

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141711.D
 Acq On : 21 Feb 2025 10:44
 Operator : RC/JU
 Sample : PB166801BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166801BS

Quant Time: Feb 21 11:09:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	98102	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	387645	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	203514	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	329969	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	198795	20.000	ng	-0.02
86) Perylene-d12	15.374	264	177142	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	808912	129.270	ng	0.00
7) Phenol-d6	6.428	99	994338	125.722	ng	-0.01
23) Nitrobenzene-d5	7.351	82	647940	87.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	264836	129.543	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1219558	92.323	ng	-0.01
79) Terphenyl-d14	12.886	244	1218510	103.476	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	104362	41.438	ng	96
3) Pyridine	3.322	79	236765	39.506	ng	94
4) n-Nitrosodimethylamine	3.275	42	153943	38.793	ng	89
6) Aniline	6.445	93	261866	35.297	ng	# 78
8) 2-Chlorophenol	6.569	128	301721	44.623	ng	98
9) Benzaldehyde	6.334	77	131313	31.244	ng	97
10) Phenol	6.439	94	344749	41.880	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	278677	45.072	ng	99
12) 1,3-Dichlorobenzene	6.722	146	308076	43.158	ng	98
13) 1,4-Dichlorobenzene	6.798	146	318560	43.679	ng	98
14) 1,2-Dichlorobenzene	6.951	146	303996	44.910	ng	98
15) Benzyl Alcohol	6.928	79	250709	41.337	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	427192	40.362	ng	76
17) 2-Methylphenol	7.045	107	228489	43.182	ng	97
18) Hexachloroethane	7.286	117	117146	43.401	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	203741	43.066	ng	95
20) 3+4-Methylphenols	7.198	107	295440	43.935	ng	99
22) Acetophenone	7.192	105	447336	46.390	ng	94
24) Nitrobenzene	7.369	77	300190	41.421	ng	97
25) Isophorone	7.604	82	541847	45.724	ng	99
26) 2-Nitrophenol	7.681	139	157786	43.761	ng	94
27) 2,4-Dimethylphenol	7.722	122	237360	56.351	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	337204	44.407	ng	100
29) 2,4-Dichlorophenol	7.928	162	248502	43.664	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	267225	43.118	ng	99
31) Naphthalene	8.086	128	843667	41.810	ng	100
32) Benzoic acid	7.869	122	175284m	40.063	ng	
33) 4-Chloroaniline	8.145	127	73680	10.458	ng	97
34) Hexachlorobutadiene	8.198	225	163218	43.868	ng	100
35) Caprolactam	8.510	113	83405m	48.133	ng	
36) 4-Chloro-3-methylphenol	8.633	107	267998	42.511	ng	100
37) 2-Methylnaphthalene	8.775	142	538527	41.013	ng	98
38) 1-Methylnaphthalene	8.875	142	517759	40.712	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	295896	50.255	ng	99
41) Hexachlorocyclopentadiene	8.927	237	270160	137.952	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	166988	43.881	ng	99

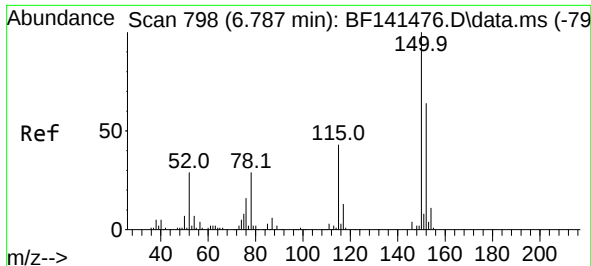
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 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	182285	44.199	ng	99
46) 1,1'-Biphenyl	9.239	154	774093	49.061	ng	100
47) 2-Chloronaphthalene	9.263	162	526602	45.134	ng	99
48) 2-Nitroaniline	9.363	65	167967	42.897	ng	98
49) Acenaphthylene	9.675	152	792876	45.688	ng	99
50) Dimethylphthalate	9.539	163	628655	45.502	ng	99
51) 2,6-Dinitrotoluene	9.610	165	138349	45.807	ng	93
52) Acenaphthene	9.851	154	502253	43.050	ng	100
53) 3-Nitroaniline	9.774	138	81361	25.029	ng	100
54) 2,4-Dinitrophenol	9.892	184	144720	80.622	ng	92
55) Dibenzofuran	10.022	168	722362	42.182	ng	99
56) 4-Nitrophenol	9.957	139	185505	76.873	ng	95
57) 2,4-Dinitrotoluene	10.016	165	179382	44.614	ng	96
58) Fluorene	10.363	166	577290	43.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	157454	44.345	ng	94
60) Diethylphthalate	10.239	149	595032	43.774	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	281511	44.193	ng	97
62) 4-Nitroaniline	10.392	138	132291	40.078	ng	98
63) Azobenzene	10.516	77	563434	41.694	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	96863	42.259	ng	95
66) n-Nitrosodiphenylamine	10.474	169	504324	47.746	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	174022	47.188	ng	99
68) Hexachlorobenzene	10.910	284	180245	47.464	ng	99
69) Atrazine	11.004	200	190383	60.080	ng	98
70) Pentachlorophenol	11.110	266	172644	71.100	ng	99
71) Phenanthrene	11.327	178	824515	45.394	ng	100
72) Anthracene	11.374	178	845901	46.329	ng	100
73) Carbazole	11.533	167	715258	43.537	ng	100
74) Di-n-butylphthalate	11.863	149	850392	44.829	ng	100
75) Fluoranthene	12.510	202	799163	41.501	ng	100
77) Benzidine	12.639	184	168147	38.352	ng	99
78) Pyrene	12.739	202	809146	47.814	ng	100
80) Butylbenzylphthalate	13.357	149	286862	48.939	ng	99
81) Benzo(a)anthracene	13.927	228	600939	45.475	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	136201	35.981	ng	99
83) Chrysene	13.962	228	564019	46.225	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	353572	53.483	ng	100
85) Di-n-octyl phthalate	14.521	149	525103	55.678	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	569812	52.059	ng	99
88) Benzo(b)fluoranthene	14.962	252	497589	41.834	ng	99
89) Benzo(k)fluoranthene	14.992	252	492205	48.462	ng	99
90) Benzo(a)pyrene	15.315	252	475818	49.439	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	453192	51.099	ng	99
92) Benzo(g,h,i)perylene	17.239	276	444108	47.851	ng	100

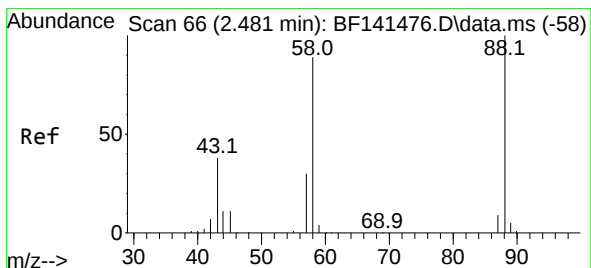
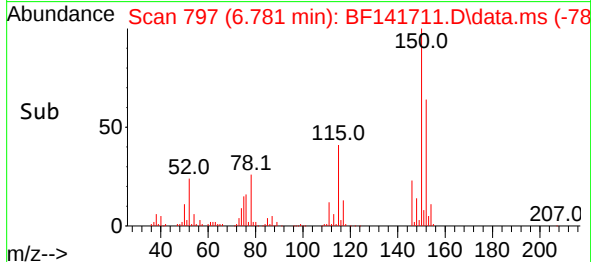
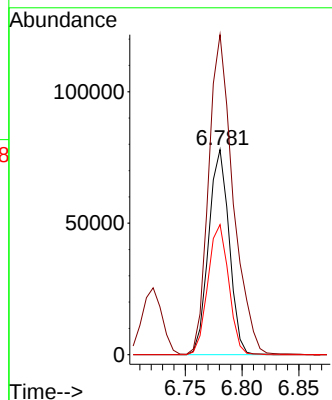
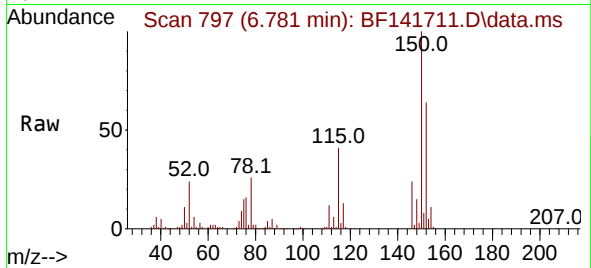
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141711.D
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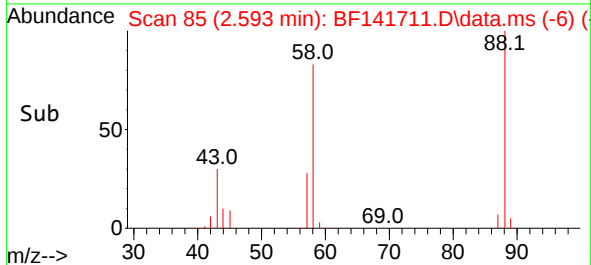
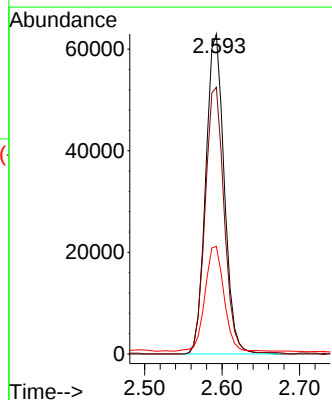
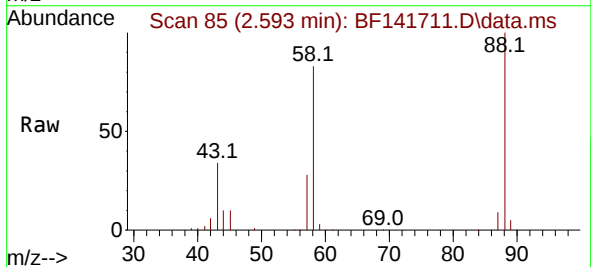
Instrument :
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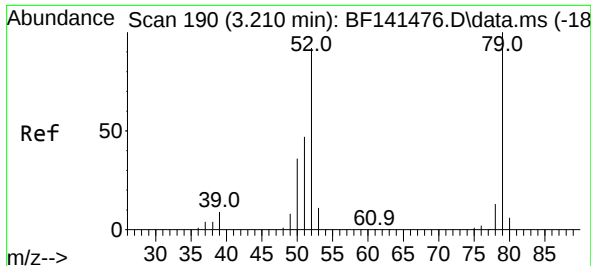
Tgt Ion:152 Resp: 98102
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 63.4 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.438 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141711.D
 Acq: 21 Feb 2025 10:44

Tgt Ion: 88 Resp: 104362
 Ion Ratio Lower Upper
 88 100
 58 85.6 71.1 106.7
 43 34.5 30.6 46.0

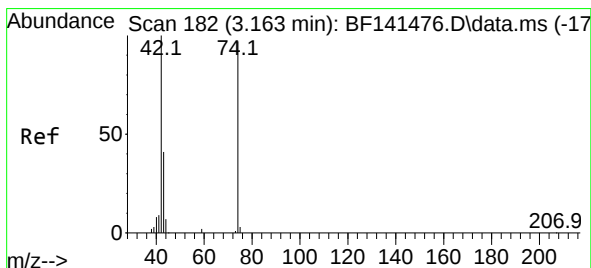
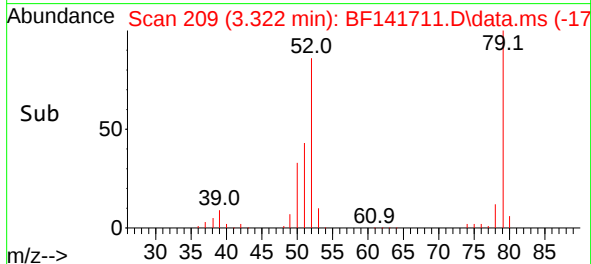
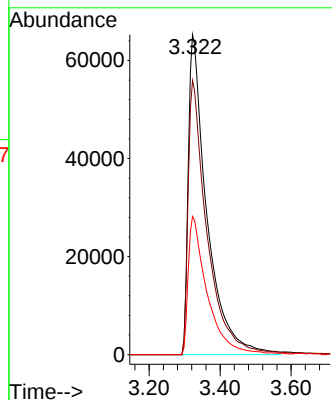
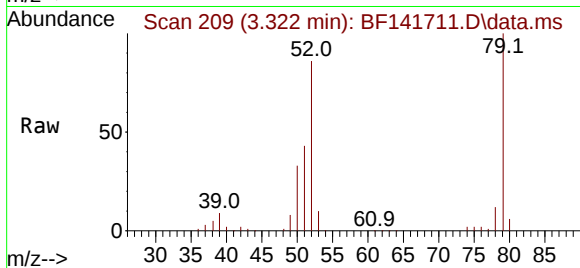




#3
Pyridine
Concen: 39.506 ng
RT: 3.322 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

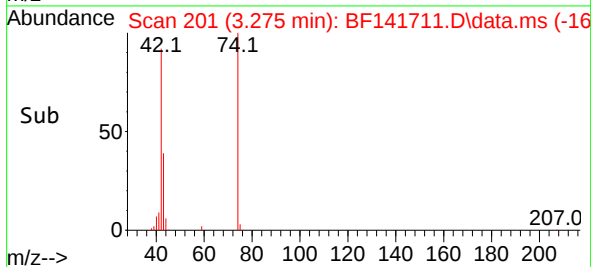
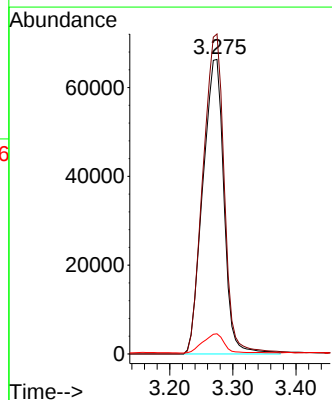
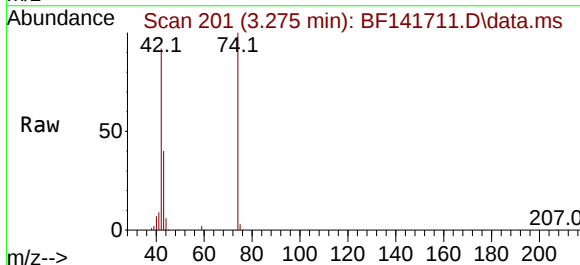
Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion: 79 Resp: 236765
Ion Ratio Lower Upper
79 100
52 85.7 73.7 110.5
51 43.2 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 38.793 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.088 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 42 Resp: 153943
Ion Ratio Lower Upper
42 100
74 108.6 78.0 117.0
44 6.9 5.4 8.2

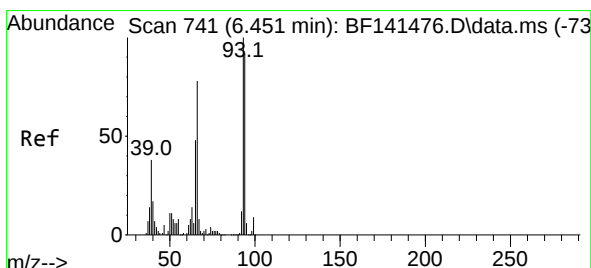
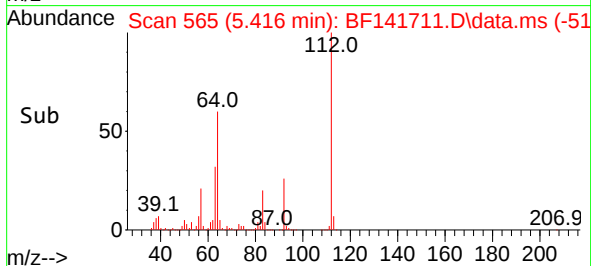
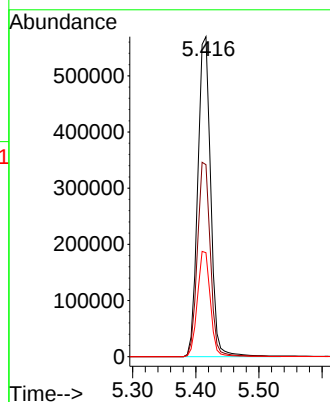
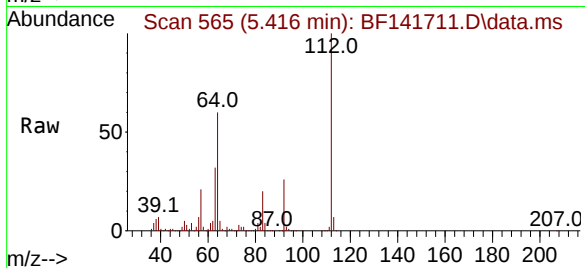




#5
2-Fluorophenol
Concen: 129.270 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

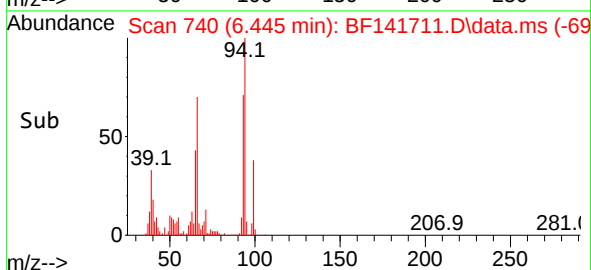
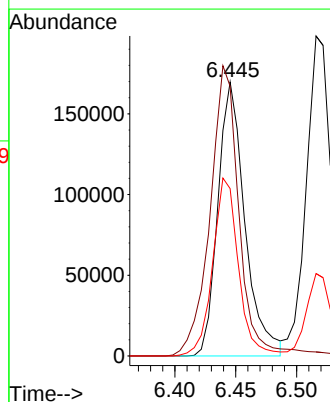
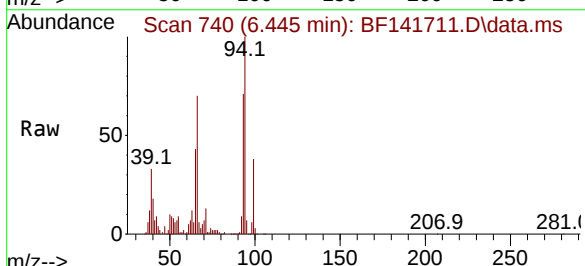
Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion:112 Resp: 808912
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 32.5 28.4 42.6



#6
Aniline
Concen: 35.297 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 93 Resp: 261866
Ion Ratio Lower Upper
93 100
66 98.3 62.6 94.0#
65 61.0 38.3 57.5#





#7
Phenol-d6
Concen: 125.722 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

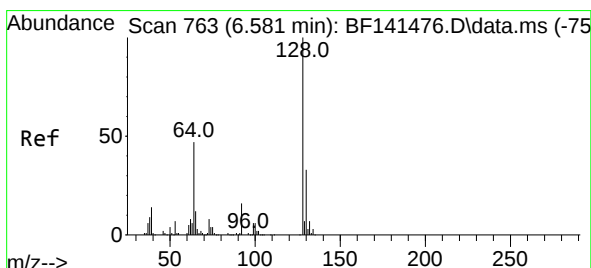
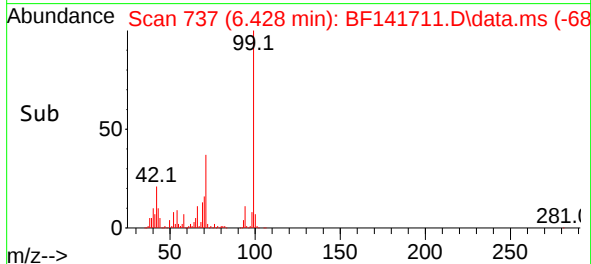
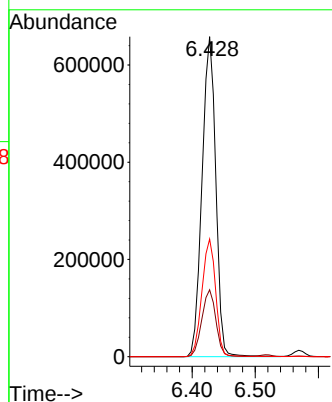
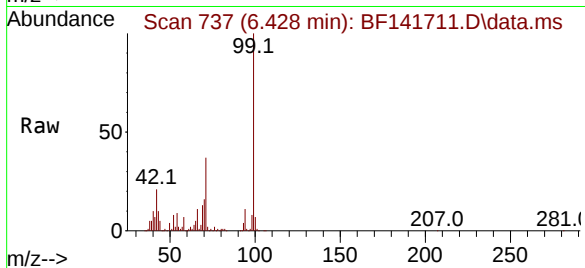
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ClientSampleId :

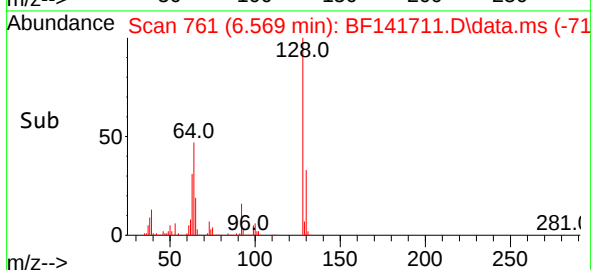
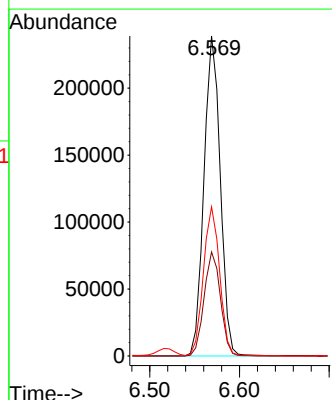
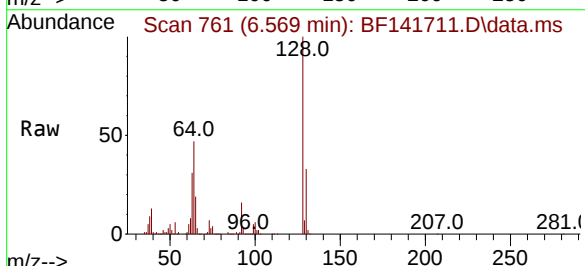
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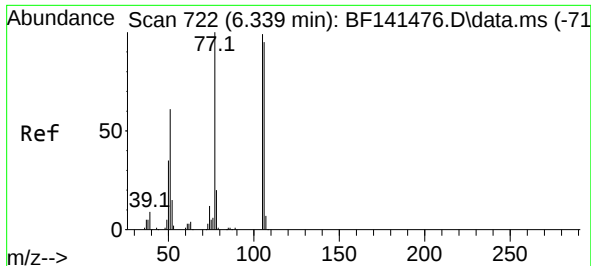
Tgt Ion: 99 Resp: 994338
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 44.623 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 128 Resp: 301721
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 46.6 28.3 68.3

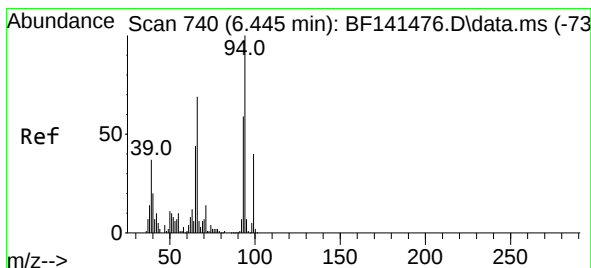
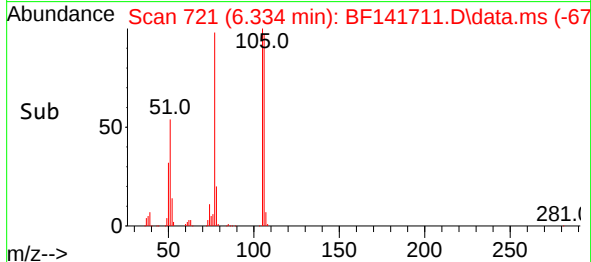
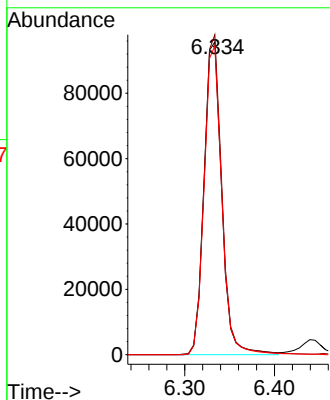
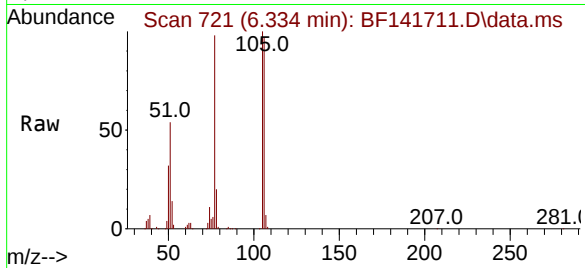




#9
Benzaldehyde
Concen: 31.244 ng
RT: 6.334 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

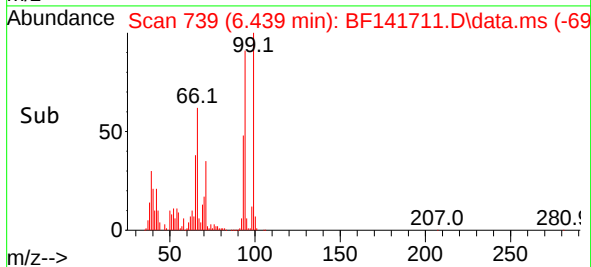
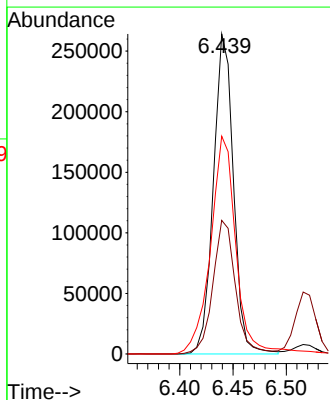
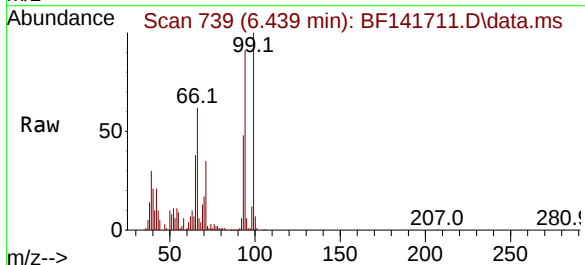
Instrument :
BNA_F
ClientSampleId :
PB166801BS

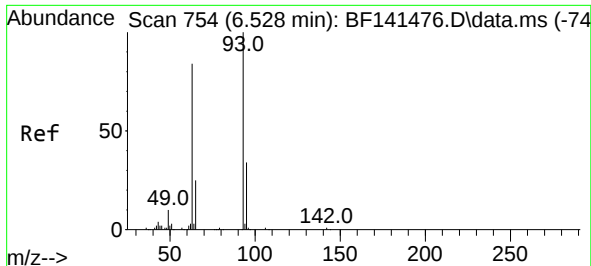
Tgt Ion: 77 Resp: 131313
Ion Ratio Lower Upper
77 100
105 102.3 79.4 119.4
106 98.7 75.1 115.1



#10
Phenol
Concen: 41.880 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 94 Resp: 344749
Ion Ratio Lower Upper
94 100
65 41.7 23.7 63.7
66 68.1 49.3 89.3

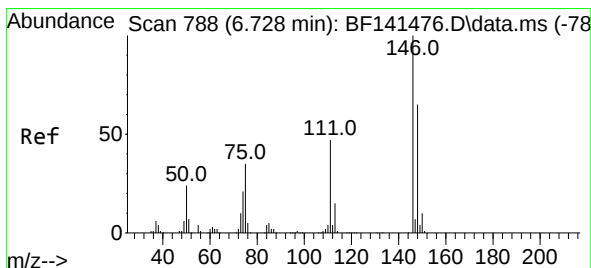
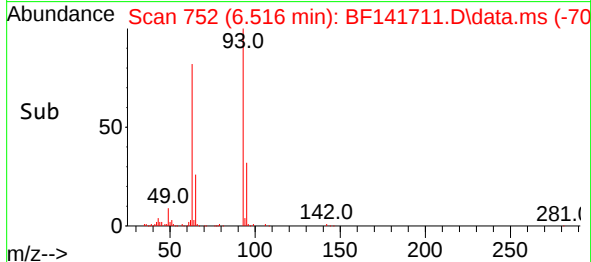
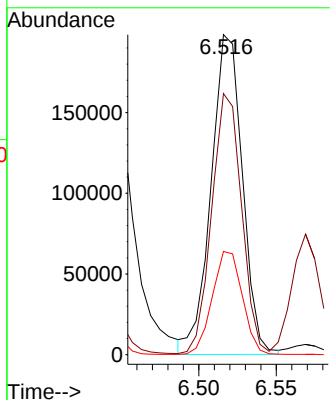
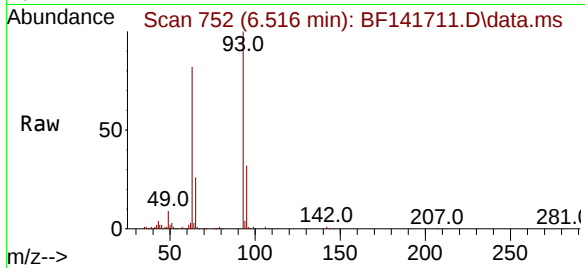




#11
bis(2-Chloroethyl)ether
Concen: 45.072 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

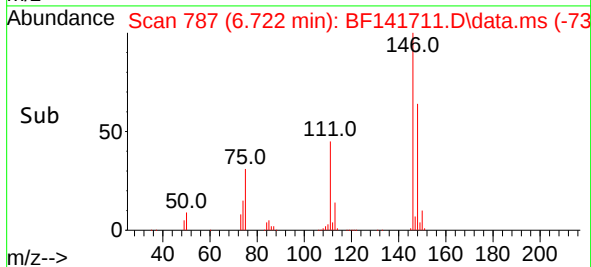
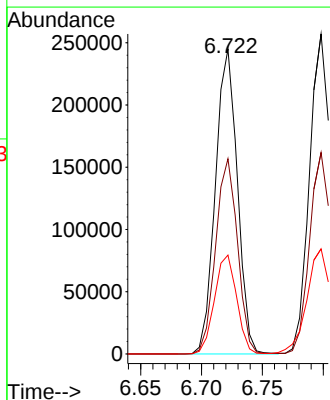
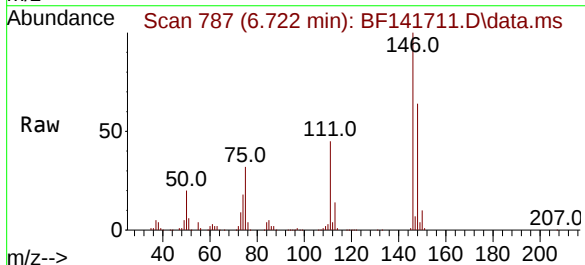
Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion: 93 Resp: 278677
Ion Ratio Lower Upper
93 100
63 81.6 62.0 102.0
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.158 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:146 Resp: 308076
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 32.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.679 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

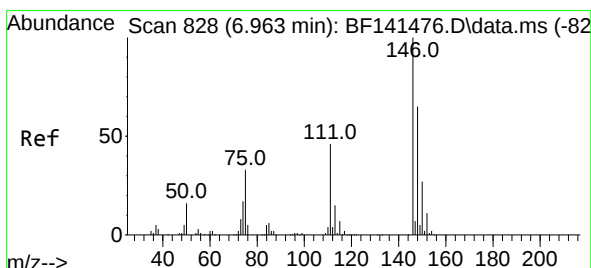
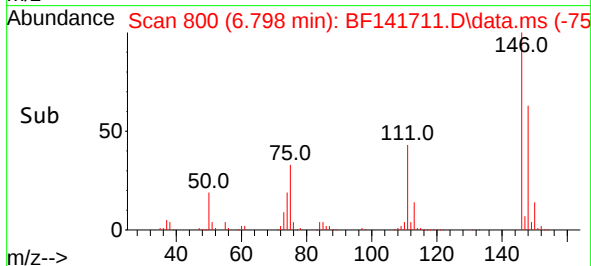
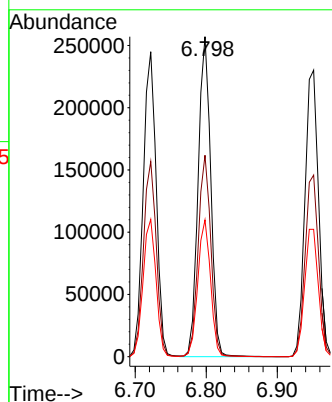
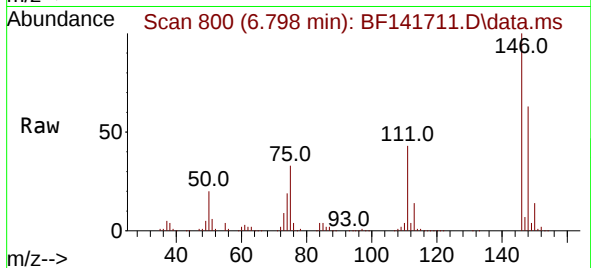
Tgt Ion:146 Resp: 318560

Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

111 42.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.910 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

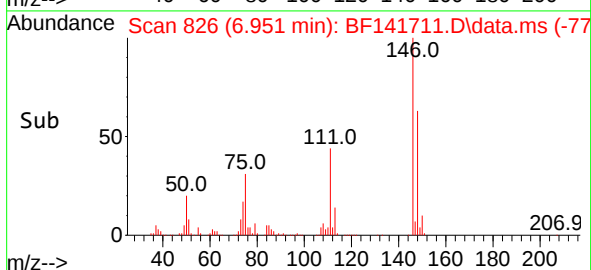
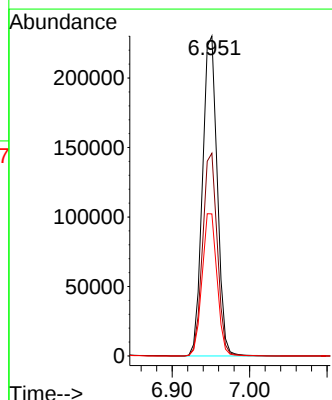
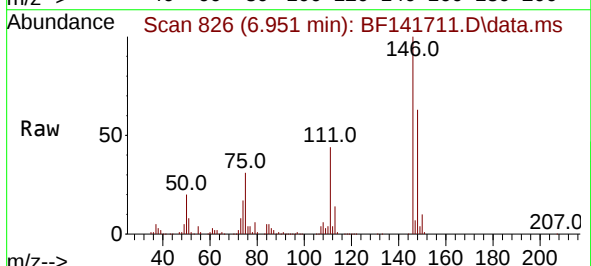
Tgt Ion:146 Resp: 303996

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 44.4 37.0 55.4

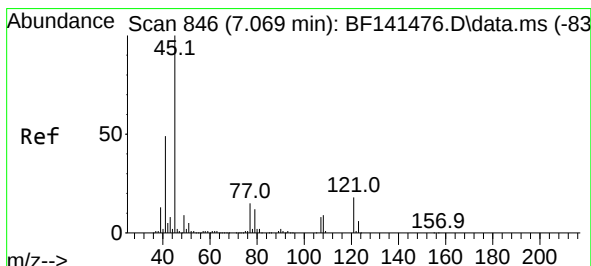
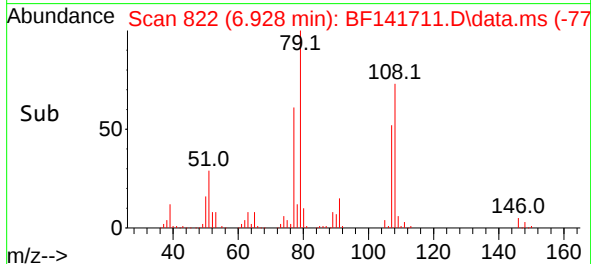
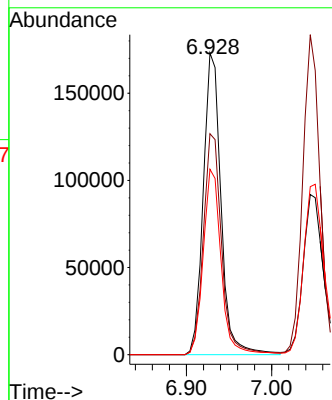
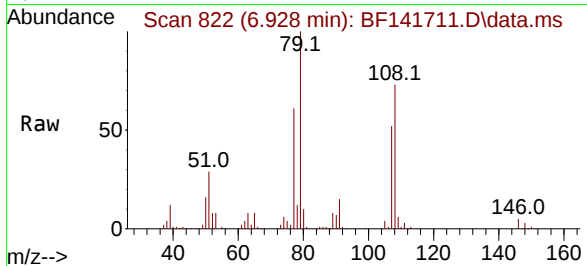




#15
Benzyl Alcohol
Concen: 41.337 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

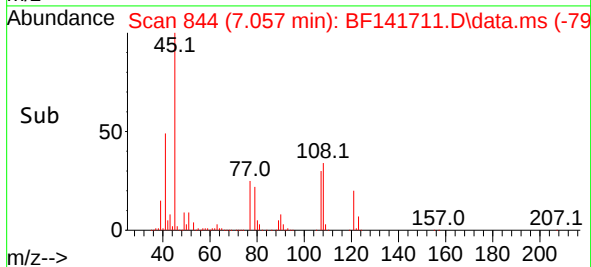
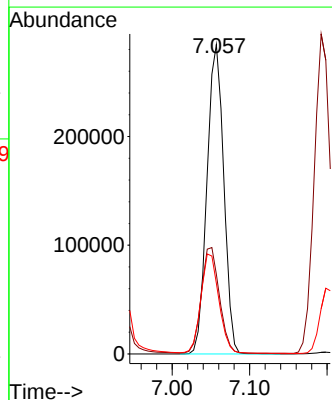
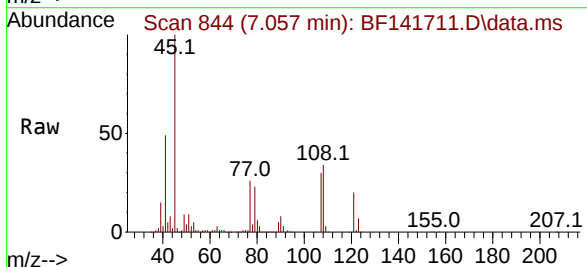
Instrument :
BNA_F
ClientSampleId :
PB166801BS

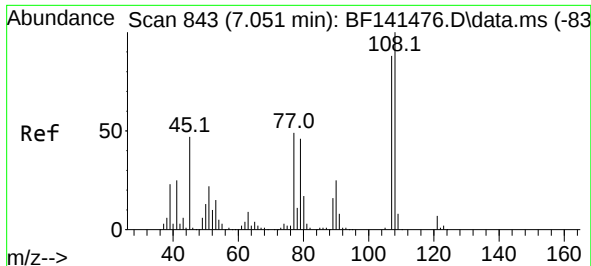
Tgt Ion: 79 Resp: 250709
Ion Ratio Lower Upper
79 100
108 73.2 57.4 86.2
77 61.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.362 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

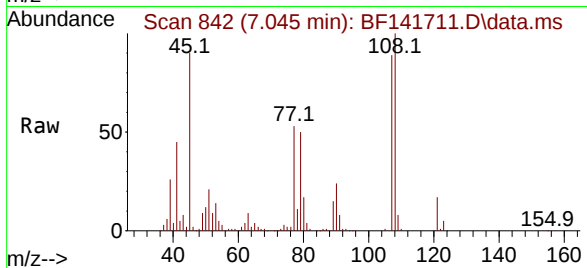
Tgt Ion: 45 Resp: 427192
Ion Ratio Lower Upper
45 100
77 25.8 0.0 35.8
79 22.8 0.0 32.7





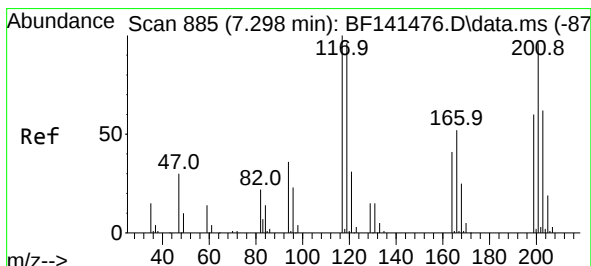
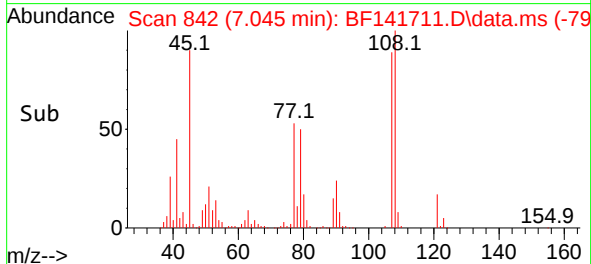
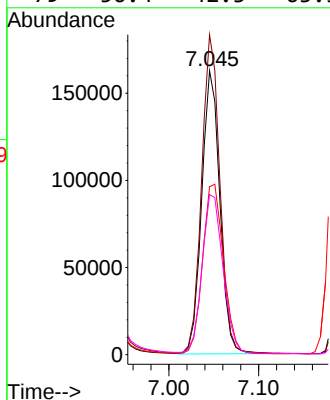
#17
2-Methylphenol
Concen: 43.182 ng
RT: 7.045 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB166801BS



Tgt Ion:107 Resp: 228489

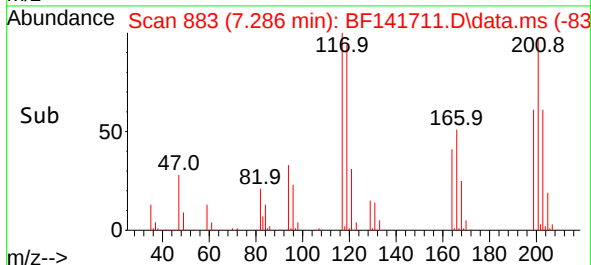
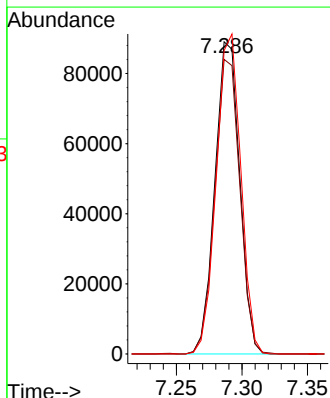
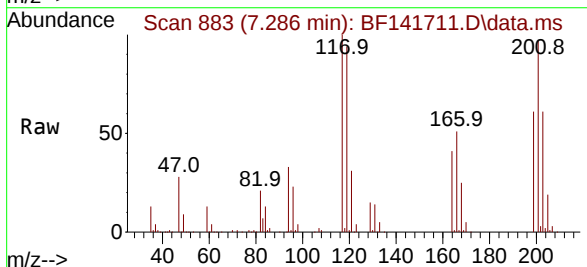
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	59.2	44.4	66.6
79	56.4	42.3	63.5



#18
Hexachloroethane
Concen: 43.401 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:117 Resp: 117146

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
201	97.2	76.7	115.1



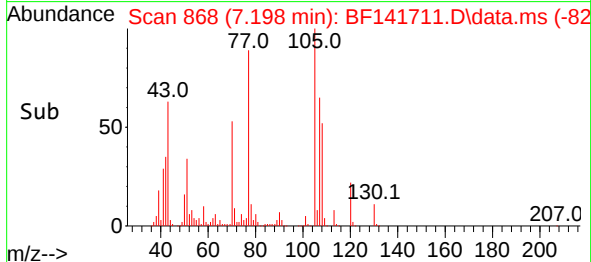
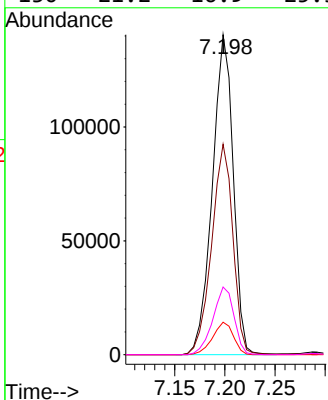
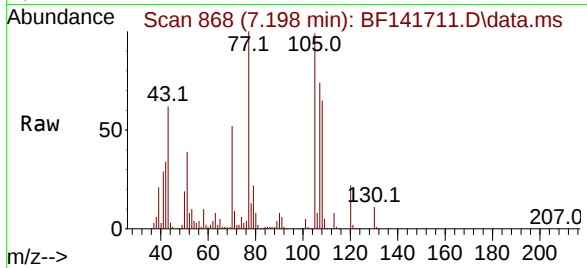


#19
n-Nitroso-di-n-propylamine
Concen: 43.066 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion: 70 Resp: 203741

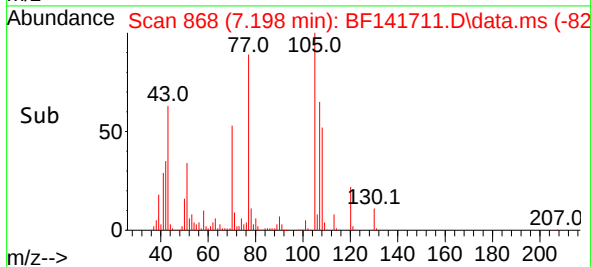
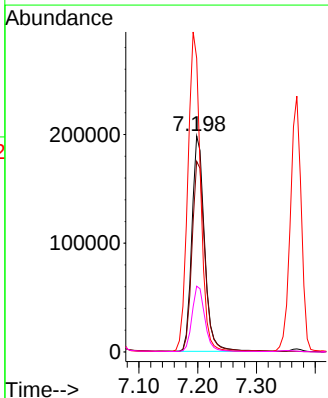
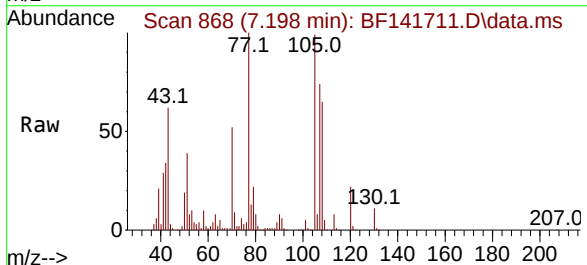
Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.4	86.2
101	10.2	8.0	12.0
130	21.2	16.9	25.3

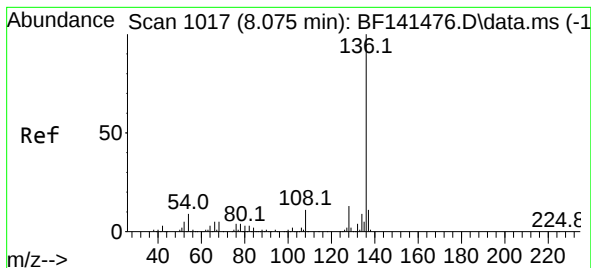


#20
3+4-Methylphenols
Concen: 43.935 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 107 Resp: 295440

Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.5	108.5
77	136.0	116.5	156.5
79	30.5	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

Tgt Ion:136 Resp: 387645

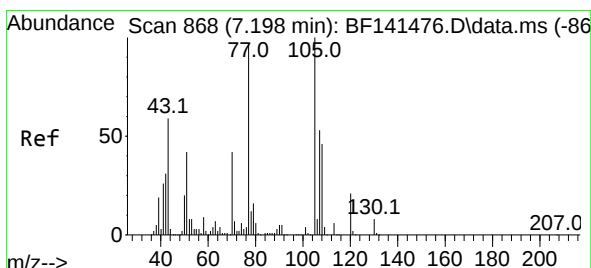
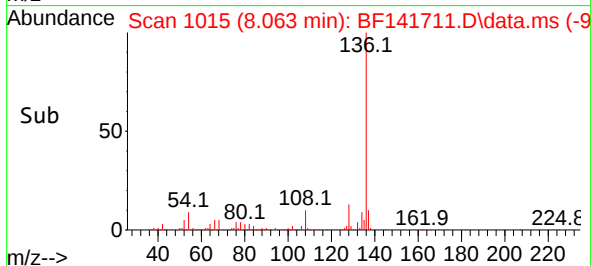
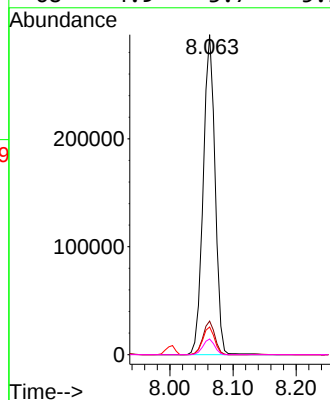
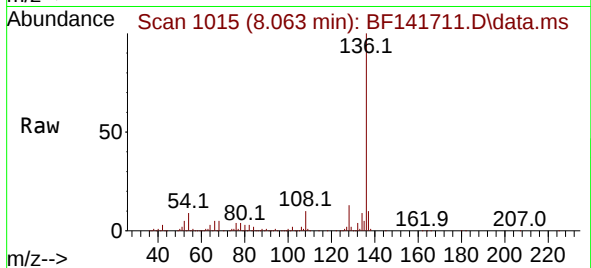
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.7 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 46.390 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Tgt Ion:105 Resp: 447336

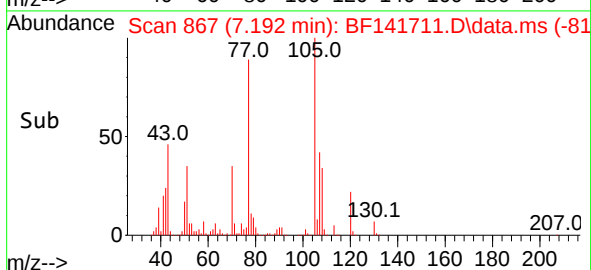
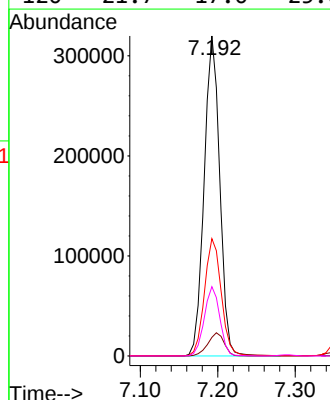
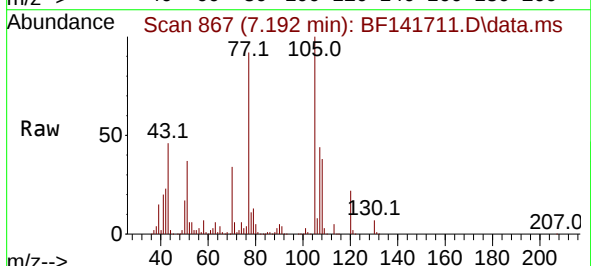
Ion Ratio Lower Upper

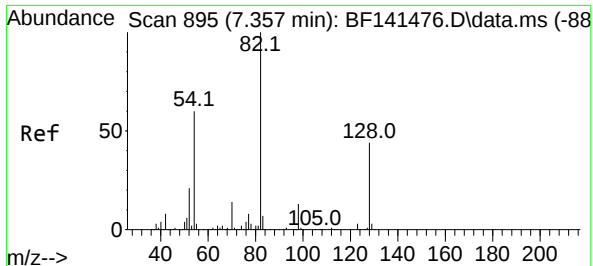
105 100

71 5.8 5.7 8.5

51 36.7 33.7 50.5

120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.181 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

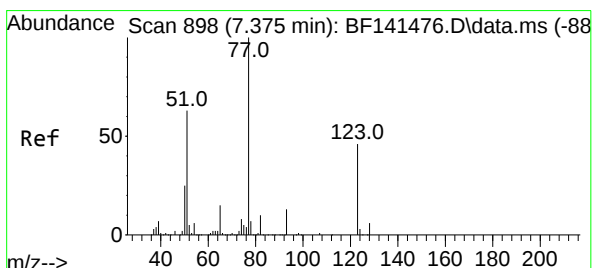
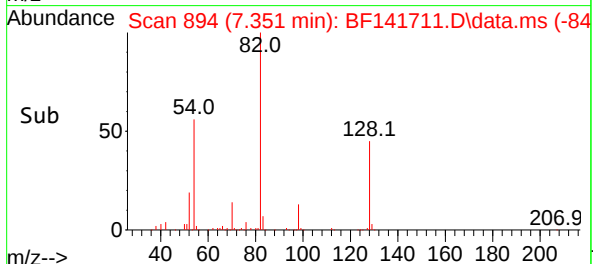
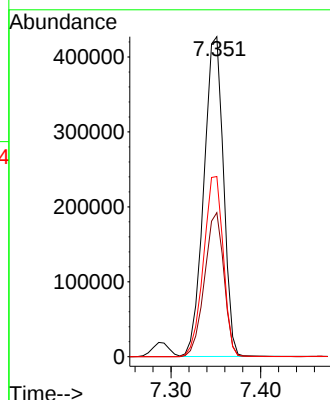
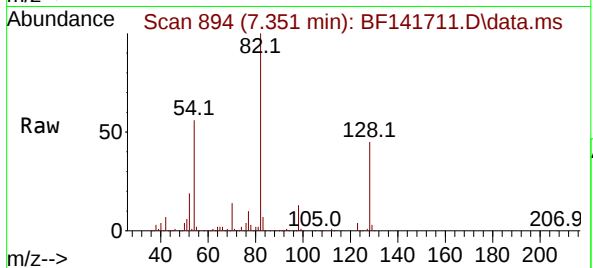
Tgt Ion: 82 Resp: 647940

Ion Ratio Lower Upper

82 100

128 45.0 34.8 52.2

54 56.3 48.2 72.4



#24

Nitrobenzene

Concen: 41.421 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

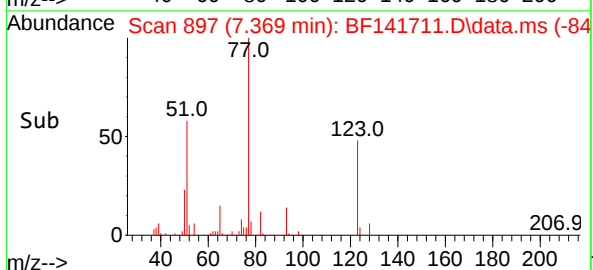
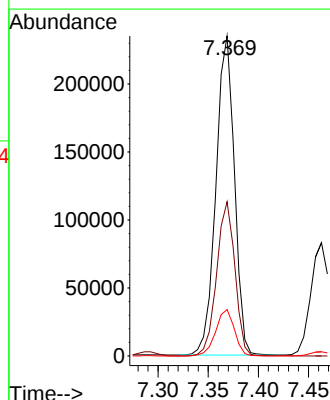
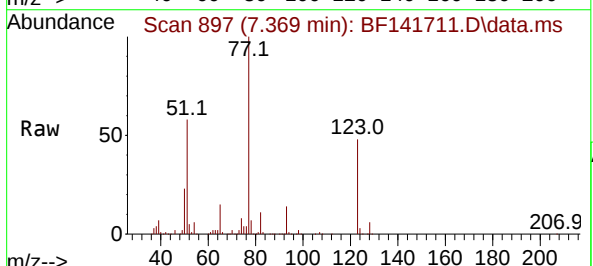
Tgt Ion: 77 Resp: 300190

Ion Ratio Lower Upper

77 100

123 48.2 36.9 55.3

65 14.5 11.9 17.9

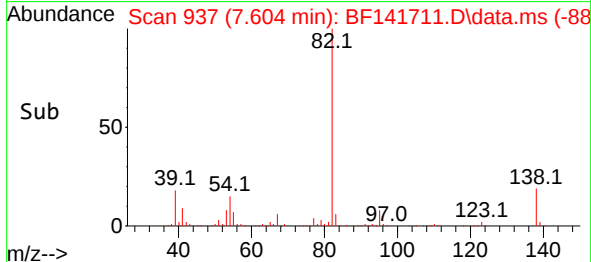
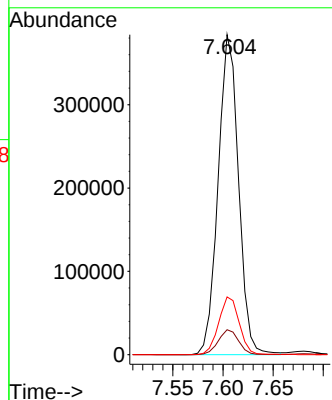
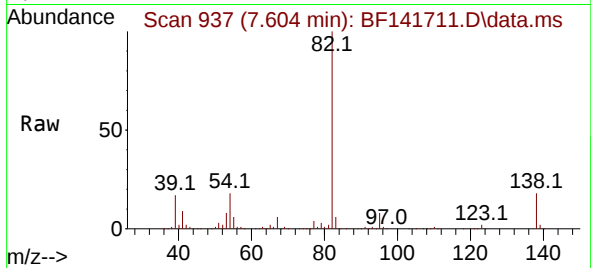




#25
Isophorone
Concen: 45.724 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

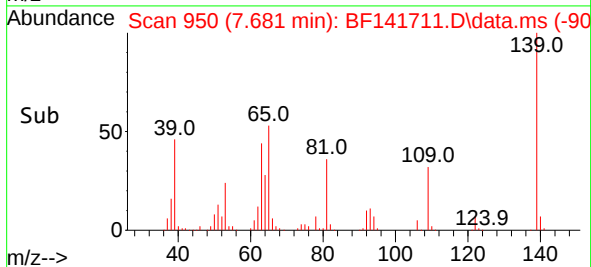
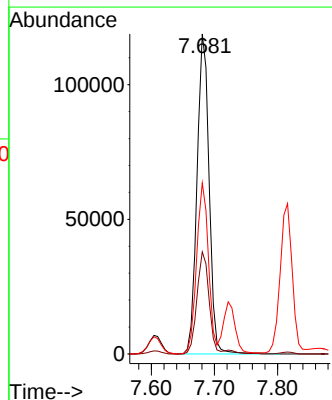
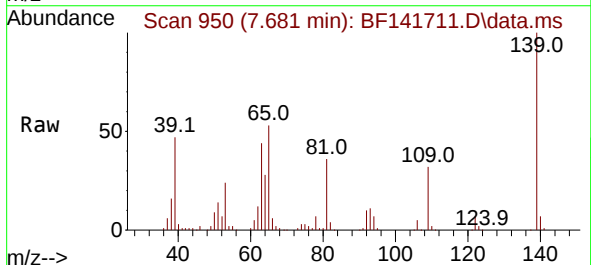
Instrument :
BNA_F
ClientSampleId :
PB166801BS

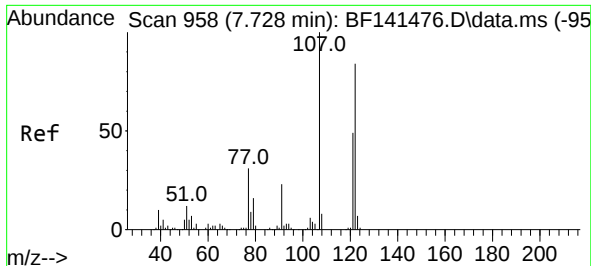
Tgt Ion: 82 Resp: 541847
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 43.761 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:139 Resp: 157786
Ion Ratio Lower Upper
139 100
109 31.9 27.0 40.6
65 53.4 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 56.351 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

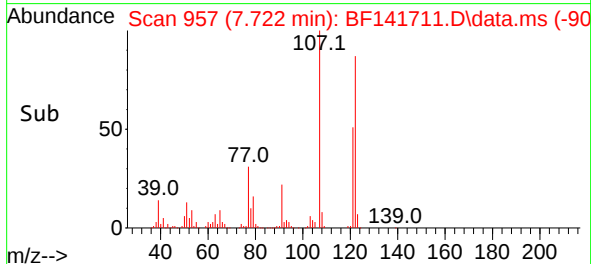
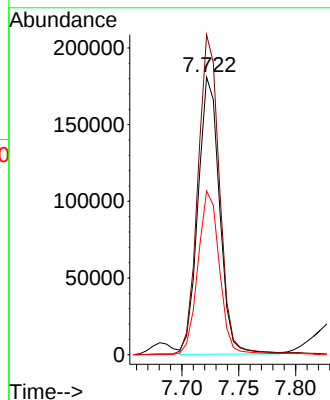
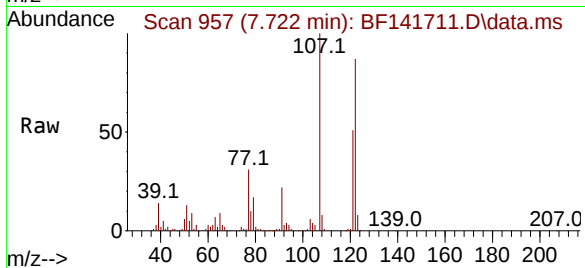
Tgt Ion:122 Resp: 237360

Ion Ratio Lower Upper

122 100

107 115.3 94.3 141.5

121 59.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.407 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

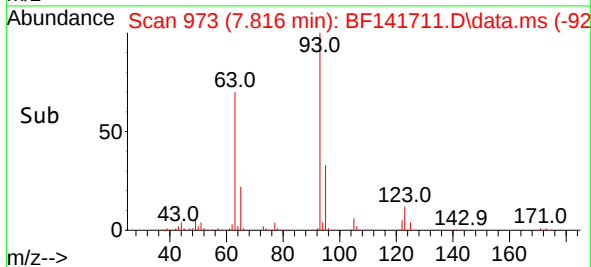
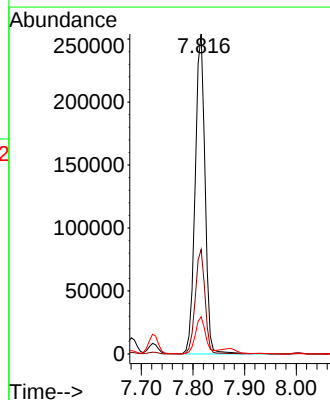
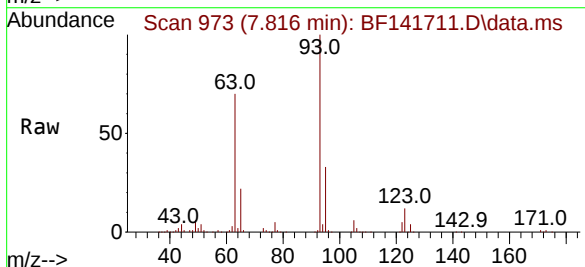
Tgt Ion: 93 Resp: 337204

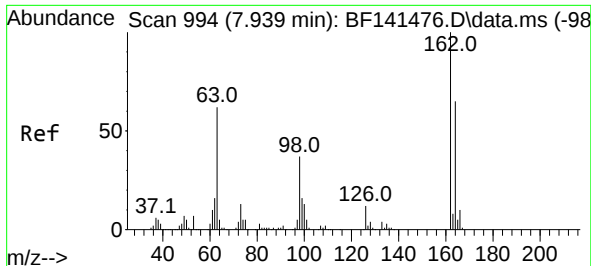
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.664 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

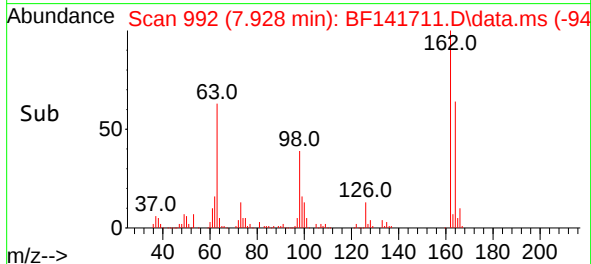
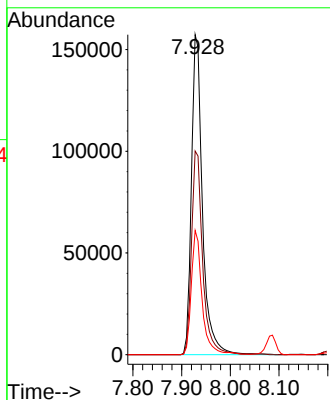
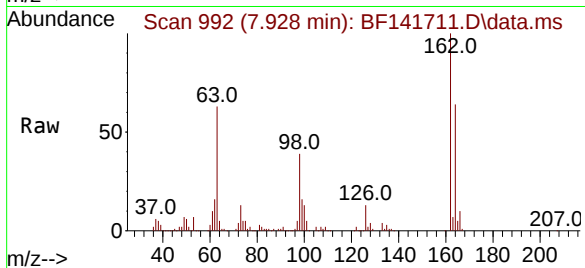
Tgt Ion:162 Resp: 248502

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 38.8 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 43.118 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

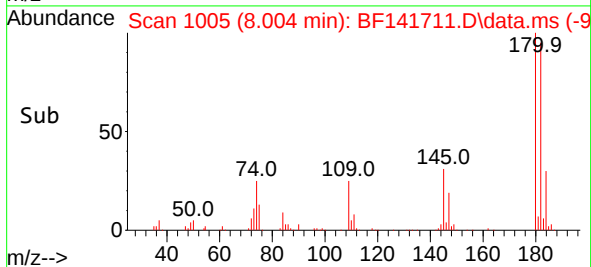
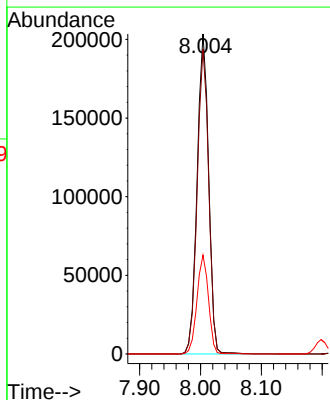
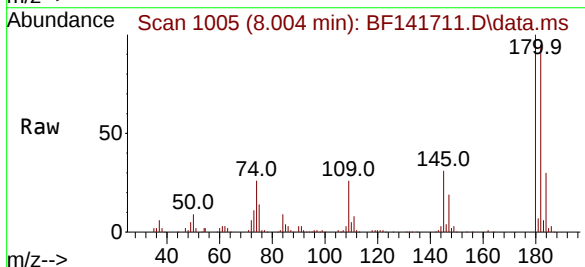
Tgt Ion:180 Resp: 267225

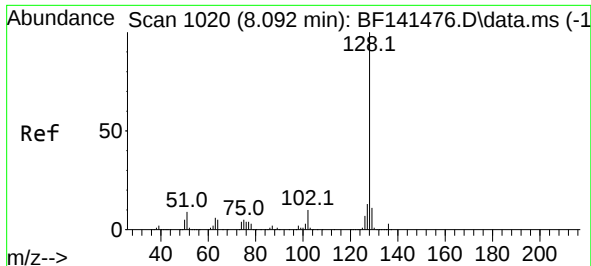
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 30.9 24.2 36.4

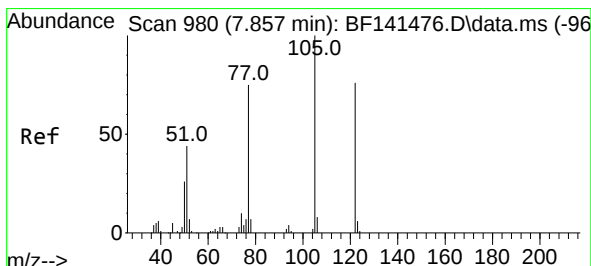
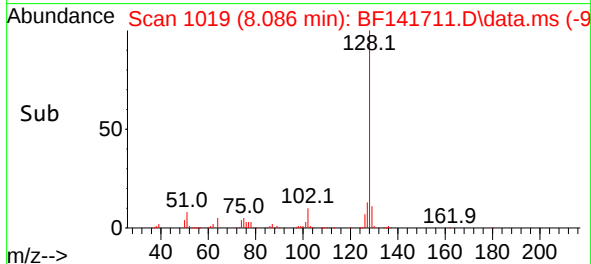
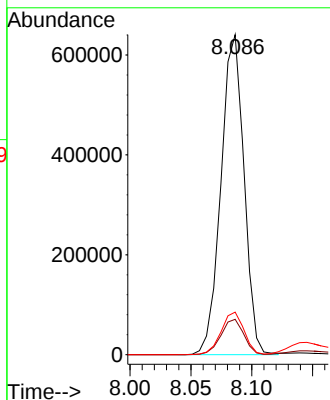
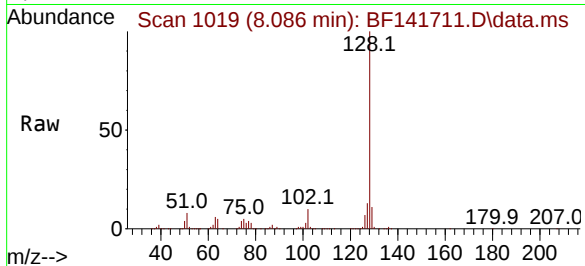




#31
Naphthalene
Concen: 41.810 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

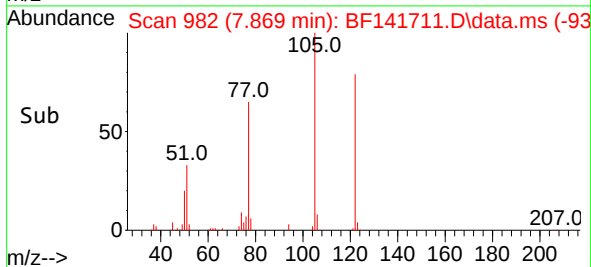
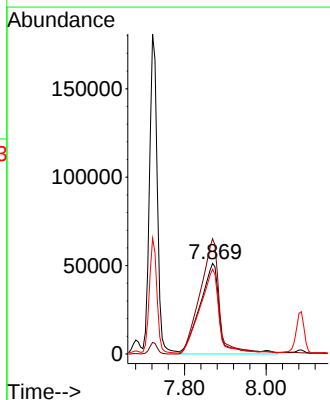
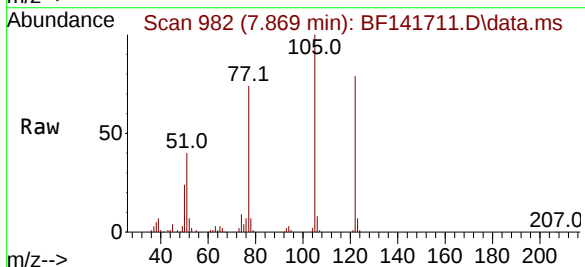
Instrument :
BNA_F
ClientSampleId :
PB166801BS

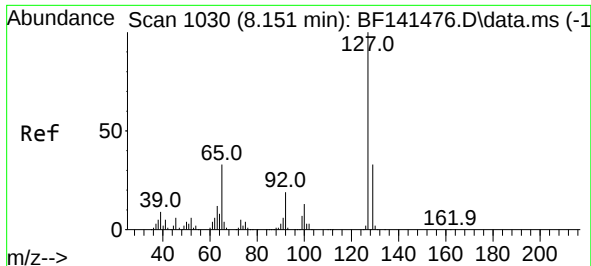
Tgt Ion:128 Resp: 843667
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 40.063 ng m
RT: 7.869 min Scan# 982
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:122 Resp: 175284
Ion Ratio Lower Upper
122 100
105 127.3 106.5 146.5
77 93.7 76.3 116.3

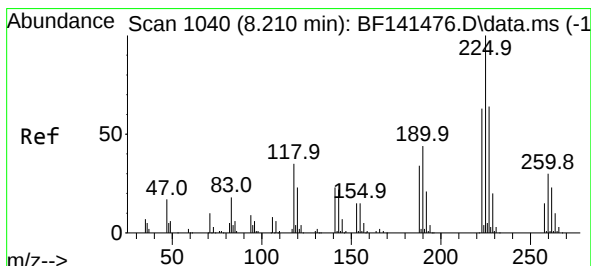
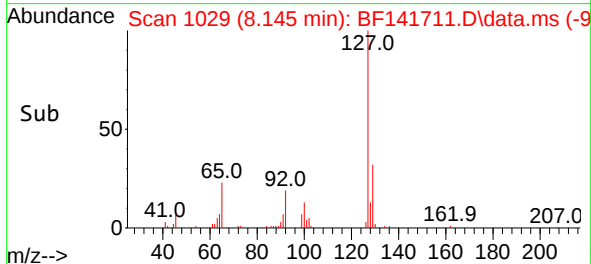
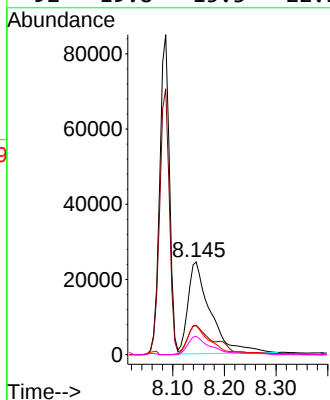
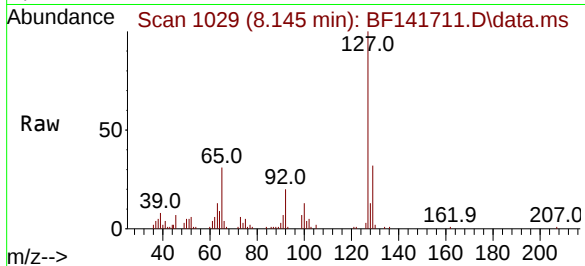




#33
4-Chloroaniline
Concen: 10.458 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

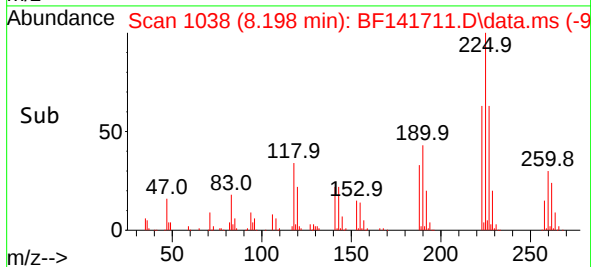
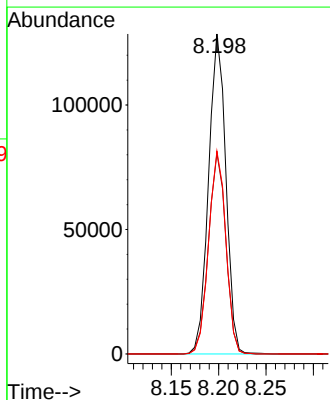
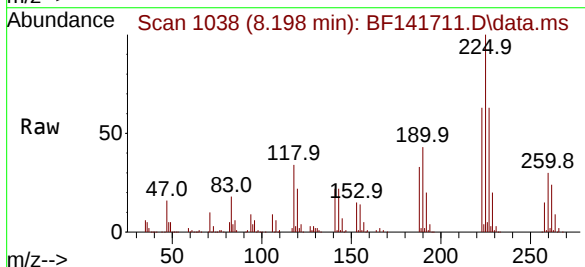
Instrument :
BNA_F
ClientSampleId :
PB166801BS

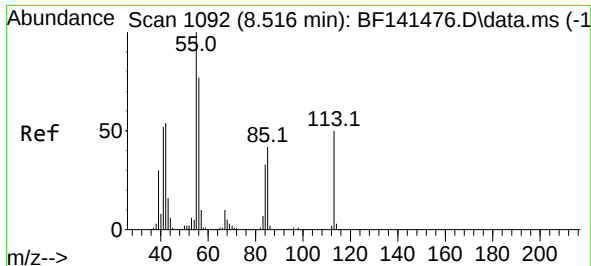
Tgt Ion:	127	Resp:	73680
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	31.2	26.4	39.6
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.868 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

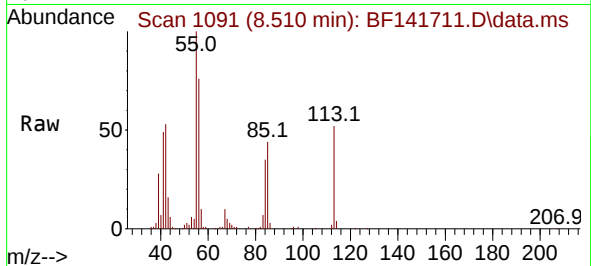
Tgt Ion:	225	Resp:	163218
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.4	51.0	76.6



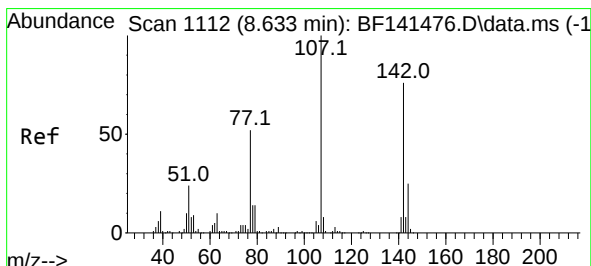
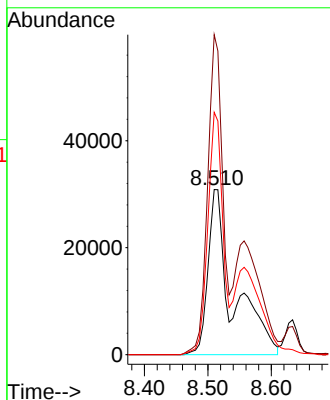
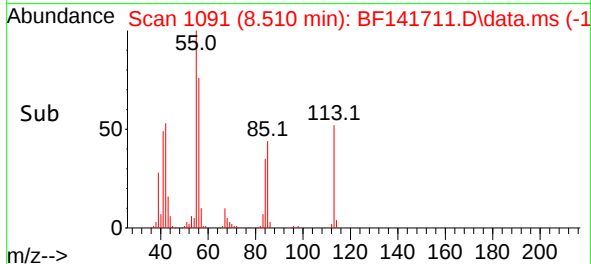


#35
Caprolactam
Concen: 48.133 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Instrument :
BNA_F
ClientSampleId :
PB166801BS

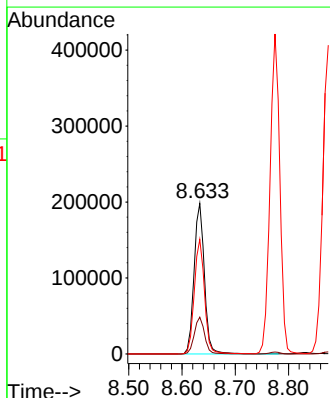
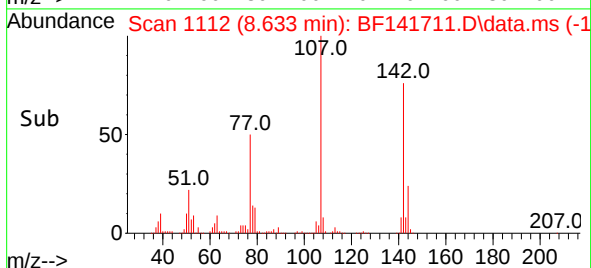
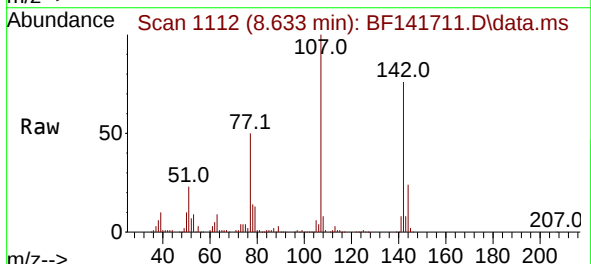


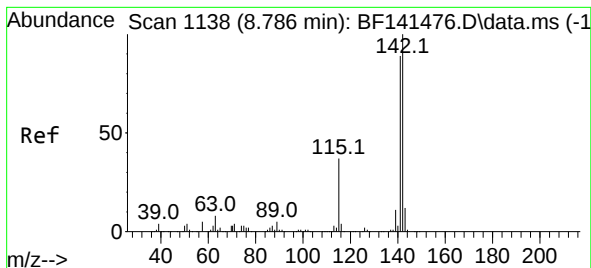
Tgt Ion:113 Resp: 83405
Ion Ratio Lower Upper
113 100
55 193.8 180.8 220.8
56 146.8 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 42.511 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:107 Resp: 267998
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 76.1 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.013 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

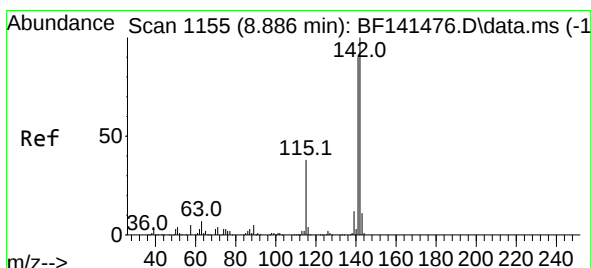
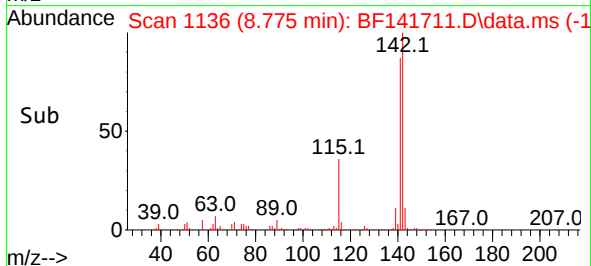
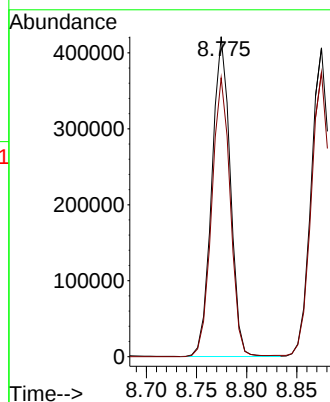
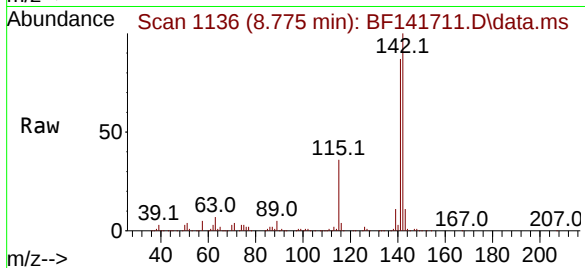
PB166801BS

Tgt Ion:142 Resp: 538527

Ion Ratio Lower Upper

142 100

141 87.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.712 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141711.D

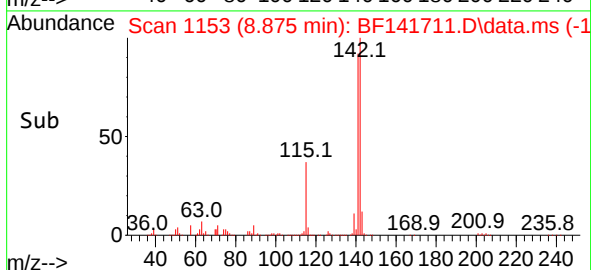
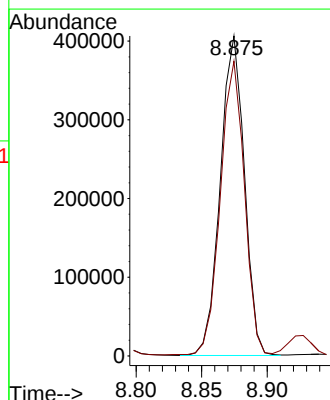
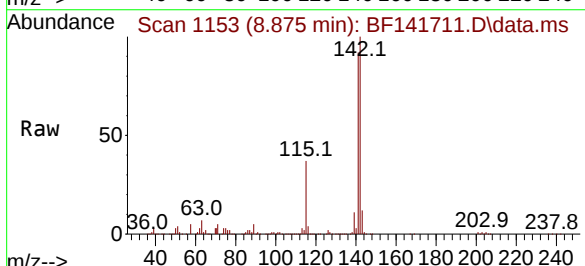
Acq: 21 Feb 2025 10:44

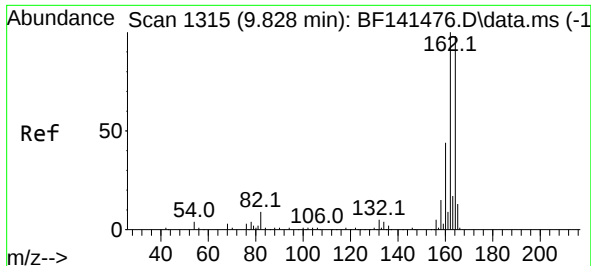
Tgt Ion:142 Resp: 517759

Ion Ratio Lower Upper

142 100

141 92.1 72.1 108.1

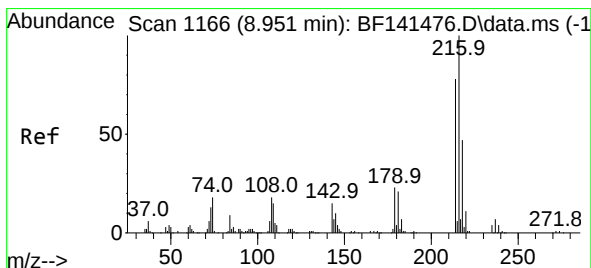
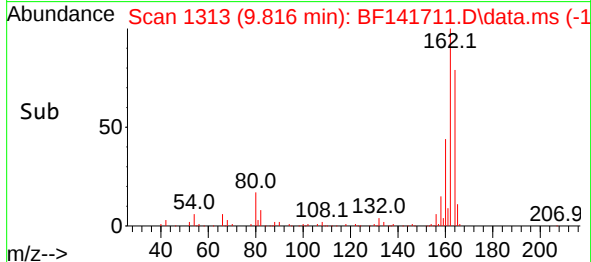
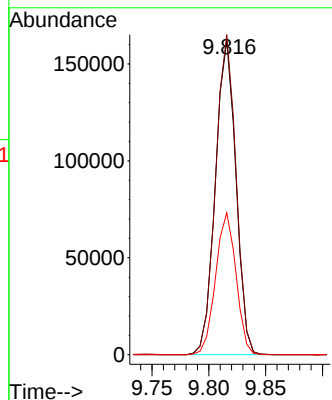
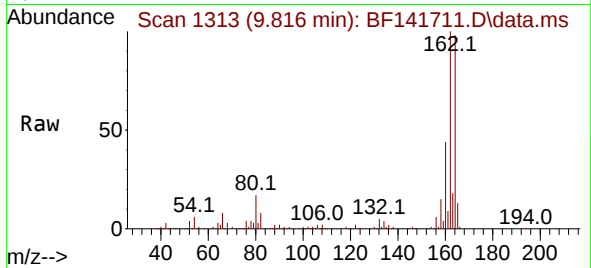




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 111
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

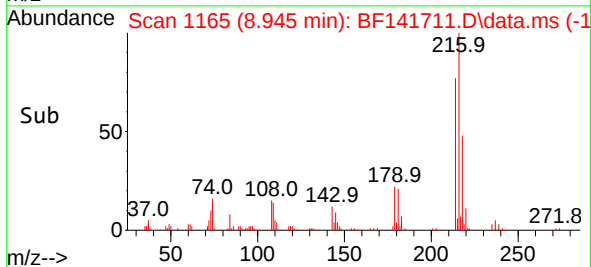
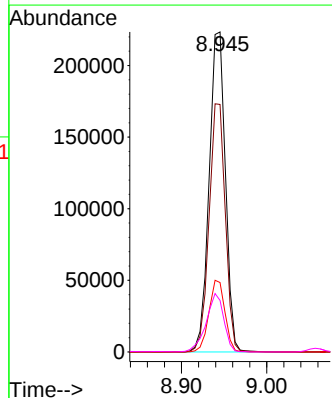
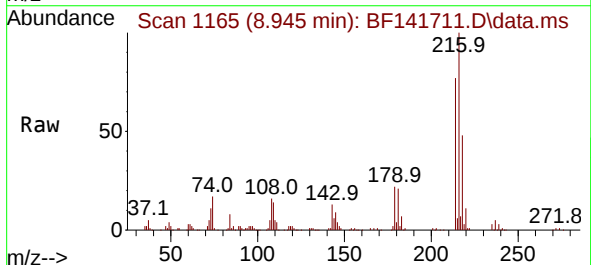
Instrument :
BNA_F
ClientSampleId :
PB166801BS

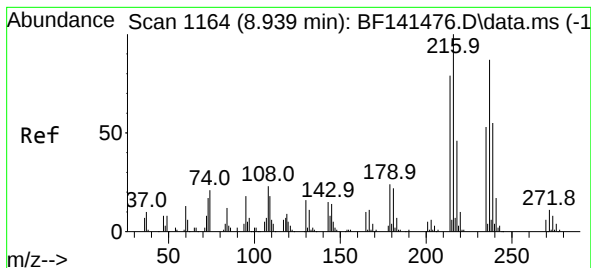
Tgt Ion:164 Resp: 203514
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.255 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:216 Resp: 295896
Ion Ratio Lower Upper
216 100
214 77.4 62.3 93.5
179 22.1 18.0 27.0
108 19.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 137.952 ng

RT: 8.927 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

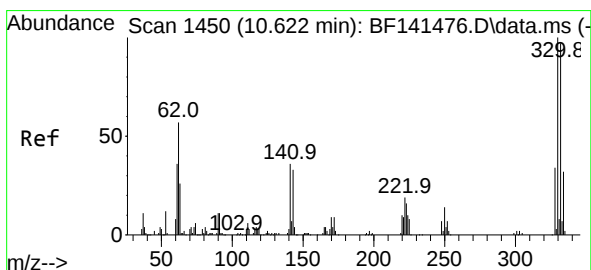
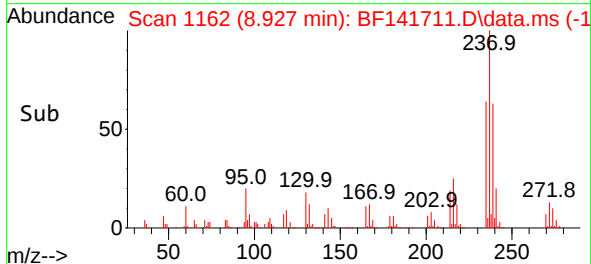
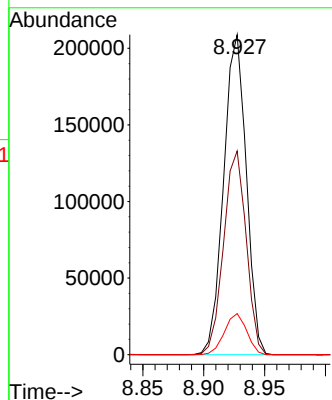
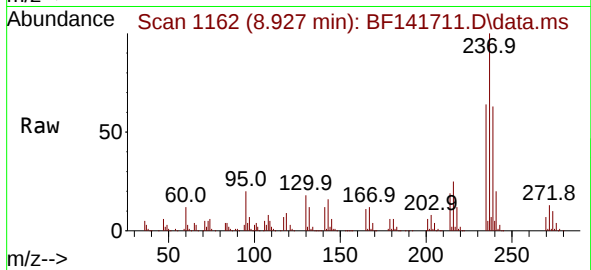
BNA_F

ClientSampleId :

PB166801BS

Tgt Ion:237 Resp: 270160

Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.4	81.4
272	12.9	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 129.543 ng

RT: 10.610 min Scan# 1448

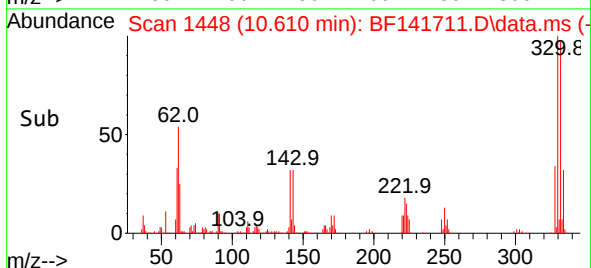
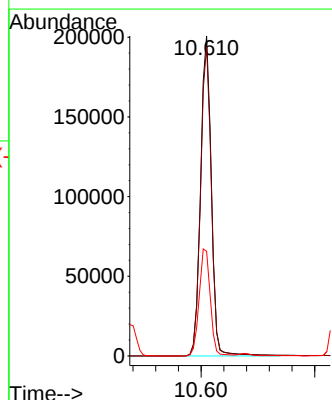
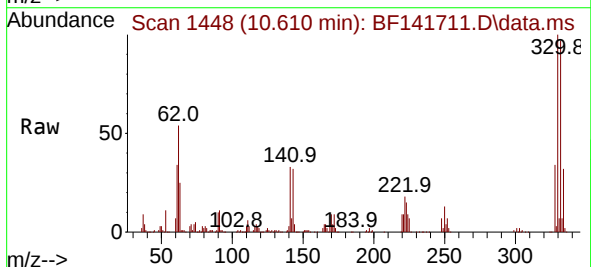
Delta R.T. -0.018 min

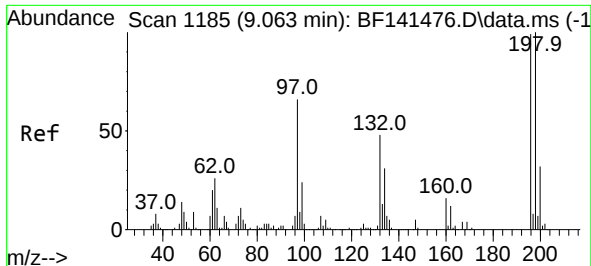
Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Tgt Ion:330 Resp: 264836

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.5	117.7
141	34.7	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 43.881 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

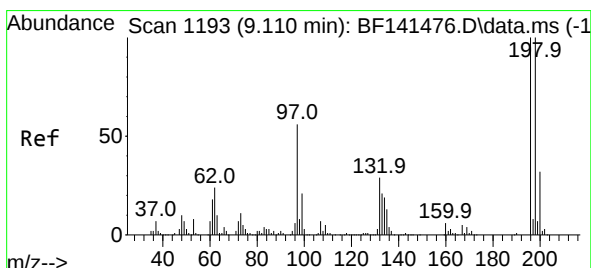
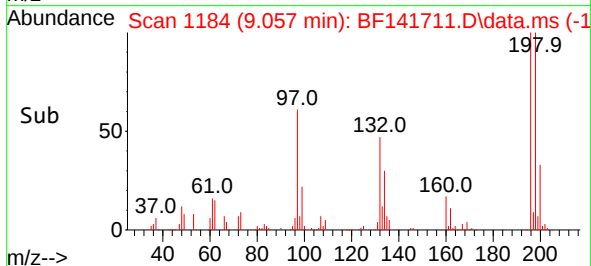
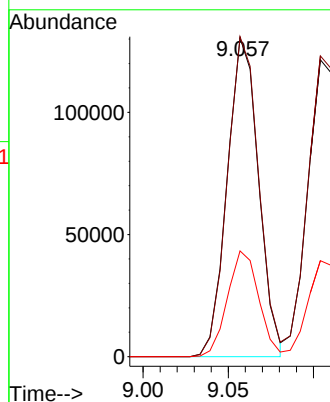
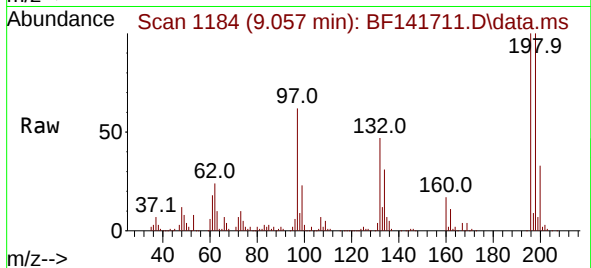
Tgt Ion:196 Resp: 166988

Ion Ratio Lower Upper

196 100

198 100.4 80.6 121.0

200 33.2 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.199 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Tgt Ion:196 Resp: 182285

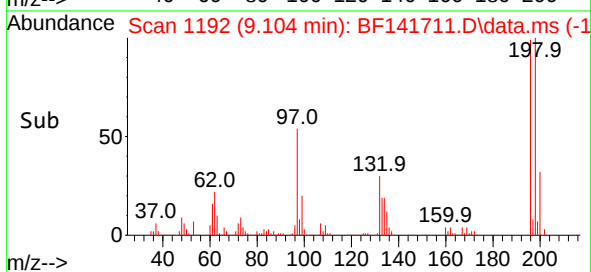
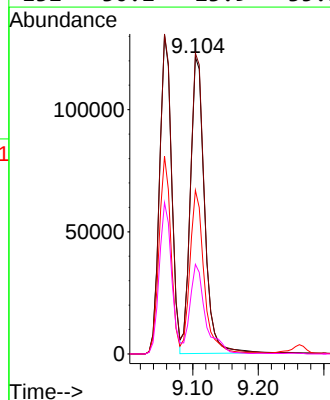
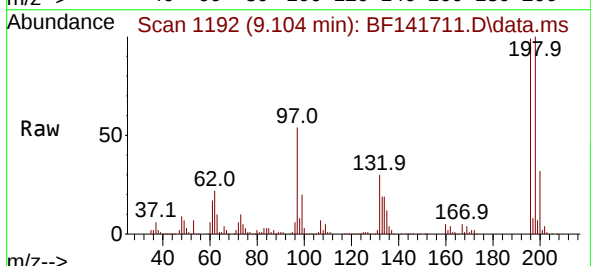
Ion Ratio Lower Upper

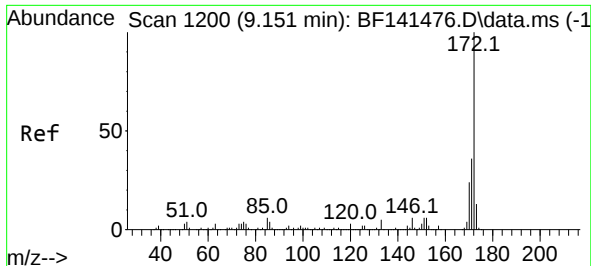
196 100

198 101.3 79.8 119.8

97 55.1 44.8 67.2

132 30.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 92.323 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

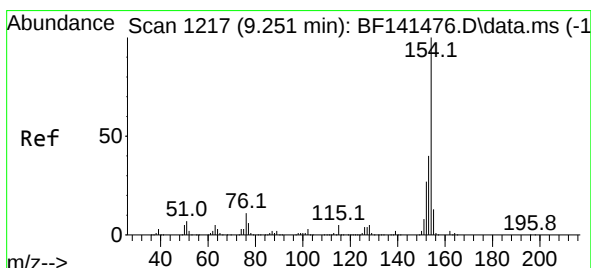
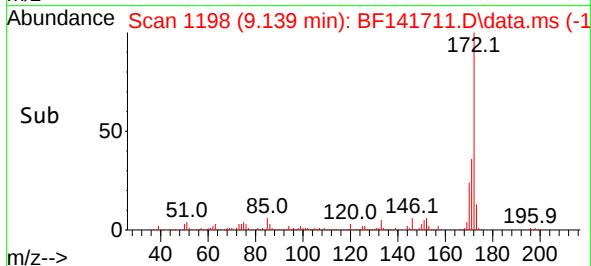
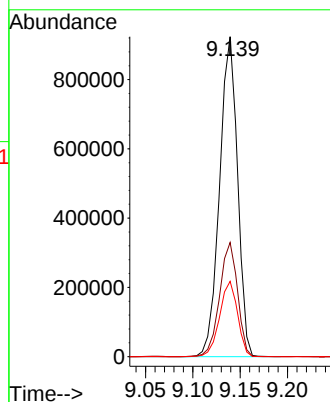
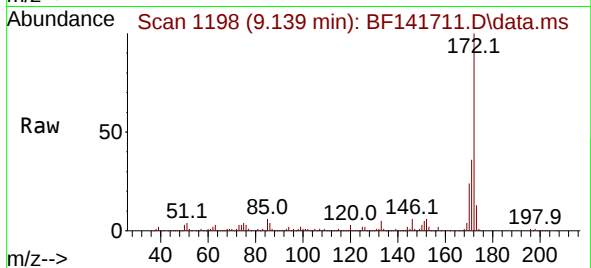
Tgt Ion:172 Resp: 1219558

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.061 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

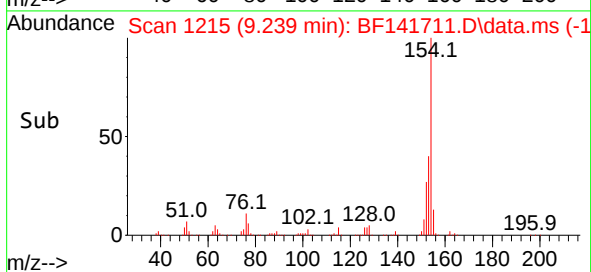
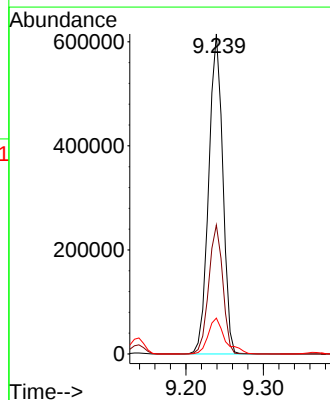
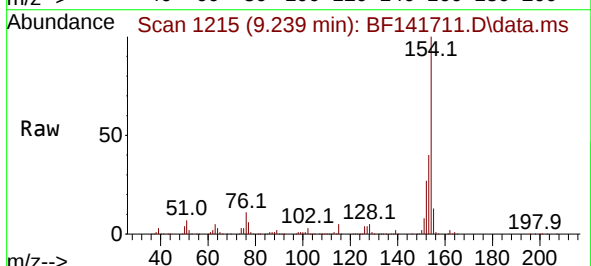
Tgt Ion:154 Resp: 774093

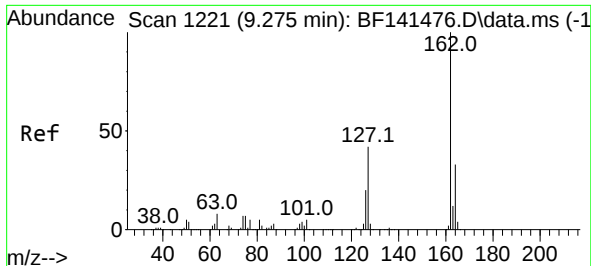
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.2 0.0 30.8

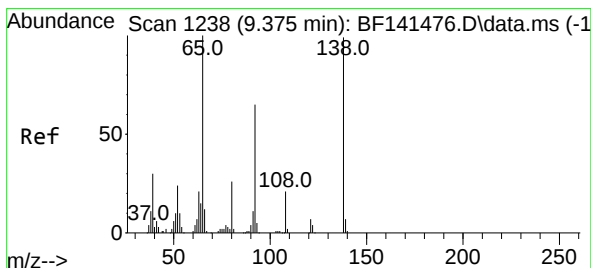
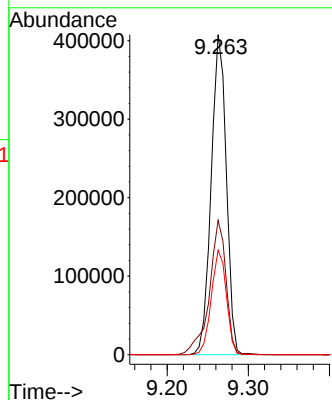
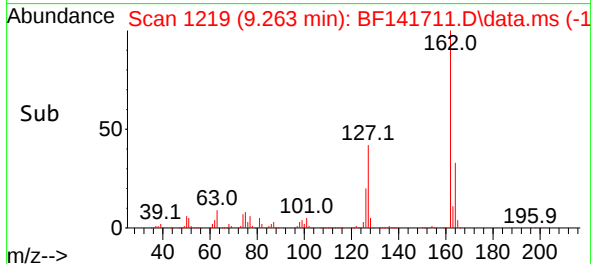
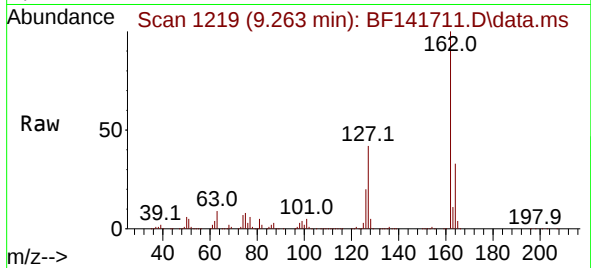




#47
2-Chloronaphthalene
Concen: 45.134 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

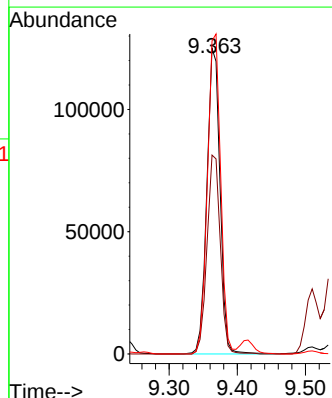
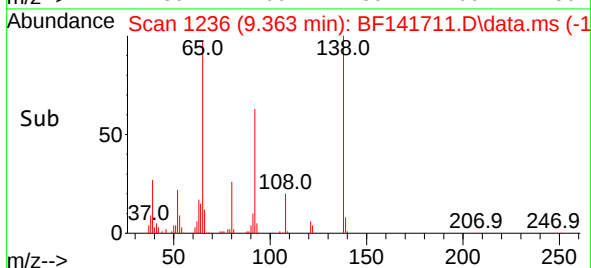
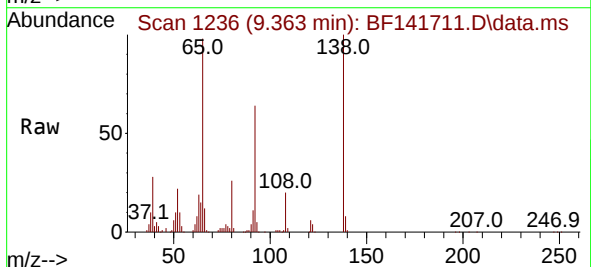
Instrument :
BNA_F
ClientSampleId :
PB166801BS

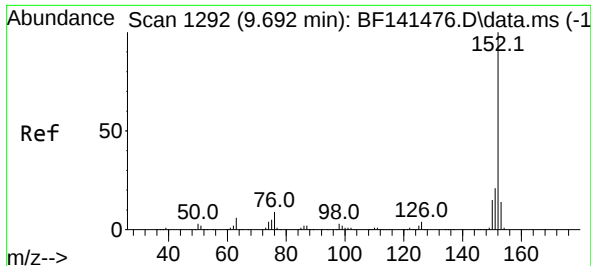
Tgt Ion:162 Resp: 526602
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 42.897 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 65 Resp: 167967
Ion Ratio Lower Upper
65 100
92 65.1 52.2 78.2
138 102.5 79.5 119.3





#49

Acenaphthylene

Concen: 45.688 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

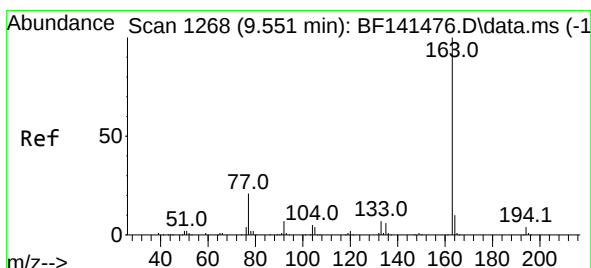
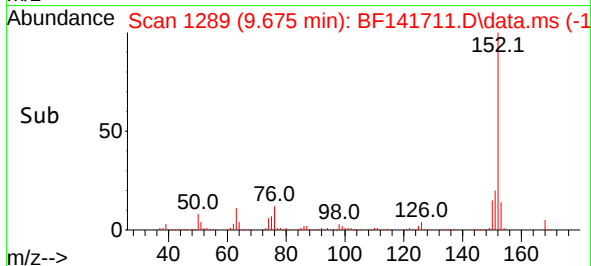
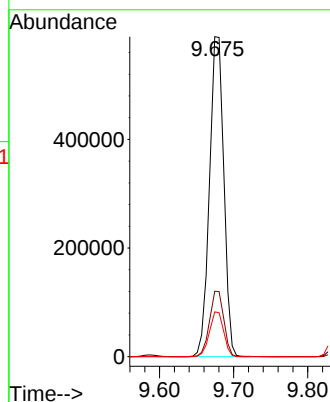
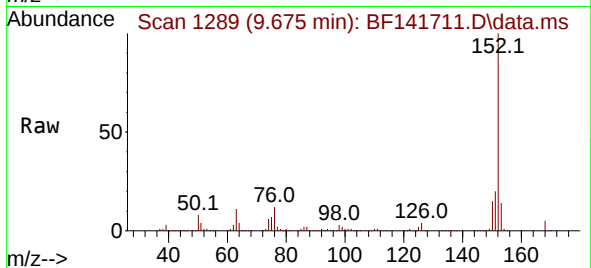
Tgt Ion:152 Resp: 792876

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 45.502 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

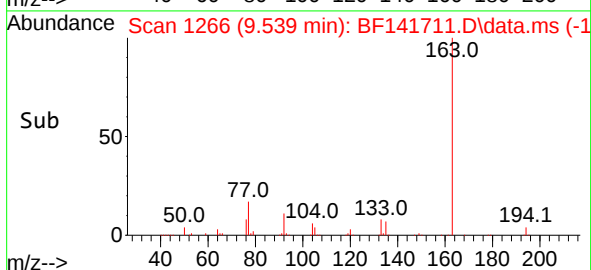
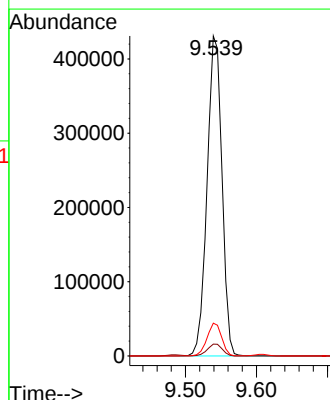
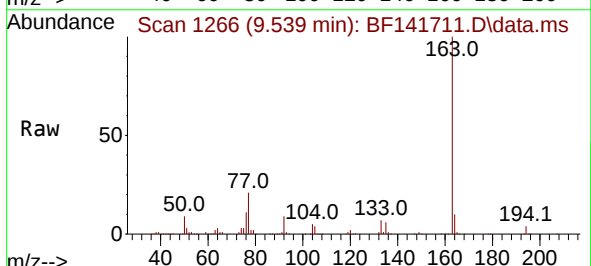
Tgt Ion:163 Resp: 628655

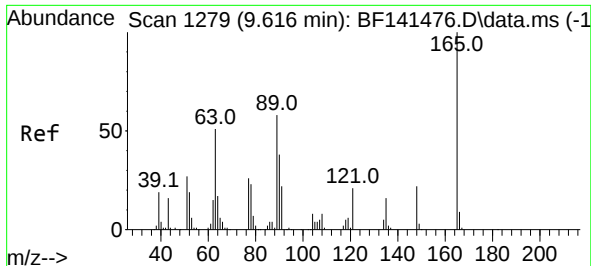
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.807 ng

RT: 9.610 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

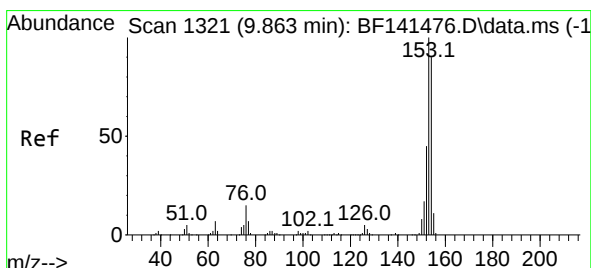
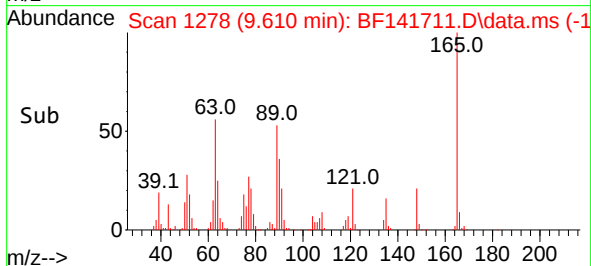
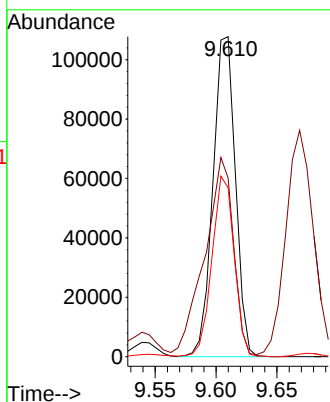
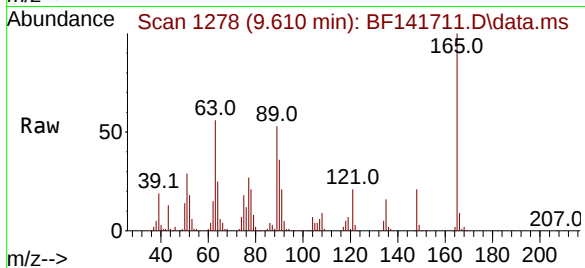
Tgt Ion:165 Resp: 138349

Ion Ratio Lower Upper

165 100

63 55.8 49.4 74.0

89 52.8 46.5 69.7



#52

Acenaphthene

Concen: 43.050 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

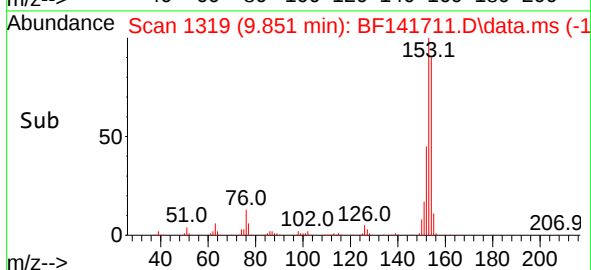
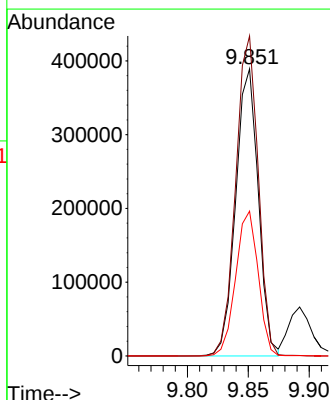
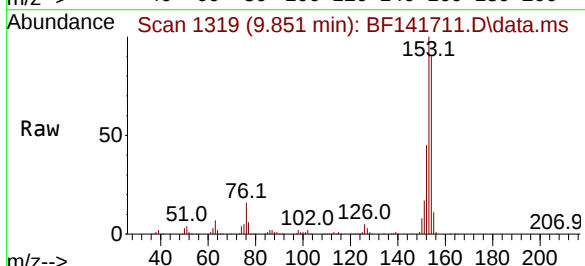
Tgt Ion:154 Resp: 502253

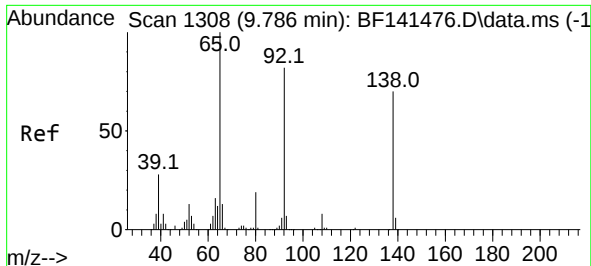
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 50.5 39.8 59.8

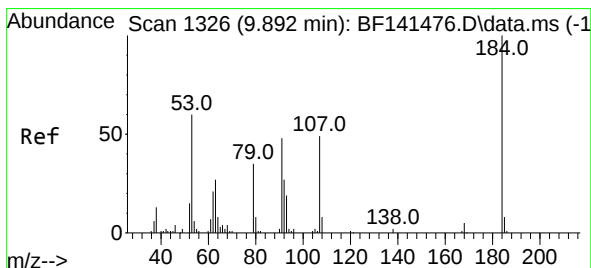
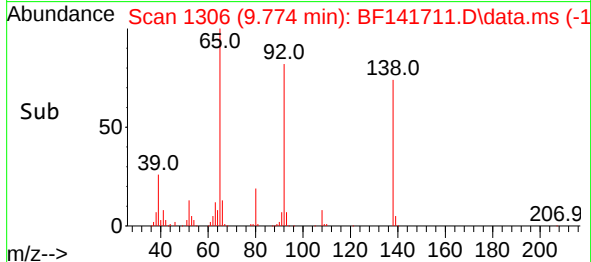
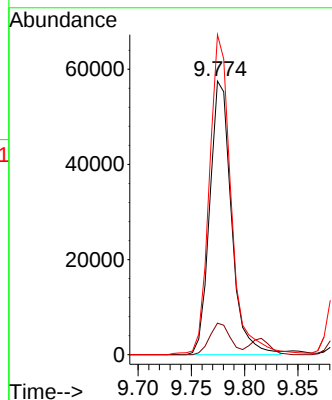
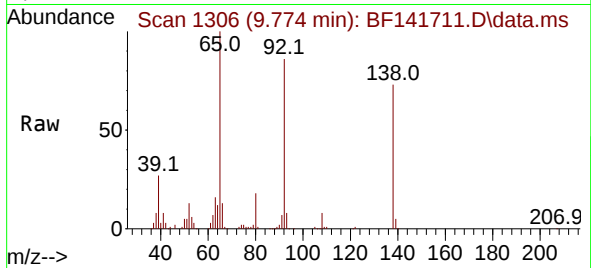




#53
3-Nitroaniline
Concen: 25.029 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

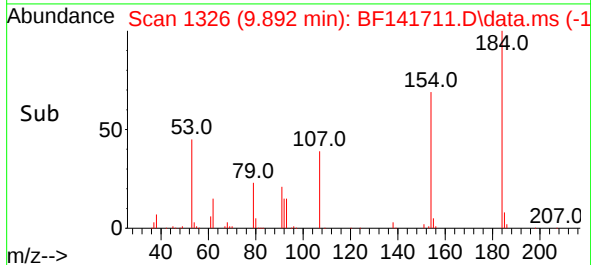
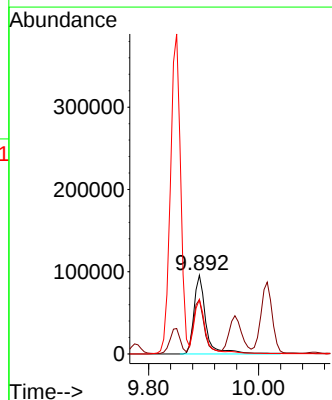
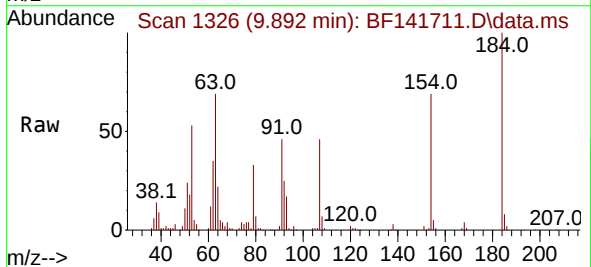
Instrument :
BNA_F
ClientSampleId :
PB166801BS

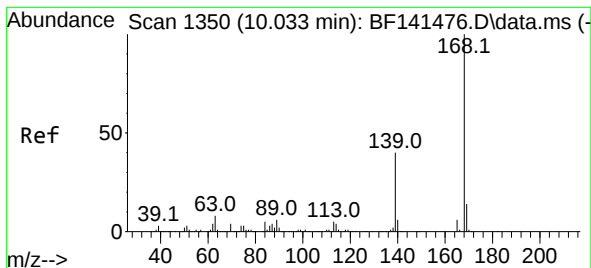
Tgt Ion:138 Resp: 81361
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 117.0 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 80.622 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:184 Resp: 144720
Ion Ratio Lower Upper
184 100
63 68.9 61.0 91.6
154 69.3 59.9 89.9





#55

Dibenzofuran

Concen: 42.182 ng

RT: 10.022 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

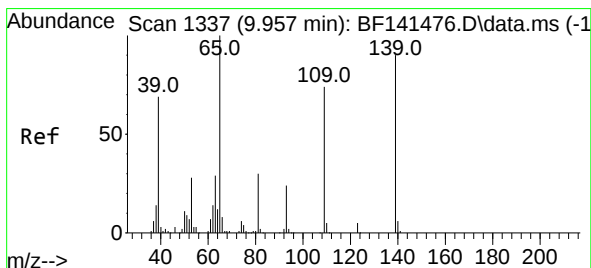
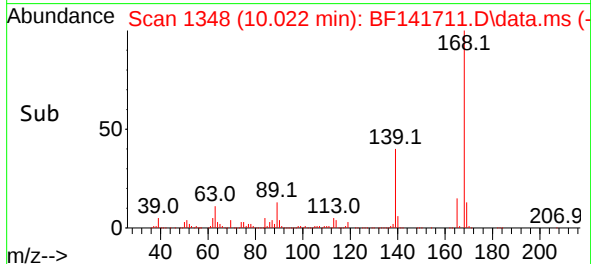
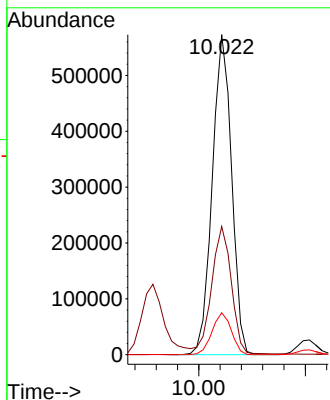
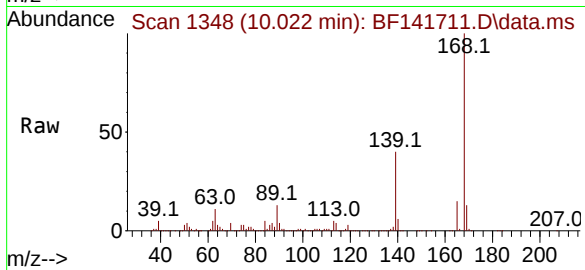
Tgt Ion:168 Resp: 722362

Ion Ratio Lower Upper

168 100

139 40.1 32.7 49.1

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 76.873 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

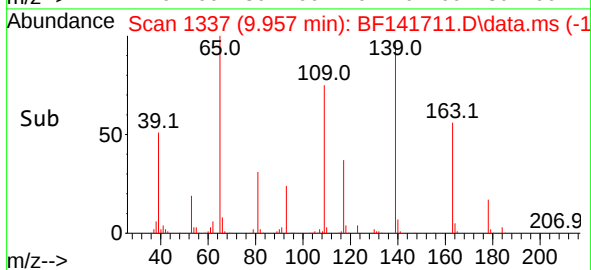
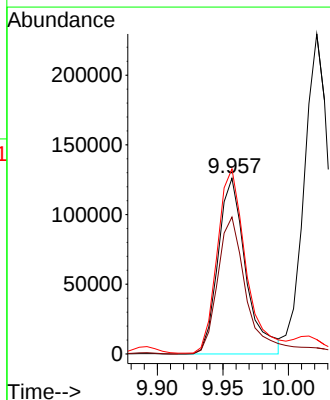
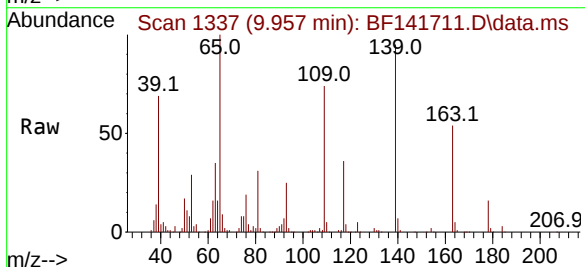
Tgt Ion:139 Resp: 185505

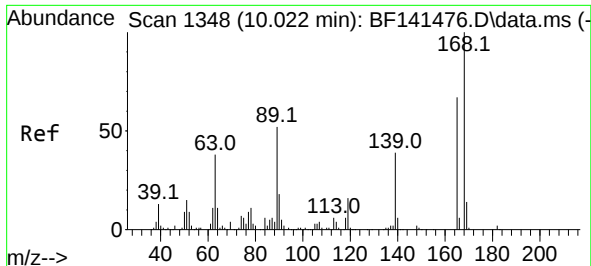
Ion Ratio Lower Upper

139 100

109 77.9 62.0 102.0

65 105.4 91.2 131.2

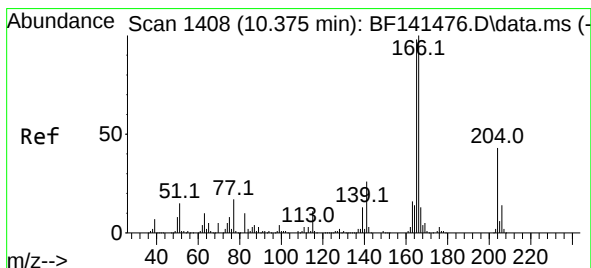
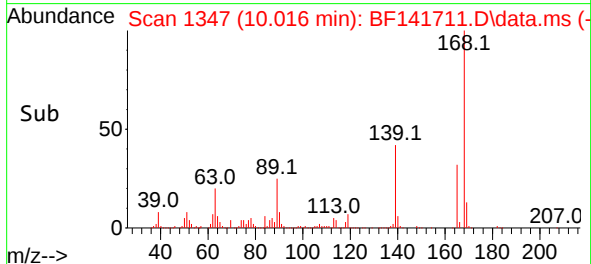
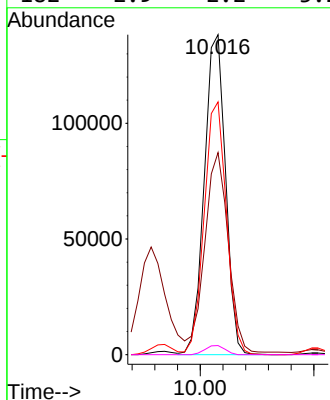
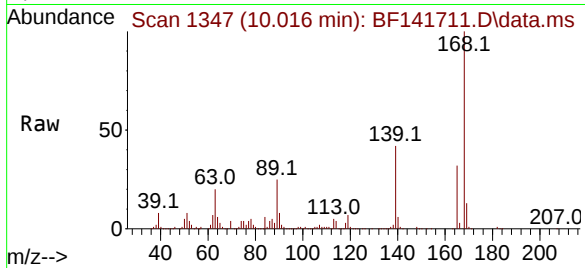




#57
2,4-Dinitrotoluene
Concen: 44.614 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

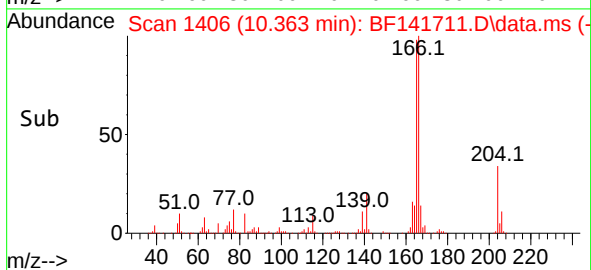
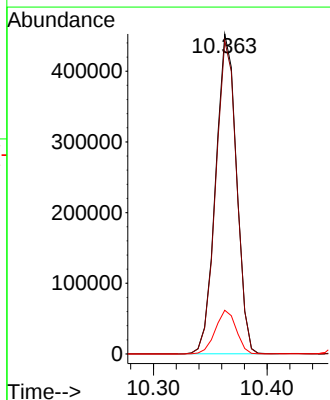
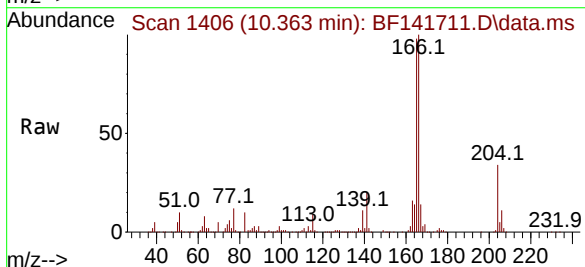
Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion:165 Resp: 179382
Ion Ratio Lower Upper
165 100
63 63.1 46.4 69.6
89 79.0 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.599 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

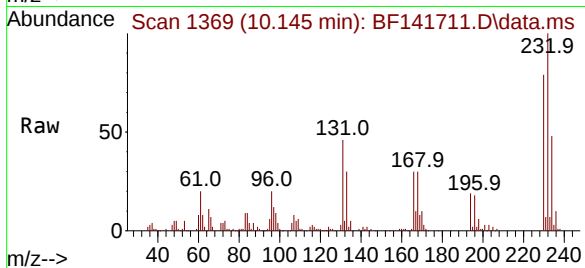
Tgt Ion:166 Resp: 577290
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.6 10.7 16.1



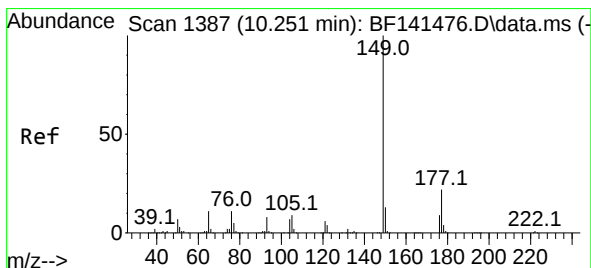
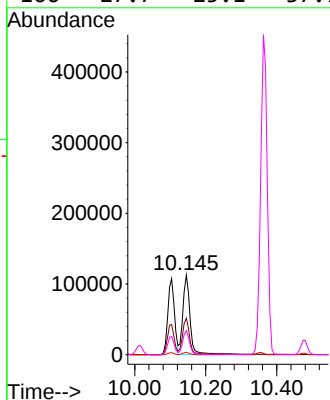
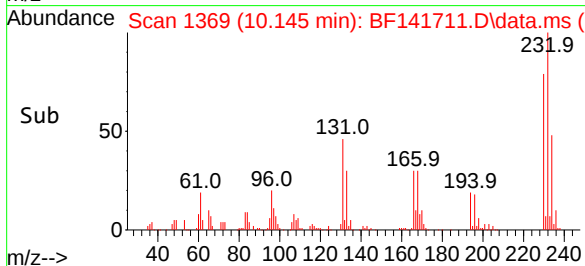


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.345 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

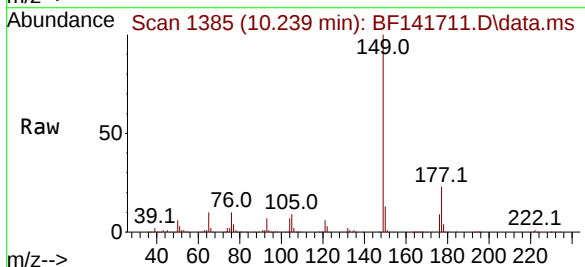
Instrument :
BNA_F
ClientSampleId :
PB166801BS



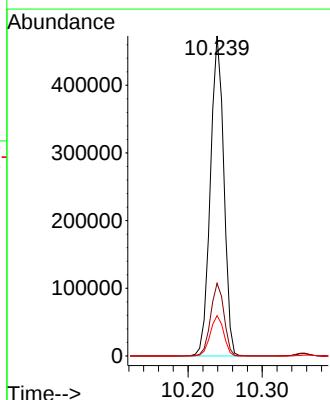
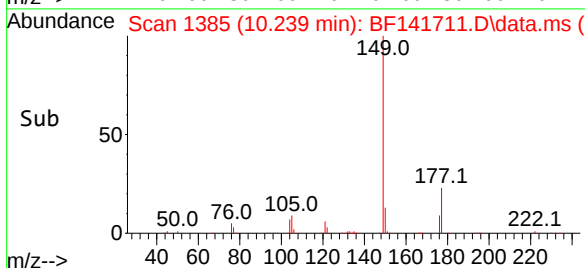
Tgt Ion:232 Resp: 157454
Ion Ratio Lower Upper
232 100
131 44.5 39.2 58.8
130 2.5 2.1 3.1
166 27.7 25.1 37.7

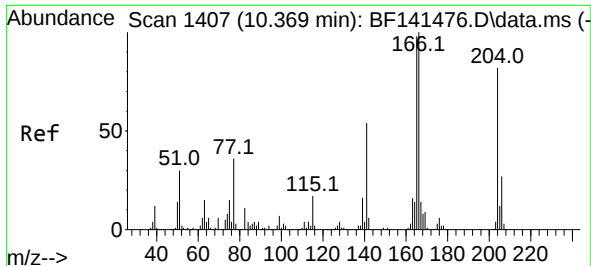


#60
Diethylphthalate
Concen: 43.774 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44



Tgt Ion:149 Resp: 595032
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.6 10.1 15.1

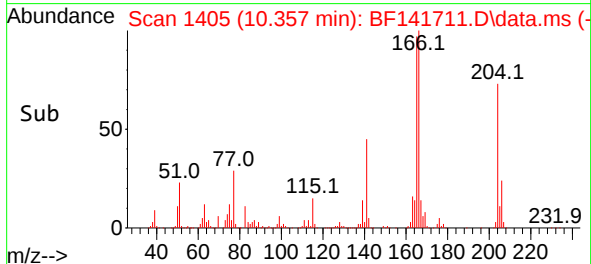
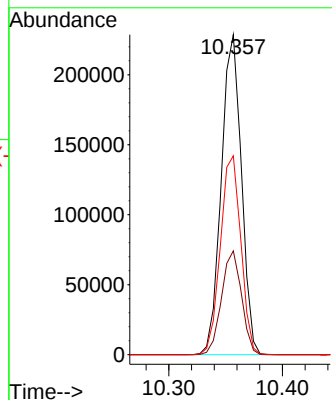
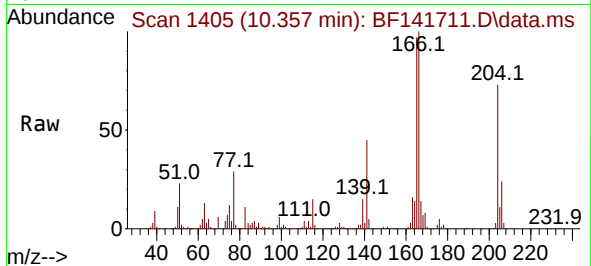




#61
4-Chlorophenyl-phenylether
Concen: 44.193 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

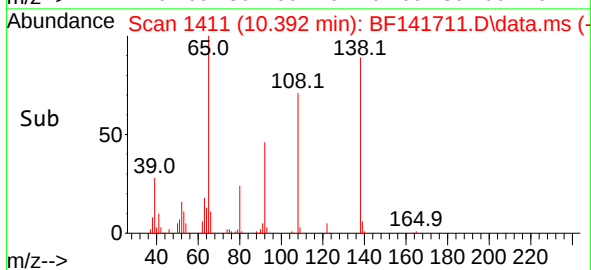
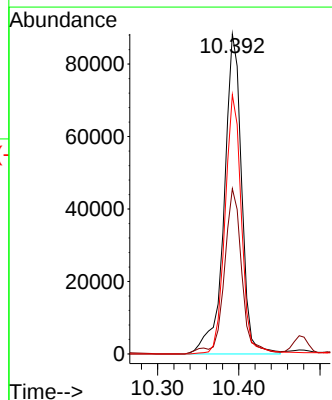
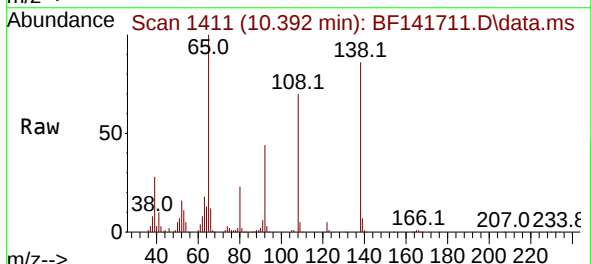
Instrument :
BNA_F
ClientSampleId :
PB166801BS

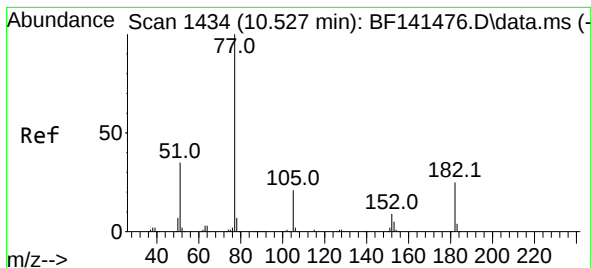
Tgt Ion:204 Resp: 281511
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.2 51.9 77.9



#62
4-Nitroaniline
Concen: 40.078 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:138 Resp: 132291
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 81.0 63.7 103.7





#63

Azobenzene

Concen: 41.694 ng

RT: 10.516 min Scan# 1434

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

Tgt Ion: 77 Resp: 563434

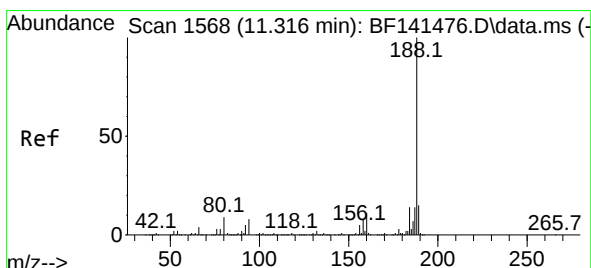
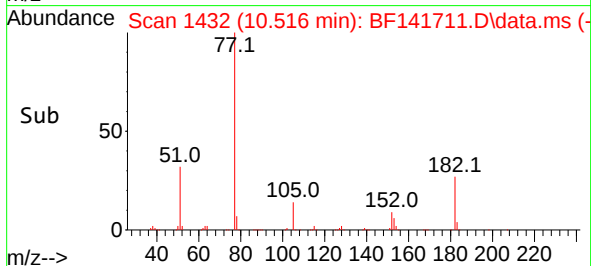
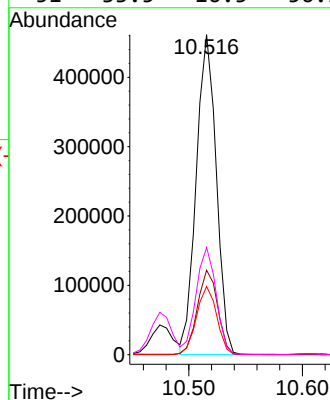
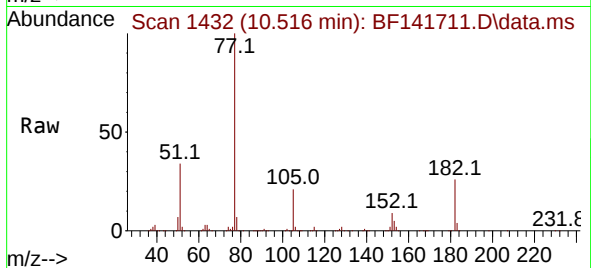
Ion Ratio Lower Upper

77 100

182 26.4 4.7 44.7

105 21.3 0.4 40.4

51 33.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

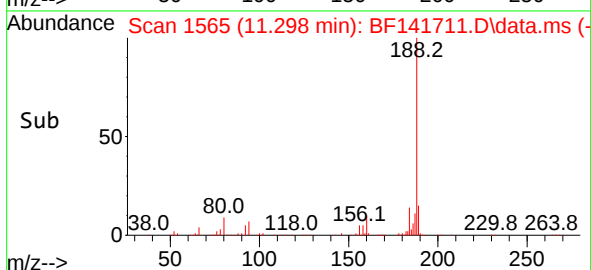
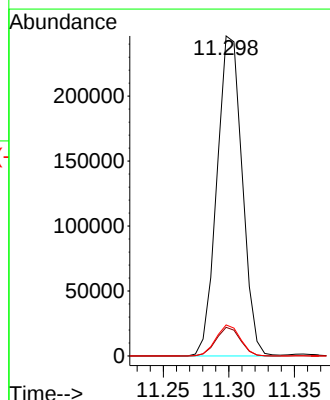
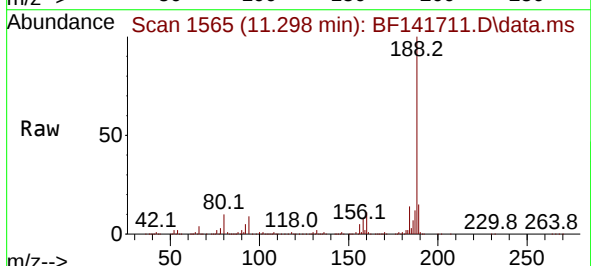
Tgt Ion: 188 Resp: 329969

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.7 7.3 10.9

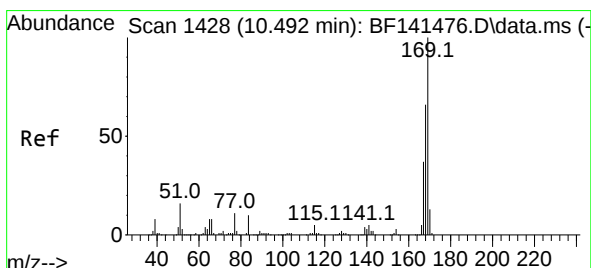
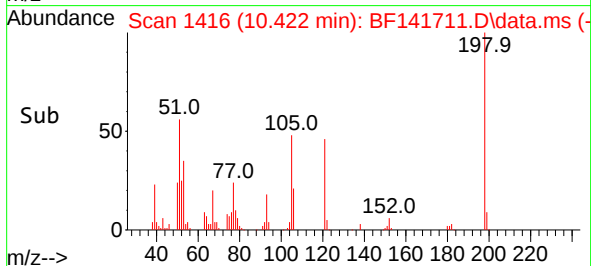
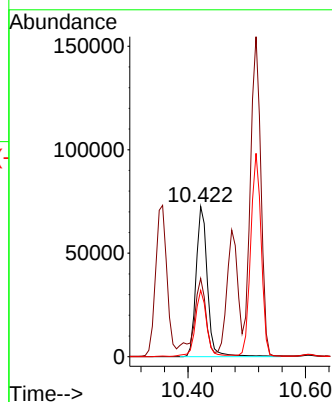
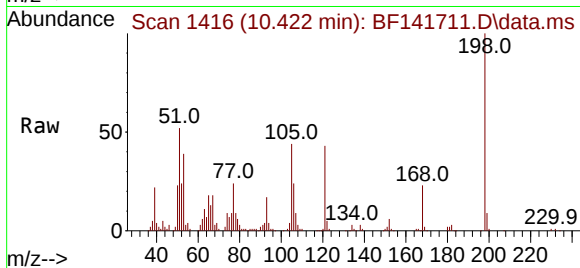




#65
4,6-Dinitro-2-methylphenol
Concen: 42.259 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

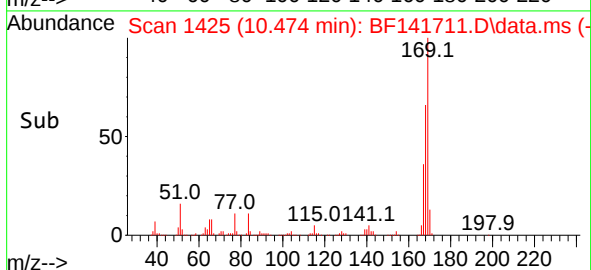
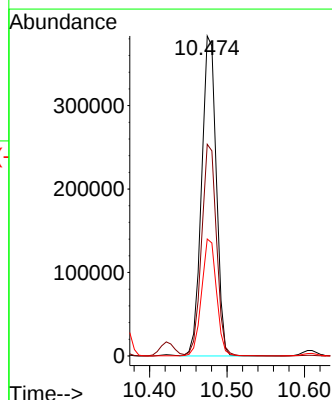
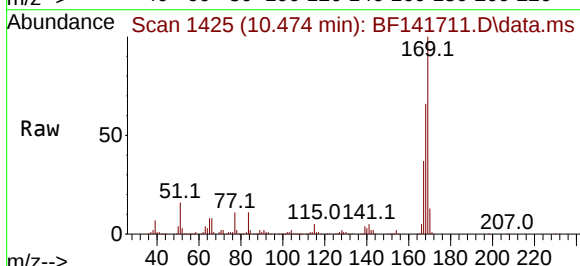
Instrument :
BNA_F
ClientSampleId :
PB166801BS

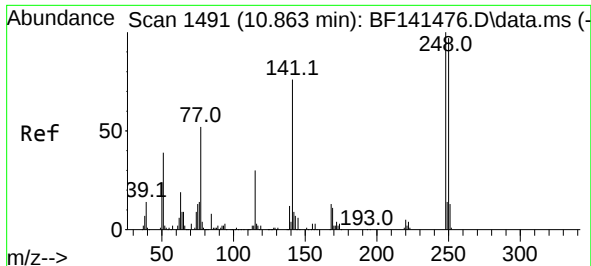
Tgt Ion:198 Resp: 96863
Ion Ratio Lower Upper
198 100
51 52.0 37.4 77.4
105 44.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.746 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:169 Resp: 504324
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 36.6 29.4 44.2

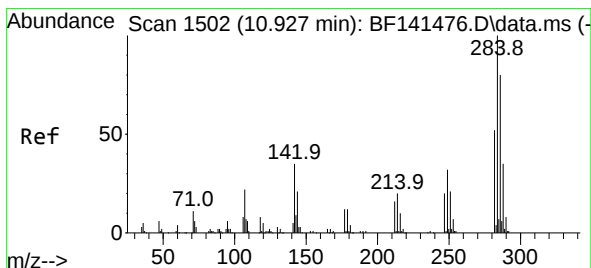
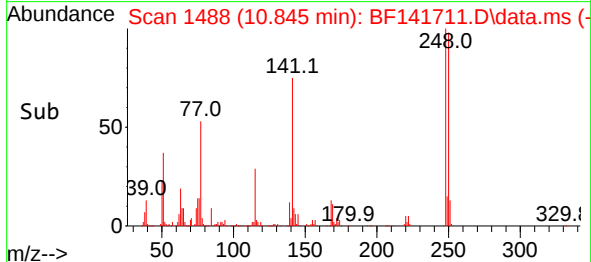
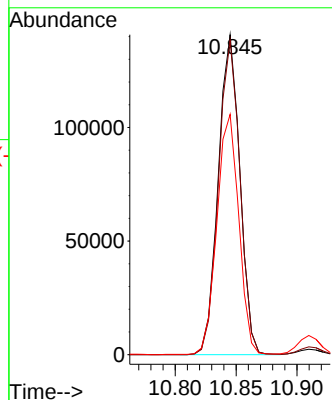
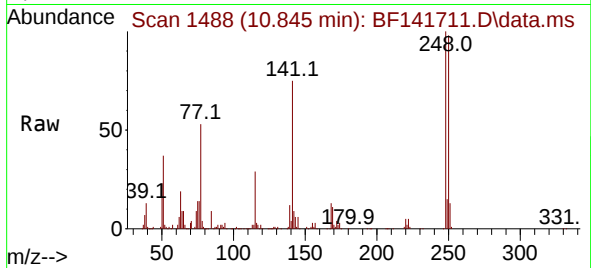




#67
4-Bromophenyl-phenylether
Concen: 47.188 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

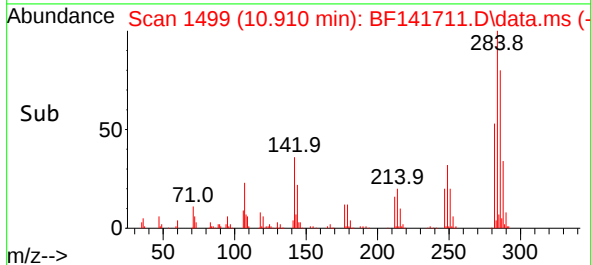
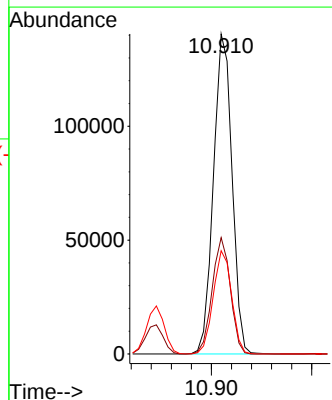
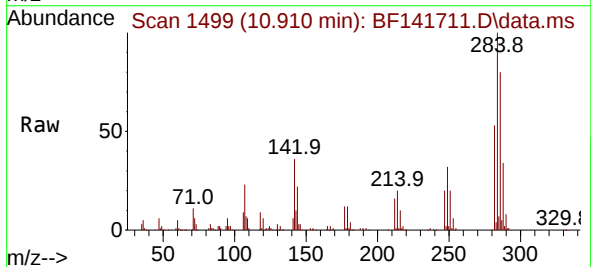
Instrument :
BNA_F
ClientSampleId :
PB166801BS

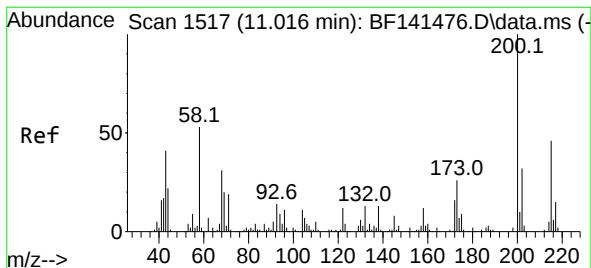
Tgt Ion:248 Resp: 174022
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 75.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.464 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:284 Resp: 180245
Ion Ratio Lower Upper
284 100
142 36.4 28.0 42.0
249 32.2 25.8 38.8





#69

Atrazine

Concen: 60.080 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

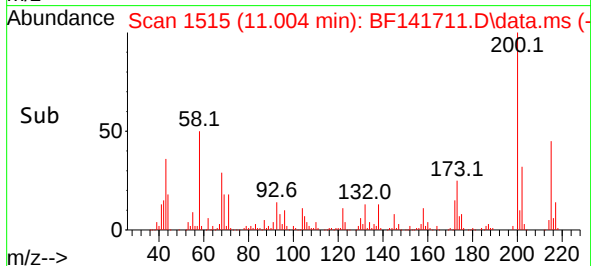
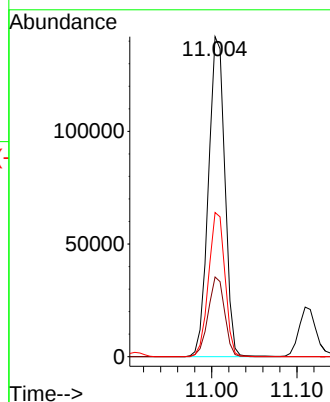
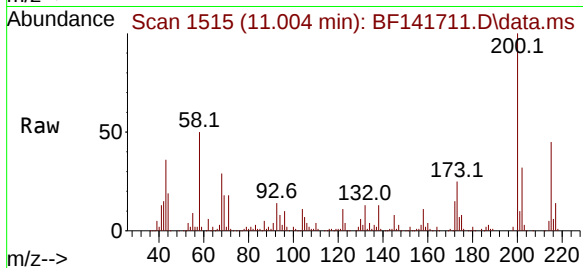
Tgt Ion:200 Resp: 190383

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

215 45.1 25.9 65.9



#70

Pentachlorophenol

Concen: 71.100 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

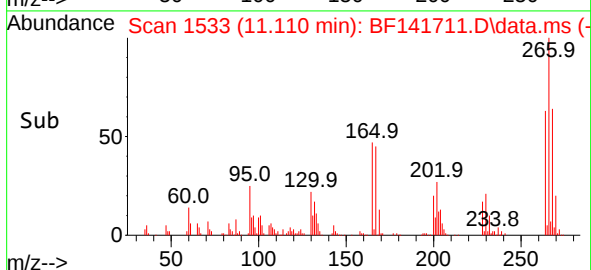
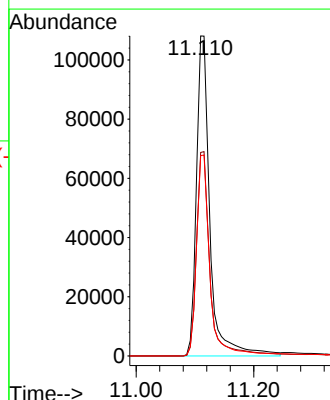
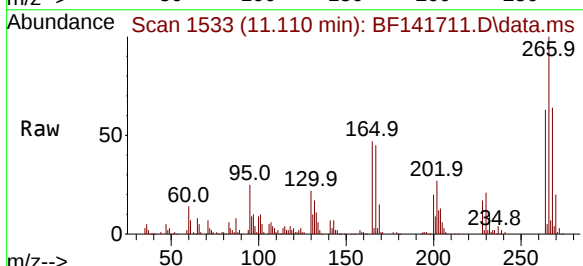
Tgt Ion:266 Resp: 172644

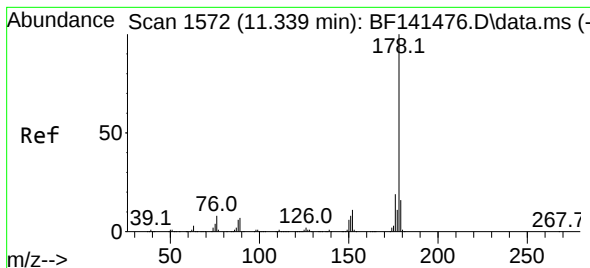
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

264 62.6 50.1 75.1





#71

Phenanthrene

Concen: 45.394 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

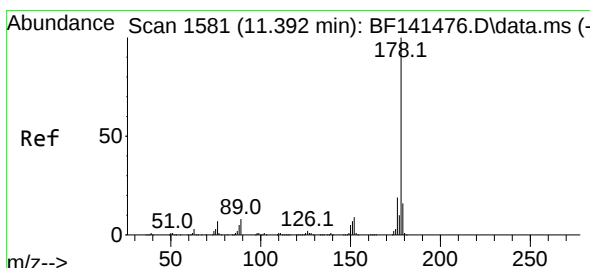
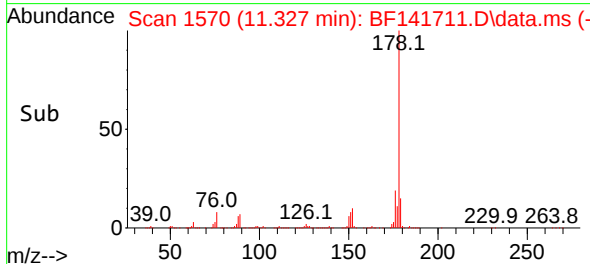
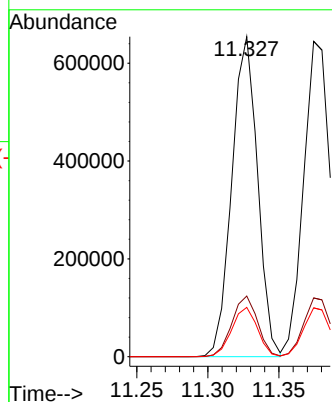
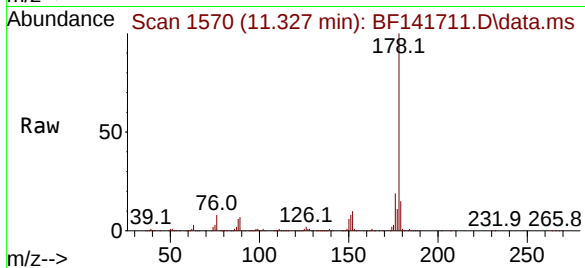
Tgt Ion:178 Resp: 824515

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 46.329 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

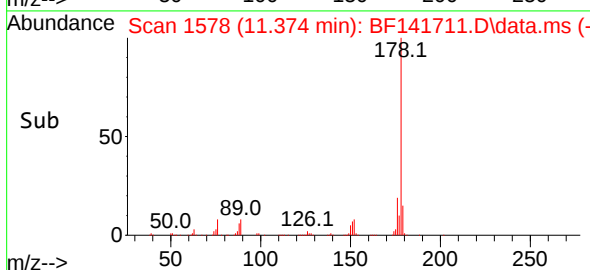
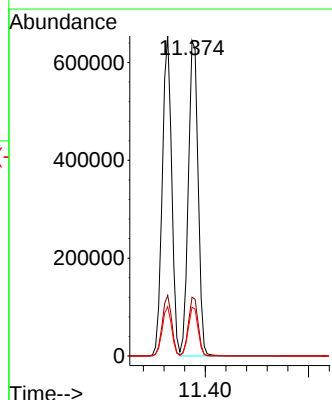
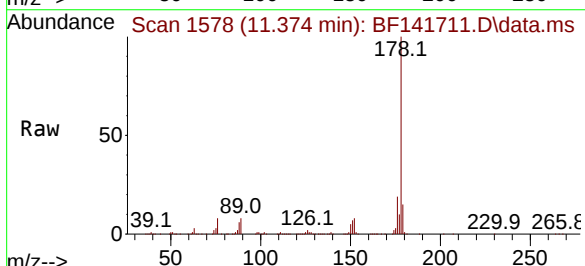
Tgt Ion:178 Resp: 845901

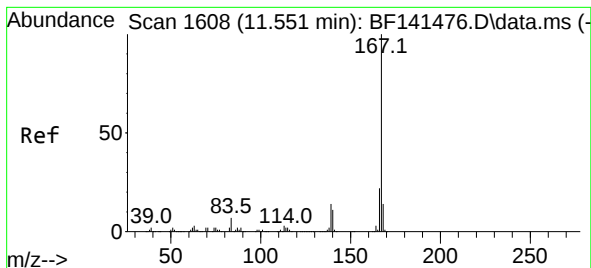
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.537 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

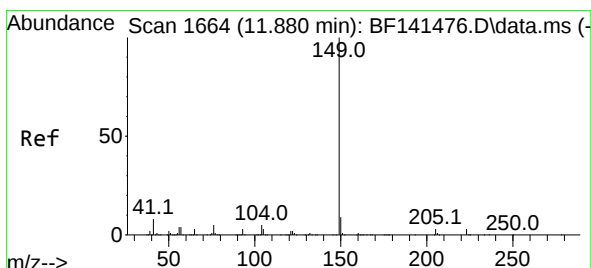
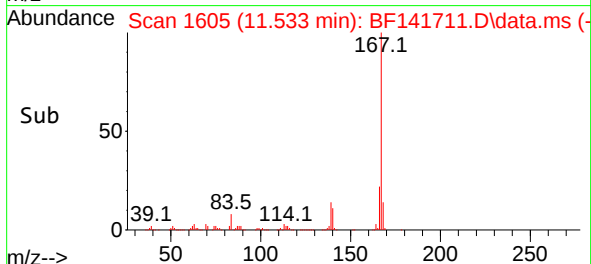
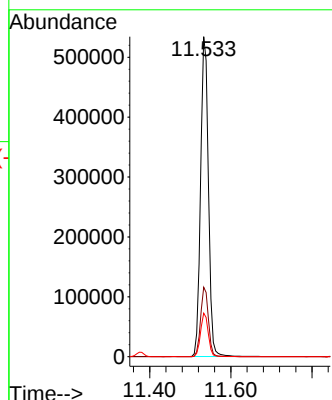
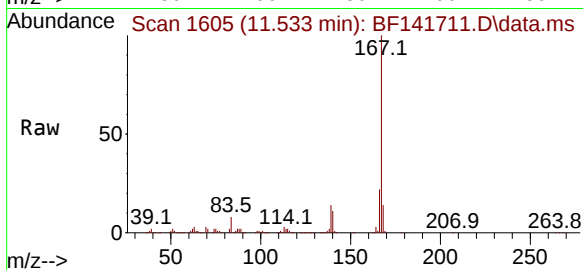
Tgt Ion:167 Resp: 715258

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.829 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

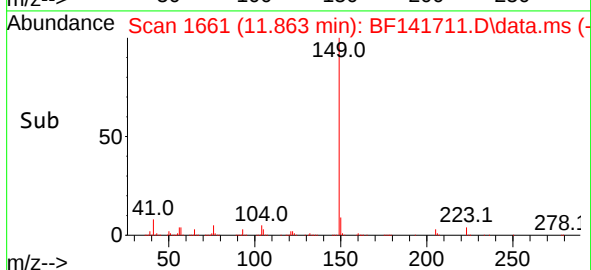
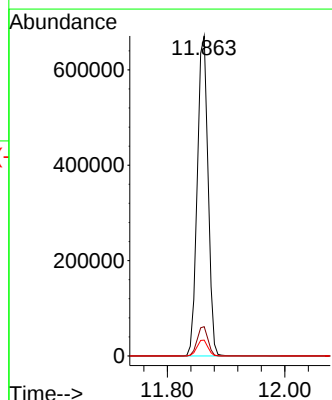
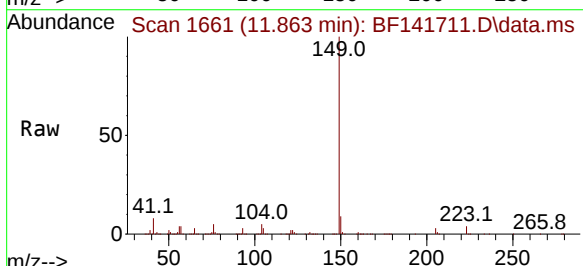
Tgt Ion:149 Resp: 850392

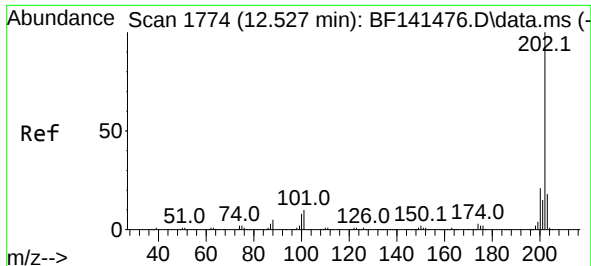
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.9 4.2 6.2

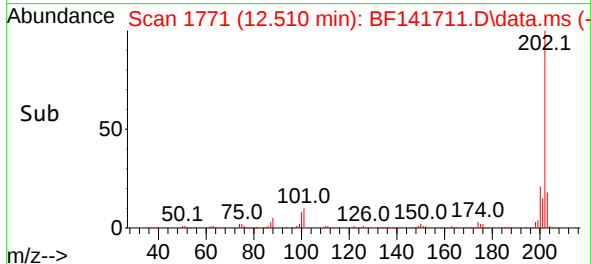
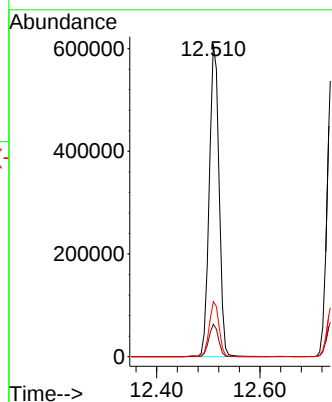
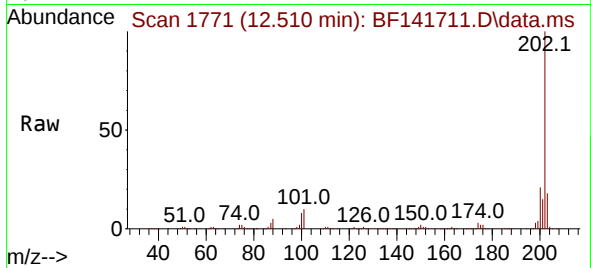




#75
Fluoranthene
Concen: 41.501 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

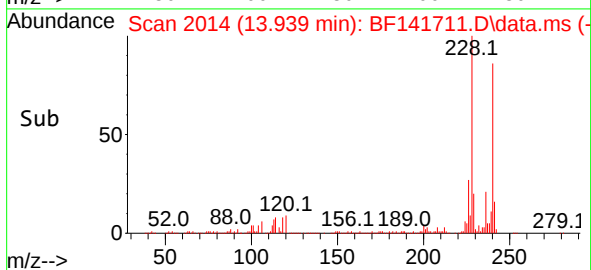
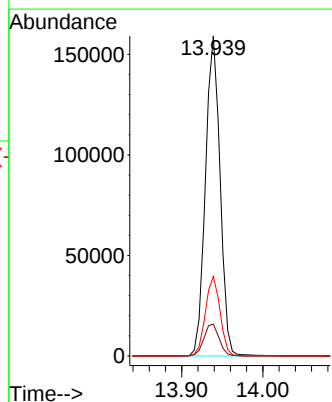
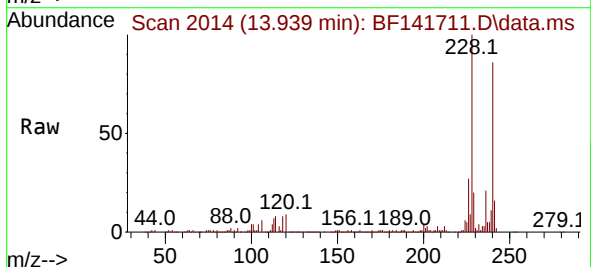
Instrument :
BNA_F
ClientSampleId :
PB166801BS

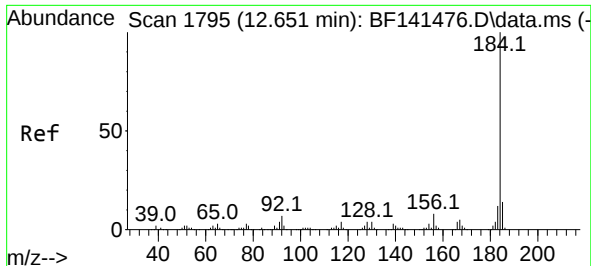
Tgt Ion:202 Resp: 799163
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

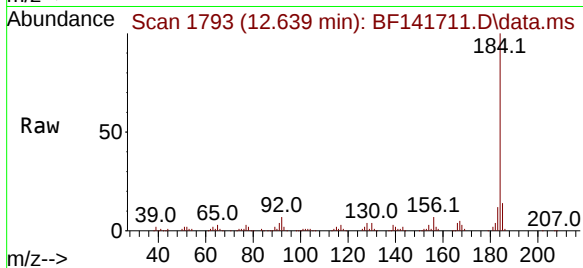
Tgt Ion:240 Resp: 198795
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.8 19.8 29.8



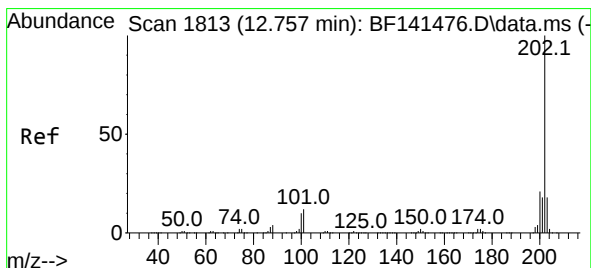
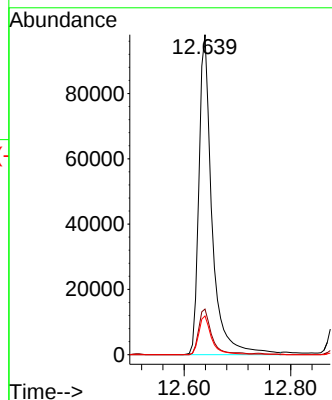
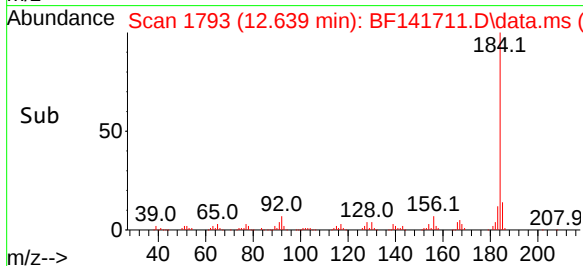


#77
Benzidine
Concen: 38.352 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

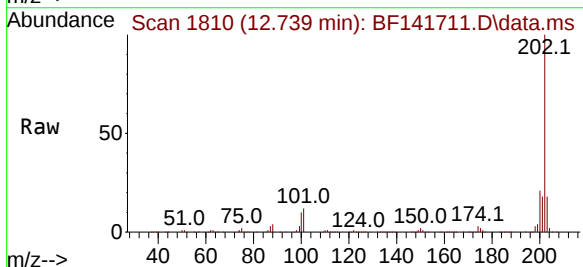
Instrument :
BNA_F
ClientSampleId :
PB166801BS



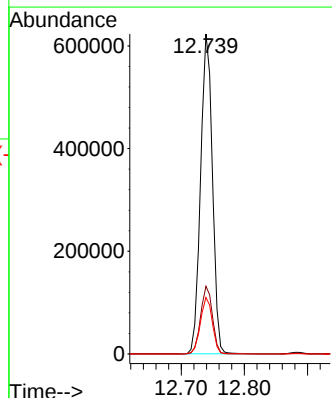
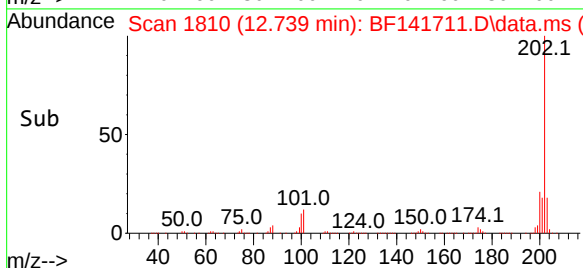
Tgt Ion:184 Resp: 168147
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 47.814 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44



Tgt Ion:202 Resp: 809146
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 103.476 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

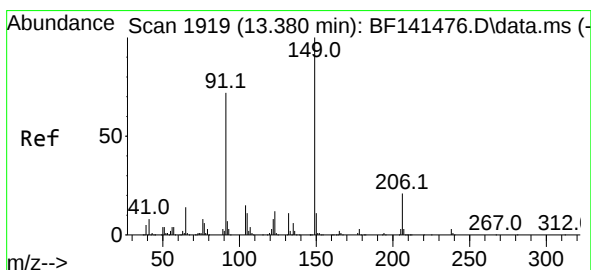
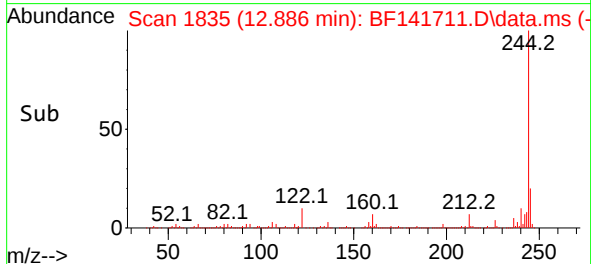
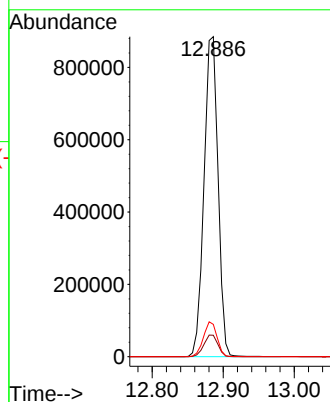
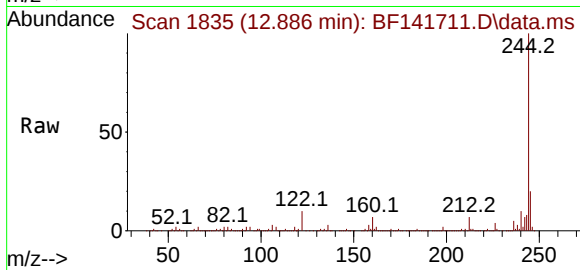
Tgt Ion:244 Resp: 1218510

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.1 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.939 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

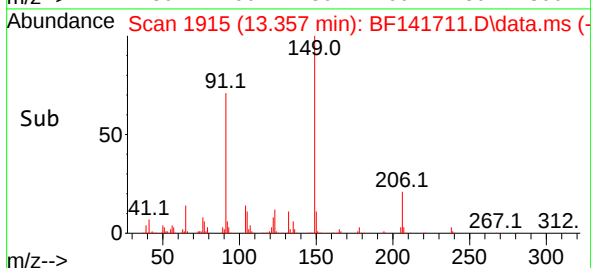
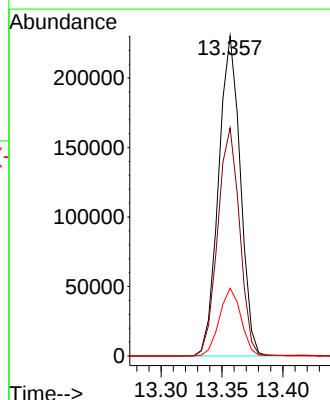
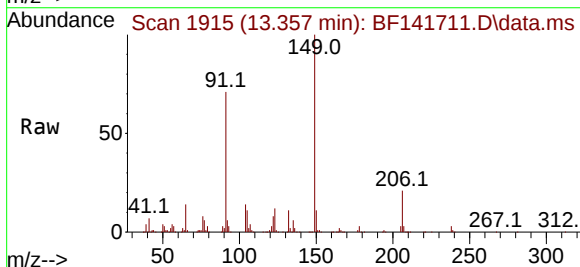
Tgt Ion:149 Resp: 286862

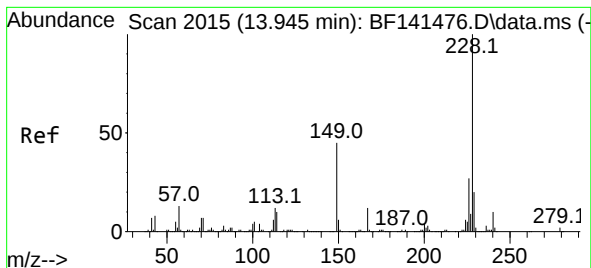
Ion Ratio Lower Upper

149 100

91 71.3 57.8 86.8

206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.475 ng

RT: 13.927 min Scan# 2015

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

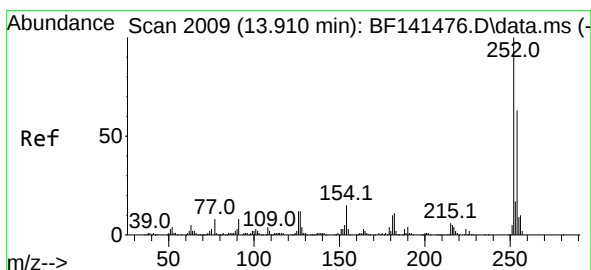
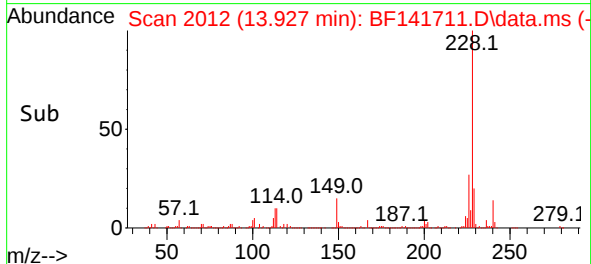
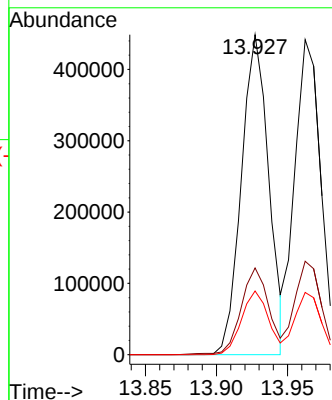
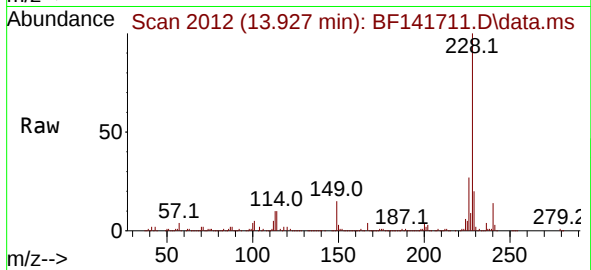
Tgt Ion:228 Resp: 600939

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.981 ng

RT: 13.892 min Scan# 2006

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

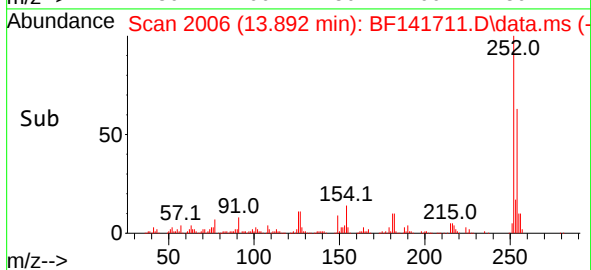
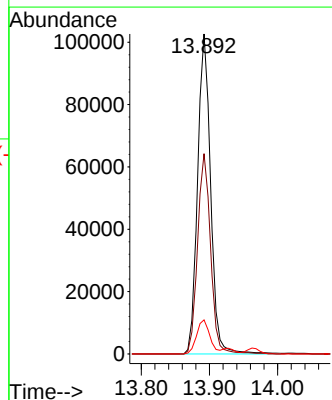
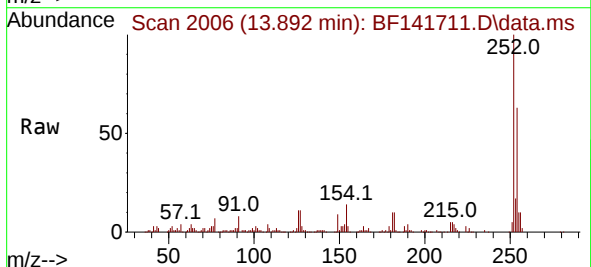
Tgt Ion:252 Resp: 136201

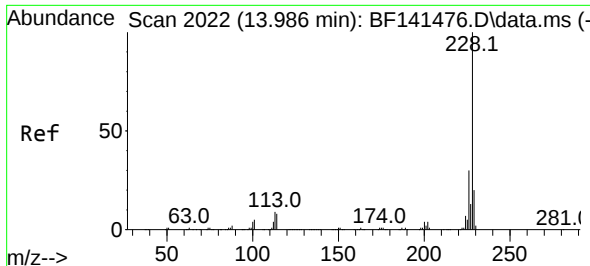
Ion Ratio Lower Upper

252 100

254 62.6 50.6 76.0

126 10.7 9.3 13.9





#83

Chrysene

Concen: 46.225 ng

RT: 13.962 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

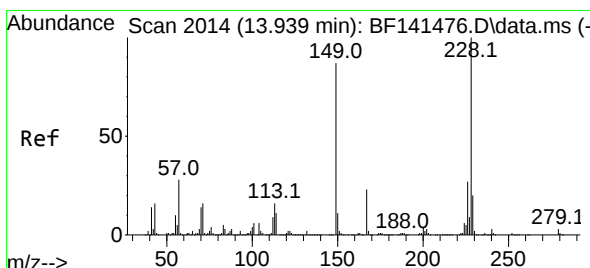
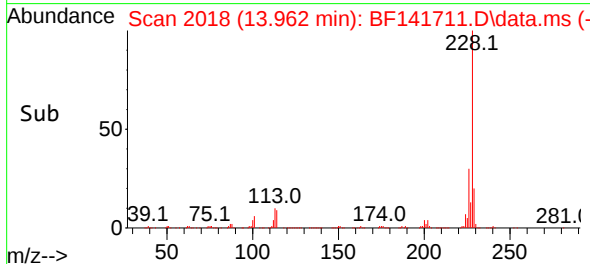
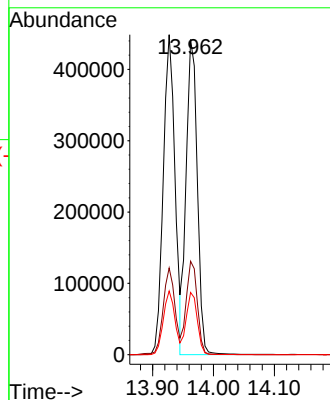
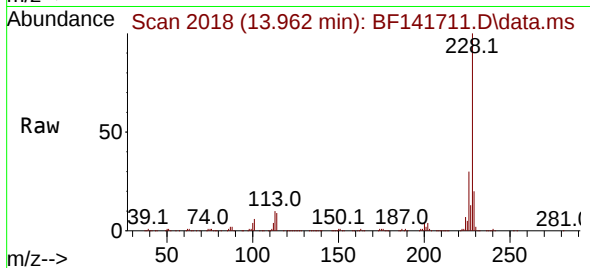
Tgt Ion:228 Resp: 564019

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.483 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

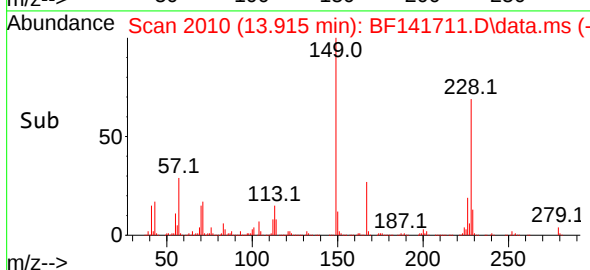
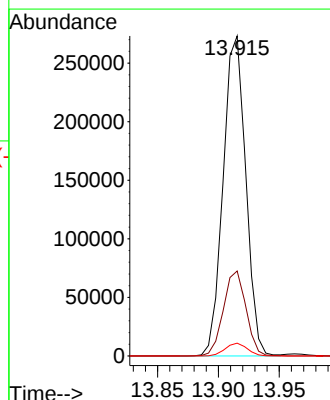
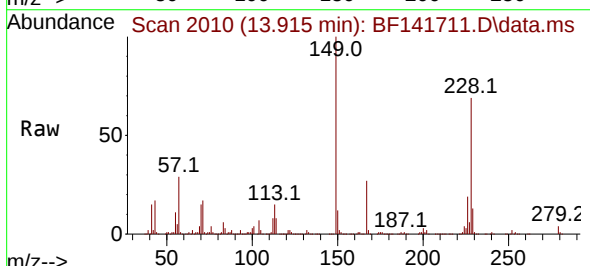
Tgt Ion:149 Resp: 353572

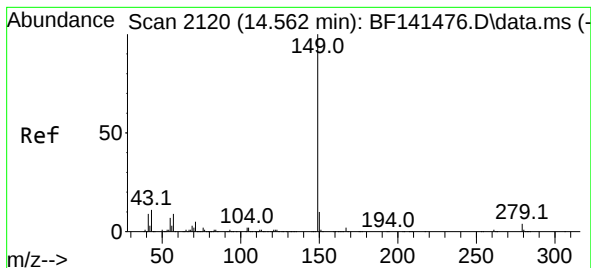
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 55.678 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

Instrument :

BNA_F

ClientSampleId :

PB166801BS

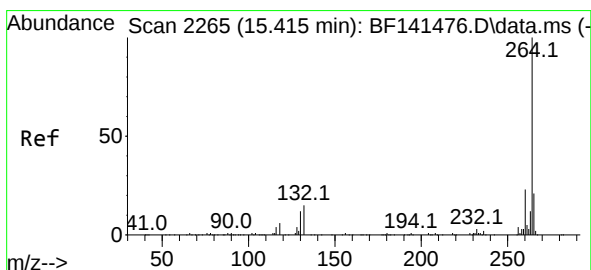
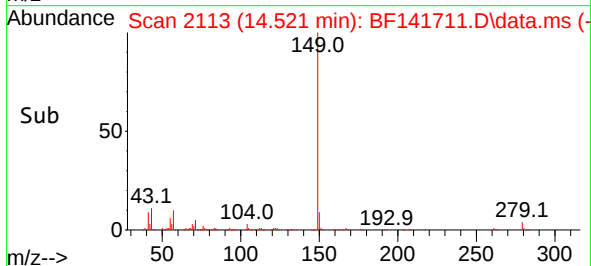
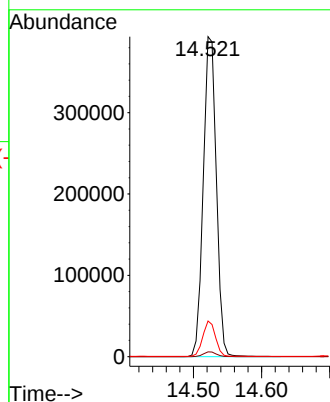
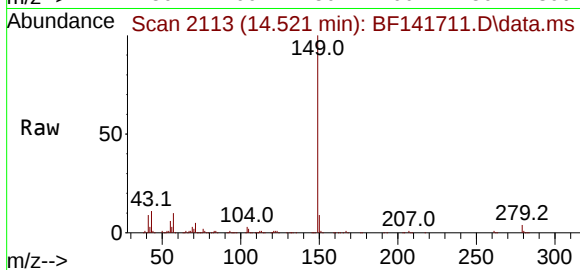
Tgt Ion:149 Resp: 525103

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.041 min

Lab File: BF141711.D

Acq: 21 Feb 2025 10:44

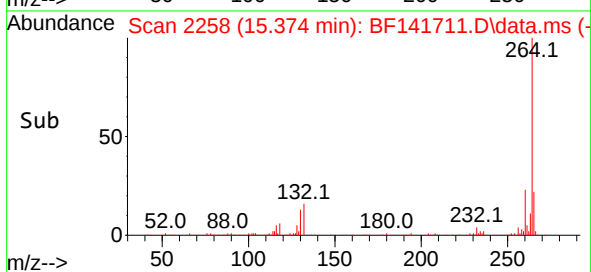
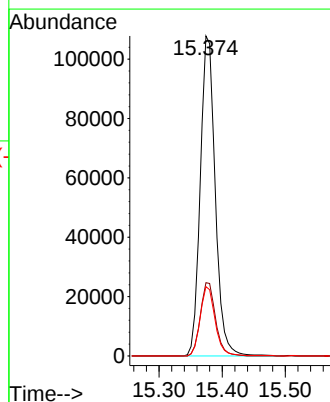
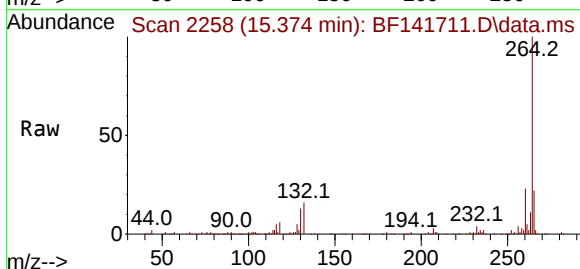
Tgt Ion:264 Resp: 177142

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.6 17.0 25.4

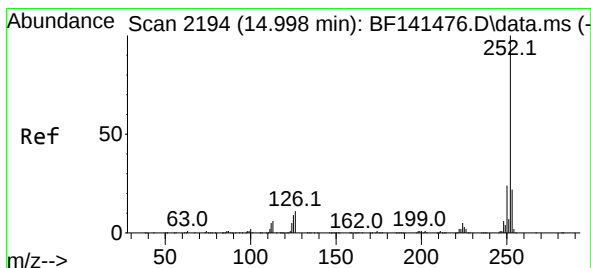
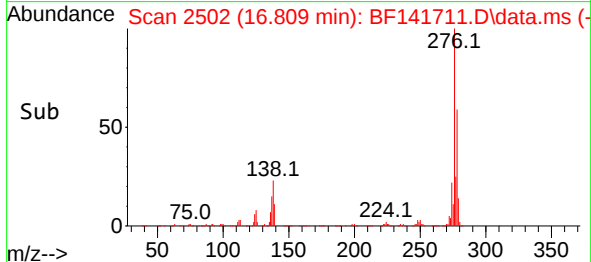
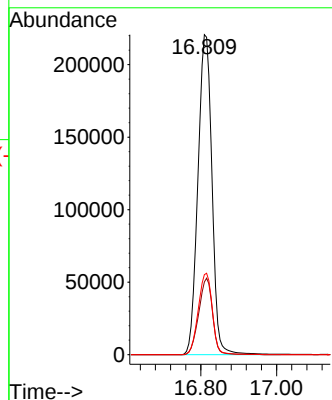
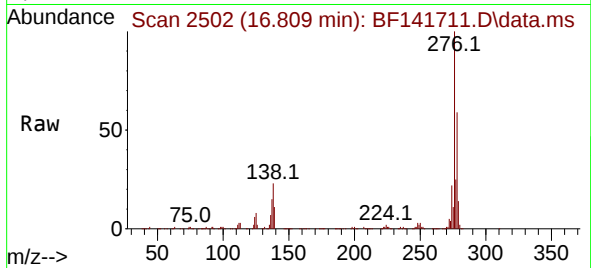




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.059 ng
RT: 16.809 min Scan# 2180
Delta R.T. -0.065 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

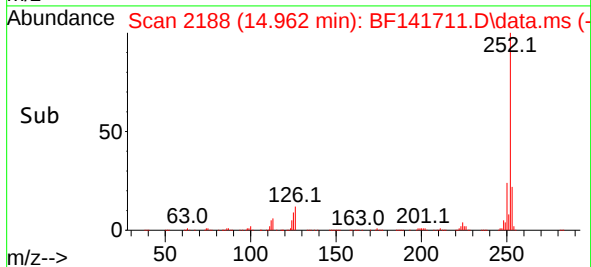
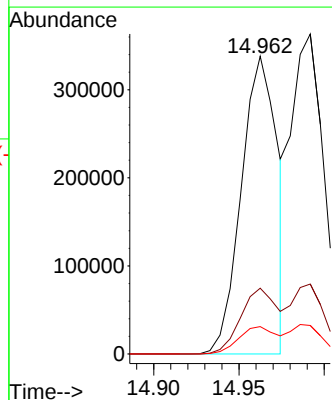
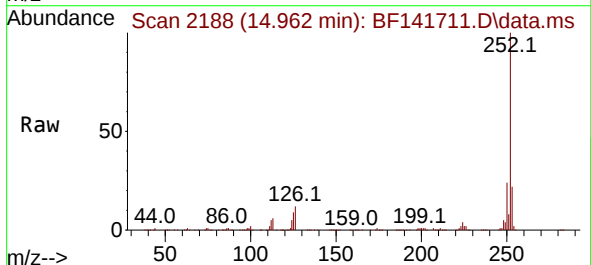
Instrument :
BNA_F
ClientSampleId :
PB166801BS

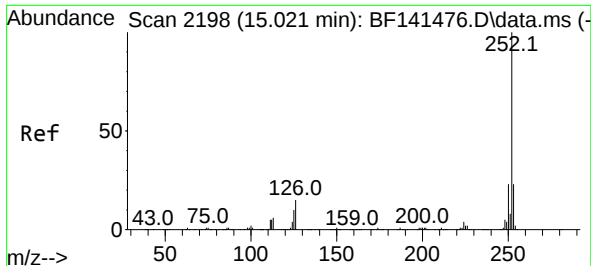
Tgt Ion:276 Resp: 569812
Ion Ratio Lower Upper
276 100
138 23.4 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.834 ng
RT: 14.962 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:252 Resp: 497589
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.2 7.0 10.6

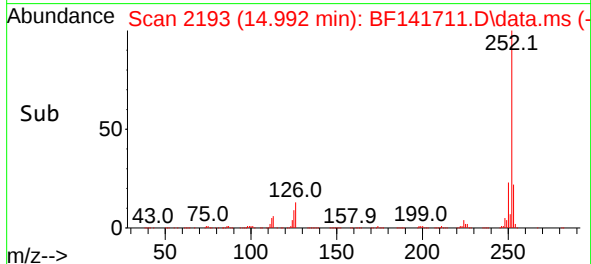
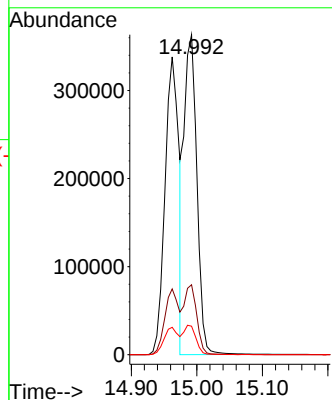
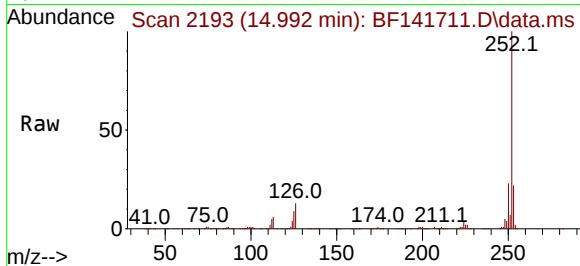




#89
Benzo(k)fluoranthene
Concen: 48.462 ng
RT: 14.992 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

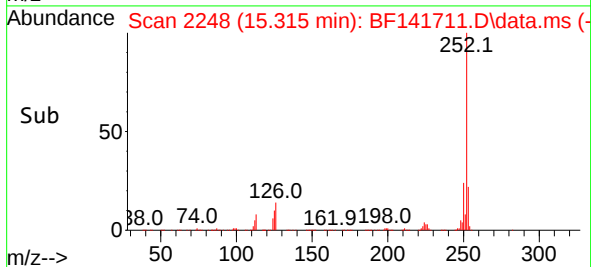
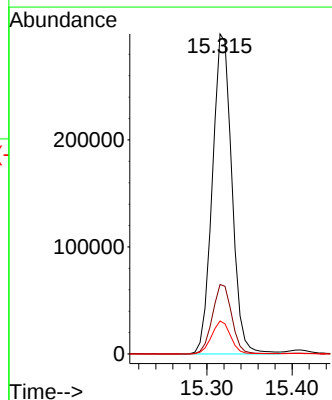
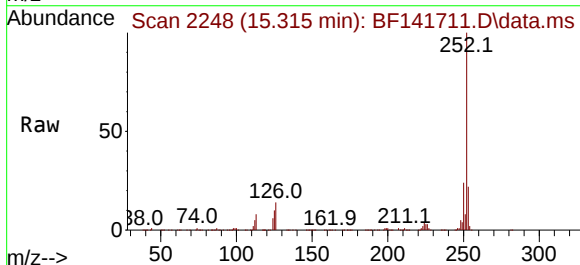
Instrument :
BNA_F
ClientSampleId :
PB166801BS

Tgt Ion:252 Resp: 492205
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.439 ng
RT: 15.315 min Scan# 2248
Delta R.T. -0.047 min
Lab File: BF141711.D
Acq: 21 Feb 2025 10:44

Tgt Ion:252 Resp: 475818
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.3 7.4 11.2

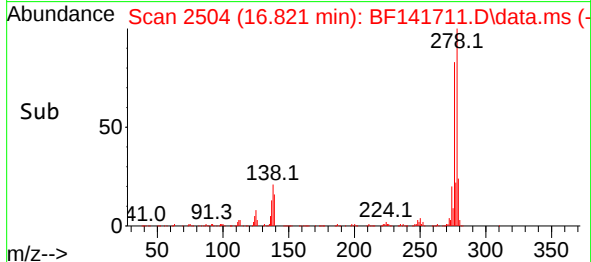
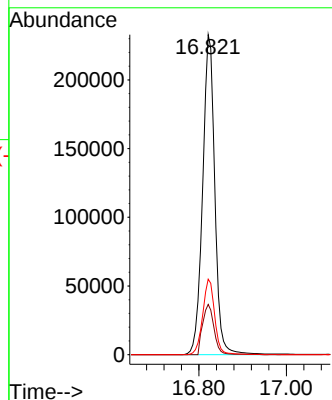
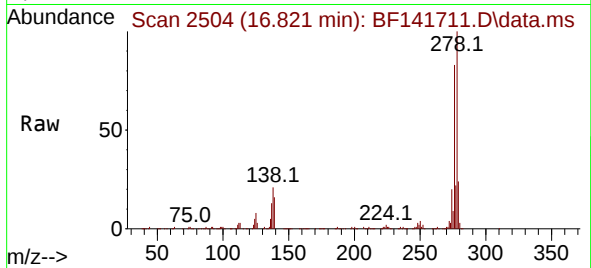




#91
 Dibenzo(a,h)anthracene
 Concen: 51.099 ng
 RT: 16.821 min Scan# 21
 Delta R.T. -0.071 min
 Lab File: BF141711.D
 Acq: 21 Feb 2025 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB166801BS

Tgt Ion:278 Resp: 453192
 Ion Ratio Lower Upper
 278 100
 139 15.7 11.8 17.6
 279 23.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 47.851 ng
 RT: 17.239 min Scan# 2575
 Delta R.T. -0.076 min
 Lab File: BF141711.D
 Acq: 21 Feb 2025 10:44

Tgt Ion:276 Resp: 444108
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.6 28.0
 138 20.1 15.9 23.9

