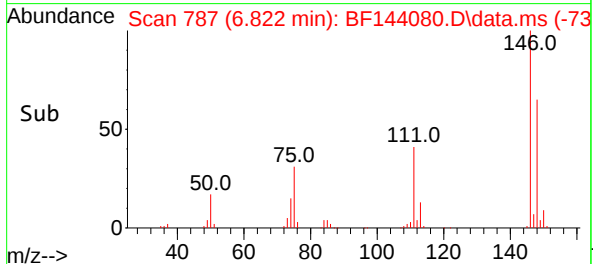
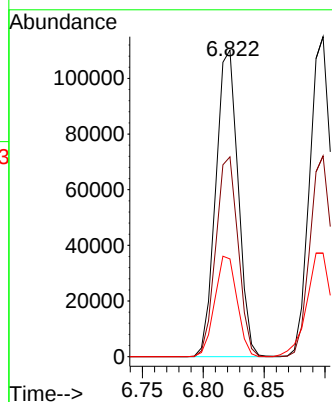
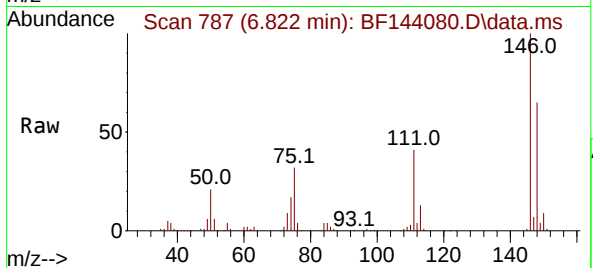




#12
1,3-Dichlorobenzene
Concen: 37.433 ng
RT: 6.822 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

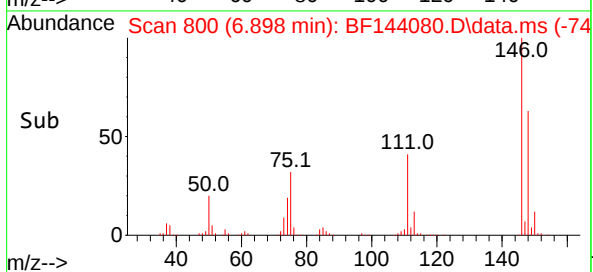
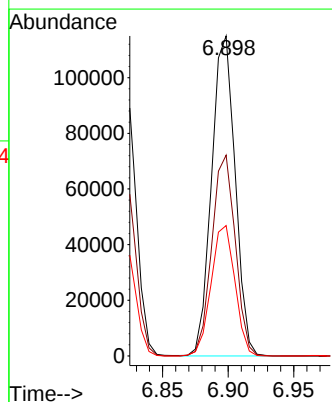
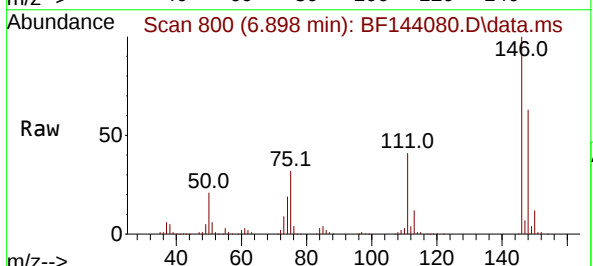
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

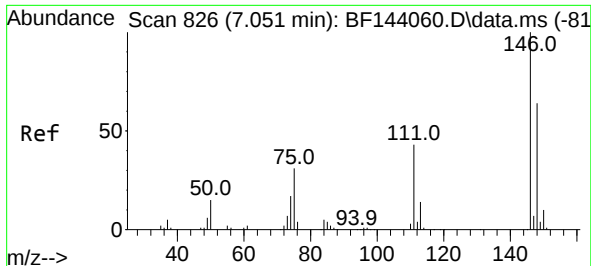
Tgt Ion:146 Resp: 140767
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 31.9 26.6 40.0



#13
1,4-Dichlorobenzene
Concen: 38.829 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:146 Resp: 143902
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 40.7 35.0 52.6

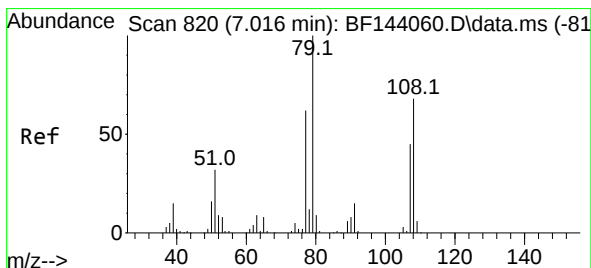
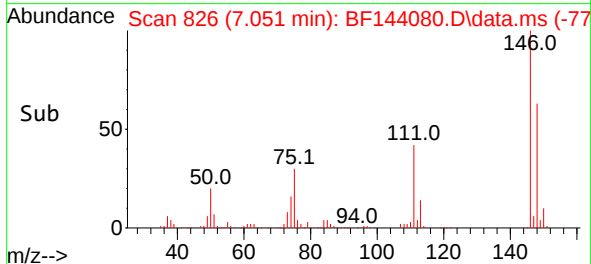
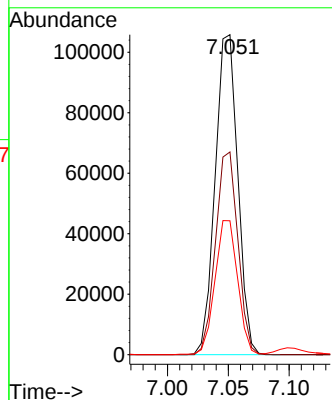
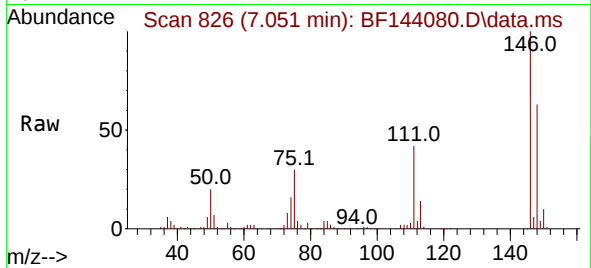




#14
1,2-Dichlorobenzene
Concen: 38.183 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

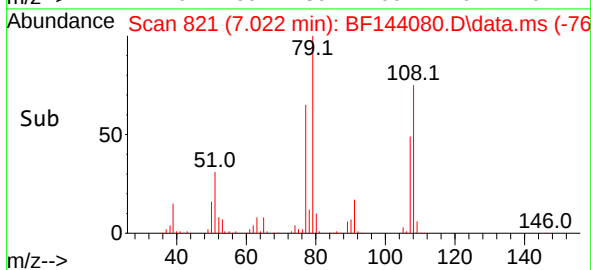
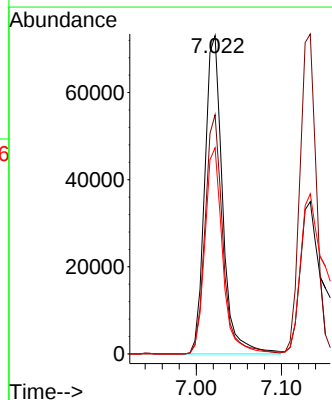
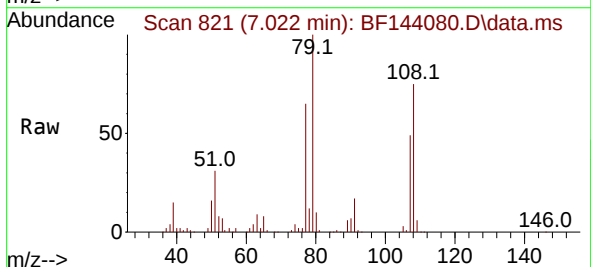
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

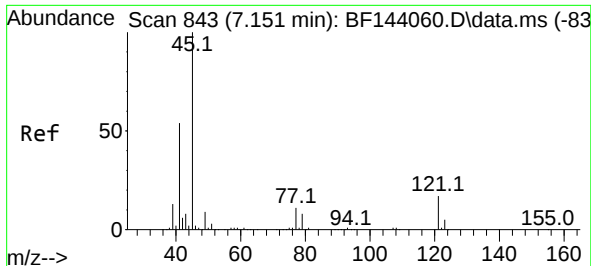
Tgt Ion:146 Resp: 136919
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 41.8 34.7 52.1



#15
Benzyl Alcohol
Concen: 38.137 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 79 Resp: 106013
Ion Ratio Lower Upper
79 100
108 75.1 54.8 82.2
77 64.8 49.4 74.0

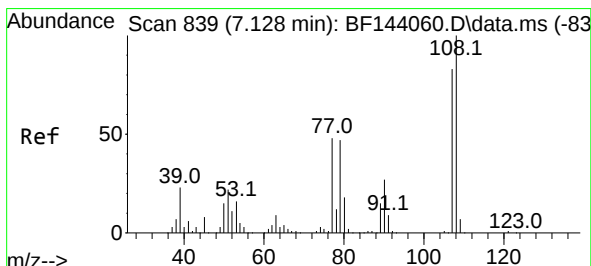
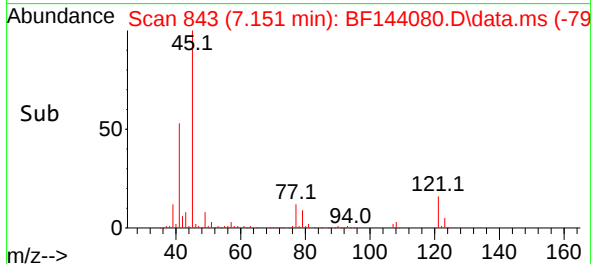
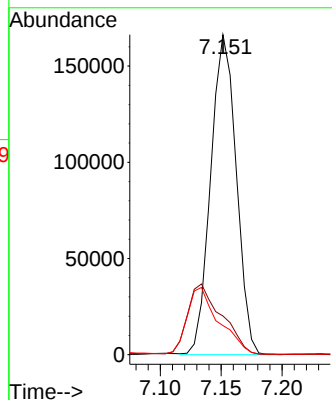
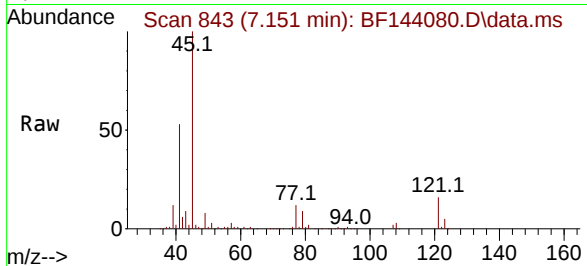




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.511 ng
RT: 7.151 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

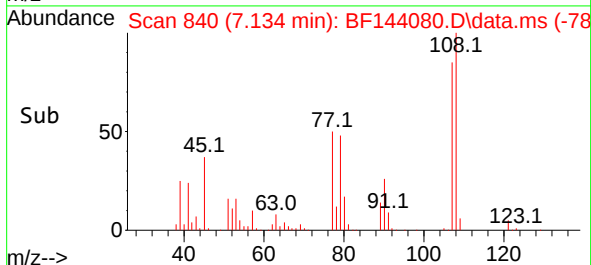
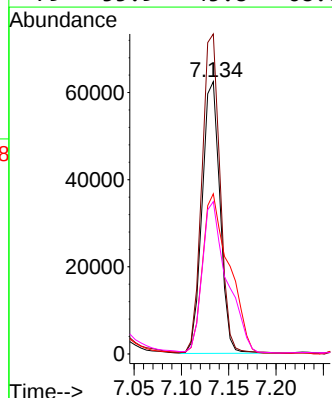
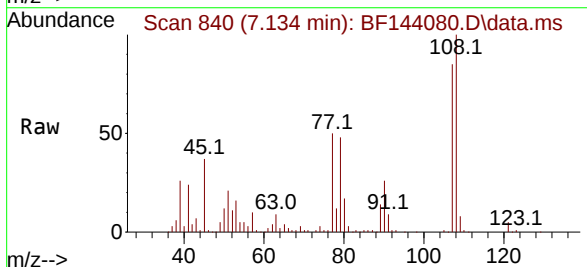
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

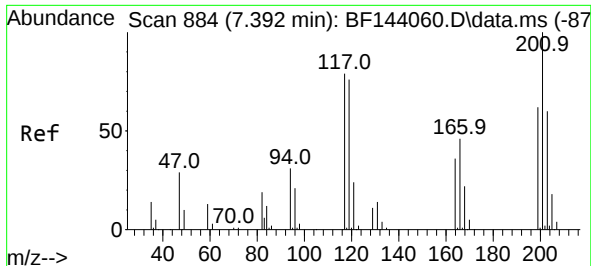
Tgt Ion: 45 Resp: 243501
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.9
79 9.1 0.0 28.2



#17
2-Methylphenol
Concen: 35.003 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 107 Resp: 82069
Ion Ratio Lower Upper
107 100
108 117.5 96.4 144.6
77 58.8 46.8 70.2
79 55.9 45.8 68.6

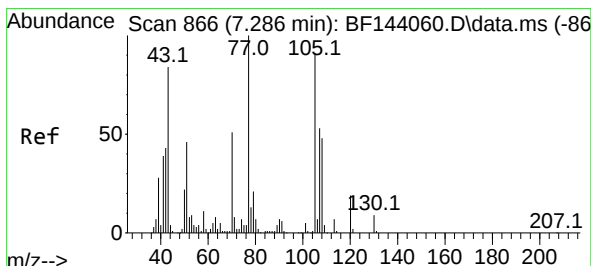
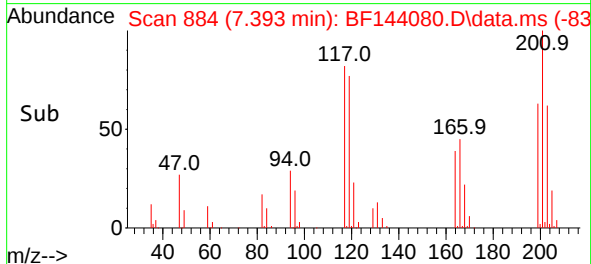
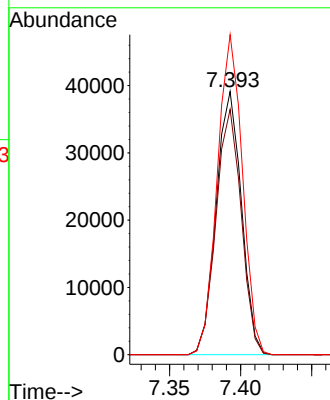
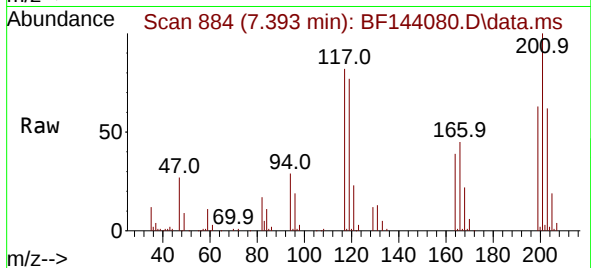




#18
Hexachloroethane
Concen: 36.531 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

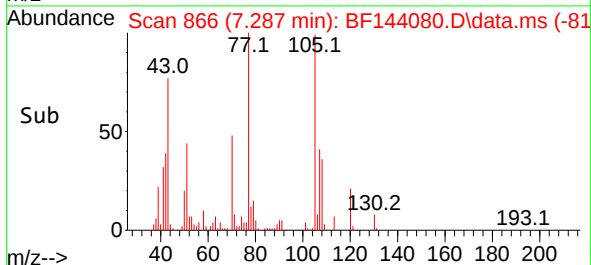
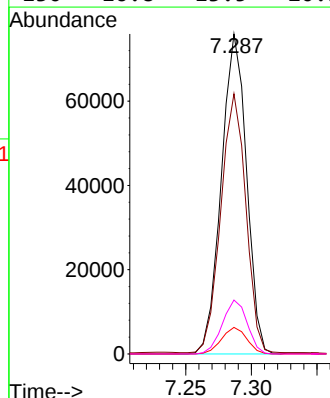
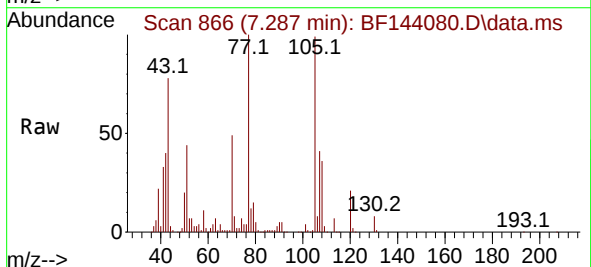
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

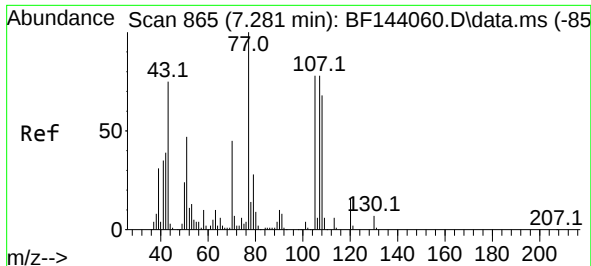
Tgt Ion:117 Resp: 48402
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
201 121.6 100.9 151.3



#19
n-Nitroso-di-n-propylamine
Concen: 45.869 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 70 Resp: 101405
Ion Ratio Lower Upper
70 100
42 81.3 67.4 101.0
101 8.3 7.1 10.7
130 16.8 13.5 20.3

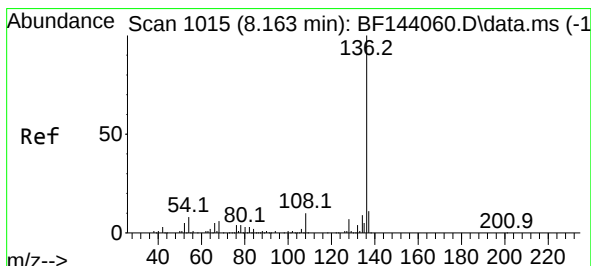
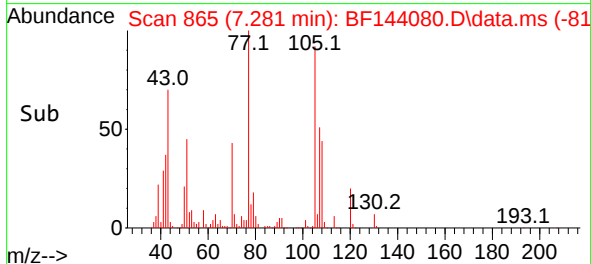
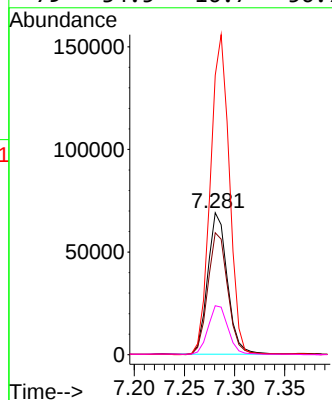
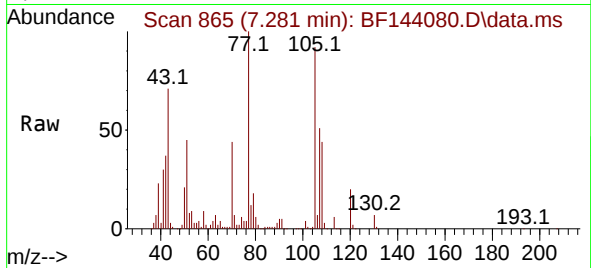




#20
3+4-Methylphenols
Concen: 33.999 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

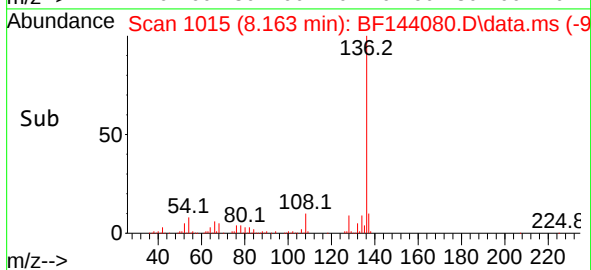
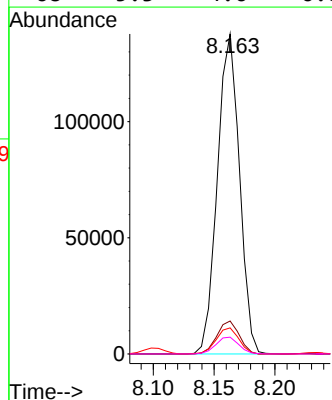
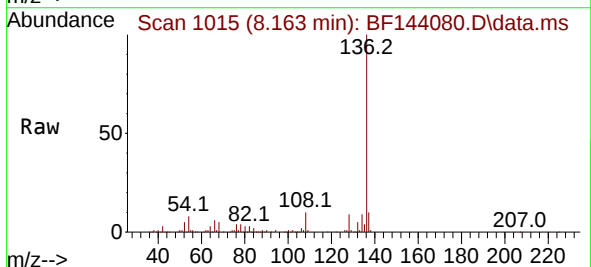
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

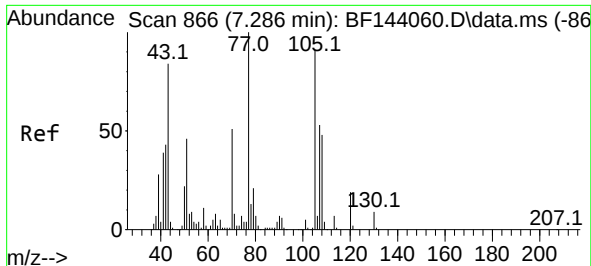
Tgt Ion:107 Resp: 94237
Ion Ratio Lower Upper
107 100
108 86.0 68.0 108.0
77 196.9 108.7 148.7#
79 34.5 16.7 56.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:136 Resp: 173973
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.2 6.6 9.8
68 5.3 4.6 6.8

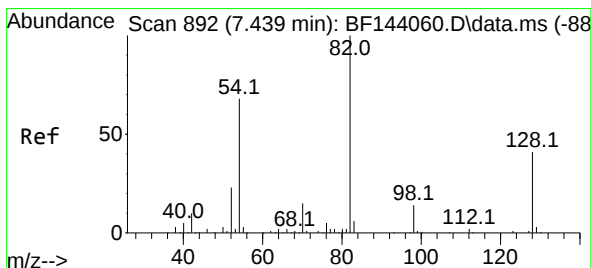
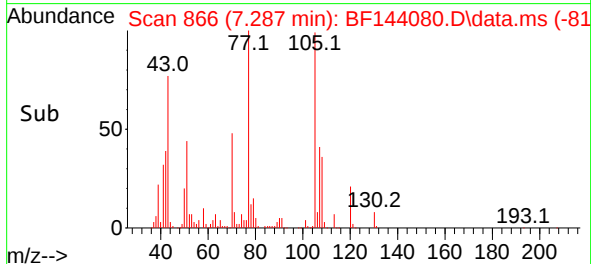
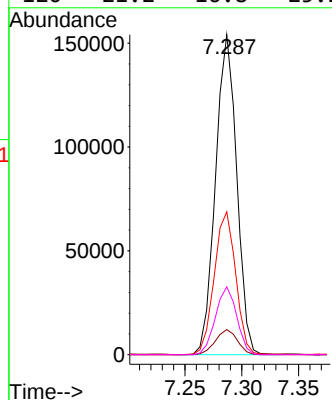
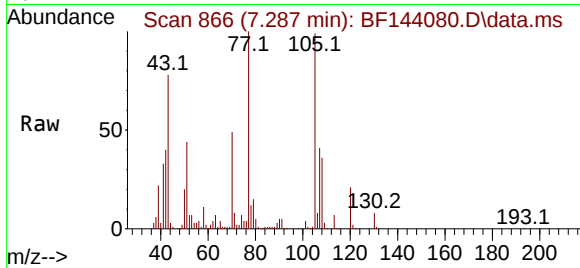




#22
Acetophenone
Concen: 53.258 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

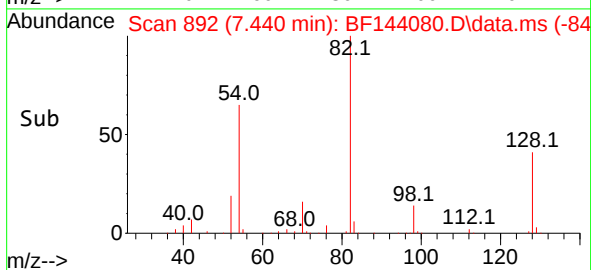
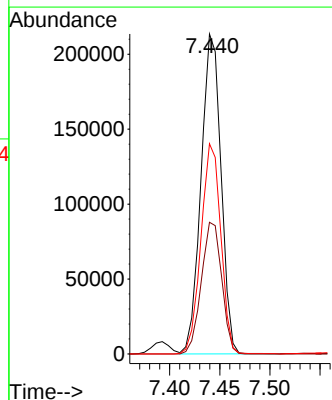
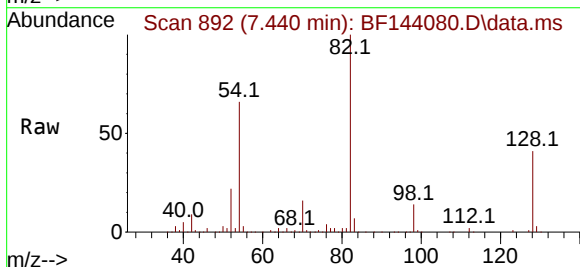
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

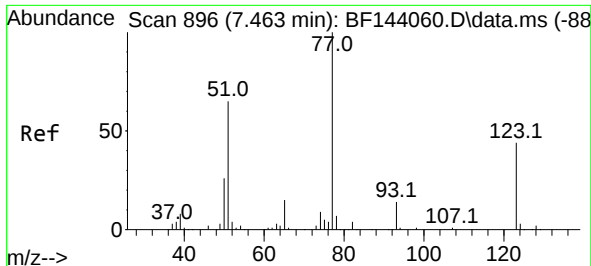
Tgt Ion:105 Resp: 200237
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 44.7 40.6 60.8
120 21.2 16.8 25.2



#23
Nitrobenzene-d5
Concen: 93.313 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 82 Resp: 296309
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 65.7 54.0 81.0

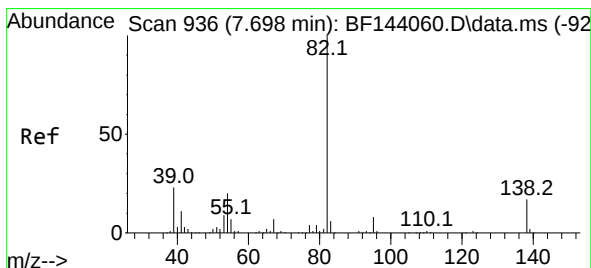
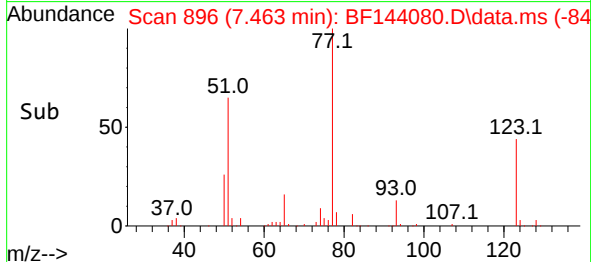
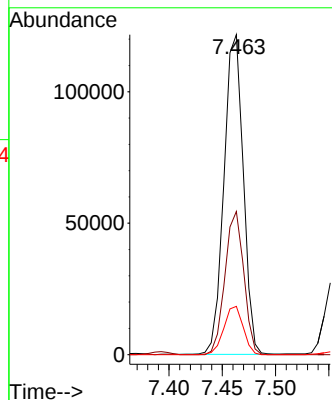
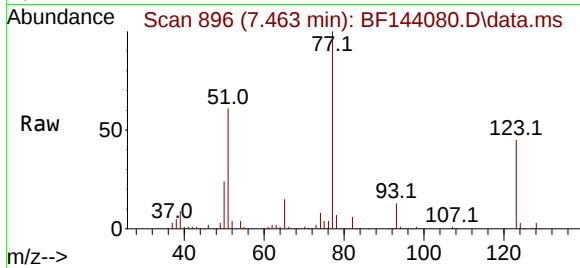




#24
Nitrobenzene
Concen: 45.543 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

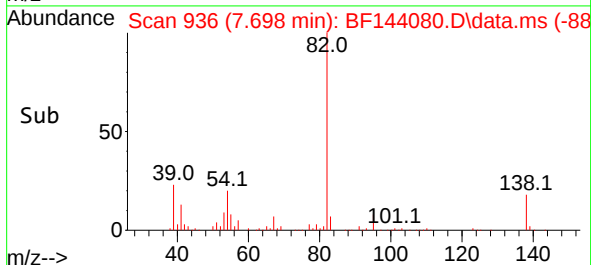
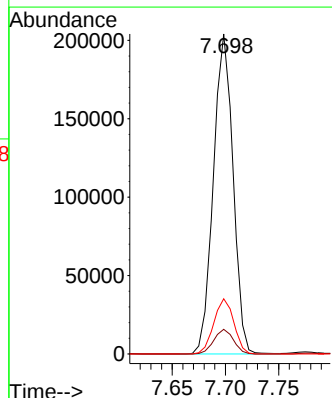
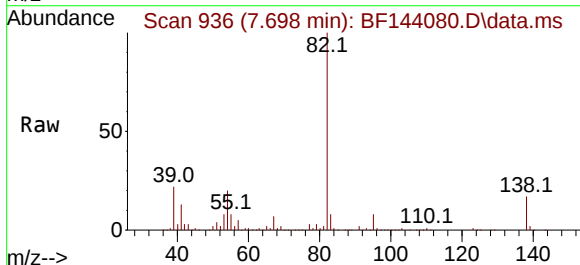
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

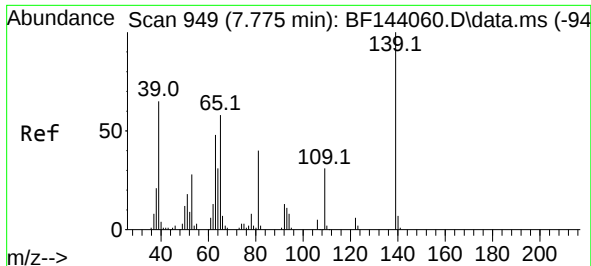
Tgt Ion: 77 Resp: 152986
Ion Ratio Lower Upper
77 100
123 44.8 35.0 52.6
65 15.1 12.2 18.2



#25
Isophorone
Concen: 47.150 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 82 Resp: 261760
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.3 13.8 20.8

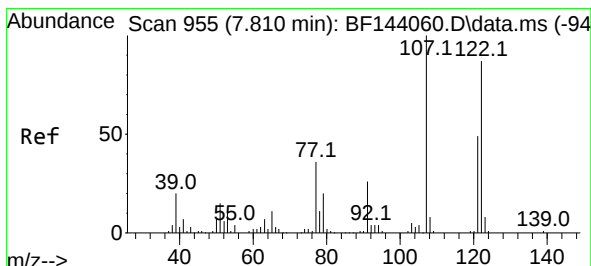
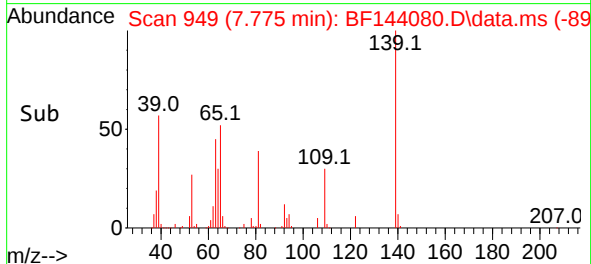
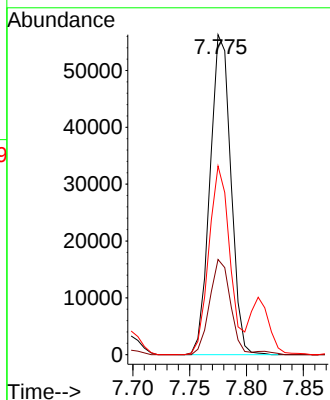
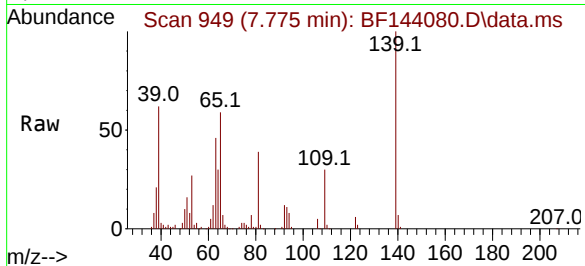




#26
2-Nitrophenol
Concen: 45.016 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

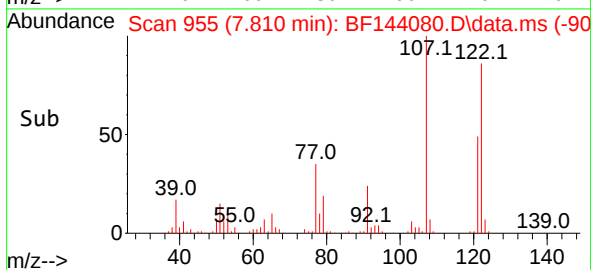
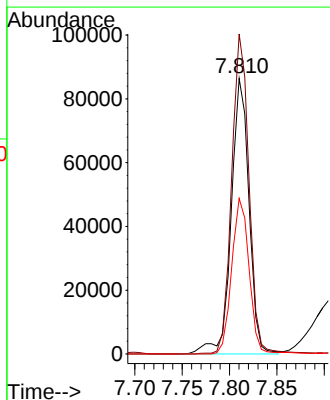
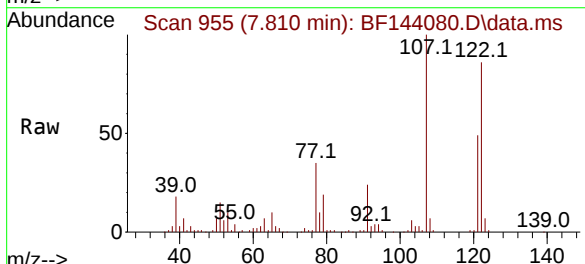
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

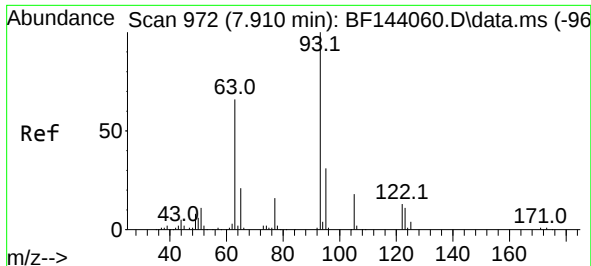
Tgt Ion:139 Resp: 71936
Ion Ratio Lower Upper
139 100
109 29.7 24.6 37.0
65 58.9 46.6 69.8



#27
2,4-Dimethylphenol
Concen: 47.529 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:122 Resp: 112868
Ion Ratio Lower Upper
122 100
107 116.1 91.8 137.8
121 56.5 45.2 67.8

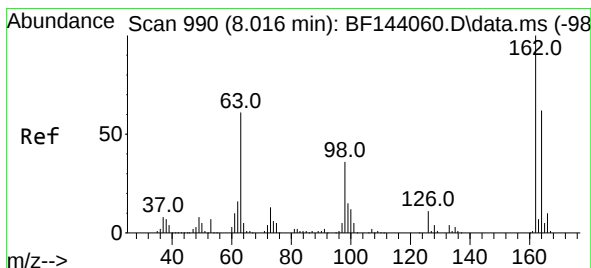
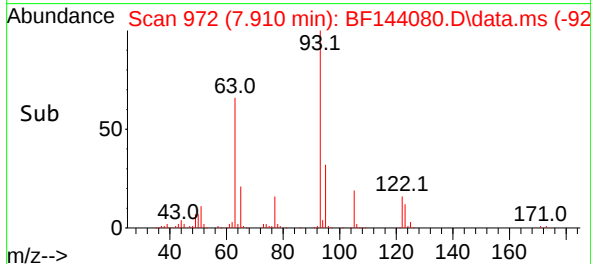
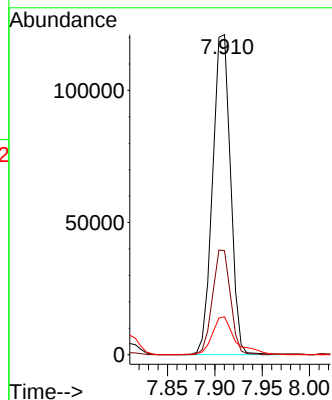
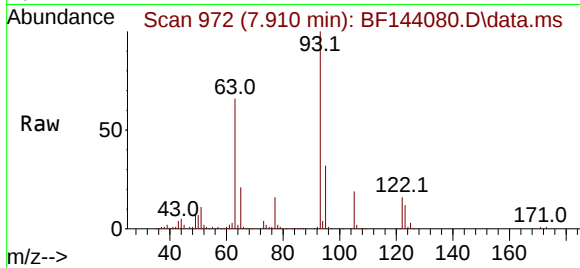




#28
bis(2-Chloroethoxy)methane
Concen: 46.069 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

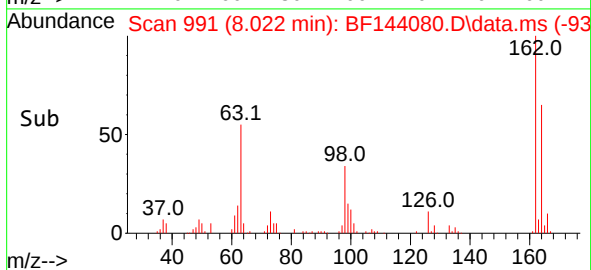
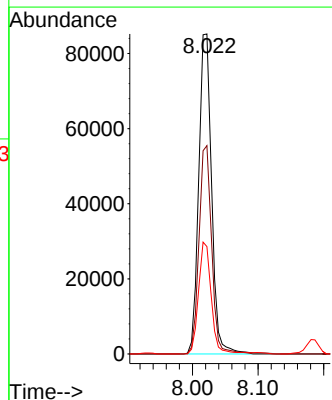
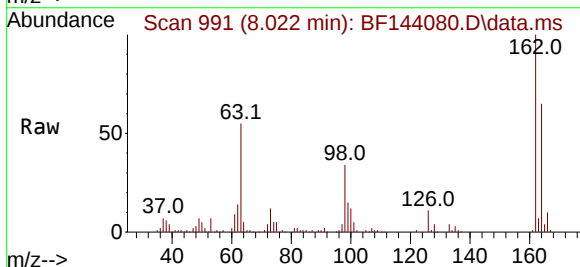
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

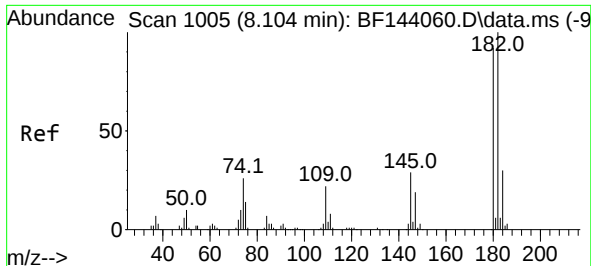
Tgt Ion: 93 Resp: 159497
Ion Ratio Lower Upper
93 100
95 32.5 24.6 36.8
123 11.9 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 42.412 ng
RT: 8.022 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:162 Resp: 117125
Ion Ratio Lower Upper
162 100
164 65.1 42.1 82.1
98 33.6 16.0 56.0

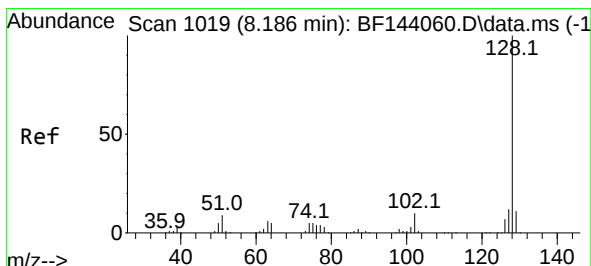
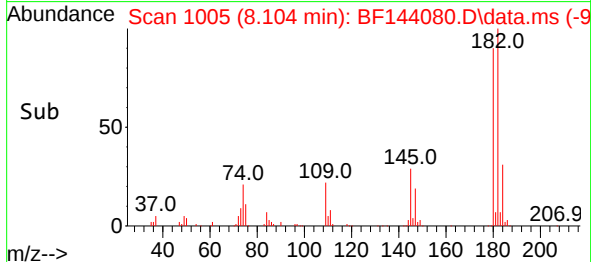
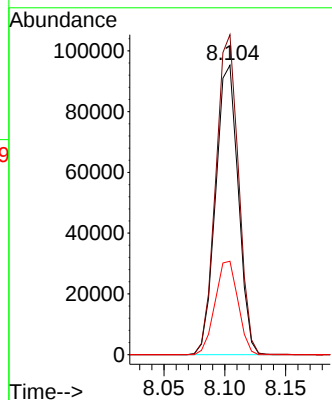
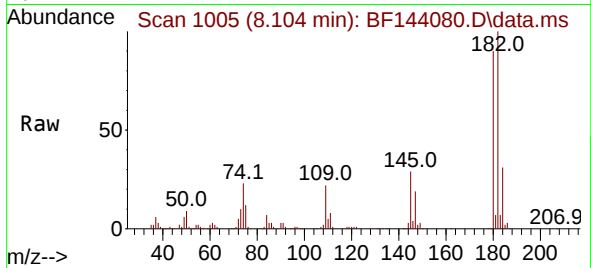




#30
1,2,4-Trichlorobenzene
Concen: 43.404 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

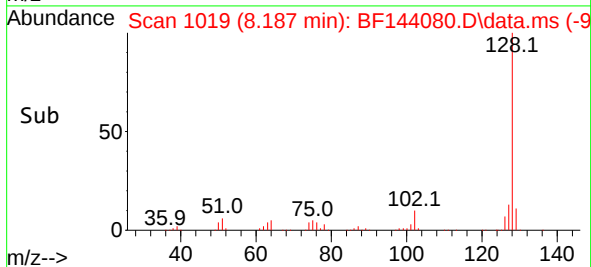
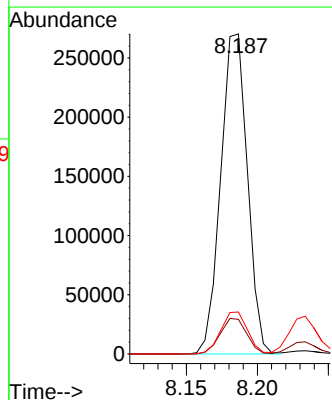
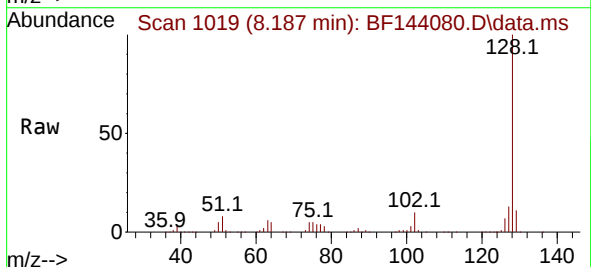
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

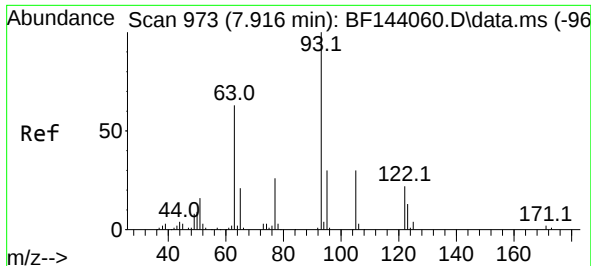
Tgt Ion:180 Resp: 123315
Ion Ratio Lower Upper
180 100
182 110.5 87.1 130.7
145 32.3 25.3 37.9



#31
Naphthalene
Concen: 43.067 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:128 Resp: 353624
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 9.9 14.9

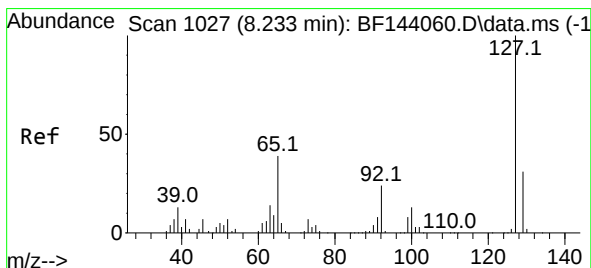
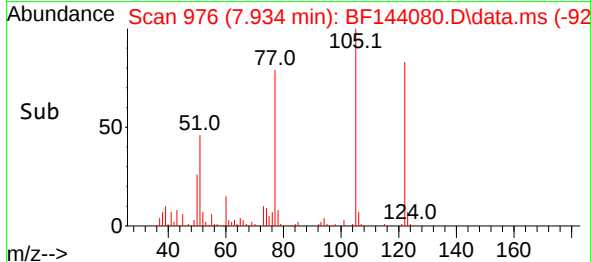
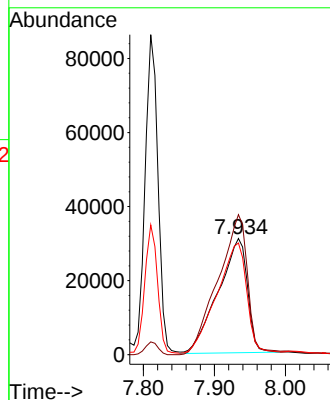
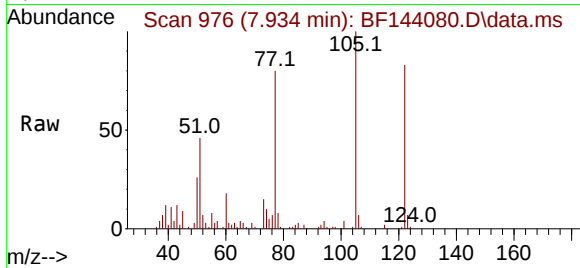




#32
Benzoic acid
Concen: 58.695 ng
RT: 7.934 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

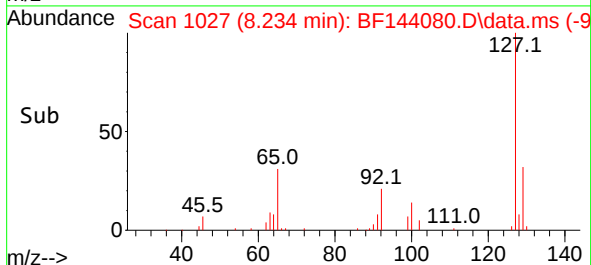
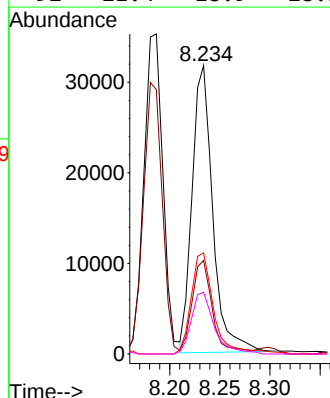
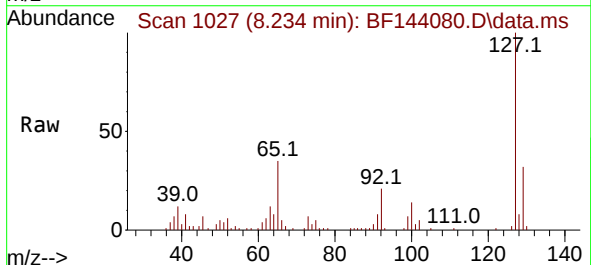
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

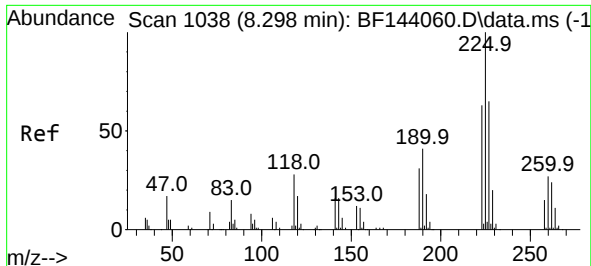
Tgt Ion:122 Resp: 88413
Ion Ratio Lower Upper
122 100
105 120.5 111.3 151.3
77 96.2 96.7 136.7#



#33
4-Chloroaniline
Concen: 15.890 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

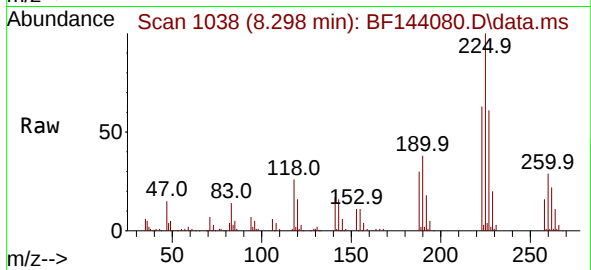
Tgt Ion:127 Resp: 45421
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 35.0 30.9 46.3
92 21.4 18.9 28.3



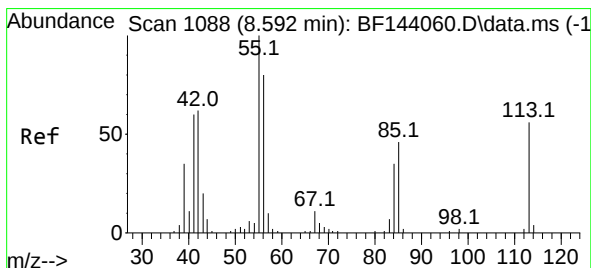
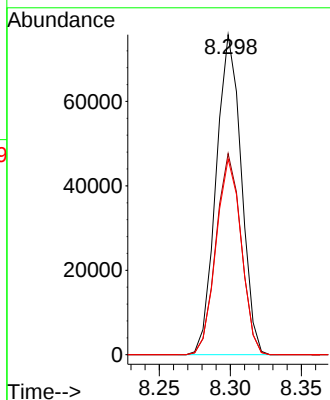
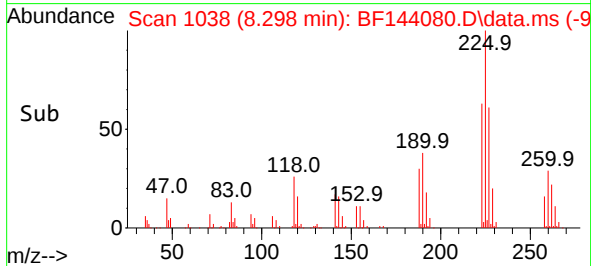


#34
Hexachlorobutadiene
Concen: 40.157 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

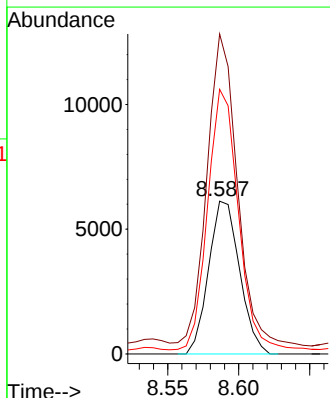
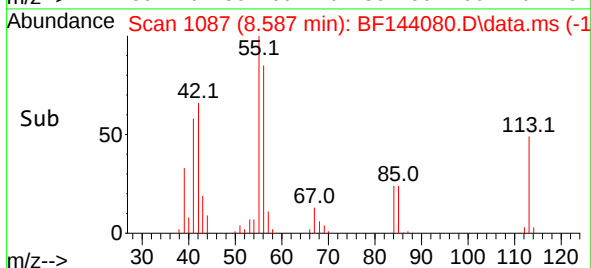
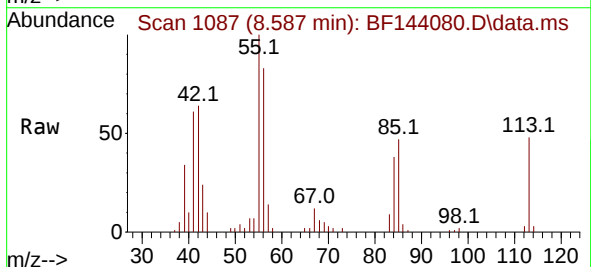


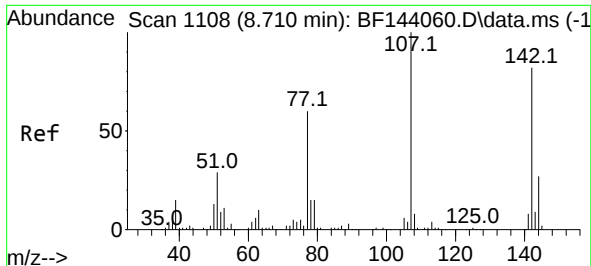
Tgt Ion:225 Resp: 93289
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 61.2 51.8 77.8



#35
Caprolactam
Concen: 13.374 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:113 Resp: 9262
Ion Ratio Lower Upper
113 100
55 209.4 160.1 200.1#
56 173.1 124.9 164.9#

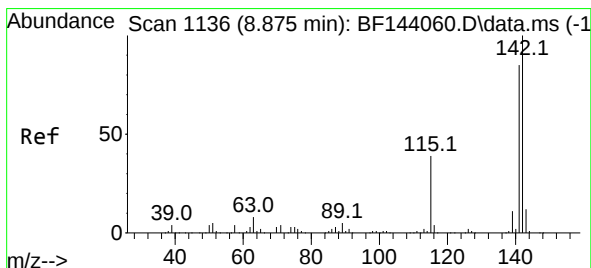
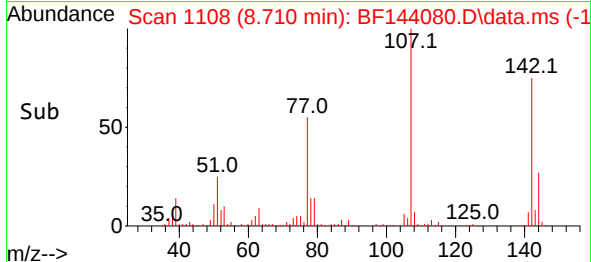
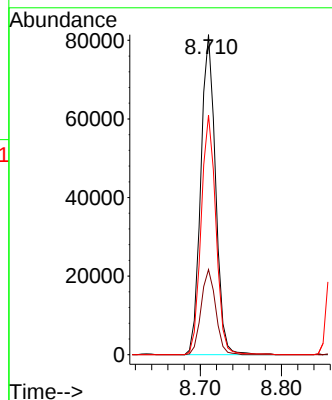
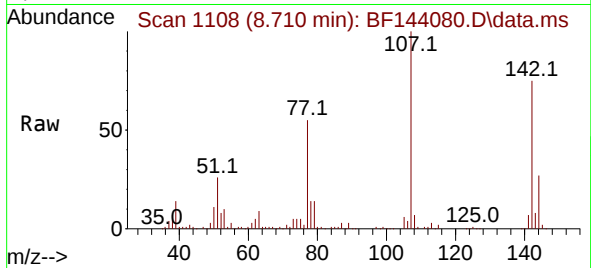




#36
4-Chloro-3-methylphenol
Concen: 42.208 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

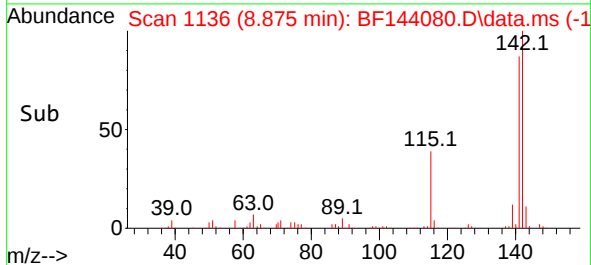
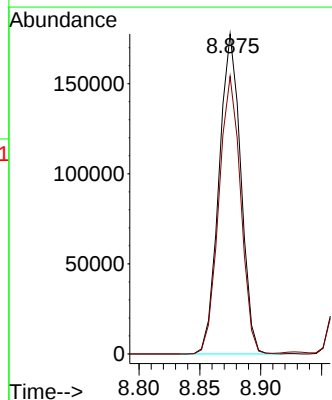
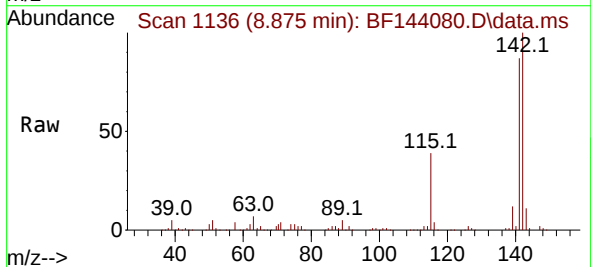
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

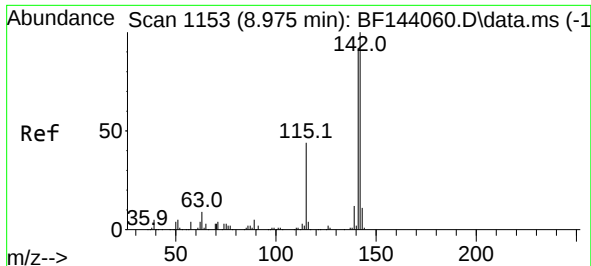
Tgt Ion:107 Resp: 102864
Ion Ratio Lower Upper
107 100
144 26.6 21.6 32.4
142 74.8 65.4 98.0



#37
2-Methylnaphthalene
Concen: 40.842 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:142 Resp: 221101
Ion Ratio Lower Upper
142 100
141 86.8 67.6 101.4

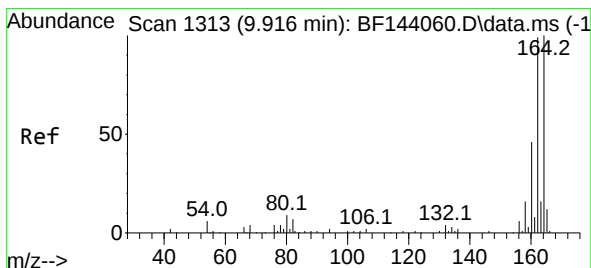
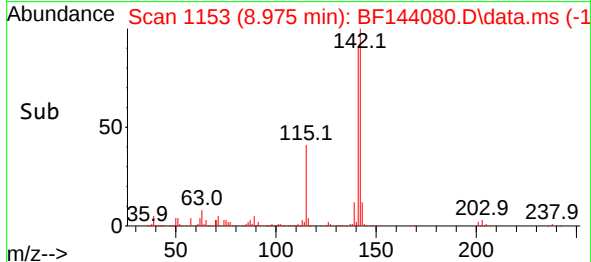
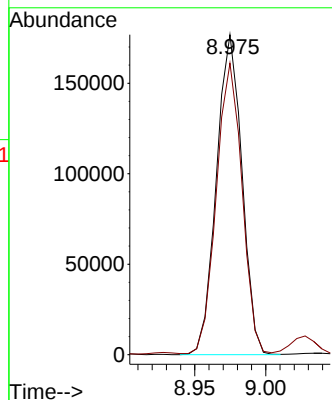
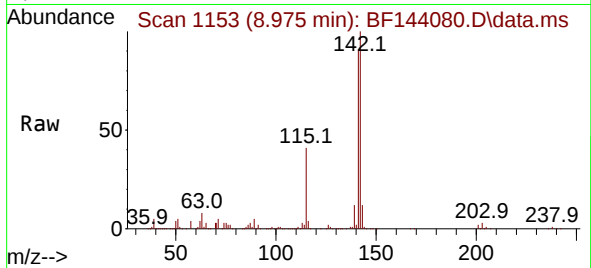




#38
1-Methylnaphthalene
Concen: 43.096 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

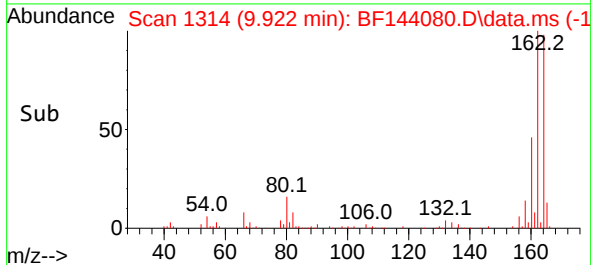
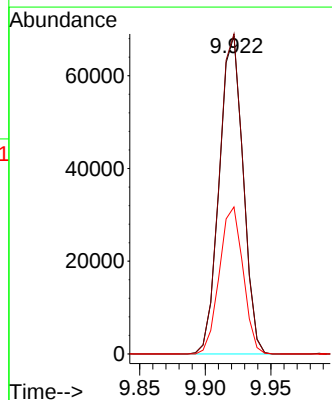
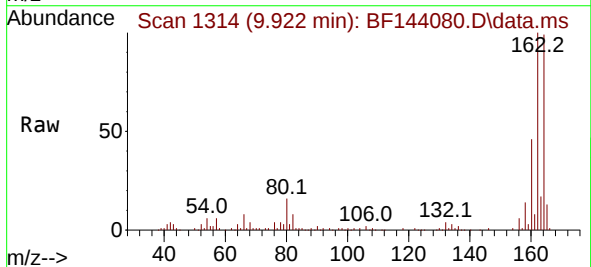
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

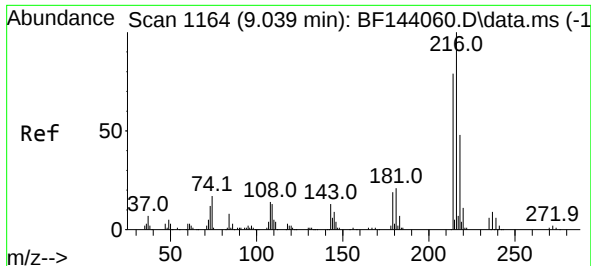
Tgt Ion:142 Resp: 221036
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:164 Resp: 86535
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 46.2 36.7 55.1

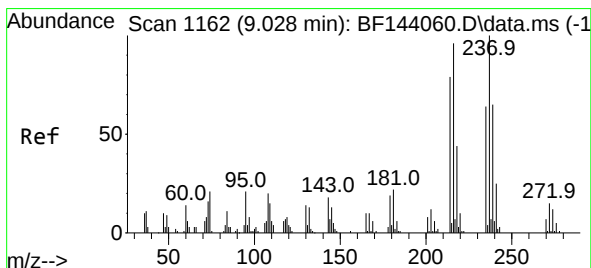
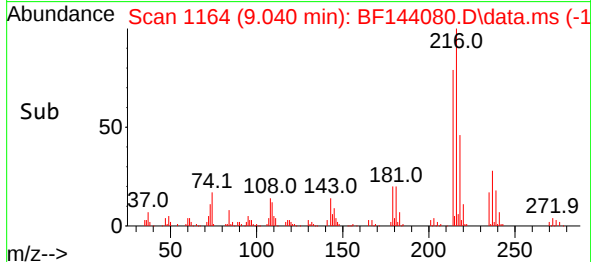
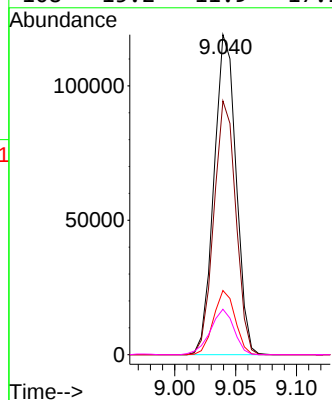
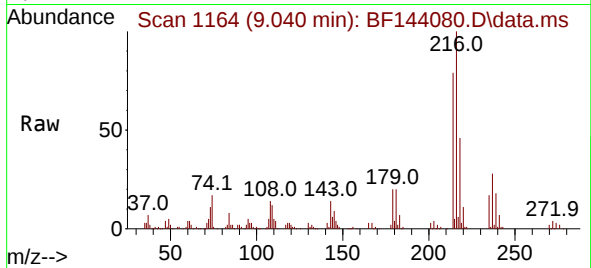




#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.542 ng
RT: 9.040 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

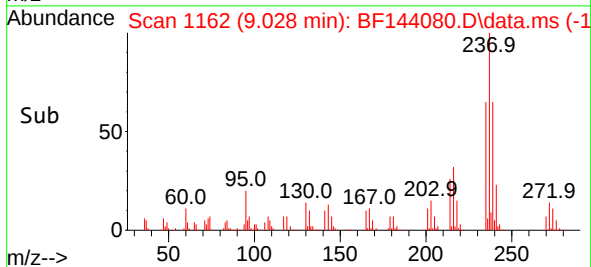
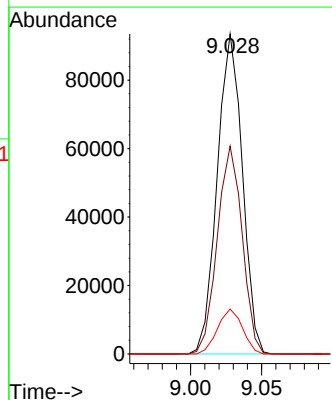
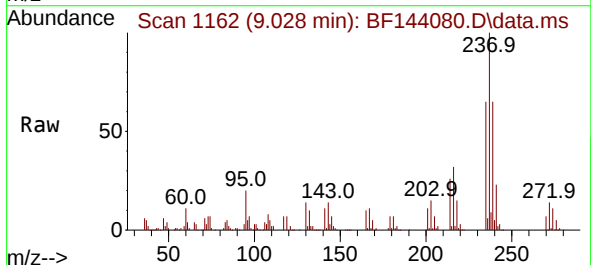
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

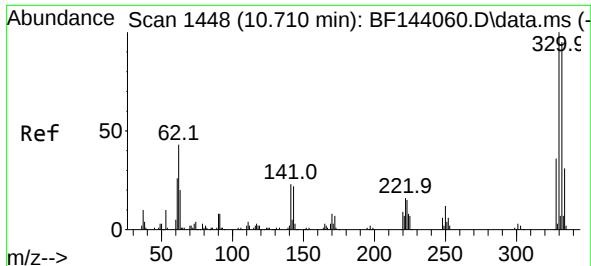
Tgt Ion:	216	Resp:	150315
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	19.6	15.2	22.8
108	15.2	11.9	17.9



#41
Hexachlorocyclopentadiene
Concen: 125.257 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:	237	Resp:	115058
Ion	Ratio	Lower	Upper
237	100		
235	64.9	44.3	84.3
272	14.0	0.0	35.2





#42

2,4,6-Tribromophenol

Concen: 86.494 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

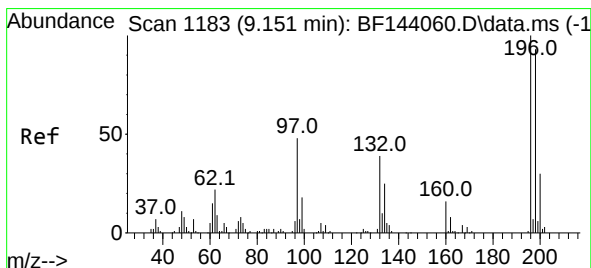
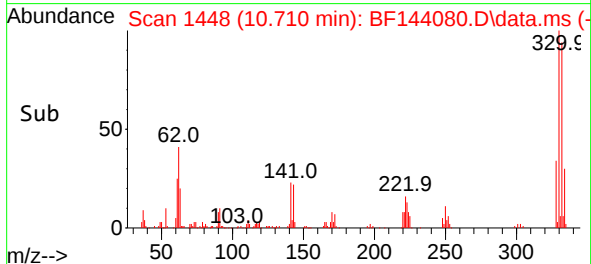
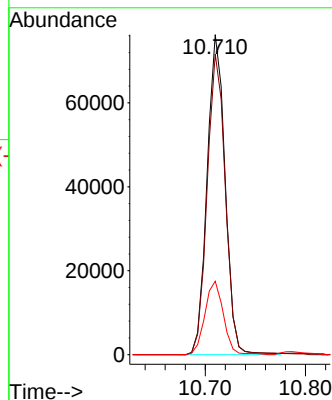
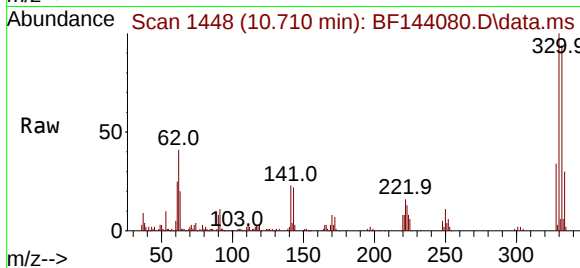
Tgt Ion:330 Resp: 95341

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 23.6 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 47.676 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

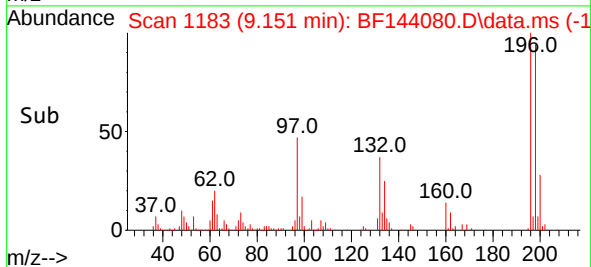
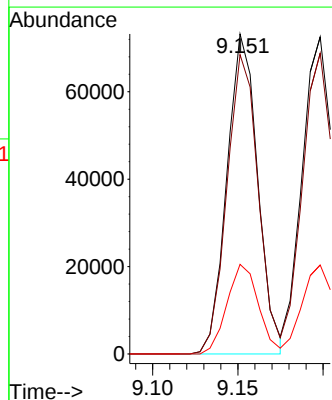
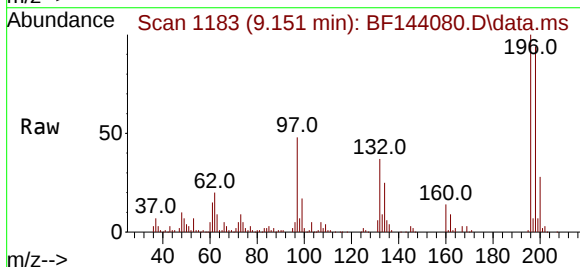
Tgt Ion:196 Resp: 92163

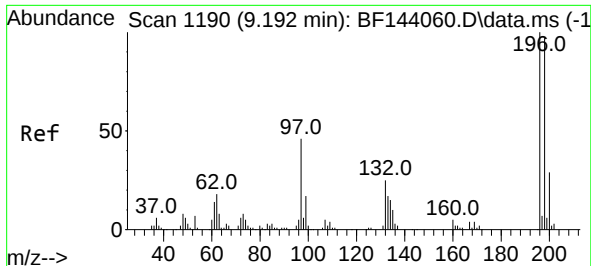
Ion Ratio Lower Upper

196 100

198 93.5 74.4 111.6

200 28.0 23.8 35.8

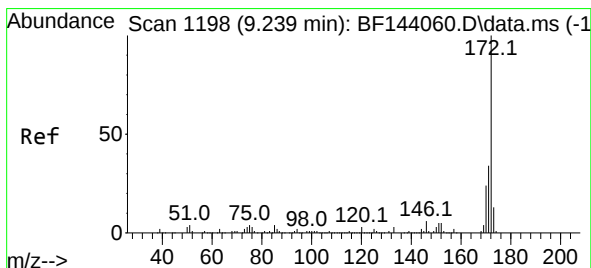
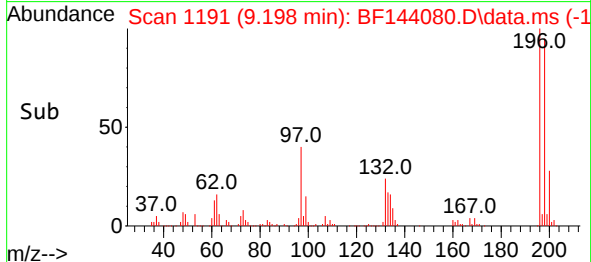
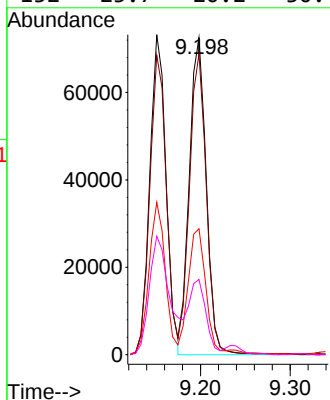
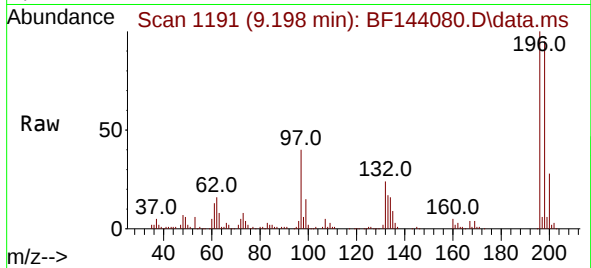




#44
2,4,5-Trichlorophenol
Concen: 47.140 ng
RT: 9.198 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

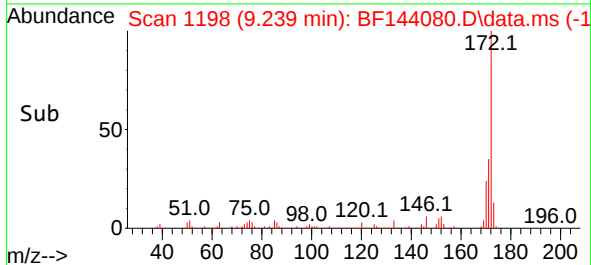
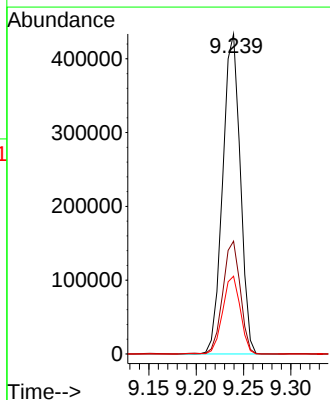
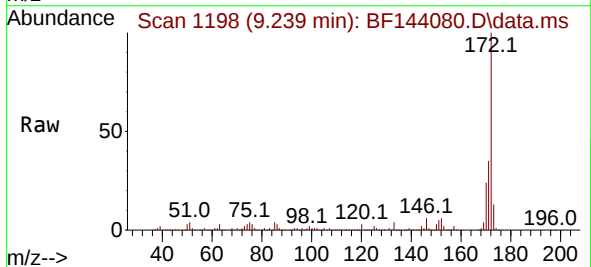
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

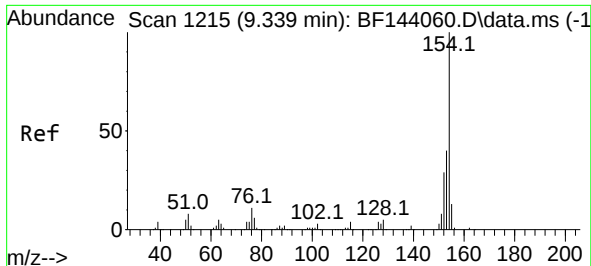
Tgt Ion:196 Resp: 95638
Ion Ratio Lower Upper
196 100
198 94.8 78.0 117.0
97 39.7 37.7 56.5
132 23.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 91.050 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:172 Resp: 559903
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 24.3 19.0 28.6

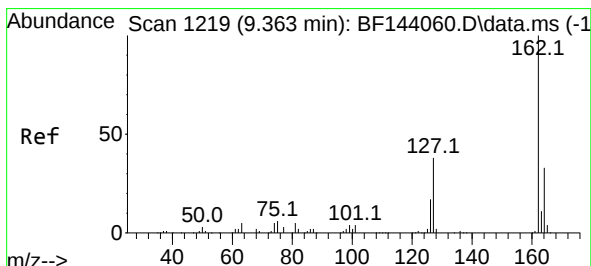
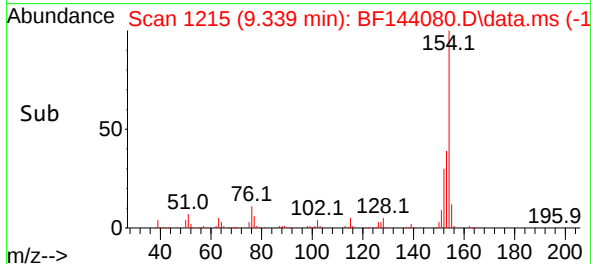
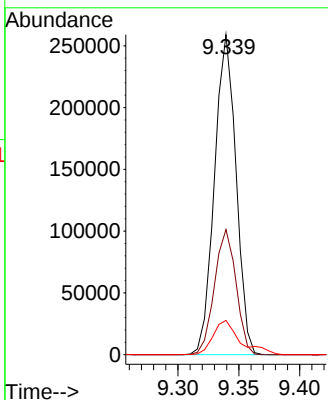
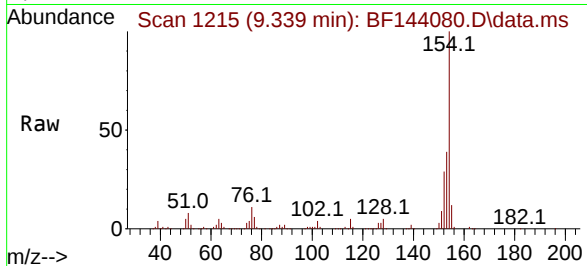




#46
1,1'-Biphenyl
Concen: 51.516 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

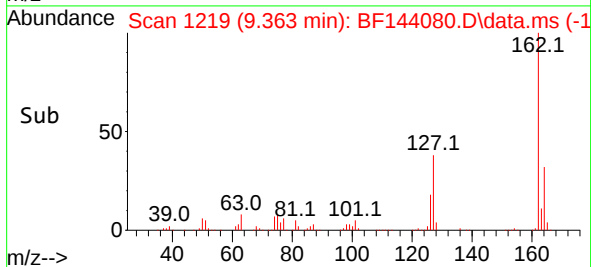
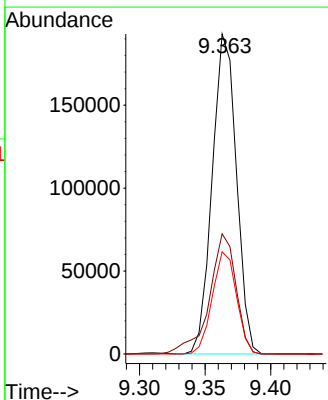
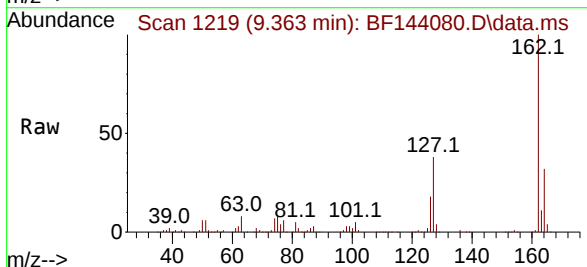
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

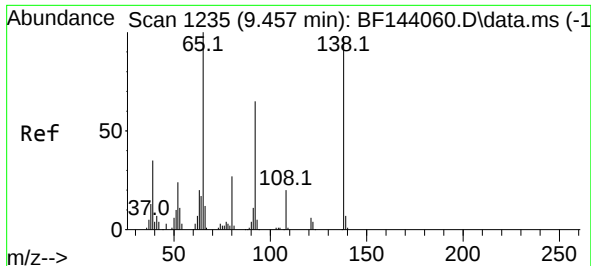
Tgt Ion:154 Resp: 319119
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 10.7 0.0 31.1



#47
2-Chloronaphthalene
Concen: 47.664 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:162 Resp: 247362
Ion Ratio Lower Upper
162 100
127 37.6 31.6 47.4
164 31.9 26.5 39.7

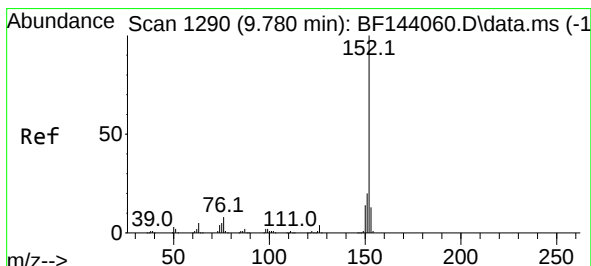
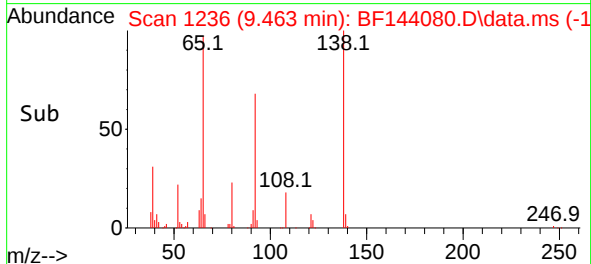
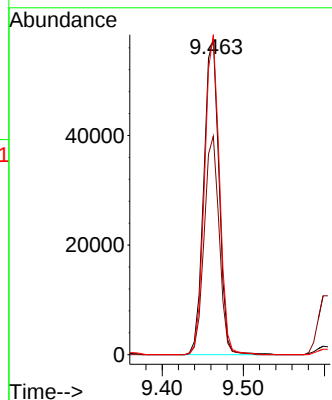
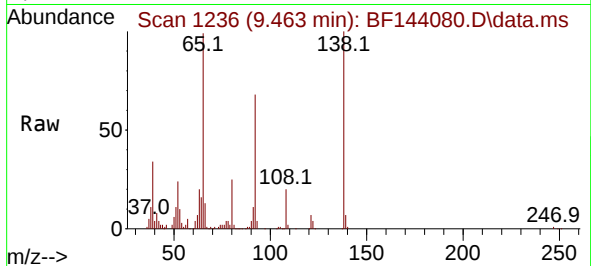




#48
2-Nitroaniline
Concen: 48.607 ng
RT: 9.463 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

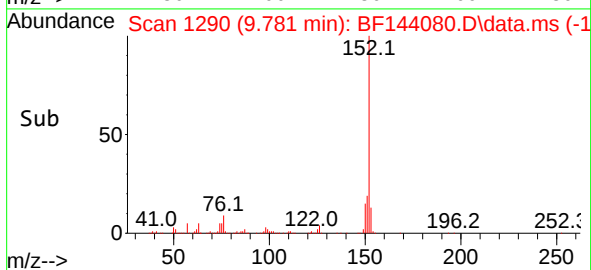
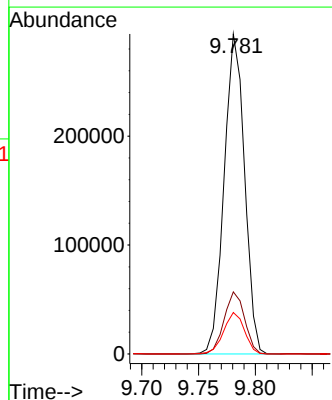
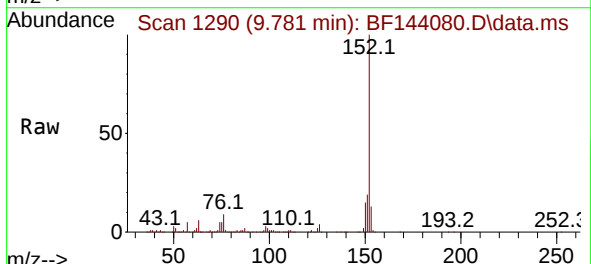
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

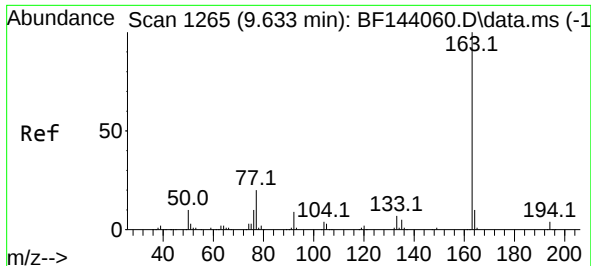
Tgt Ion: 65 Resp: 74906
Ion Ratio Lower Upper
65 100
92 69.2 52.3 78.5
138 101.3 78.3 117.5



#49
Acenaphthylene
Concen: 52.536 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 152 Resp: 367620
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 12.9 10.4 15.6

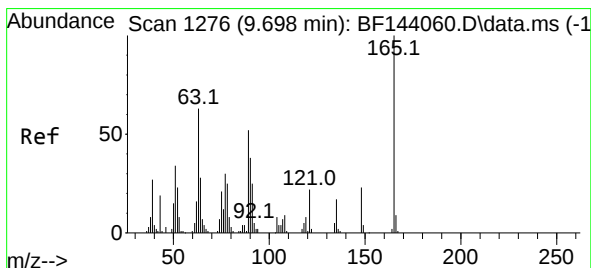
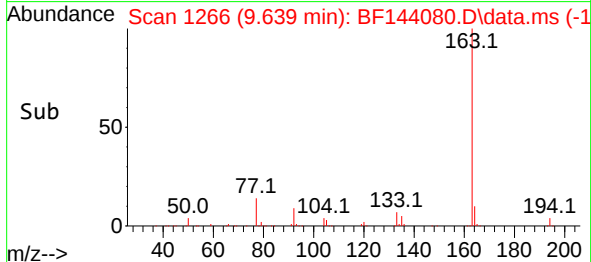
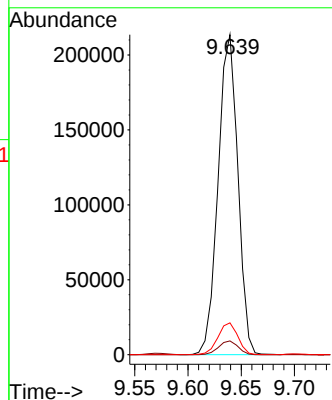
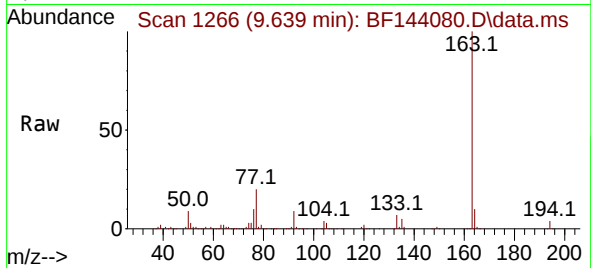




#50
Dimethylphthalate
Concen: 48.503 ng
RT: 9.639 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

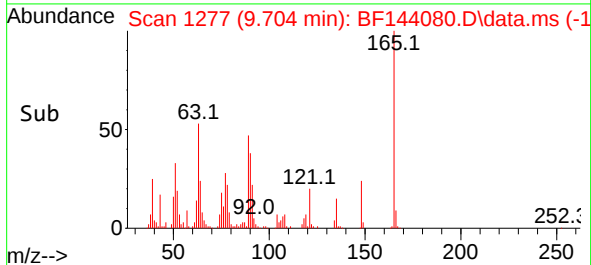
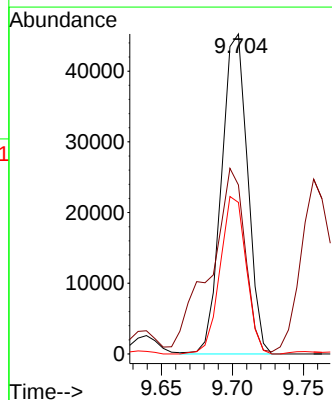
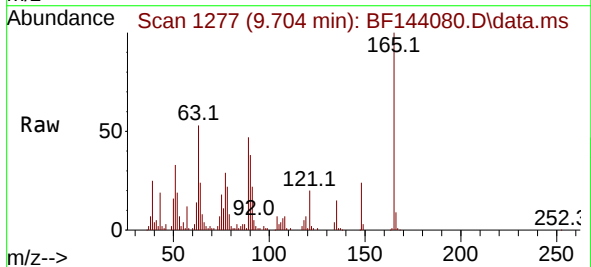
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

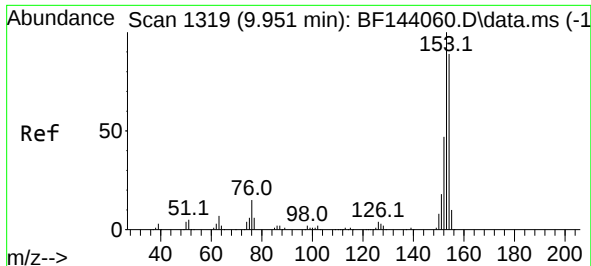
Tgt Ion:163 Resp: 275121
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 51.660 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:165 Resp: 57929
Ion Ratio Lower Upper
165 100
63 52.8 50.4 75.6
89 47.4 41.4 62.2

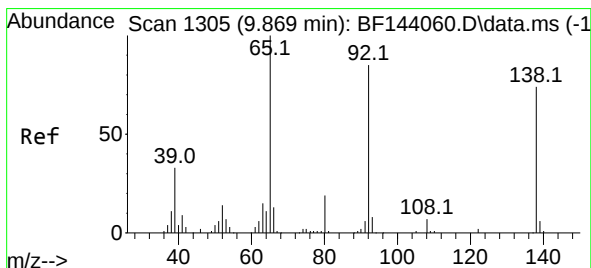
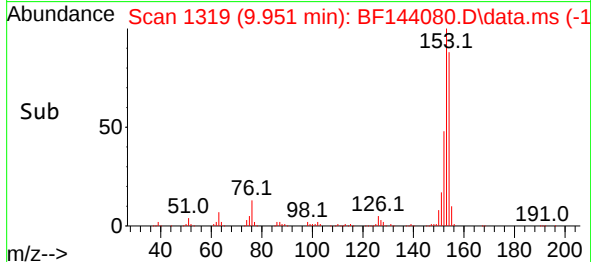
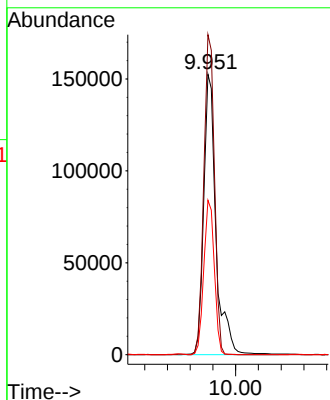
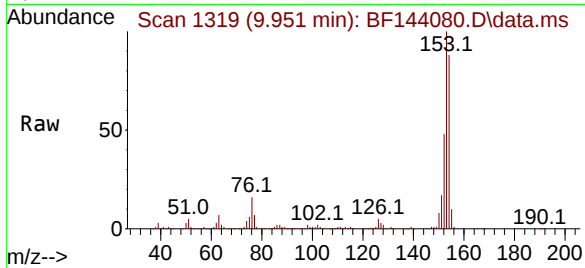




#52
Acenaphthene
Concen: 48.985 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

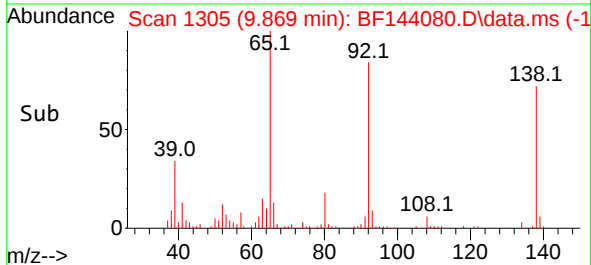
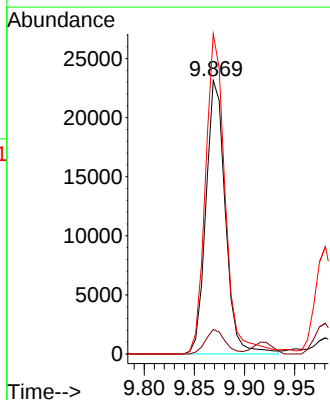
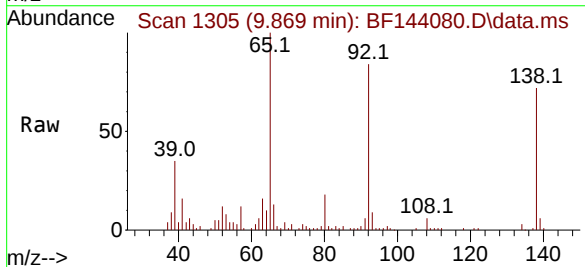
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

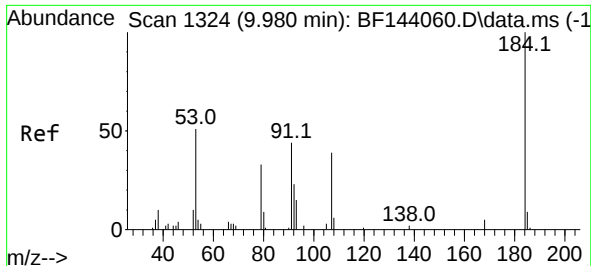
Tgt Ion:154 Resp: 228917
Ion Ratio Lower Upper
154 100
153 114.1 89.9 134.9
152 55.1 42.0 63.0



#53
3-Nitroaniline
Concen: 25.097 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:138 Resp: 31289
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 117.0 92.0 138.0

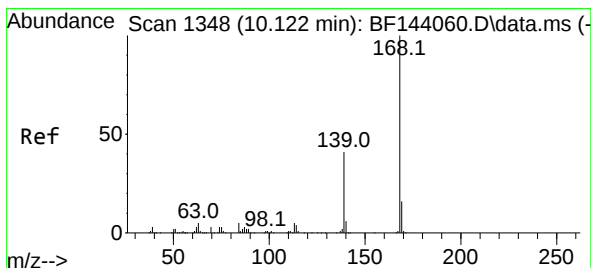
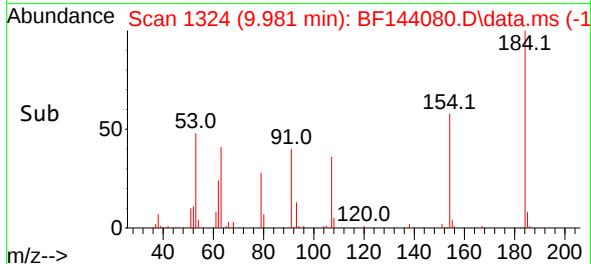
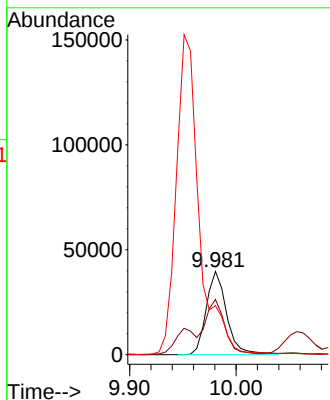
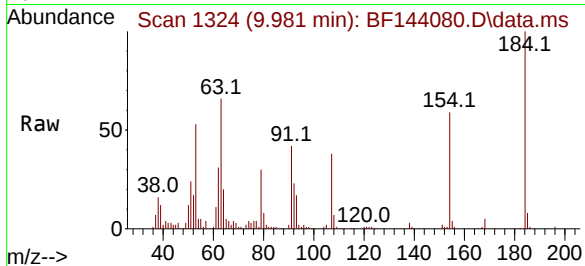




#54
2,4-Dinitrophenol
Concen: 87.680 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

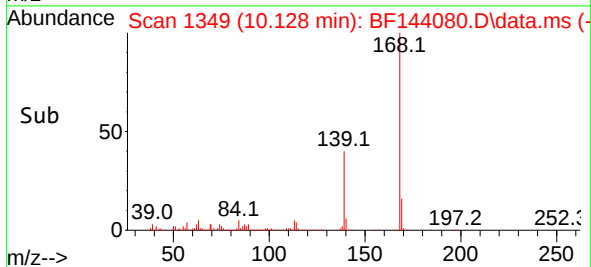
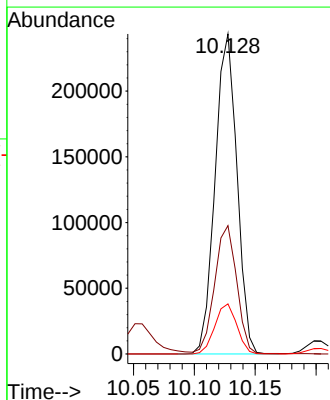
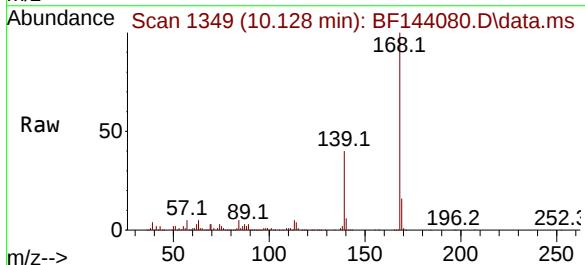
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

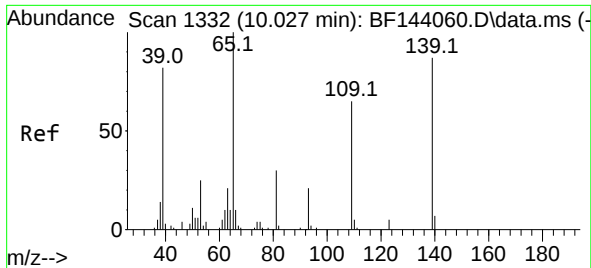
Tgt Ion:184 Resp: 53177
Ion Ratio Lower Upper
184 100
63 66.4 52.1 78.1
154 58.9 47.9 71.9



#55
Dibenzofuran
Concen: 46.925 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:168 Resp: 304441
Ion Ratio Lower Upper
168 100
139 40.1 33.2 49.8
169 15.7 12.6 19.0

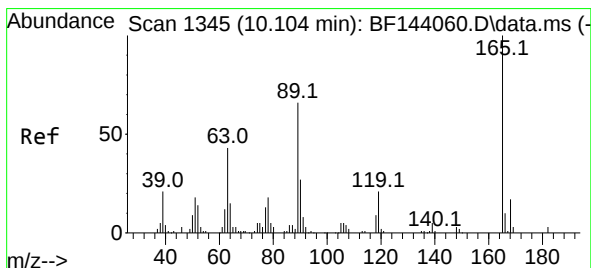
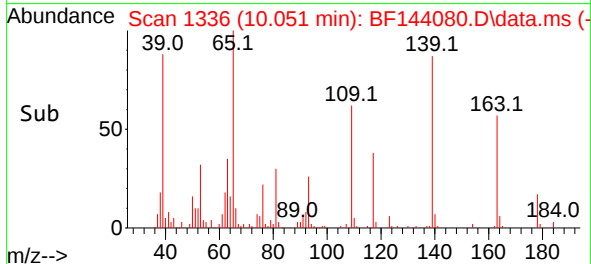
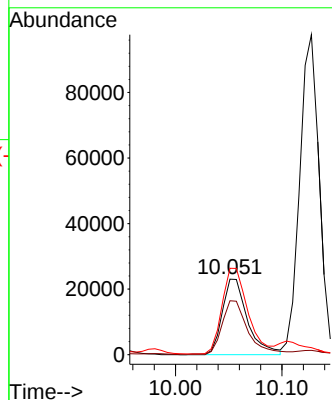
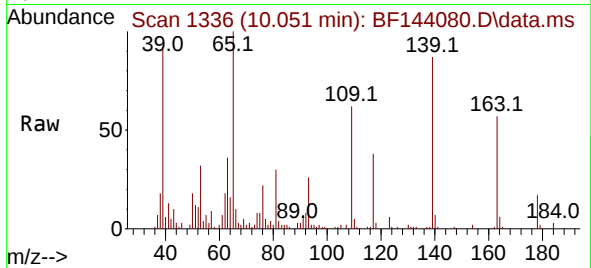




#56
4-Nitrophenol
Concen: 44.983 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.024 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

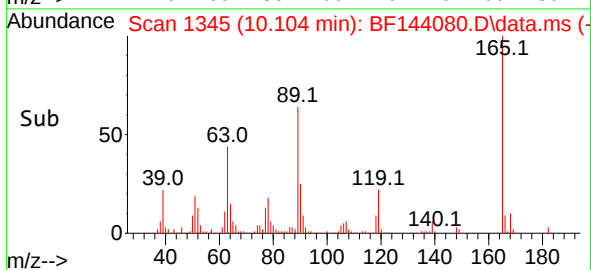
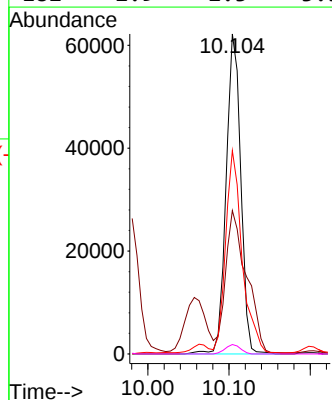
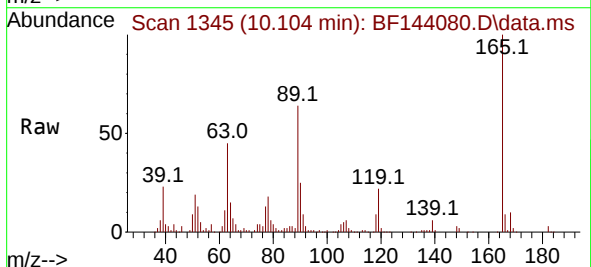
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

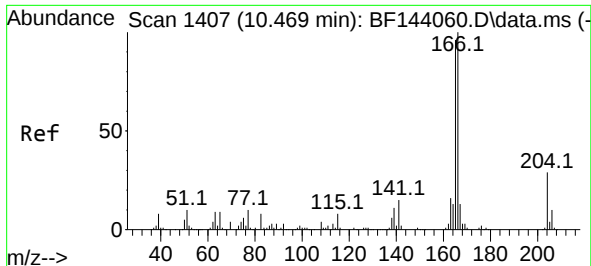
Tgt Ion:139 Resp: 37976
Ion Ratio Lower Upper
139 100
109 71.4 53.8 93.8
65 114.4 95.9 135.9



#57
2,4-Dinitrotoluene
Concen: 51.581 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:165 Resp: 78063
Ion Ratio Lower Upper
165 100
63 44.8 35.4 53.2
89 63.6 52.7 79.1
182 2.9 2.3 3.5

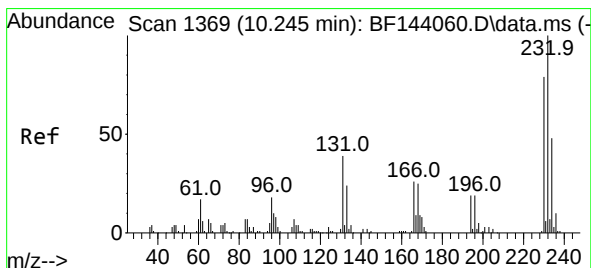
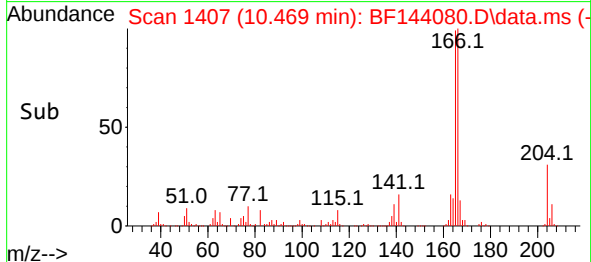
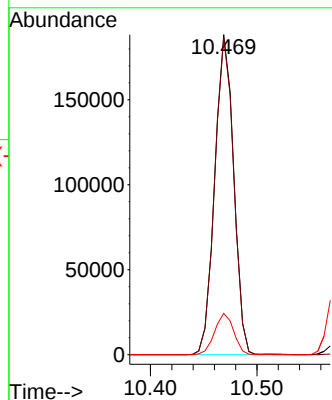
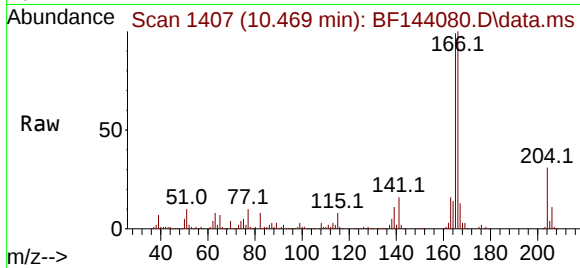




#58
 Fluorene
 Concen: 46.932 ng
 RT: 10.469 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

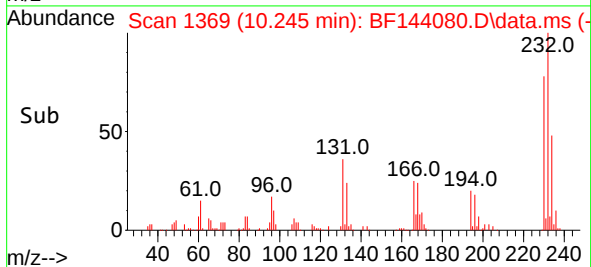
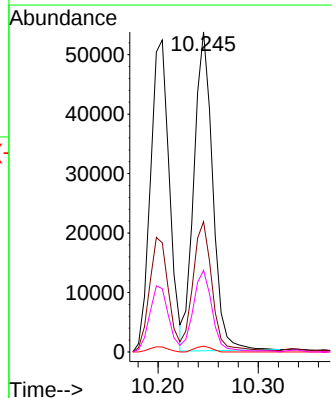
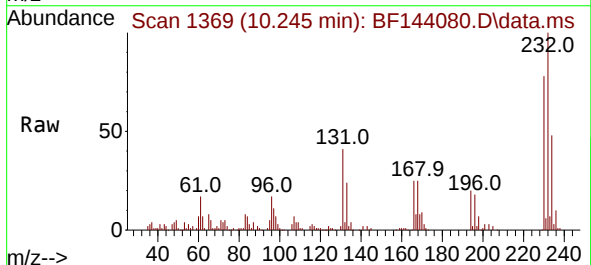
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

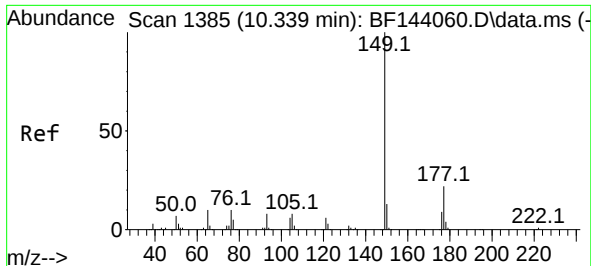
Tgt Ion:166 Resp: 232000
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.0 115.4
 167 12.9 10.2 15.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.794 ng
 RT: 10.245 min Scan# 1369
 Delta R.T. 0.000 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

Tgt Ion:232 Resp: 69758
 Ion Ratio Lower Upper
 232 100
 131 41.2 31.9 47.9
 130 1.6 1.1 1.7
 166 26.2 21.0 31.4

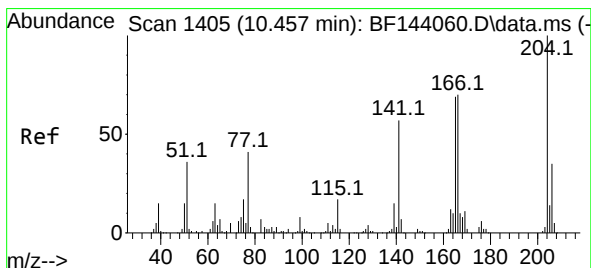
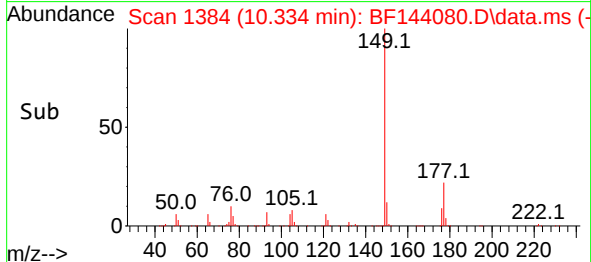
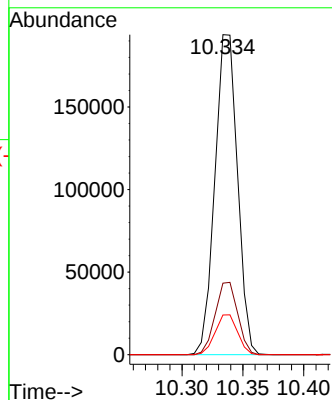
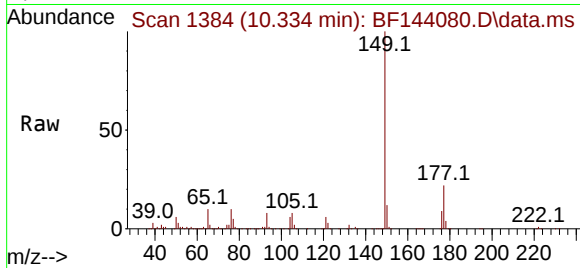




#60
Diethylphthalate
Concen: 46.990 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

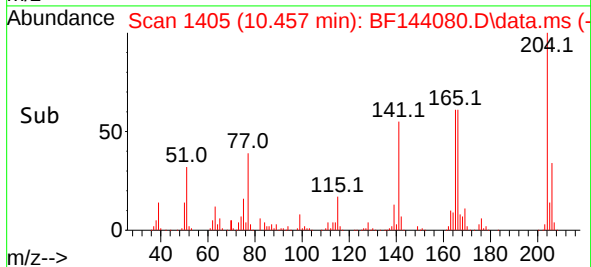
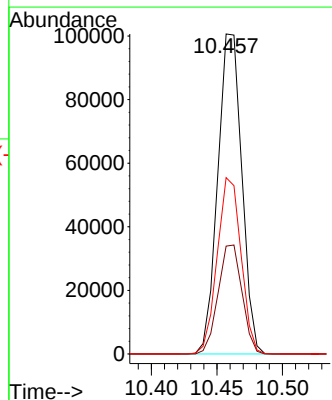
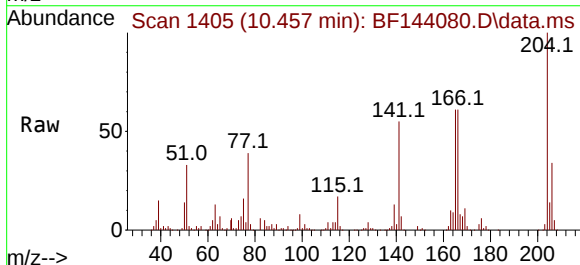
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

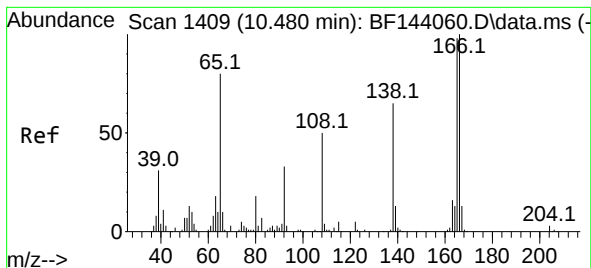
Tgt Ion:149 Resp: 250658
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 46.187 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:204 Resp: 128399
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 55.1 45.4 68.2

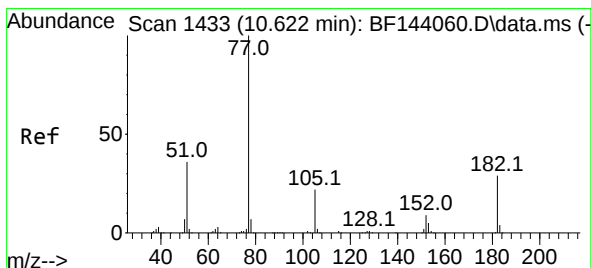
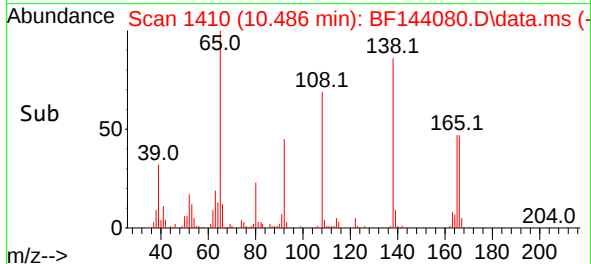
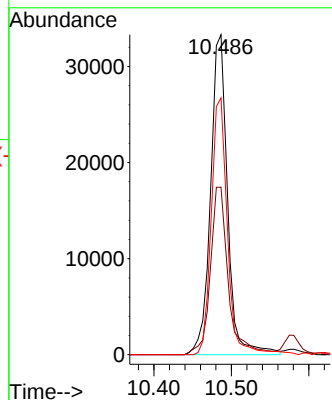
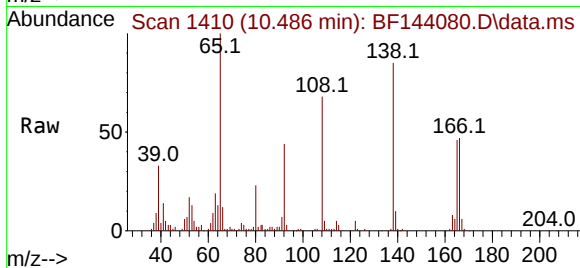




#62
4-Nitroaniline
Concen: 43.021 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

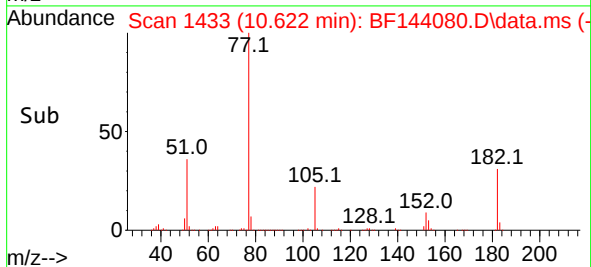
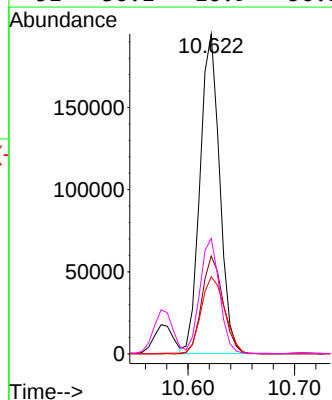
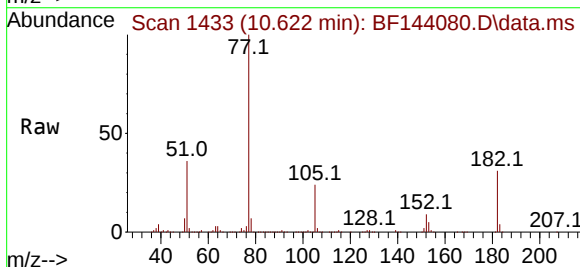
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

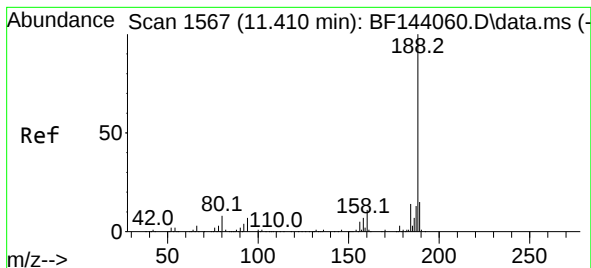
Tgt Ion:138 Resp: 50820
Ion Ratio Lower Upper
138 100
92 52.4 30.5 70.5
108 80.3 56.2 96.2



#63
Azobenzene
Concen: 49.416 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 77 Resp: 249492
Ion Ratio Lower Upper
77 100
182 30.6 9.0 49.0
105 24.1 1.4 41.4
51 36.1 16.9 56.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

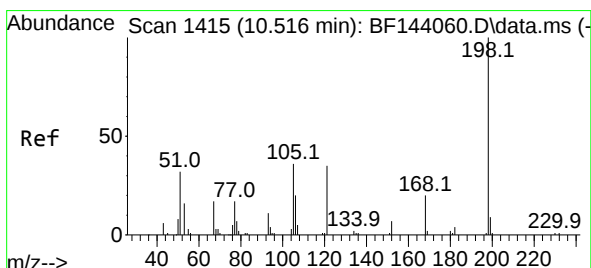
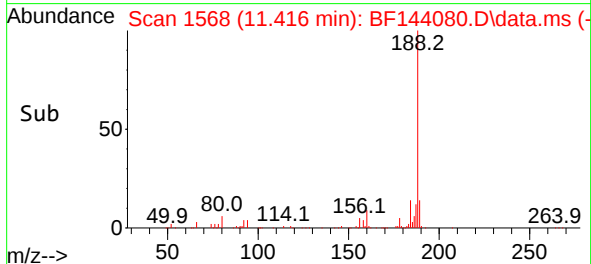
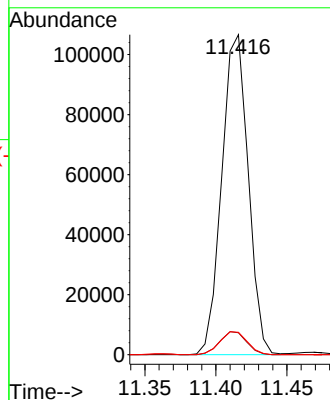
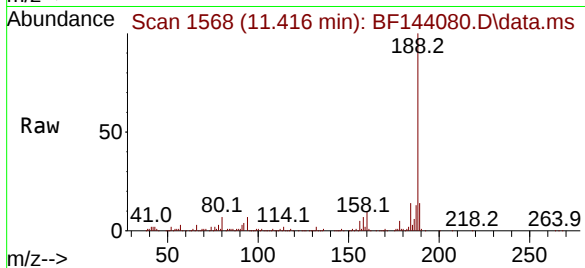
Tgt Ion:188 Resp: 138271

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.0 6.0 9.0



#65

4,6-Dinitro-2-methylphenol

Concen: 48.117 ng

RT: 10.516 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

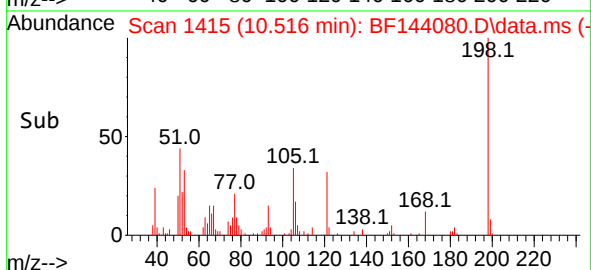
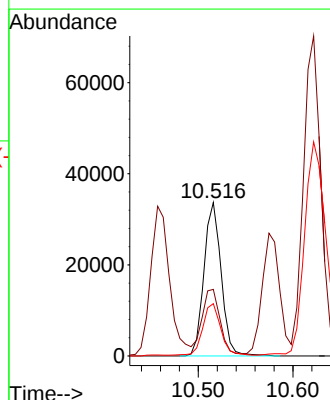
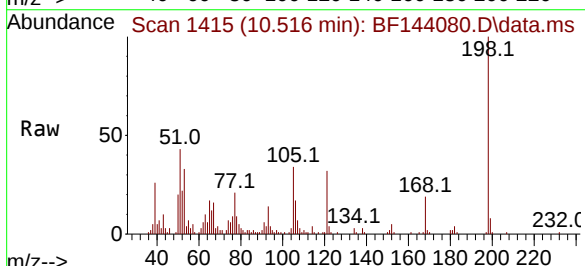
Tgt Ion:198 Resp: 42686

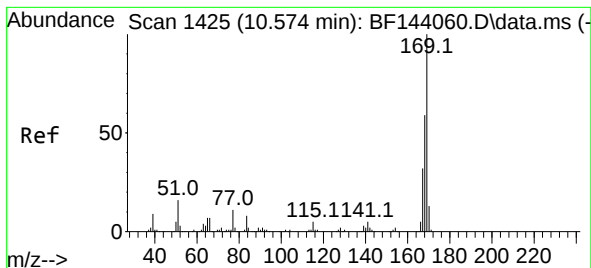
Ion Ratio Lower Upper

198 100

51 43.4 25.8 65.8

105 34.1 17.2 57.2





#66

n-Nitrosodiphenylamine

Concen: 50.065 ng

RT: 10.581 min Scan# 1425

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

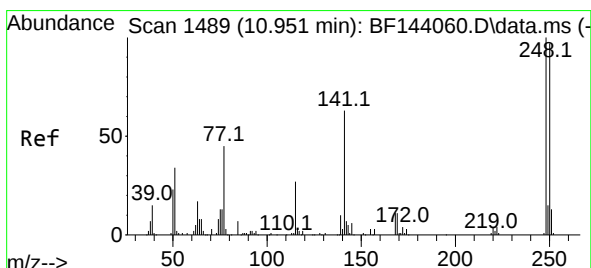
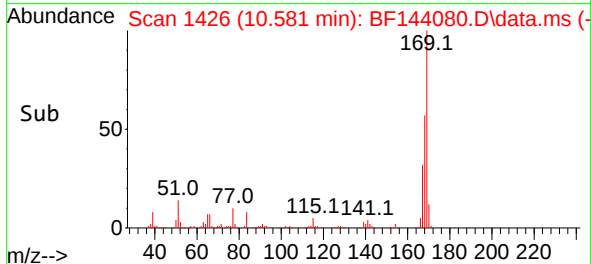
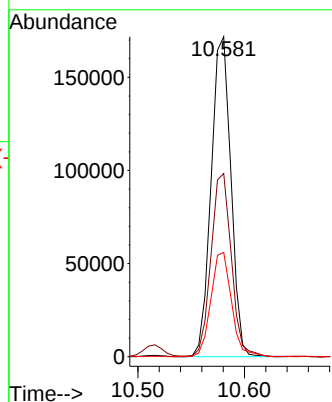
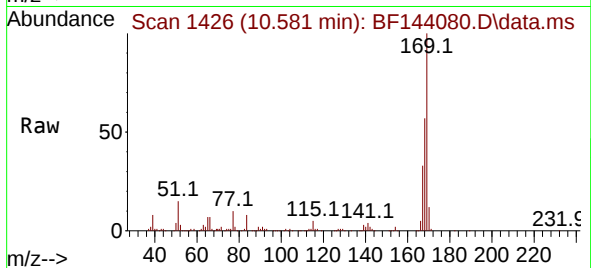
Tgt Ion:169 Resp: 221176

Ion Ratio Lower Upper

169 100

168 57.2 47.4 71.2

167 32.6 25.5 38.3



#67

4-Bromophenyl-phenylether

Concen: 36.046 ng

RT: 10.951 min Scan# 1489

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

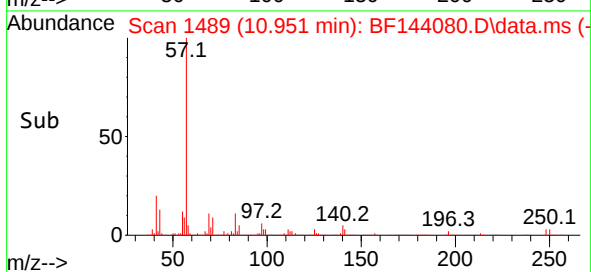
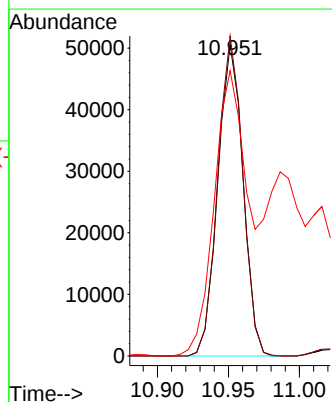
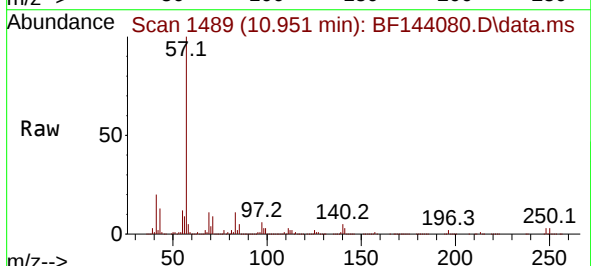
Tgt Ion:248 Resp: 62404

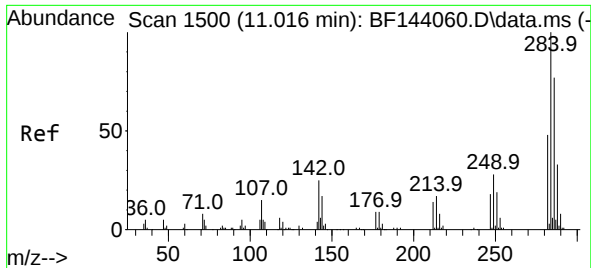
Ion Ratio Lower Upper

248 100

250 102.8 77.8 116.6

141 91.6 50.5 75.7#

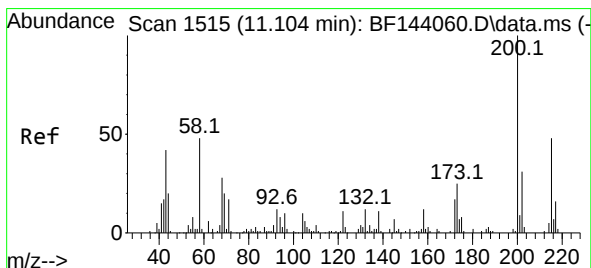
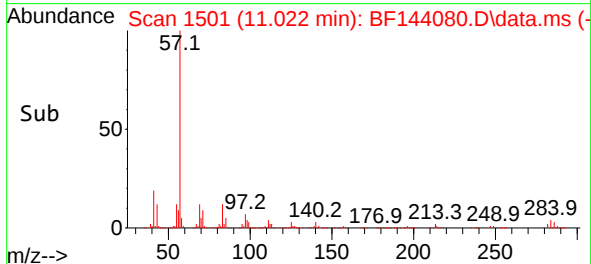
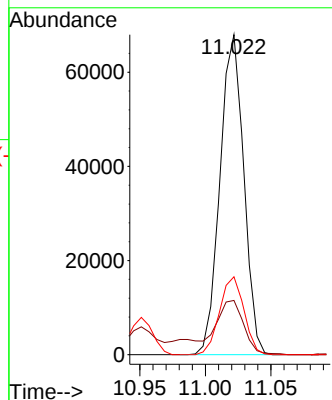
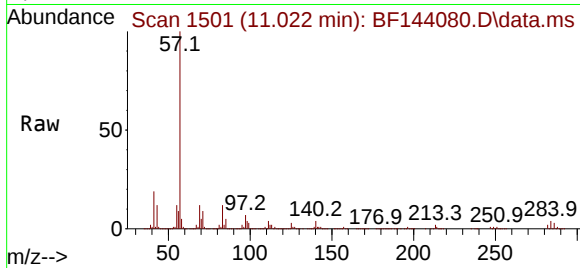




#68
Hexachlorobenzene
Concen: 40.346 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

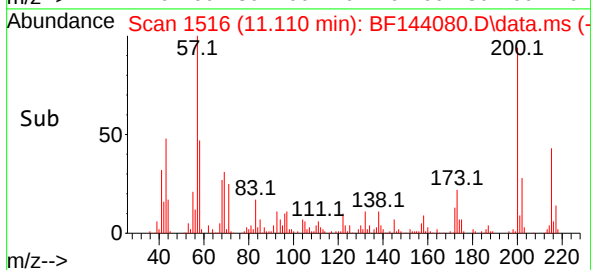
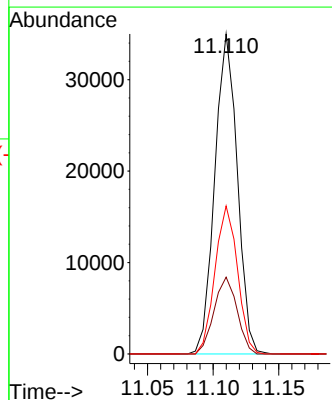
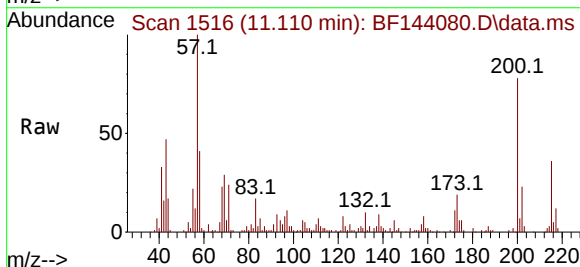
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

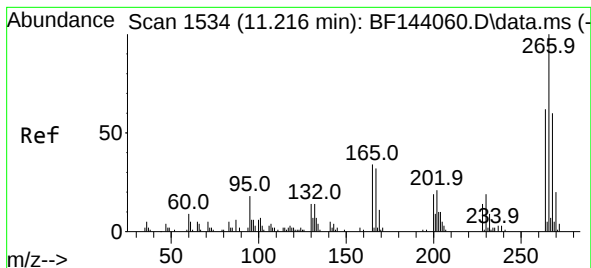
Tgt Ion:284 Resp: 85664
Ion Ratio Lower Upper
284 100
142 17.0 20.0 30.0#
249 24.3 22.2 33.2



#69
Atrazine
Concen: 28.748 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:200 Resp: 41676
Ion Ratio Lower Upper
200 100
173 24.0 4.9 44.9
215 46.2 28.2 68.2





#70

Pentachlorophenol

Concen: 94.653 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.012 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

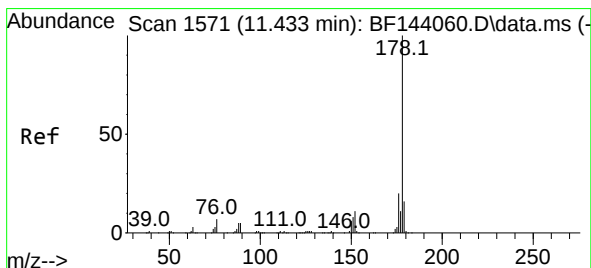
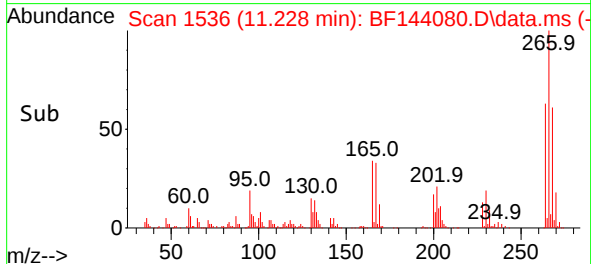
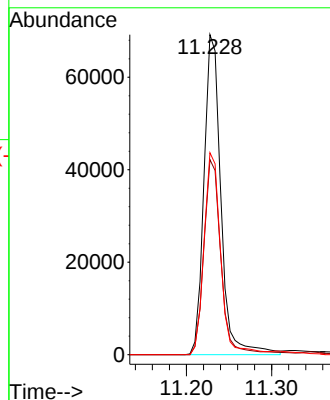
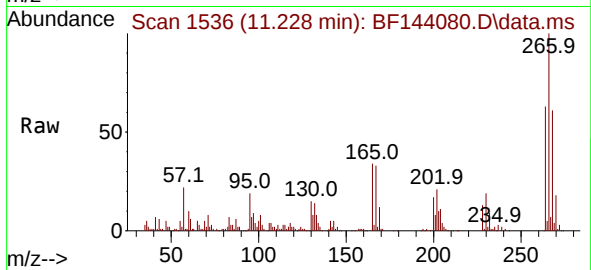
Tgt Ion:266 Resp: 95662

Ion Ratio Lower Upper

266 100

268 61.0 48.2 72.4

264 63.1 49.4 74.0



#71

Phenanthrene

Concen: 46.787 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

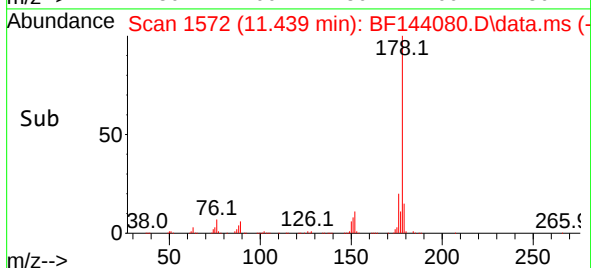
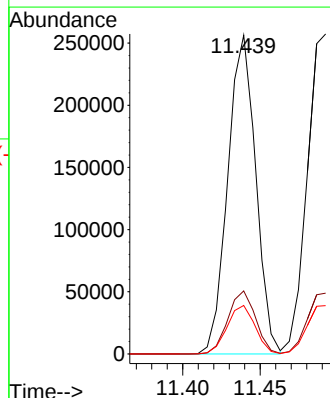
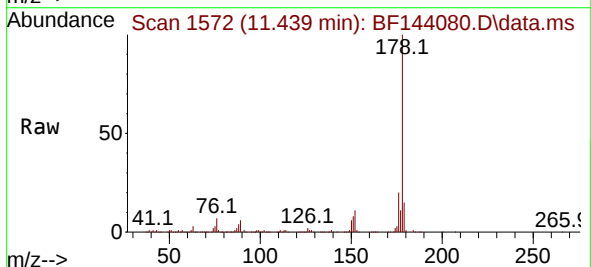
Tgt Ion:178 Resp: 321362

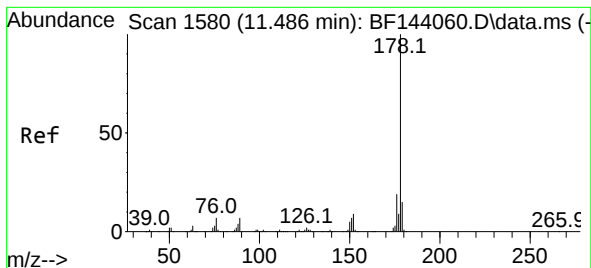
Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

179 15.2 12.6 18.8





#72

Anthracene

Concen: 47.139 ng

RT: 11.492 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

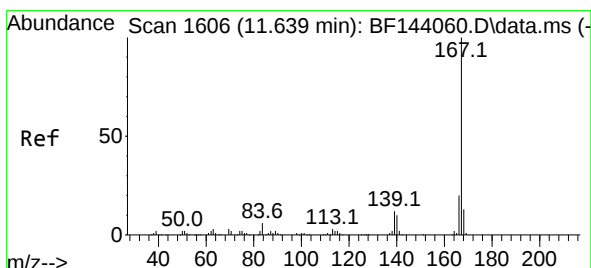
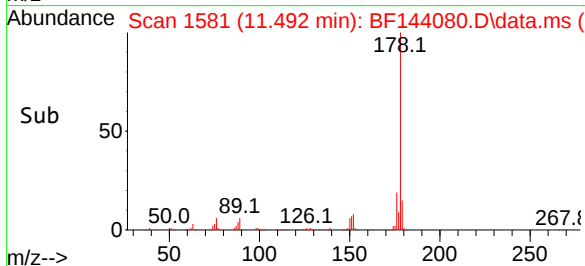
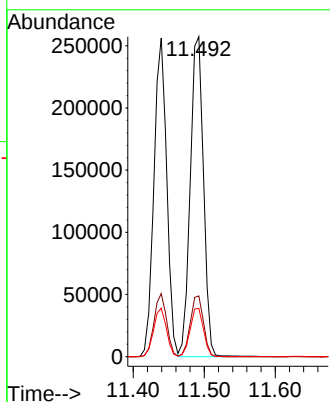
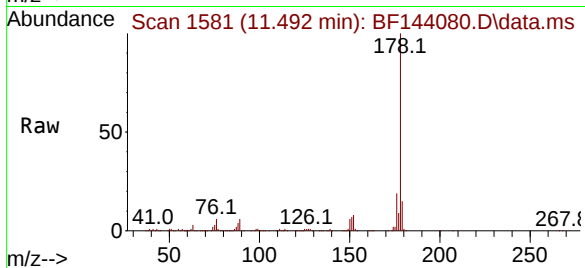
Tgt Ion:178 Resp: 334471

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

179 15.1 11.8 17.6



#73

Carbazole

Concen: 46.409 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

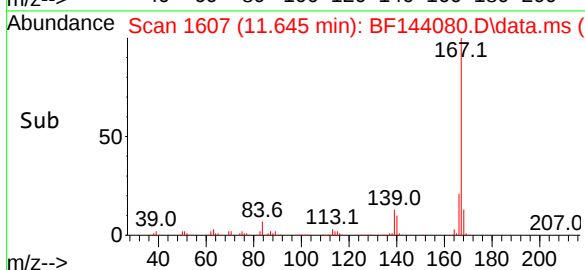
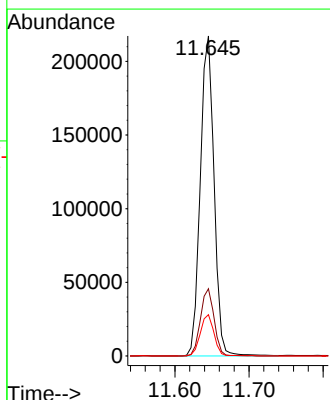
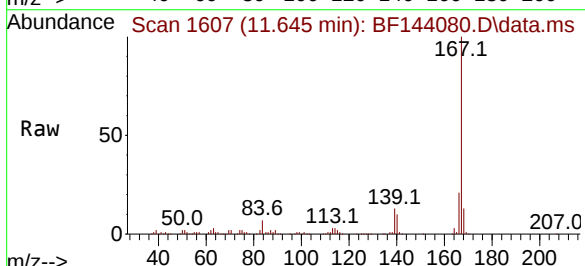
Tgt Ion:167 Resp: 280282

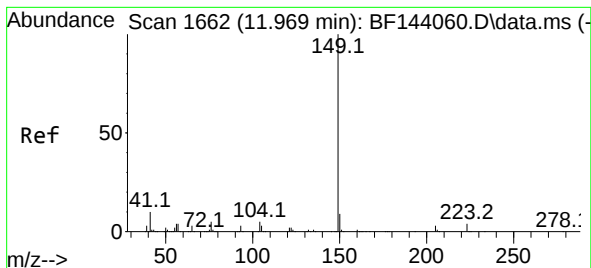
Ion Ratio Lower Upper

167 100

166 21.0 16.1 24.1

139 12.9 9.8 14.6





#74

Di-n-butylphthalate

Concen: 45.885 ng

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

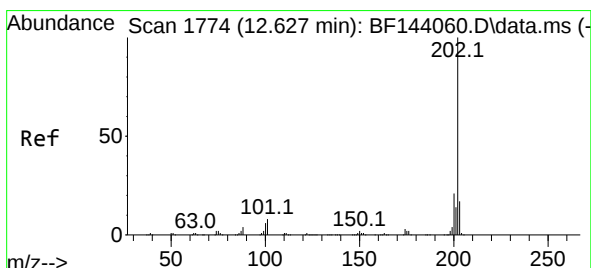
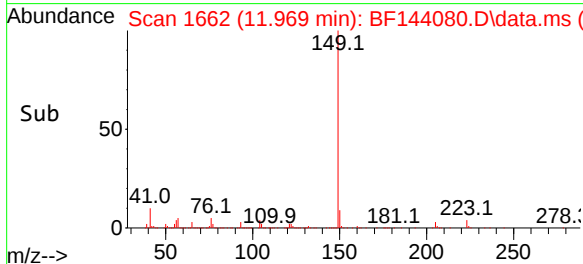
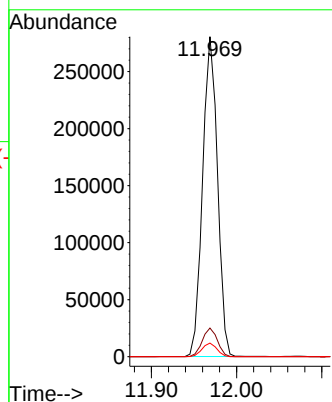
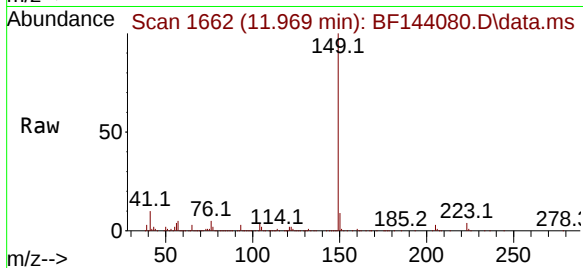
Tgt Ion:149 Resp: 339754

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.3 3.6 5.4



#75

Fluoranthene

Concen: 46.898 ng

RT: 12.628 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

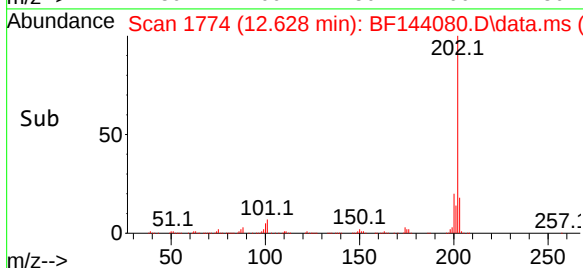
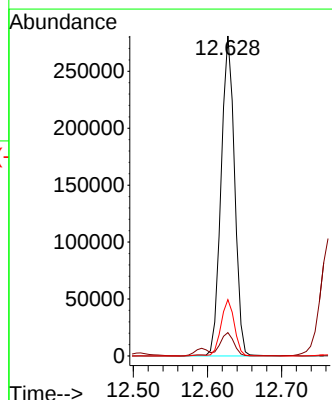
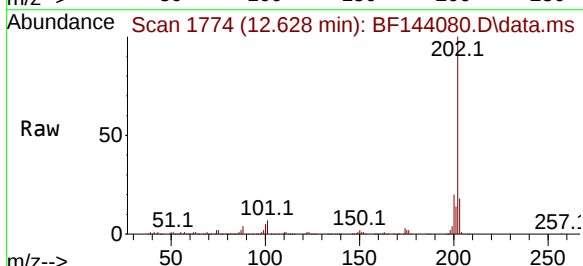
Tgt Ion:202 Resp: 355887

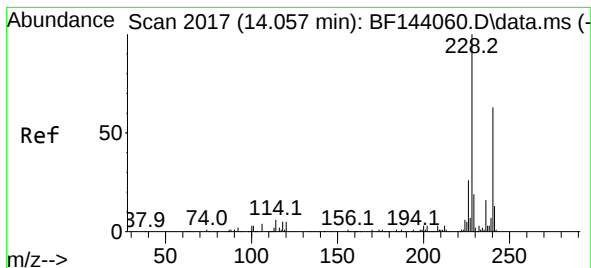
Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.7

203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

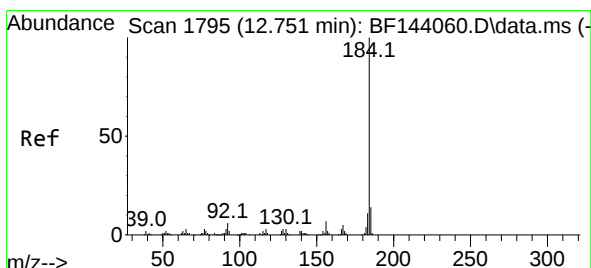
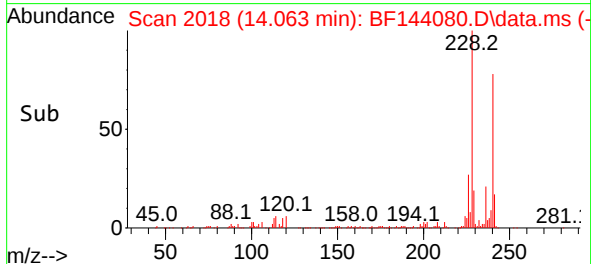
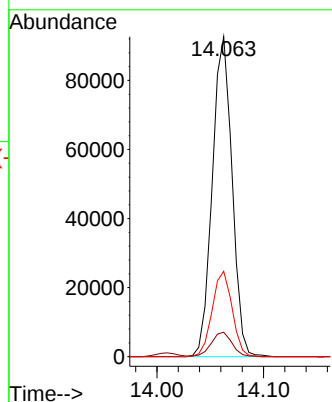
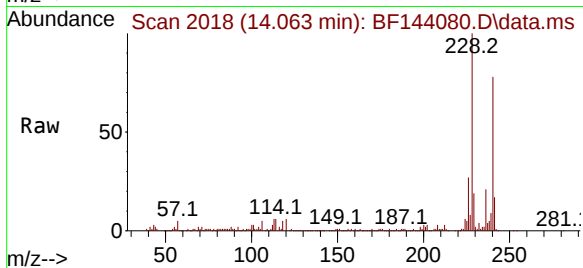
Tgt Ion:240 Resp: 119266

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 26.7 20.1 30.1



#77

Benzidine

Concen: 11.656 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

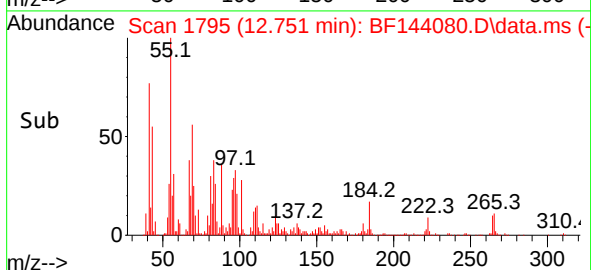
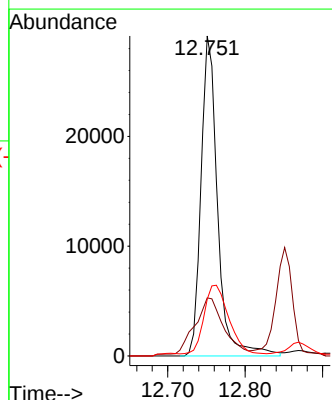
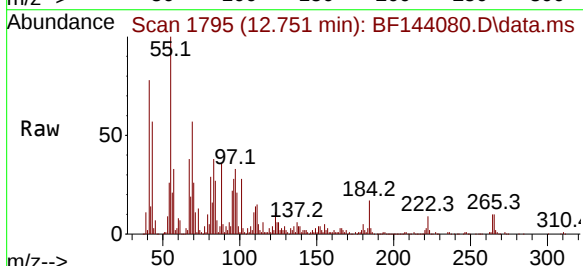
Tgt Ion:184 Resp: 43263

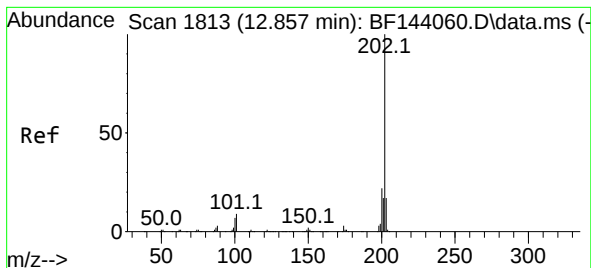
Ion Ratio Lower Upper

184 100

185 18.1 11.6 17.4#

183 17.7 8.5 12.7#





#78

Pyrene

Concen: 31.489 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

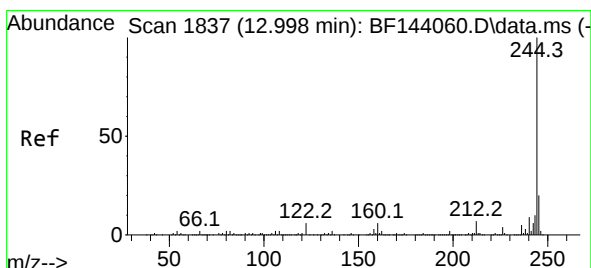
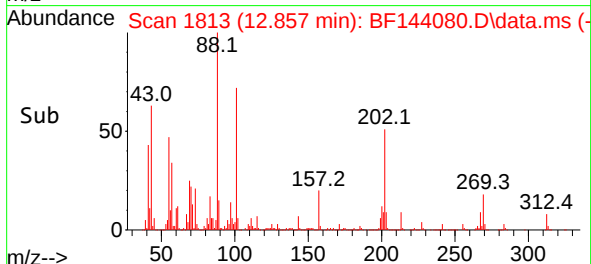
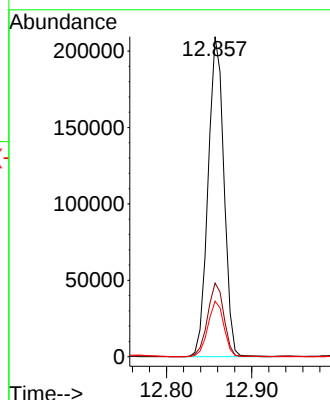
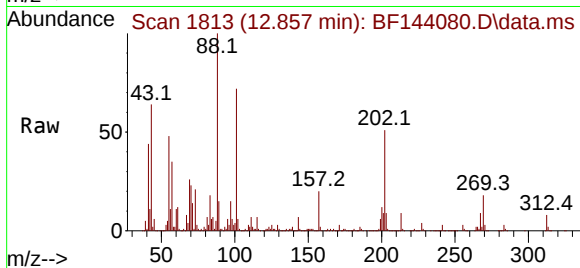
Tgt Ion:202 Resp: 270003

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

203 17.3 13.5 20.3



#79

Terphenyl-d14

Concen: 84.118 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

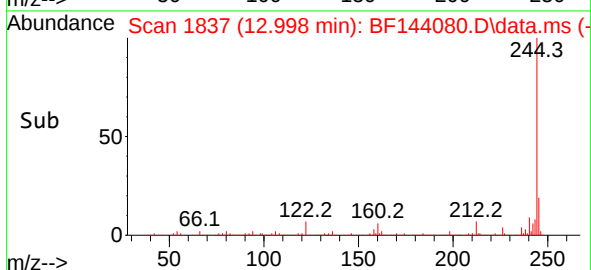
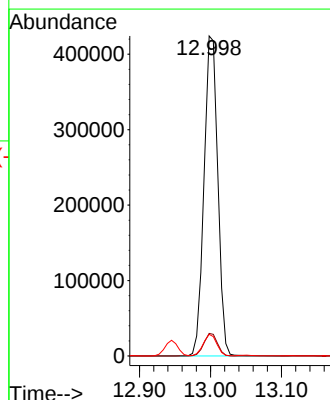
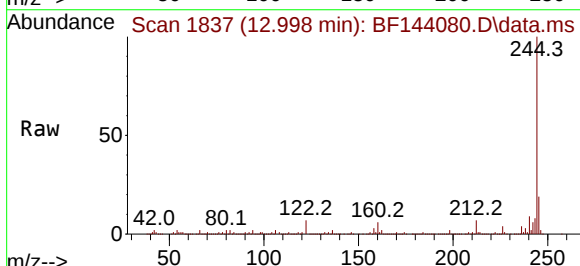
Tgt Ion:244 Resp: 573867

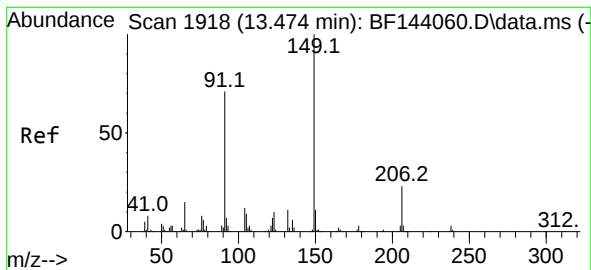
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.7 4.9 7.3

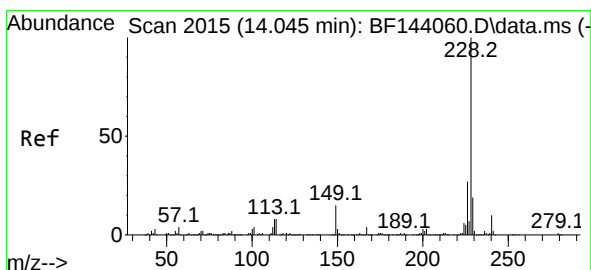
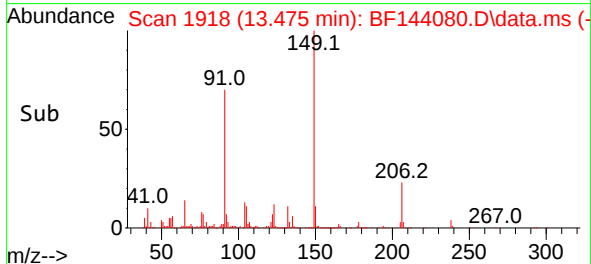
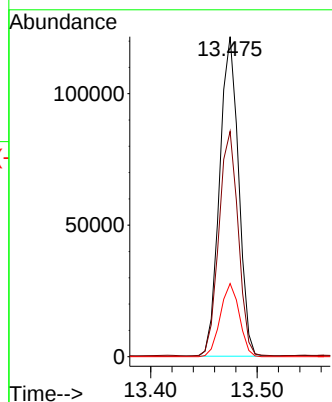
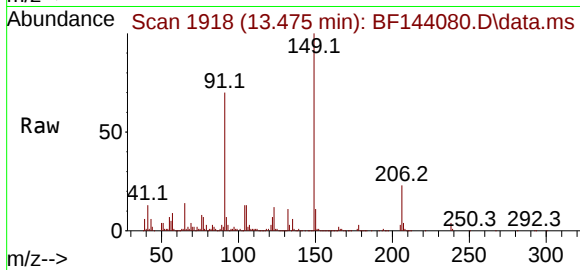




#80
Butylbenzylphthalate
Concen: 46.284 ng
RT: 13.475 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

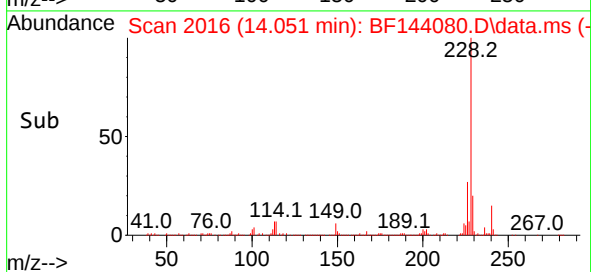
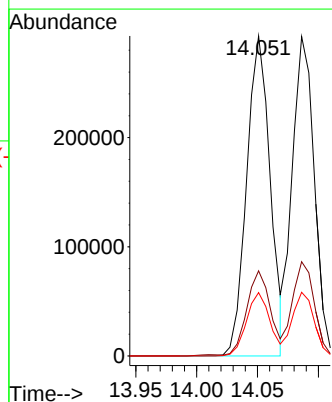
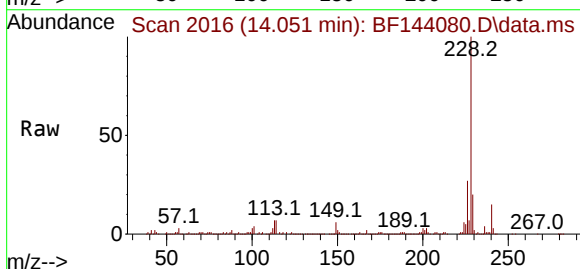
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

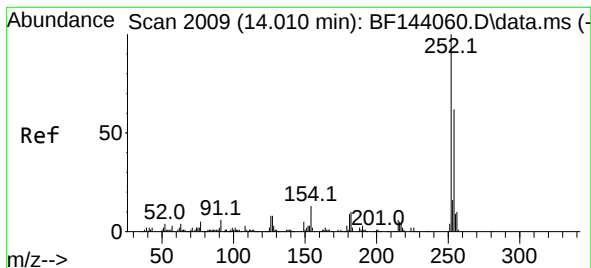
Tgt Ion:149 Resp: 150139
Ion Ratio Lower Upper
149 100
91 70.4 56.6 84.8
206 22.8 18.3 27.5



#81
Benzo(a)anthracene
Concen: 48.928 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:228 Resp: 394362
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.8 15.3 22.9





#82

3,3'-Dichlorobenzidine

Concen: 29.022 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

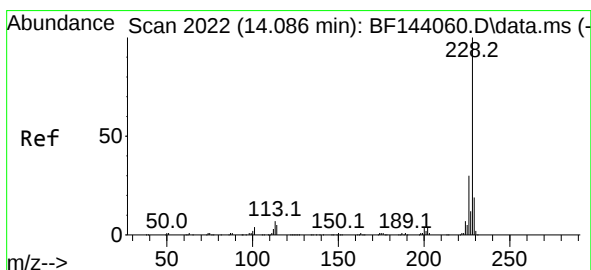
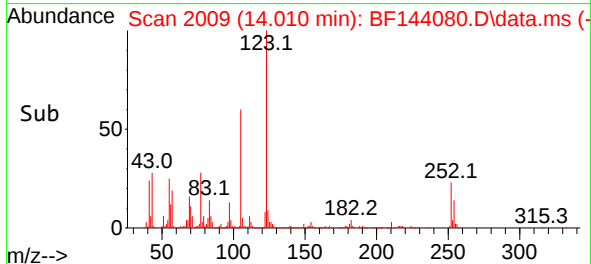
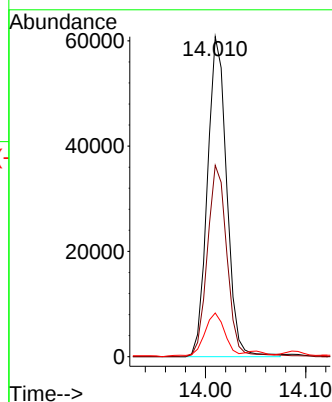
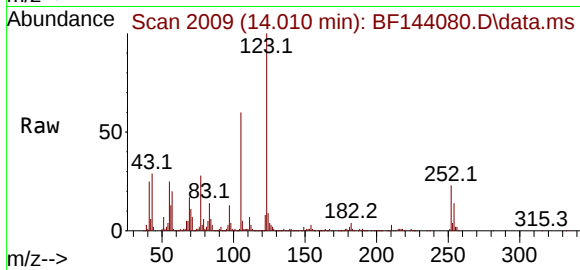
Tgt Ion:252 Resp: 81428

Ion Ratio Lower Upper

252 100

254 59.8 49.9 74.9

126 13.7 6.5 9.7#



#83

Chrysene

Concen: 48.860 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

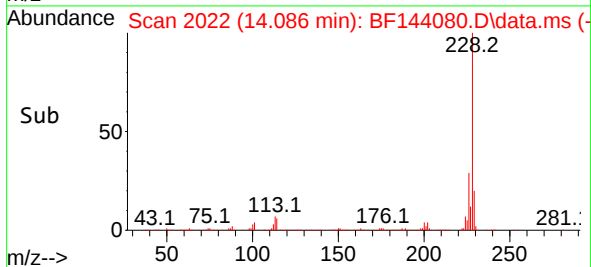
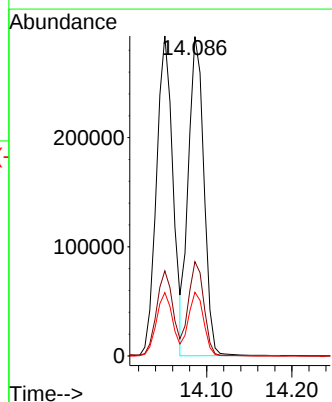
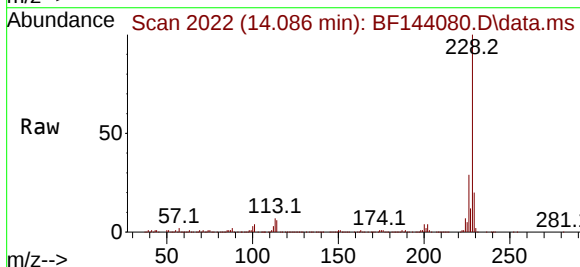
Tgt Ion:228 Resp: 369557

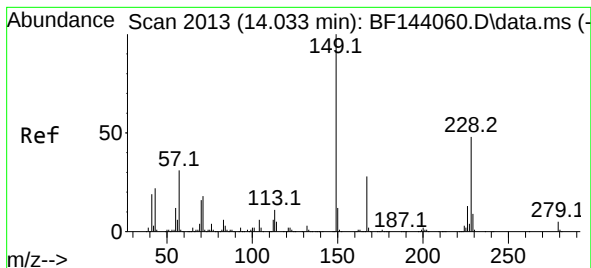
Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 20.0 15.6 23.4

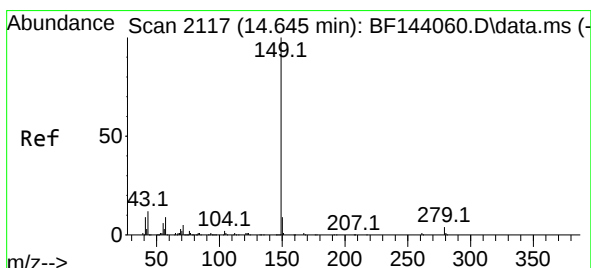
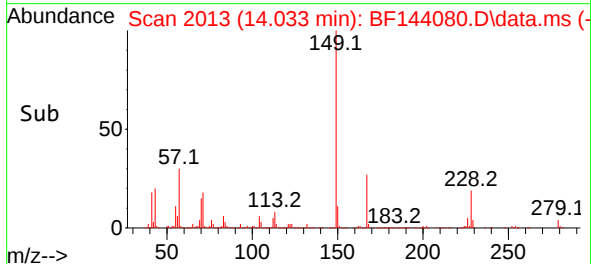
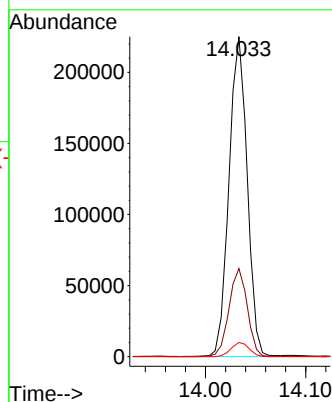
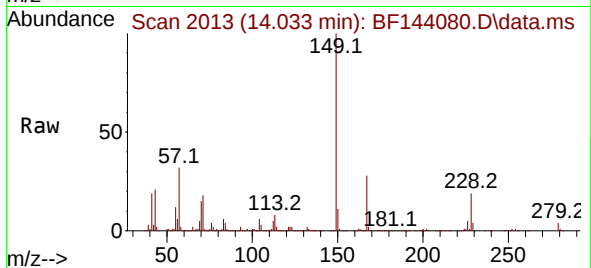




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 63.978 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

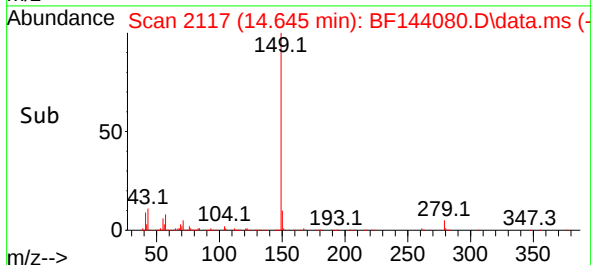
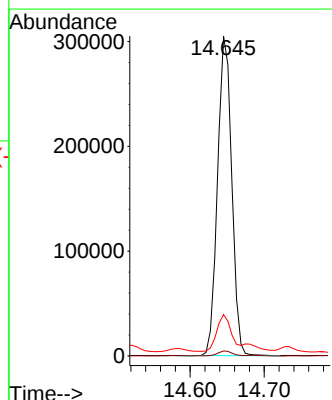
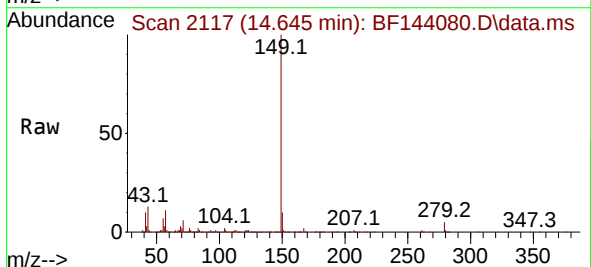
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

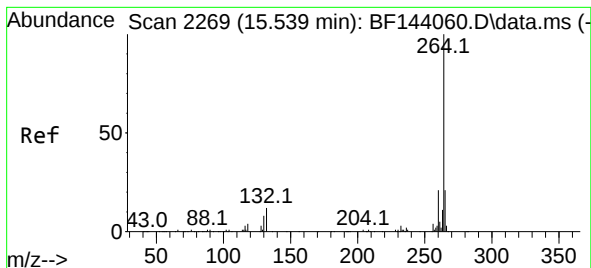
Tgt Ion:149 Resp: 283322
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.5 33.7
 279 4.4 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 53.206 ng
 RT: 14.645 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

Tgt Ion:149 Resp: 405201
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

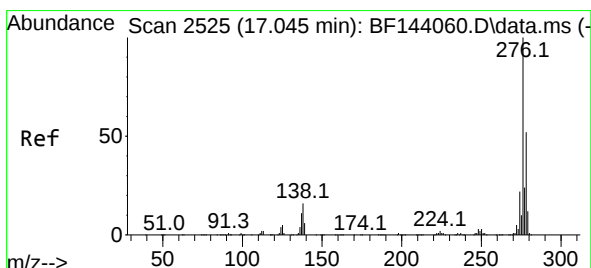
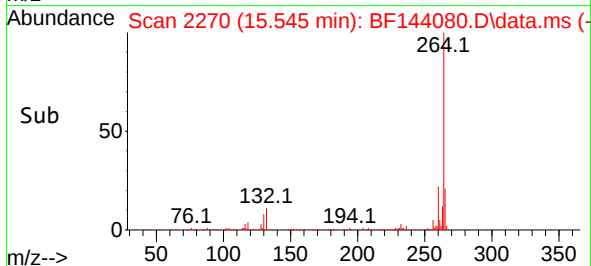
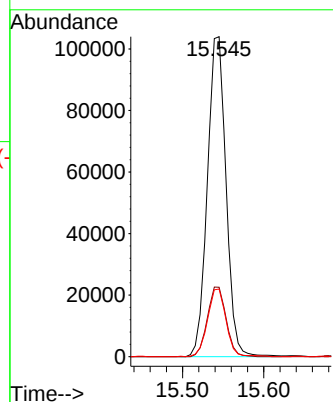
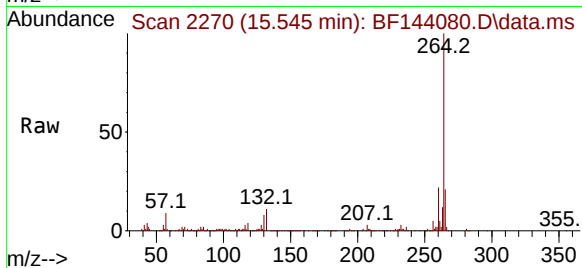
Tgt Ion:264 Resp: 165835

Ion Ratio Lower Upper

264 100

260 21.7 17.0 25.4

265 21.2 16.6 24.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.849 ng

RT: 17.051 min Scan# 2526

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

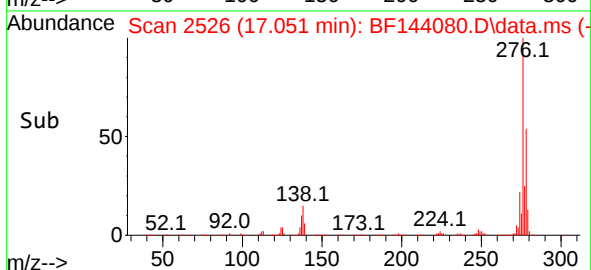
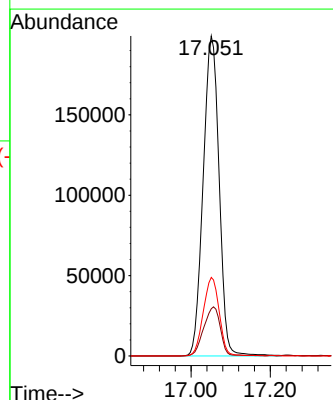
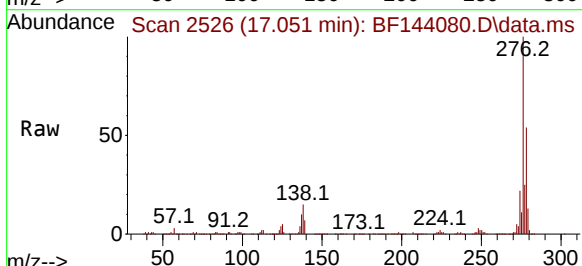
Tgt Ion:276 Resp: 556174

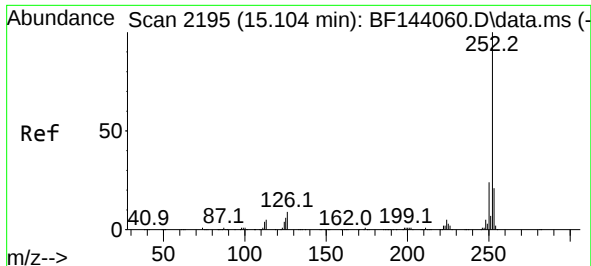
Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.6

277 24.5 19.4 29.0

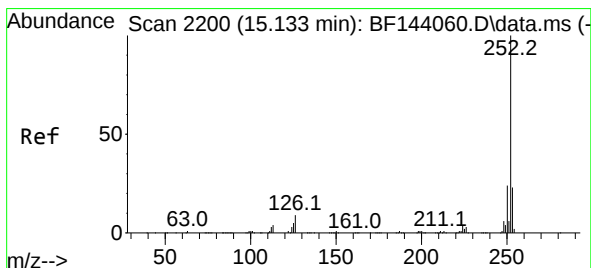
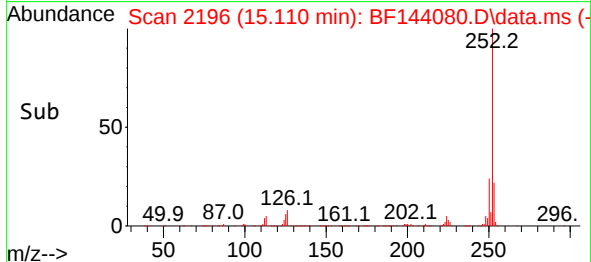
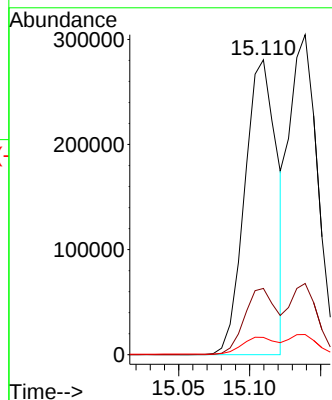
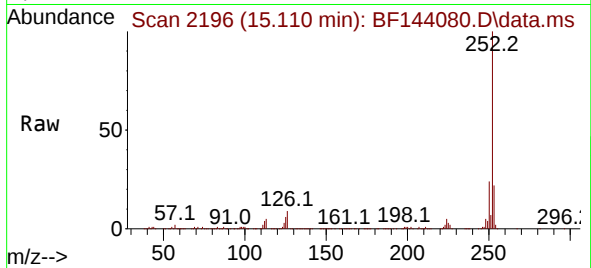




#88
Benzo(b)fluoranthene
Concen: 47.120 ng
RT: 15.110 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

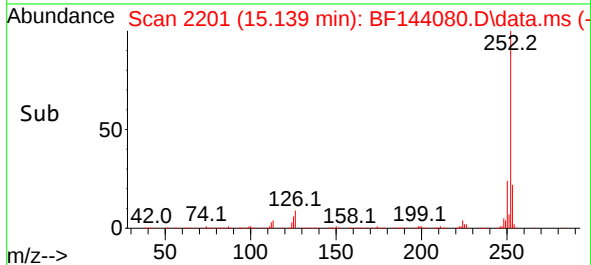
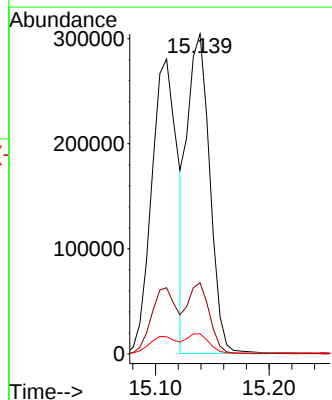
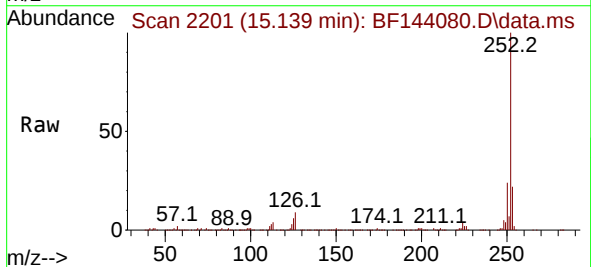
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

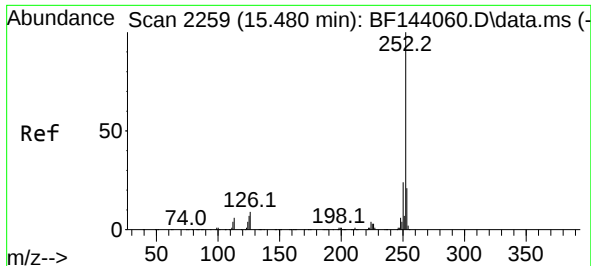
Tgt Ion:252 Resp: 441763
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 5.9 5.0 7.6



#89
Benzo(k)fluoranthene
Concen: 48.220 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:252 Resp: 417100
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.3 4.9 7.3

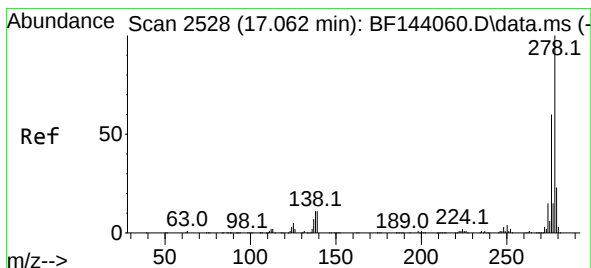
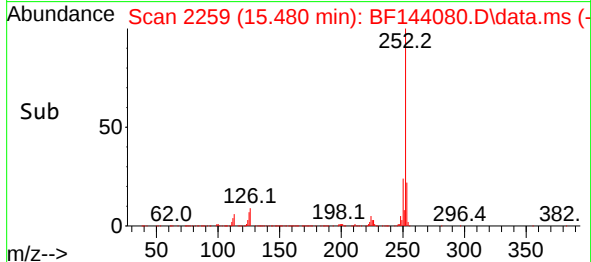
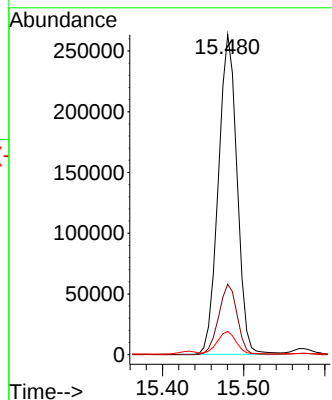
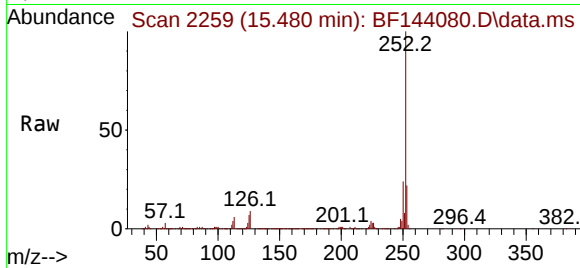




#90
Benzo(a)pyrene
Concen: 50.240 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

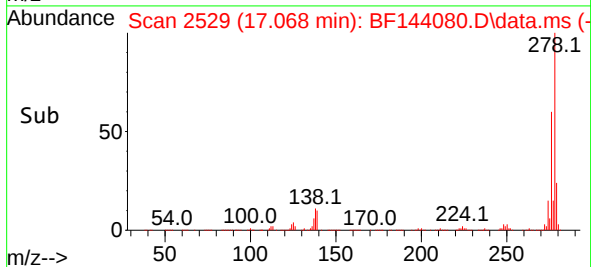
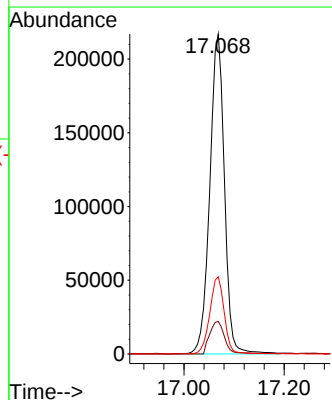
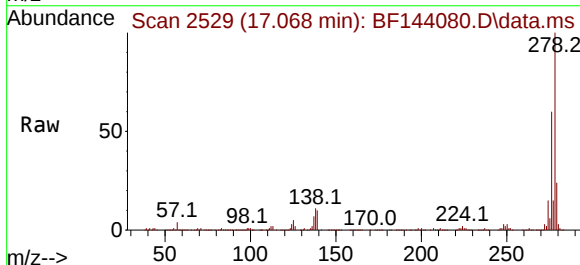
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

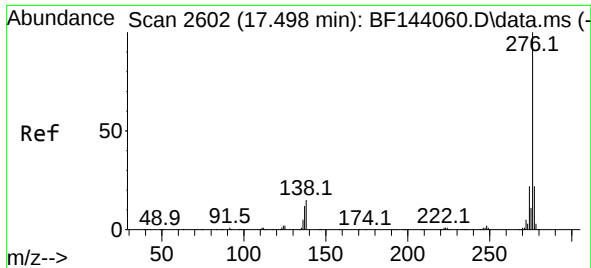
Tgt Ion:252 Resp: 422556
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 7.3 5.4 8.2



#91
Dibenzo(a,h)anthracene
Concen: 48.933 ng
RT: 17.068 min Scan# 2529
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:278 Resp: 441007
Ion Ratio Lower Upper
278 100
139 10.1 8.5 12.7
279 24.1 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 49.714 ng
 RT: 17.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

Tgt Ion:276 Resp: 450459
 Ion Ratio Lower Upper
 276 100
 277 23.0 17.9 26.9
 138 14.1 12.0 18.0

