

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141777.D
 Acq On : 26 Feb 2025 12:19
 Operator : RC/JU
 Sample : PB166853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

Quant Time: Feb 26 12:40:36 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	81688	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	331787	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	180365	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	319305	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	191917	20.000	ng	-0.02
86) Perylene-d12	15.386	264	177241	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	716848	137.576	ng	0.00
7) Phenol-d6	6.428	99	865294	131.390	ng	-0.01
23) Nitrobenzene-d5	7.351	82	558919	87.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	262131	144.676	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1122463	95.879	ng	-0.01
79) Terphenyl-d14	12.886	244	1319483	116.067	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	86876	41.426	ng	94
3) Pyridine	3.304	79	204895	41.058	ng	91
4) n-Nitrosodimethylamine	3.252	42	121475	36.762	ng	87
6) Aniline	6.445	93	218407	35.354	ng	# 73
8) 2-Chlorophenol	6.575	128	257670	45.766	ng	97
9) Benzaldehyde	6.334	77	100149	28.617	ng	97
10) Phenol	6.445	94	297590	43.416	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	236565	45.949	ng	97
12) 1,3-Dichlorobenzene	6.722	146	268531	45.177	ng	97
13) 1,4-Dichlorobenzene	6.798	146	269542	44.384	ng	99
14) 1,2-Dichlorobenzene	6.951	146	260378	46.195	ng	99
15) Benzyl Alcohol	6.928	79	214872	42.547	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	344765	39.119	ng	61
17) 2-Methylphenol	7.051	107	195576	44.389	ng	94
18) Hexachloroethane	7.287	117	100289	44.622	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	171908	43.639	ng	91
20) 3+4-Methylphenols	7.204	107	257970	46.071	ng	# 75
22) Acetophenone	7.192	105	390944	47.368	ng	# 91
24) Nitrobenzene	7.369	77	259378	41.815	ng	96
25) Isophorone	7.604	82	462376	45.587	ng	98
26) 2-Nitrophenol	7.681	139	138079	44.743	ng	92
27) 2,4-Dimethylphenol	7.728	122	201881	55.997	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	290160	44.645	ng	100
29) 2,4-Dichlorophenol	7.934	162	216937	44.535	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	233773	44.071	ng	99
31) Naphthalene	8.086	128	740758	42.891	ng	99
32) Benzoic acid	7.875	122	136752	36.518	ng	97
33) 4-Chloroaniline	8.139	127	134615	22.325	ng	97
34) Hexachlorobutadiene	8.198	225	142354	44.702	ng	99
35) Caprolactam	8.516	113	49117	33.117	ng	# 83
36) 4-Chloro-3-methylphenol	8.633	107	234899	43.534	ng	100
37) 2-Methylnaphthalene	8.775	142	471459	41.950	ng	99
38) 1-Methylnaphthalene	8.875	142	460135	42.273	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	261645	50.141	ng	98
41) Hexachlorocyclopentadiene	8.928	237	221790	127.788	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	150125	44.513	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141777.D
 Acq On : 26 Feb 2025 12:19
 Operator : RC/JU
 Sample : PB166853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

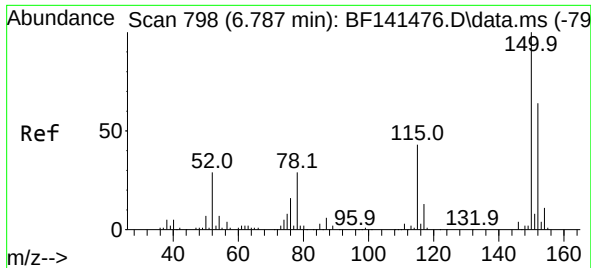
Quant Time: Feb 26 12:40:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	162948	44.581	ng	97
46) 1,1'-Biphenyl	9.239	154	686888	49.122	ng	99
47) 2-Chloronaphthalene	9.263	162	470296	45.482	ng	99
48) 2-Nitroaniline	9.369	65	146947	42.345	ng	89
49) Acenaphthylene	9.681	152	721764	46.929	ng	99
50) Dimethylphthalate	9.539	163	571666	46.687	ng	99
51) 2,6-Dinitrotoluene	9.610	165	125505	46.887	ng	92
52) Acenaphthene	9.851	154	448107	43.338	ng	99
53) 3-Nitroaniline	9.780	138	78775	27.343	ng	98
54) 2,4-Dinitrophenol	9.898	184	144884	91.073	ng	86
55) Dibenzofuran	10.022	168	650259	42.845	ng	98
56) 4-Nitrophenol	9.963	139	165178	77.235	ng	92
57) 2,4-Dinitrotoluene	10.016	165	167288	46.946	ng	99
58) Fluorene	10.369	166	534517	45.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	141879	45.087	ng	94
60) Diethylphthalate	10.239	149	555522	46.112	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	264126	46.786	ng	97
62) 4-Nitroaniline	10.398	138	129151	44.149	ng	93
63) Azobenzene	10.516	77	510011	42.585	ng	95
65) 4,6-Dinitro-2-methylph...	10.428	198	96796	43.640	ng	90
66) n-Nitrosodiphenylamine	10.480	169	466927	45.682	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	167414	46.912	ng	99
68) Hexachlorobenzene	10.916	284	174013	47.354	ng	98
69) Atrazine	11.010	200	183372	59.801	ng	99
70) Pentachlorophenol	11.116	266	172467	73.399	ng	100
71) Phenanthrene	11.327	178	795359	45.252	ng	100
72) Anthracene	11.380	178	834948	47.256	ng	100
73) Carbazole	11.539	167	713496	44.880	ng	99
74) Di-n-butylphthalate	11.863	149	878298	47.846	ng	99
75) Fluoranthene	12.516	202	832656	44.684	ng	99
77) Benzidine	12.639	184	212949	50.312	ng	99
78) Pyrene	12.745	202	829507	50.774	ng	99
80) Butylbenzylphthalate	13.357	149	311733	55.088	ng	98
81) Benzo(a)anthracene	13.933	228	616649	48.337	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123372	33.760	ng	98
83) Chrysene	13.968	228	555284	47.140	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	394616	61.830	ng	100
85) Di-n-octyl phthalate	14.527	149	565858	62.150	ng	96
87) Indeno(1,2,3-cd)pyrene	16.827	276	565885	51.672	ng	99
88) Benzo(b)fluoranthene	14.968	252	481397	40.451	ng	99
89) Benzo(k)fluoranthene	14.998	252	411471	40.490	ng	99
90) Benzo(a)pyrene	15.327	252	468144	48.614	ng	98
91) Dibenzo(a,h)anthracene	16.839	278	461450	52.001	ng	99
92) Benzo(g,h,i)perylene	17.262	276	439909	47.372	ng	100

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

Quant Time: Feb 26 12:40:36 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

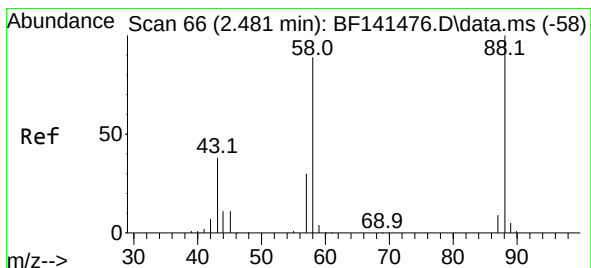
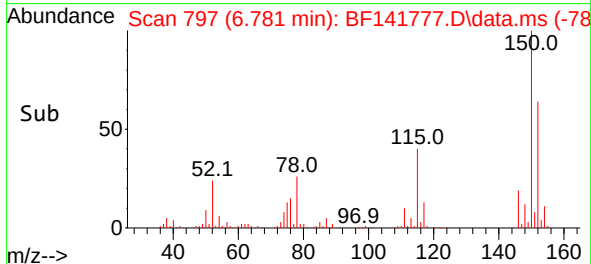
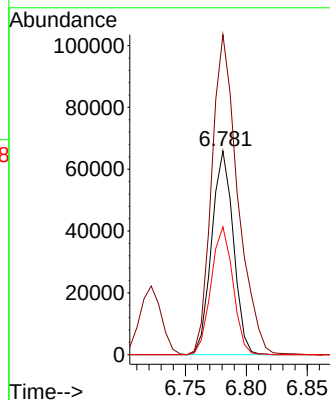
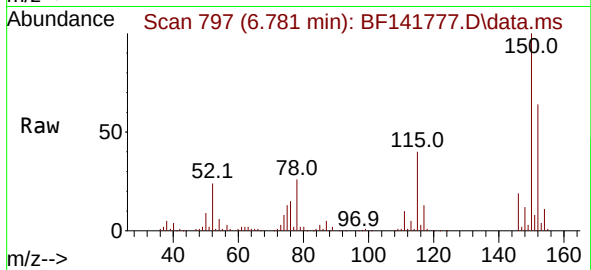




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

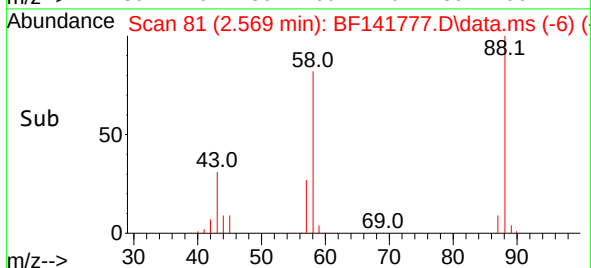
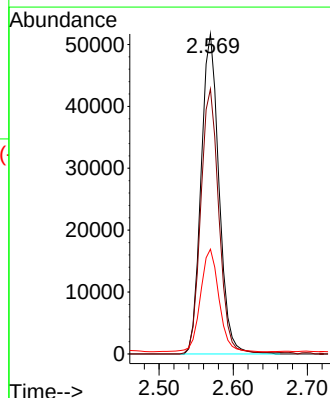
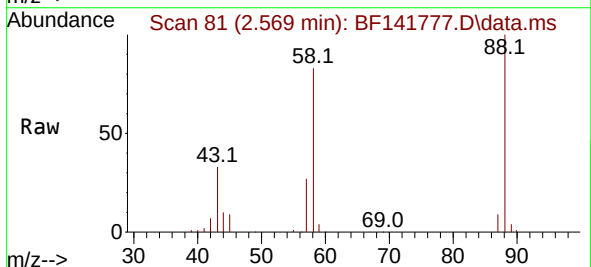
Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

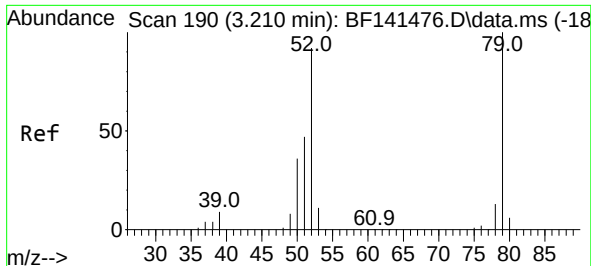
Tgt Ion:152 Resp: 81688
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 62.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.426 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.088 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

Tgt Ion: 88 Resp: 86876
 Ion Ratio Lower Upper
 88 100
 58 83.8 71.1 106.7
 43 33.1 30.6 46.0

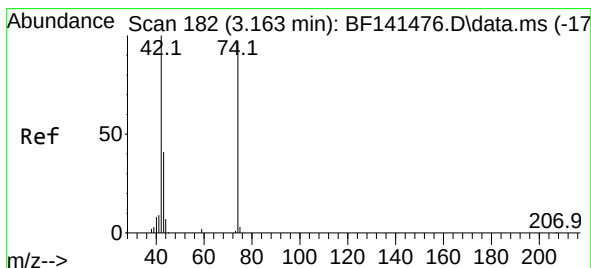
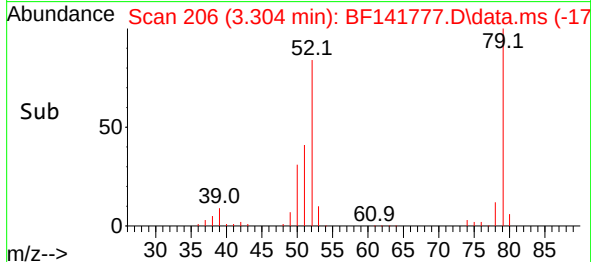
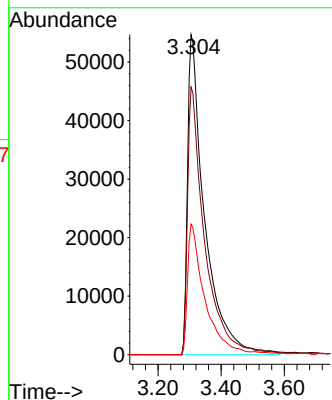
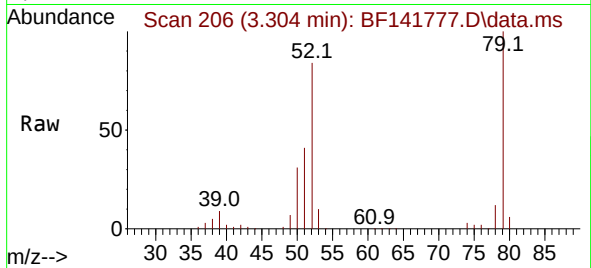




#3
Pyridine
Concen: 41.058 ng
RT: 3.304 min Scan# 206
Delta R.T. 0.088 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

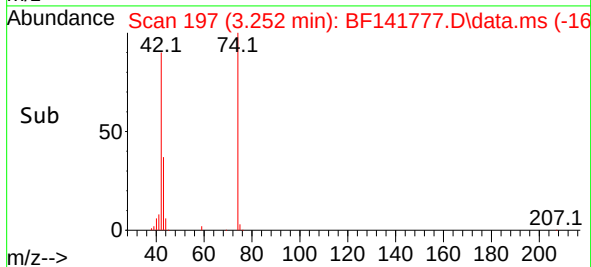
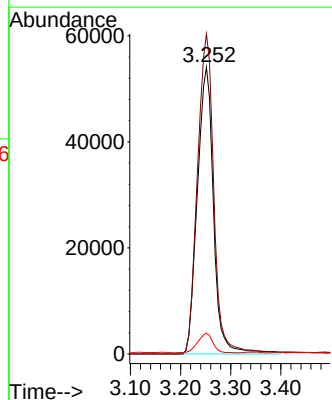
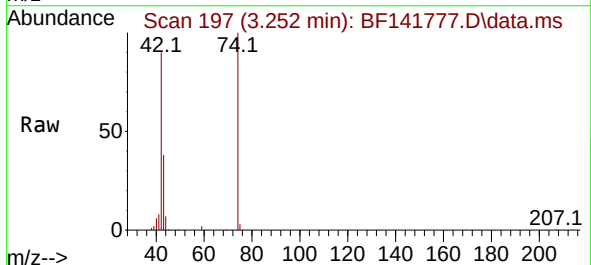
Instrument :
BNA_F
ClientSampleId :
PB166853BS

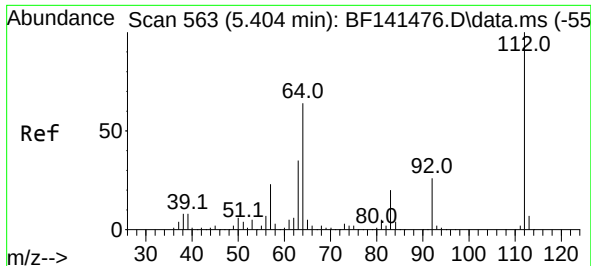
Tgt Ion: 79 Resp: 204895
Ion Ratio Lower Upper
79 100
52 83.6 73.7 110.5
51 40.8 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 36.762 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.065 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 42 Resp: 121475
Ion Ratio Lower Upper
42 100
74 111.5 78.0 117.0
44 7.3 5.4 8.2

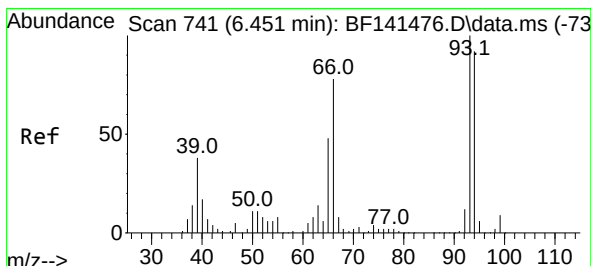
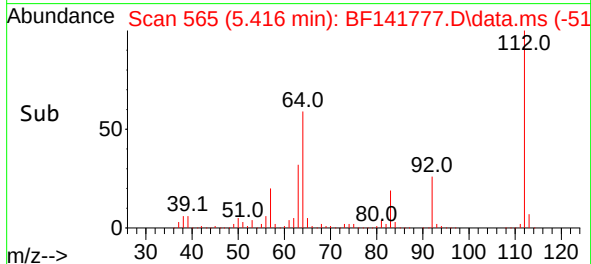
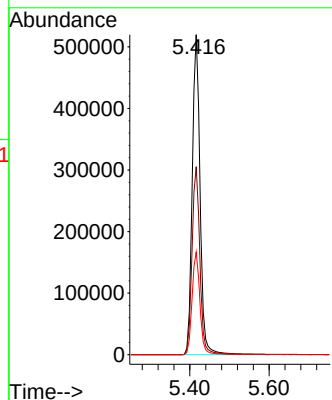
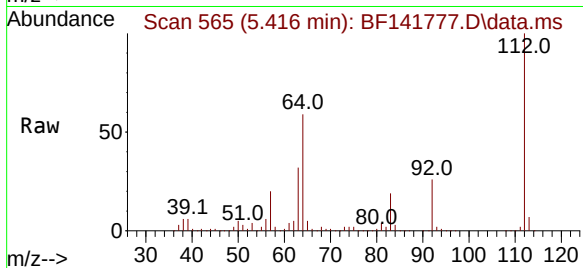




#5
2-Fluorophenol
Concen: 137.576 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

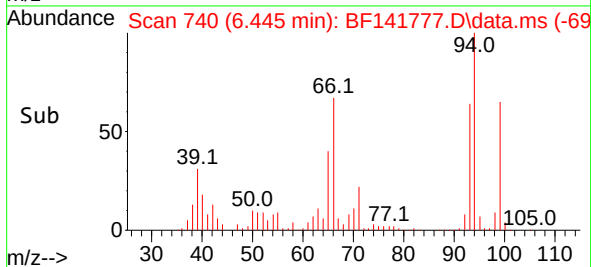
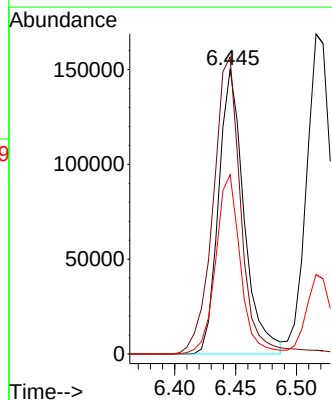
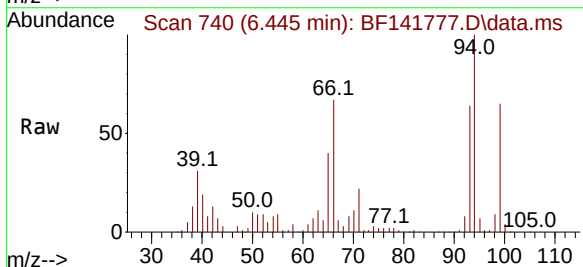
Instrument :
BNA_F
ClientSampleId :
PB166853BS

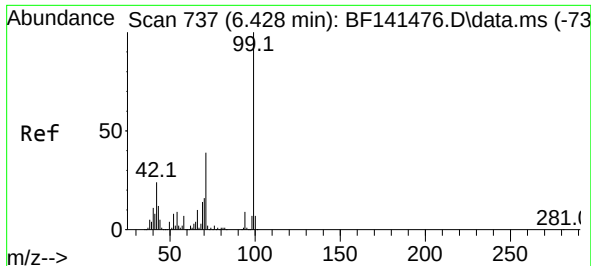
Tgt Ion:112 Resp: 716848
Ion Ratio Lower Upper
112 100
64 58.8 51.1 76.7
63 32.1 28.4 42.6



#6
Aniline
Concen: 35.354 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 93 Resp: 218407
Ion Ratio Lower Upper
93 100
66 104.4 62.6 94.0#
65 63.0 38.3 57.5#

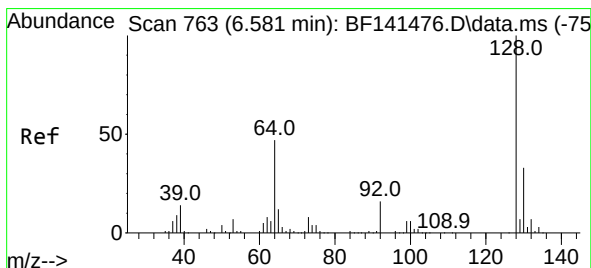
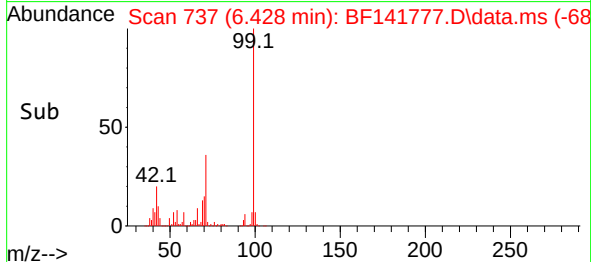
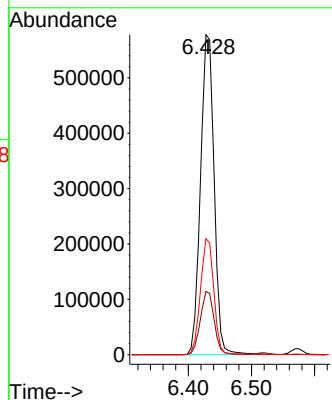
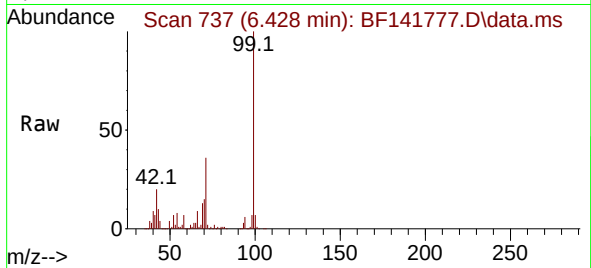




#7
Phenol-d6
Concen: 131.390 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

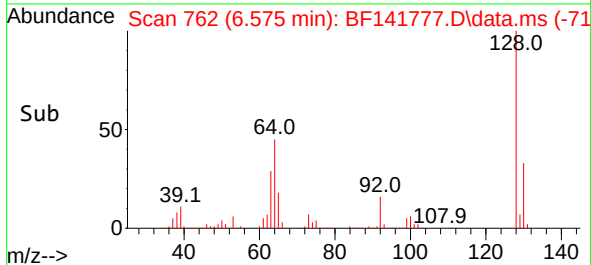
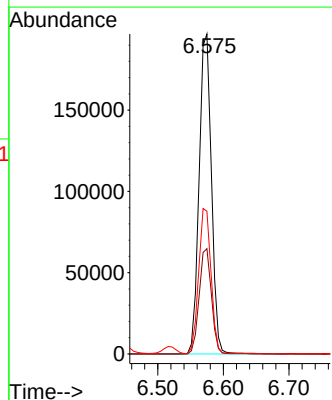
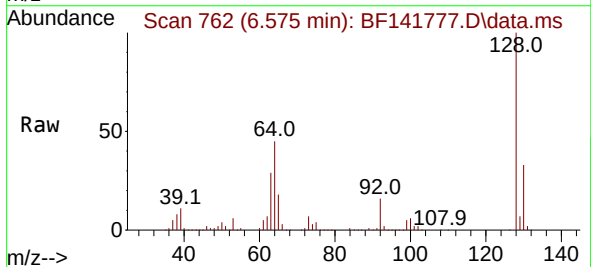
Instrument :
BNA_F
ClientSampleId :
PB166853BS

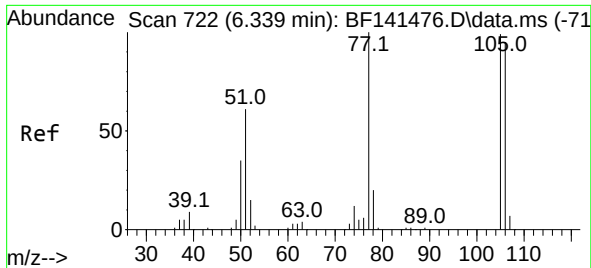
Tgt Ion: 99 Resp: 865294
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 36.3 31.1 46.7



#8
2-Chlorophenol
Concen: 45.766 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:128 Resp: 257670
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 44.6 28.3 68.3

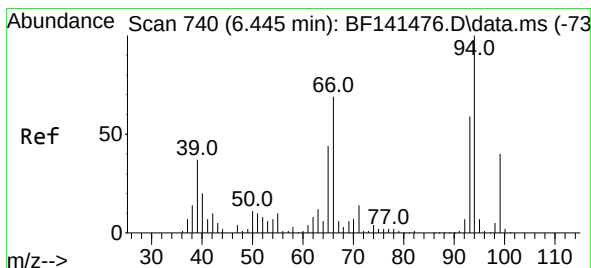
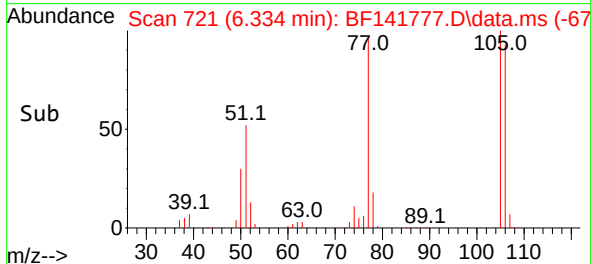
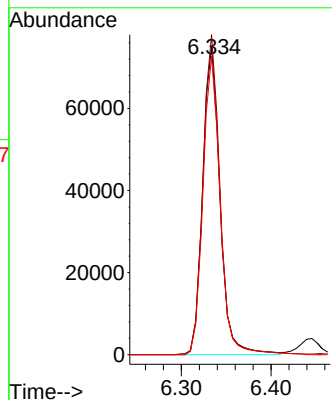
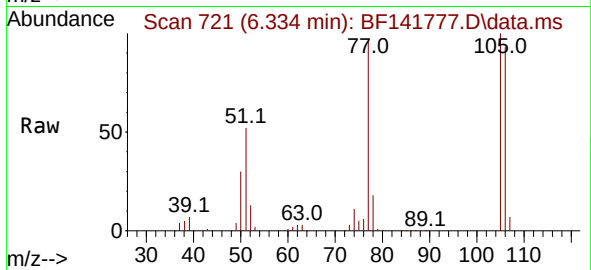




#9
Benzaldehyde
Concen: 28.617 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

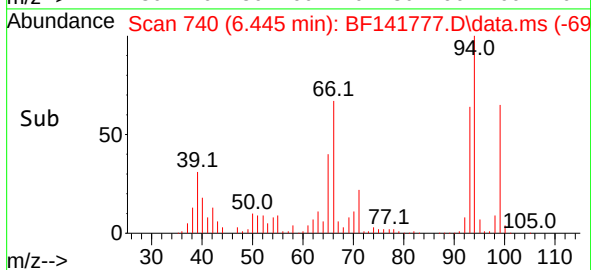
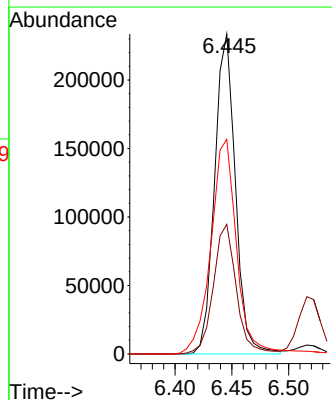
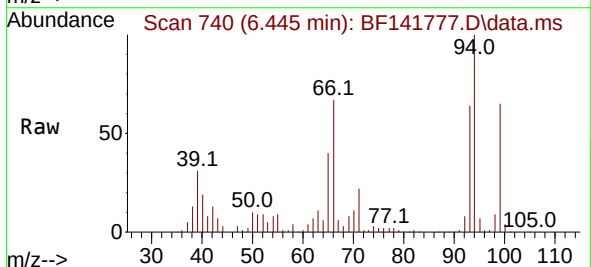
Instrument :
BNA_F
ClientSampleId :
PB166853BS

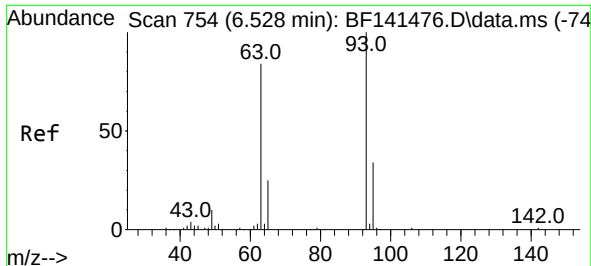
Tgt Ion: 77 Resp: 100149
Ion Ratio Lower Upper
77 100
105 103.7 79.4 119.4
106 96.6 75.1 115.1



#10
Phenol
Concen: 43.416 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 94 Resp: 297590
Ion Ratio Lower Upper
94 100
65 40.5 23.7 63.7
66 67.0 49.3 89.3

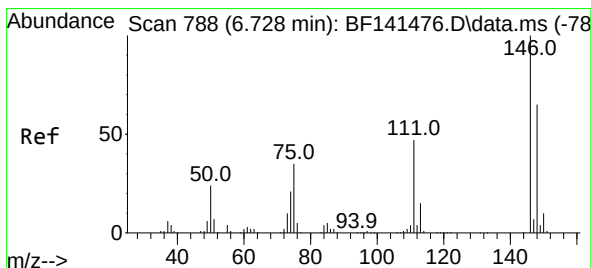
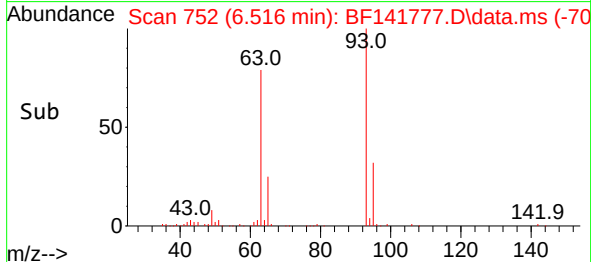
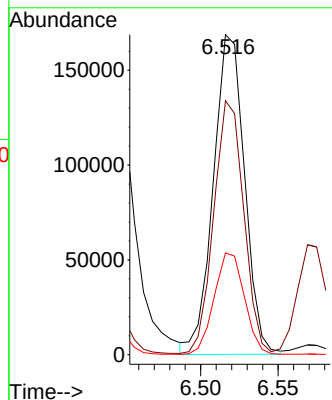
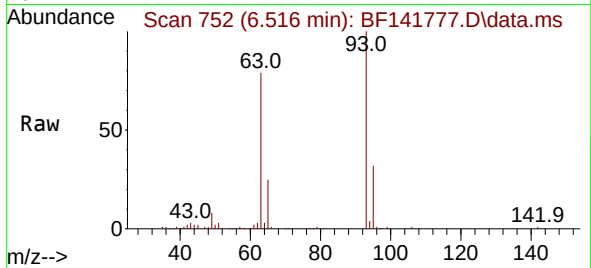




#11
bis(2-Chloroethyl)ether
Concen: 45.949 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

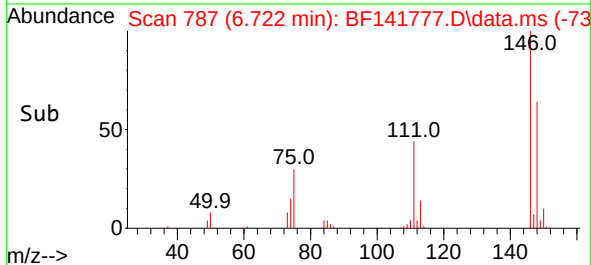
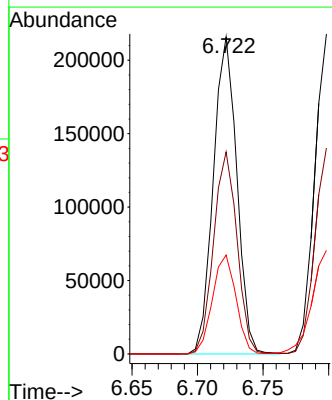
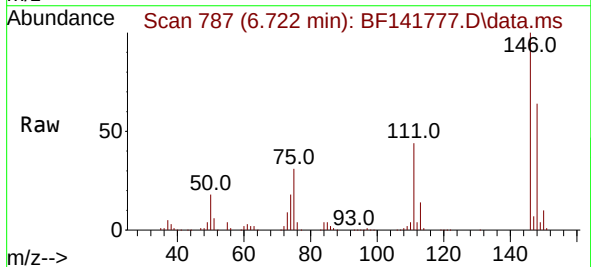
Instrument :
BNA_F
ClientSampleId :
PB166853BS

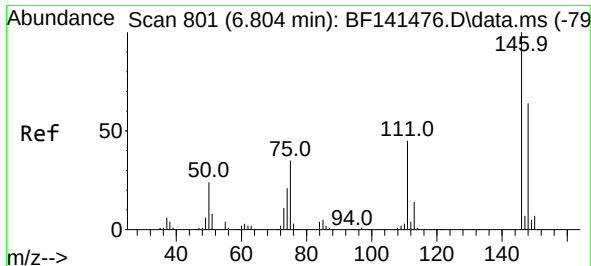
Tgt Ion: 93 Resp: 236565
Ion Ratio Lower Upper
93 100
63 79.3 62.0 102.0
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.177 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:146 Resp: 268531
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 31.2 28.2 42.2

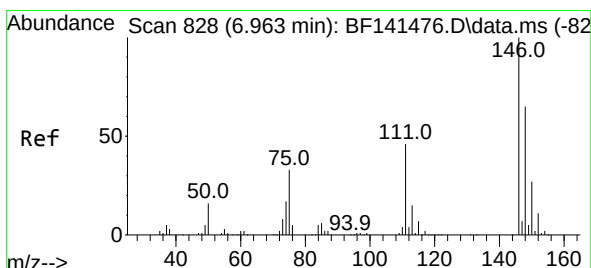
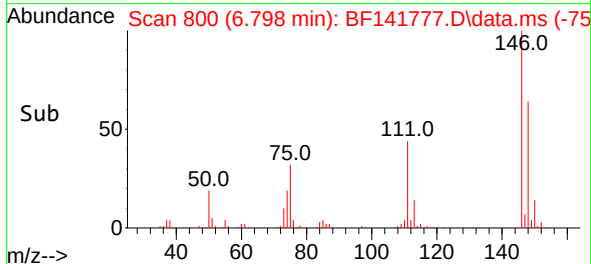
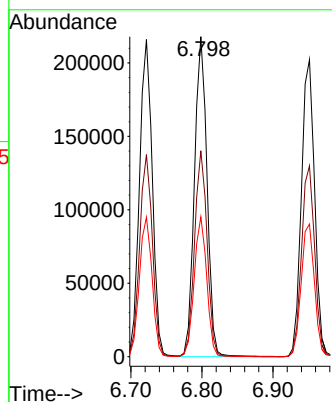
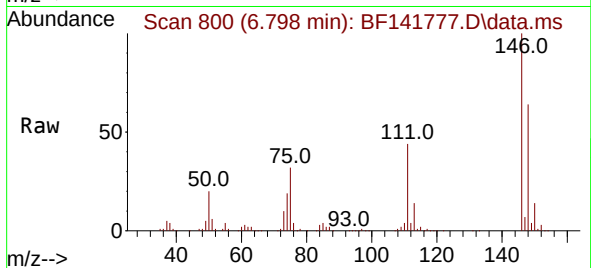




#13
1,4-Dichlorobenzene
Concen: 44.384 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

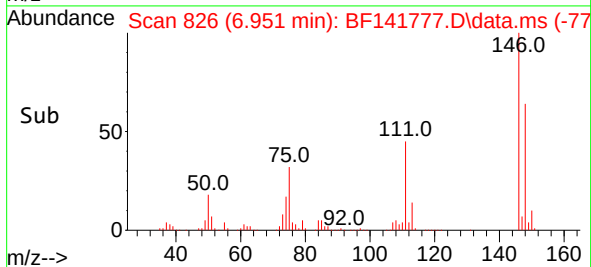
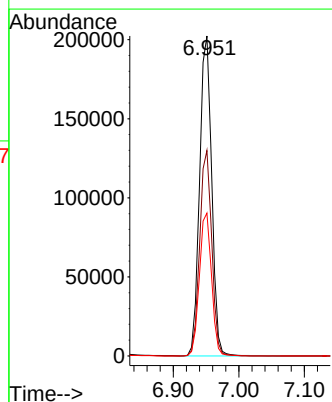
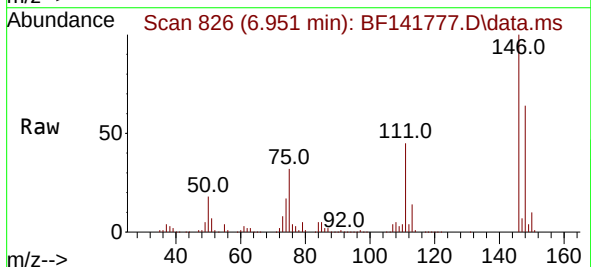
Instrument :
BNA_F
ClientSampleId :
PB166853BS

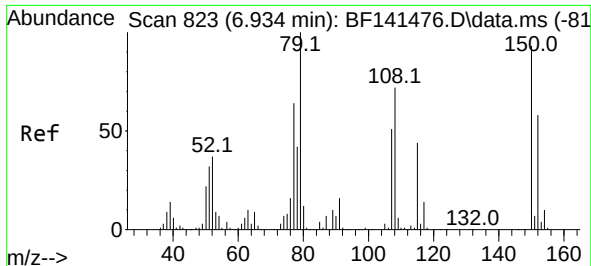
Tgt Ion:146 Resp: 269542
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 43.7 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 46.195 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:146 Resp: 260378
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
111 44.7 37.0 55.4

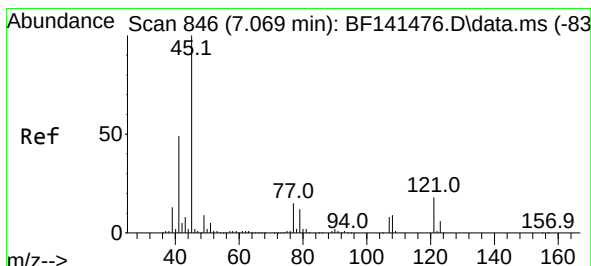
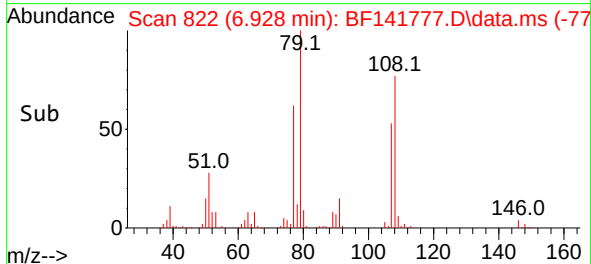
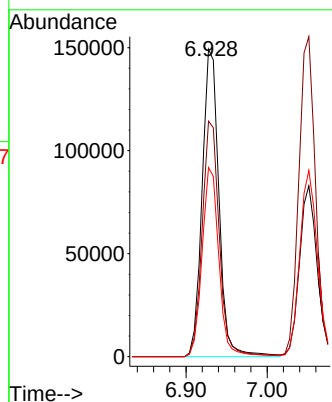
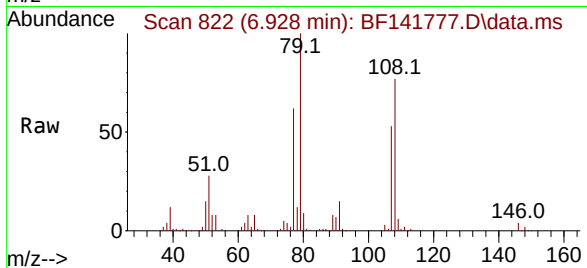




#15
Benzyl Alcohol
Concen: 42.547 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

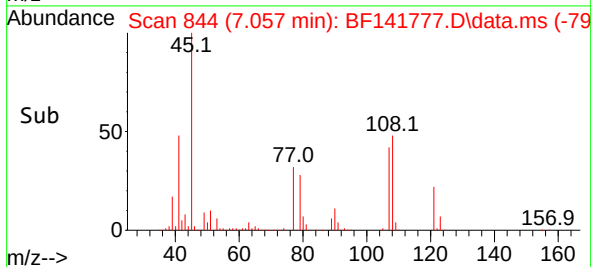
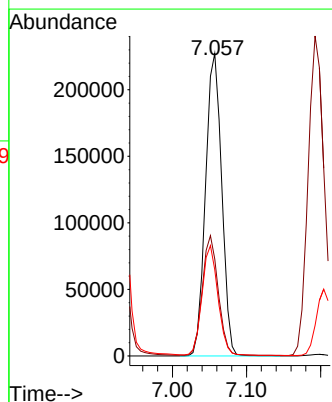
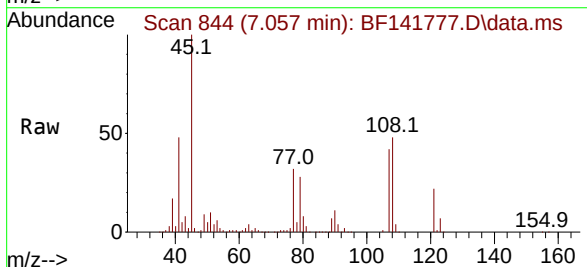
Instrument :
BNA_F
ClientSampleId :
PB166853BS

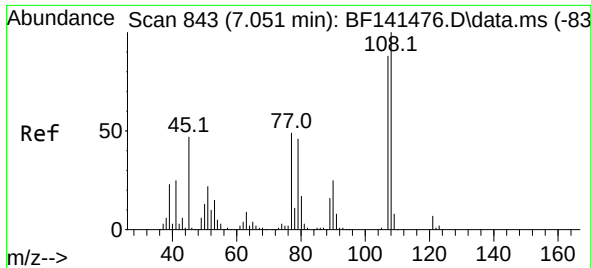
Tgt Ion: 79 Resp: 214872
Ion Ratio Lower Upper
79 100
108 76.6 57.4 86.2
77 61.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.119 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 45 Resp: 344765
Ion Ratio Lower Upper
45 100
77 32.1 0.0 35.8
79 28.5 0.0 32.7

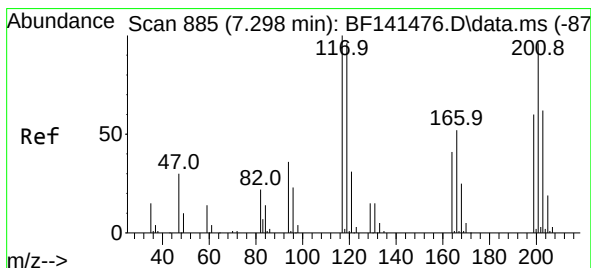
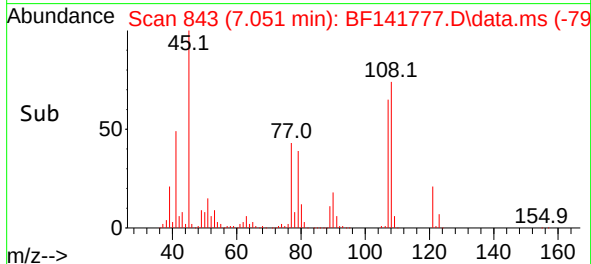
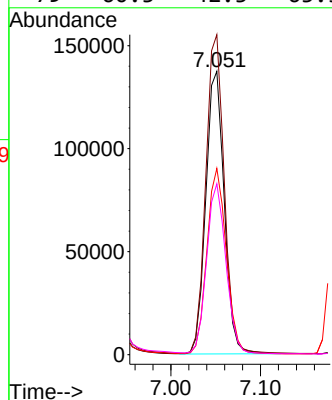
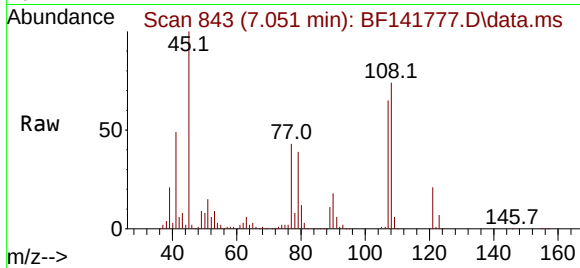




#17
2-Methylphenol
Concen: 44.389 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

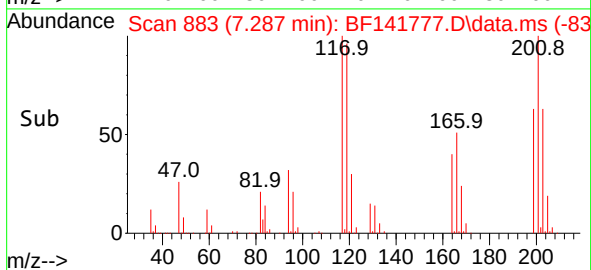
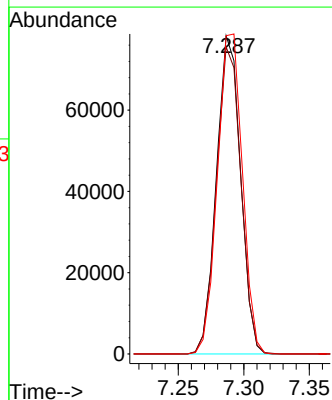
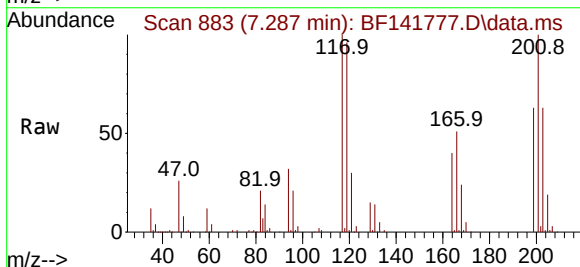
Instrument :
BNA_F
ClientSampleId :
PB166853BS

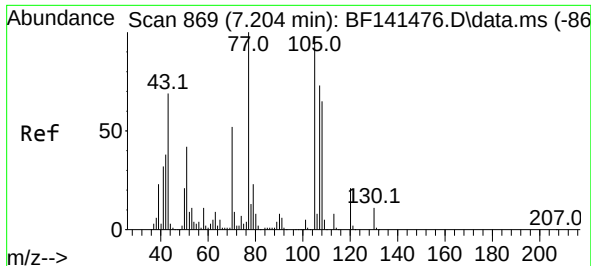
Tgt Ion:	107	Resp:	195576
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.6	136.0
77	65.7	44.4	66.6
79	60.3	42.3	63.5



#18
Hexachloroethane
Concen: 44.622 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:	117	Resp:	100289
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.5	114.7
201	100.0	76.7	115.1



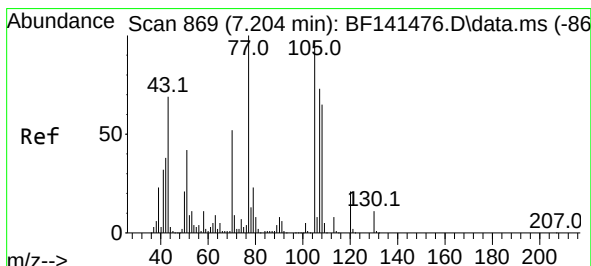
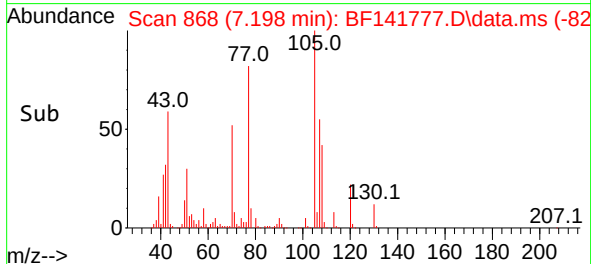
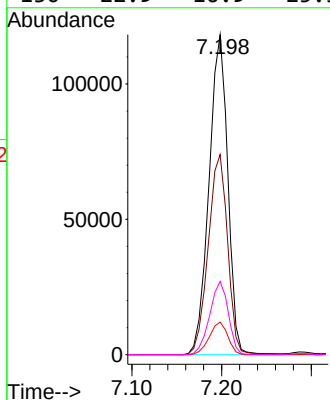
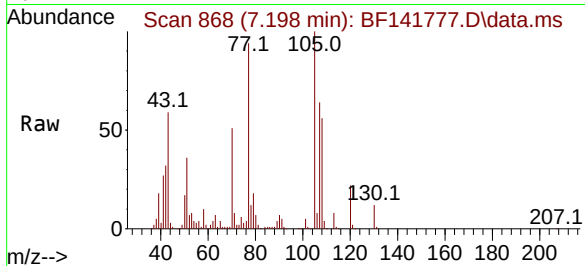


#19
n-Nitroso-di-n-propylamine
Concen: 43.639 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB166853BS

Tgt Ion: 70 Resp: 171908

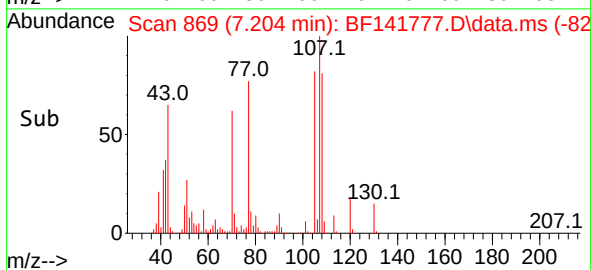
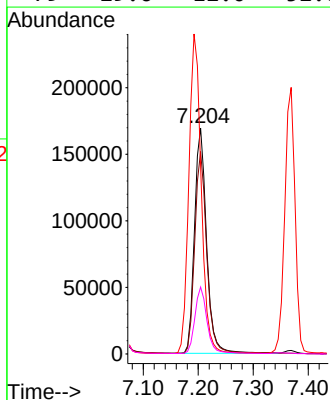
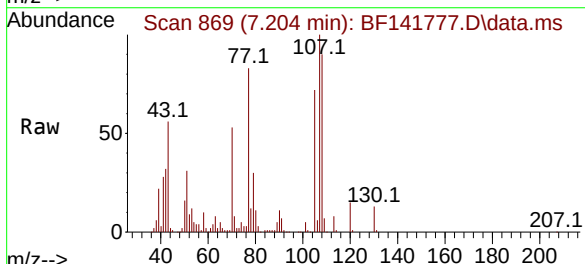
Ion	Ratio	Lower	Upper
70	100		
42	62.6	57.4	86.2
101	10.2	8.0	12.0
130	22.9	16.9	25.3

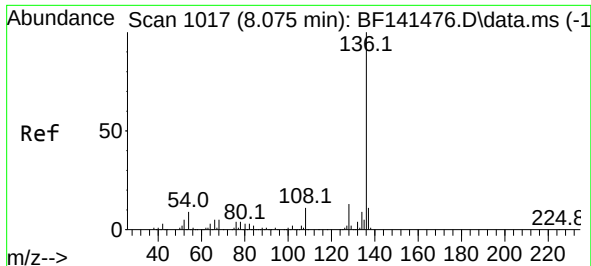


#20
3+4-Methylphenols
Concen: 46.071 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 107 Resp: 257970

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	83.1	116.5	156.5#
79	29.6	12.0	52.0

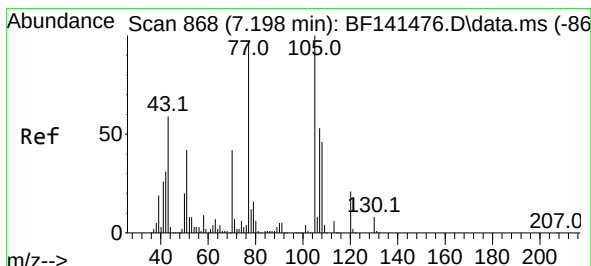
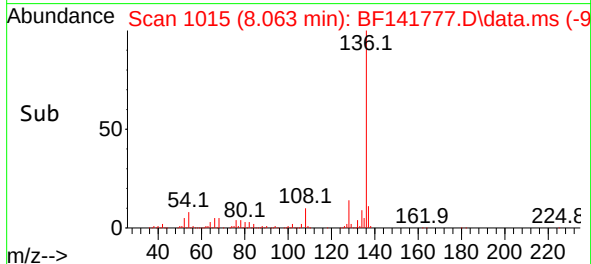
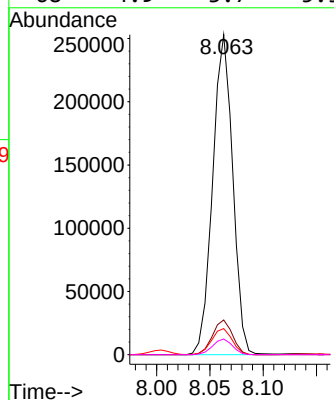
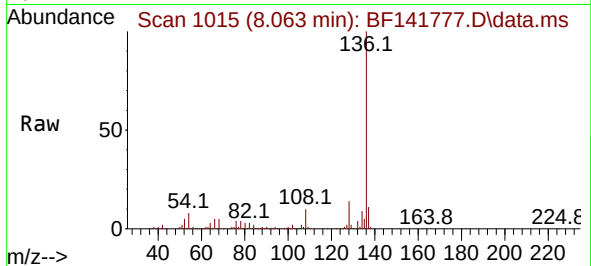




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

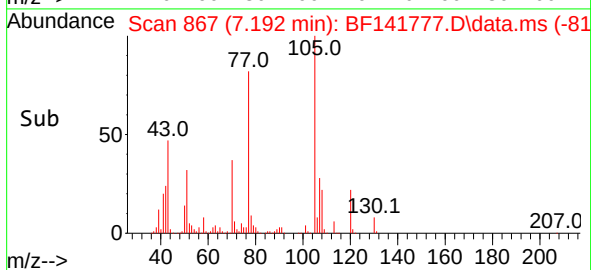
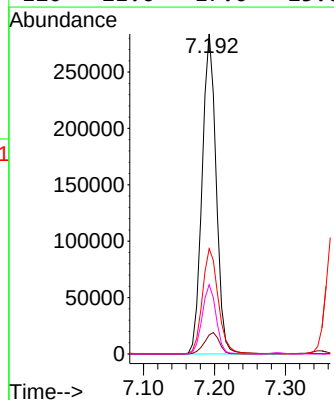
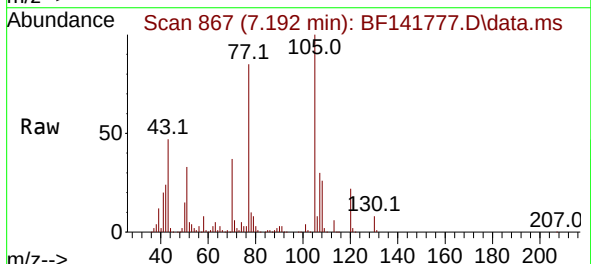
Instrument :
BNA_F
ClientSampleId :
PB166853BS

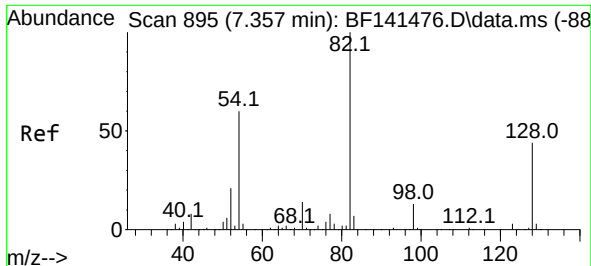
Tgt Ion:	136	Resp:	331787
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	7.2	10.8
68	4.9	3.7	5.5



#22
Acetophenone
Concen: 47.368 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:	105	Resp:	390944
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.7	8.5
51	32.9	33.7	50.5
120	21.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 87.864 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

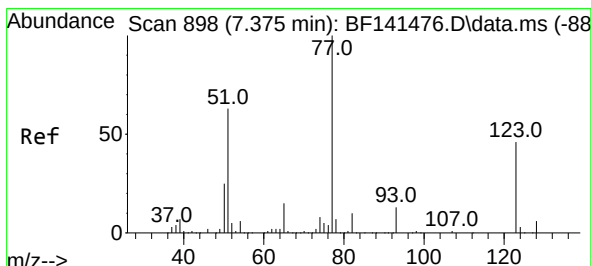
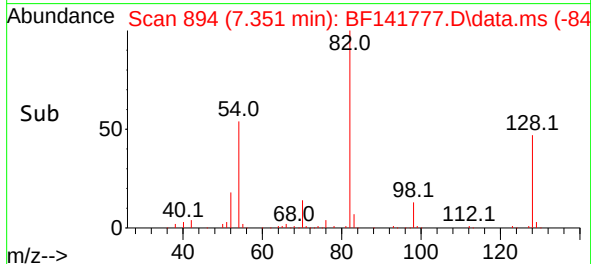
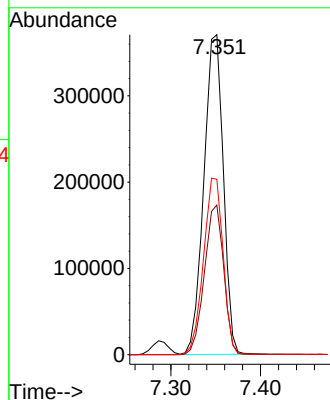
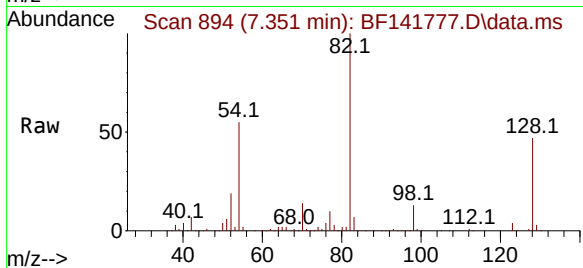
Tgt Ion: 82 Resp: 558919

Ion Ratio Lower Upper

82 100

128 46.7 34.8 52.2

54 54.8 48.2 72.4



#24

Nitrobenzene

Concen: 41.815 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

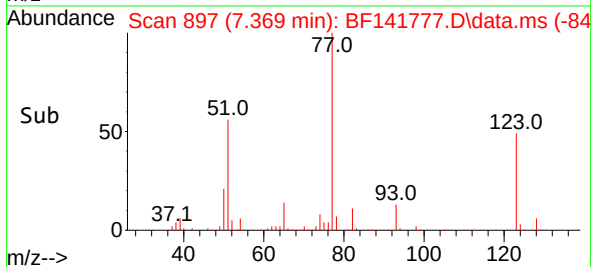
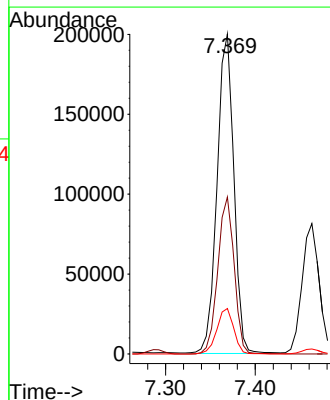
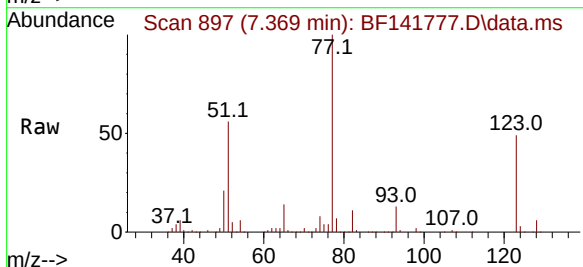
Tgt Ion: 77 Resp: 259378

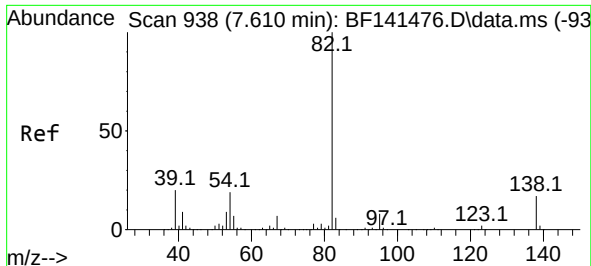
Ion Ratio Lower Upper

77 100

123 49.0 36.9 55.3

65 14.2 11.9 17.9

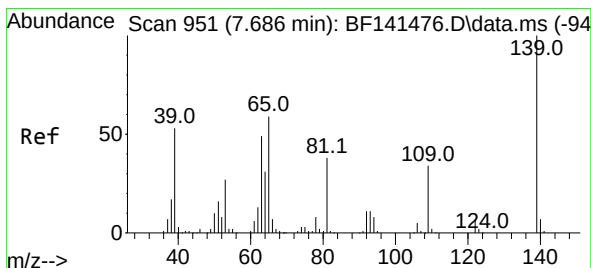
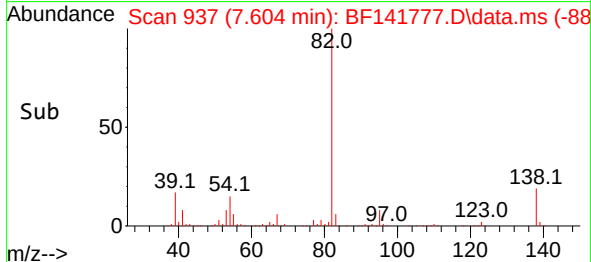
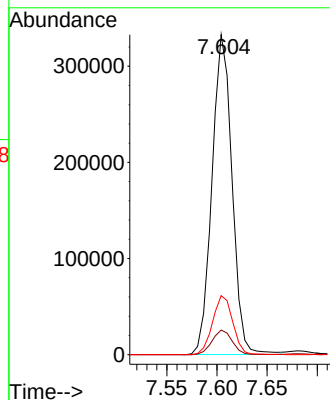
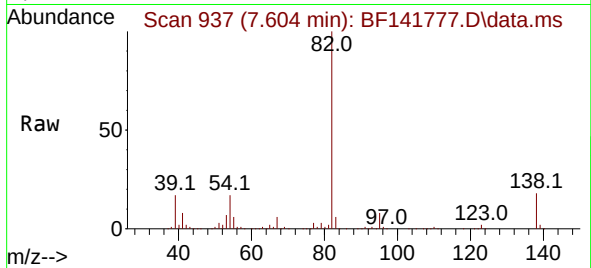




#25
Isophorone
Concen: 45.587 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

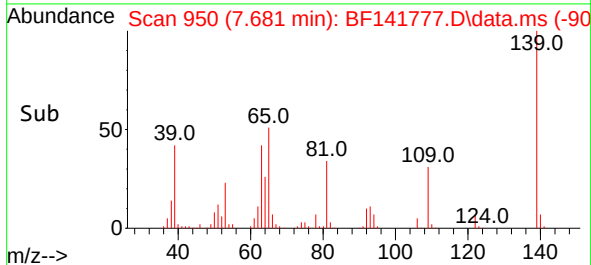
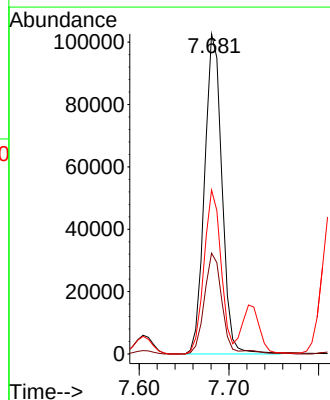
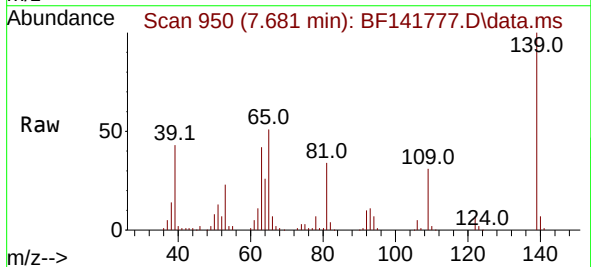
Instrument :
BNA_F
ClientSampleId :
PB166853BS

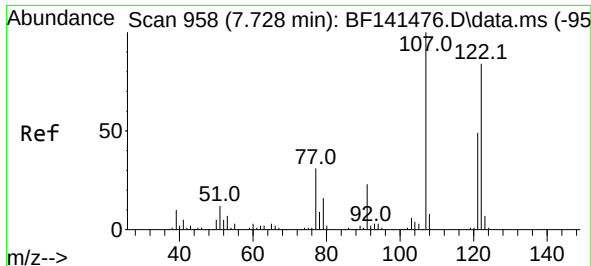
Tgt Ion: 82 Resp: 462376
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 44.743 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 139 Resp: 138079
Ion Ratio Lower Upper
139 100
109 31.5 27.0 40.6
65 51.3 47.1 70.7

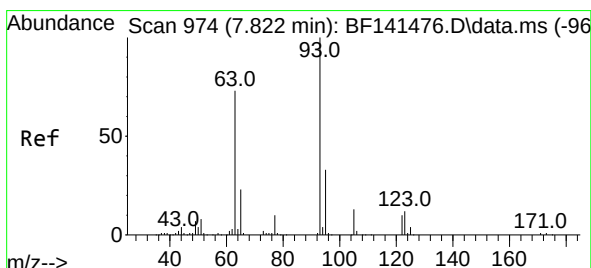
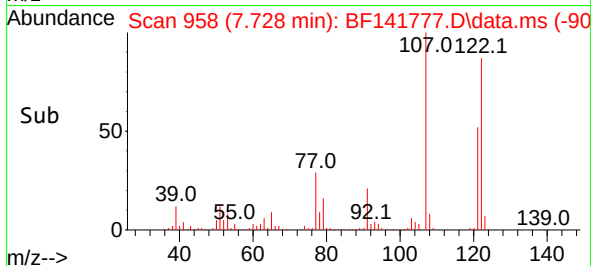
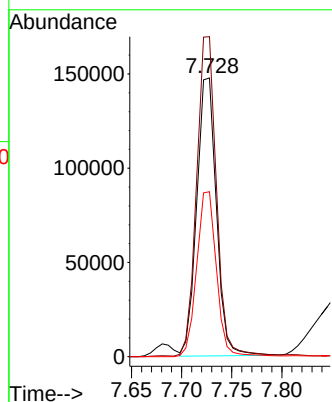
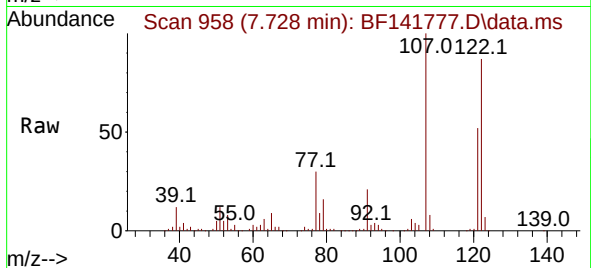




#27
2,4-Dimethylphenol
Concen: 55.997 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

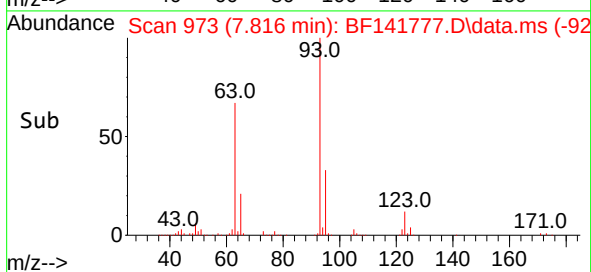
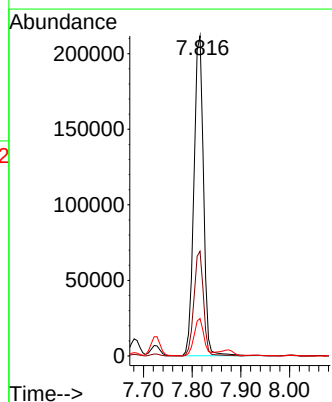
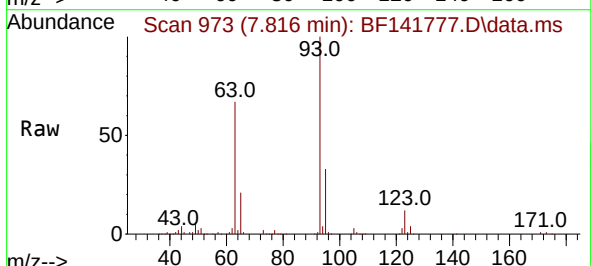
Instrument :
BNA_F
ClientSampleId :
PB166853BS

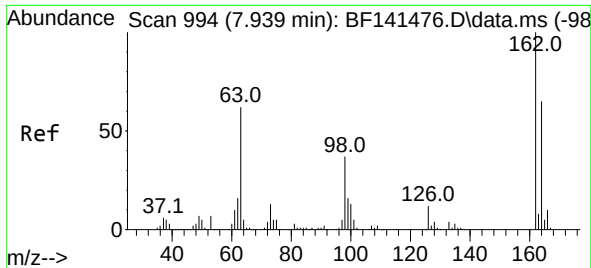
Tgt Ion:122 Resp: 201881
Ion Ratio Lower Upper
122 100
107 114.8 94.3 141.5
121 59.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.645 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 93 Resp: 290160
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.535 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

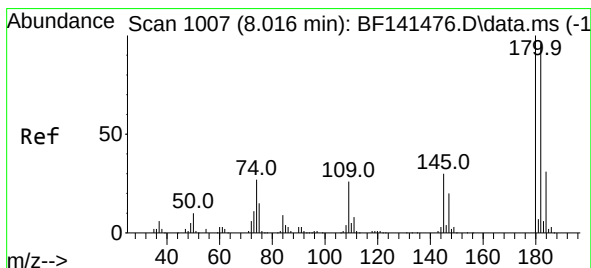
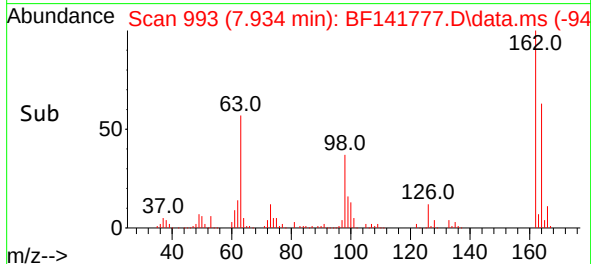
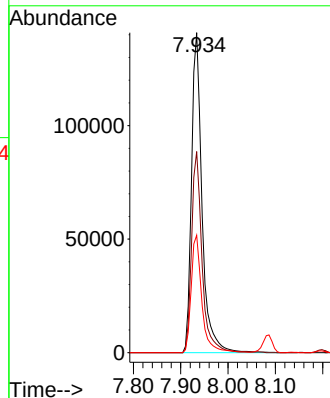
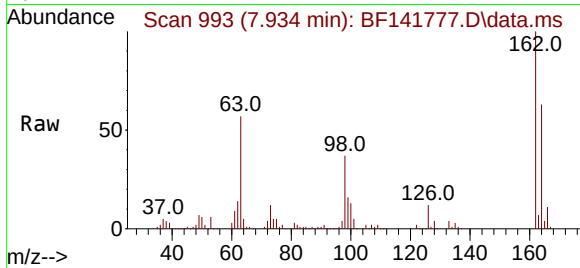
Tgt Ion:162 Resp: 216937

Ion Ratio Lower Upper

162 100

164 62.9 44.6 84.6

98 36.7 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 44.071 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

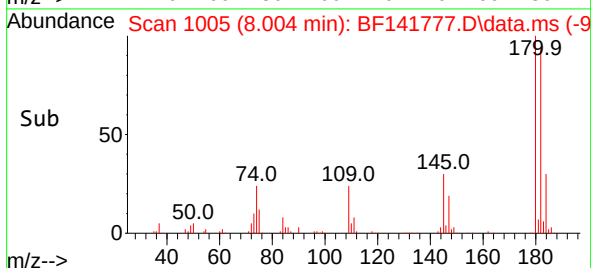
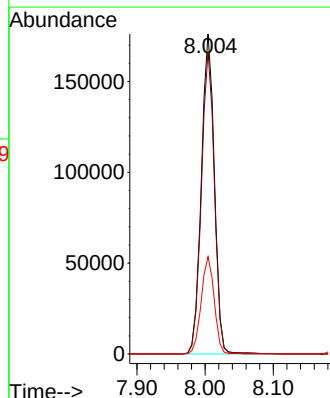
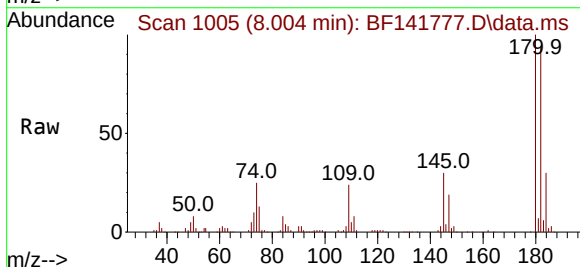
Tgt Ion:180 Resp: 233773

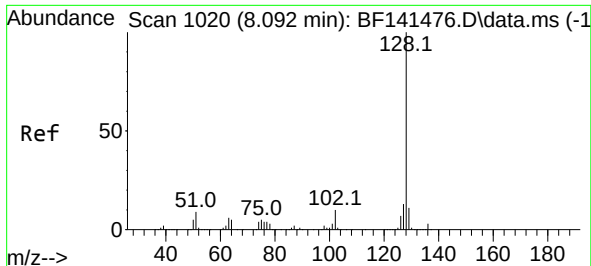
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 30.4 24.2 36.4

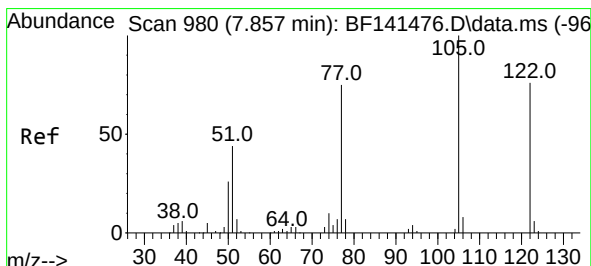
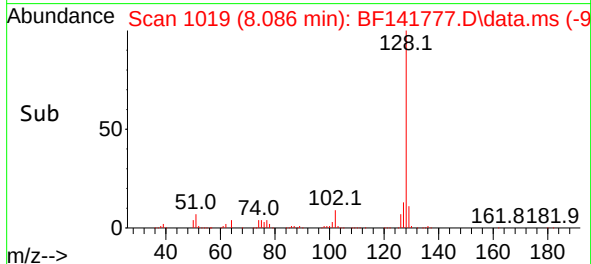
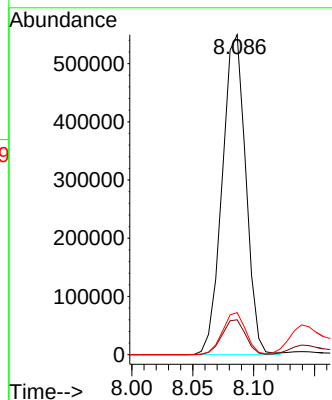
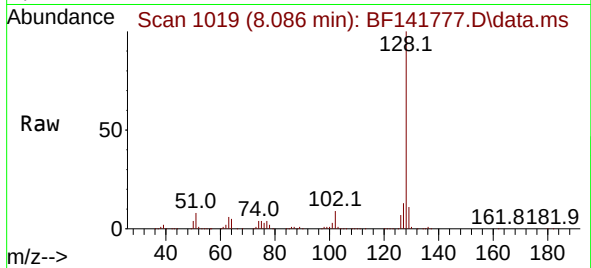




#31
Naphthalene
Concen: 42.891 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

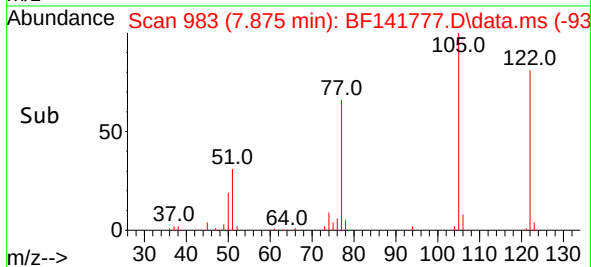
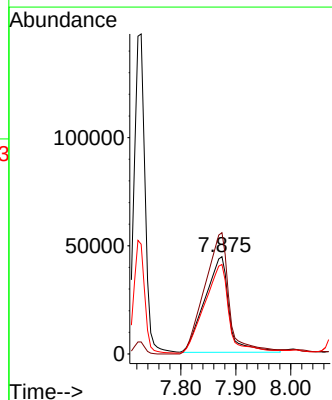
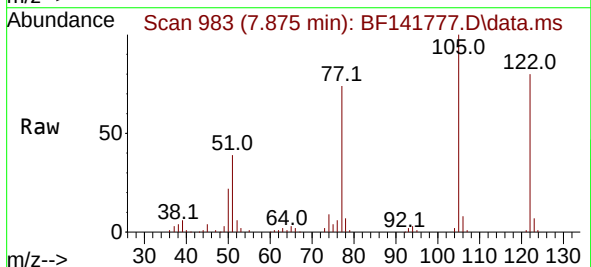
Instrument :
BNA_F
ClientSampleId :
PB166853BS

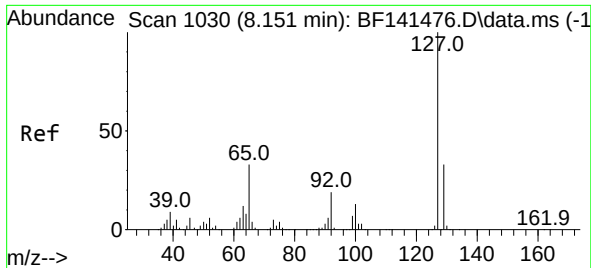
Tgt Ion:128 Resp: 740758
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 36.518 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:122 Resp: 136752
Ion Ratio Lower Upper
122 100
105 124.7 106.5 146.5
77 92.0 76.3 116.3

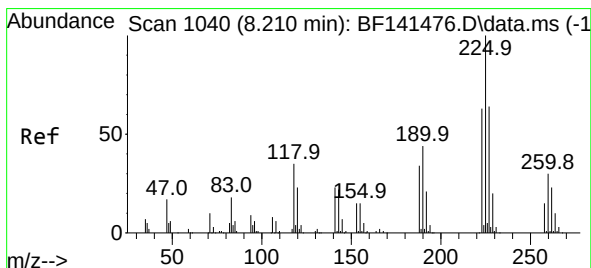
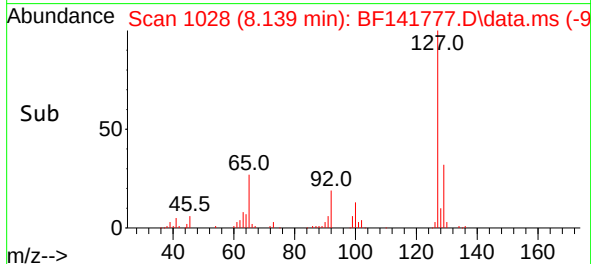
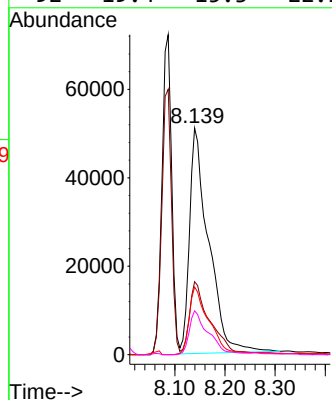
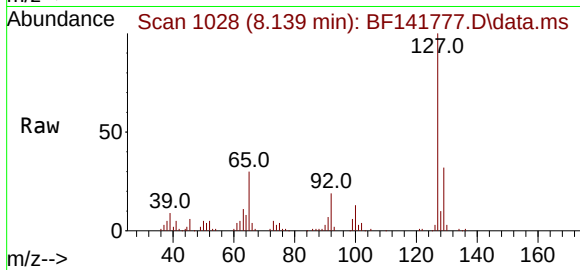




#33
4-Chloroaniline
Concen: 22.325 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

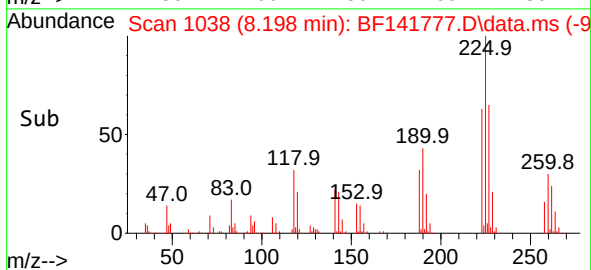
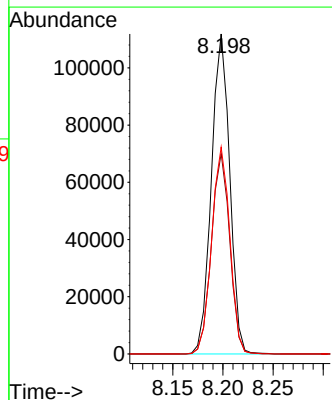
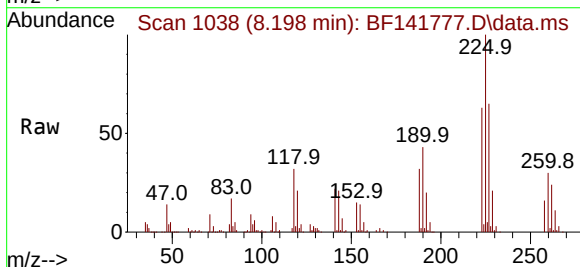
Instrument :
BNA_F
ClientSampleId :
PB166853BS

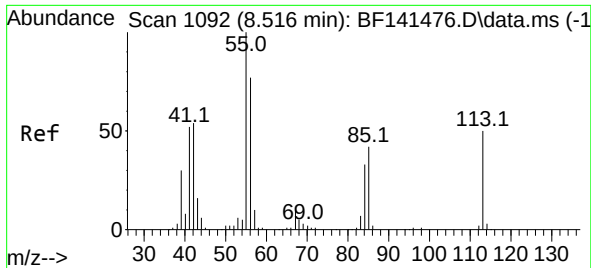
Tgt Ion:	127	Resp:	134615
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	29.9	26.4	39.6
92	19.4	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.702 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:	225	Resp:	142354
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.7	51.0	76.6

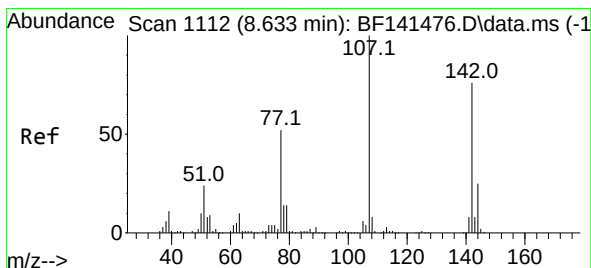
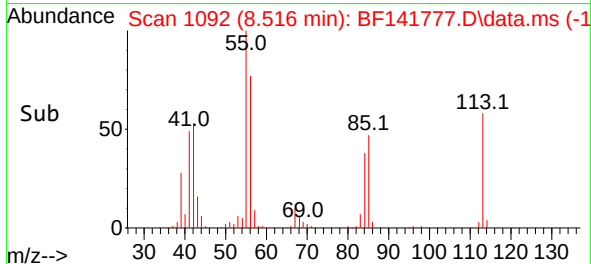
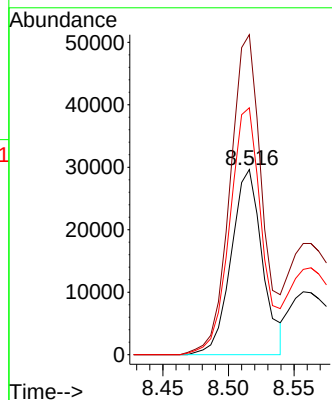
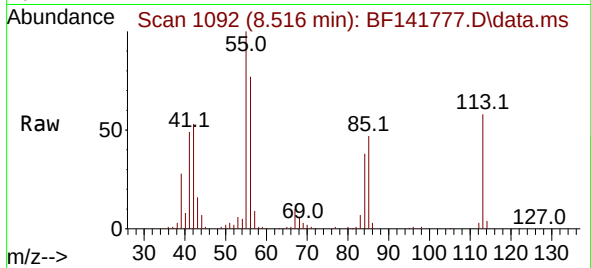




#35
 Caprolactam
 Concen: 33.117 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

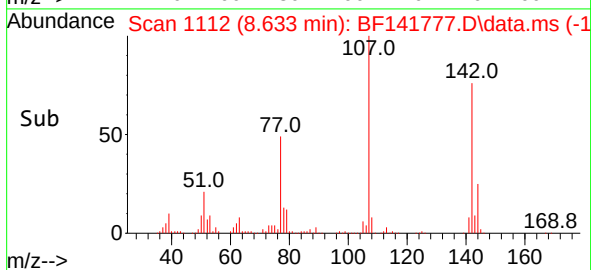
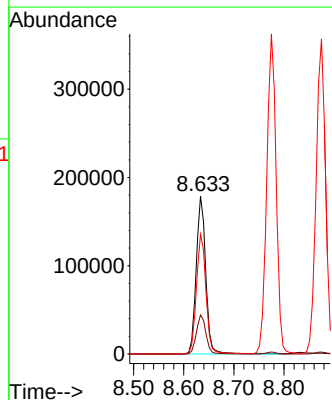
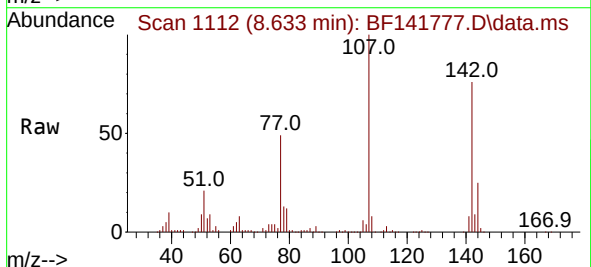
Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

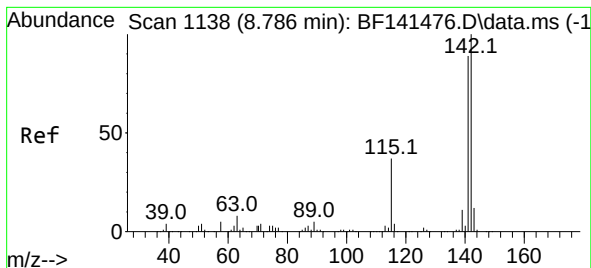
Tgt Ion:113 Resp: 49117
 Ion Ratio Lower Upper
 113 100
 55 172.8 180.8 220.8#
 56 133.3 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.534 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

Tgt Ion:107 Resp: 234899
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.7 29.5
 142 75.8 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.950 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

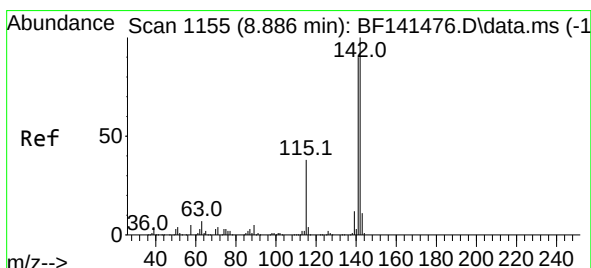
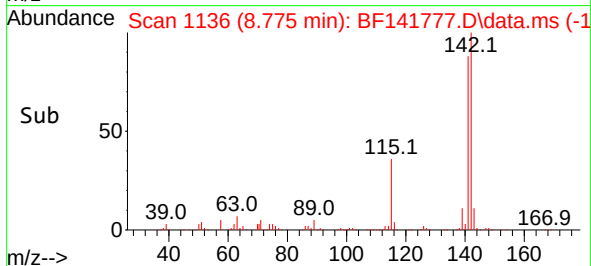
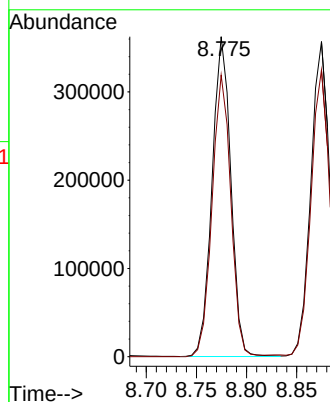
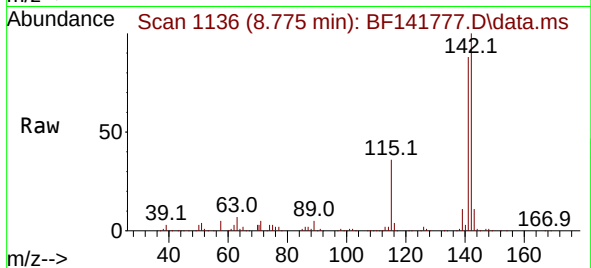
PB166853BS

Tgt Ion:142 Resp: 471459

Ion Ratio Lower Upper

142 100

141 88.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.273 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141777.D

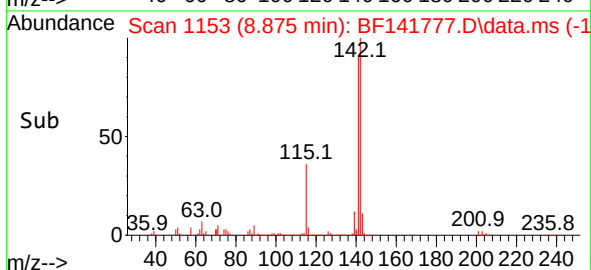
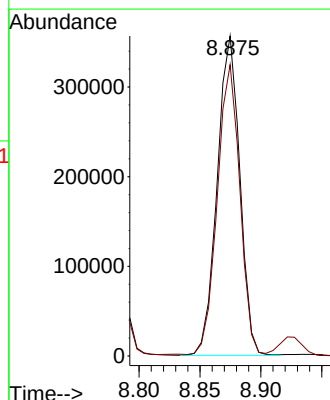
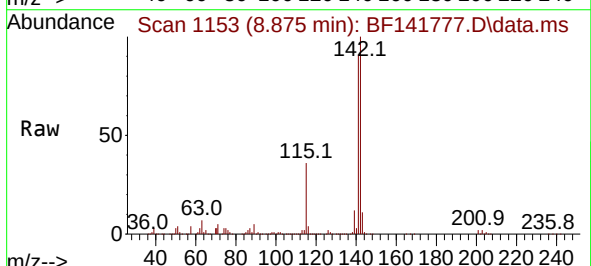
Acq: 26 Feb 2025 12:19

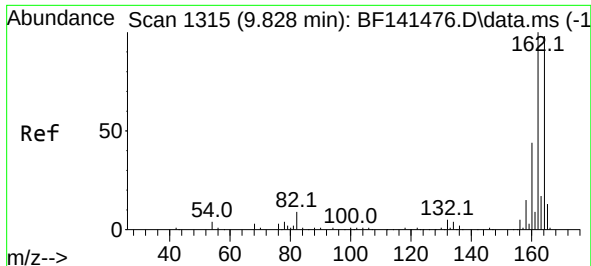
Tgt Ion:142 Resp: 460135

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1

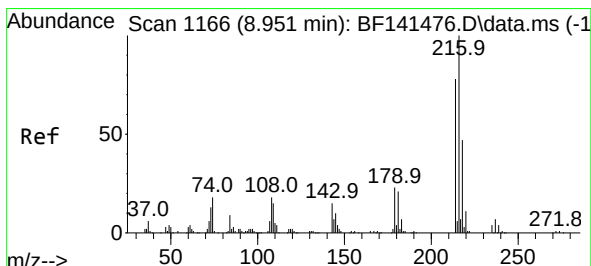
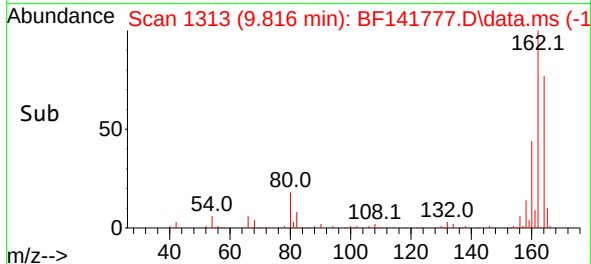
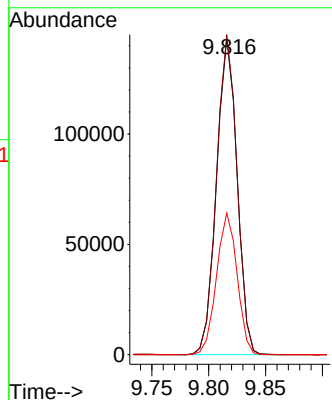
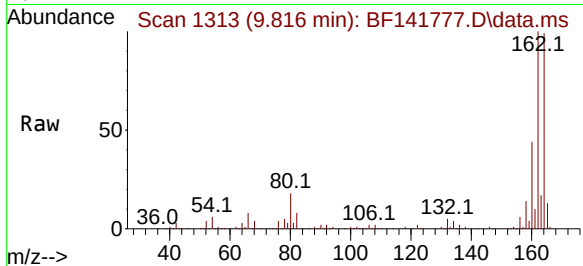




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

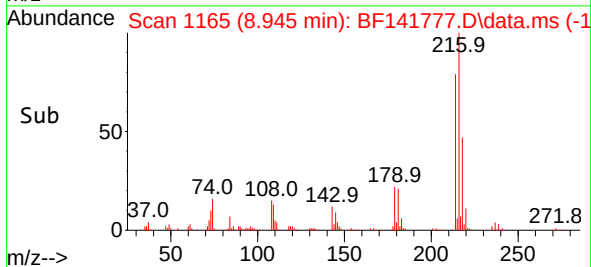
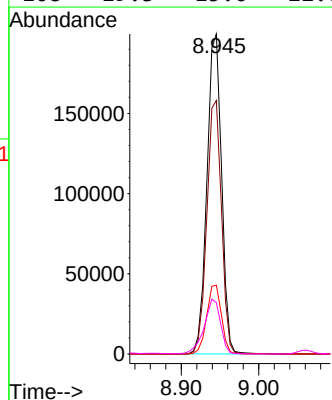
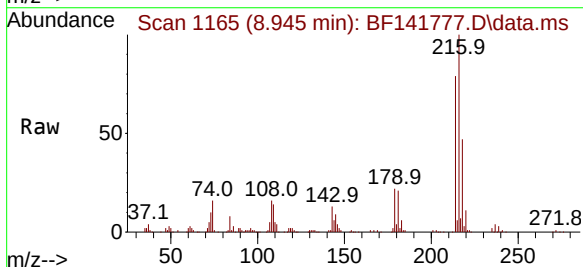
Instrument :
BNA_F
ClientSampleId :
PB166853BS

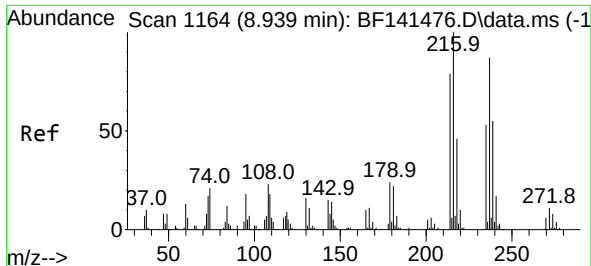
Tgt Ion:164 Resp: 180365
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 44.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.141 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

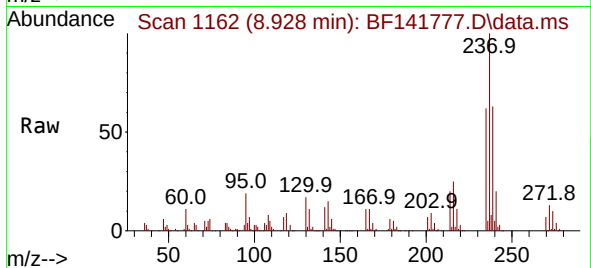
Tgt Ion:216 Resp: 261645
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 21.6 18.0 27.0
108 19.3 15.0 22.6



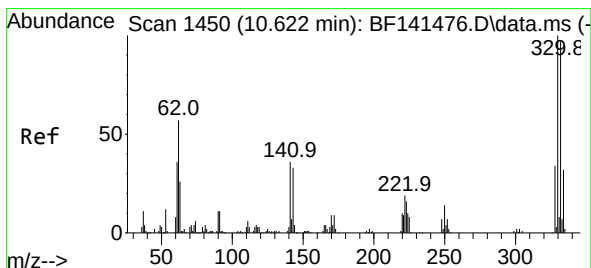
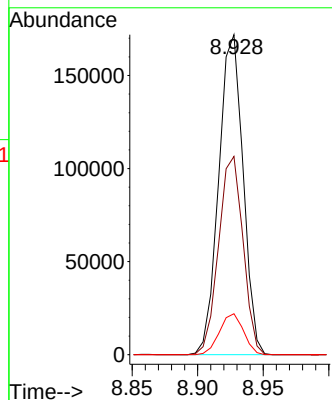
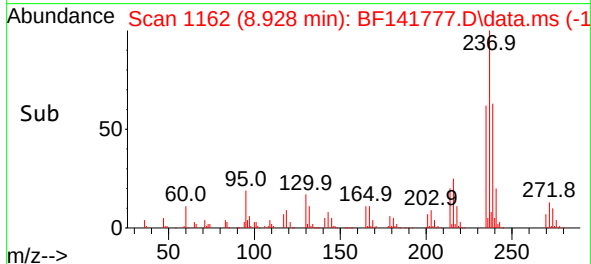


#41
Hexachlorocyclopentadiene
Concen: 127.788 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

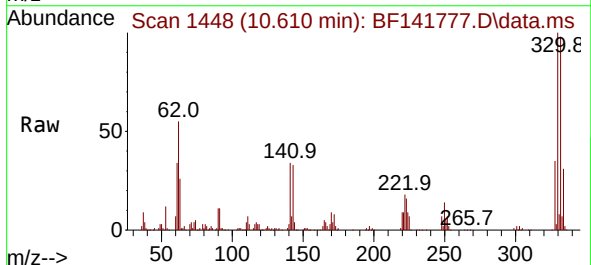
Instrument :
BNA_F
ClientSampleId :
PB166853BS



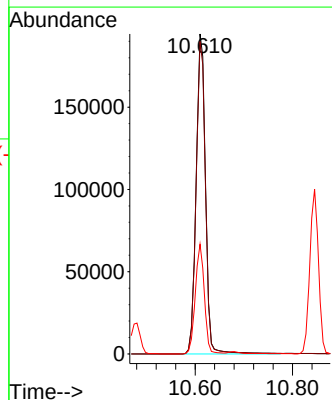
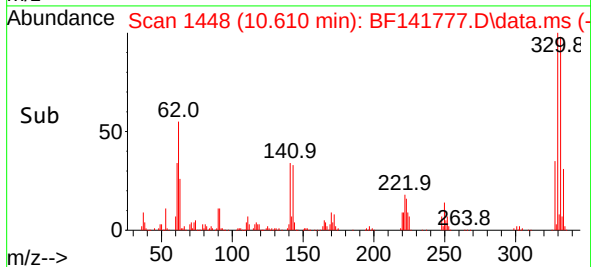
Tgt Ion:237 Resp: 221790
Ion Ratio Lower Upper
237 100
235 61.9 41.4 81.4
272 12.8 0.0 32.4

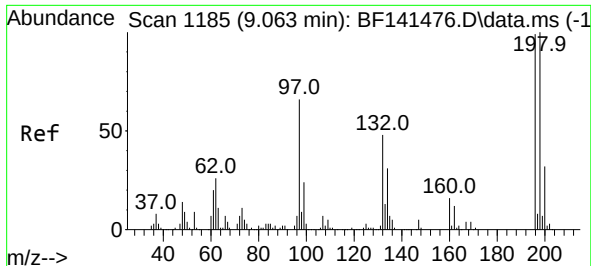


#42
2,4,6-Tribromophenol
Concen: 144.676 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19



Tgt Ion:330 Resp: 262131
Ion Ratio Lower Upper
330 100
332 97.9 78.5 117.7
141 33.2 31.0 46.4

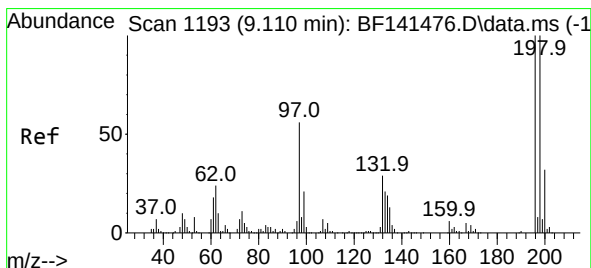
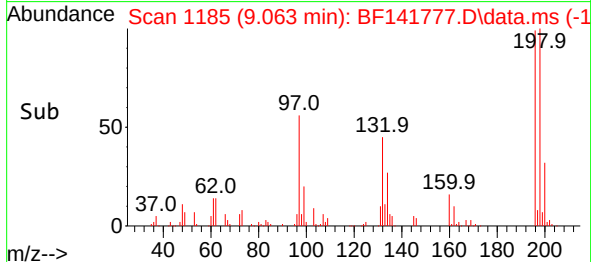
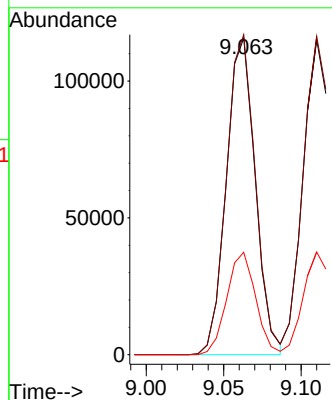
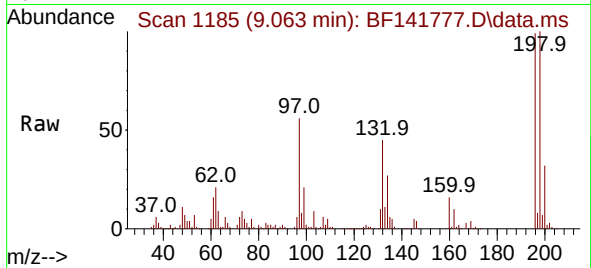




#43
2,4,6-Trichlorophenol
Concen: 44.513 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

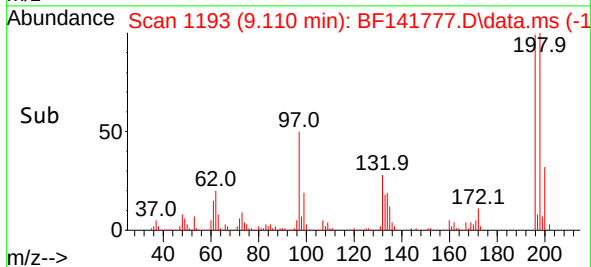
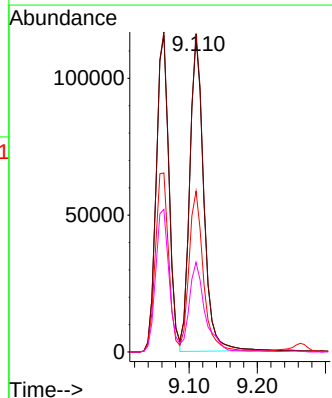
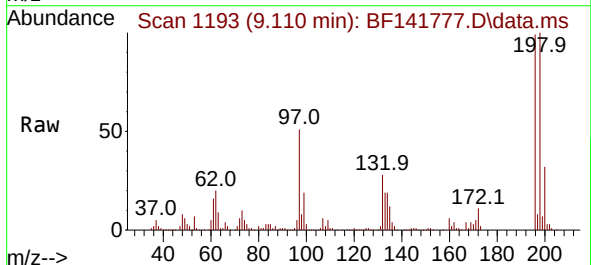
Instrument :
BNA_F
ClientSampleId :
PB166853BS

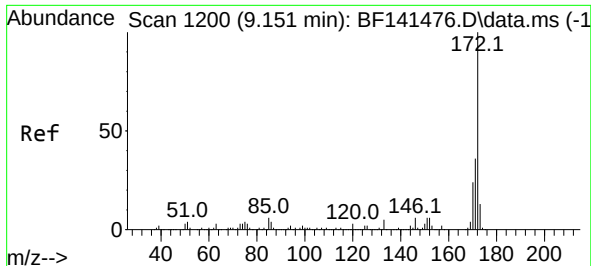
Tgt Ion:196 Resp: 150125
Ion Ratio Lower Upper
196 100
198 101.0 80.6 121.0
200 32.3 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.581 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:196 Resp: 162948
Ion Ratio Lower Upper
196 100
198 101.0 79.8 119.8
97 51.0 44.8 67.2
132 28.4 23.9 35.9

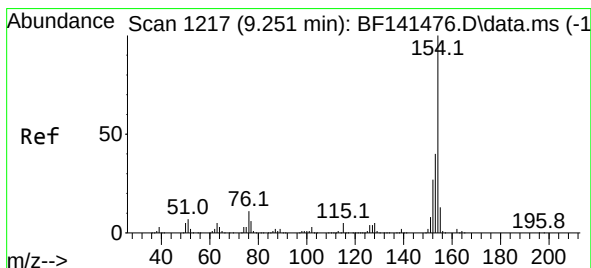
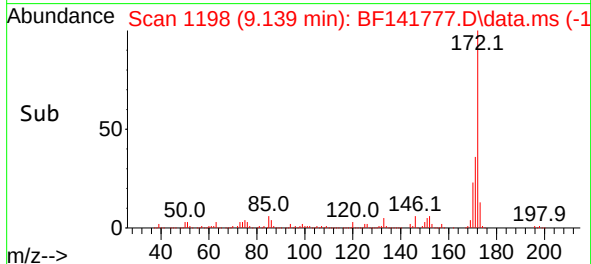
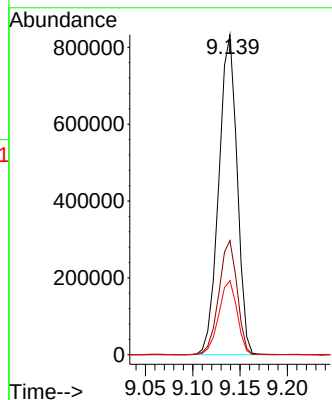
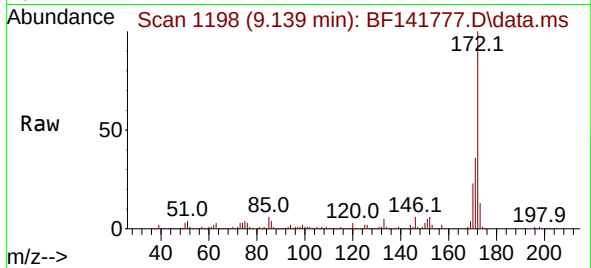




#45
2-Fluorobiphenyl
Concen: 95.879 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

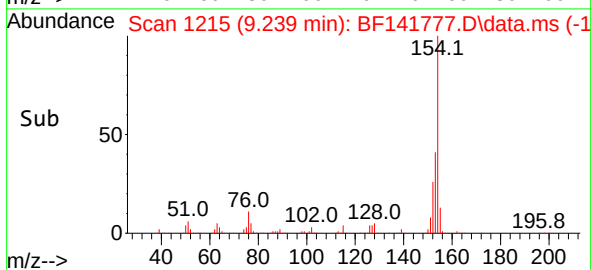
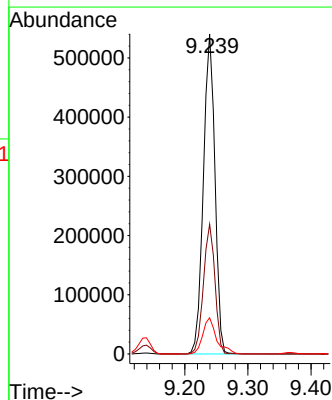
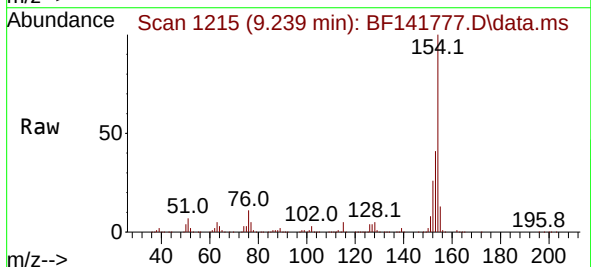
Instrument :
BNA_F
ClientSampleId :
PB166853BS

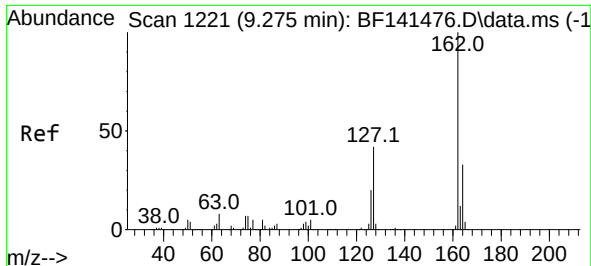
Tgt Ion:172 Resp: 1122463
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.122 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:154 Resp: 686888
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.3 0.0 30.8

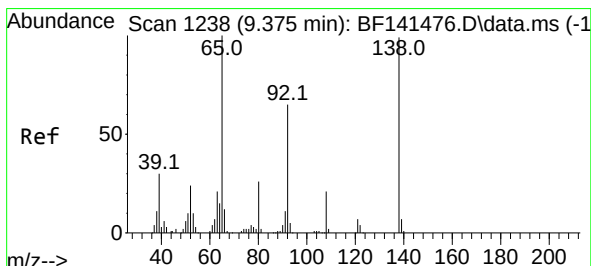
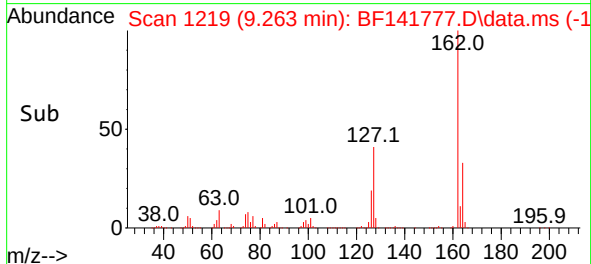
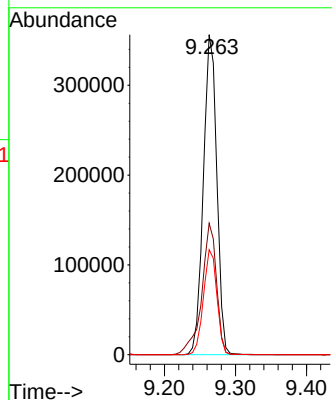
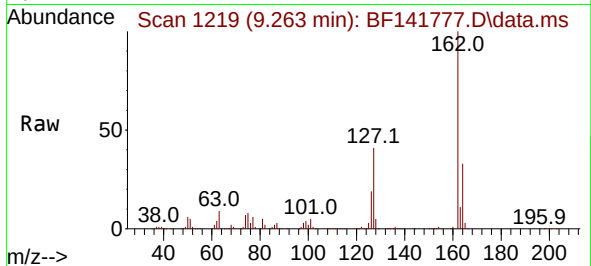




#47
2-Chloronaphthalene
Concen: 45.482 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

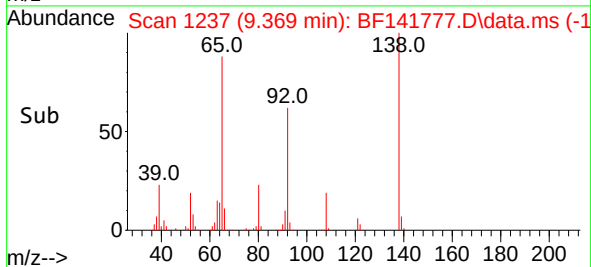
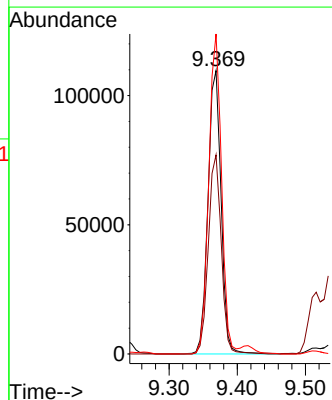
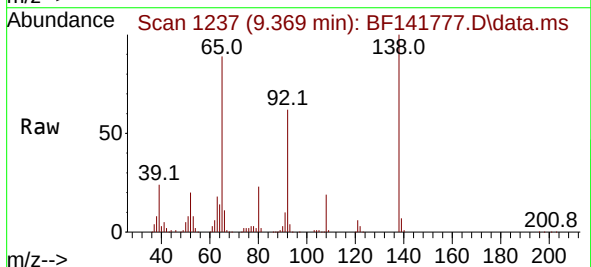
Instrument :
BNA_F
ClientSampleId :
PB166853BS

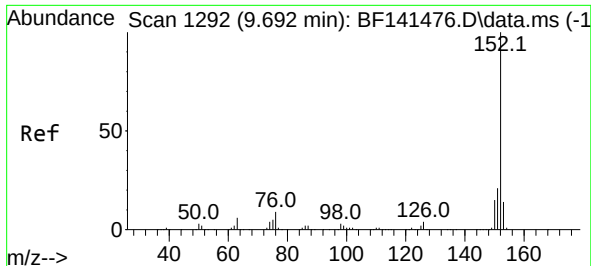
Tgt Ion:162 Resp: 470296
Ion Ratio Lower Upper
162 100
127 41.0 34.1 51.1
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 42.345 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 65 Resp: 146947
Ion Ratio Lower Upper
65 100
92 70.2 52.2 78.2
138 112.9 79.5 119.3





#49

Acenaphthylene

Concen: 46.929 ng

RT: 9.681 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

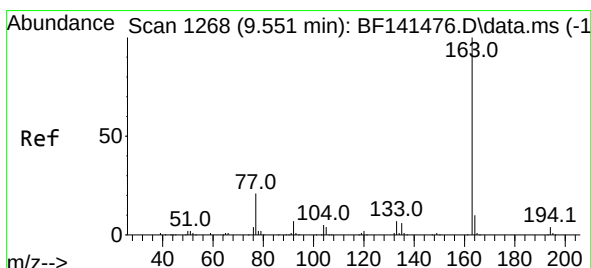
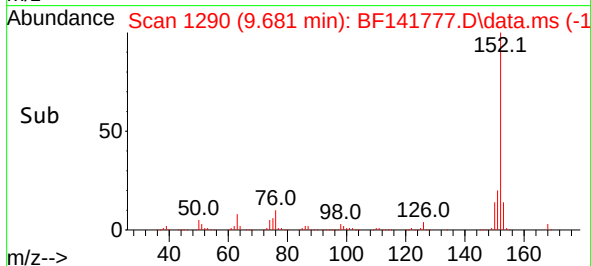
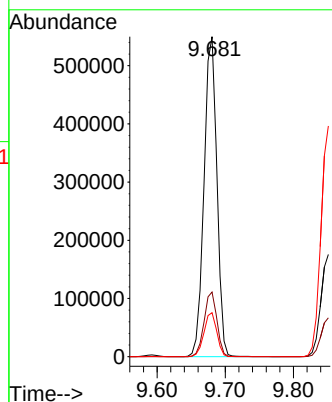
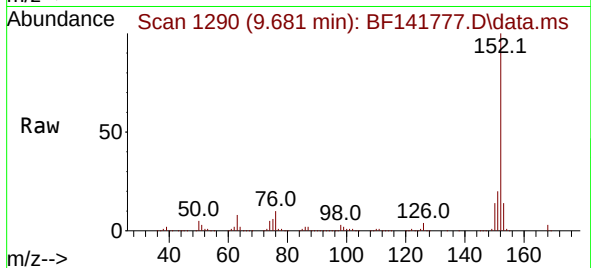
Tgt Ion:152 Resp: 721764

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 46.687 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

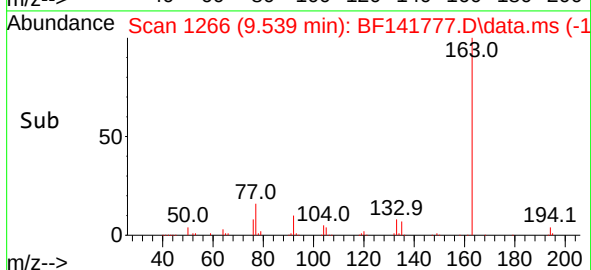
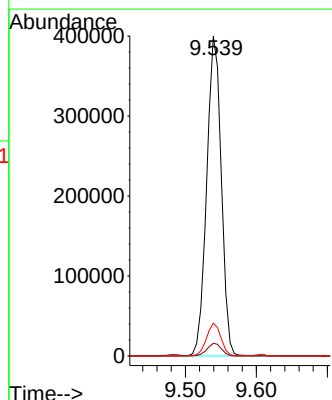
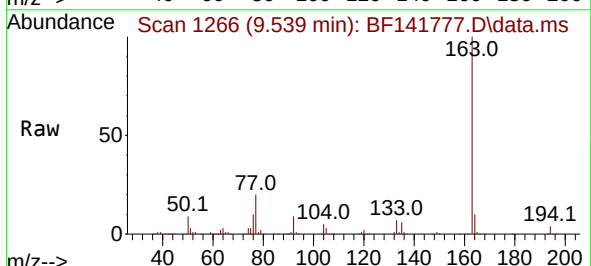
Tgt Ion:163 Resp: 571666

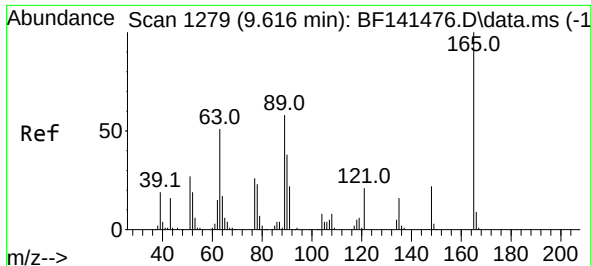
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.2 7.9 11.9

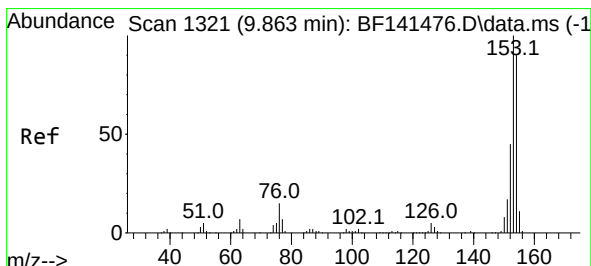
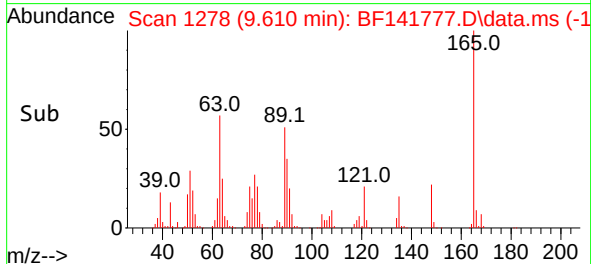
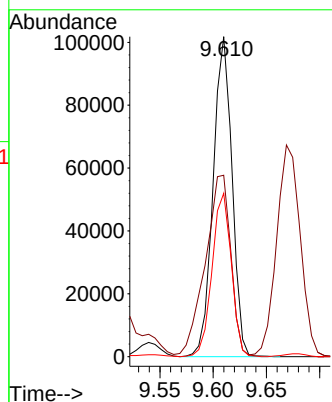
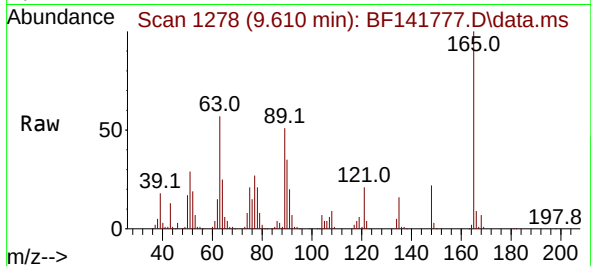




#51
2,6-Dinitrotoluene
Concen: 46.887 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

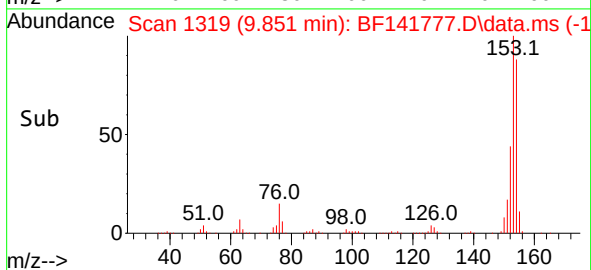
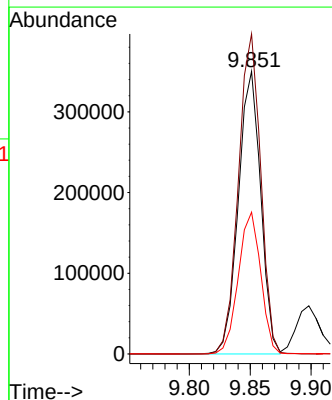
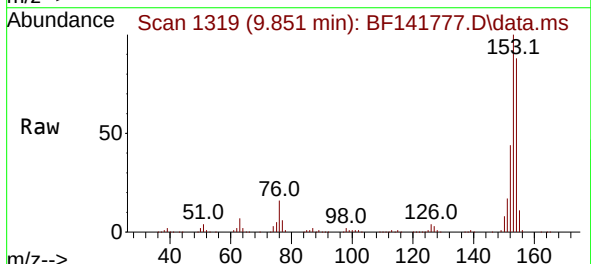
Instrument :
BNA_F
ClientSampleId :
PB166853BS

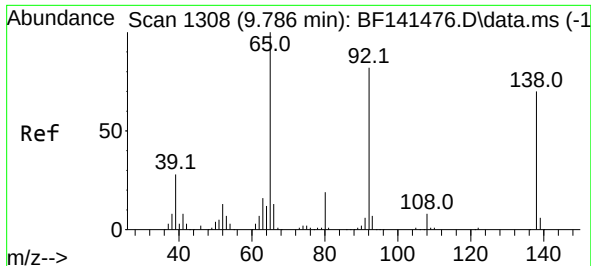
Tgt Ion:165 Resp: 125505
Ion Ratio Lower Upper
165 100
63 56.7 49.4 74.0
89 51.0 46.5 69.7



#52
Acenaphthene
Concen: 43.338 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:154 Resp: 448107
Ion Ratio Lower Upper
154 100
153 113.3 89.2 133.8
152 50.2 39.8 59.8

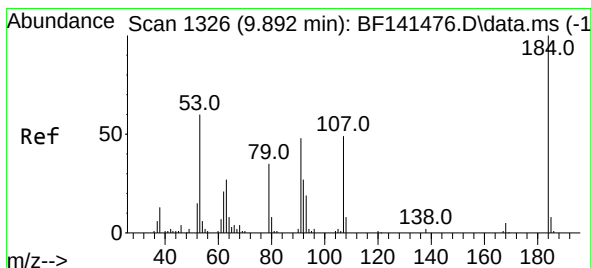
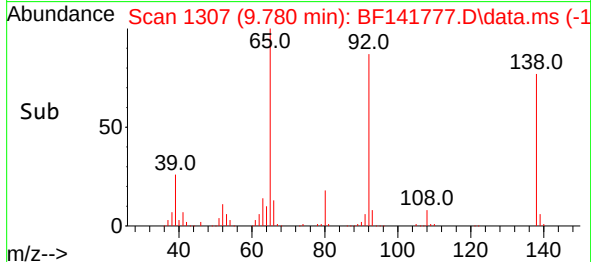
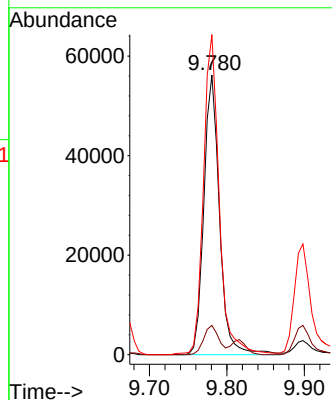
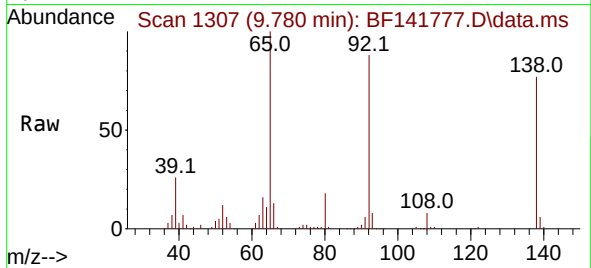




#53
3-Nitroaniline
Concen: 27.343 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

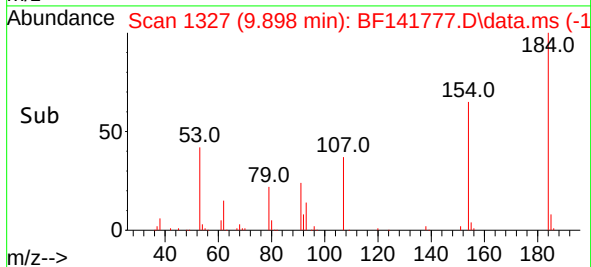
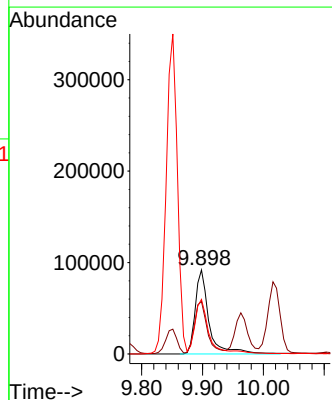
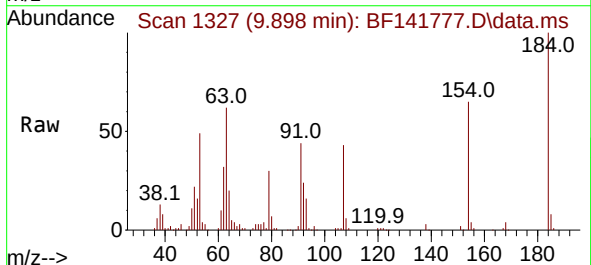
Instrument :
BNA_F
ClientSampleId :
PB166853BS

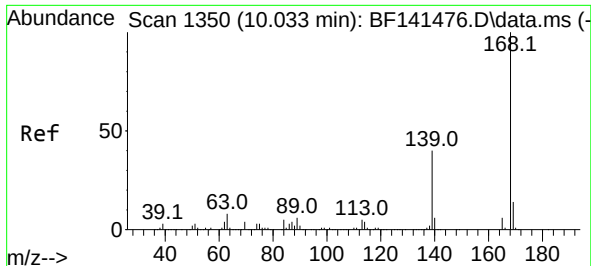
Tgt Ion:138 Resp: 78775
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 114.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 91.073 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:184 Resp: 144884
Ion Ratio Lower Upper
184 100
63 62.4 61.0 91.6
154 65.0 59.9 89.9

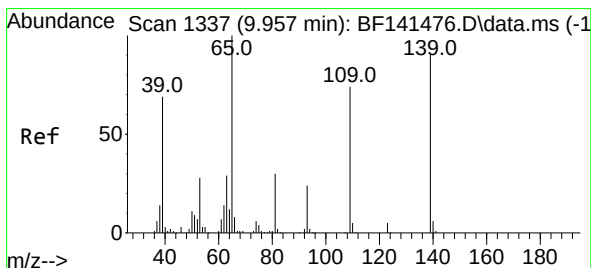
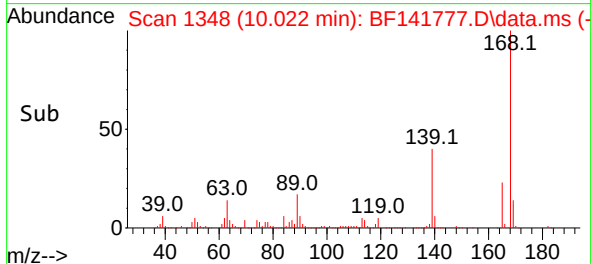
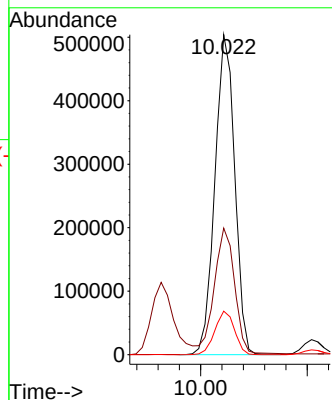
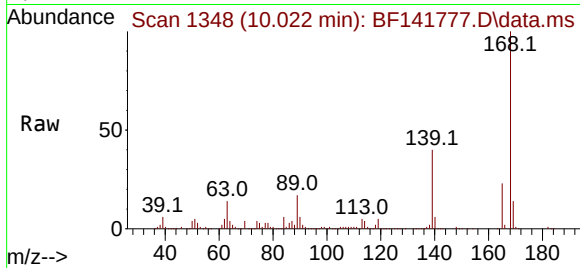




#55
Dibenzofuran
Concen: 42.845 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

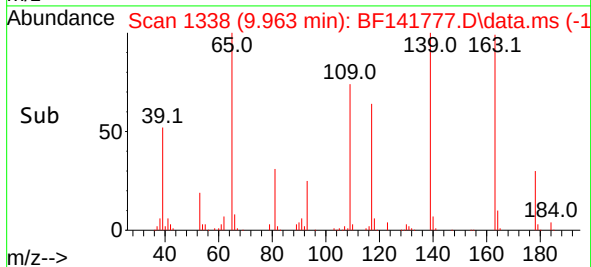
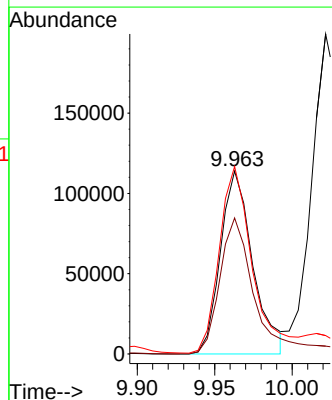
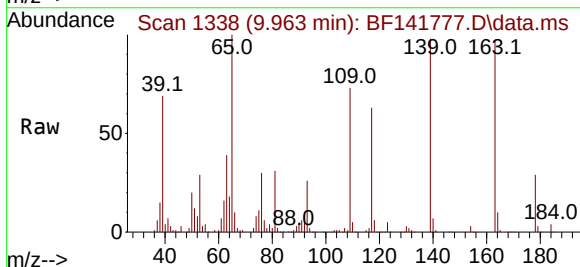
Instrument :
BNA_F
ClientSampleId :
PB166853BS

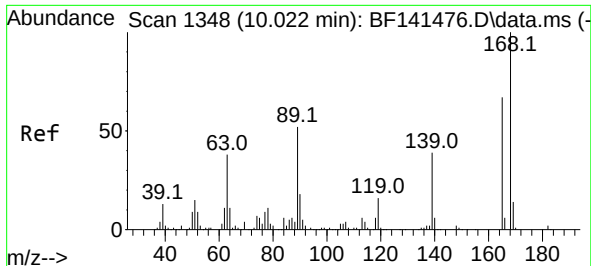
Tgt Ion:168 Resp: 650259
Ion Ratio Lower Upper
168 100
139 39.5 32.7 49.1
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 77.235 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:139 Resp: 165178
Ion Ratio Lower Upper
139 100
109 74.3 62.0 102.0
65 102.5 91.2 131.2



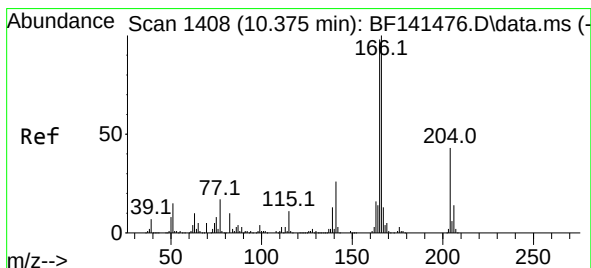
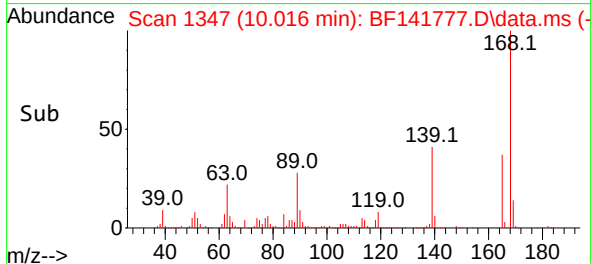
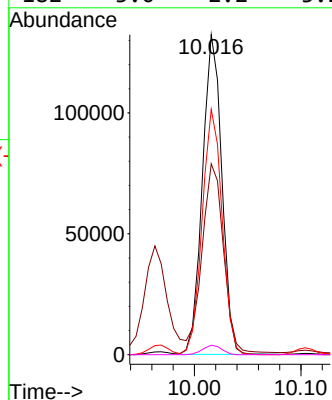
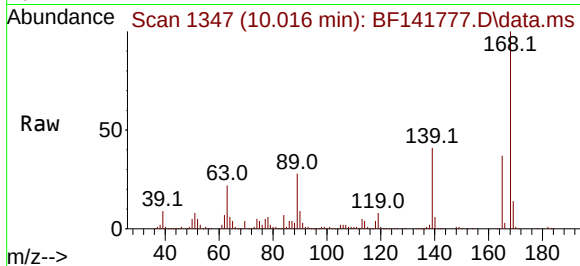


#57
2,4-Dinitrotoluene
Concen: 46.946 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB166853BS

Tgt Ion:165 Resp: 167288

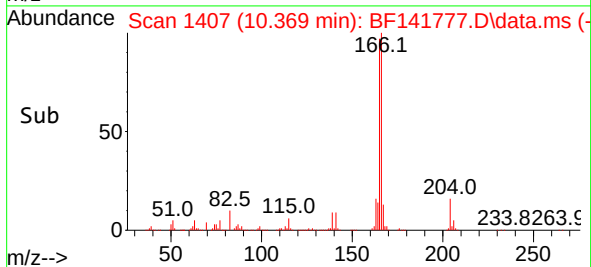
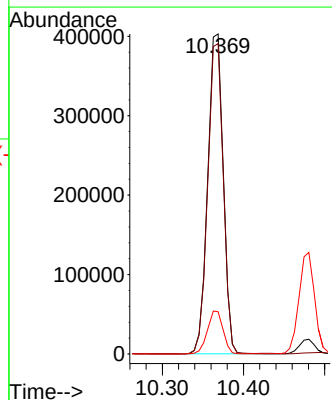
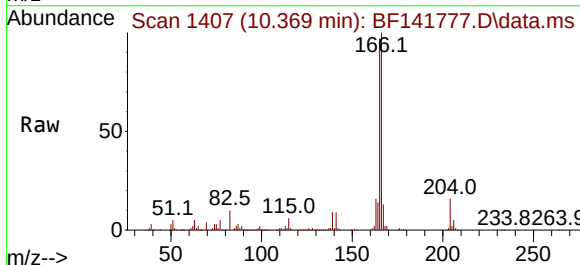
Ion	Ratio	Lower	Upper
165	100		
63	59.6	46.4	69.6
89	76.7	61.8	92.6
182	3.0	2.2	3.2

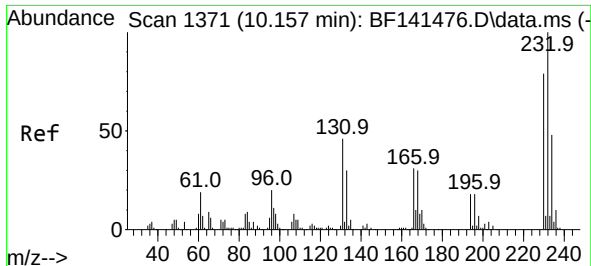


#58
Fluorene
Concen: 45.550 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:166 Resp: 534517

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	13.2	10.7	16.1

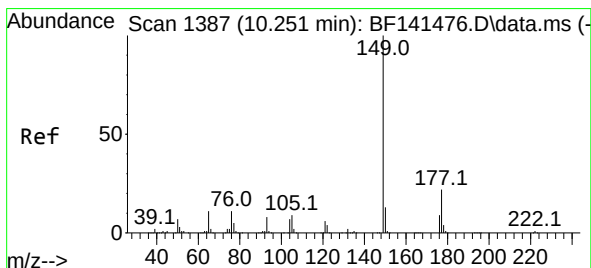
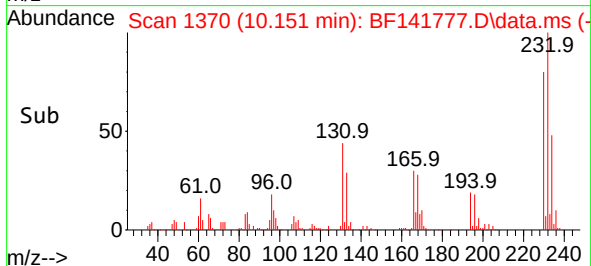
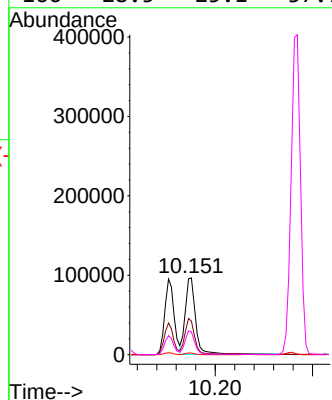
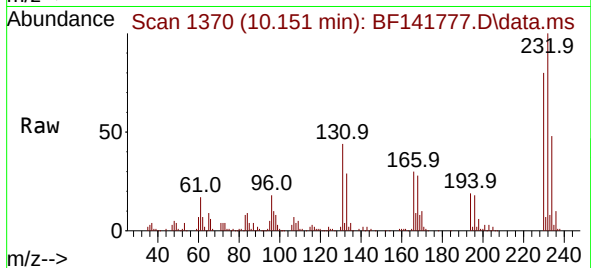




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.087 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

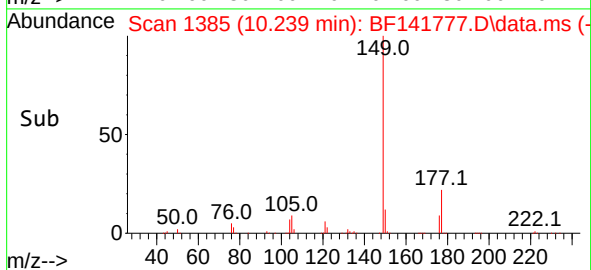
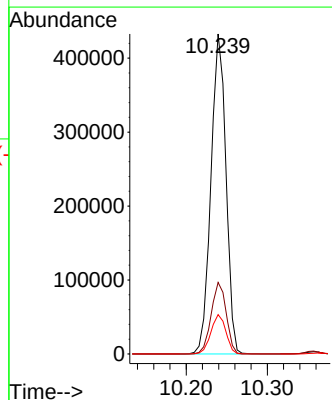
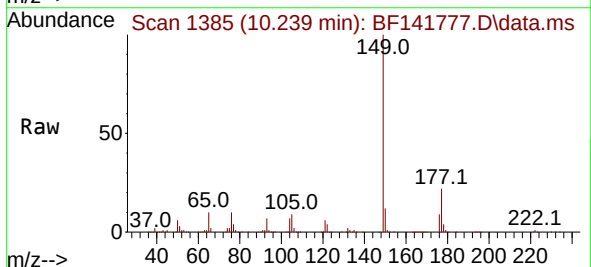
Instrument :
BNA_F
ClientSampleId :
PB166853BS

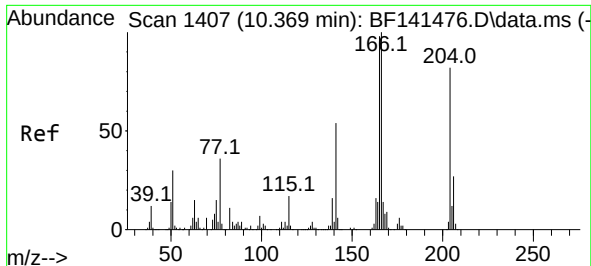
Tgt Ion:232 Resp: 141879
Ion Ratio Lower Upper
232 100
131 44.4 39.2 58.8
130 2.1 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 46.112 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

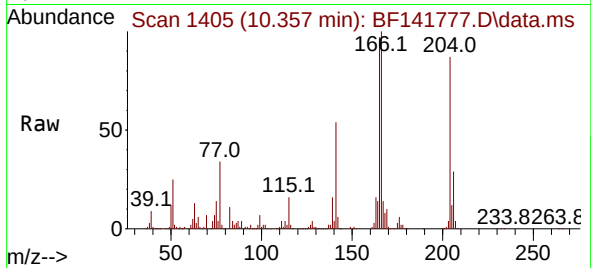
Tgt Ion:149 Resp: 555522
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.3 10.1 15.1



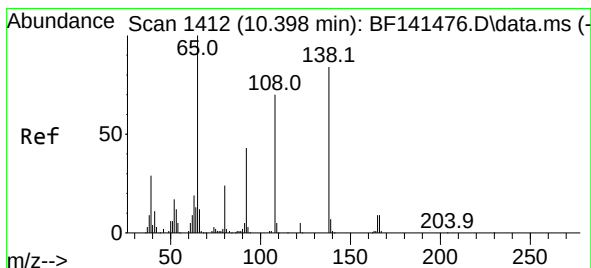
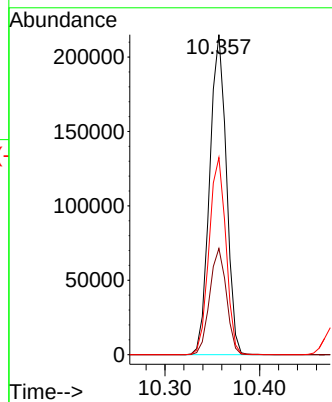
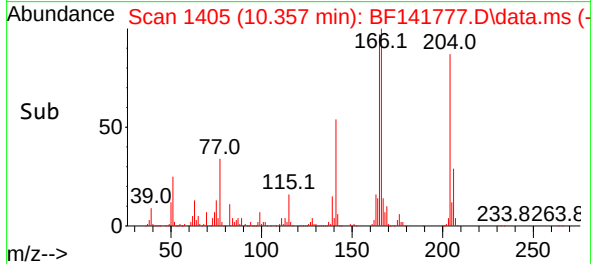


#61
4-Chlorophenyl-phenylether
Concen: 46.786 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

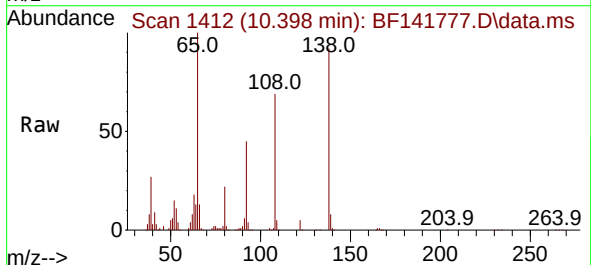
Instrument :
BNA_F
ClientSampleId :
PB166853BS



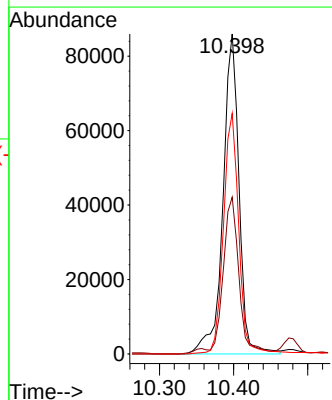
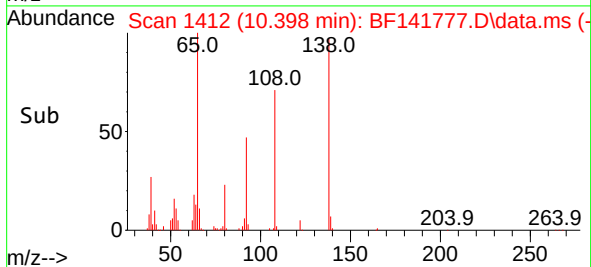
Tgt Ion:204 Resp: 264126
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 61.6 51.9 77.9

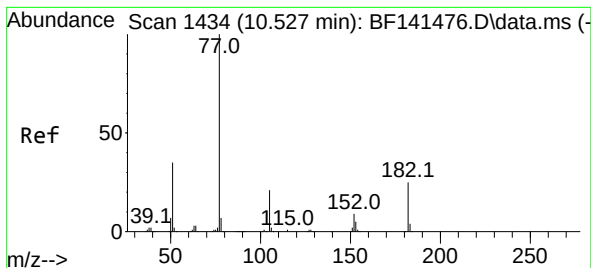


#62
4-Nitroaniline
Concen: 44.149 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19



Tgt Ion:138 Resp: 129151
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 75.2 63.7 103.7





#63

Azobenzene

Concen: 42.585 ng

RT: 10.516 min Scan# 1432

Delta R.T. -0.018 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

Tgt Ion: 77 Resp: 51011

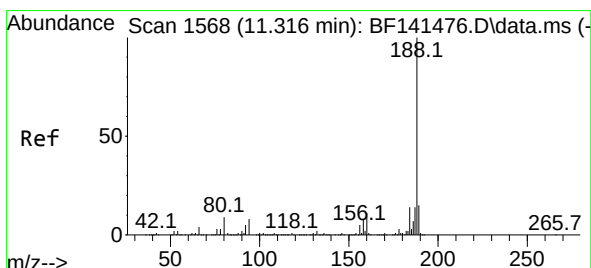
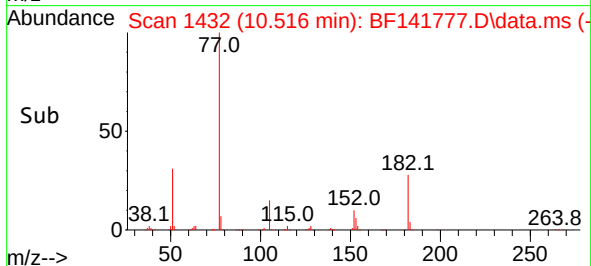
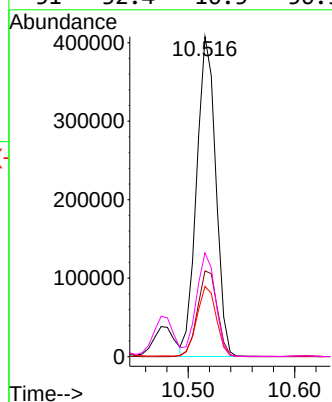
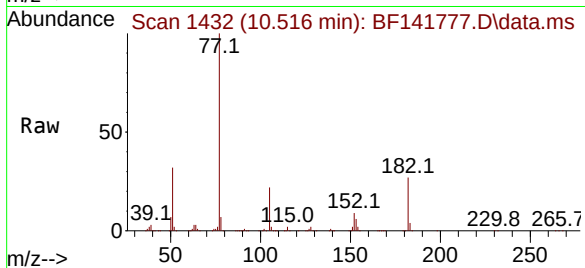
Ion Ratio Lower Upper

77 100

182 26.8 4.7 44.7

105 22.0 0.4 40.4

51 32.4 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1566

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

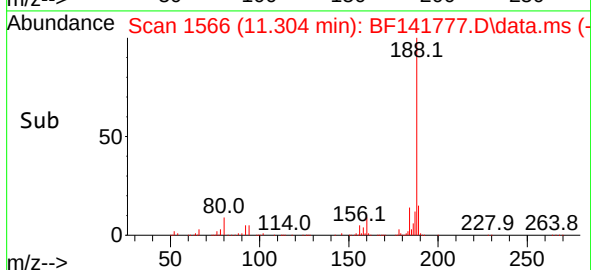
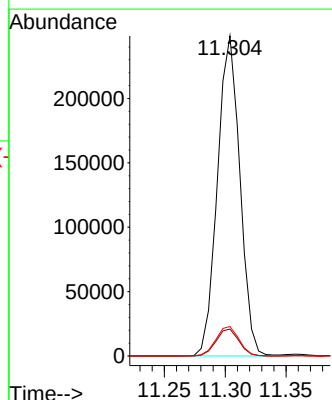
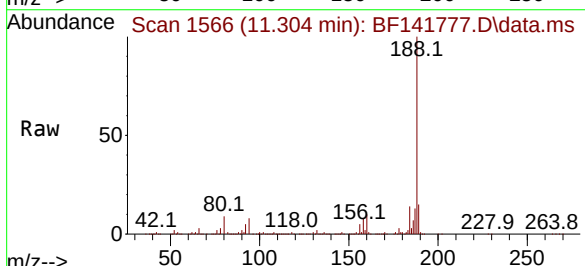
Tgt Ion: 188 Resp: 319305

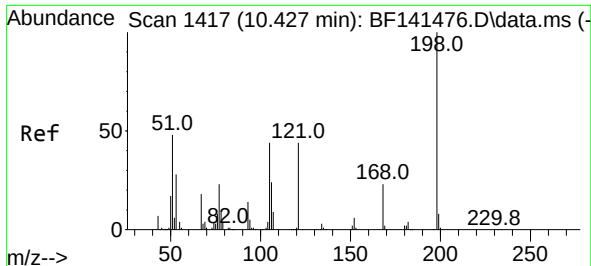
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.2 7.3 10.9

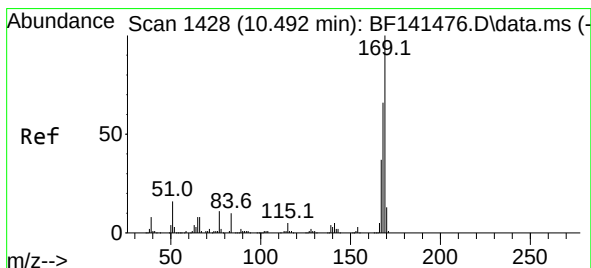
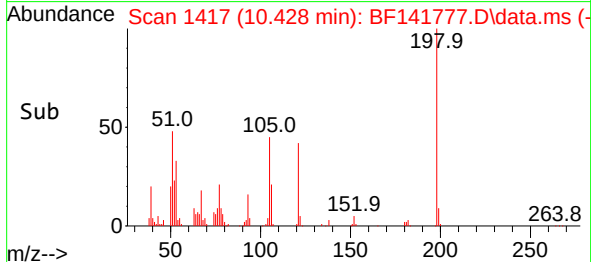
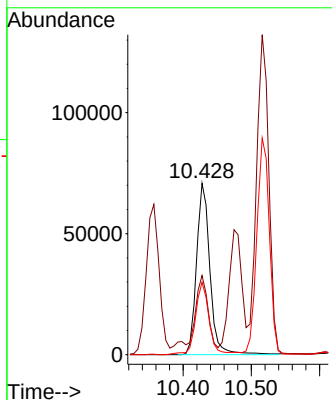
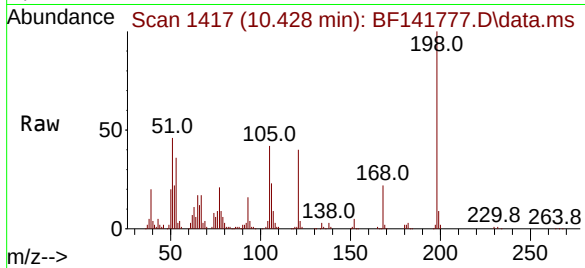




#65
4,6-Dinitro-2-methylphenol
Concen: 43.640 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

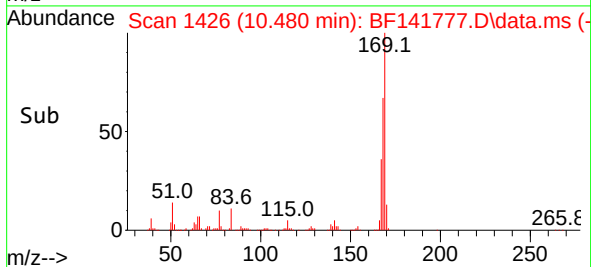
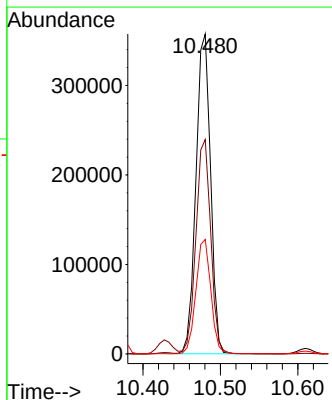
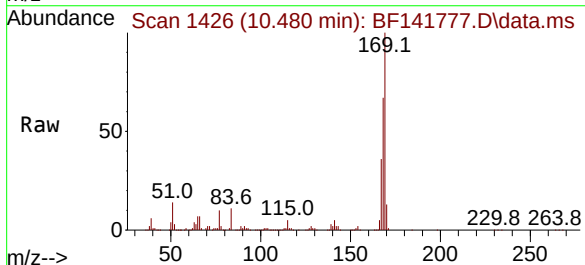
Instrument :
BNA_F
ClientSampleId :
PB166853BS

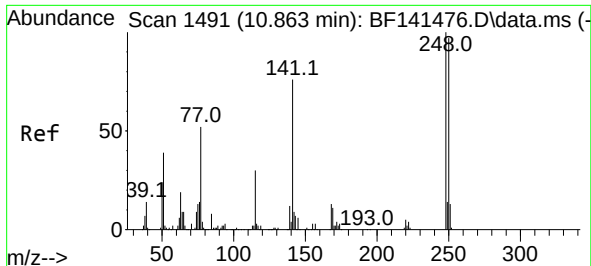
Tgt Ion:198 Resp: 96796
Ion Ratio Lower Upper
198 100
51 46.2 37.4 77.4
105 42.3 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 45.682 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:169 Resp: 466927
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 35.8 29.4 44.2

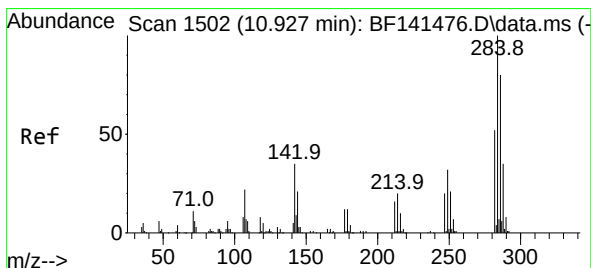
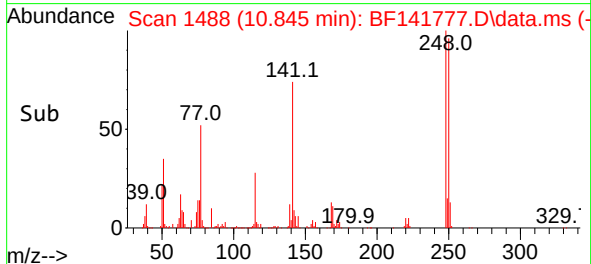
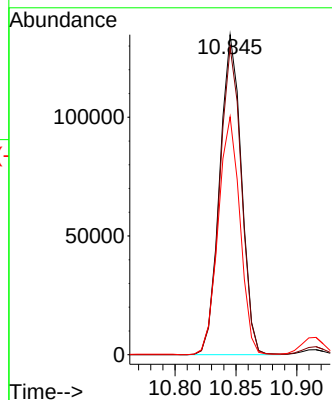
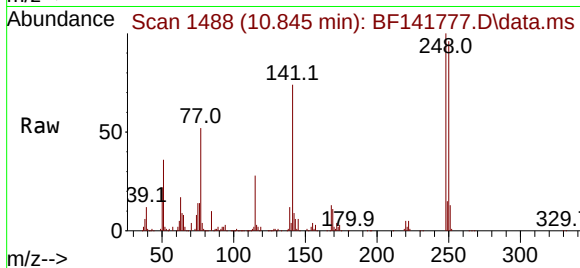




#67
4-Bromophenyl-phenylether
Concen: 46.912 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

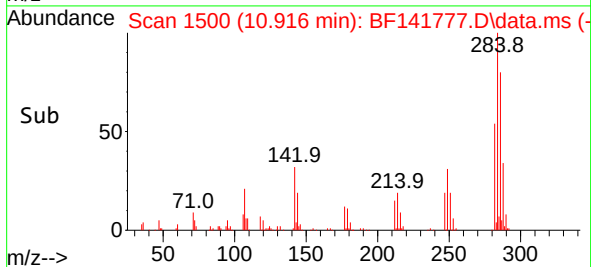
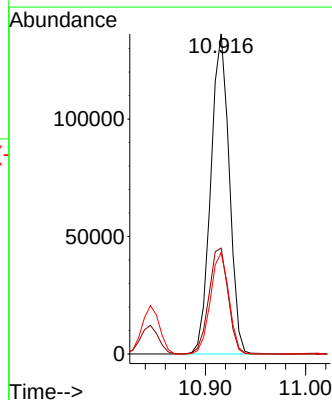
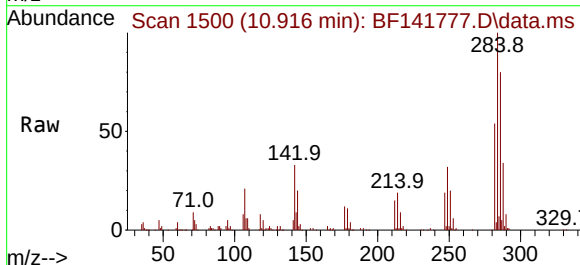
Instrument :
BNA_F
ClientSampleId :
PB166853BS

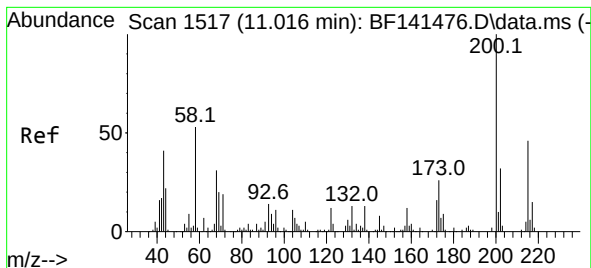
Tgt Ion:248 Resp: 167414
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 74.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.354 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:284 Resp: 174013
Ion Ratio Lower Upper
284 100
142 33.1 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 59.801 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

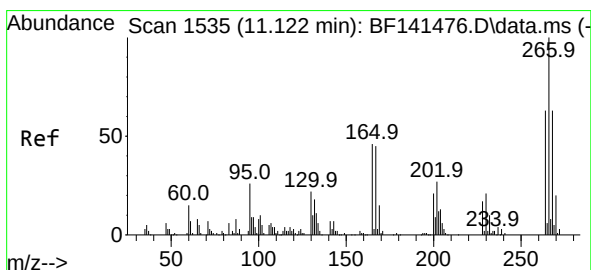
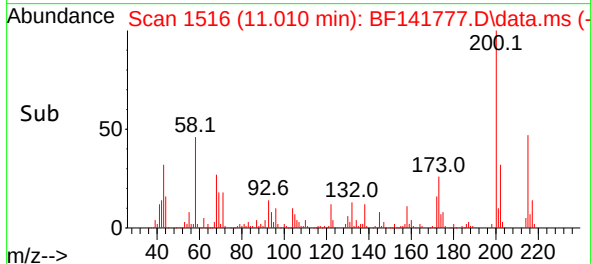
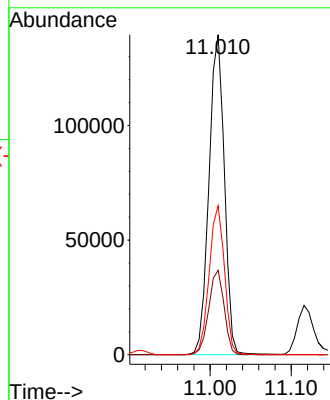
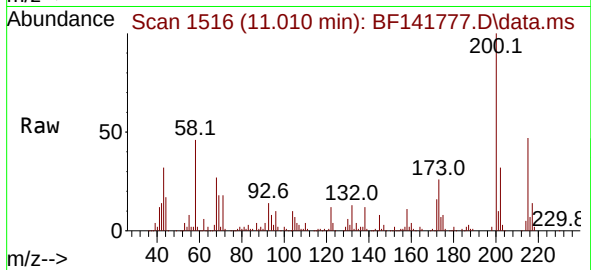
Tgt Ion:200 Resp: 183372

Ion Ratio Lower Upper

200 100

173 26.4 5.9 45.9

215 46.5 25.9 65.9



#70

Pentachlorophenol

Concen: 73.399 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

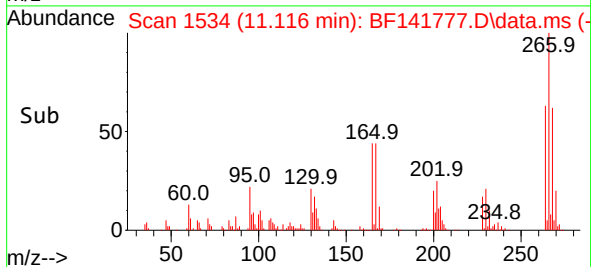
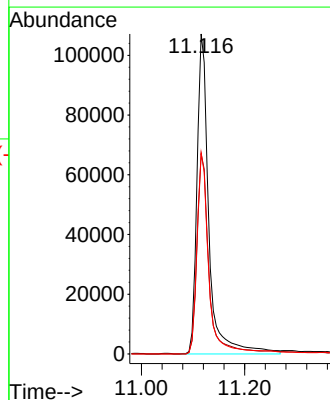
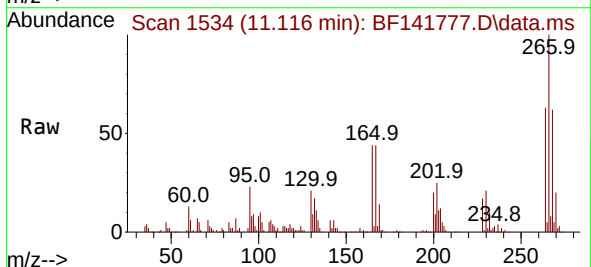
Tgt Ion:266 Resp: 172467

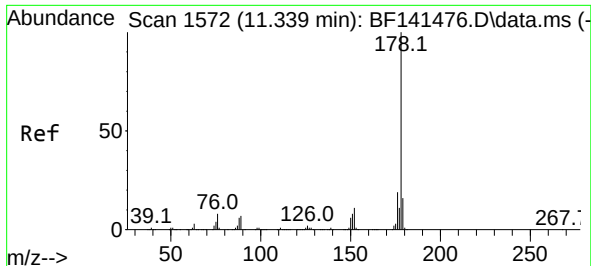
Ion Ratio Lower Upper

266 100

268 62.5 50.1 75.1

264 62.9 50.1 75.1

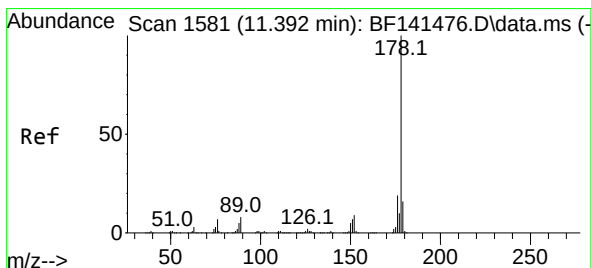
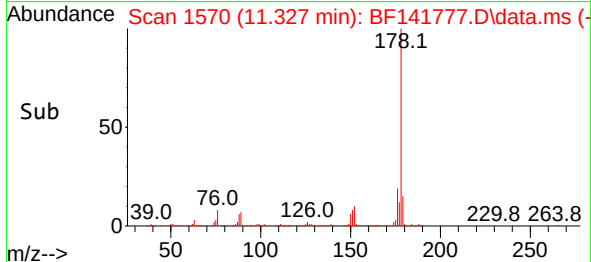
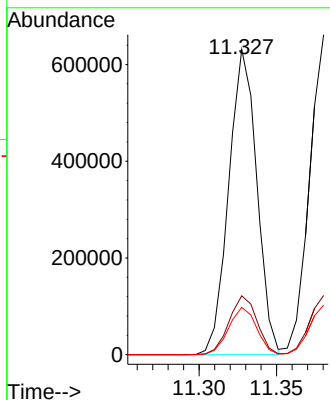
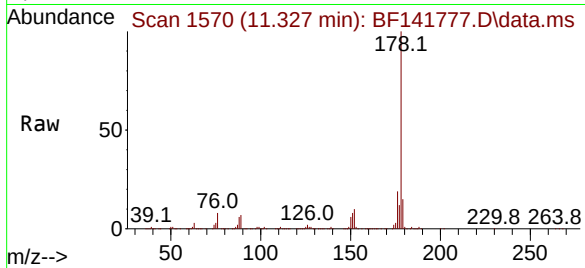




#71
Phenanthrene
Concen: 45.252 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

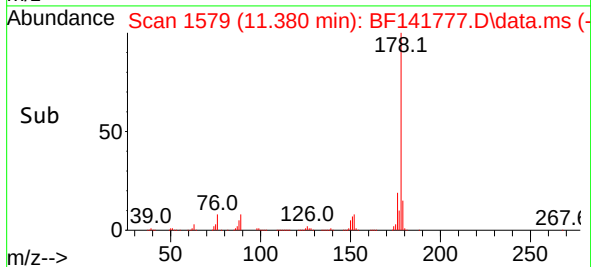
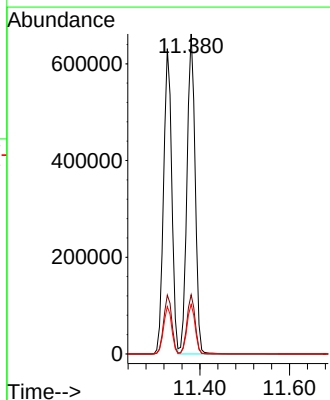
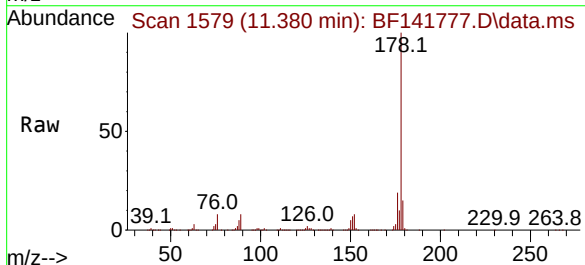
Instrument :
BNA_F
ClientSampleId :
PB166853BS

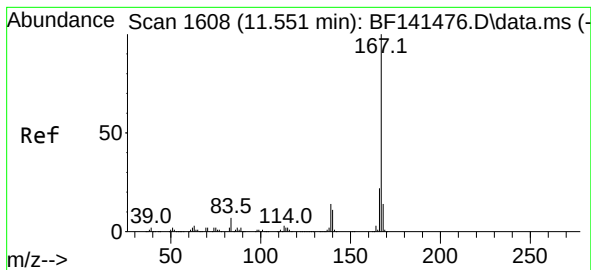
Tgt Ion:178 Resp: 795359
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 47.256 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:178 Resp: 834948
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 44.880 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

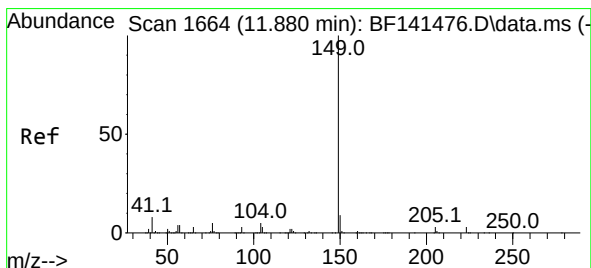
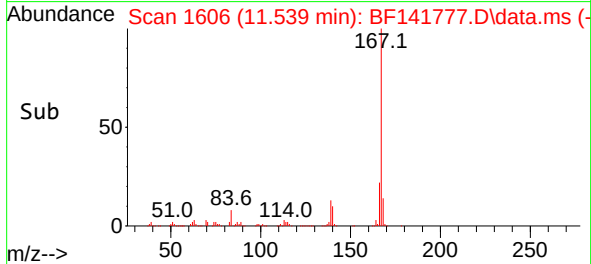
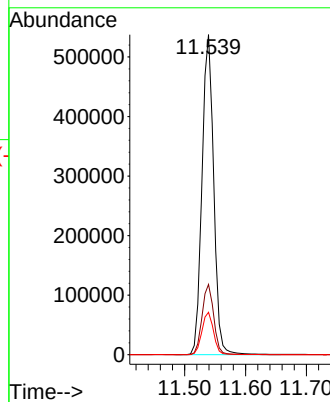
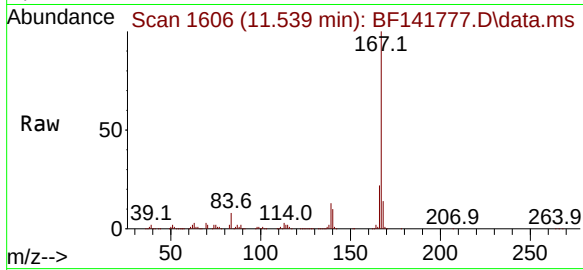
Tgt Ion:167 Resp: 713496

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.846 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

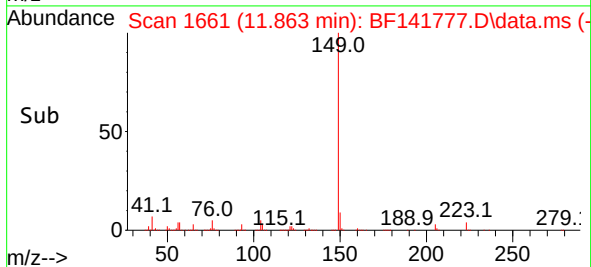
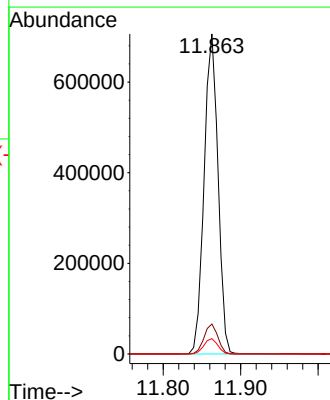
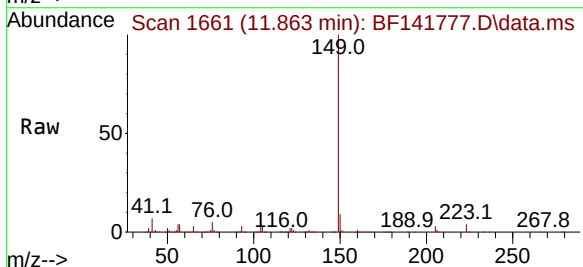
Tgt Ion:149 Resp: 878298

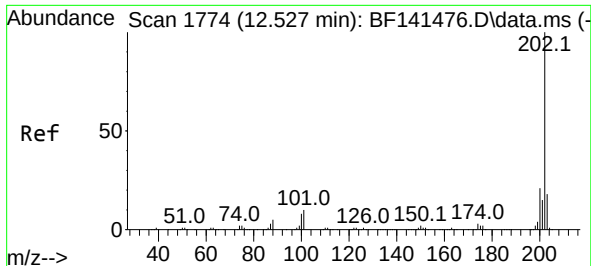
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

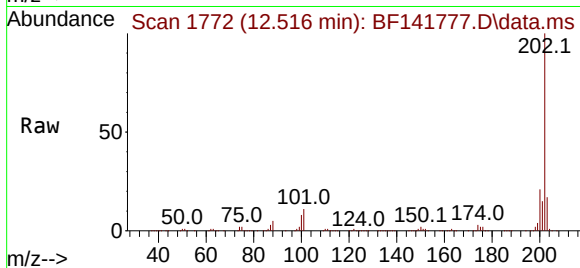
104 4.8 4.2 6.2



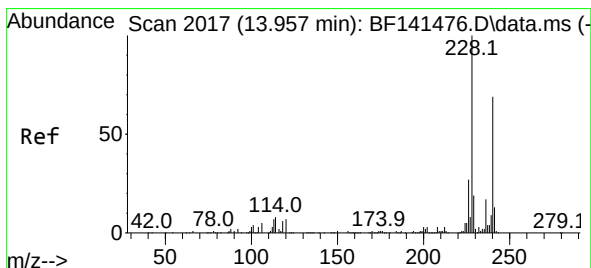
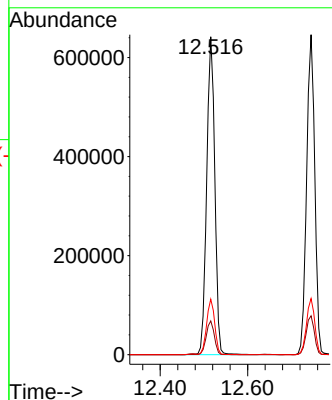
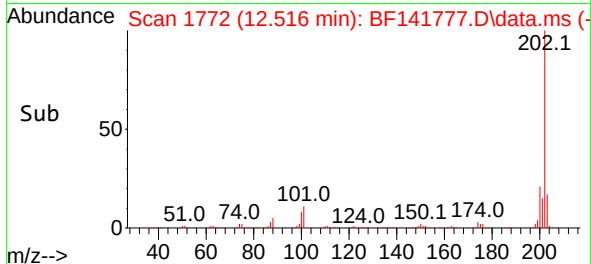


#75
Fluoranthene
Concen: 44.684 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB166853BS

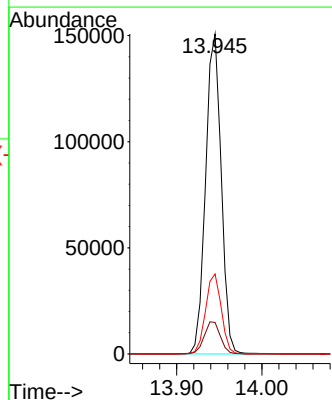
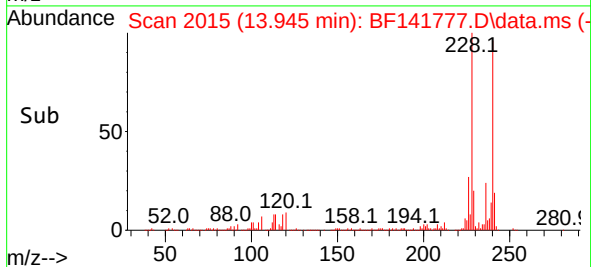
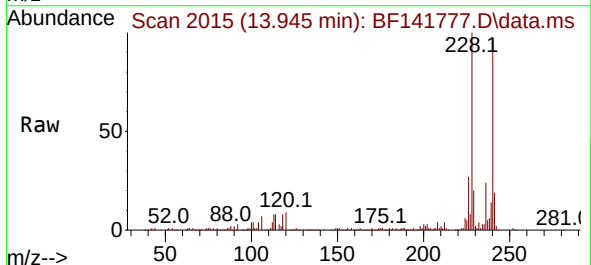


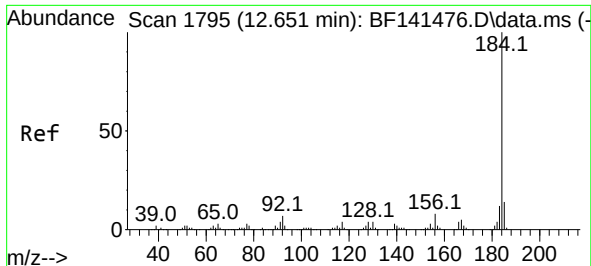
Tgt Ion:202 Resp: 832656
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:240 Resp: 191917
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.0 19.8 29.8

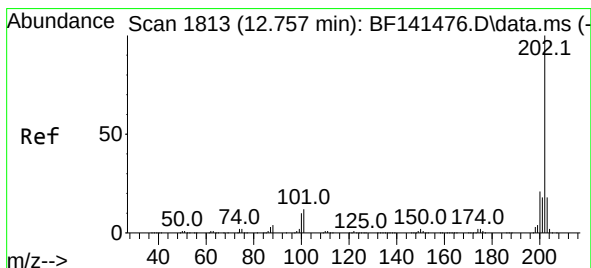
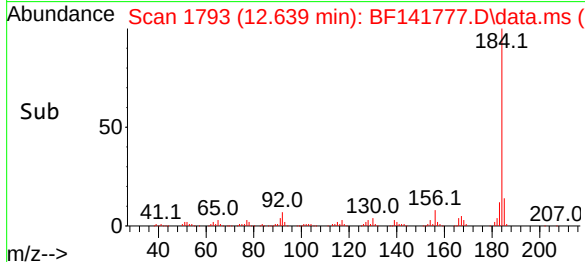
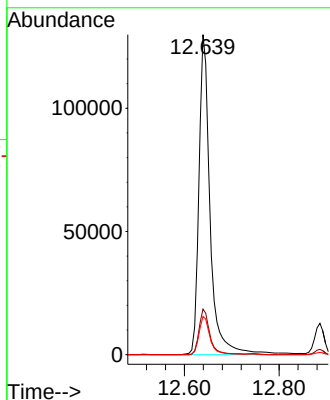
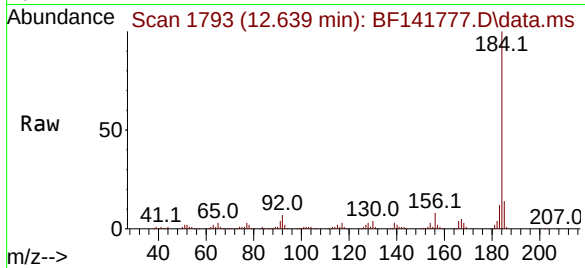




#77
Benzidine
Concen: 50.312 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

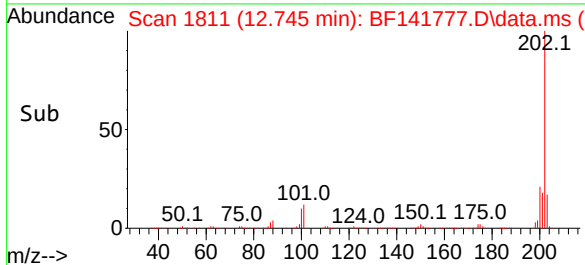
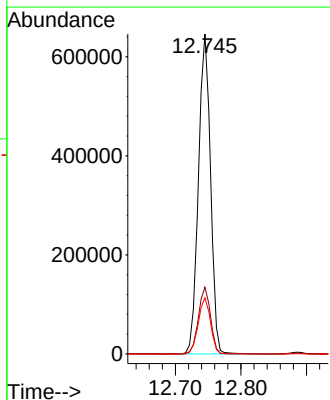
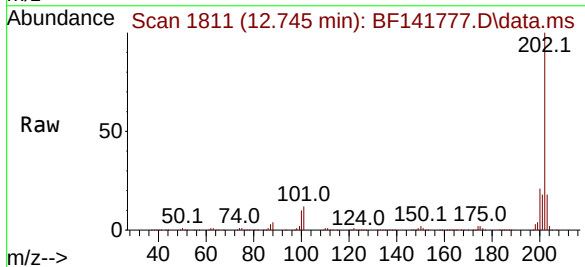
Instrument :
BNA_F
ClientSampleId :
PB166853BS

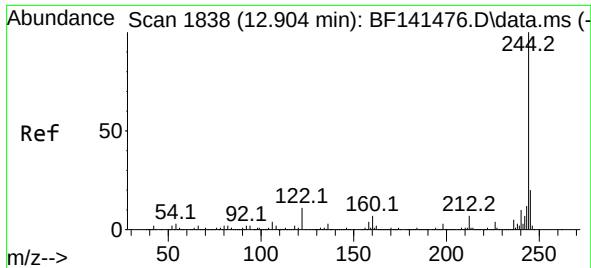
Tgt Ion:184 Resp: 212949
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 50.774 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:202 Resp: 829507
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.5 14.3 21.5

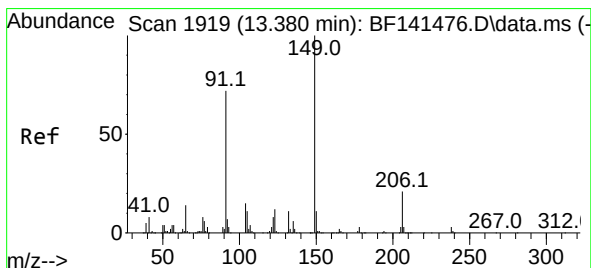
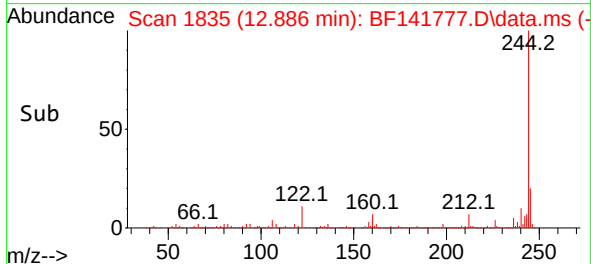
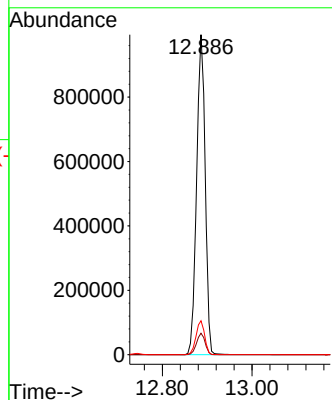
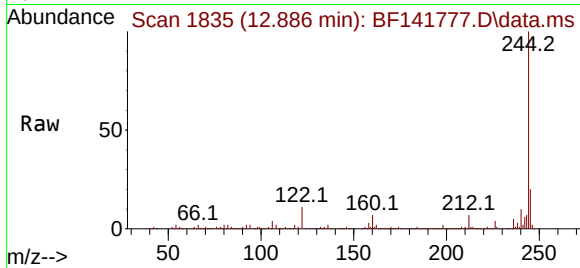




#79
 Terphenyl-d14
 Concen: 116.067 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

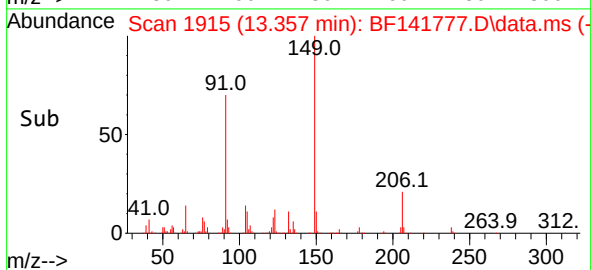
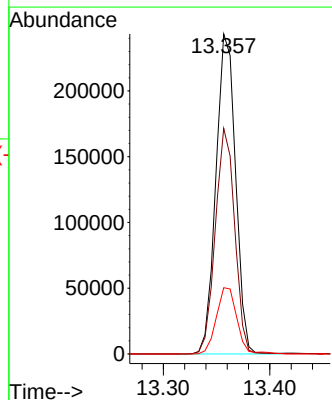
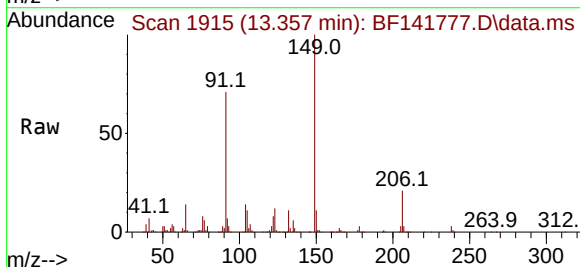
Instrument :
 BNA_F
 ClientSampleId :
 PB166853BS

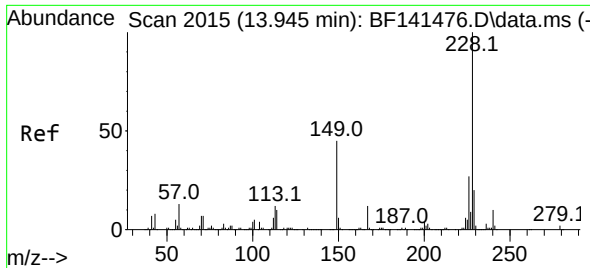
Tgt Ion:244 Resp: 1319483
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 55.088 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141777.D
 Acq: 26 Feb 2025 12:19

Tgt Ion:149 Resp: 311733
 Ion Ratio Lower Upper
 149 100
 91 70.5 57.8 86.8
 206 20.7 16.7 25.1

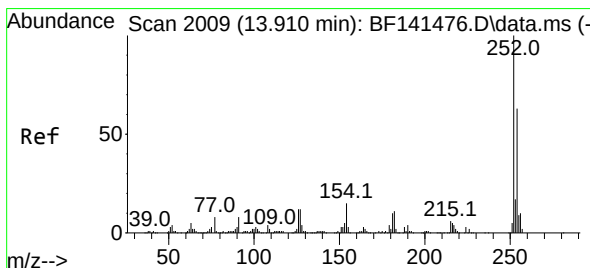
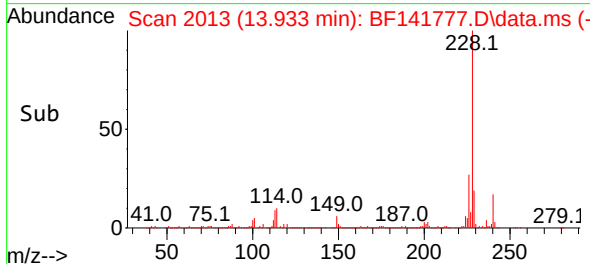
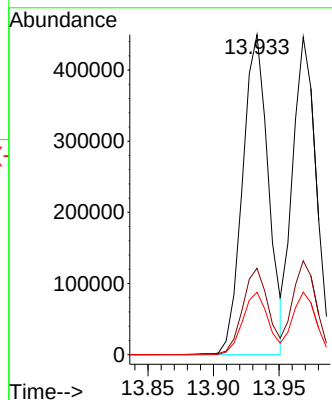
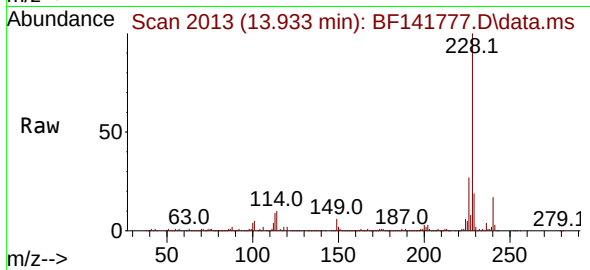




#81
Benzo(a)anthracene
Concen: 48.337 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

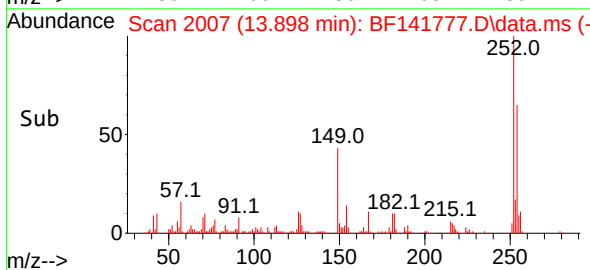
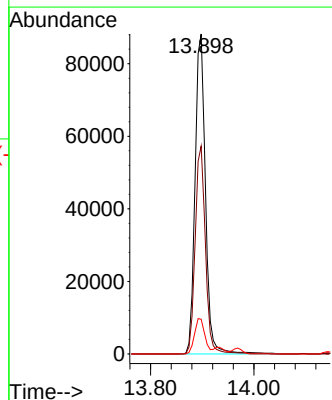
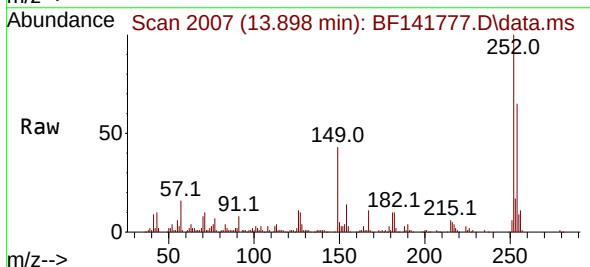
Instrument :
BNA_F
ClientSampleId :
PB166853BS

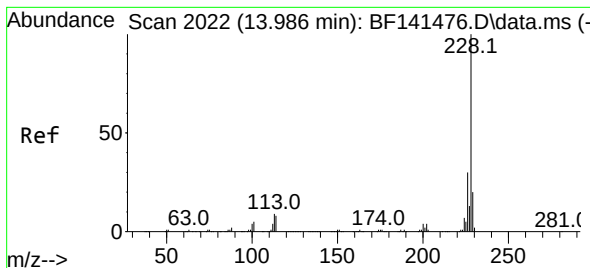
Tgt Ion:228 Resp: 616649
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.760 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:252 Resp: 123372
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 10.8 9.3 13.9





#83

Chrysene

Concen: 47.140 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

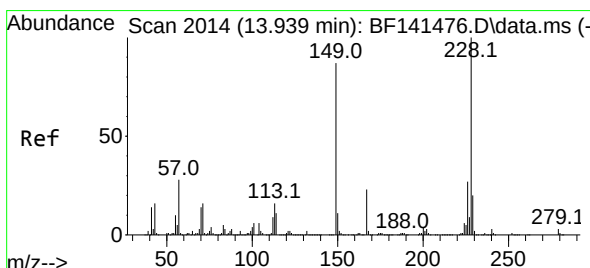
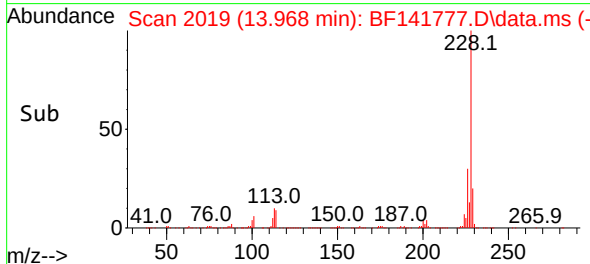
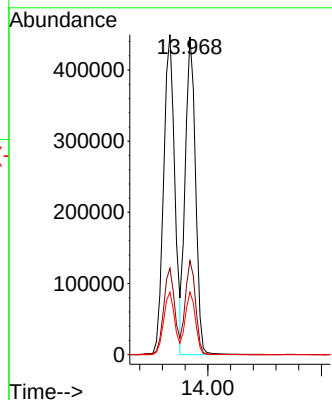
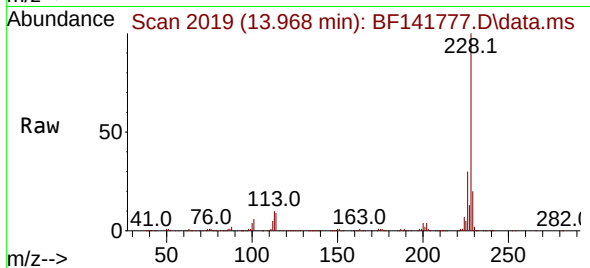
Tgt Ion:228 Resp: 555284

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.830 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

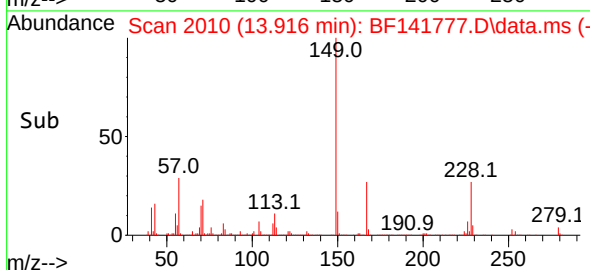
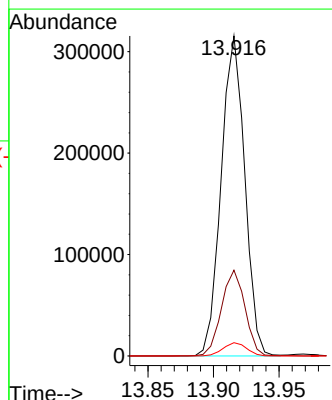
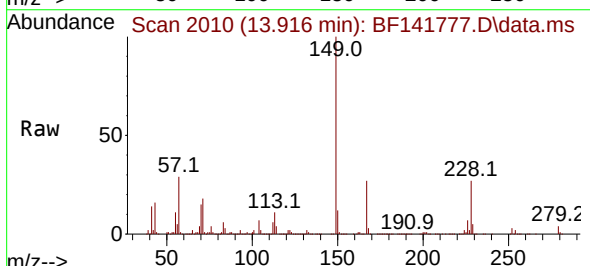
Tgt Ion:149 Resp: 394616

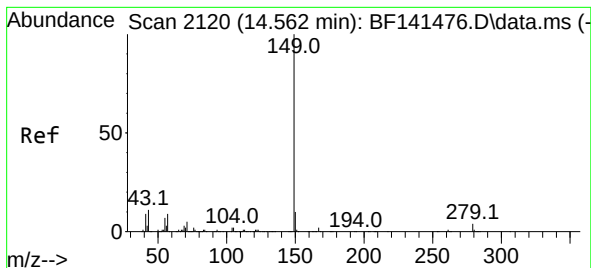
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 62.150 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

Instrument :

BNA_F

ClientSampleId :

PB166853BS

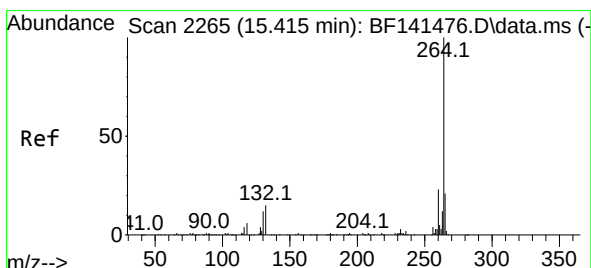
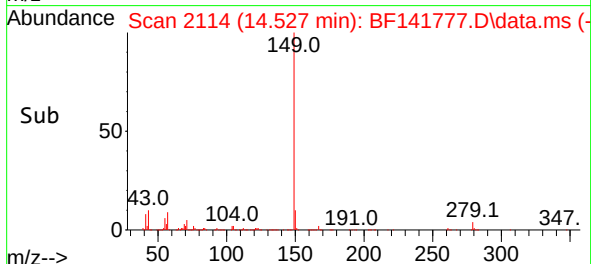
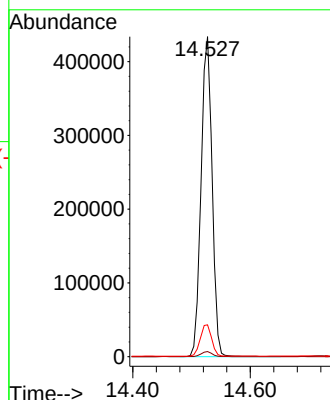
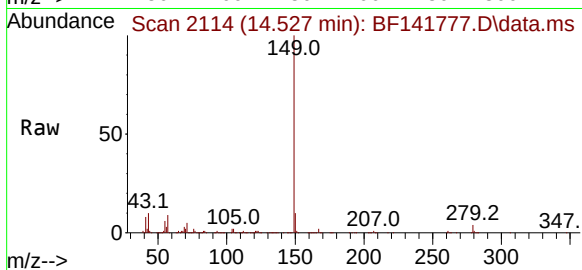
Tgt Ion:149 Resp: 565858

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141777.D

Acq: 26 Feb 2025 12:19

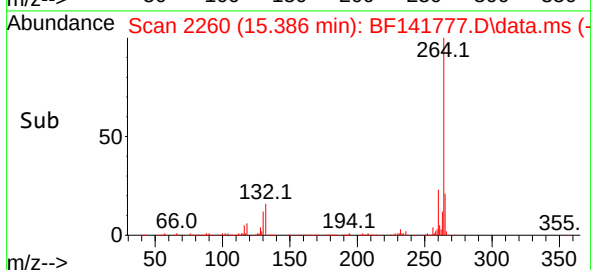
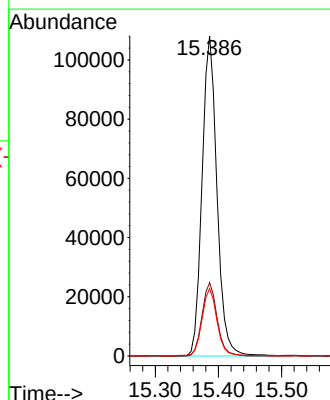
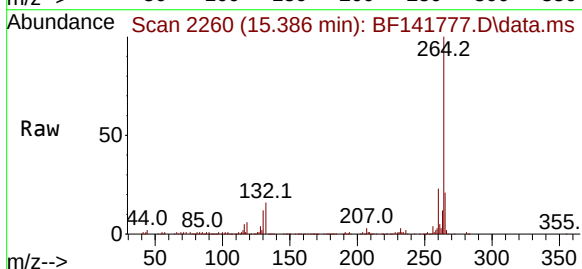
Tgt Ion:264 Resp: 177241

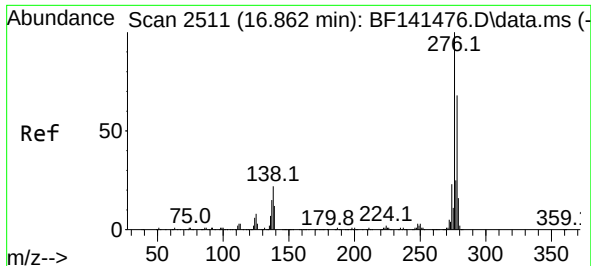
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.0 17.0 25.4

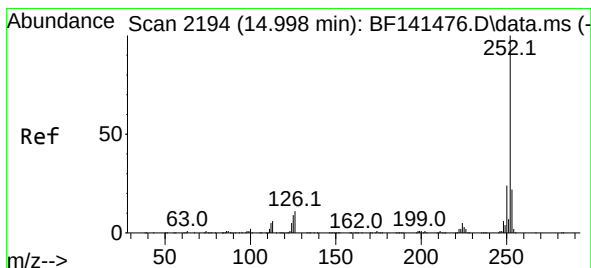
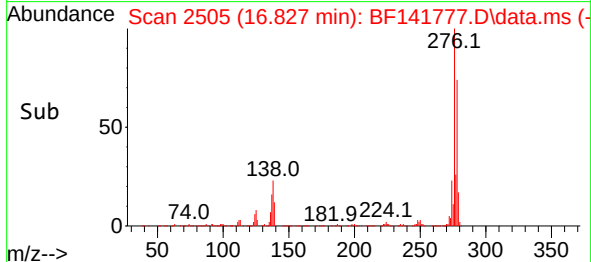
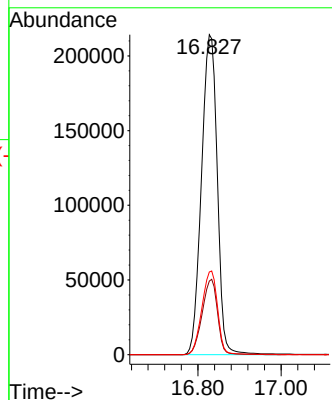
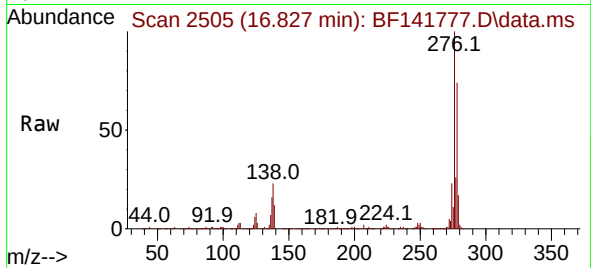




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.672 ng
RT: 16.827 min Scan# 2189
Delta R.T. -0.047 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

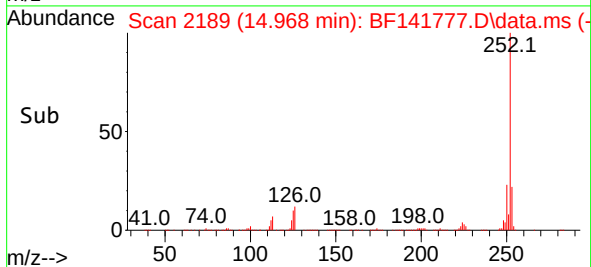
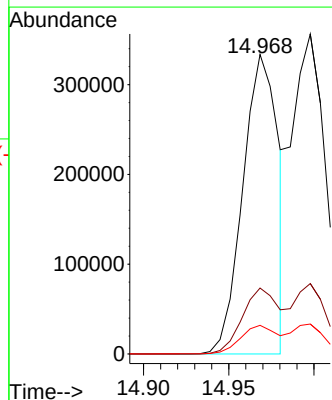
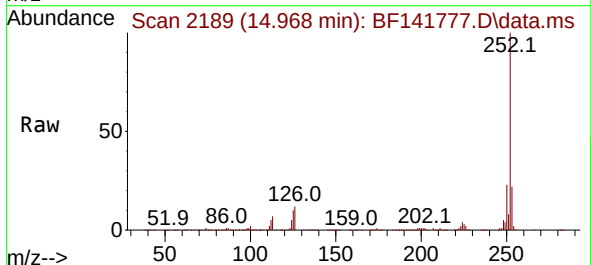
Instrument :
BNA_F
ClientSampleId :
PB166853BS

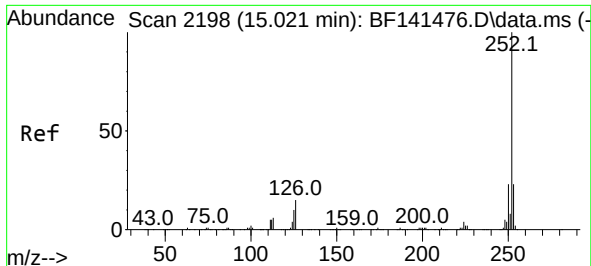
Tgt Ion:276 Resp: 565885
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 40.451 ng
RT: 14.968 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:252 Resp: 481397
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.6 7.0 10.6

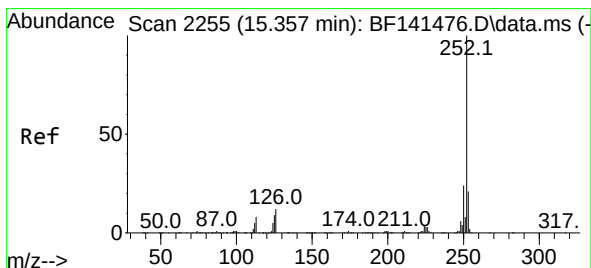
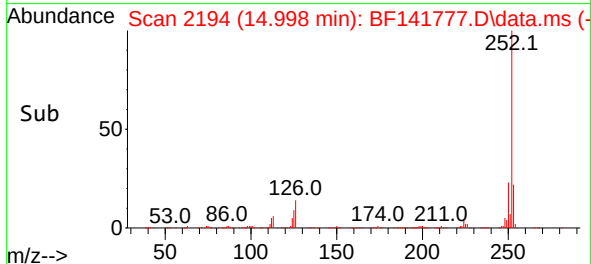
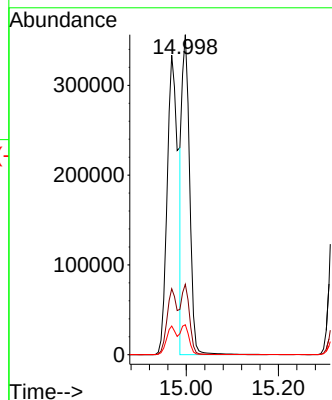
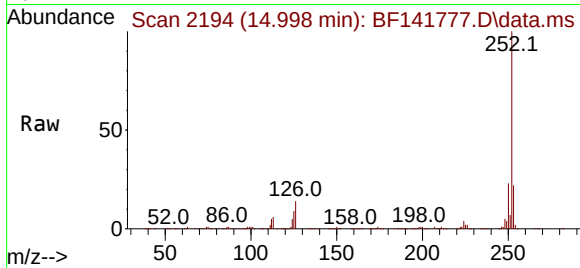




#89
Benzo(k)fluoranthene
Concen: 40.490 ng
RT: 14.998 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

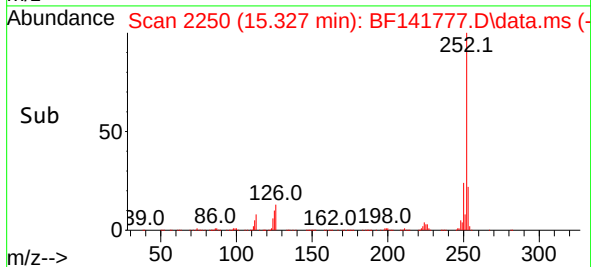
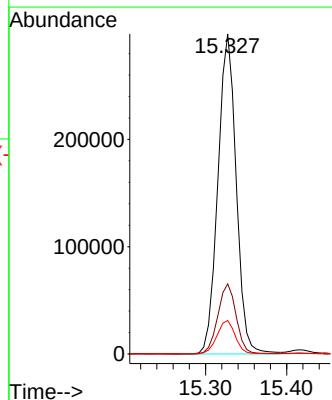
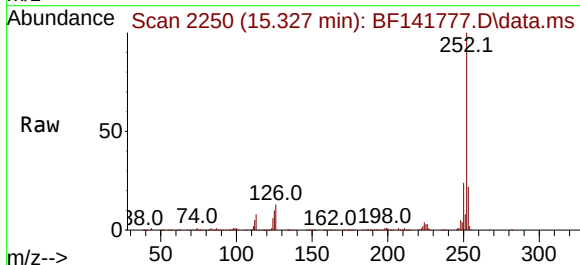
Instrument :
BNA_F
ClientSampleId :
PB166853BS

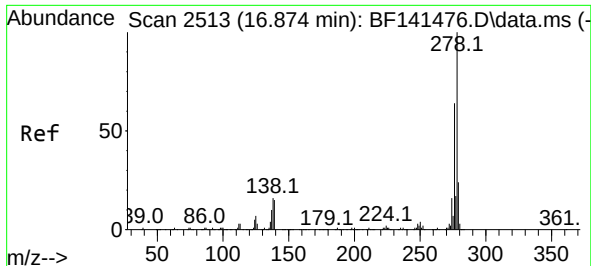
Tgt Ion:252 Resp: 411471
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.614 ng
RT: 15.327 min Scan# 2250
Delta R.T. -0.035 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:252 Resp: 468144
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.4 7.4 11.2

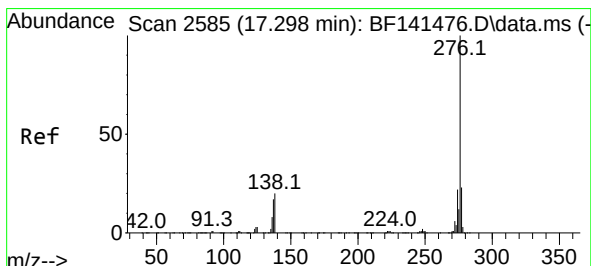
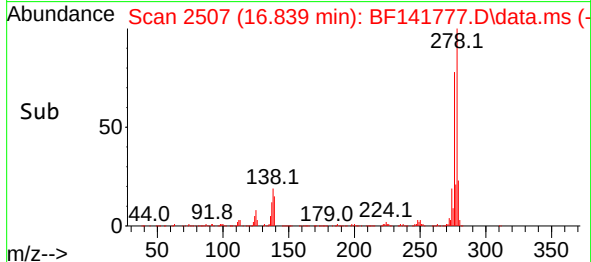
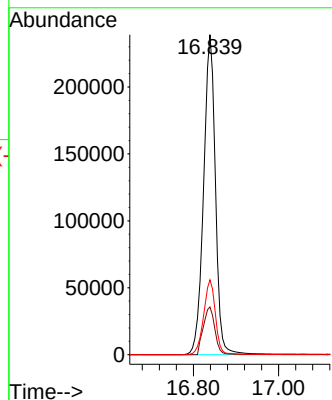
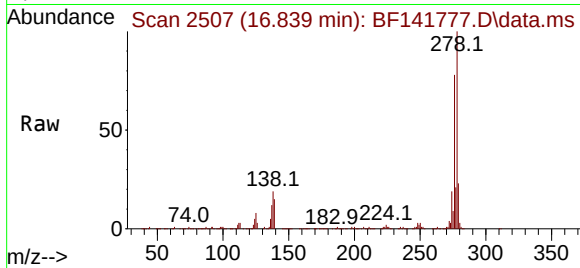




#91
Dibenzo(a,h)anthracene
Concen: 52.001 ng
RT: 16.839 min Scan# 21
Delta R.T. -0.053 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Instrument :
BNA_F
ClientSampleId :
PB166853BS

Tgt Ion:278 Resp: 461450
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.372 ng
RT: 17.262 min Scan# 2579
Delta R.T. -0.053 min
Lab File: BF141777.D
Acq: 26 Feb 2025 12:19

Tgt Ion:276 Resp: 439909
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 20.1 15.9 23.9

