

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143804.D
 Acq On : 25 Sep 2025 14:16
 Operator : RC/JU
 Sample : PB169827BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169827BS

Quant Time: Sep 25 14:57:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	154944	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	586166	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295245	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	455131	20.000	ng	0.00
76) Chrysene-d12	14.057	240	452412	20.000	ng	0.00
86) Perylene-d12	15.533	264	566269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062005	111.359	ng	0.01
7) Phenol-d6	6.510	99	1250023	113.441	ng	0.00
23) Nitrobenzene-d5	7.445	82	806781	84.250	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	479746	109.742	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1528950	80.812	ng	0.00
79) Terphenyl-d14	12.998	244	2056205	92.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	165532	36.264	ng	100
3) Pyridine	3.493	79	455308	36.952	ng	99
4) n-Nitrosodimethylamine	3.446	42	277819	44.967	ng	95
6) Aniline	6.545	93	516079	32.269	ng	99
8) 2-Chlorophenol	6.669	128	417322	42.745	ng	99
9) Benzaldehyde	6.434	77	115635	11.983	ng	98
10) Phenol	6.522	94	551069	43.025	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	435170	43.344	ng	99
12) 1,3-Dichlorobenzene	6.828	146	479427	42.294	ng	100
13) 1,4-Dichlorobenzene	6.904	146	482234	42.628	ng	99
14) 1,2-Dichlorobenzene	7.057	146	466826	43.571	ng	100
15) Benzyl Alcohol	7.022	79	370645	46.552	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1020007	42.844	ng	99
17) 2-Methylphenol	7.134	107	333152	44.076	ng	99
18) Hexachloroethane	7.398	117	169392	42.578	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	314780	44.424	ng	98
20) 3+4-Methylphenols	7.281	107	390864	42.463	ng	96
22) Acetophenone	7.292	105	555882	43.177	ng	98
24) Nitrobenzene	7.469	77	455128	42.879	ng	97
25) Isophorone	7.704	82	851108	45.610	ng	100
26) 2-Nitrophenol	7.781	139	194232	44.766	ng	98
27) 2,4-Dimethylphenol	7.816	122	389964	46.755	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	520514	42.933	ng	99
29) 2,4-Dichlorophenol	8.022	162	350565	42.716	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	383033	44.973	ng	100
31) Naphthalene	8.192	128	1162906	41.443	ng	100
32) Benzoic acid	7.916	122	194288	48.280	ng	99
33) 4-Chloroaniline	8.233	127	270444	27.426	ng	99
34) Hexachlorobutadiene	8.310	225	275769	43.434	ng	99
35) Caprolactam	8.592	113	66406	31.657	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	339654	44.128	ng	99
37) 2-Methylnaphthalene	8.880	142	694046	38.789	ng	100
38) 1-Methylnaphthalene	8.980	142	715322	41.768	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	368894	41.402	ng	99
41) Hexachlorocyclopentadiene	9.033	237	593049	105.022	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	254202	45.563	ng	99

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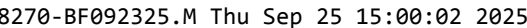
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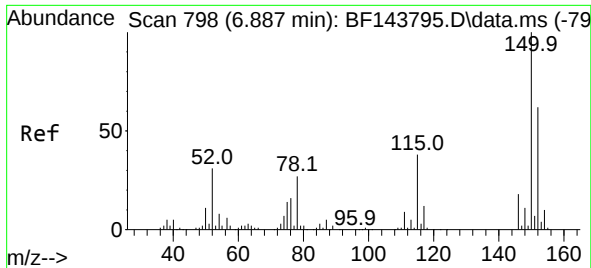
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259825	44.524	ng	99
46) 1,1'-Biphenyl	9.345	154	913939	42.764	ng	99
47) 2-Chloronaphthalene	9.369	162	720777	41.897	ng	99
48) 2-Nitroaniline	9.463	65	258937	49.800	ng	99
49) Acenaphthylene	9.786	152	1127108	47.592	ng	100
50) Dimethylphthalate	9.645	163	813768	45.221	ng	100
51) 2,6-Dinitrotoluene	9.704	165	167208	56.554	ng	98
52) Acenaphthene	9.963	154	698991	44.850	ng	98
53) 3-Nitroaniline	9.875	138	128649	35.898	ng	100
54) 2,4-Dinitrophenol	9.980	184	123010	90.006	ng	# 24
55) Dibenzofuran	10.133	168	947951	43.014	ng	100
56) 4-Nitrophenol	10.027	139	269066	93.169	ng	93
57) 2,4-Dinitrotoluene	10.110	165	214946	48.920	ng	99
58) Fluorene	10.475	166	699412	42.689	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	262852	52.578	ng	97
60) Diethylphthalate	10.345	149	767269	45.548	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	360668	43.204	ng	97
62) 4-Nitroaniline	10.486	138	164334	48.768	ng	100
63) Azobenzene	10.627	77	797009	44.894	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	87321	51.358	ng	92
66) n-Nitrosodiphenylamine	10.586	169	671478	44.861	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	364447	46.988	ng	99
68) Hexachlorobenzene	11.022	284	491991	46.029	ng	99
69) Atrazine	11.110	200	203198	46.880	ng	98
70) Pentachlorophenol	11.216	266	517265	97.219	ng	99
71) Phenanthrene	11.439	178	1015112	43.443	ng	99
72) Anthracene	11.492	178	1029676	43.931	ng	99
73) Carbazole	11.645	167	894842	43.666	ng	99
74) Di-n-butylphthalate	11.974	149	1105559	46.909	ng	100
75) Fluoranthene	12.627	202	1022236	43.497	ng	99
77) Benzidine	12.751	184	299235	27.143	ng	99
78) Pyrene	12.857	202	1049427	47.181	ng	100
80) Butylbenzylphthalate	13.474	149	407004	52.890	ng	98
81) Benzo(a)anthracene	14.045	228	1048353	43.134	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	372315	35.360	ng	100
83) Chrysene	14.086	228	1015236	46.164	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	543078	48.147	ng	99
85) Di-n-octyl phthalate	14.651	149	957348	46.790	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	2058670	47.915	ng	100
88) Benzo(b)fluoranthene	15.104	252	1487418	51.580	ng	100
89) Benzo(k)fluoranthene	15.133	252	1396964	48.218	ng	100
90) Benzo(a)pyrene	15.474	252	1396443	51.517	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1728792	49.195	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1694904	50.033	ng	100

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

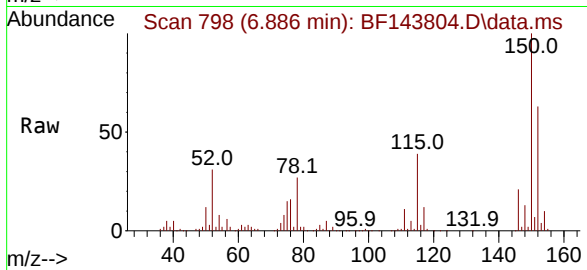
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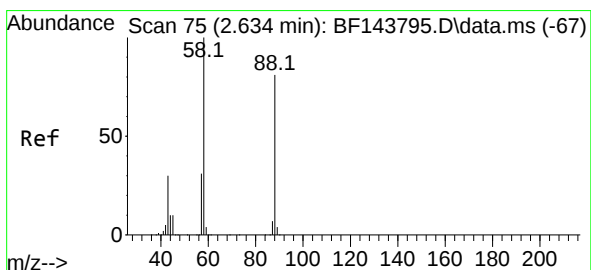
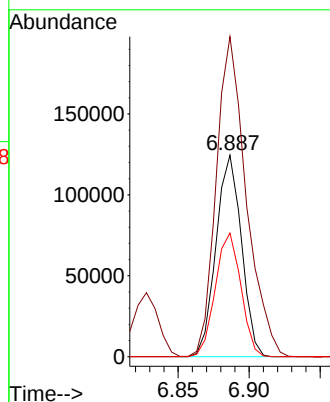
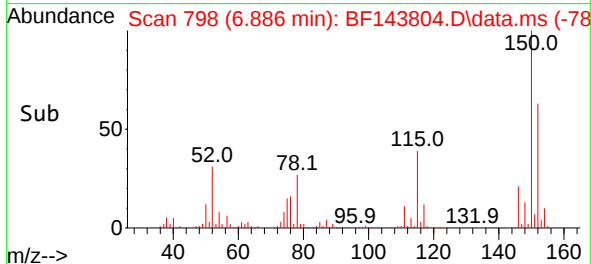


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

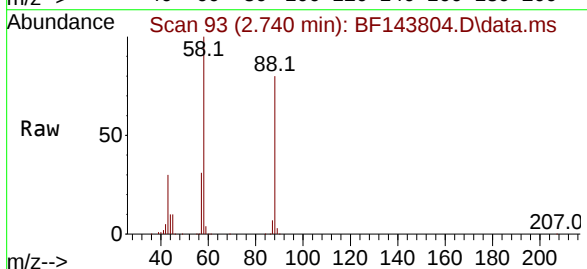
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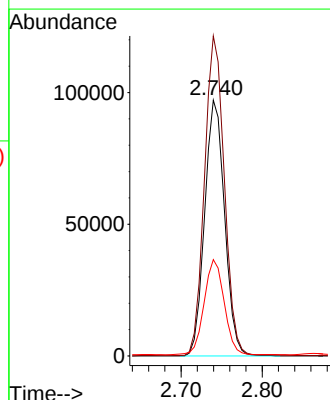
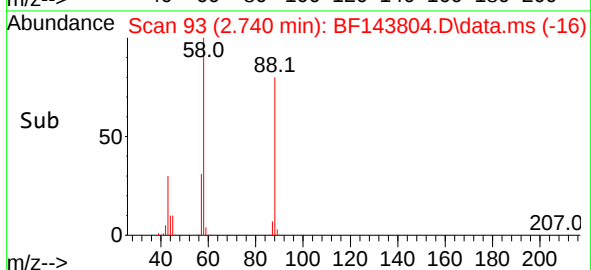
Tgt Ion:152 Resp: 154944
 Ion Ratio Lower Upper
 152 100
 150 158.9 129.6 194.4
 115 61.4 49.0 73.4

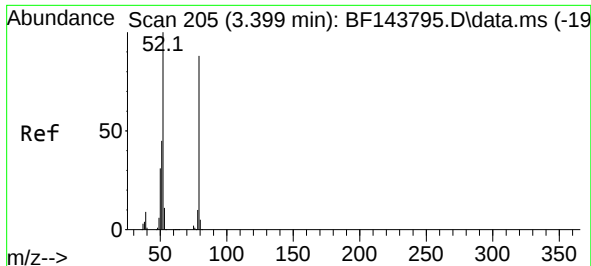


#2
 1,4-Dioxane
 Concen: 36.264 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.106 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16



Tgt Ion: 88 Resp: 165532
 Ion Ratio Lower Upper
 88 100
 58 124.1 99.4 149.2
 43 37.3 30.6 45.8

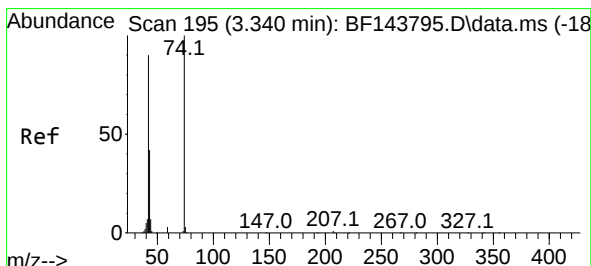
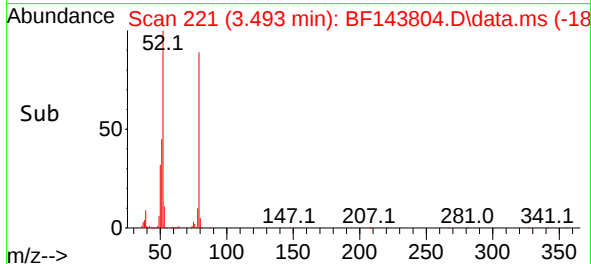
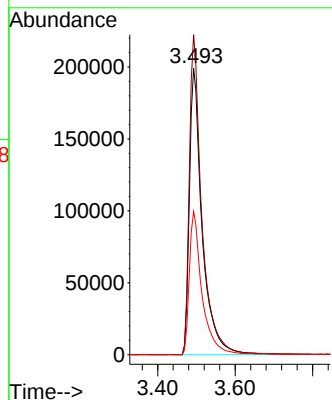
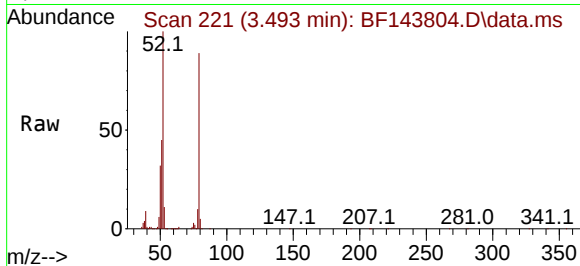




#3
Pyridine
Concen: 36.952 ng
RT: 3.493 min Scan# 213
Delta R.T. 0.094 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

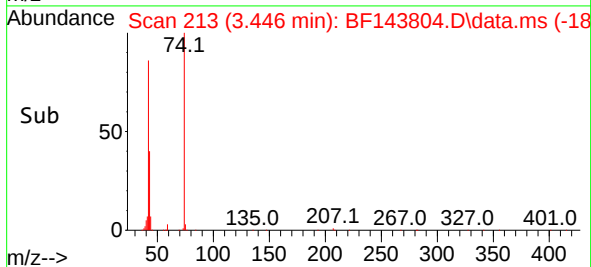
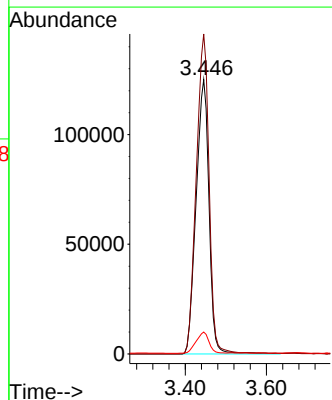
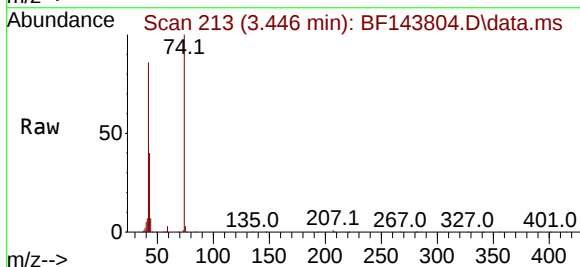
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ClientSampleId :
PB169827BS

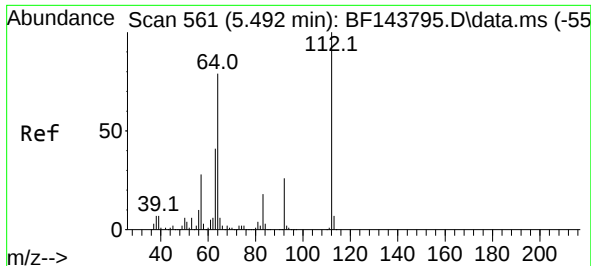
Tgt Ion: 79 Resp: 455308
Ion Ratio Lower Upper
79 100
52 111.7 90.5 135.7
51 50.0 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 44.967 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 42 Resp: 277819
Ion Ratio Lower Upper
42 100
74 116.6 89.1 133.7
44 8.0 6.4 9.6

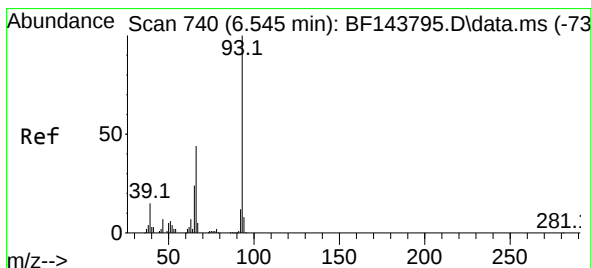
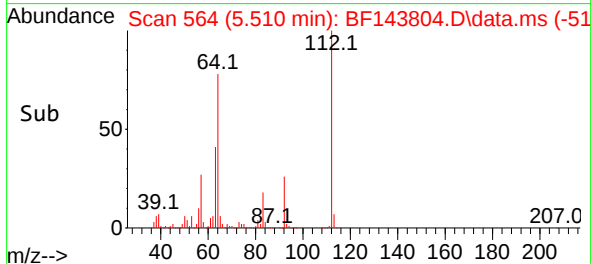
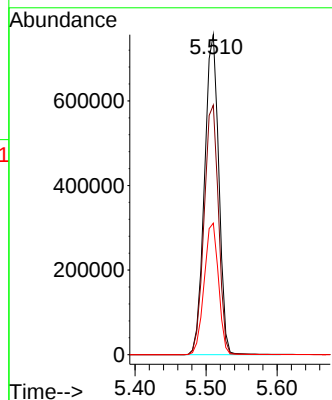
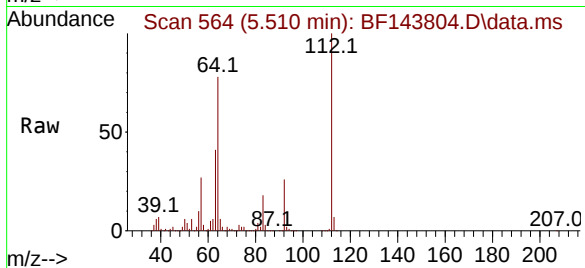




#5
2-Fluorophenol
Concen: 111.359 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

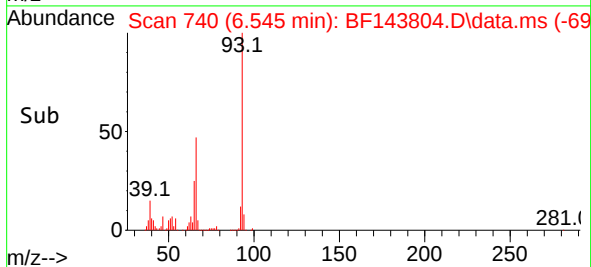
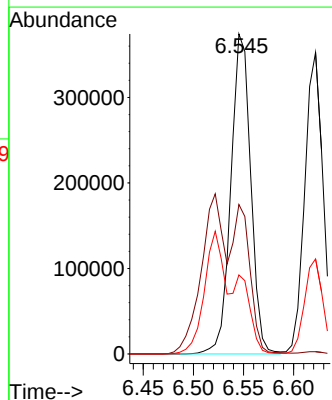
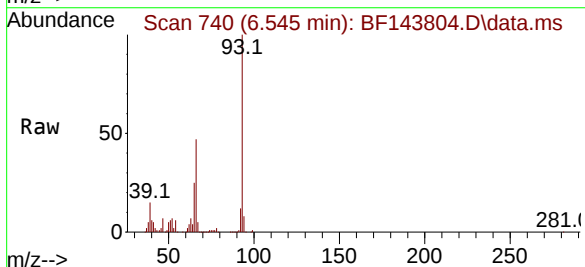
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ClientSampleId :
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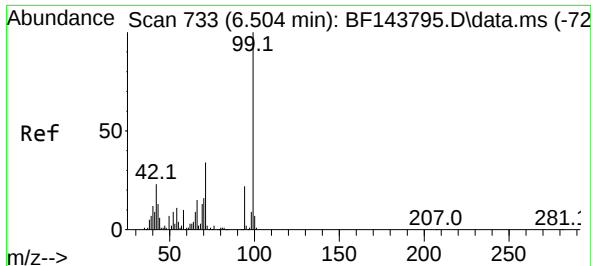
Tgt Ion:112 Resp: 1062005
Ion Ratio Lower Upper
112 100
64 78.0 63.0 94.4
63 41.1 32.6 49.0



#6
Aniline
Concen: 32.269 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 93 Resp: 516079
Ion Ratio Lower Upper
93 100
66 46.7 37.1 55.7
65 24.7 19.4 29.0

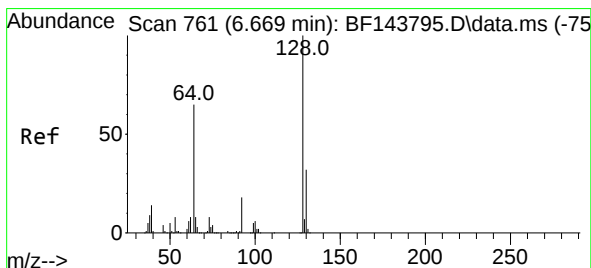
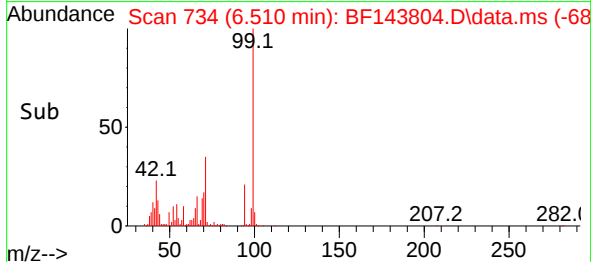
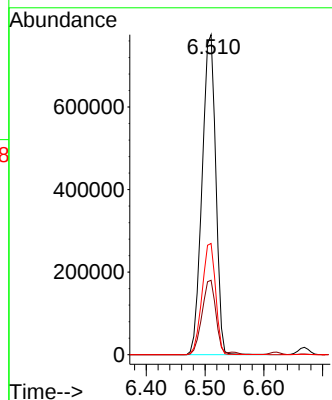
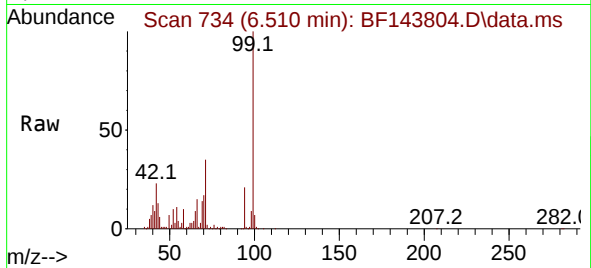




#7
Phenol-d6
Concen: 113.441 ng
RT: 6.510 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

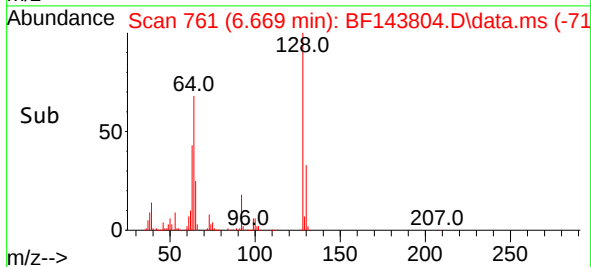
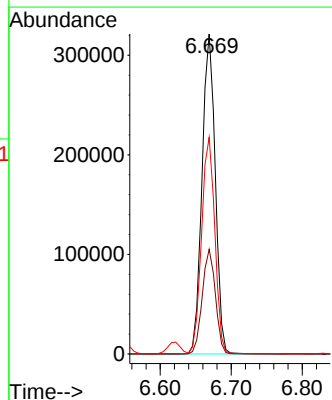
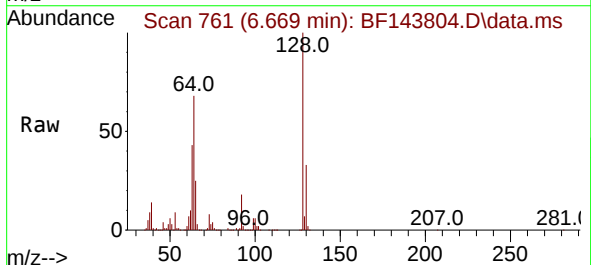
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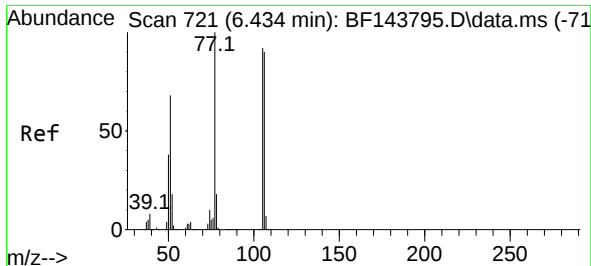
Tgt Ion: 99 Resp: 1250023
Ion Ratio Lower Upper
99 100
42 23.3 18.6 28.0
71 34.8 27.0 40.4



#8
2-Chlorophenol
Concen: 42.745 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:128 Resp: 417322
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 67.7 46.5 86.5





#9

Benzaldehyde

Concen: 11.983 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

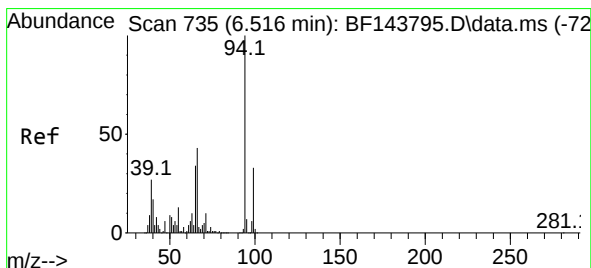
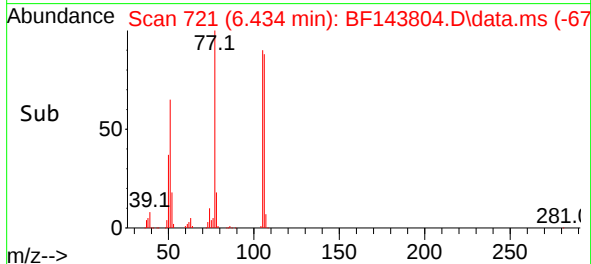
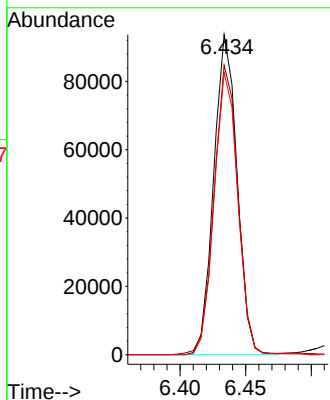
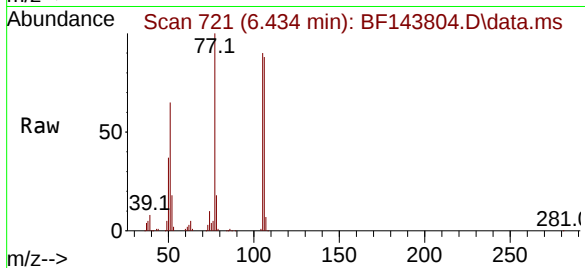
Tgt Ion: 77 Resp: 115635

Ion Ratio Lower Upper

77 100

105 90.4 71.8 111.8

106 88.1 69.8 109.8



#10

Phenol

Concen: 43.025 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

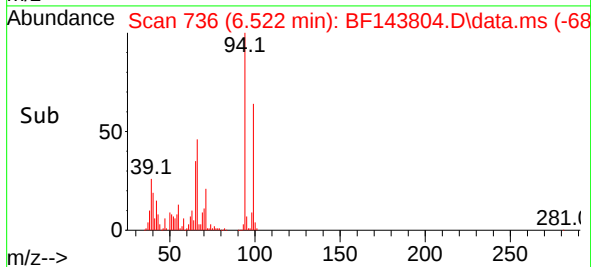
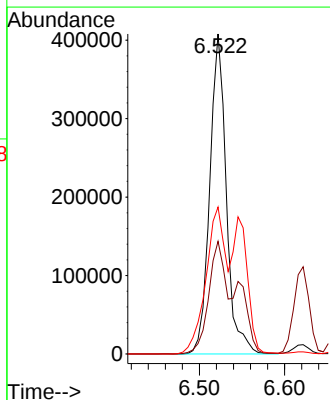
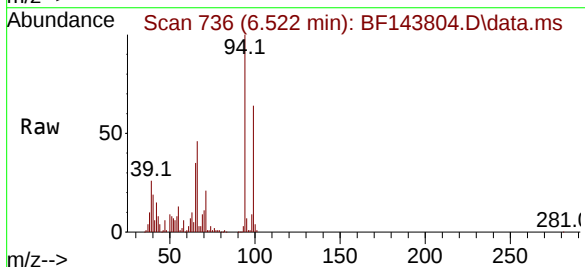
Tgt Ion: 94 Resp: 551069

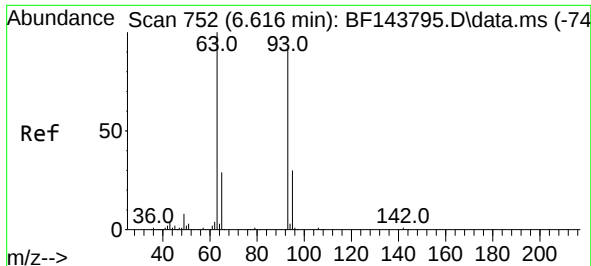
Ion Ratio Lower Upper

94 100

65 35.2 14.2 54.2

66 45.9 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 43.344 ng

RT: 6.622 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

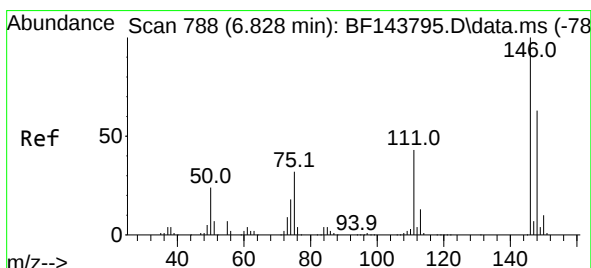
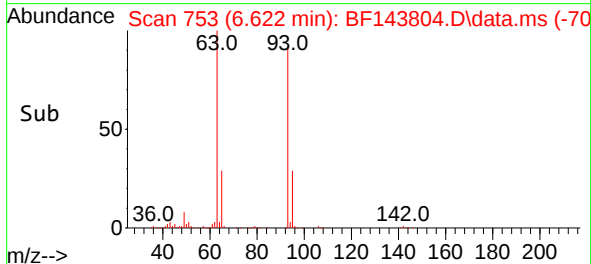
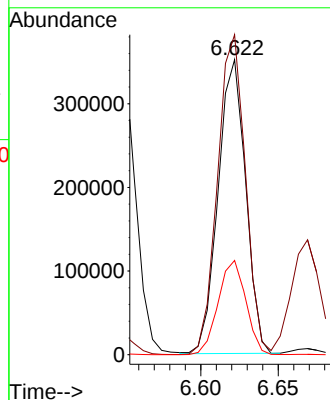
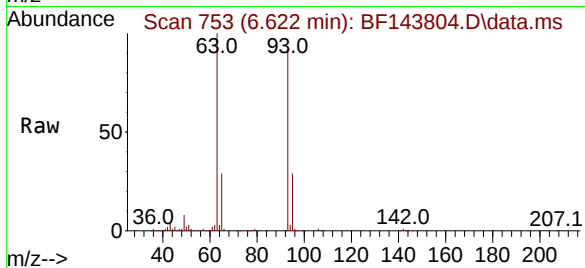
Tgt Ion: 93 Resp: 435170

Ion Ratio Lower Upper

93 100

63 108.5 89.2 129.2

95 32.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 42.294 ng

RT: 6.828 min Scan# 788

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

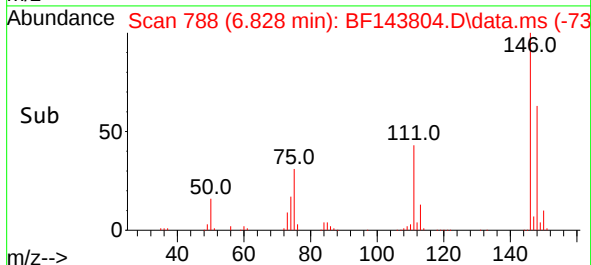
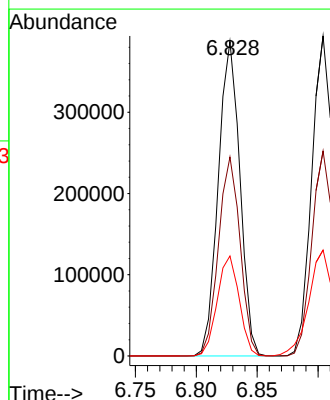
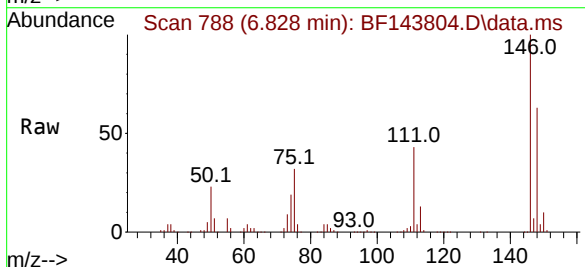
Tgt Ion:146 Resp: 479427

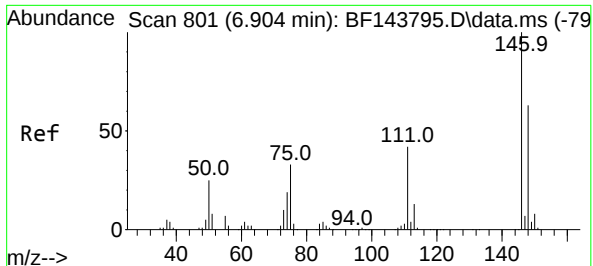
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

75 31.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.628 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

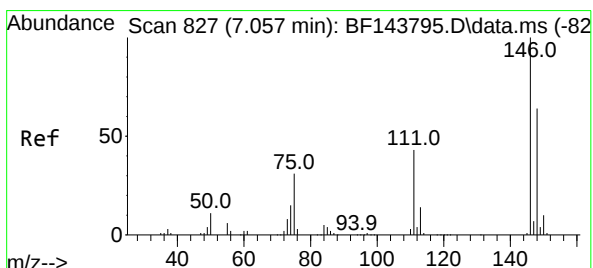
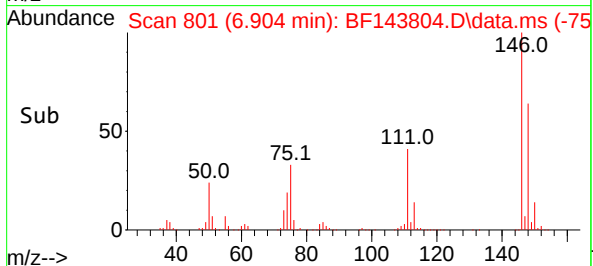
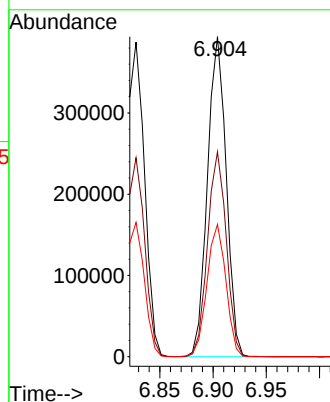
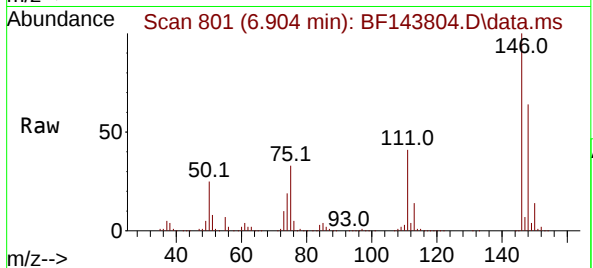
Tgt Ion:146 Resp: 482234

Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

111 41.4 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 43.571 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

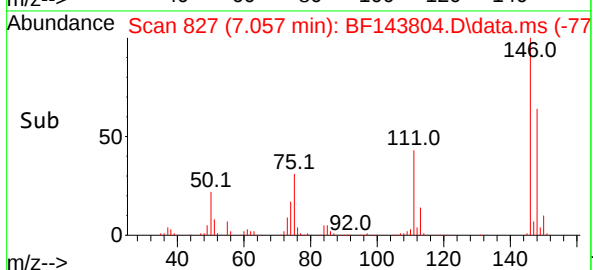
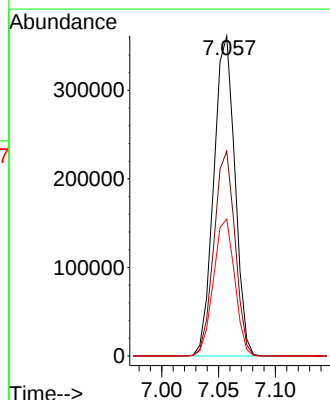
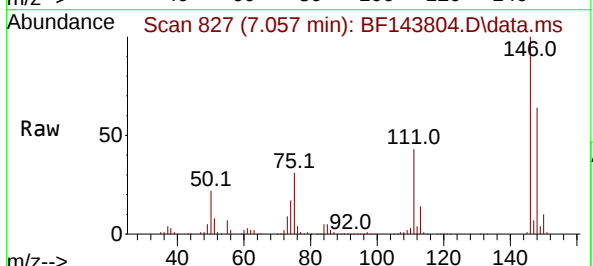
Tgt Ion:146 Resp: 466826

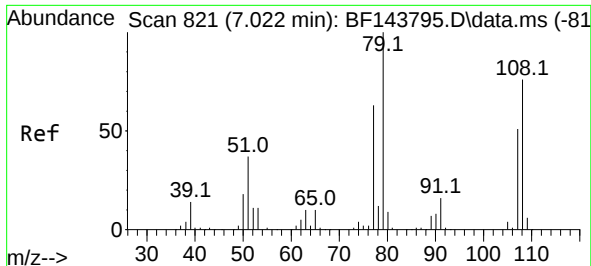
Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

111 42.8 34.3 51.5



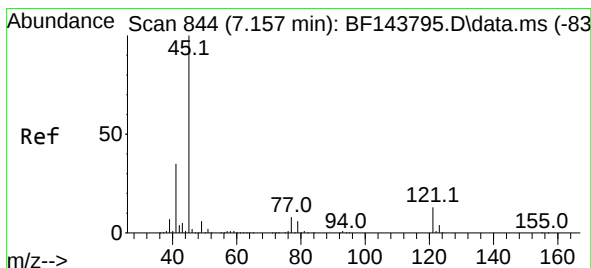
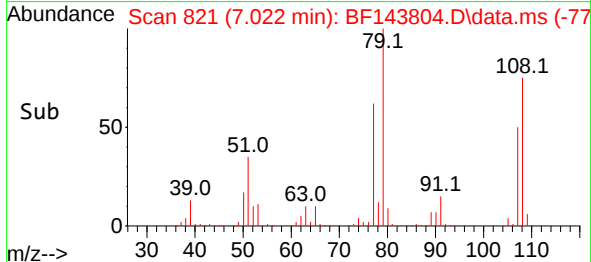
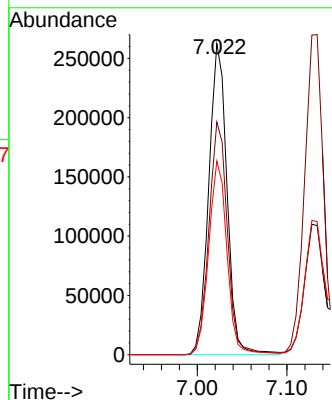
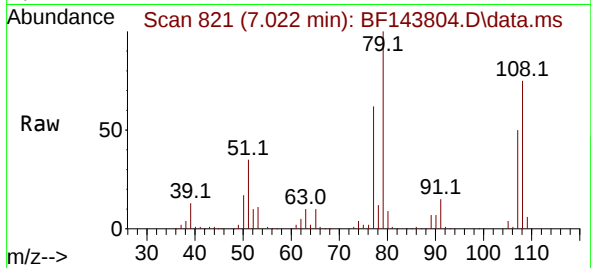


#15
Benzyl Alcohol
Concen: 46.552 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB169827BS

Tgt Ion: 79 Resp: 370645

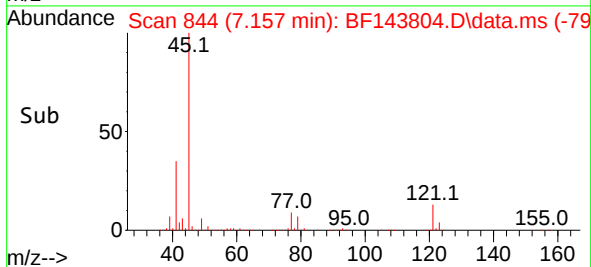
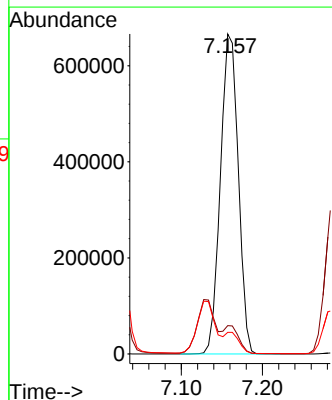
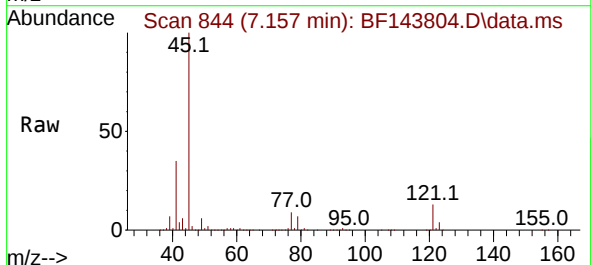
Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.5	90.7
77	62.3	50.3	75.5

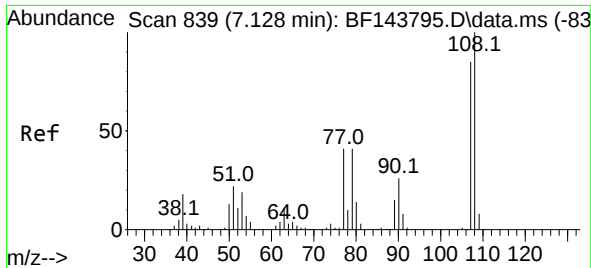


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.844 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 45 Resp: 1020007

Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	28.5
79	6.7	0.0	26.3

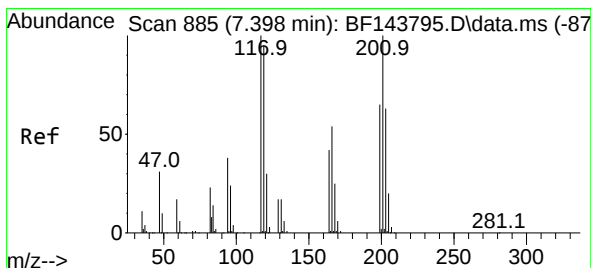
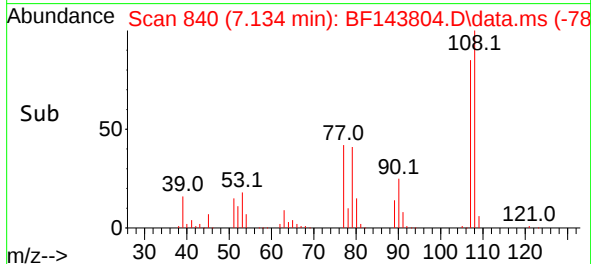
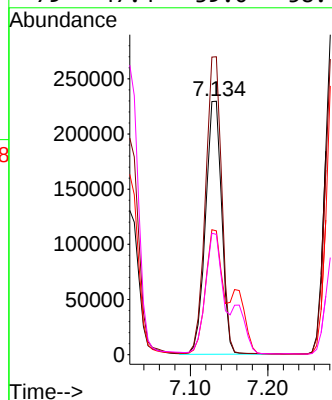
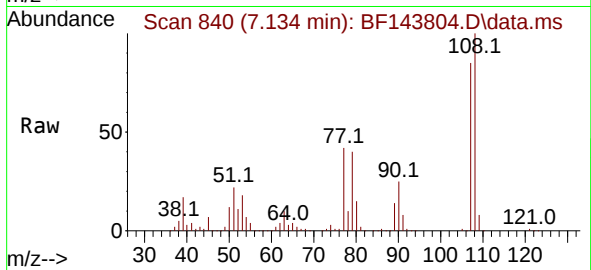




#17
2-Methylphenol
Concen: 44.076 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

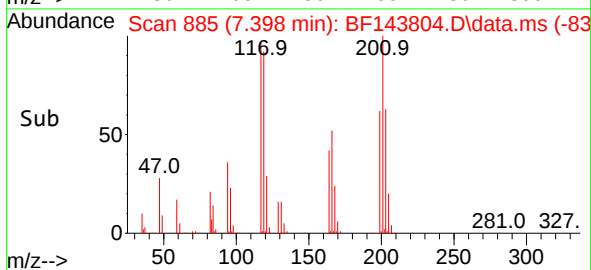
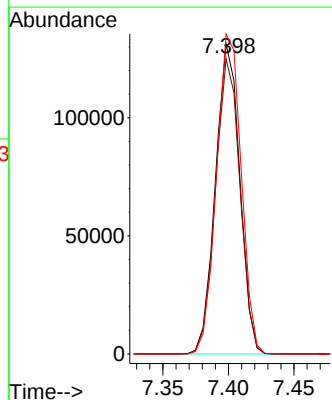
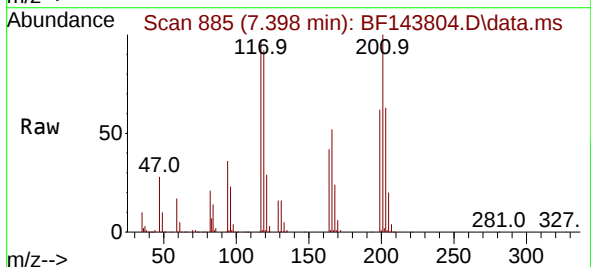
Instrument :
BNA_F
ClientSampleId :
PB169827BS

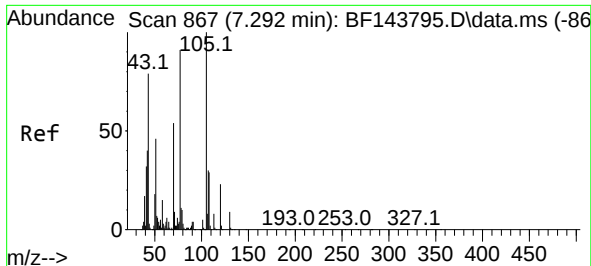
Tgt Ion:107 Resp: 333152
Ion Ratio Lower Upper
107 100
108 117.6 94.2 141.4
77 48.9 38.6 58.0
79 47.4 39.0 58.4



#18
Hexachloroethane
Concen: 42.578 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:117 Resp: 169392
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
201 103.3 79.7 119.5

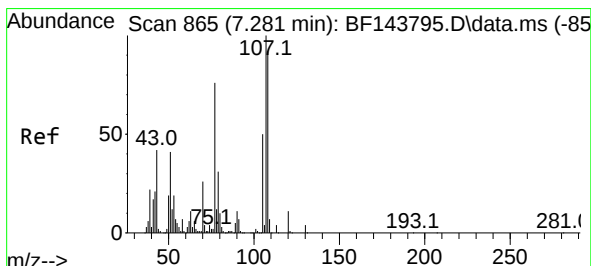
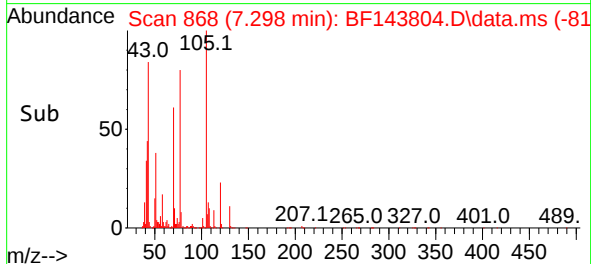
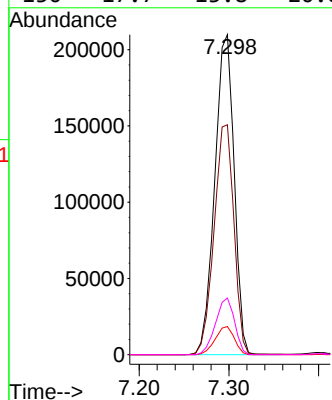
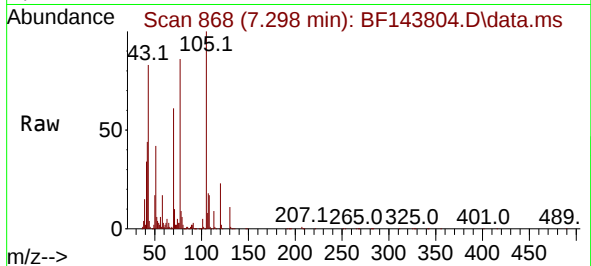




#19
n-Nitroso-di-n-propylamine
Concen: 44.424 ng
RT: 7.298 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

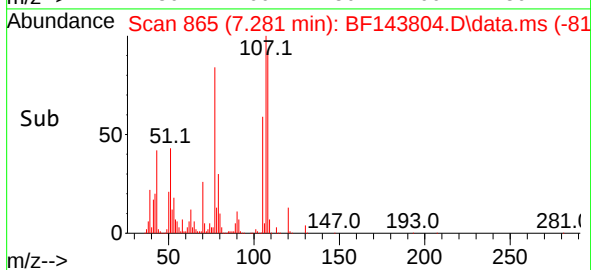
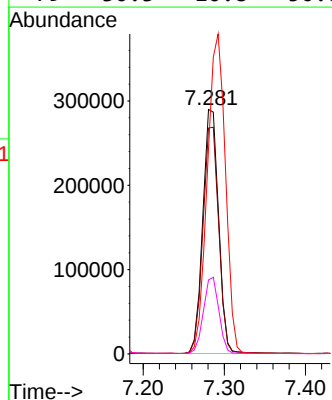
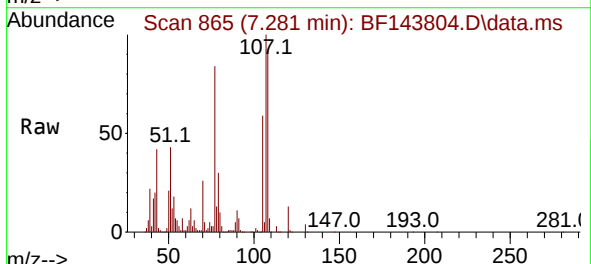
Instrument :
BNA_F
ClientSampleId :
PB169827BS

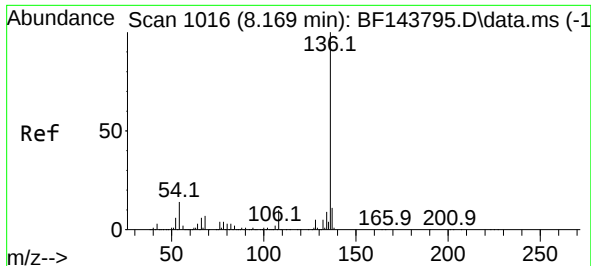
Tgt Ion: 70 Resp: 314780
Ion Ratio Lower Upper
70 100
42 71.9 59.4 89.0
101 8.8 7.1 10.7
130 17.7 13.8 20.8



#20
3+4-Methylphenols
Concen: 42.463 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 107 Resp: 390864
Ion Ratio Lower Upper
107 100
108 92.4 72.5 112.5
77 84.0 56.2 96.2
79 30.3 10.8 50.8

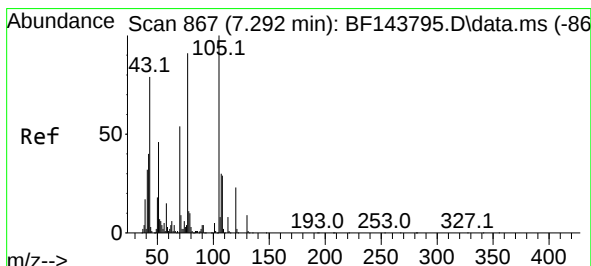
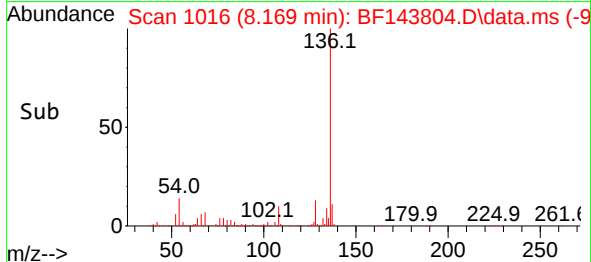
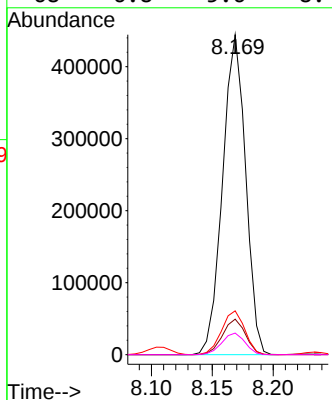
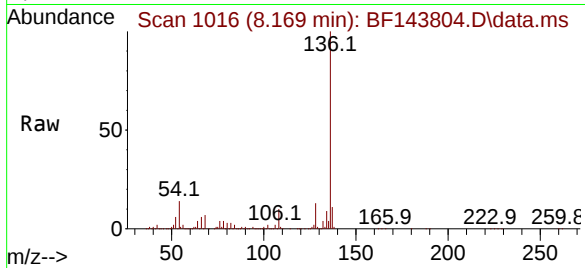




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

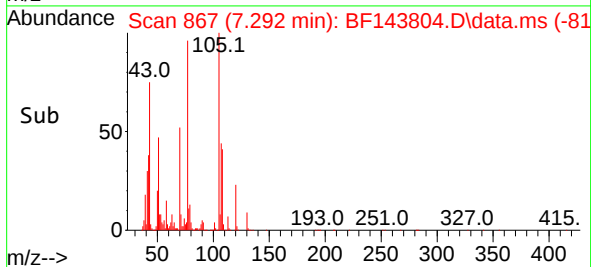
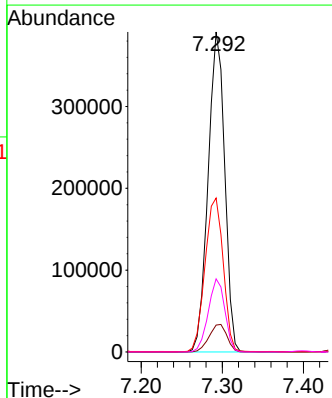
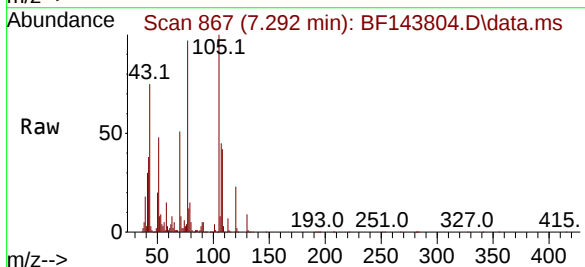
Instrument :
BNA_F
ClientSampleId :
PB169827BS

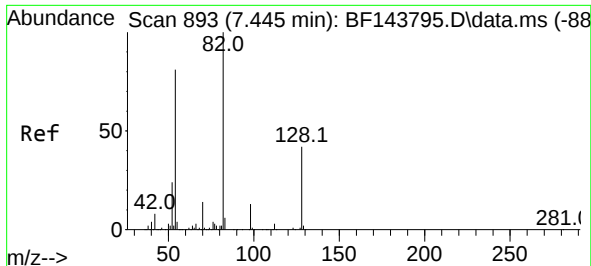
Tgt Ion:	136	Resp:	586166
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	13.7	11.2	16.8
68	6.8	5.6	8.4



#22
Acetophenone
Concen: 43.177 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:	105	Resp:	555882
Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.0	10.4
51	48.1	36.6	55.0
120	22.8	18.1	27.1

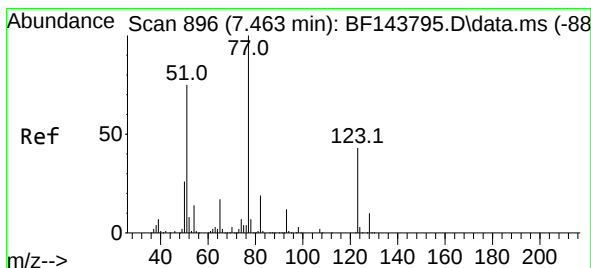
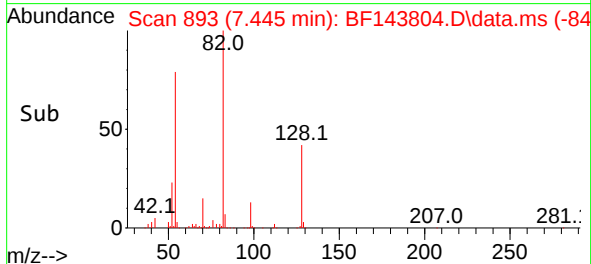
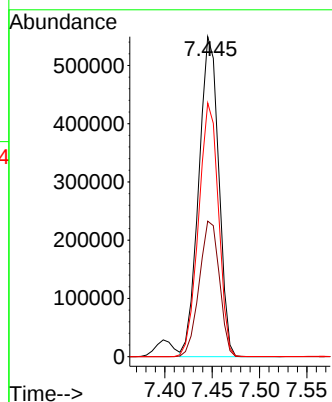
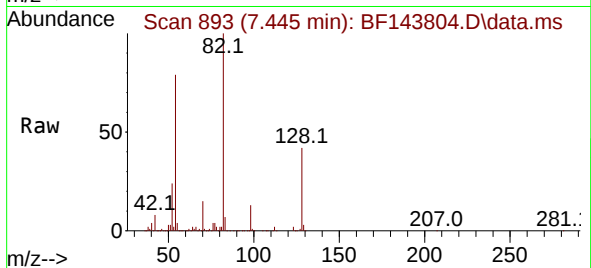




#23
Nitrobenzene-d5
Concen: 84.250 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

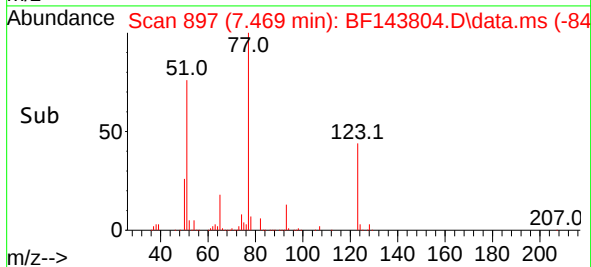
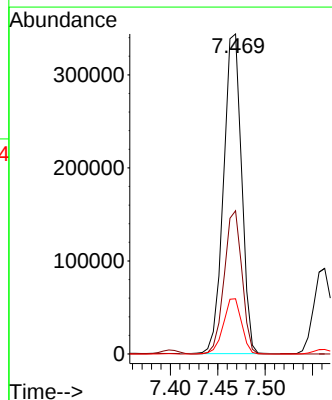
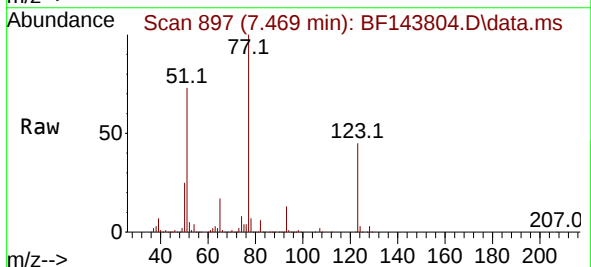
Instrument :
BNA_F
ClientSampleId :
PB169827BS

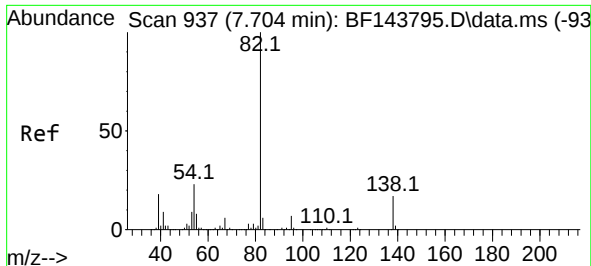
Tgt Ion: 82 Resp: 806781
Ion Ratio Lower Upper
82 100
128 42.4 33.3 49.9
54 79.3 64.2 96.4



#24
Nitrobenzene
Concen: 42.879 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion: 77 Resp: 455128
Ion Ratio Lower Upper
77 100
123 44.7 34.0 51.0
65 17.3 13.5 20.3

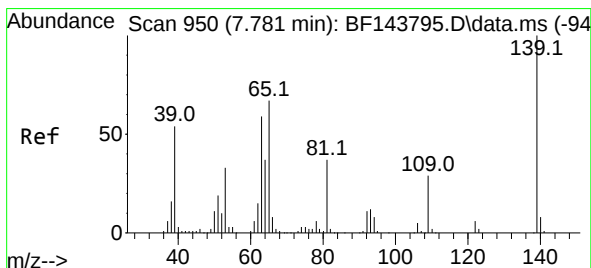
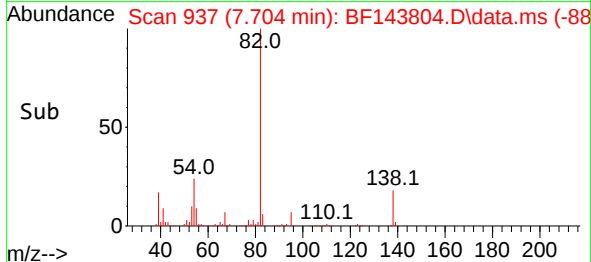
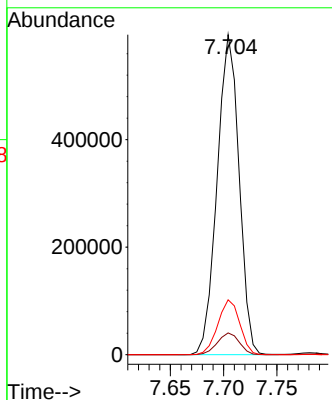
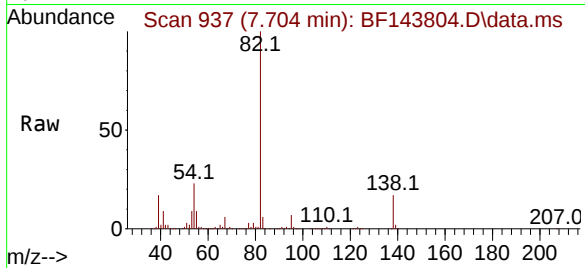




#25
Isophorone
Concen: 45.610 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

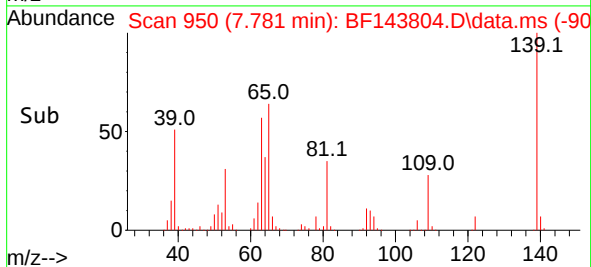
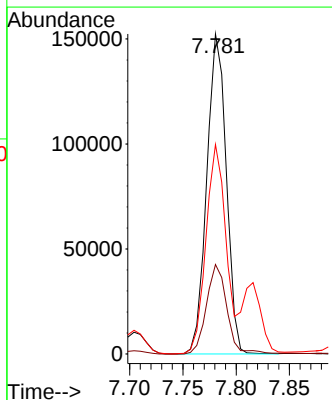
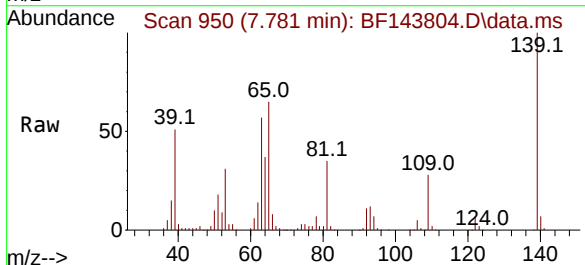
Instrument :
BNA_F
ClientSampleId :
PB169827BS

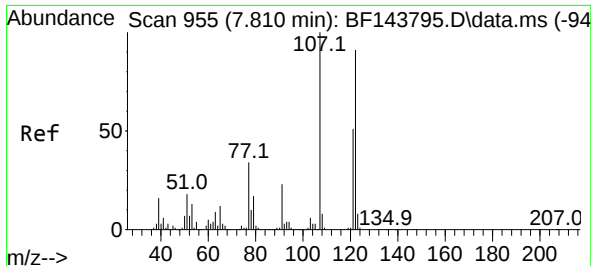
Tgt Ion: 82 Resp: 851108
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 44.766 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:139 Resp: 194232
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 65.4 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 46.755 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143804.D

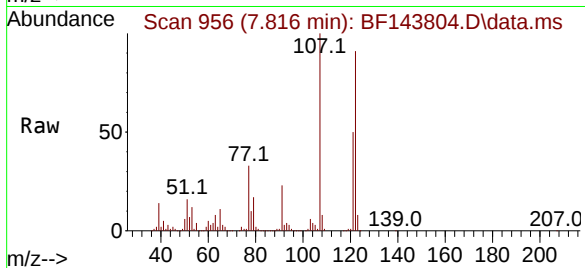
Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS



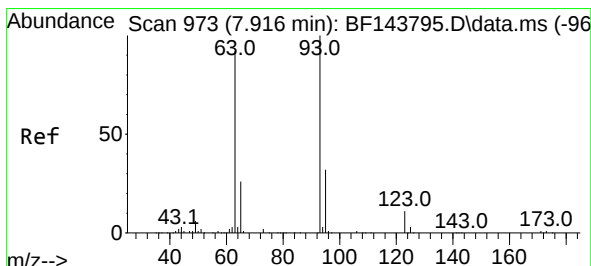
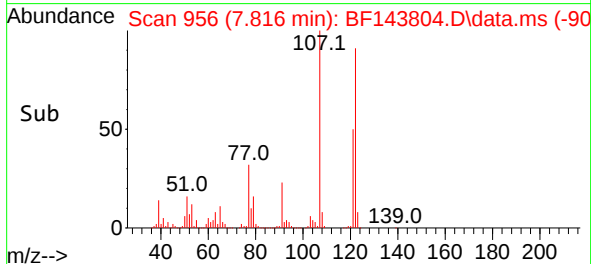
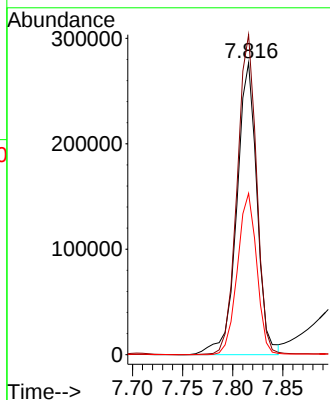
Tgt Ion:122 Resp: 389964

Ion Ratio Lower Upper

122 100

107 109.7 87.5 131.3

121 55.3 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.933 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

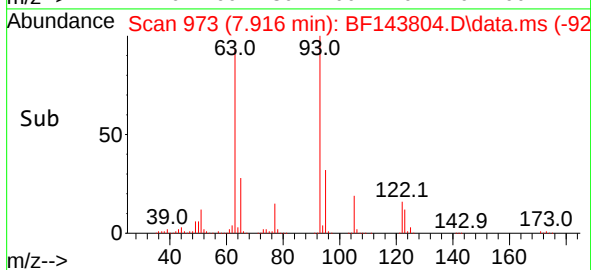
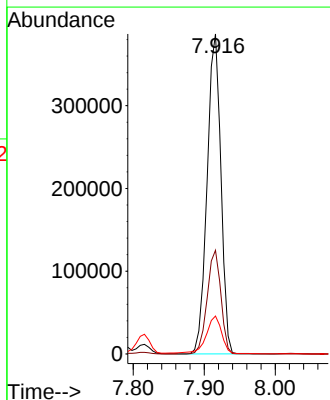
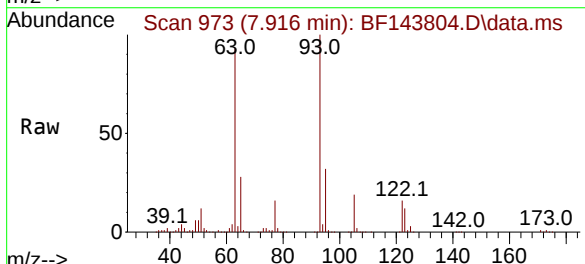
Tgt Ion: 93 Resp: 520514

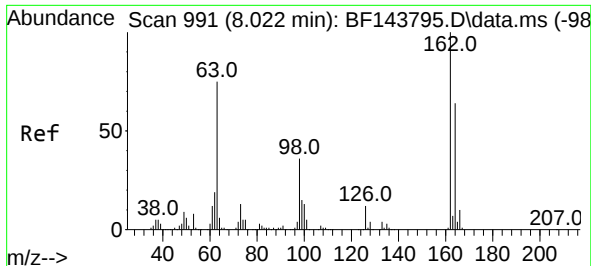
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.716 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

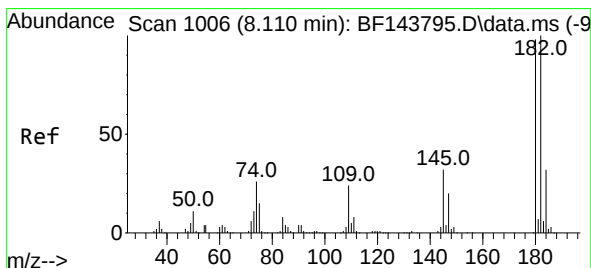
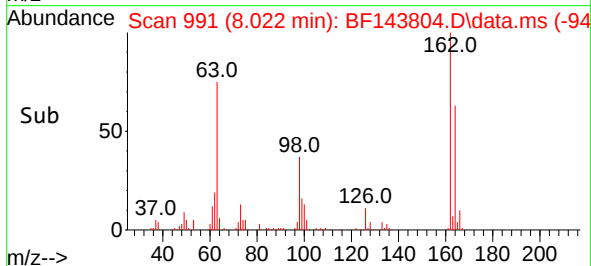
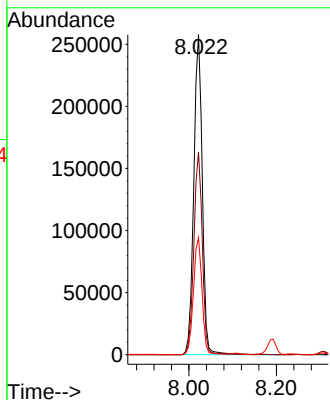
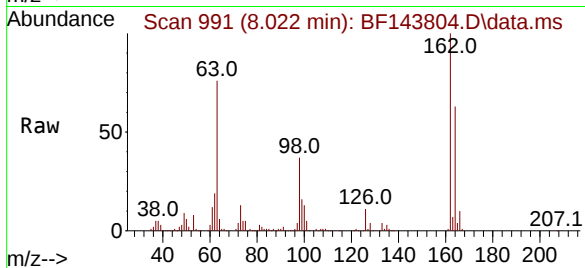
Tgt Ion:162 Resp: 350565

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

98 36.6 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 44.973 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

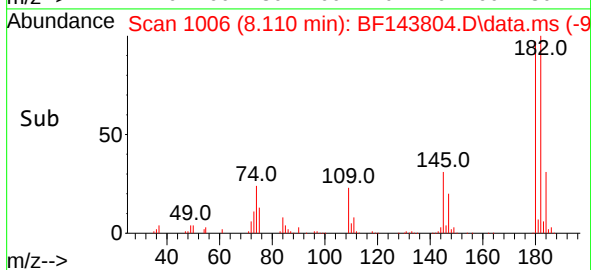
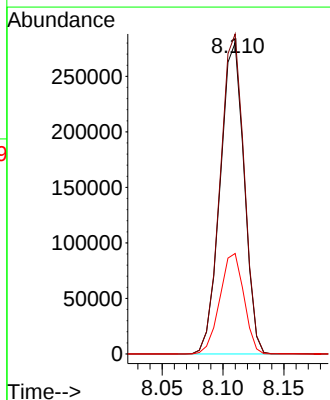
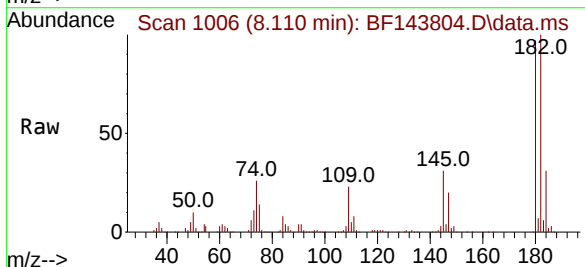
Tgt Ion:180 Resp: 383033

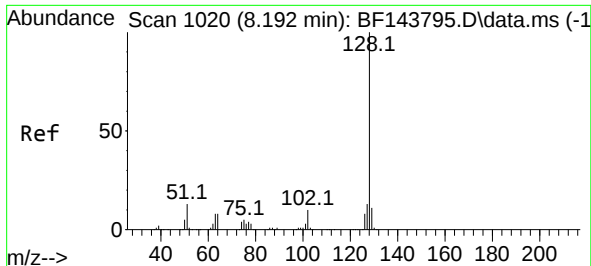
Ion Ratio Lower Upper

180 100

182 102.8 82.0 123.0

145 32.3 25.9 38.9

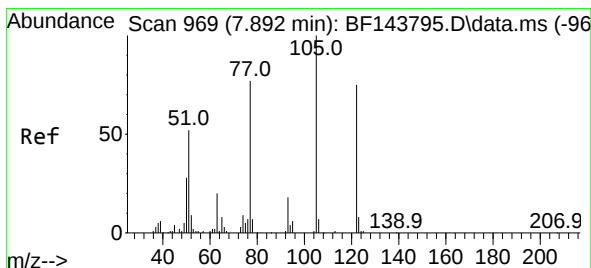
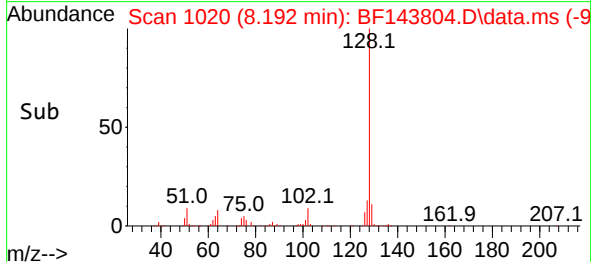
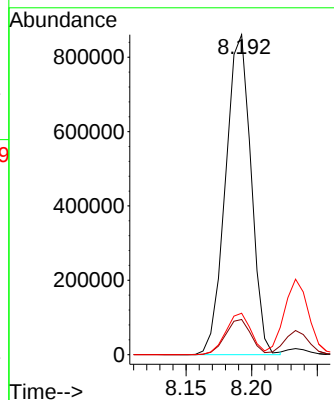
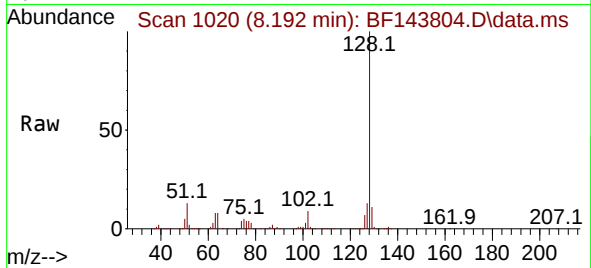




#31
Naphthalene
Concen: 41.443 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

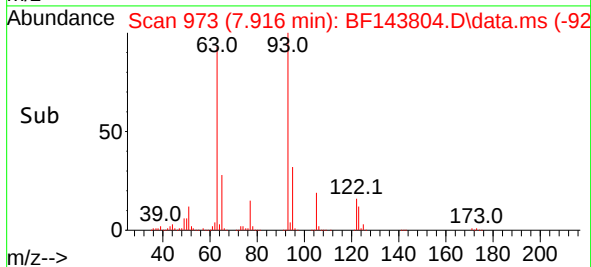
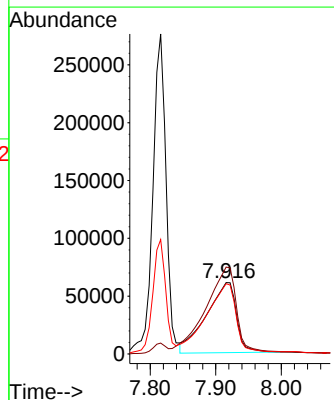
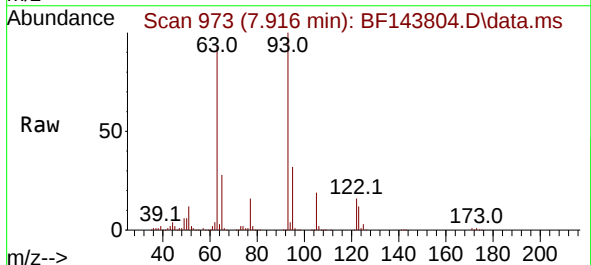
Instrument :
BNA_F
ClientSampleId :
PB169827BS

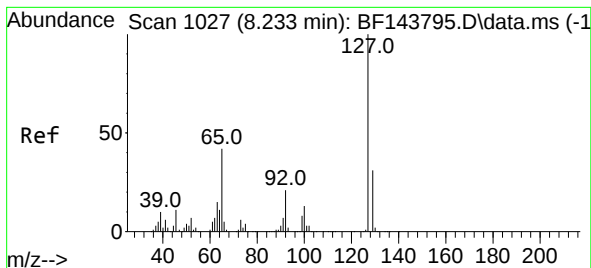
Tgt Ion:128 Resp: 1162906
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 48.280 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:122 Resp: 194288
Ion Ratio Lower Upper
122 100
105 121.6 103.7 143.7
77 98.5 78.8 118.8





#33

4-Chloroaniline

Concen: 27.426 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

Tgt Ion:127 Resp: 270444

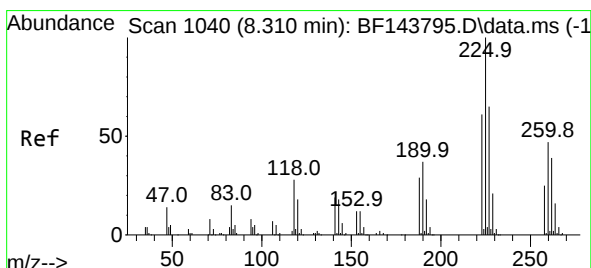
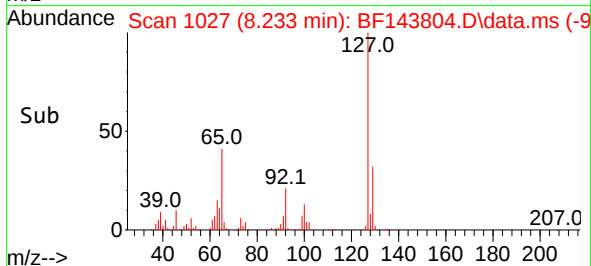
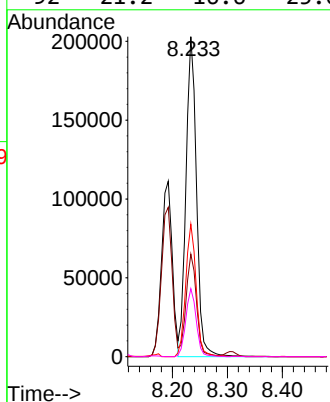
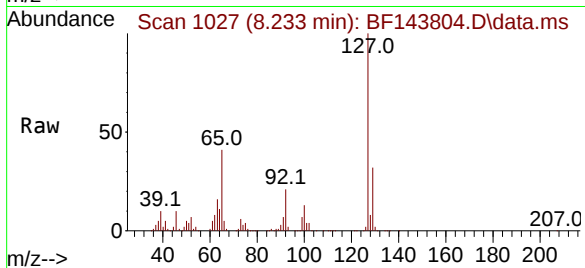
Ion Ratio Lower Upper

127 100

129 32.0 25.4 38.2

65 41.4 33.4 50.2

92 21.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 43.434 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

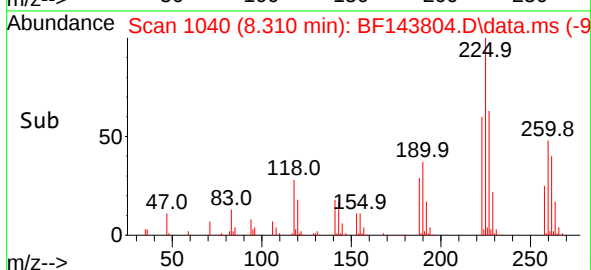
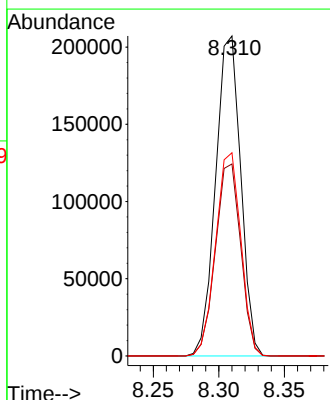
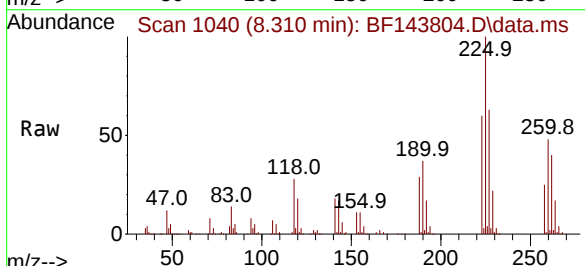
Tgt Ion:225 Resp: 275769

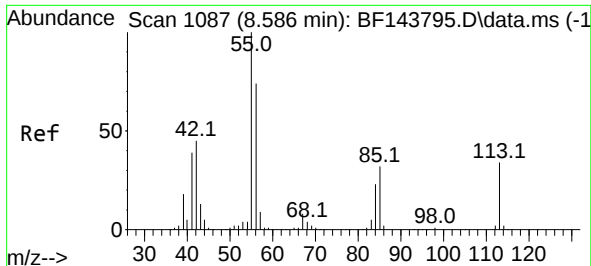
Ion Ratio Lower Upper

225 100

223 60.0 48.6 72.8

227 63.5 51.9 77.9

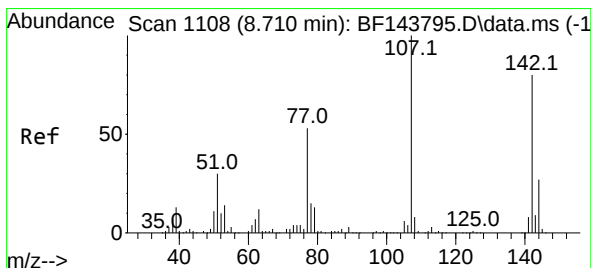
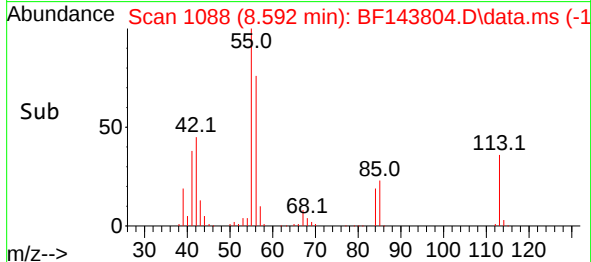
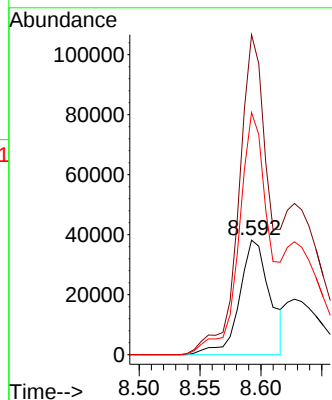
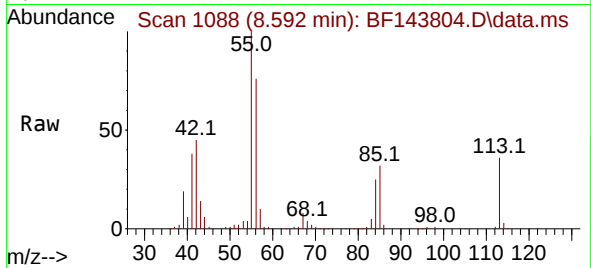




#35
 Caprolactam
 Concen: 31.657 ng
 RT: 8.592 min Scan# 1087
 Delta R.T. -0.018 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

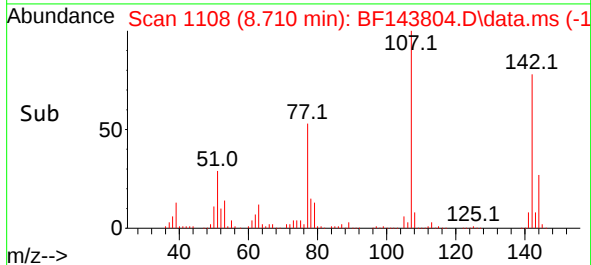
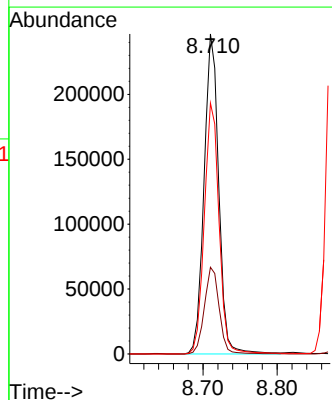
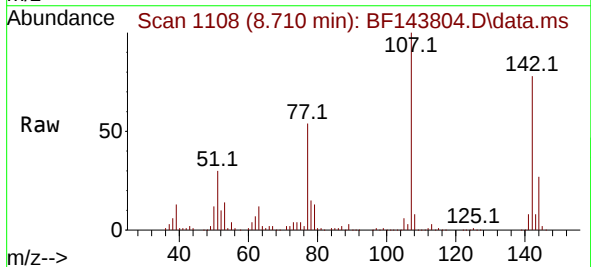
Instrument :
 BNA_F
 ClientSampleId :
 PB169827BS

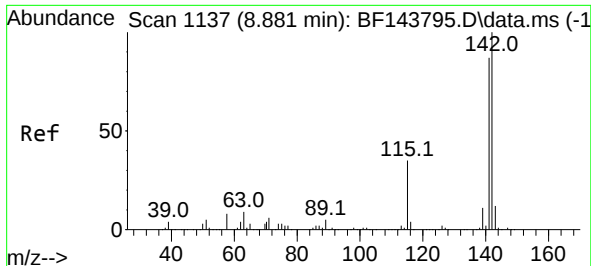
Tgt Ion:113 Resp: 66406
 Ion Ratio Lower Upper
 113 100
 55 279.3 271.7 311.7
 56 211.5 194.5 234.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.128 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

Tgt Ion:107 Resp: 339654
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.8 32.8
 142 78.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 38.789 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

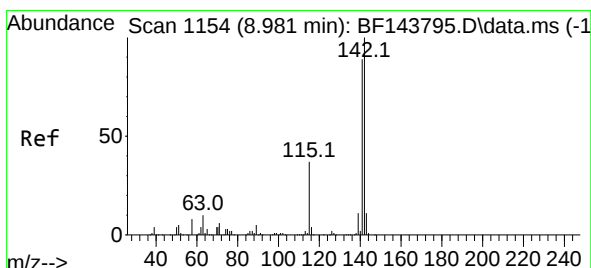
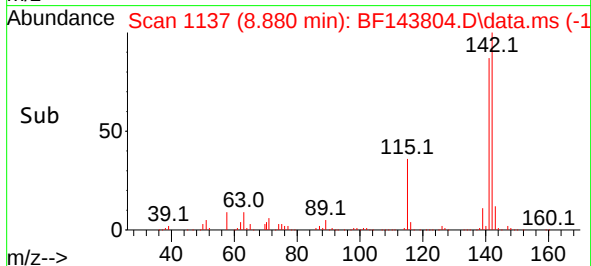
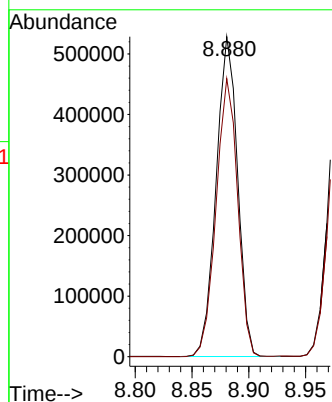
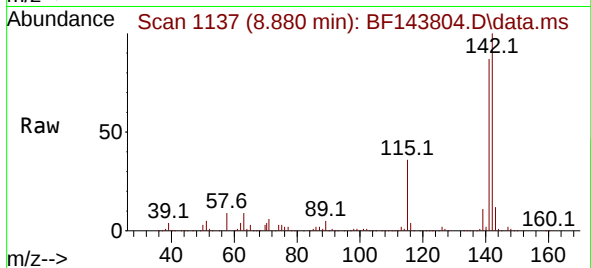
PB169827BS

Tgt Ion:142 Resp: 694046

Ion Ratio Lower Upper

142 100

141 86.9 69.4 104.0



#38

1-Methylnaphthalene

Concen: 41.768 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143804.D

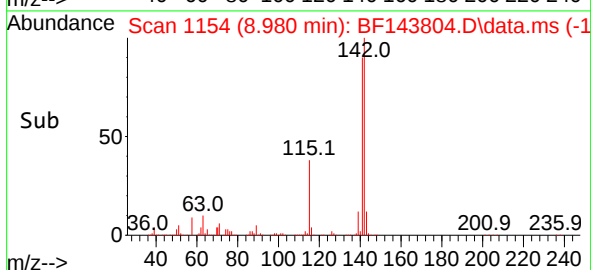
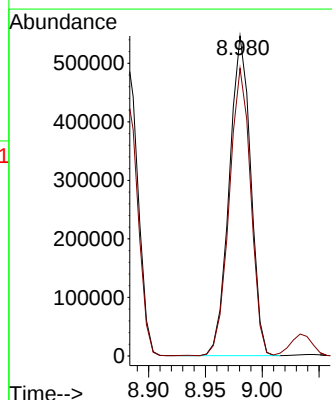
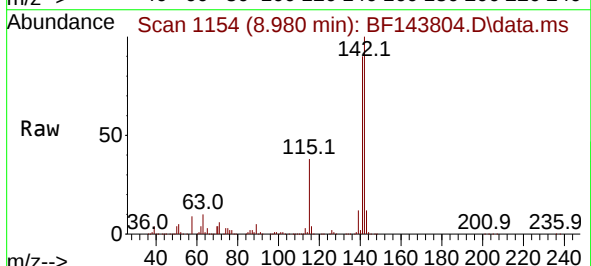
Acq: 25 Sep 2025 14:16

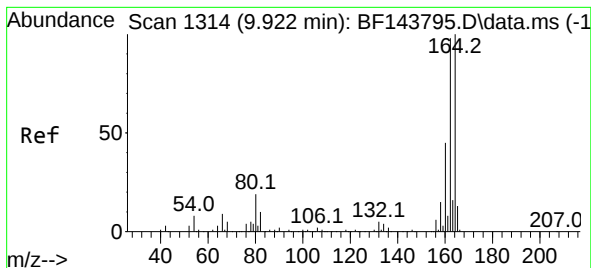
Tgt Ion:142 Resp: 715322

Ion Ratio Lower Upper

142 100

141 89.9 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1115

Delta R.T. -0.001 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

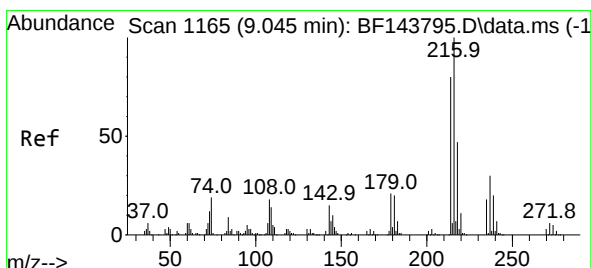
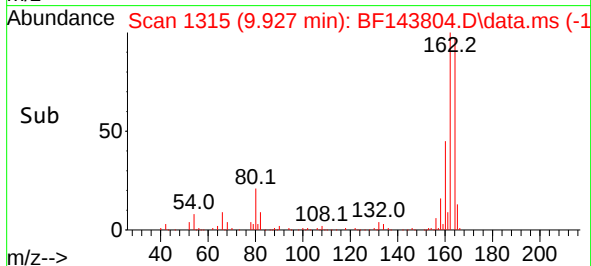
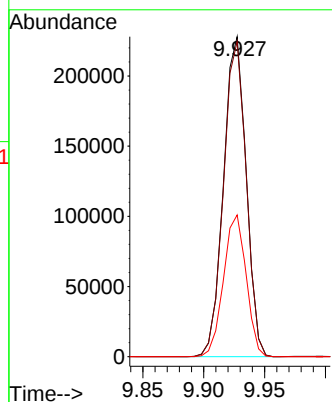
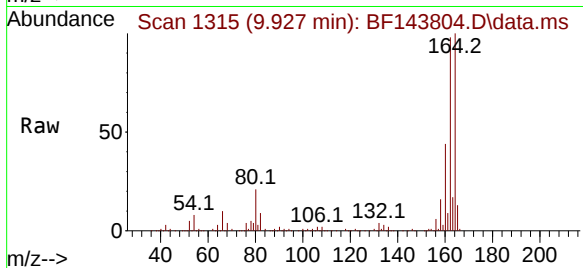
Tgt Ion:164 Resp: 295245

Ion Ratio Lower Upper

164 100

162 98.4 78.8 118.2

160 44.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.402 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Tgt Ion:216 Resp: 368894

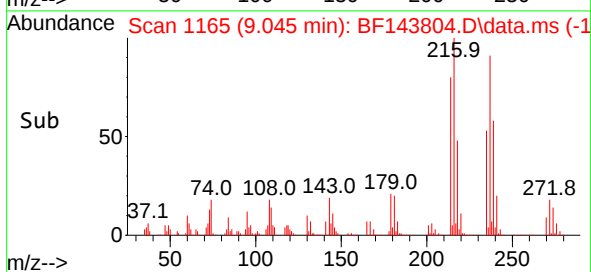
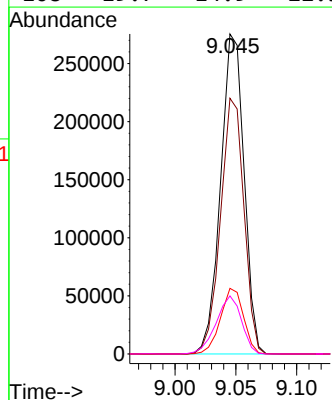
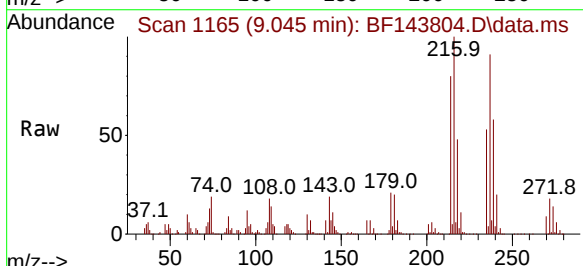
Ion Ratio Lower Upper

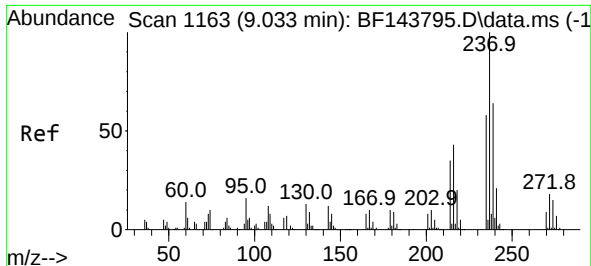
216 100

214 79.7 63.7 95.5

179 20.2 16.5 24.7

108 19.7 14.9 22.3

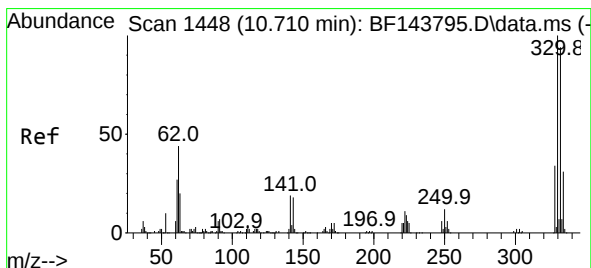
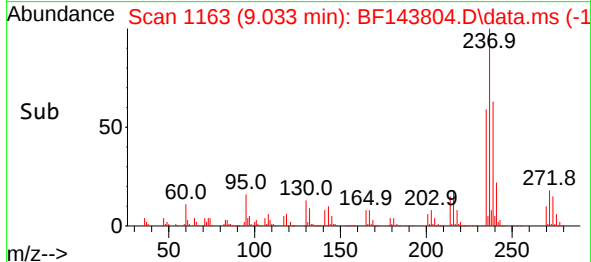
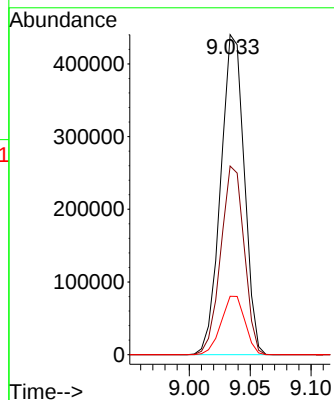
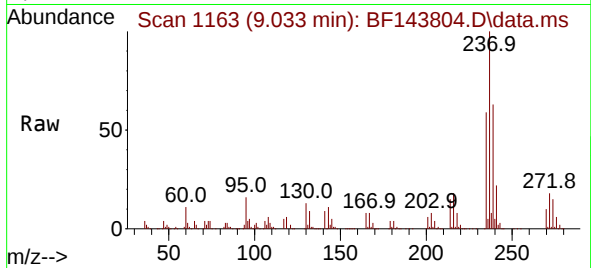




#41
Hexachlorocyclopentadiene
Concen: 105.022 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

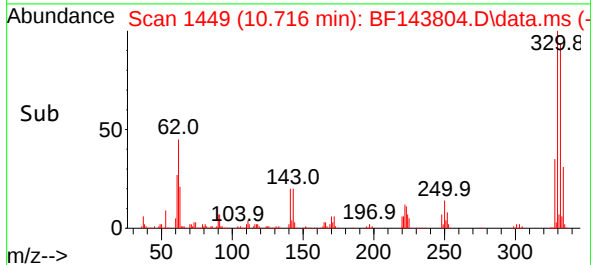
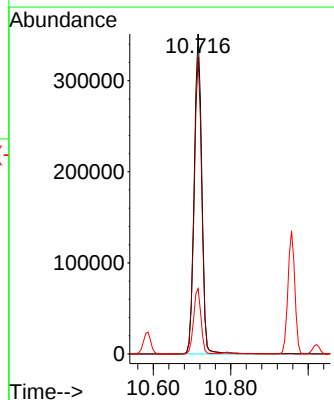
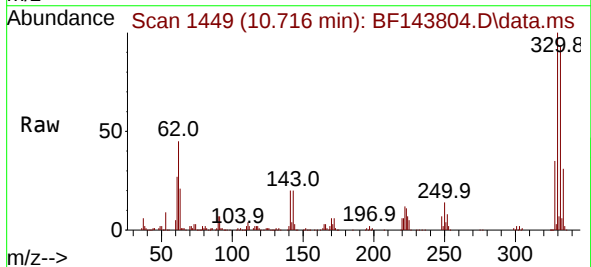
Instrument :
BNA_F
ClientSampleId :
PB169827BS

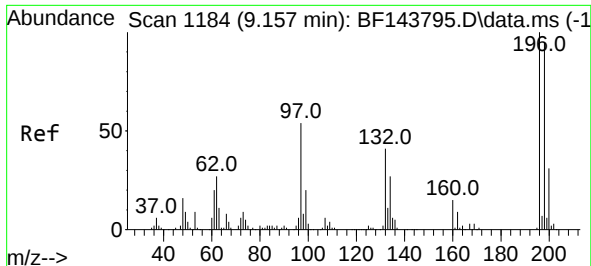
Tgt Ion:237 Resp: 593049
Ion Ratio Lower Upper
237 100
235 59.0 38.1 78.1
272 18.3 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 109.742 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:330 Resp: 479746
Ion Ratio Lower Upper
330 100
332 92.8 74.7 112.1
141 19.8 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 45.563 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

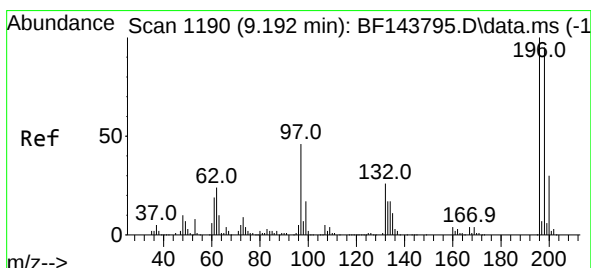
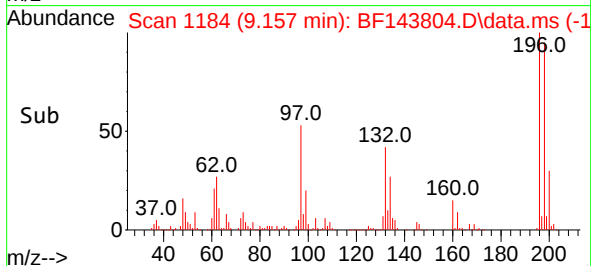
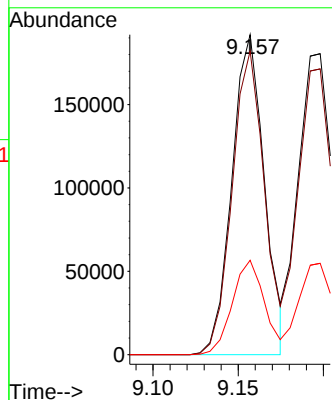
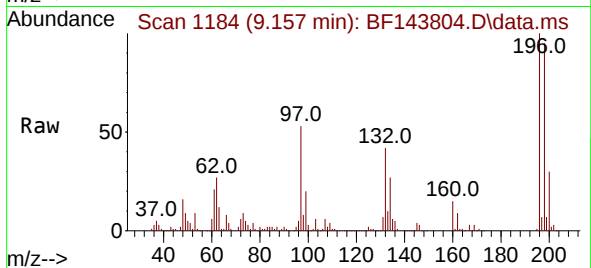
Tgt Ion:196 Resp: 254202

Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 29.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.524 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Tgt Ion:196 Resp: 259825

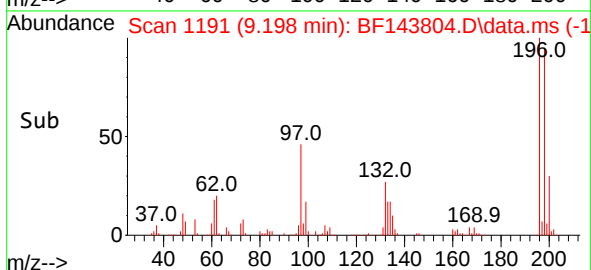
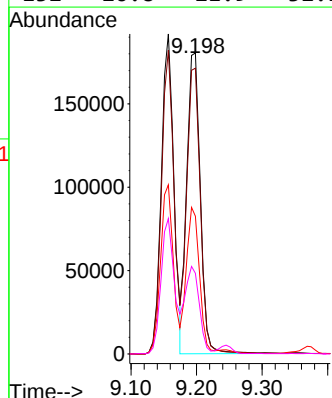
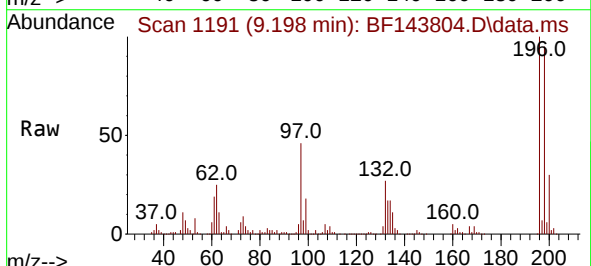
Ion Ratio Lower Upper

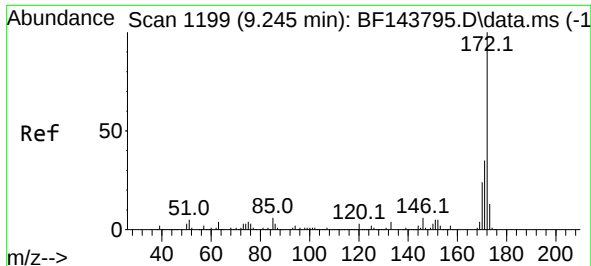
196 100

198 95.0 75.9 113.9

97 45.8 38.3 57.5

132 26.8 21.9 32.9

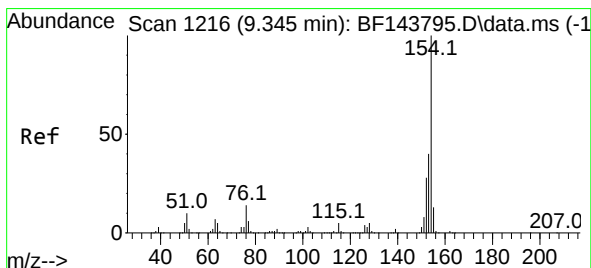
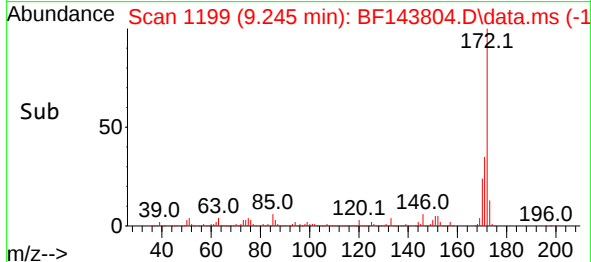
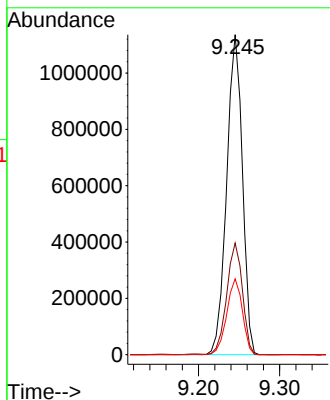
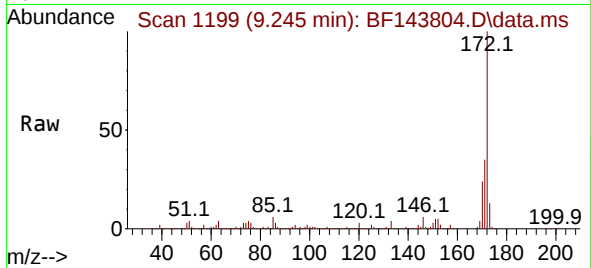




#45
2-Fluorobiphenyl
Concen: 80.812 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

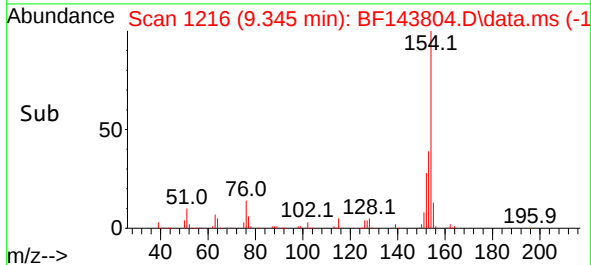
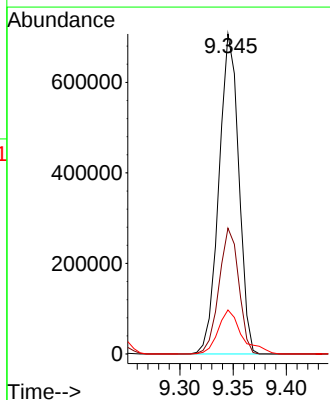
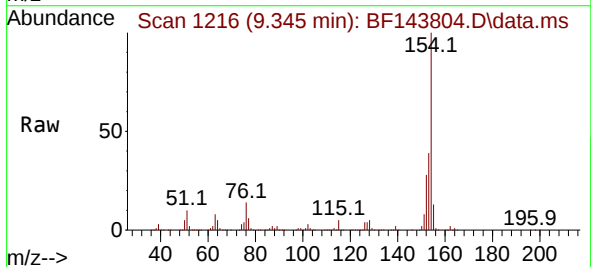
Instrument :
BNA_F
ClientSampleId :
PB169827BS

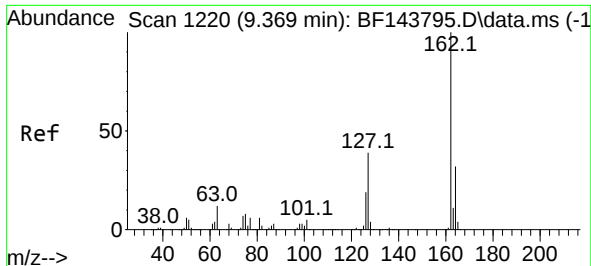
Tgt Ion:172 Resp: 1528950
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 42.764 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:154 Resp: 913939
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 13.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.897 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

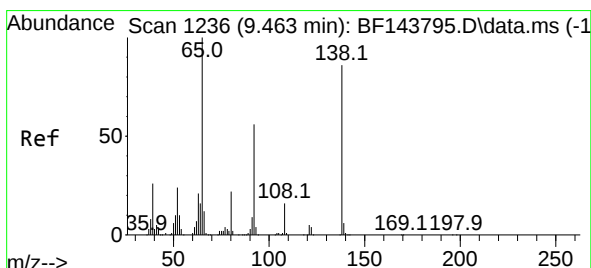
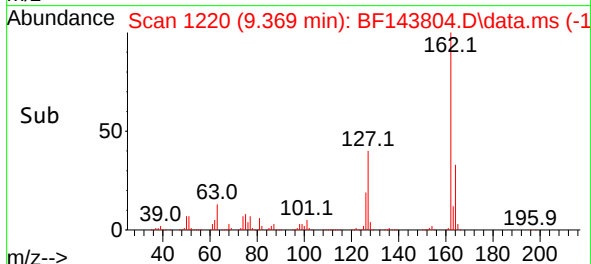
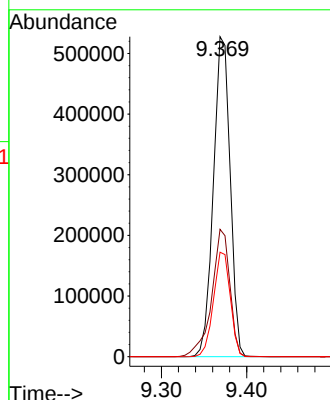
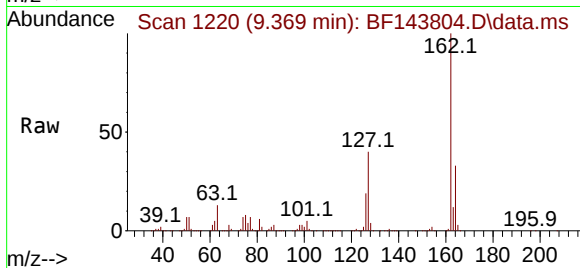
Tgt Ion:162 Resp: 720777

Ion Ratio Lower Upper

162 100

127 39.8 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 49.800 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

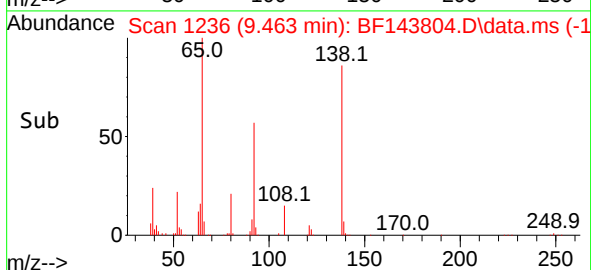
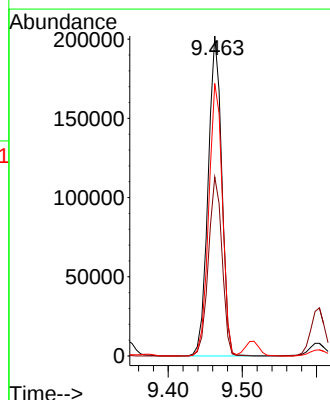
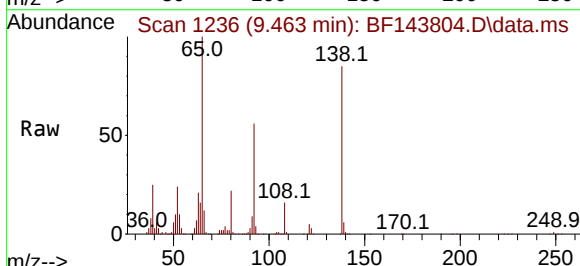
Tgt Ion: 65 Resp: 258937

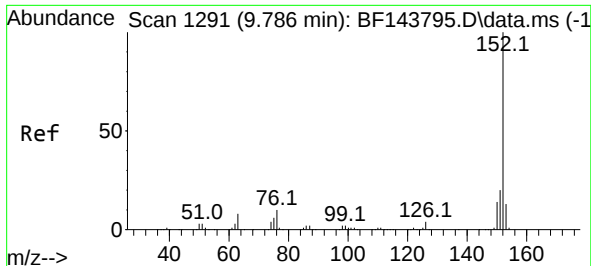
Ion Ratio Lower Upper

65 100

92 56.0 44.9 67.3

138 85.2 69.0 103.4

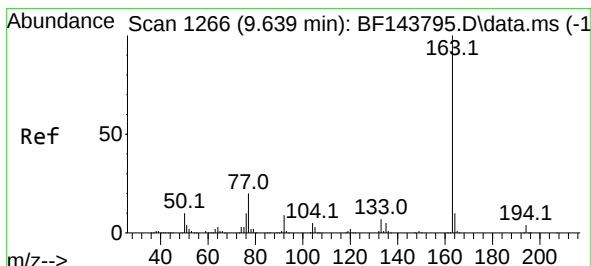
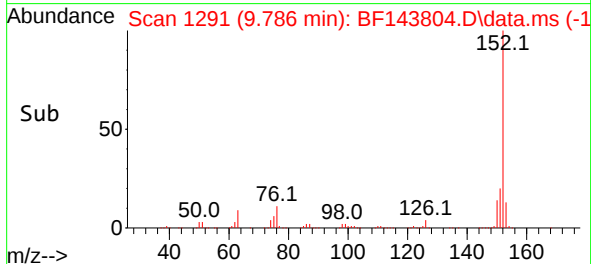
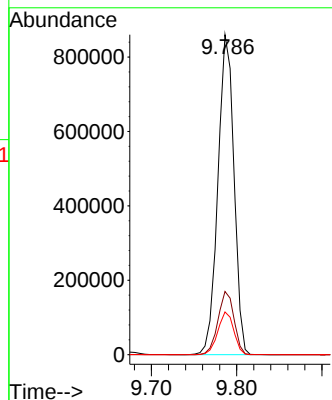
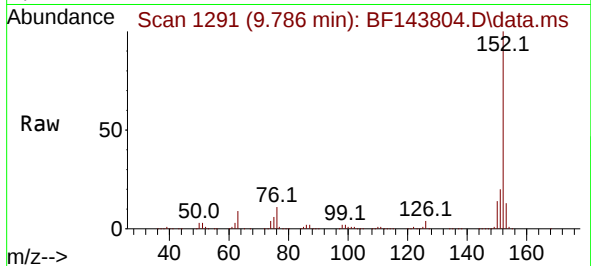




#49
Acenaphthylene
Concen: 47.592 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

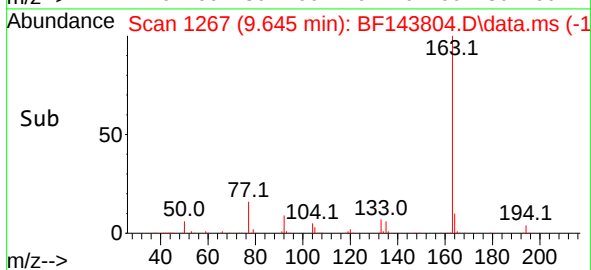
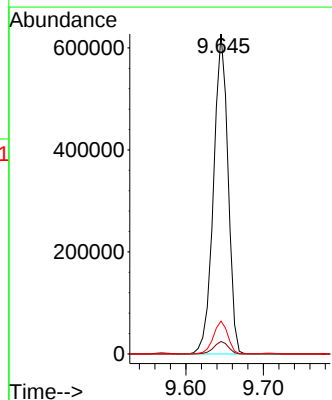
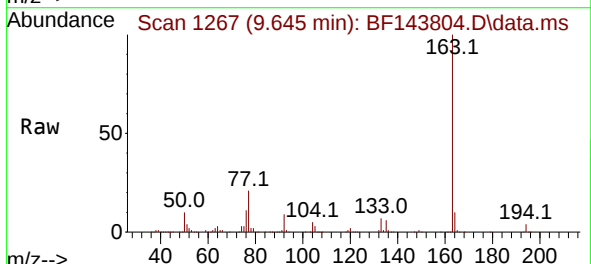
Instrument :
BNA_F
ClientSampleId :
PB169827BS

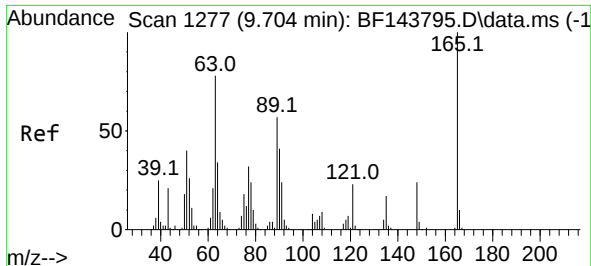
Tgt Ion:152 Resp: 1127108
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 45.221 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:163 Resp: 813768
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.2

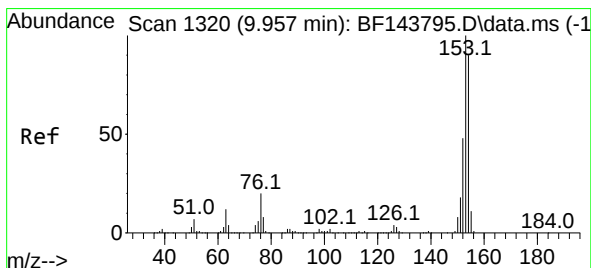
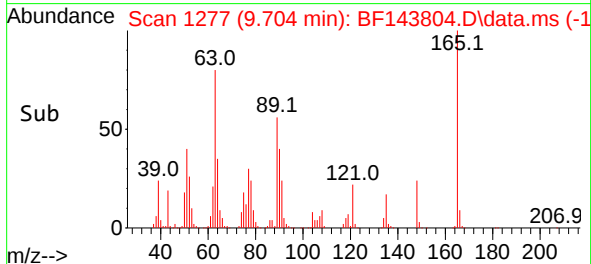
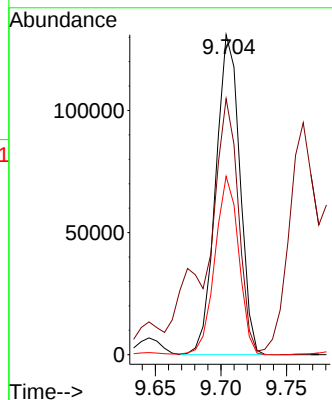
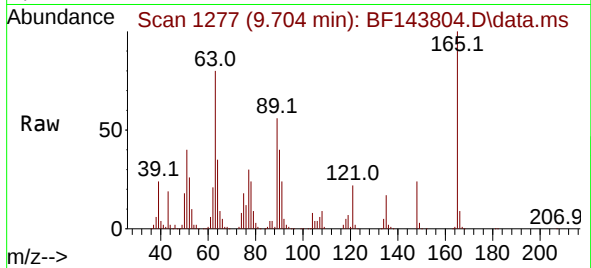




#51
2,6-Dinitrotoluene
Concen: 56.554 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

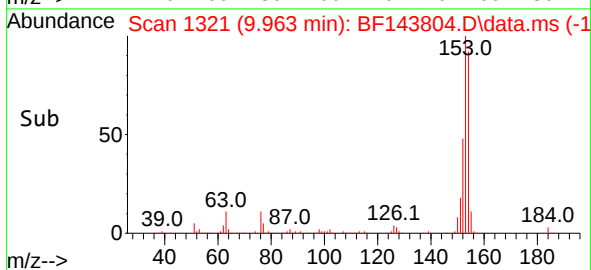
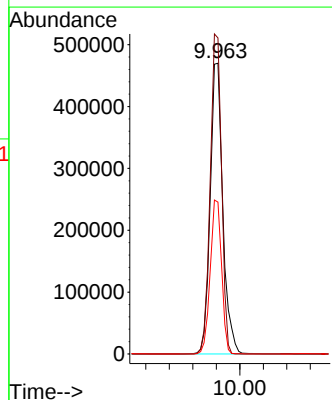
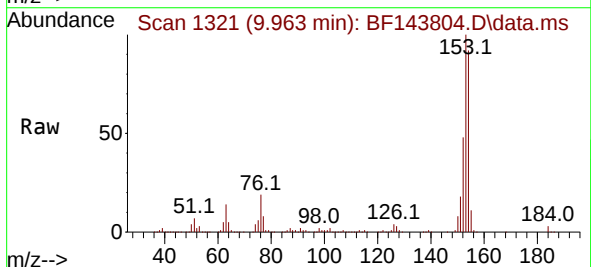
Instrument :
BNA_F
ClientSampleId :
PB169827BS

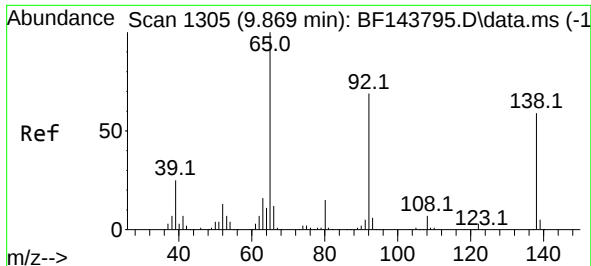
Tgt Ion:165 Resp: 167208
Ion Ratio Lower Upper
165 100
63 80.0 62.6 94.0
89 55.8 45.2 67.8



#52
Acenaphthene
Concen: 44.850 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:154 Resp: 698991
Ion Ratio Lower Upper
154 100
153 108.7 88.7 133.1
152 52.2 42.7 64.1

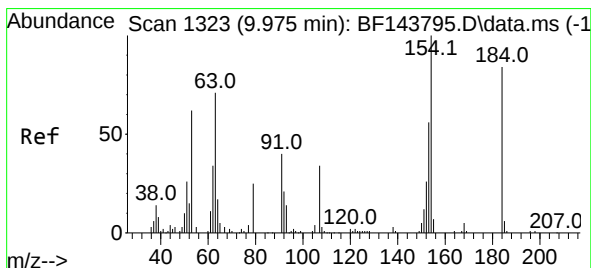
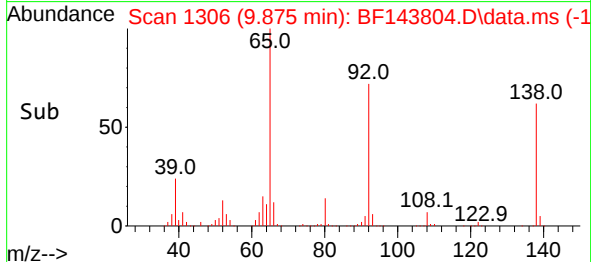
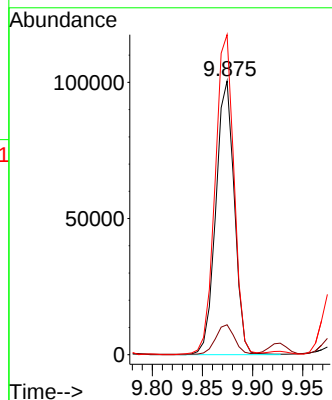
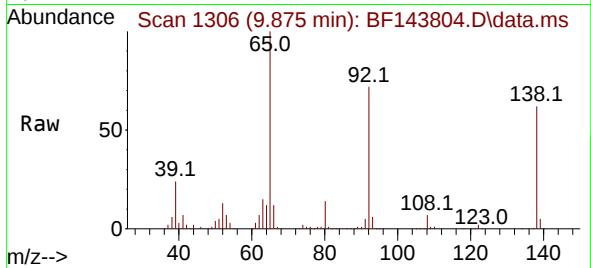




#53
3-Nitroaniline
Concen: 35.898 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

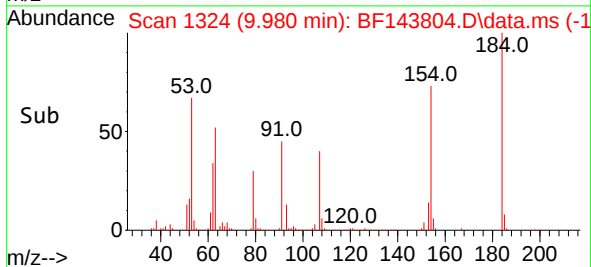
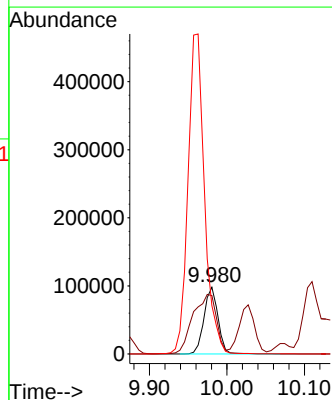
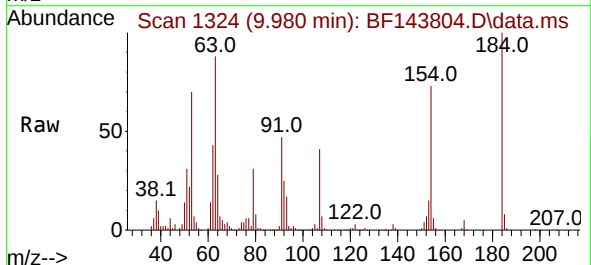
Instrument :
BNA_F
ClientSampleId :
PB169827BS

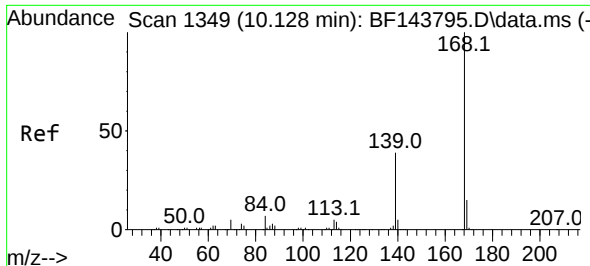
Tgt Ion:138 Resp: 128649
Ion Ratio Lower Upper
138 100
108 10.9 9.9 14.9
92 117.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 90.006 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:184 Resp: 123010
Ion Ratio Lower Upper
184 100
63 87.7 84.6 127.0
154 72.5 199.3 298.9#

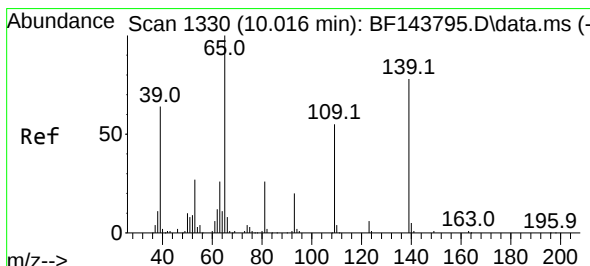
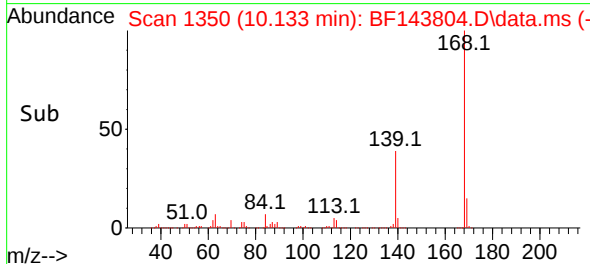
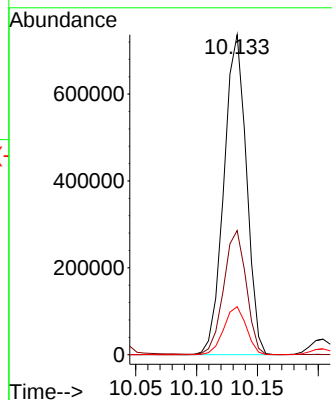
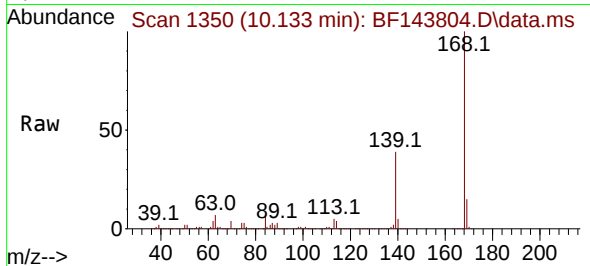




#55
Dibenzenofuran
Concen: 43.014 ng
RT: 10.133 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

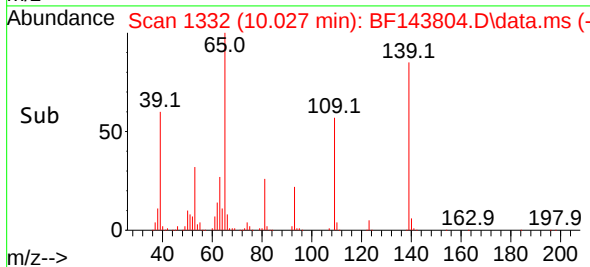
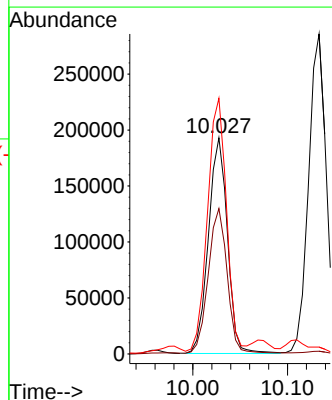
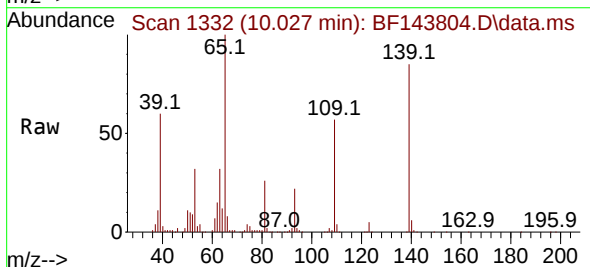
Instrument :
BNA_F
ClientSampleId :
PB169827BS

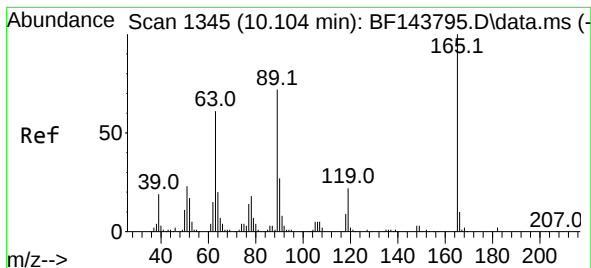
Tgt Ion:168 Resp: 947951
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 15.0 11.9 17.9



#56
4-Nitrophenol
Concen: 93.169 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

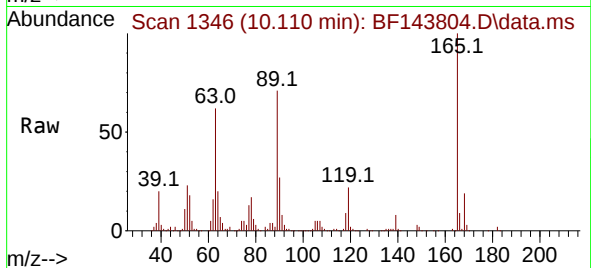
Tgt Ion:139 Resp: 269066
Ion Ratio Lower Upper
139 100
109 67.3 50.2 90.2
65 118.3 109.2 149.2



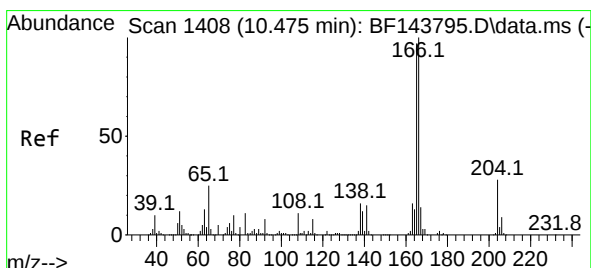
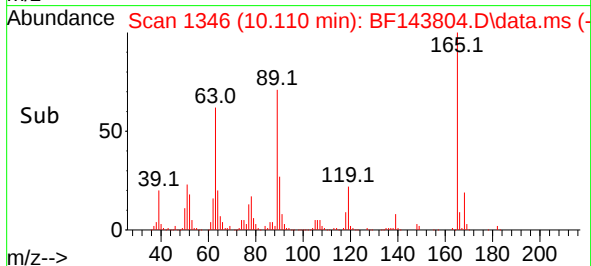
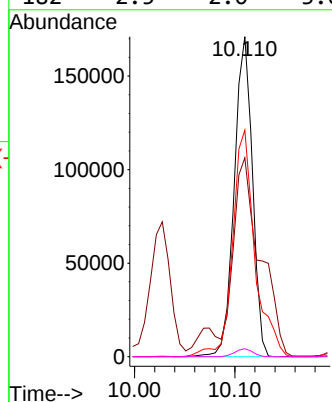


#57
2,4-Dinitrotoluene
Concen: 48.920 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB169827BS

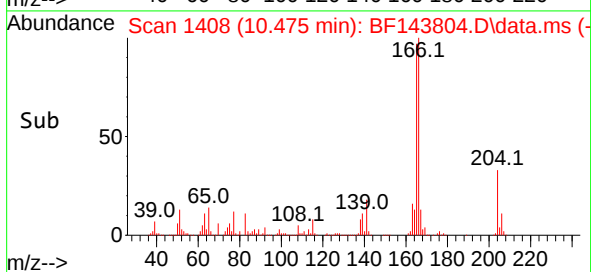
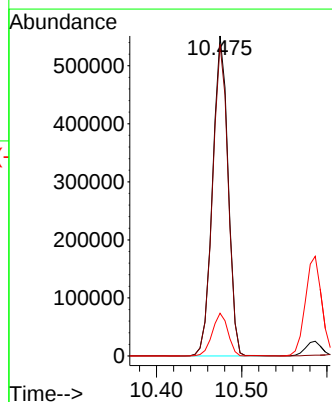
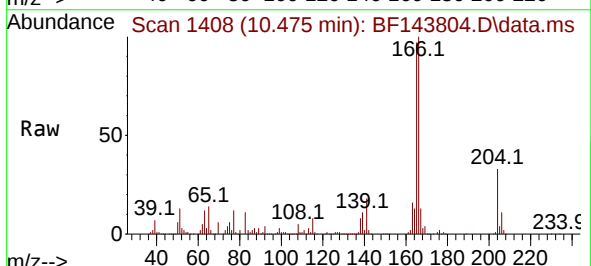


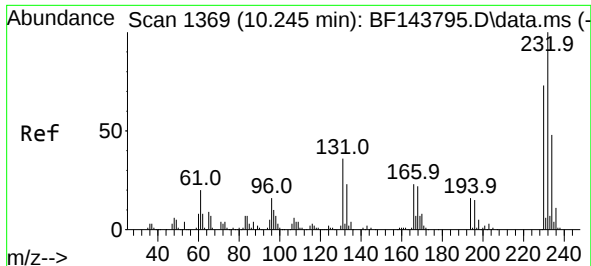
Tgt Ion:165 Resp: 214946
Ion Ratio Lower Upper
165 100
63 62.1 48.9 73.3
89 70.8 57.5 86.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 42.689 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:166 Resp: 699412
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.4 10.9 16.3

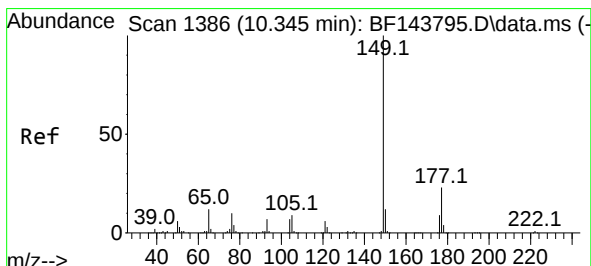
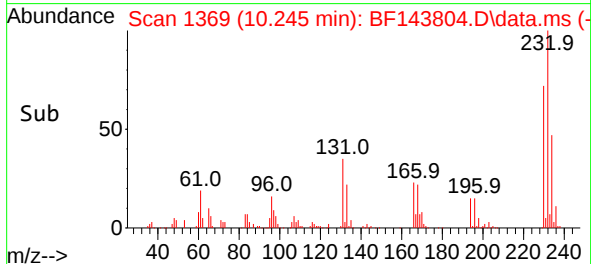
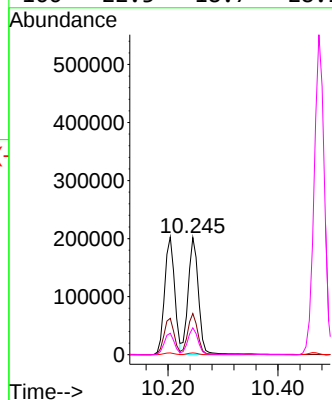
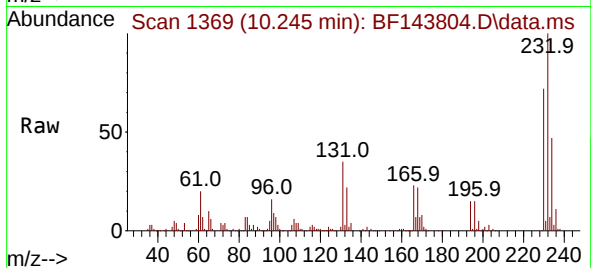




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.578 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

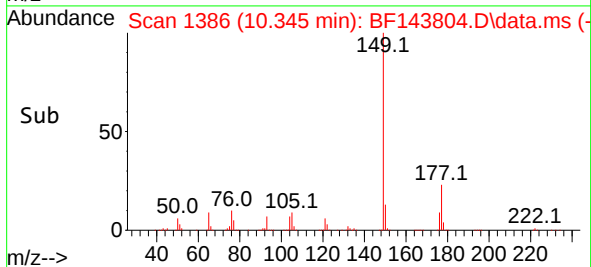
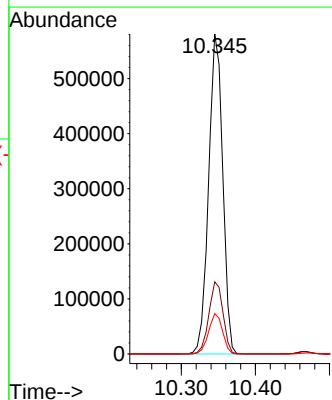
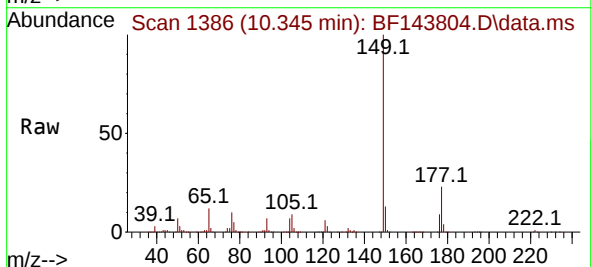
Instrument :
BNA_F
ClientSampleId :
PB169827BS

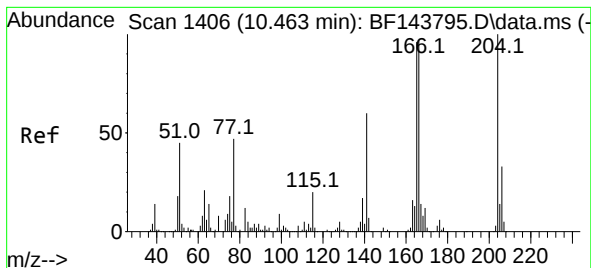
Tgt Ion:232 Resp: 262852
Ion Ratio Lower Upper
232 100
131 34.6 29.4 44.2
130 1.5 1.3 1.9
166 22.3 18.7 28.1



#60
Diethylphthalate
Concen: 45.548 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:149 Resp: 767269
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.6 9.7 14.5

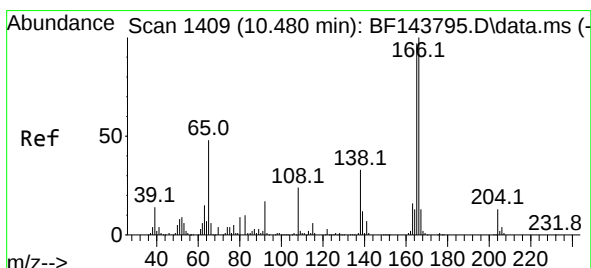
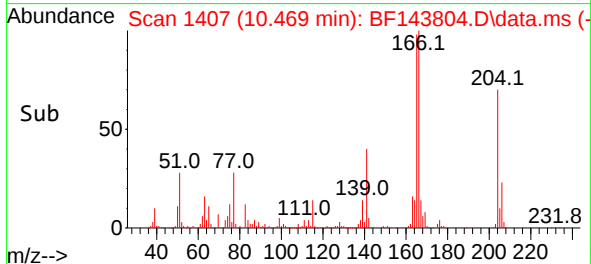
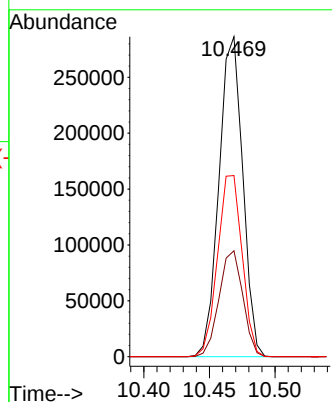
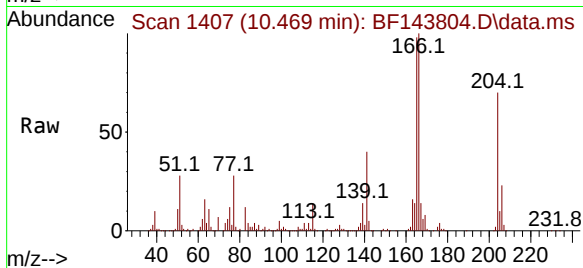




#61
4-Chlorophenyl-phenylether
Concen: 43.204 ng
RT: 10.469 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

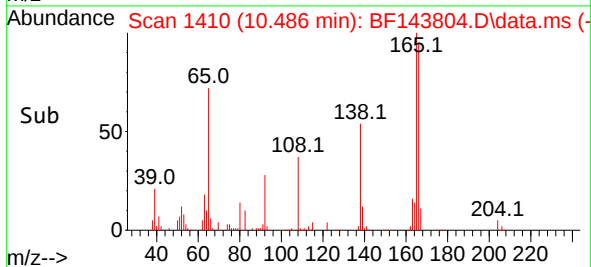
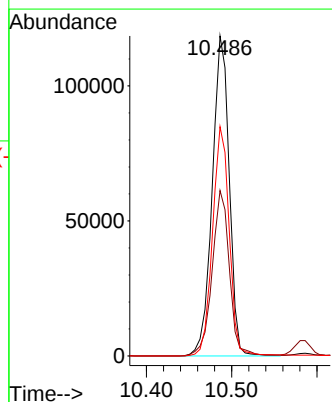
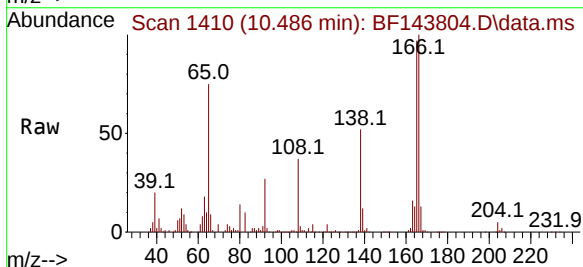
Instrument :
BNA_F
ClientSampleId :
PB169827BS

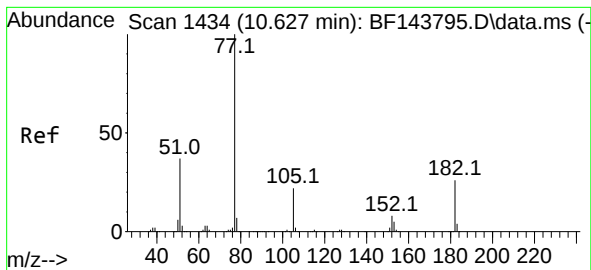
Tgt Ion:204 Resp: 360668
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 56.6 48.2 72.2



#62
4-Nitroaniline
Concen: 48.768 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:138 Resp: 164334
Ion Ratio Lower Upper
138 100
92 51.7 31.5 71.5
108 71.6 51.9 91.9

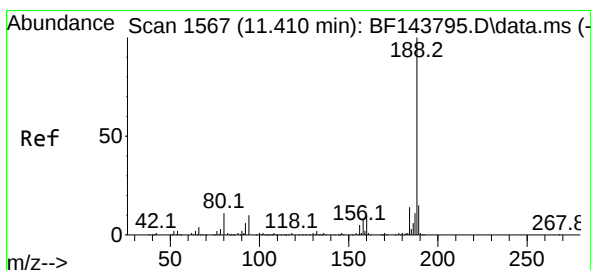
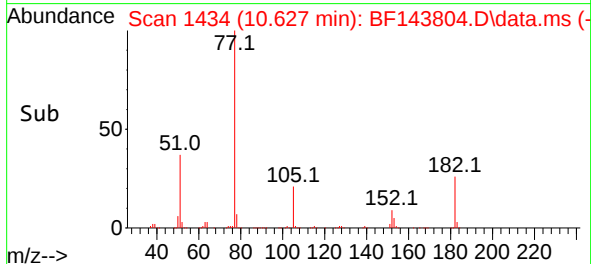
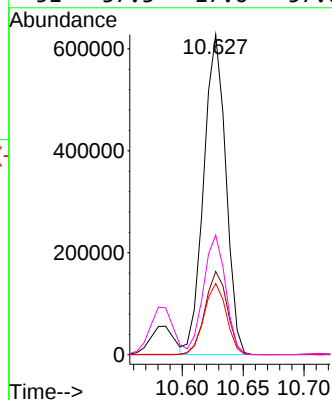
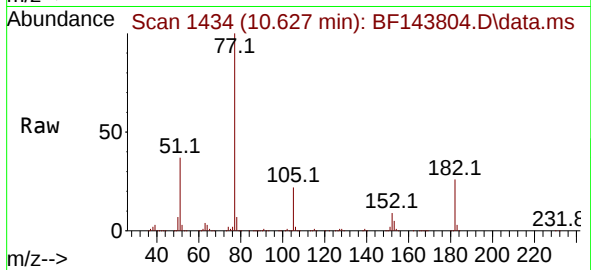




#63
Azobenzene
Concen: 44.894 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

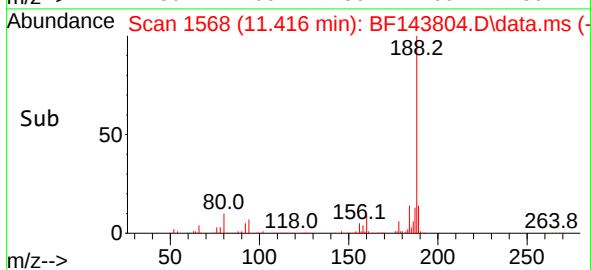
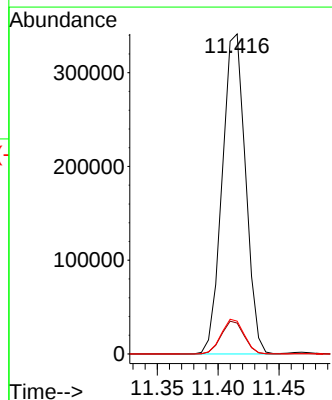
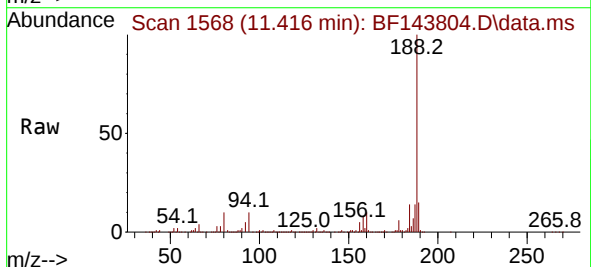
Instrument :
BNA_F
ClientSampleId :
PB169827BS

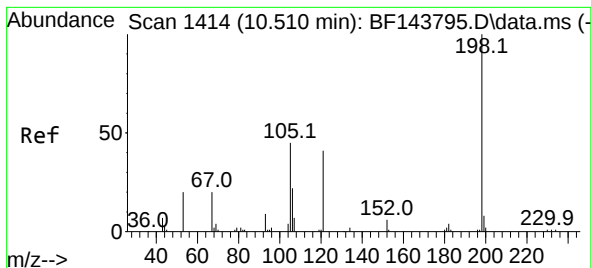
Tgt Ion:	77	Resp:	797009
Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.9	45.9
105	22.3	2.3	42.3
51	37.3	17.6	57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:	188	Resp:	455131
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.3	8.6	12.8

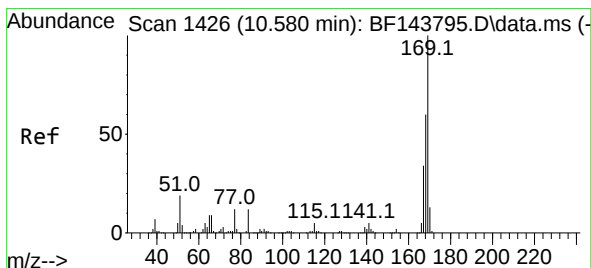
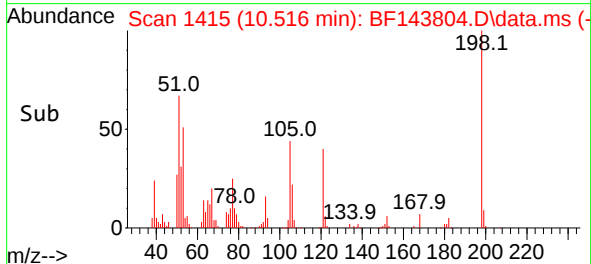
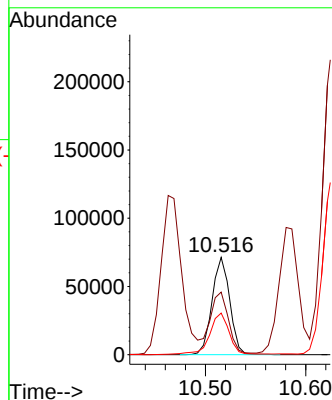
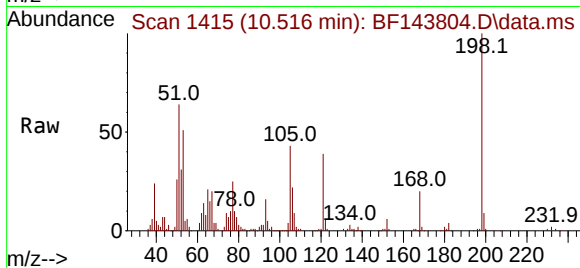




#65
4,6-Dinitro-2-methylphenol
Concen: 51.358 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

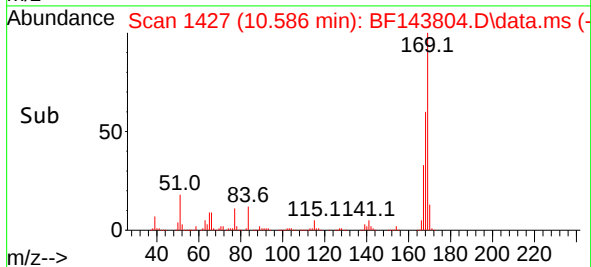
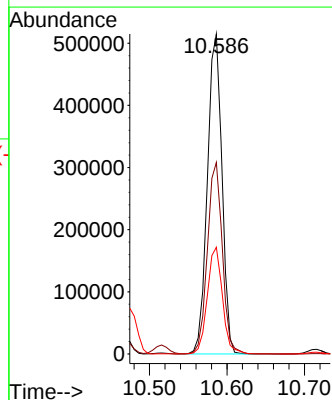
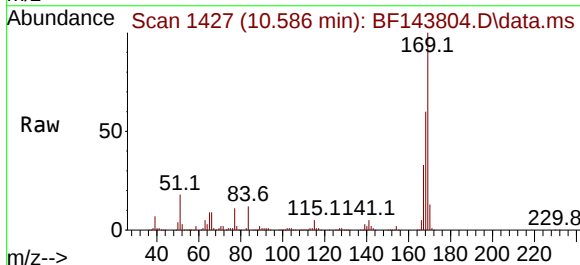
Instrument :
BNA_F
ClientSampleId :
PB169827BS

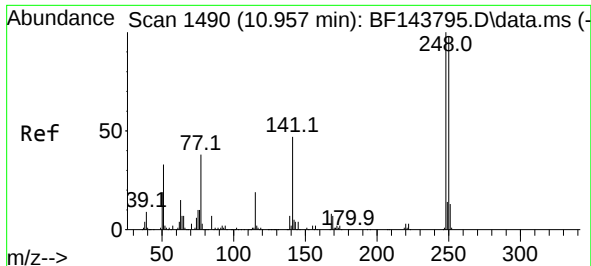
Tgt Ion:198 Resp: 87321
Ion Ratio Lower Upper
198 100
51 64.3 52.0 92.0
105 42.7 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 44.861 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:169 Resp: 671478
Ion Ratio Lower Upper
169 100
168 59.8 47.9 71.9
167 33.4 27.0 40.6

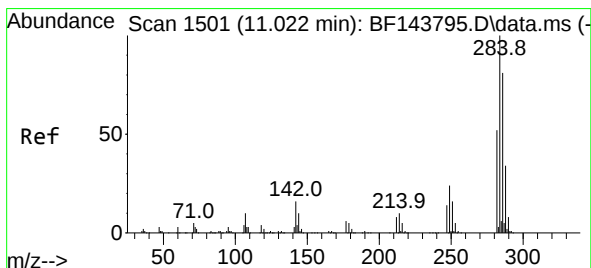
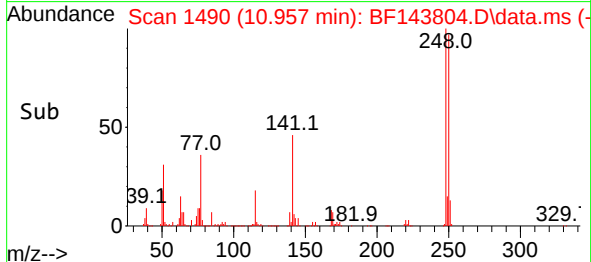
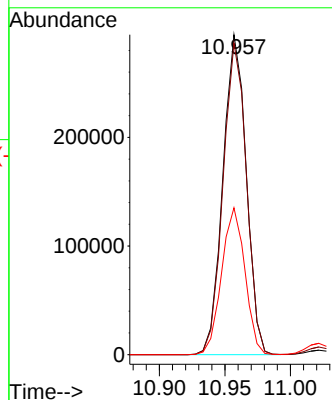
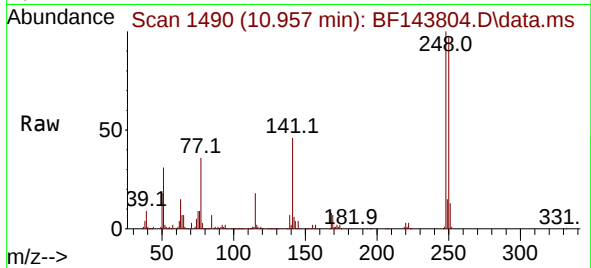




#67
4-Bromophenyl-phenylether
Concen: 46.988 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

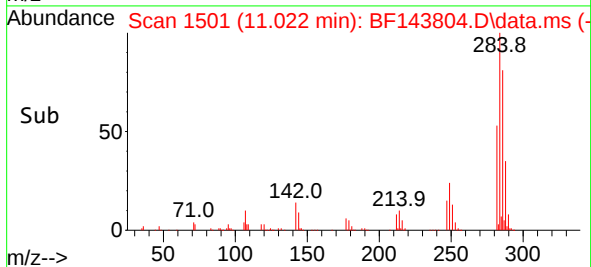
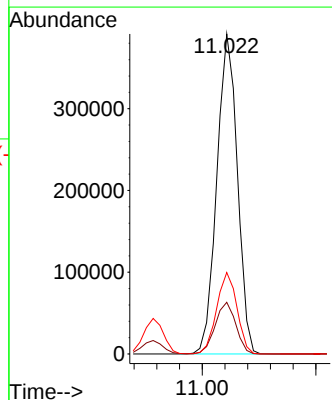
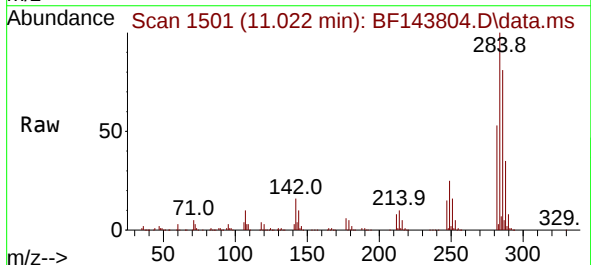
Instrument :
BNA_F
ClientSampleId :
PB169827BS

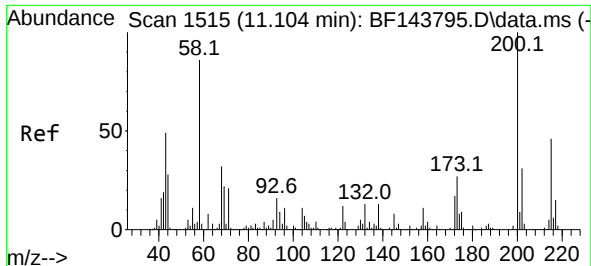
Tgt Ion:248 Resp: 364447
Ion Ratio Lower Upper
248 100
250 97.4 78.7 118.1
141 45.9 37.9 56.9



#68
Hexachlorobenzene
Concen: 46.029 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:284 Resp: 491991
Ion Ratio Lower Upper
284 100
142 16.2 13.1 19.7
249 25.5 19.5 29.3

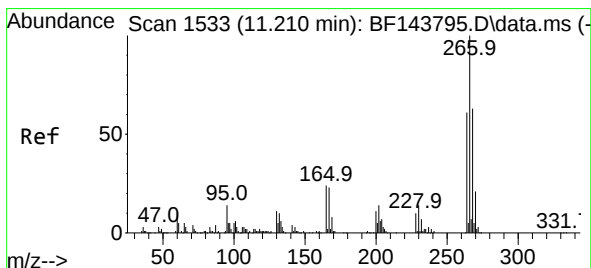
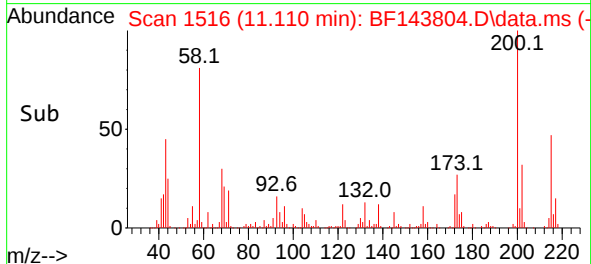
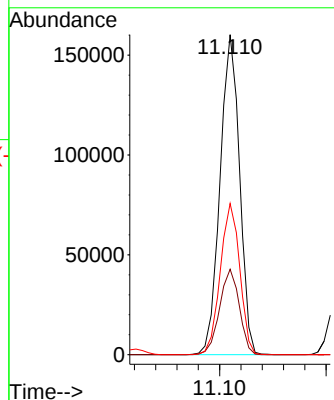
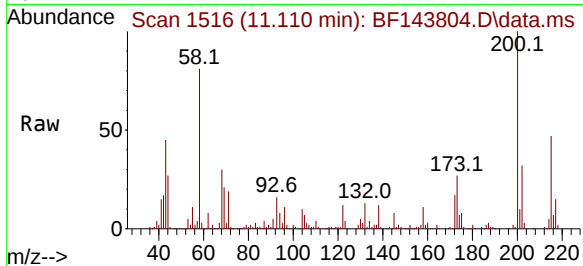




#69
 Atrazine
 Concen: 46.880 ng
 RT: 11.110 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

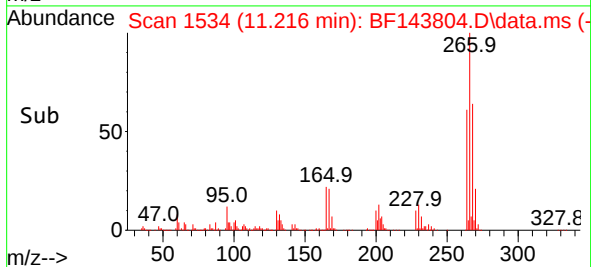
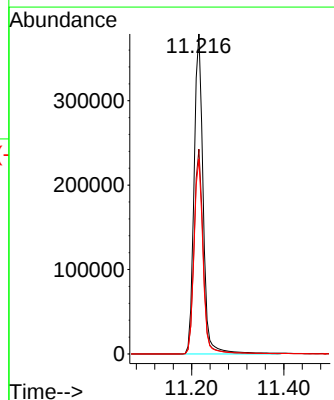
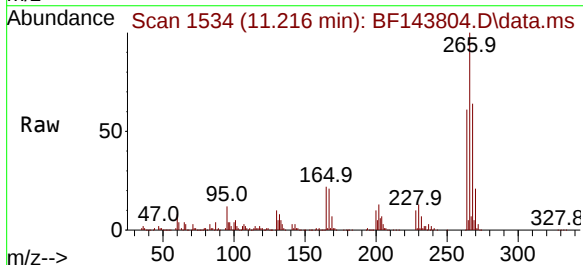
Instrument :
 BNA_F
 ClientSampleId :
 PB169827BS

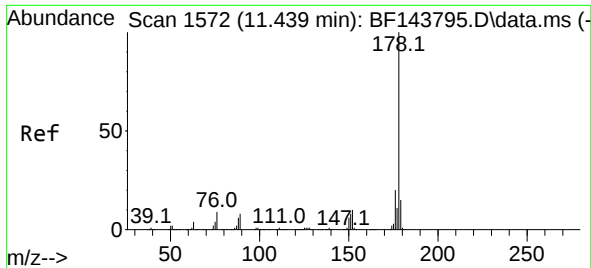
Tgt Ion:200 Resp: 203198
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.2 47.2
 215 47.3 26.0 66.0



#70
 Pentachlorophenol
 Concen: 97.219 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. -0.000 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

Tgt Ion:266 Resp: 517265
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.5 75.7
 264 61.0 48.8 73.2

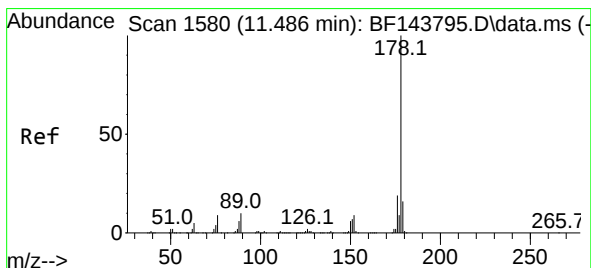
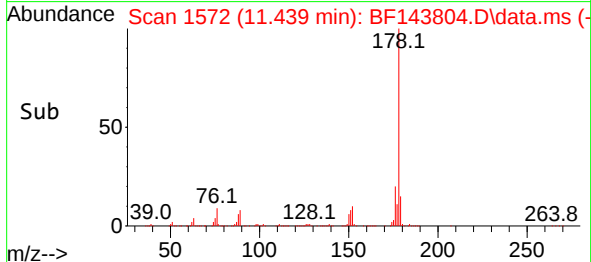
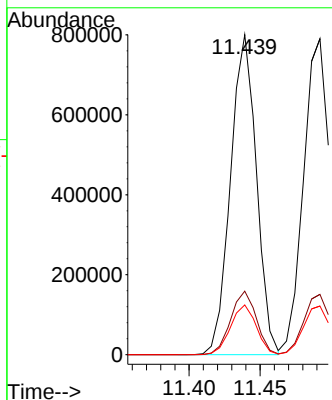
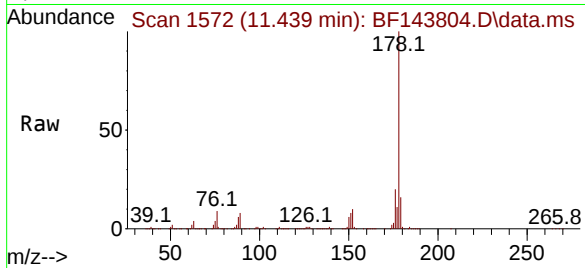




#71
Phenanthrene
Concen: 43.443 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

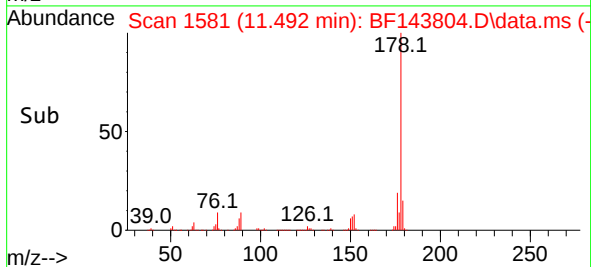
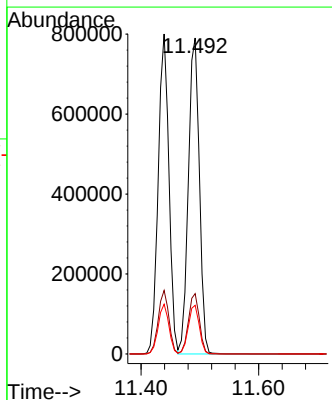
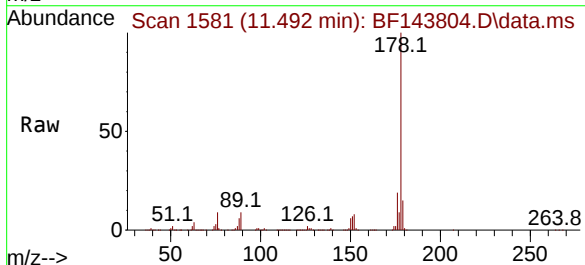
Instrument :
BNA_F
ClientSampleId :
PB169827BS

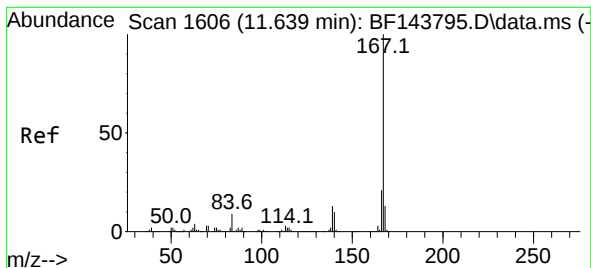
Tgt Ion:178 Resp: 1015112
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.5 12.2 18.4



#72
Anthracene
Concen: 43.931 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:178 Resp: 1029676
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.8 19.2





#73

Carbazole

Concen: 43.666 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

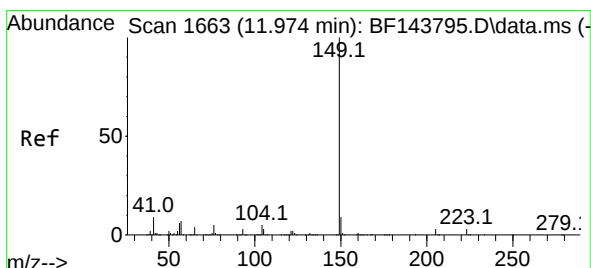
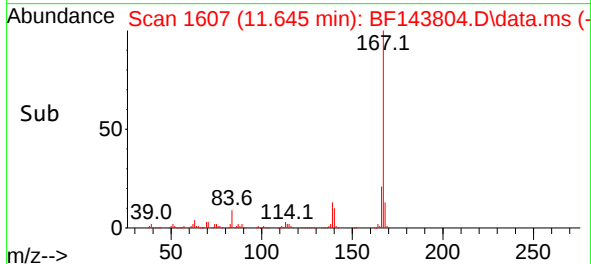
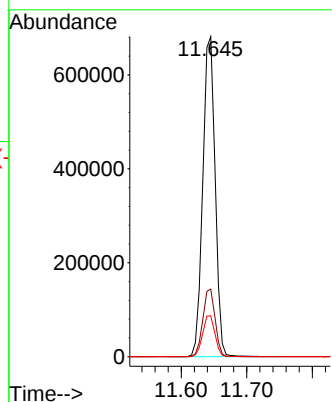
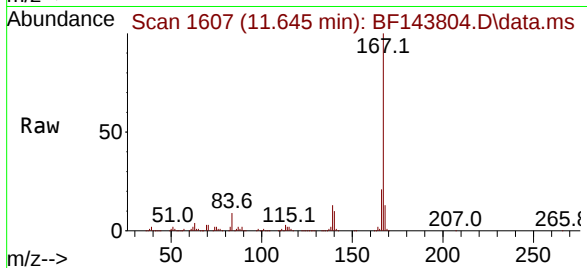
Tgt Ion:167 Resp: 894842

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.909 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

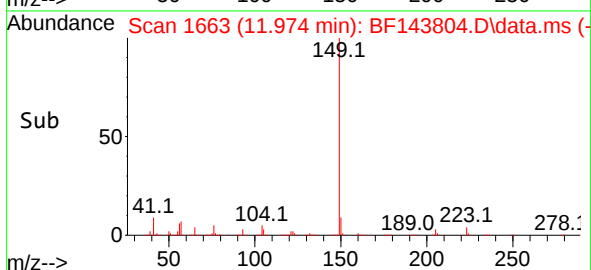
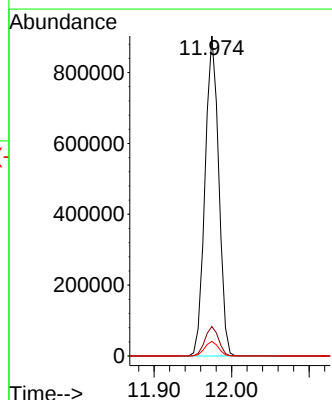
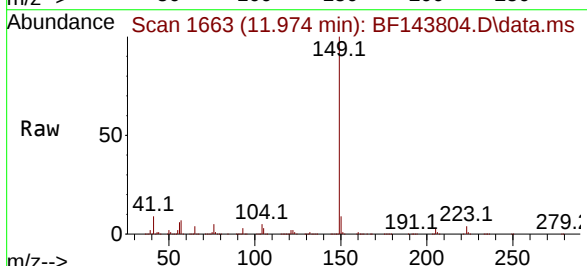
Tgt Ion:149 Resp: 1105559

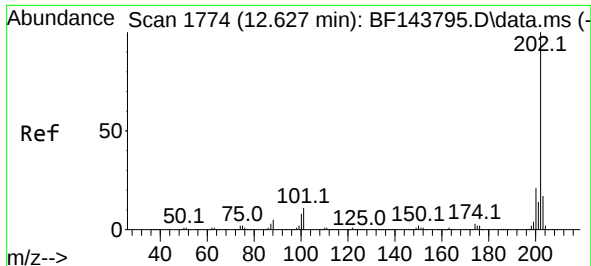
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

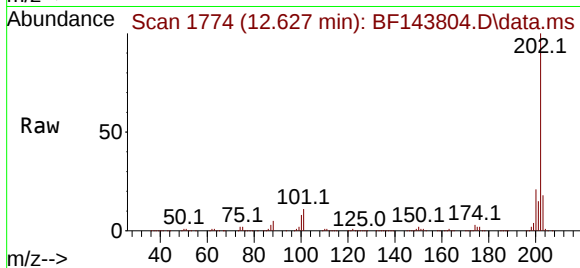
104 4.6 3.6 5.4



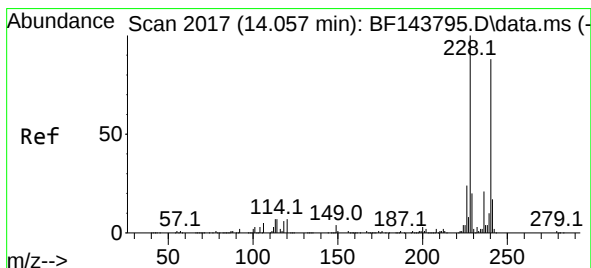
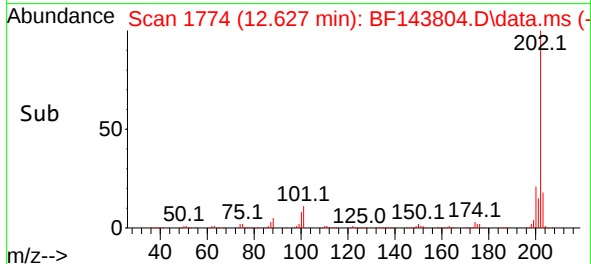
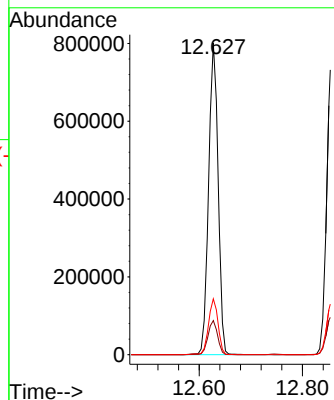


#75
Fluoranthene
Concen: 43.497 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Instrument :
BNA_F
ClientSampleId :
PB169827BS

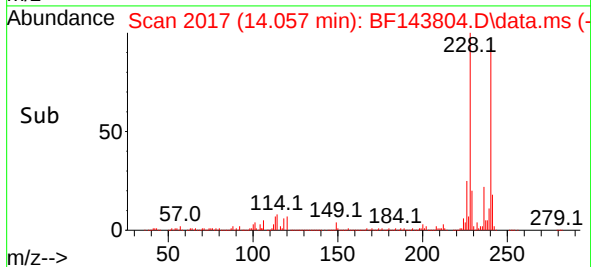
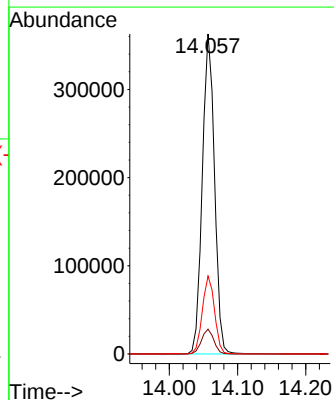
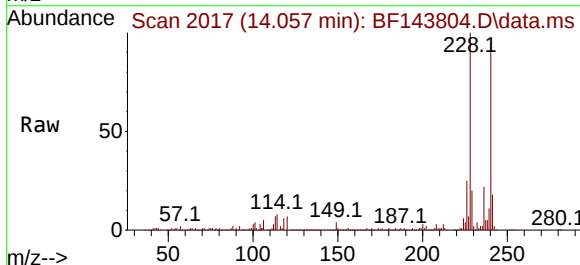


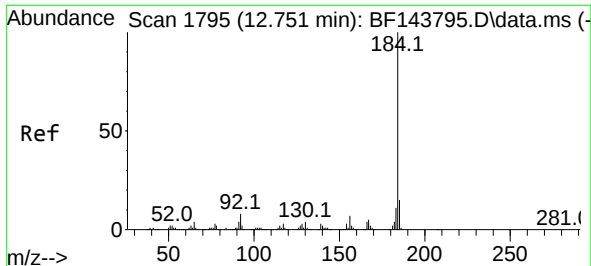
Tgt Ion:202 Resp: 1022236
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.1
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:240 Resp: 452412
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.4 19.4 29.2

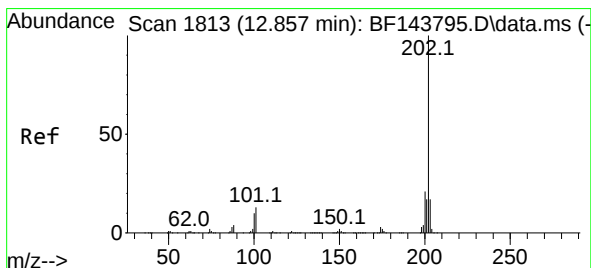
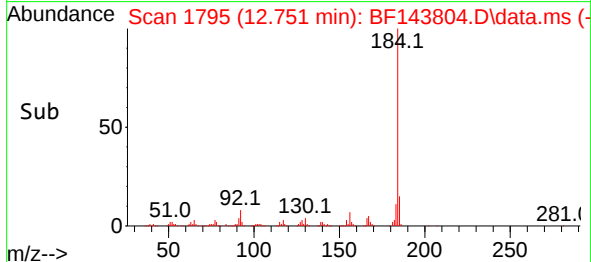
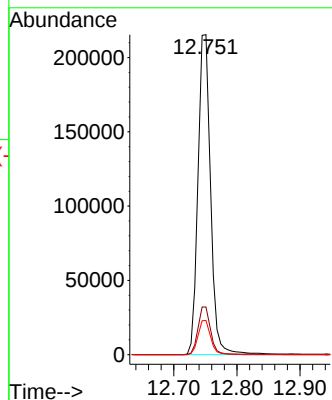
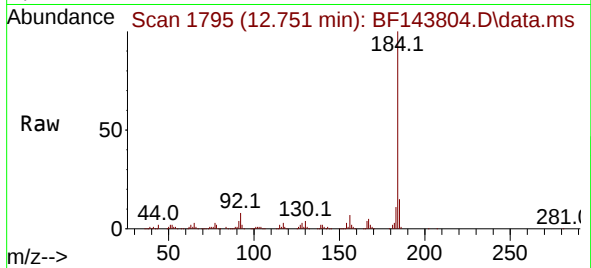




#77
Benzidine
Concen: 27.143 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

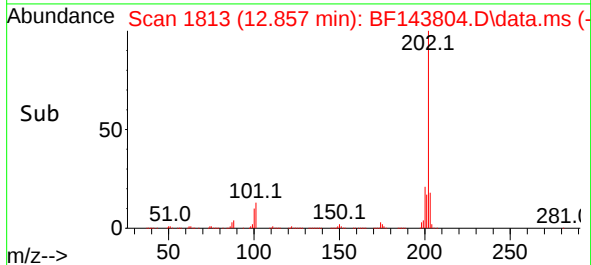
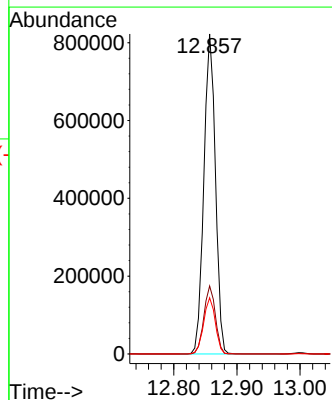
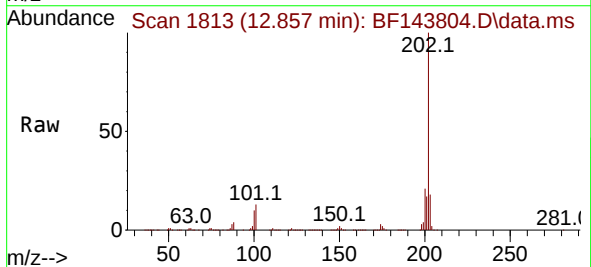
Instrument :
BNA_F
ClientSampleId :
PB169827BS

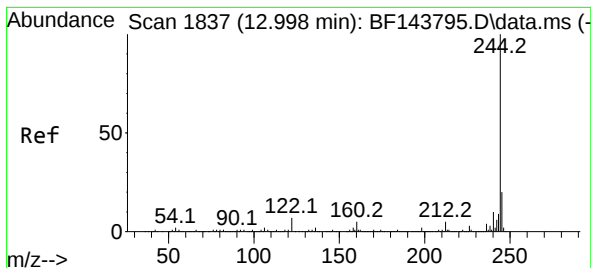
Tgt Ion:184 Resp: 299235
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 10.7 8.6 13.0



#78
Pyrene
Concen: 47.181 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:202 Resp: 1049427
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 92.433 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

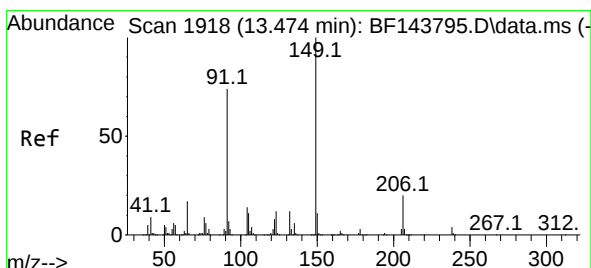
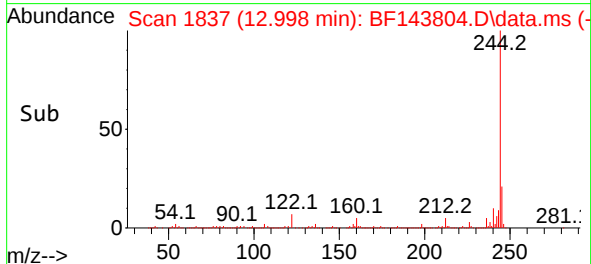
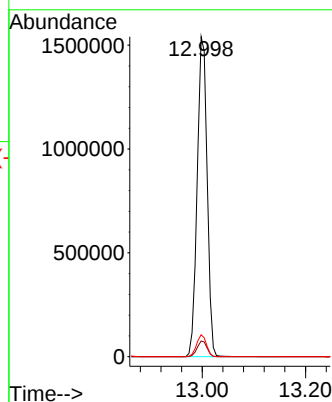
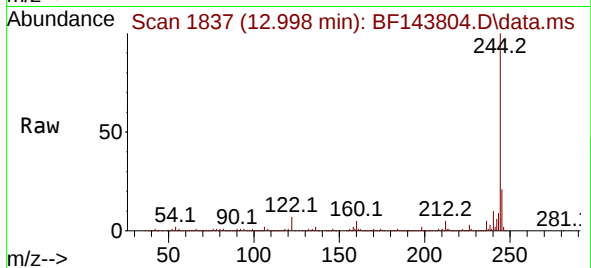
Tgt Ion:244 Resp: 2056205

Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 52.890 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

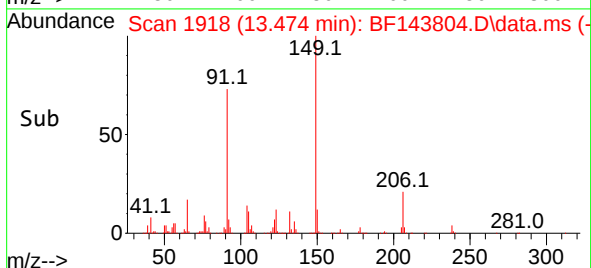
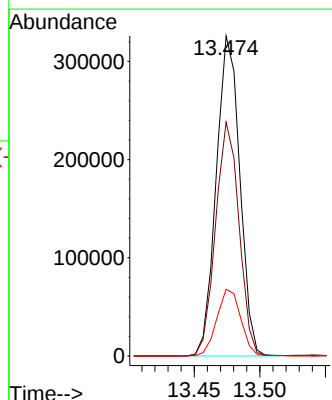
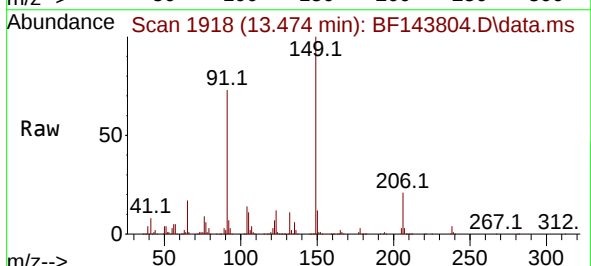
Tgt Ion:149 Resp: 407004

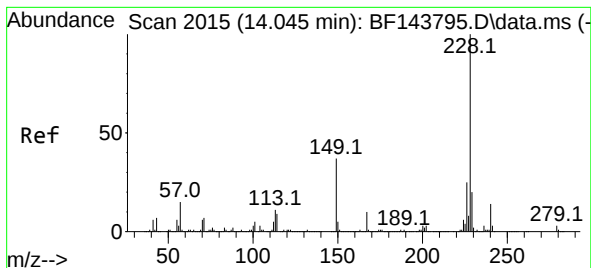
Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.134 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

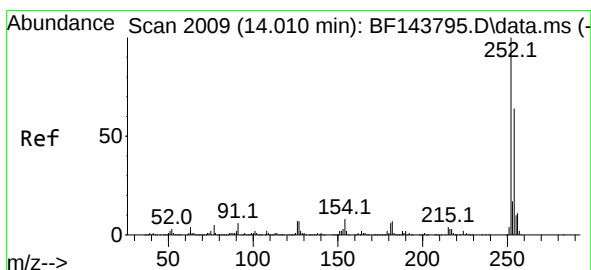
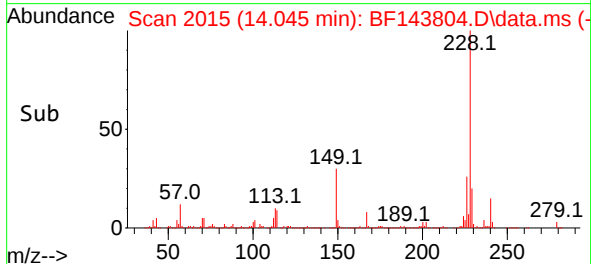
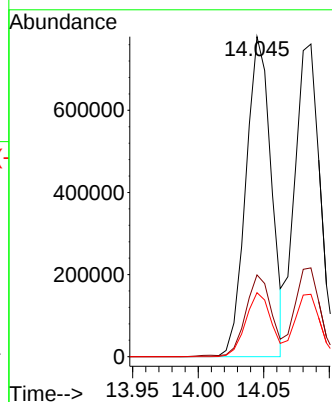
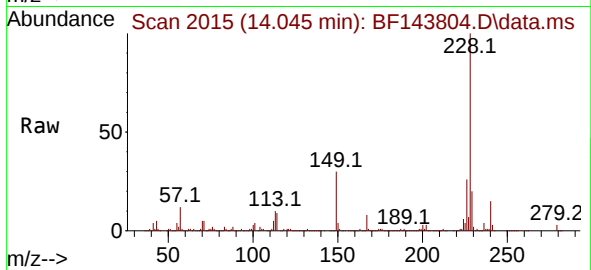
Tgt Ion:228 Resp: 1048353

Ion Ratio Lower Upper

228 100

226 25.5 20.2 30.2

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.360 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

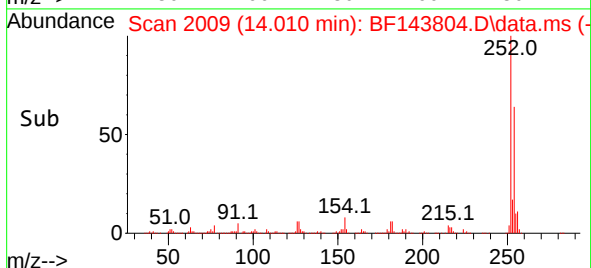
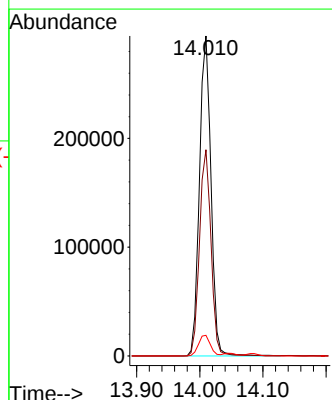
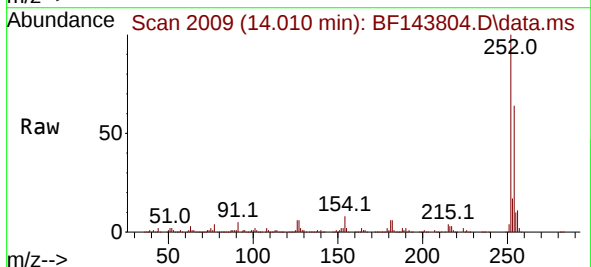
Tgt Ion:252 Resp: 372315

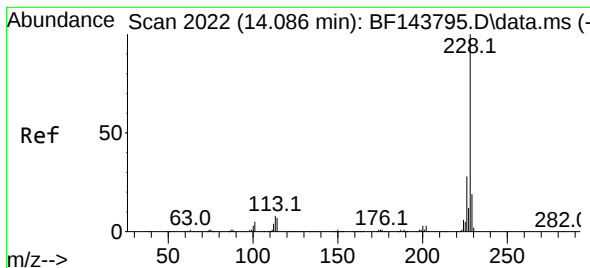
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 6.4 5.4 8.2





#83

Chrysene

Concen: 46.164 ng

RT: 14.086 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

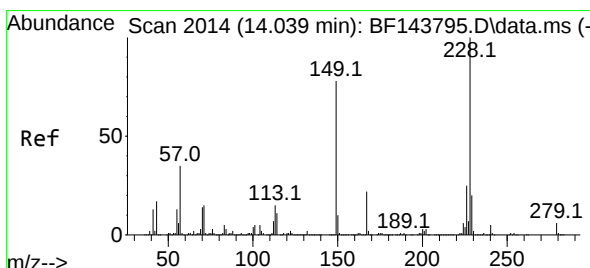
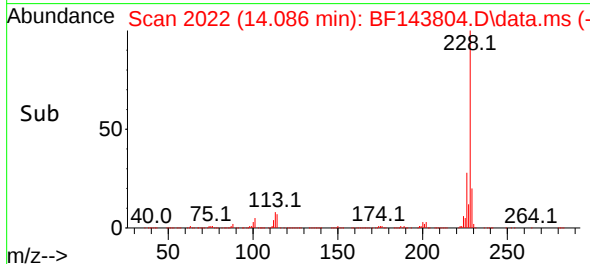
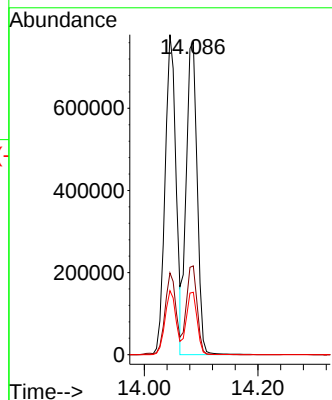
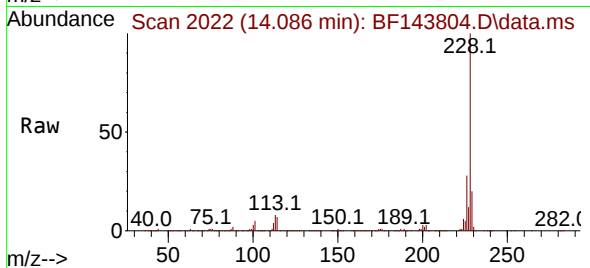
Tgt Ion:228 Resp: 1015236

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.147 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

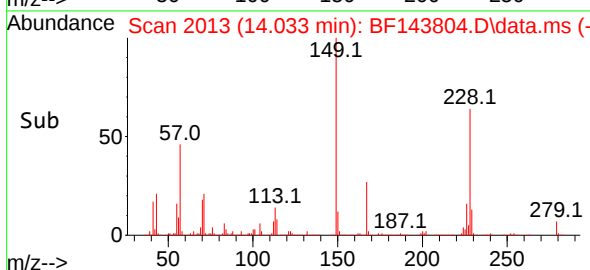
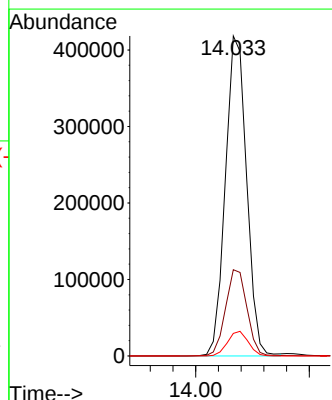
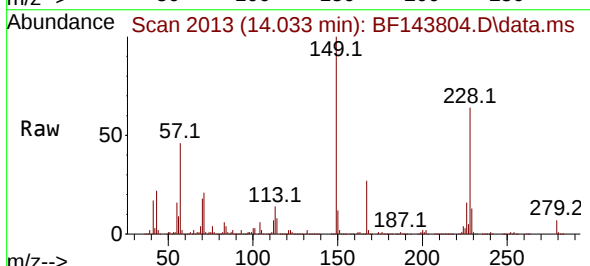
Tgt Ion:149 Resp: 543078

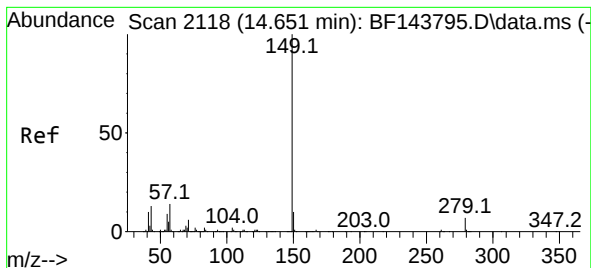
Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

279 7.1 6.0 9.0

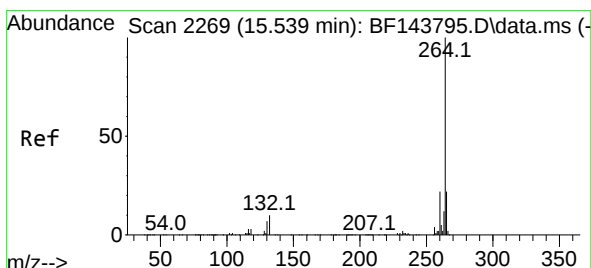
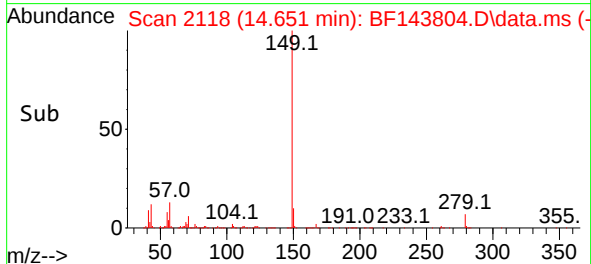
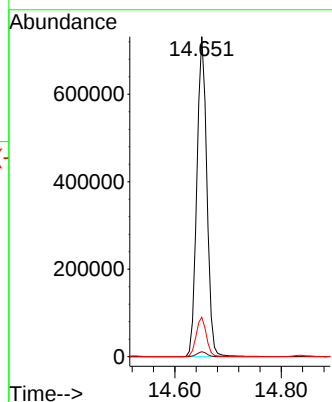
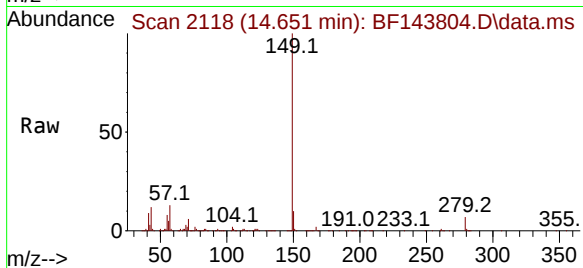




#85
Di-n-octyl phthalate
Concen: 46.790 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

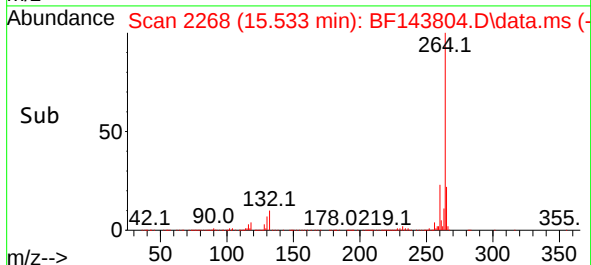
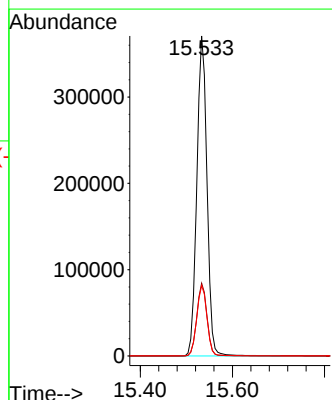
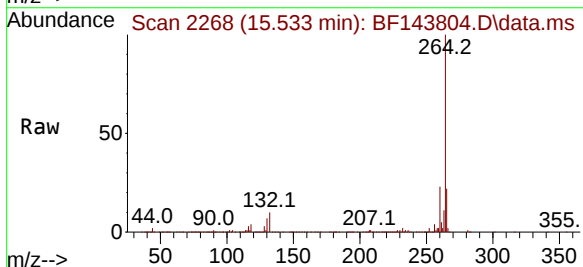
Instrument :
BNA_F
ClientSampleId :
PB169827BS

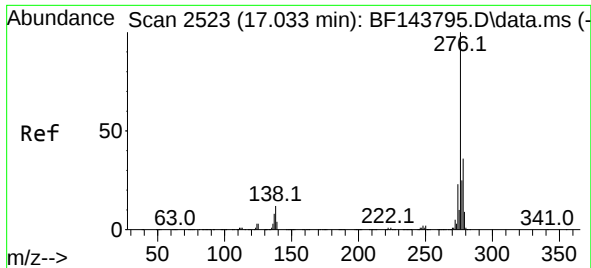
Tgt Ion:149 Resp: 957348
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.5 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143804.D
Acq: 25 Sep 2025 14:16

Tgt Ion:264 Resp: 566269
Ion Ratio Lower Upper
264 100
260 22.7 17.9 26.9
265 22.0 17.7 26.5

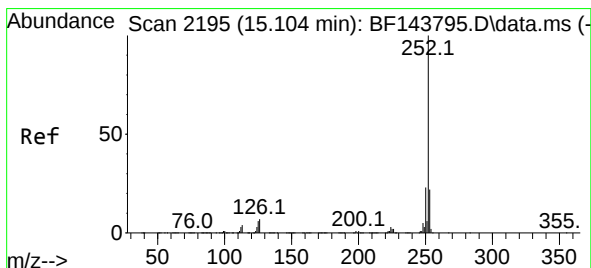
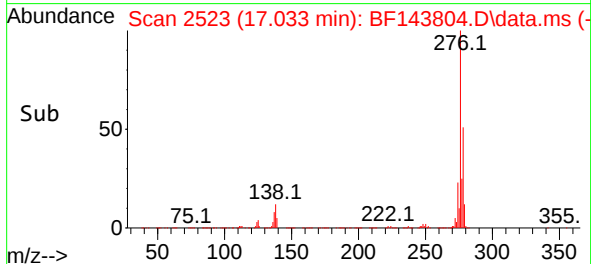
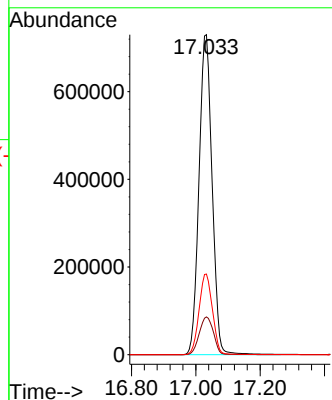
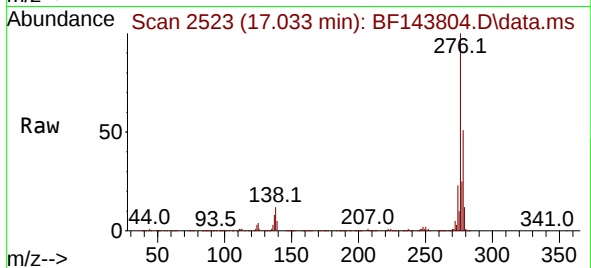




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.915 ng
 RT: 17.033 min Scan# 2195
 Delta R.T. -0.012 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

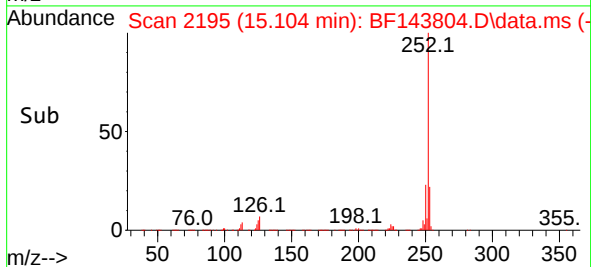
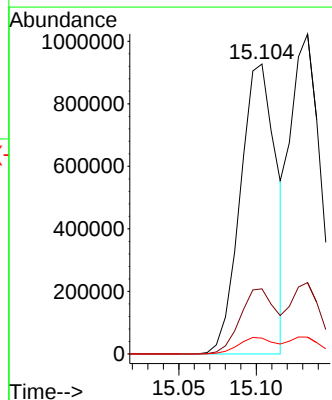
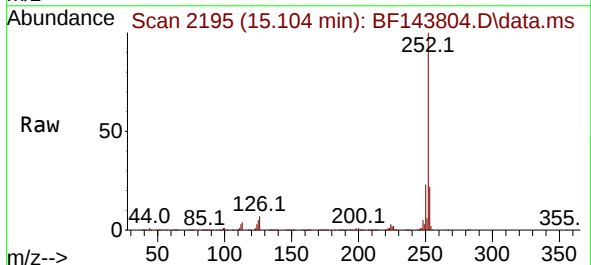
Instrument :
 BNA_F
 ClientSampleId :
 PB169827BS

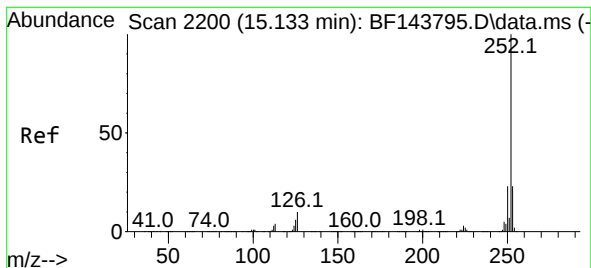
Tgt Ion:276 Resp: 2058670
 Ion Ratio Lower Upper
 276 100
 138 12.8 10.6 15.8
 277 25.8 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 51.580 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

Tgt Ion:252 Resp: 1487418
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.8
 125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 48.218 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

Instrument :

BNA_F

ClientSampleId :

PB169827BS

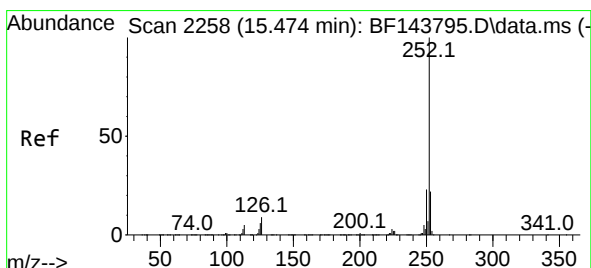
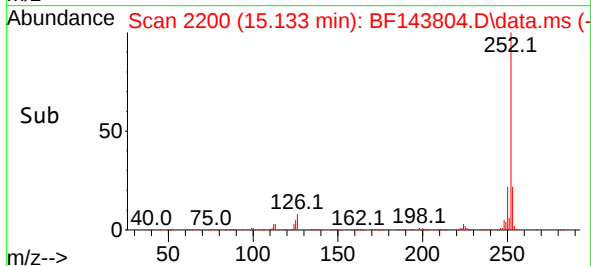
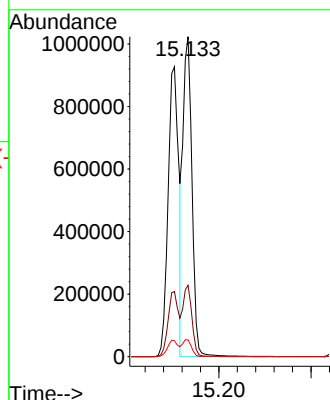
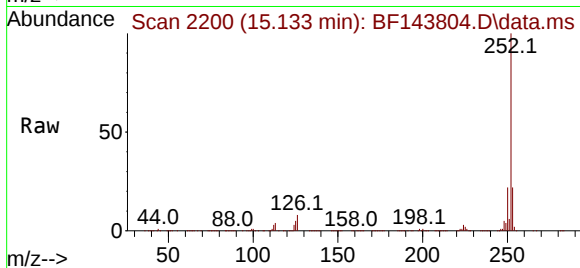
Tgt Ion:252 Resp: 1396964

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 5.3 4.6 6.8



#90

Benzo(a)pyrene

Concen: 51.517 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143804.D

Acq: 25 Sep 2025 14:16

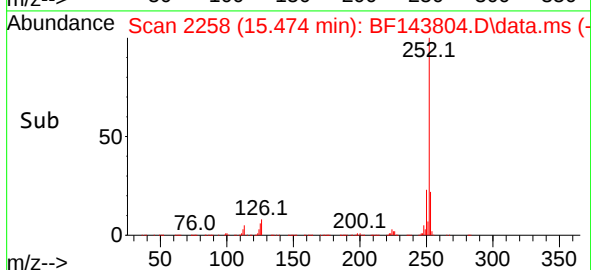
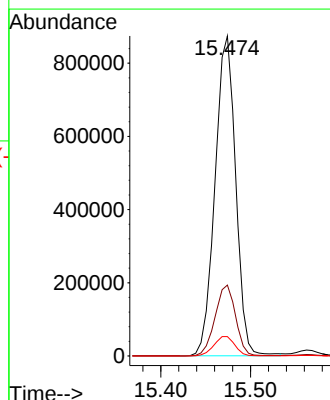
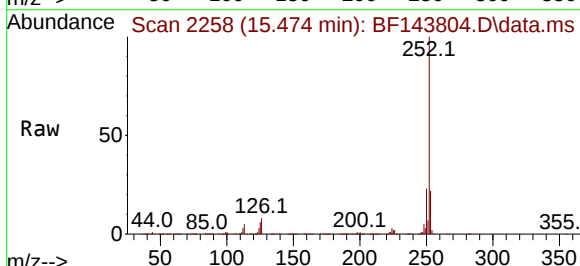
Tgt Ion:252 Resp: 1396443

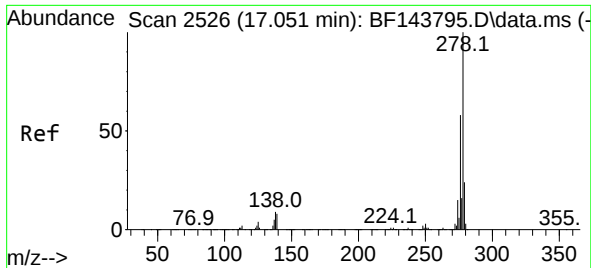
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 6.1 5.0 7.4

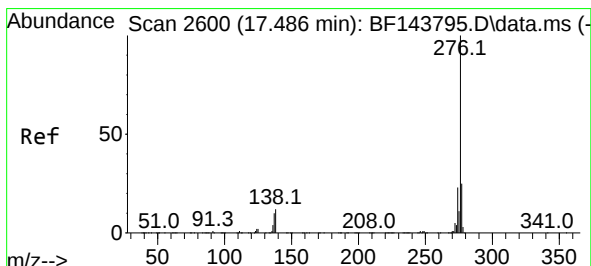
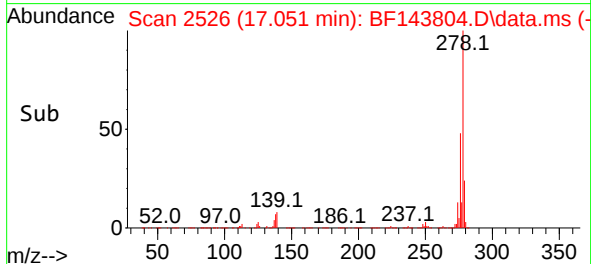
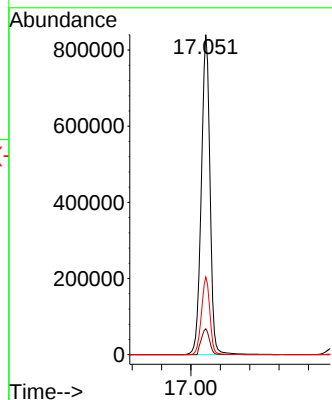
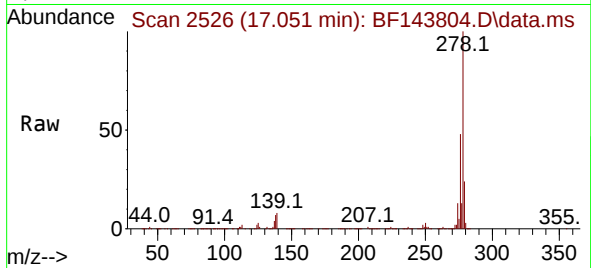




#91
 Dibenzo(a,h)anthracene
 Concen: 49.195 ng
 RT: 17.051 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB169827BS

Tgt Ion:278 Resp: 1728792
 Ion Ratio Lower Upper
 278 100
 139 8.1 6.7 10.1
 279 24.3 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 50.033 ng
 RT: 17.486 min Scan# 2600
 Delta R.T. -0.018 min
 Lab File: BF143804.D
 Acq: 25 Sep 2025 14:16

Tgt Ion:276 Resp: 1694904
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.6 29.4
 138 11.5 9.2 13.8

