

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140785.D
 Acq On : 09 Dec 2024 13:13
 Operator : RC/JU
 Sample : PB165432BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165432BS

Quant Time: Dec 09 14:43:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	74041	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	285606	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	160534	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	304861	20.000	ng	0.00
76) Chrysene-d12	14.051	240	195558	20.000	ng	0.00
86) Perylene-d12	15.545	264	141616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	617461	142.288	ng	0.01
7) Phenol-d6	6.510	99	800602	139.553	ng	0.00
23) Nitrobenzene-d5	7.428	82	517658	92.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	250496	145.898	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1022931	94.940	ng	-0.01
79) Terphenyl-d14	12.980	244	1185336	94.382	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	78352	42.944	ng	99
3) Pyridine	3.493	79	193458	48.191	ng	99
4) n-Nitrosodimethylamine	3.445	42	106248	45.032	ng	93
6) Aniline	6.534	93	200799	49.728	ng	87
8) 2-Chlorophenol	6.657	128	232496	49.799	ng	96
9) Benzaldehyde	6.422	77	42317	13.934	ng	97
10) Phenol	6.528	94	291578	49.767	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	226999	50.632	ng	98
12) 1,3-Dichlorobenzene	6.804	146	244825	46.670	ng	98
13) 1,4-Dichlorobenzene	6.881	146	247359	46.569	ng	100
14) 1,2-Dichlorobenzene	7.033	146	240035	48.227	ng	98
15) Benzyl Alcohol	7.010	79	206091	48.441	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.133	45	257687	48.652	ng	68
17) 2-Methylphenol	7.128	107	184431	49.350	ng	96
18) Hexachloroethane	7.369	117	91862	46.305	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	165296	48.753	ng	98
20) 3+4-Methylphenols	7.281	107	242964	50.580	ng	91
22) Acetophenone	7.275	105	320774	46.069	ng	95
24) Nitrobenzene	7.451	77	253205	43.876	ng	98
25) Isophorone	7.686	82	446359	47.928	ng	100
26) 2-Nitrophenol	7.763	139	123884	48.441	ng	97
27) 2,4-Dimethylphenol	7.804	122	176593	57.712	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	266856	47.035	ng	99
29) 2,4-Dichlorophenol	8.016	162	198214	48.887	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	209023	45.151	ng	99
31) Naphthalene	8.169	128	688857	46.825	ng	99
32) Benzoic acid	7.945	122	101267	39.525	ng	96
33) 4-Chloroaniline	8.222	127	119461	27.122	ng	98
34) Hexachlorobutadiene	8.280	225	136467	44.505	ng	99
35) Caprolactam	8.592	113	33048	26.338	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	216961	47.793	ng	98
37) 2-Methylnaphthalene	8.857	142	453921	48.579	ng	99
38) 1-Methylnaphthalene	8.957	142	418495	45.693	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	219251	46.653	ng	99
41) Hexachlorocyclopentadiene	9.010	237	129821	118.984	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	139572	47.329	ng	99

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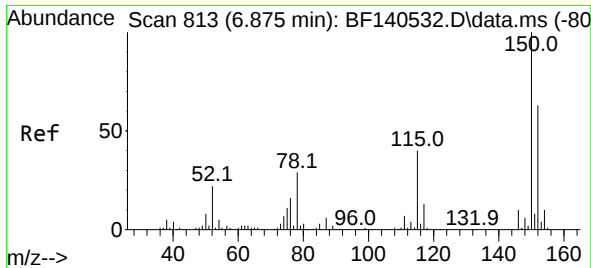
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	147816	46.186	ng	97
46) 1,1'-Biphenyl	9.322	154	568054	47.395	ng	99
47) 2-Chloronaphthalene	9.351	162	417234	45.942	ng	98
48) 2-Nitroaniline	9.451	65	137698	47.237	ng	98
49) Acenaphthylene	9.769	152	697003	50.795	ng	100
50) Dimethylphthalate	9.622	163	511708	48.399	ng	100
51) 2,6-Dinitrotoluene	9.692	165	112727	47.012	ng	96
52) Acenaphthene	9.939	154	419419	48.105	ng	100
53) 3-Nitroaniline	9.869	138	73294	31.253	ng	95
54) 2,4-Dinitrophenol	9.986	184	110022	87.755	ng	93
55) Dibenzofuran	10.110	168	627268	47.167	ng	99
56) 4-Nitrophenol	10.051	139	136451	85.313	ng	96
57) 2,4-Dinitrotoluene	10.104	165	151044	47.397	ng	95
58) Fluorene	10.457	166	510311	47.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	124603	50.658	ng	91
60) Diethylphthalate	10.322	149	506441	47.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	253381	48.367	ng	95
62) 4-Nitroaniline	10.486	138	117583	47.805	ng	96
63) Azobenzene	10.604	77	485982	47.773	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81575	52.364	ng	97
66) n-Nitrosodiphenylamine	10.563	169	440615	48.873	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	152081	48.440	ng	97
68) Hexachlorobenzene	11.004	284	170335	46.855	ng	97
69) Atrazine	11.092	200	139437	54.978	ng	100
70) Pentachlorophenol	11.210	266	134434	84.021	ng	99
71) Phenanthrene	11.421	178	725414	49.502	ng	99
72) Anthracene	11.474	178	740018	51.624	ng	99
73) Carbazole	11.633	167	692954	50.250	ng	99
74) Di-n-butylphthalate	11.951	149	768513	48.271	ng	99
75) Fluoranthene	12.615	202	813726	51.143	ng	100
77) Benzidine	12.739	184	190010	33.419	ng	99
78) Pyrene	12.845	202	835623	46.214	ng	99
80) Butylbenzylphthalate	13.451	149	298566	45.836	ng	98
81) Benzo(a)anthracene	14.039	228	649936	50.207	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	132828	34.176	ng	98
83) Chrysene	14.074	228	586446	49.544	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	348918	42.422	ng	99
85) Di-n-octyl phthalate	14.633	149	449578	39.996	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	470565	50.988	ng	99
88) Benzo(b)fluoranthene	15.109	252	426931	47.996	ng	100
89) Benzo(k)fluoranthene	15.139	252	434144	55.774	ng	100
90) Benzo(a)pyrene	15.486	252	392424	54.259	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	380010	50.278	ng	100
92) Benzo(g,h,i)perylene	17.527	276	362994	47.065	ng	99

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

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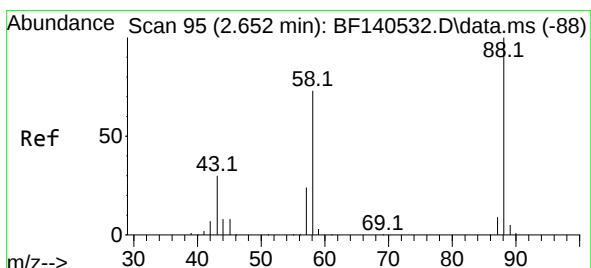
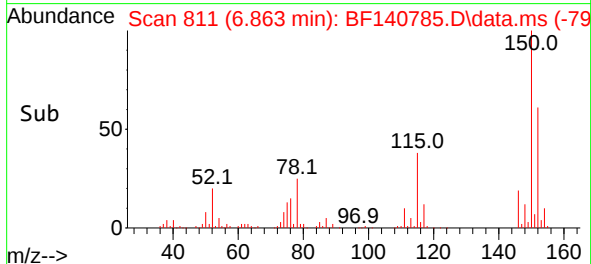
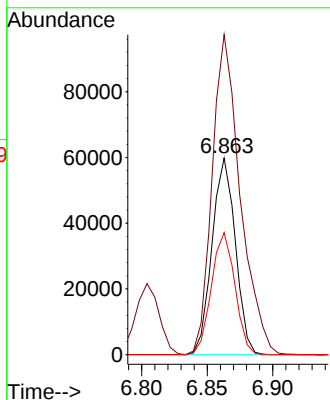
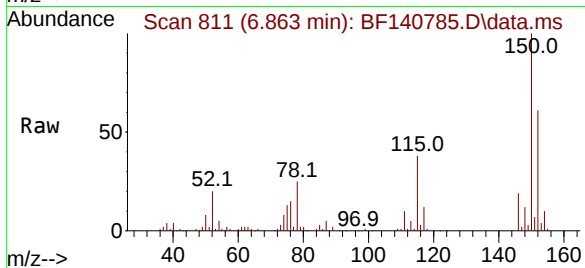




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

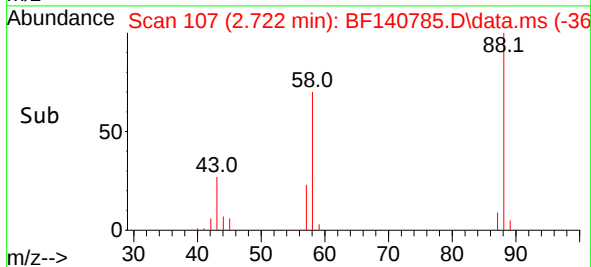
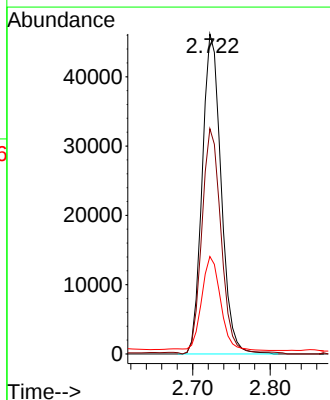
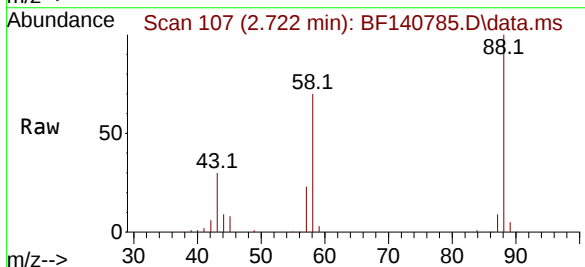
Instrument :
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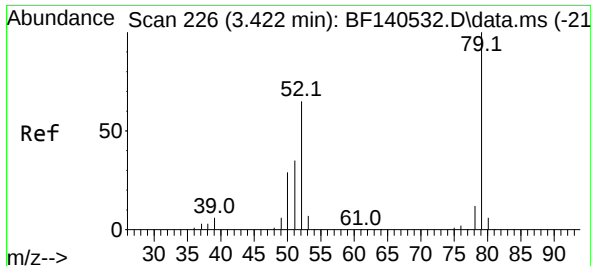
Tgt Ion:152 Resp: 74041
 Ion Ratio Lower Upper
 152 100
 150 162.7 128.5 192.7
 115 62.1 50.2 75.4



#2
 1,4-Dioxane
 Concen: 42.944 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.070 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

Tgt Ion: 88 Resp: 78352
 Ion Ratio Lower Upper
 88 100
 58 72.1 57.4 86.2
 43 29.3 24.3 36.5

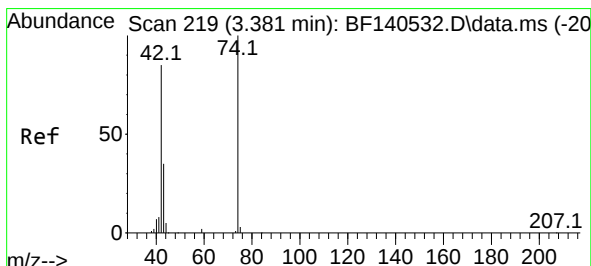
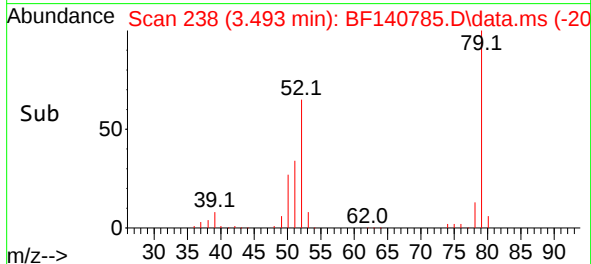
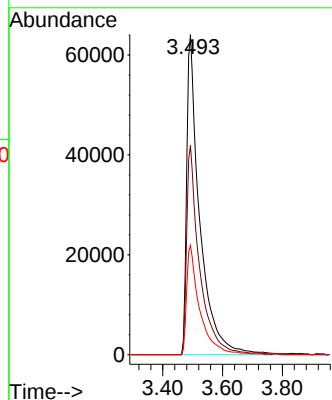
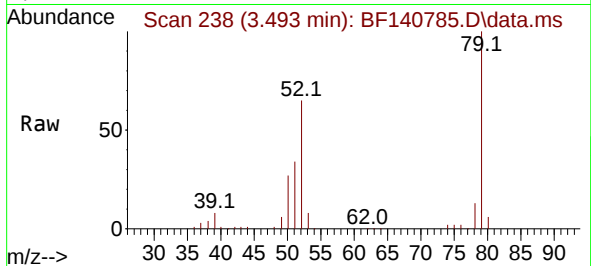




#3
Pyridine
Concen: 48.191 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

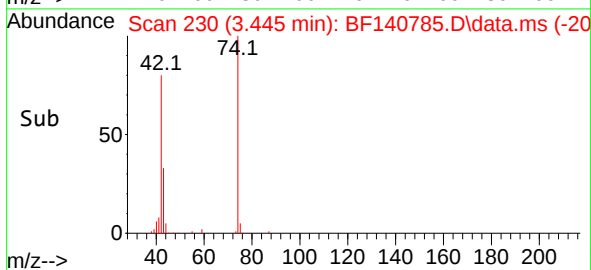
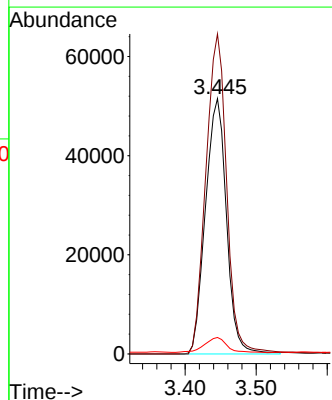
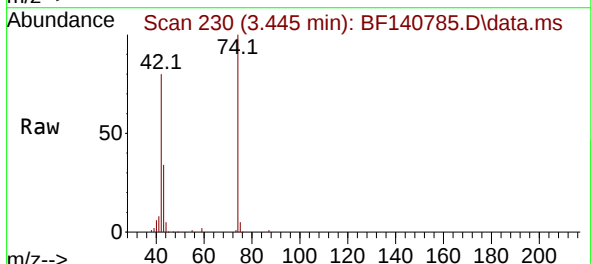
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ClientSampleId :
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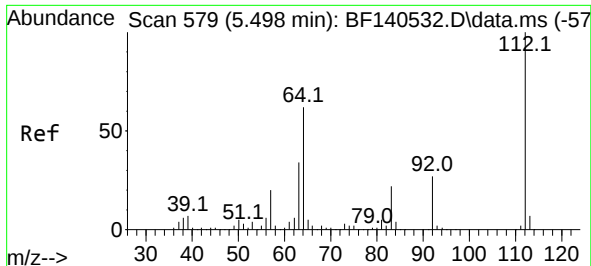
Tgt Ion: 79 Resp: 193458
Ion Ratio Lower Upper
79 100
52 65.4 52.1 78.1
51 34.1 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 45.032 ng
RT: 3.445 min Scan# 230
Delta R.T. 0.065 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 42 Resp: 106248
Ion Ratio Lower Upper
42 100
74 125.3 93.8 140.6
44 6.4 4.6 6.8

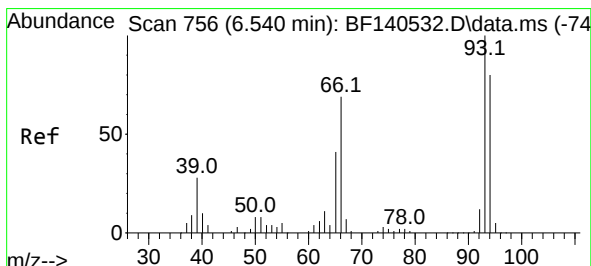
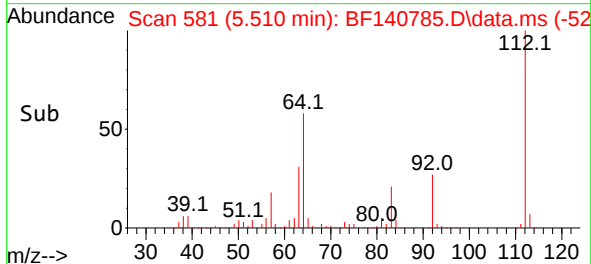
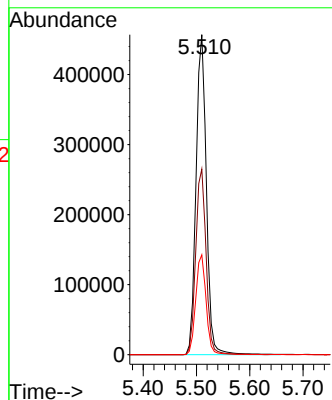
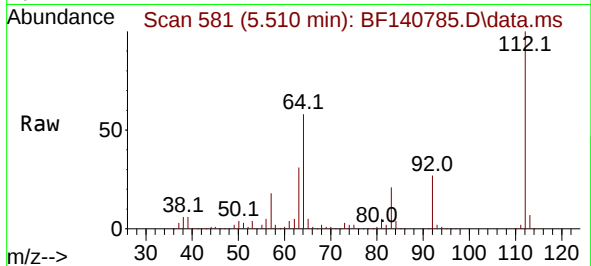




#5
2-Fluorophenol
Concen: 142.288 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

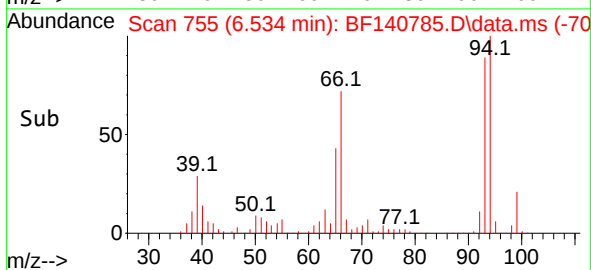
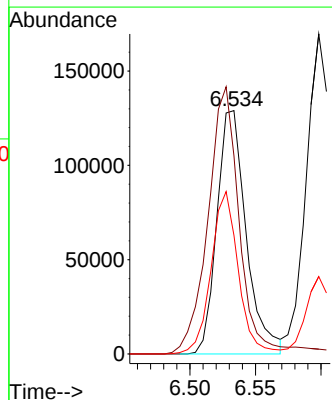
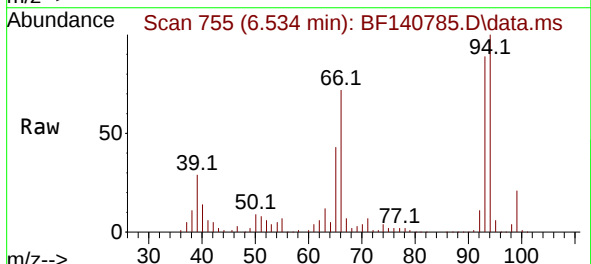
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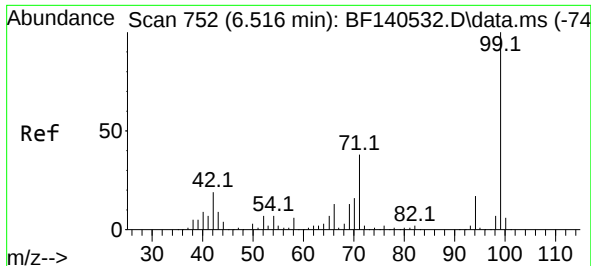
Tgt Ion:112 Resp: 617461
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 31.2 27.0 40.4



#6
Aniline
Concen: 49.728 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 93 Resp: 200799
Ion Ratio Lower Upper
93 100
66 81.4 56.5 84.7
65 48.7 32.9 49.3

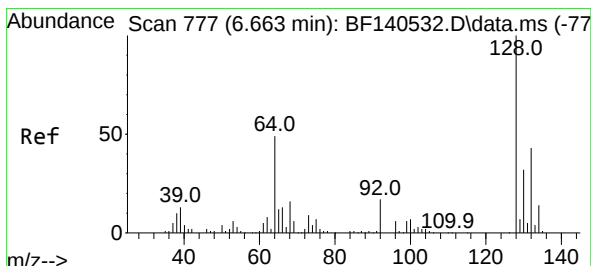
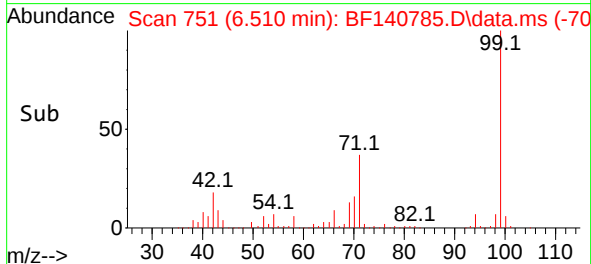
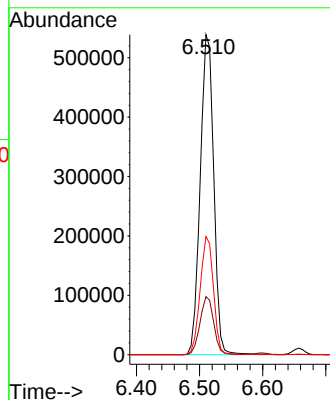
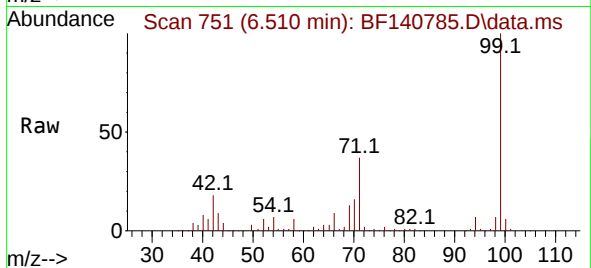




#7
Phenol-d6
Concen: 139.553 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

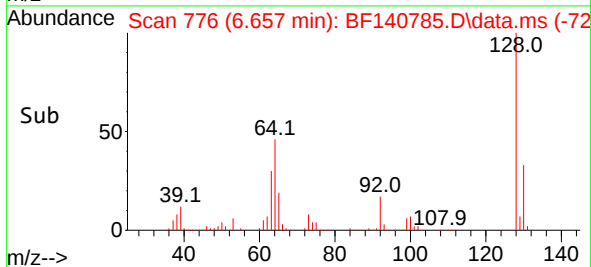
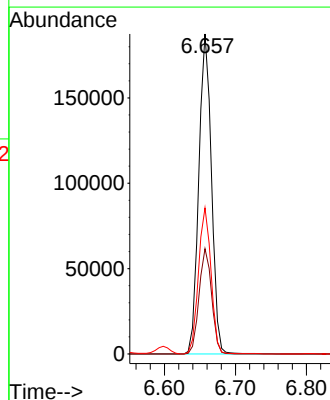
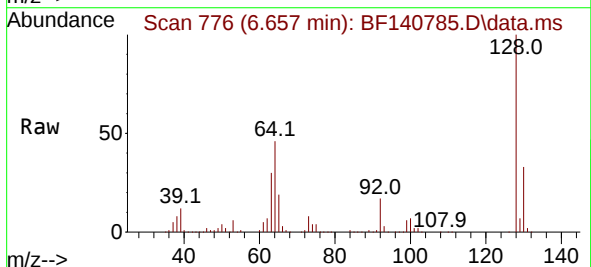
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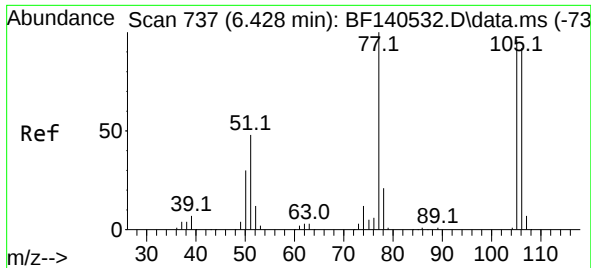
Tgt Ion: 99 Resp: 800602
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.9 30.6 46.0



#8
2-Chlorophenol
Concen: 49.799 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 128 Resp: 232496
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.7 30.2 70.2





#9

Benzaldehyde

Concen: 13.934 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

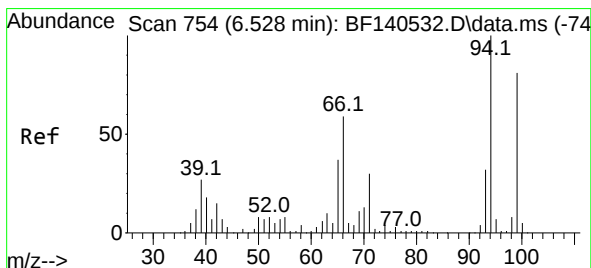
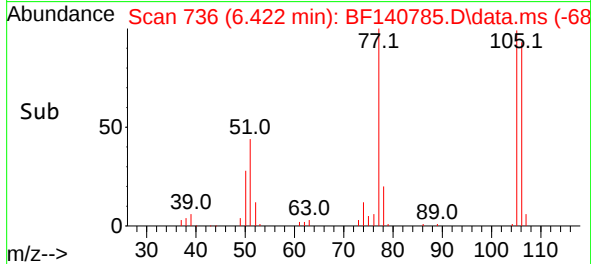
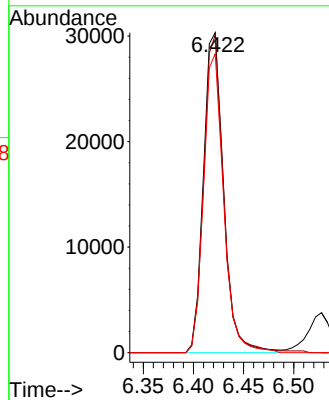
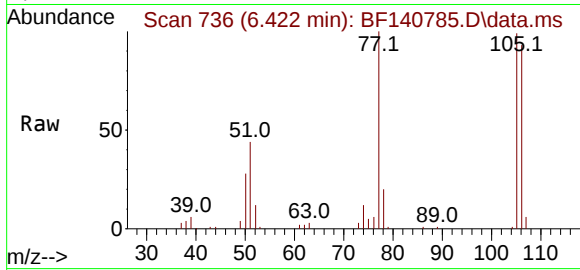
Tgt Ion: 77 Resp: 42317

Ion Ratio Lower Upper

77 100

105 99.3 75.6 115.6

106 93.4 72.0 112.0



#10

Phenol

Concen: 49.767 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

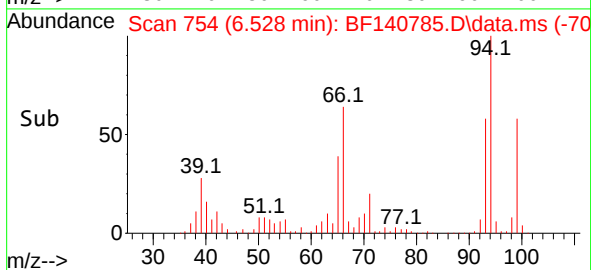
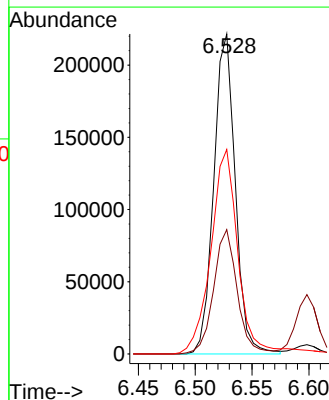
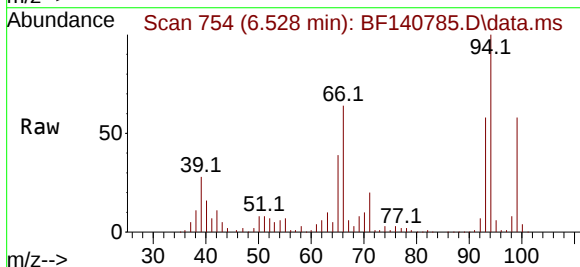
Tgt Ion: 94 Resp: 291578

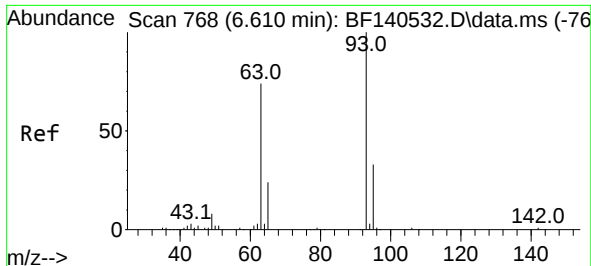
Ion Ratio Lower Upper

94 100

65 38.9 17.2 57.2

66 63.9 39.2 79.2

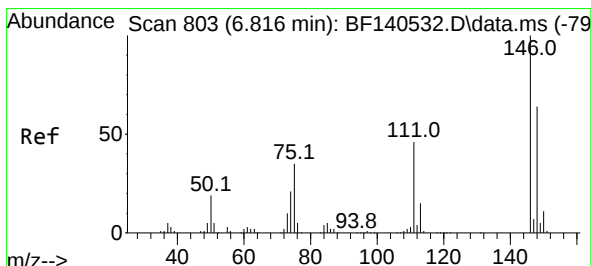
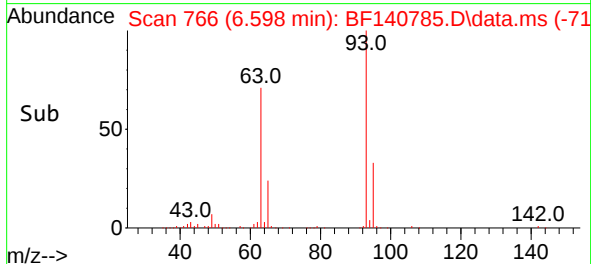
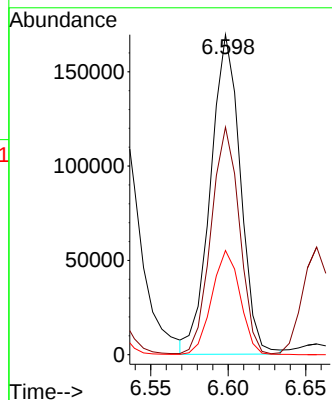
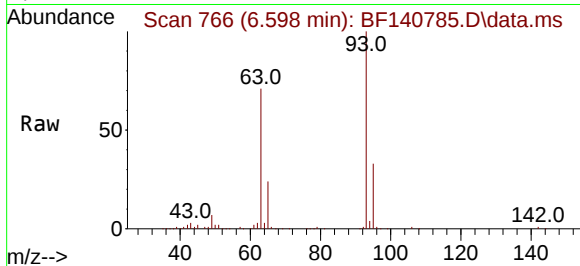




#11
bis(2-Chloroethyl)ether
Concen: 50.632 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

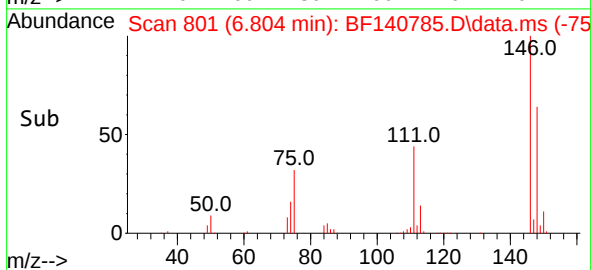
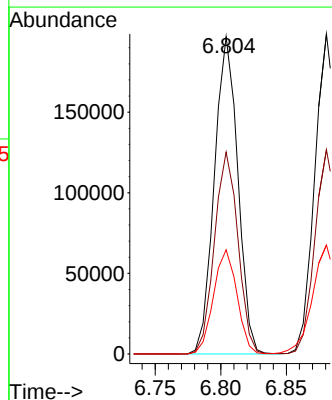
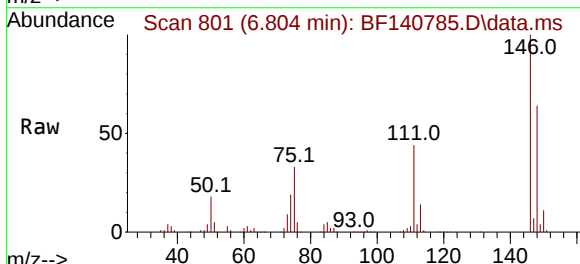
Instrument :
BNA_F
ClientSampleId :
PB165432BS

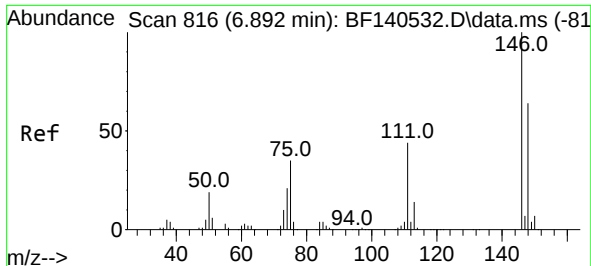
Tgt Ion: 93 Resp: 226999
Ion Ratio Lower Upper
93 100
63 71.1 52.8 92.8
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.670 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 146 Resp: 244825
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 32.8 28.2 42.2

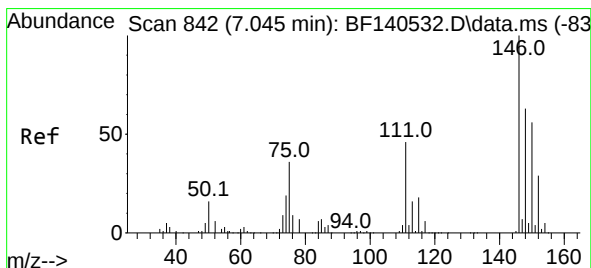
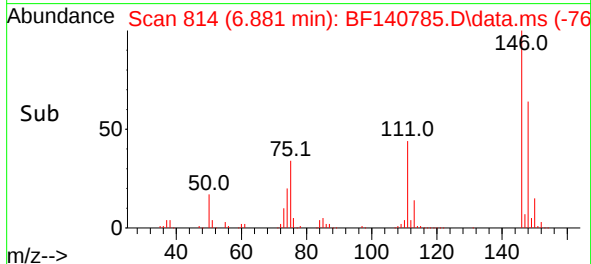
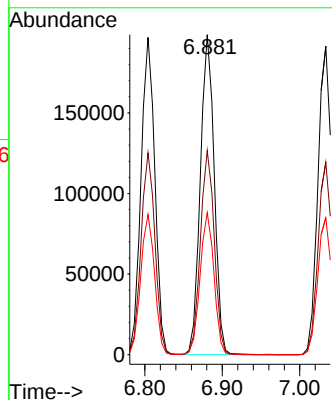
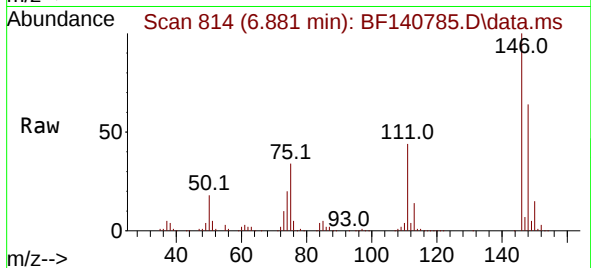




#13
1,4-Dichlorobenzene
Concen: 46.569 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

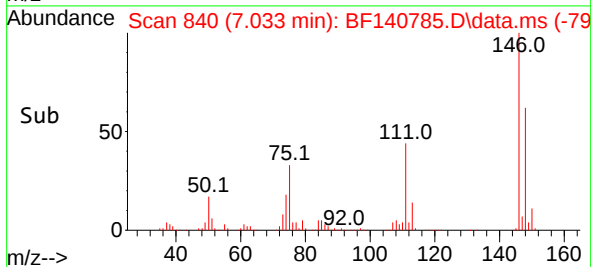
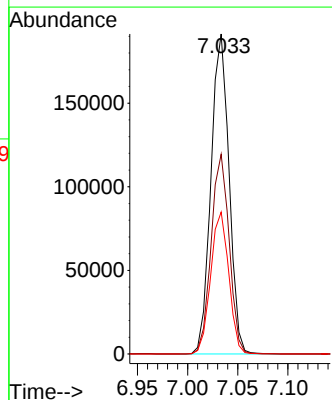
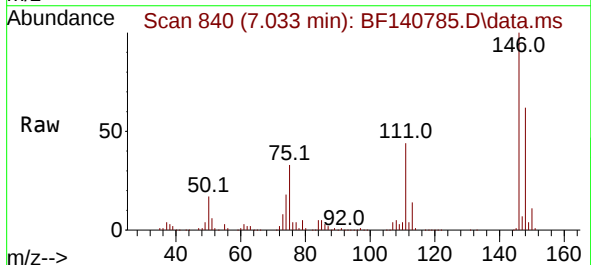
Instrument :
BNA_F
ClientSampleId :
PB165432BS

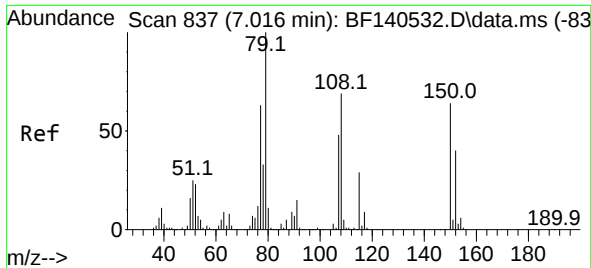
Tgt Ion:146 Resp: 247359
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.227 ng
RT: 7.033 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:146 Resp: 240035
Ion Ratio Lower Upper
146 100
148 62.4 50.5 75.7
111 44.4 36.7 55.1

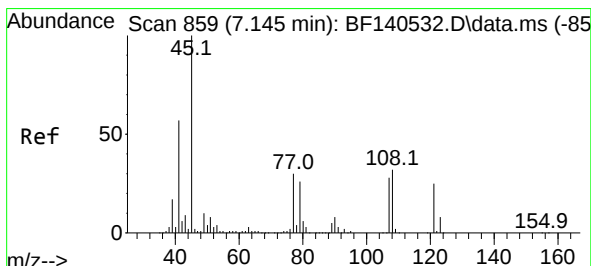
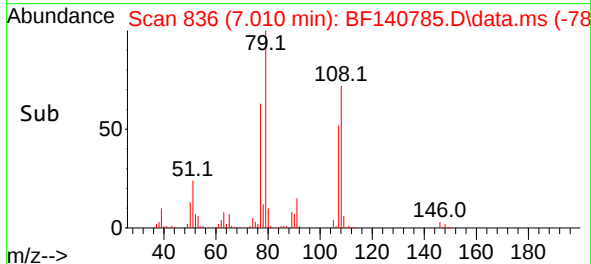
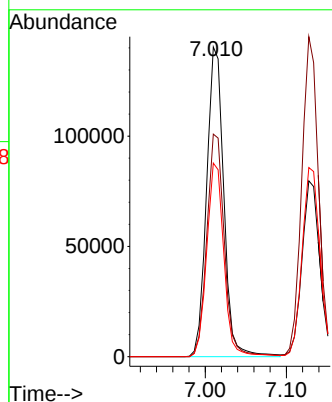
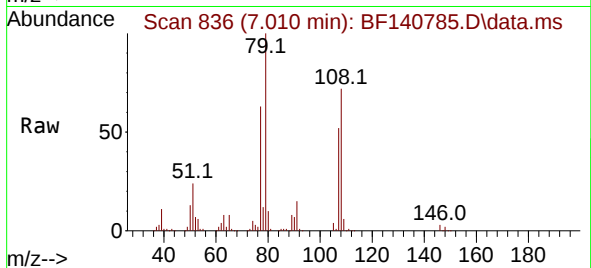




#15
Benzyl Alcohol
Concen: 48.441 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

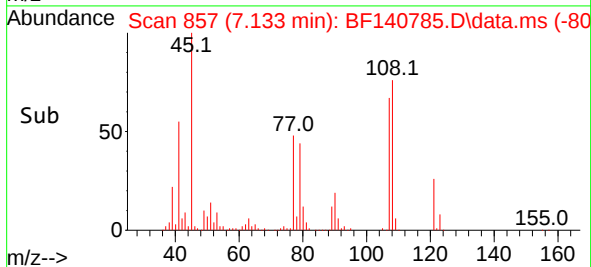
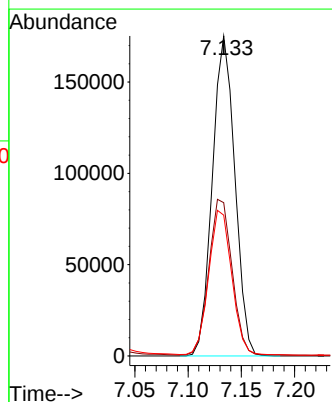
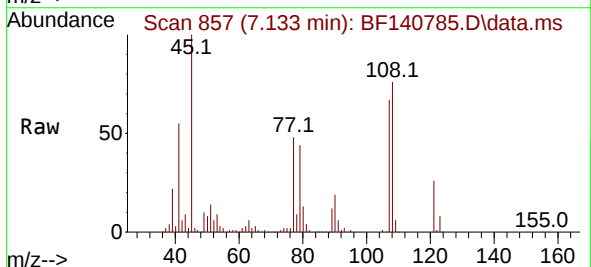
Instrument :
BNA_F
ClientSampleId :
PB165432BS

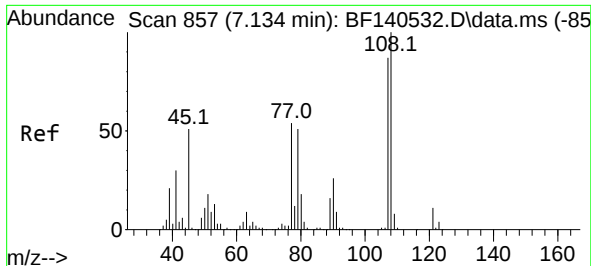
Tgt Ion: 79 Resp: 206091
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.5 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.652 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 45 Resp: 257687
Ion Ratio Lower Upper
45 100
77 47.9 10.7 50.7
79 44.0 7.0 47.0

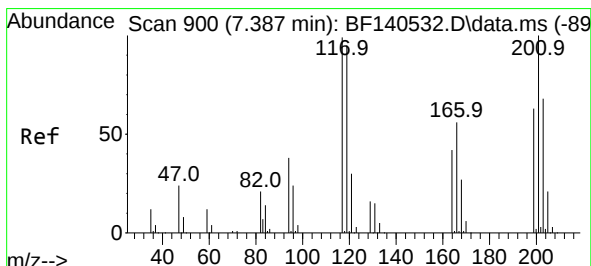
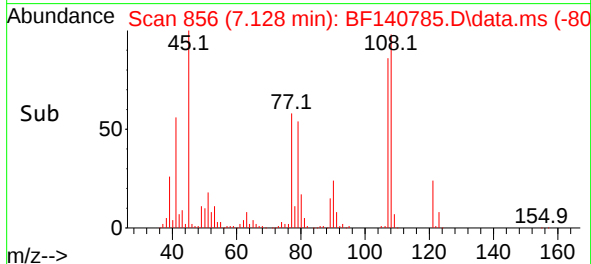
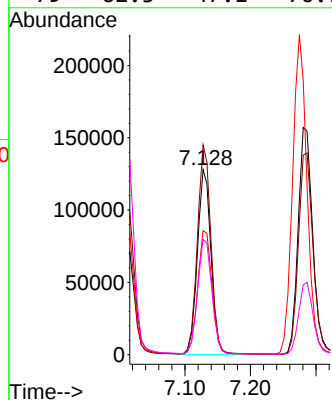
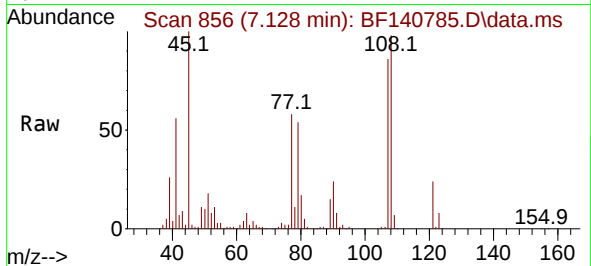




#17
2-Methylphenol
Concen: 49.350 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

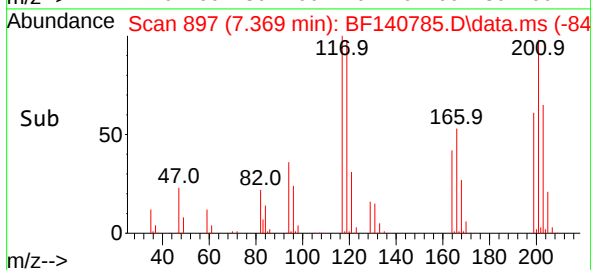
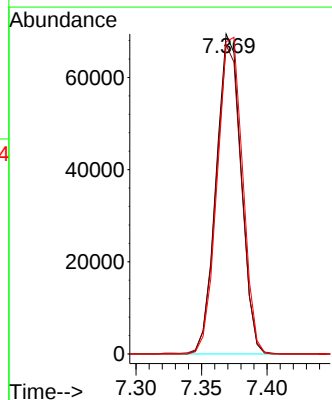
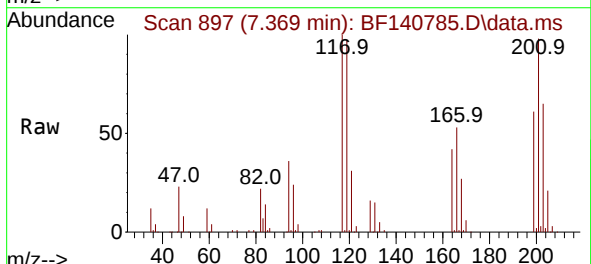
Instrument :
BNA_F
ClientSampleId :
PB165432BS

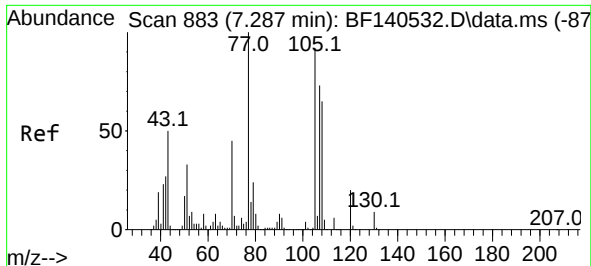
Tgt Ion:107 Resp: 184431
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 67.0 49.3 73.9
79 62.3 47.1 70.7



#18
Hexachloroethane
Concen: 46.305 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:117 Resp: 91862
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.6 81.1 121.7



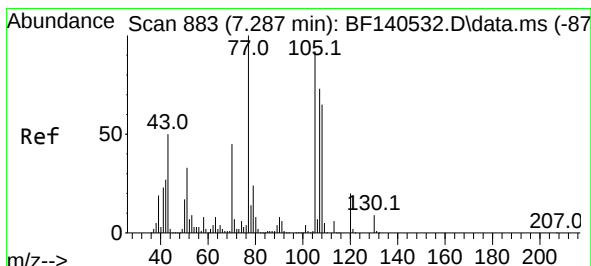
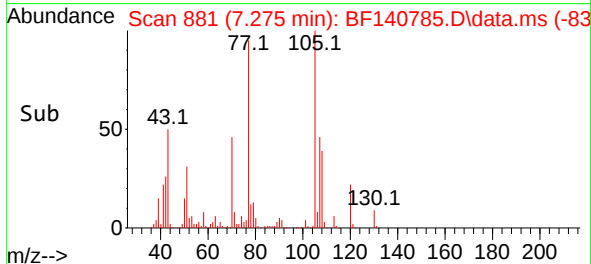
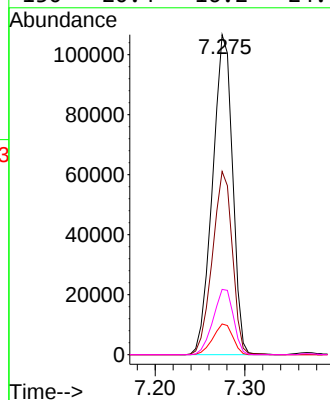
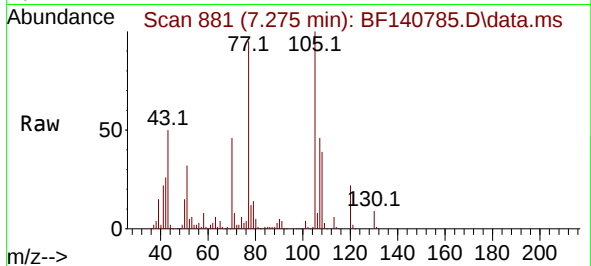


#19
n-Nitroso-di-n-propylamine
Concen: 48.753 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165432BS

Tgt Ion: 70 Resp: 165296

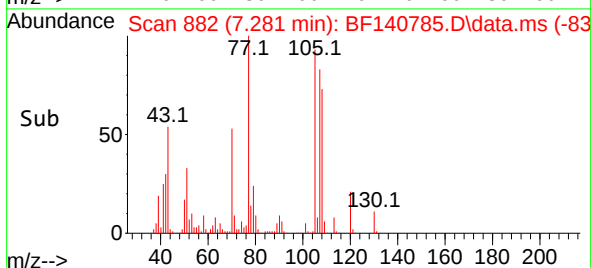
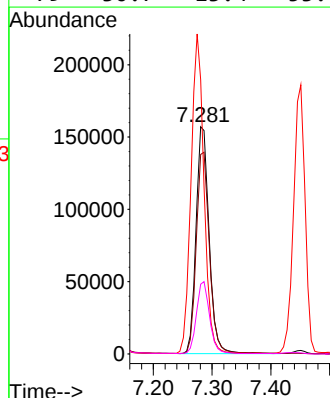
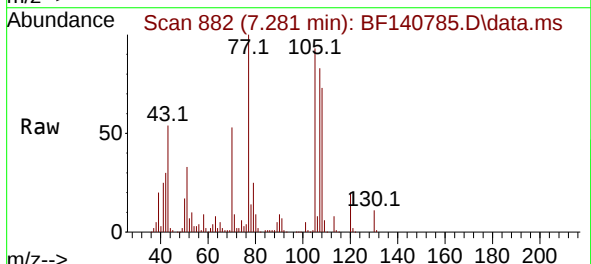
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.6	71.4
101	9.6	7.6	11.4
130	20.4	16.2	24.4

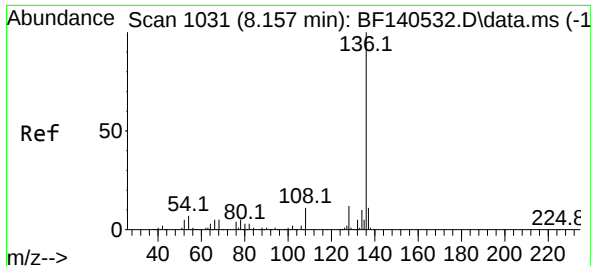


#20
3+4-Methylphenols
Concen: 50.580 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 107 Resp: 242964

Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.9	109.9
77	120.6	117.7	157.7
79	30.7	13.4	53.4

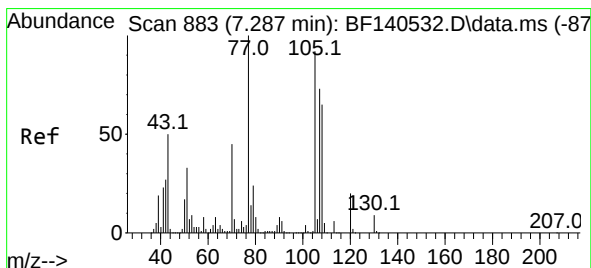
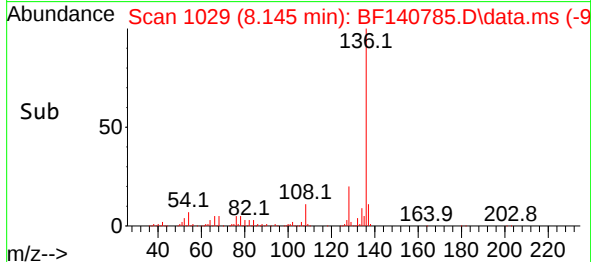
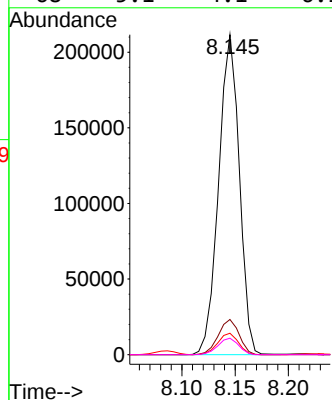
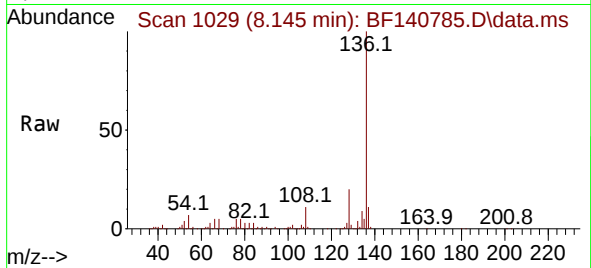




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

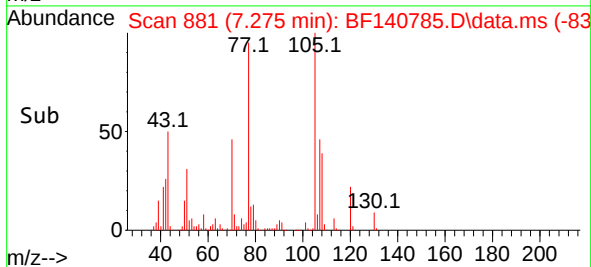
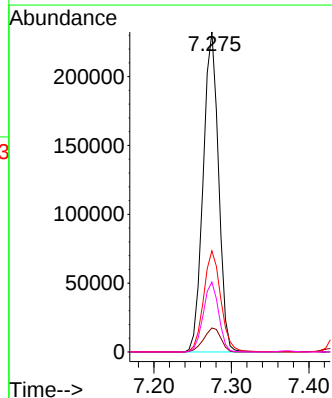
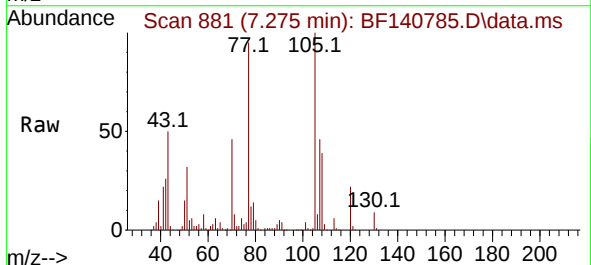
Instrument :
BNA_F
ClientSampleId :
PB165432BS

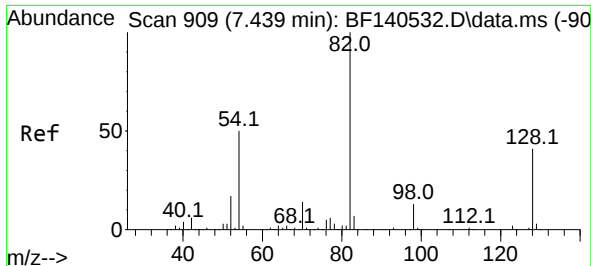
Tgt Ion:	136	Resp:	285606
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.7	5.8	8.8
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 46.069 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:	105	Resp:	320774
Ion Ratio	Lower	Upper	
105	100		
71	7.5	6.2	9.2
51	31.6	29.0	43.6
120	21.8	17.4	26.0

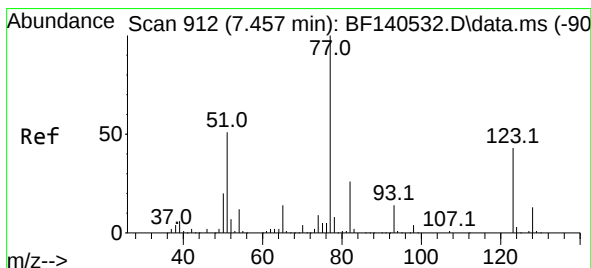
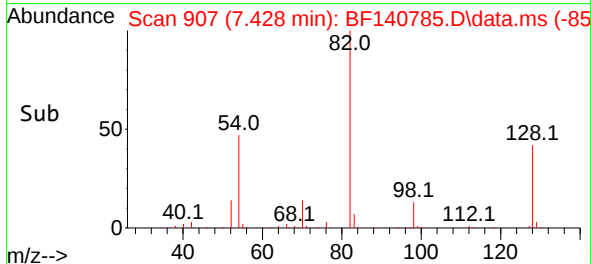
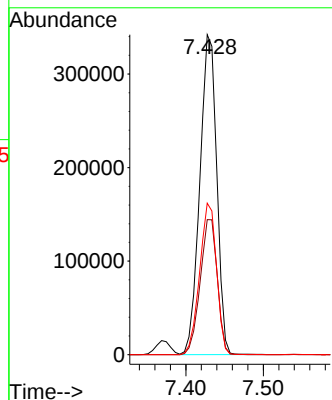
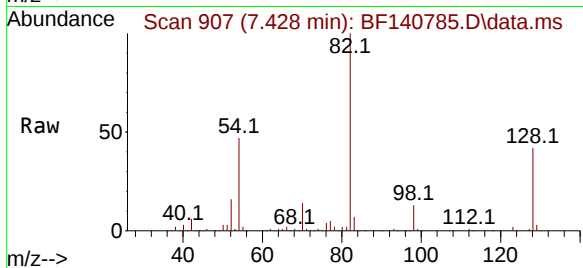




#23
Nitrobenzene-d5
Concen: 92.709 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

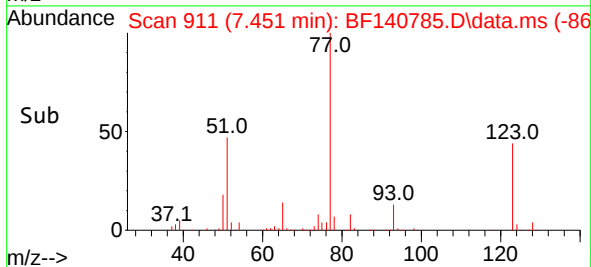
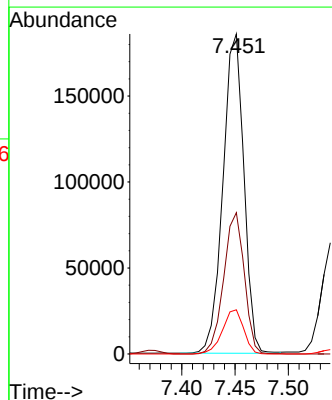
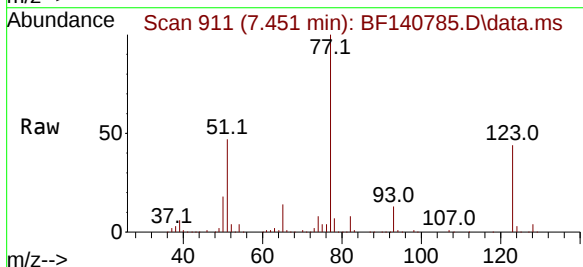
Instrument :
BNA_F
ClientSampleId :
PB165432BS

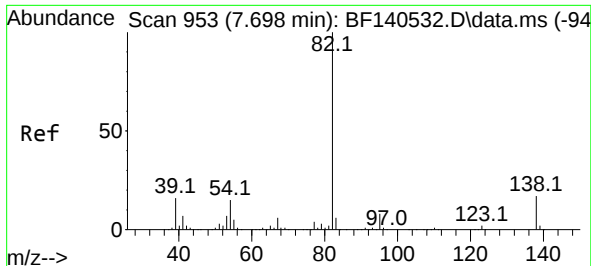
Tgt Ion: 82 Resp: 517658
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 47.4 39.5 59.3



#24
Nitrobenzene
Concen: 43.876 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 77 Resp: 253205
Ion Ratio Lower Upper
77 100
123 44.2 34.3 51.5
65 13.8 11.2 16.8

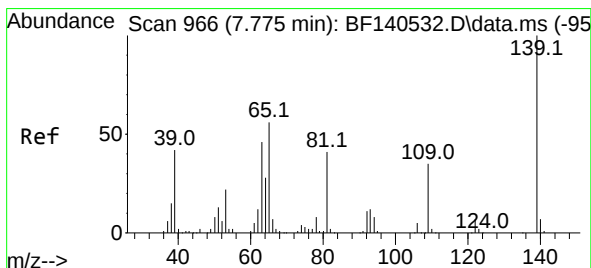
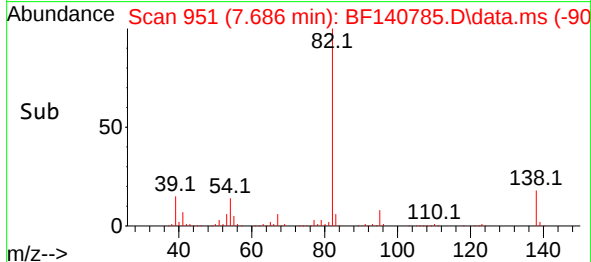
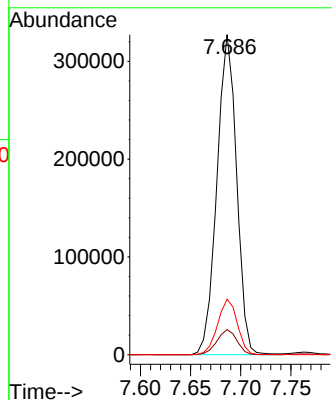
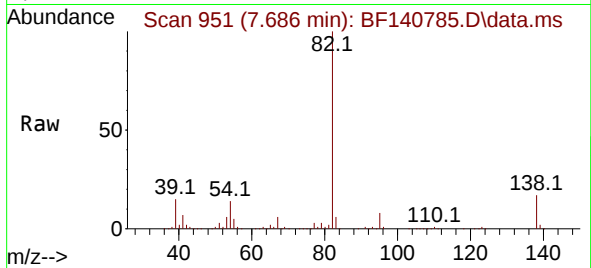




#25
Isophorone
Concen: 47.928 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

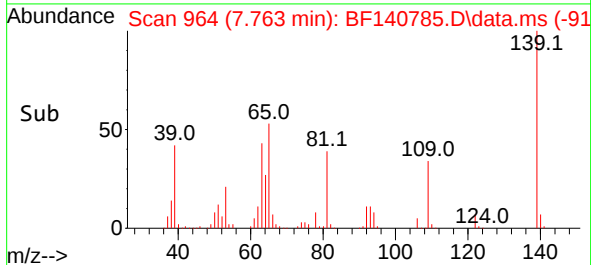
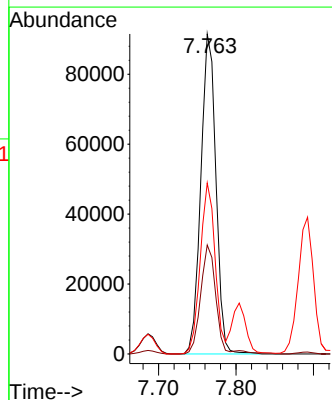
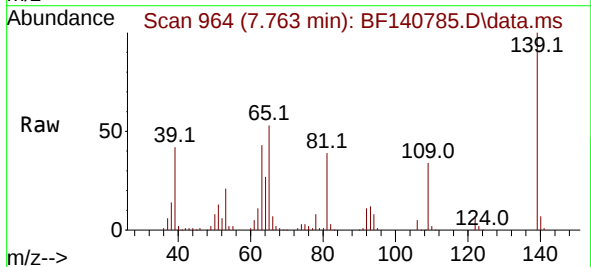
Instrument :
BNA_F
ClientSampleId :
PB165432BS

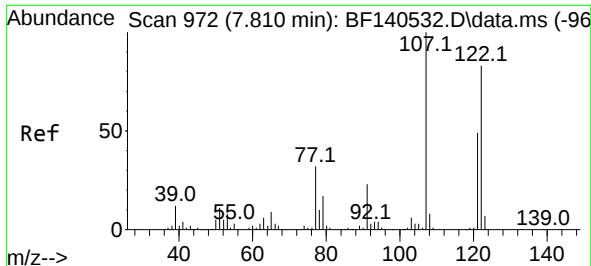
Tgt Ion: 82 Resp: 446359
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 48.441 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:139 Resp: 123884
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 53.4 44.6 67.0

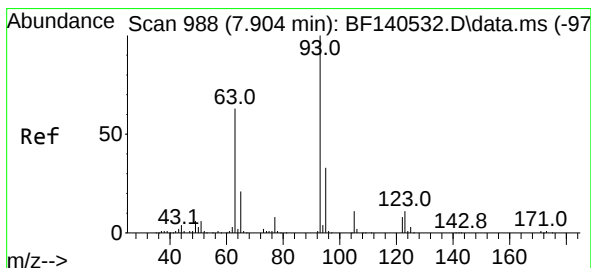
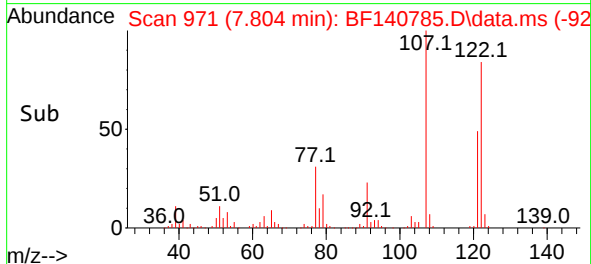
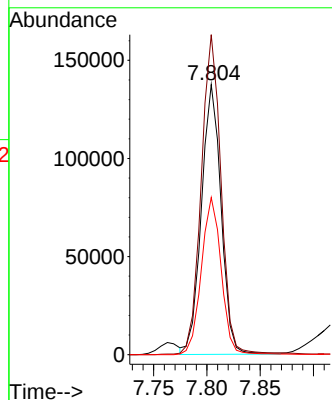
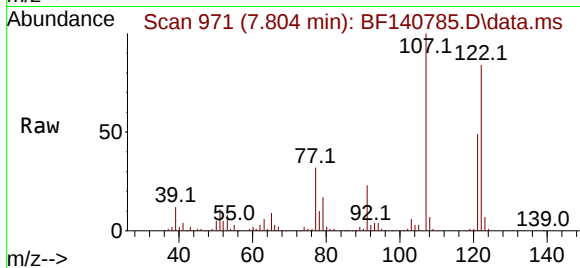




#27
2,4-Dimethylphenol
Concen: 57.712 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

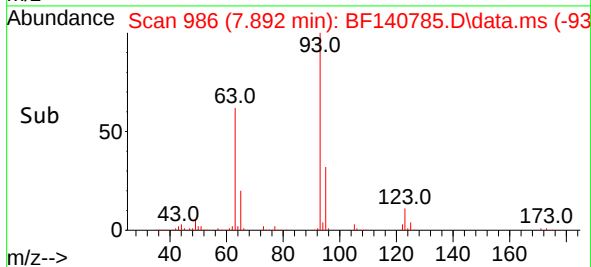
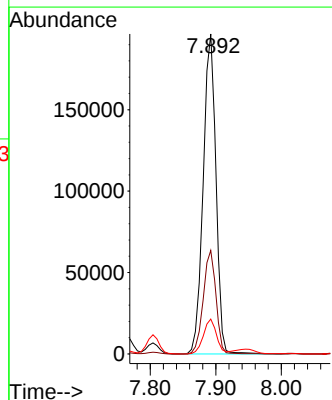
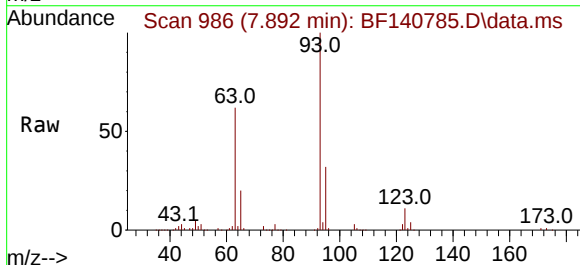
Instrument :
BNA_F
ClientSampleId :
PB165432BS

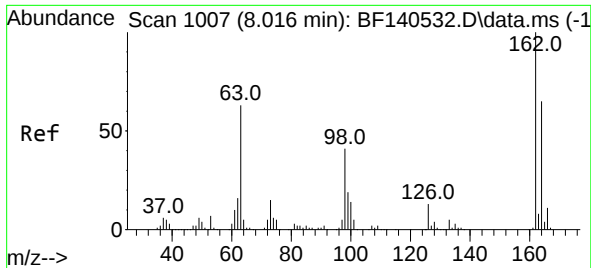
Tgt Ion:122 Resp: 176593
Ion Ratio Lower Upper
122 100
107 118.5 96.8 145.2
121 58.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.035 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 93 Resp: 266856
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.887 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

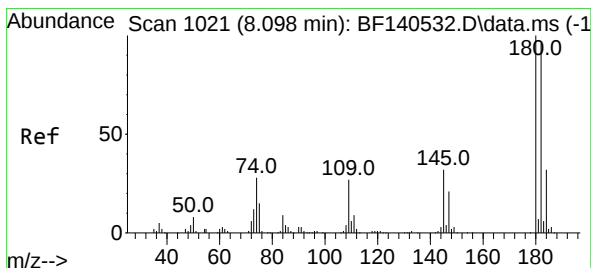
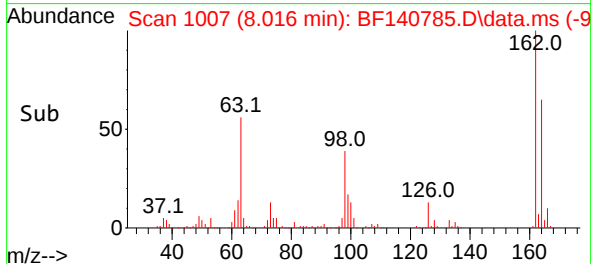
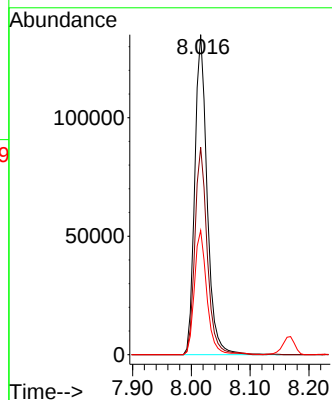
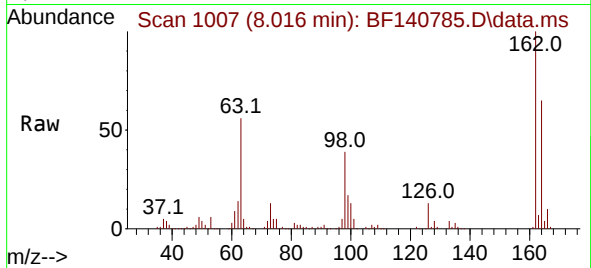
Tgt Ion:162 Resp: 198214

Ion Ratio Lower Upper

162 100

164 64.8 44.8 84.8

98 38.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.151 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

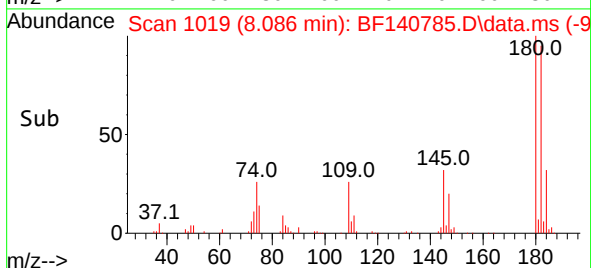
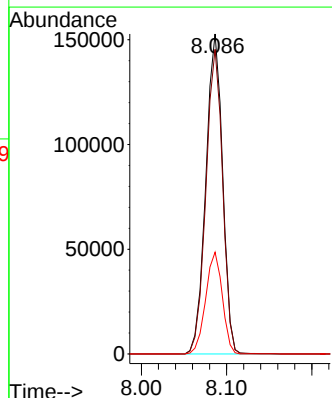
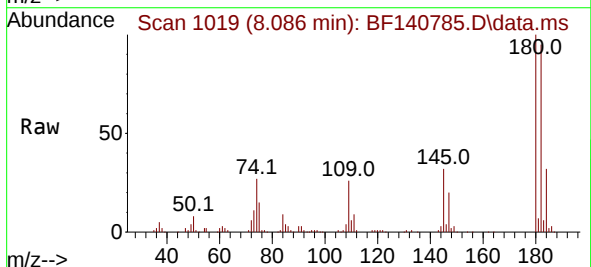
Tgt Ion:180 Resp: 209023

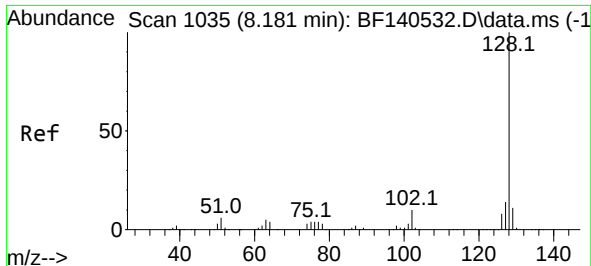
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 31.8 25.9 38.9

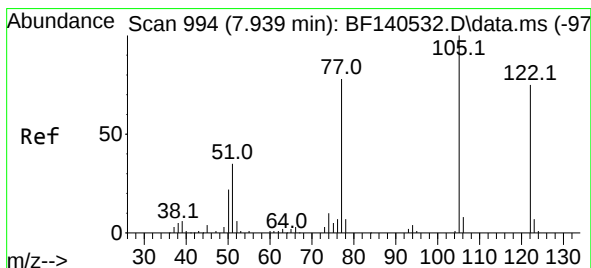
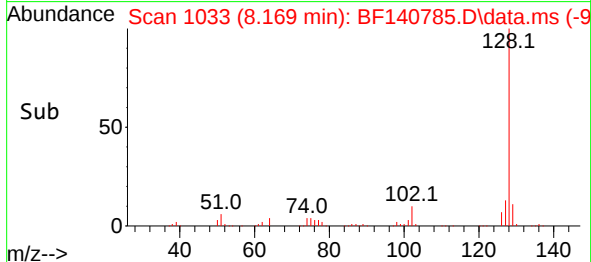
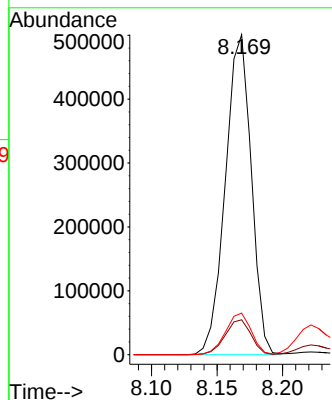
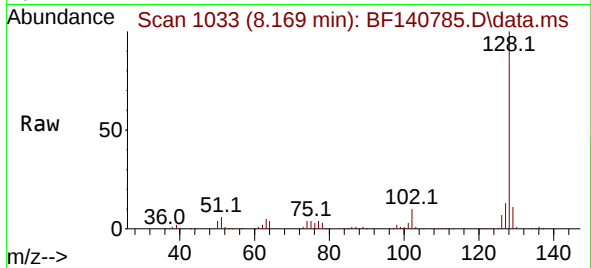




#31
Naphthalene
Concen: 46.825 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

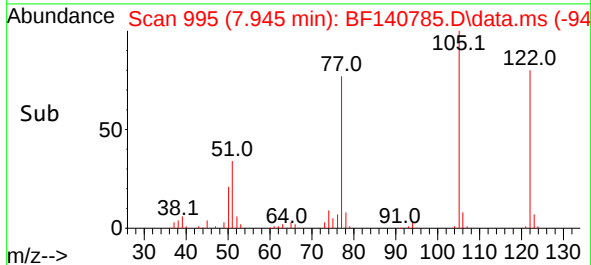
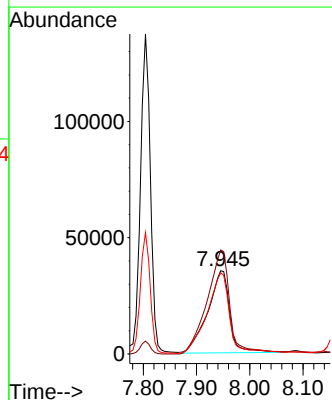
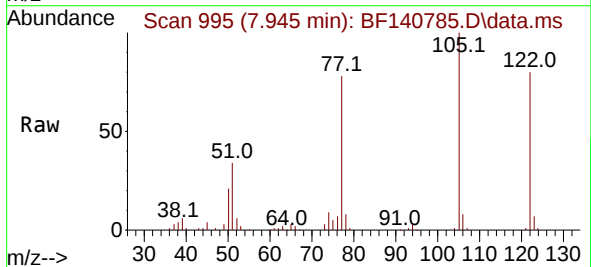
Instrument :
BNA_F
ClientSampleId :
PB165432BS

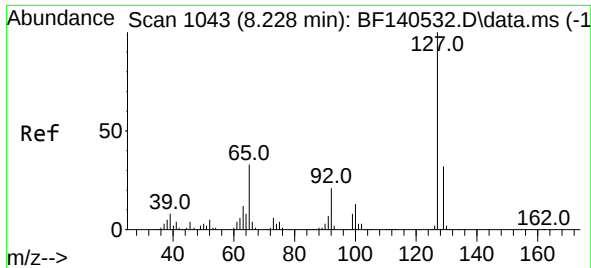
Tgt Ion:128 Resp: 688857
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 39.525 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:122 Resp: 101267
Ion Ratio Lower Upper
122 100
105 125.0 109.3 149.3
77 97.7 82.3 122.3

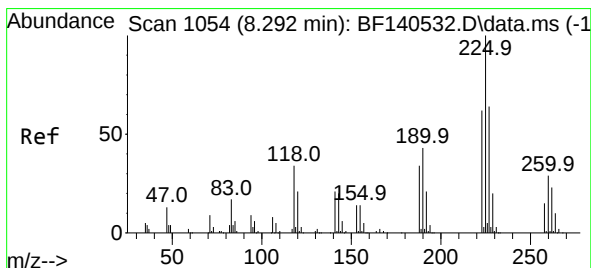
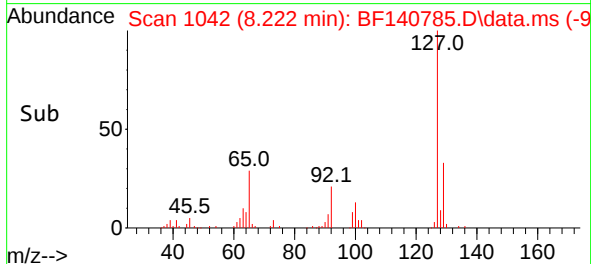
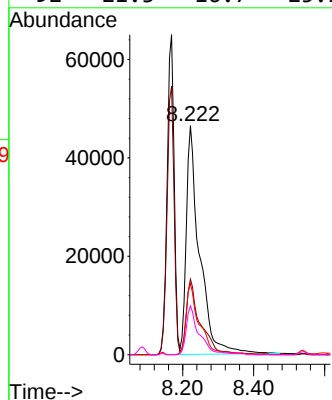
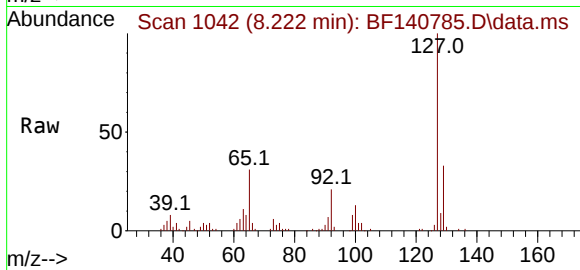




#33
4-Chloroaniline
Concen: 27.122 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

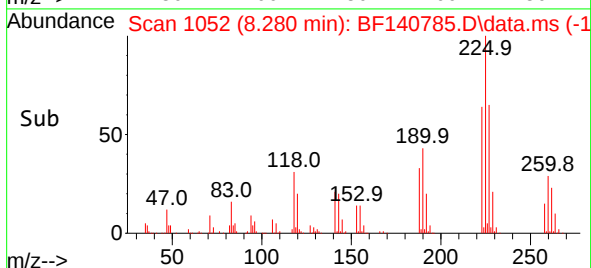
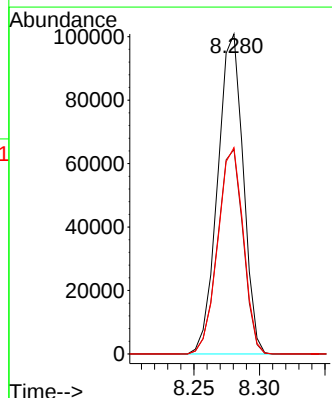
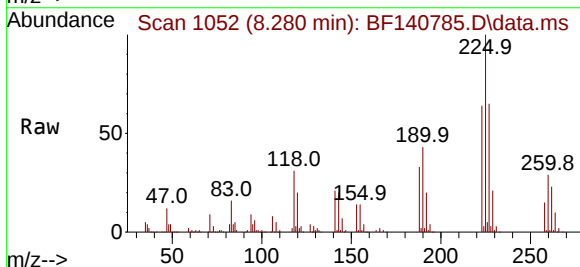
Instrument :
BNA_F
ClientSampleId :
PB165432BS

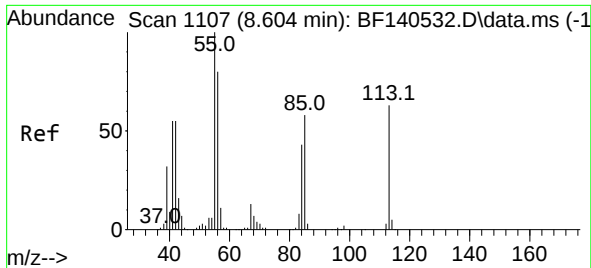
Tgt Ion:	127	Resp:	119461
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.0	39.0
65	31.1	26.0	39.0
92	21.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.505 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:	225	Resp:	136467
Ion Ratio	Lower	Upper	
225	100		
223	63.9	49.8	74.8
227	64.5	51.3	76.9

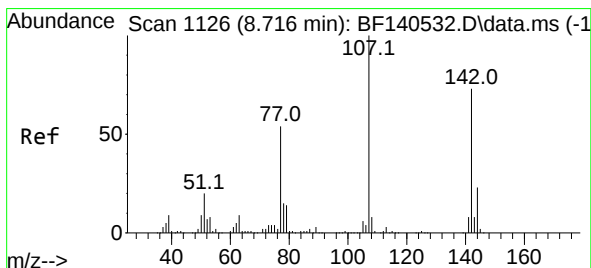
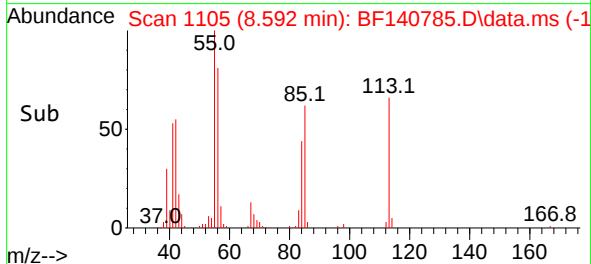
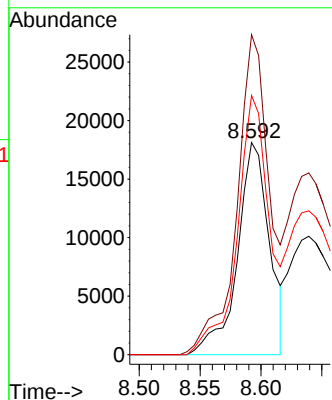
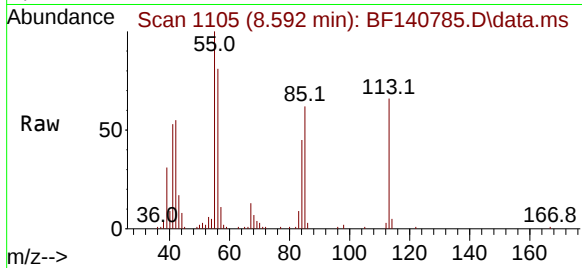




#35
 Caprolactam
 Concen: 26.338 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

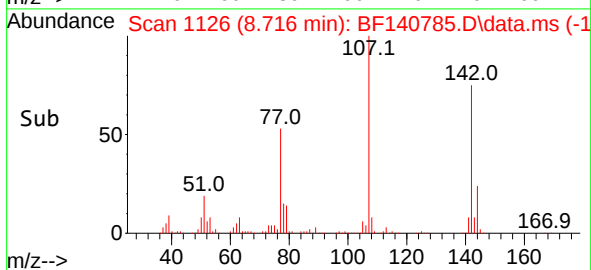
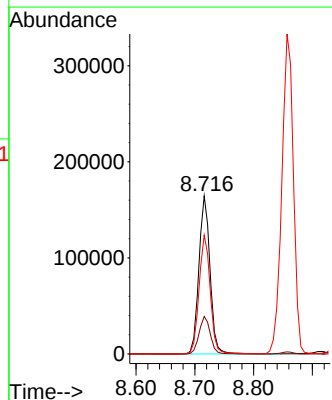
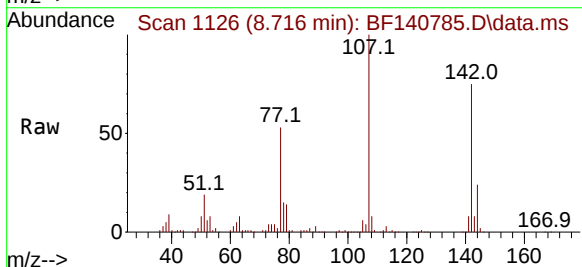
Instrument :
 BNA_F
 ClientSampleId :
 PB165432BS

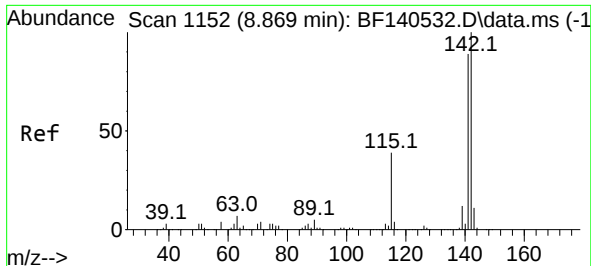
Tgt Ion:113 Resp: 33048
 Ion Ratio Lower Upper
 113 100
 55 150.8 137.7 177.7
 56 122.1 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.793 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

Tgt Ion:107 Resp: 216961
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.7 28.1
 142 75.2 58.3 87.5

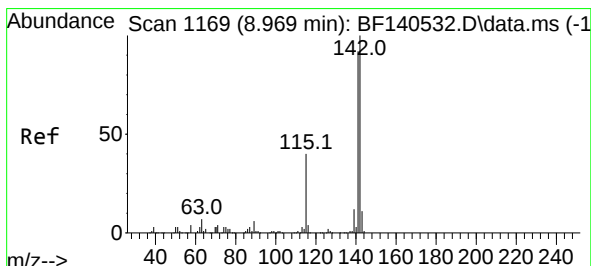
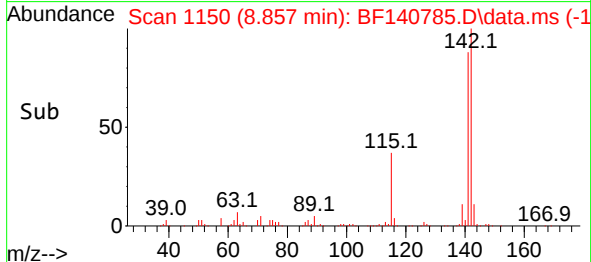
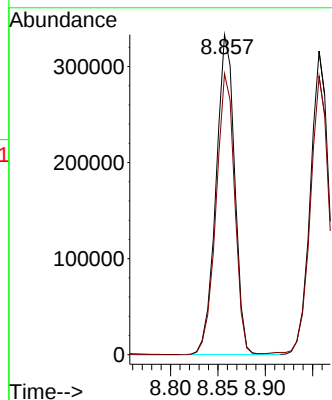
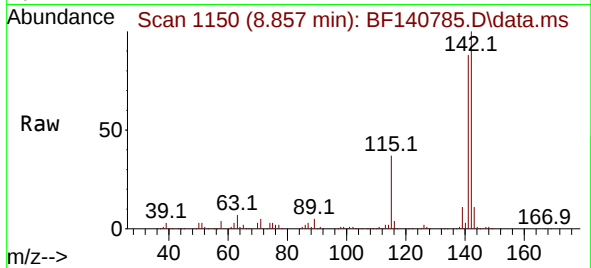




#37
2-Methylnaphthalene
Concen: 48.579 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

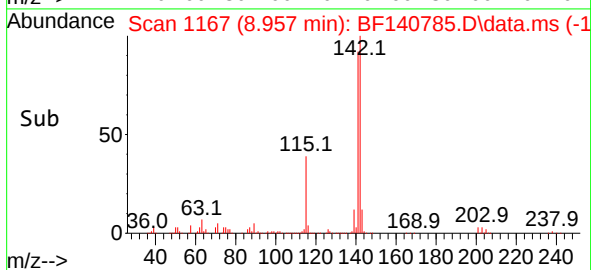
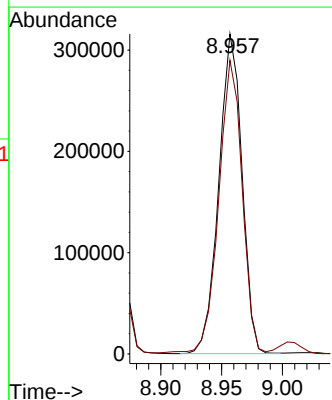
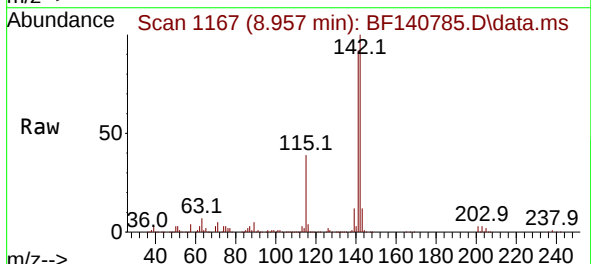
Instrument :
BNA_F
ClientSampleId :
PB165432BS

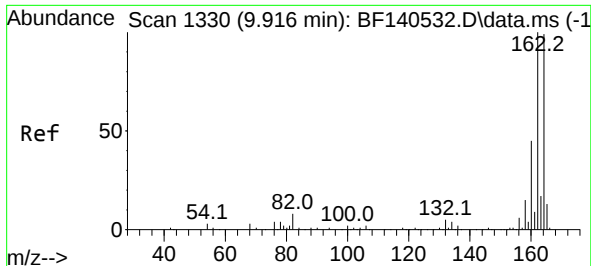
Tgt Ion:142 Resp: 453921
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 45.693 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:142 Resp: 418495
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

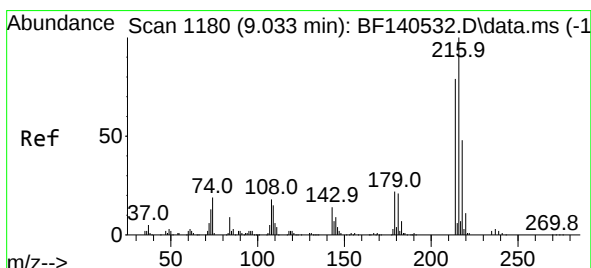
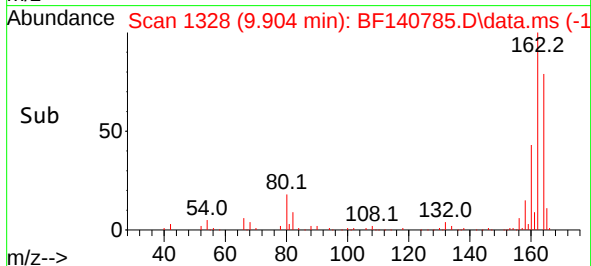
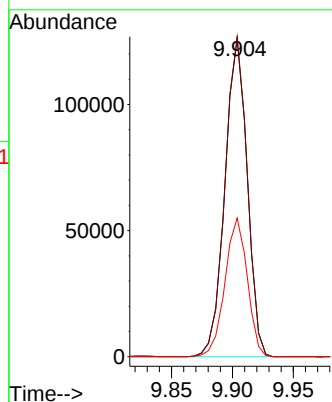
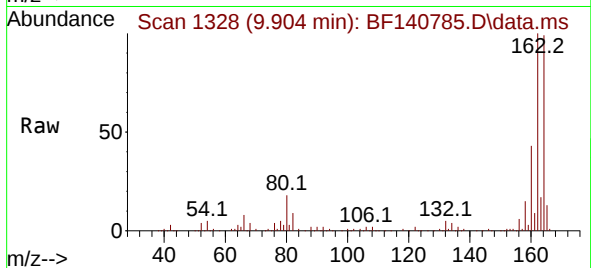
Tgt Ion:164 Resp: 160534

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 43.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.653 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Tgt Ion:216 Resp: 219251

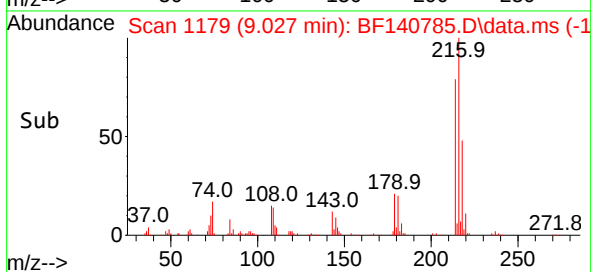
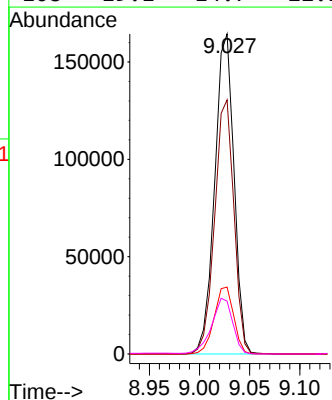
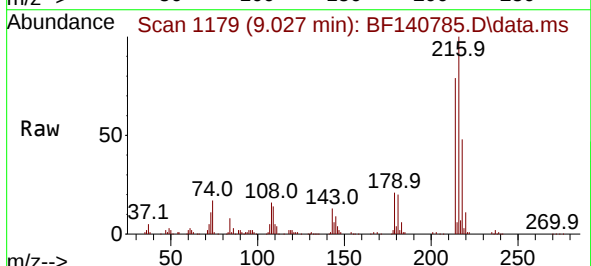
Ion Ratio Lower Upper

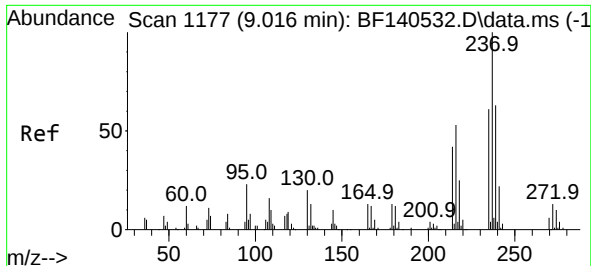
216 100

214 79.2 63.0 94.4

179 21.3 17.5 26.3

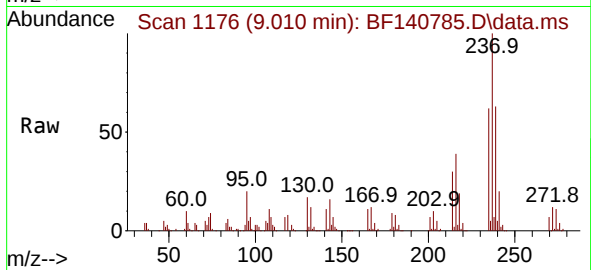
108 19.1 14.7 22.1



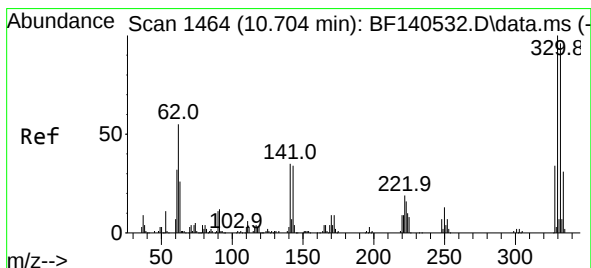
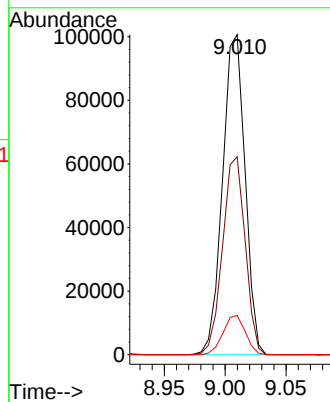
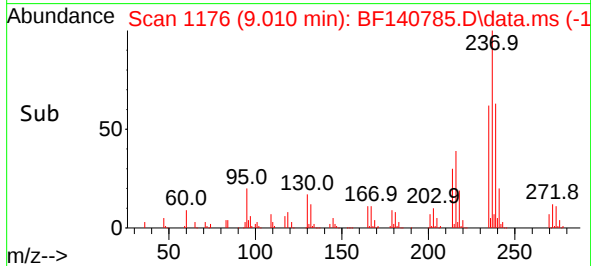


#41
Hexachlorocyclopentadiene
Concen: 118.984 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165432BS

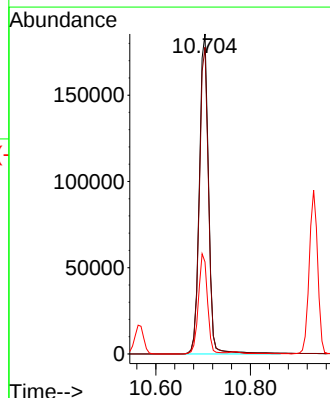
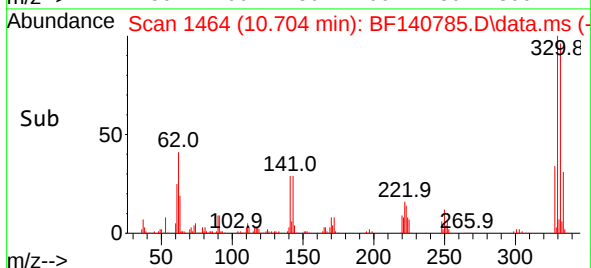
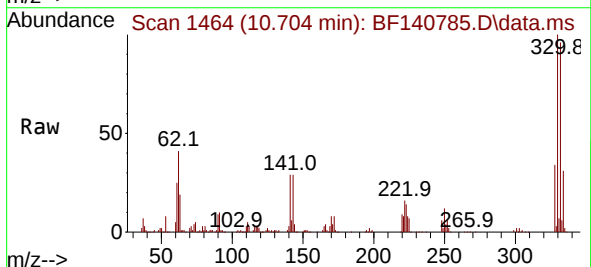


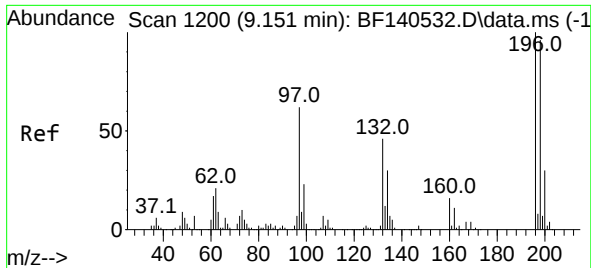
Tgt Ion:237 Resp: 129821
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 145.898 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:330 Resp: 250496
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 30.8 26.7 40.1

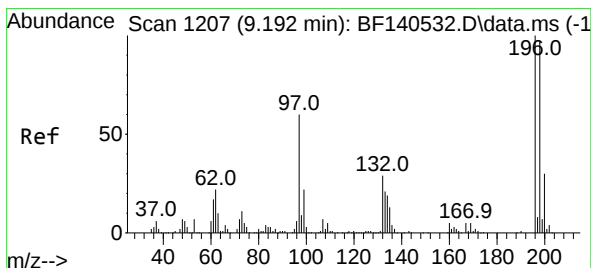
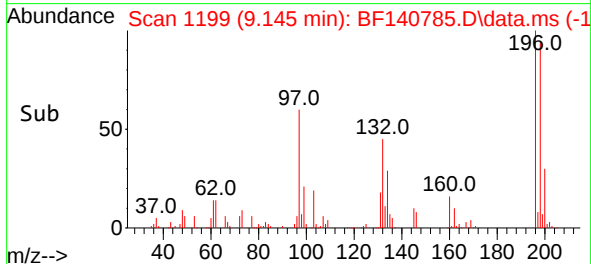
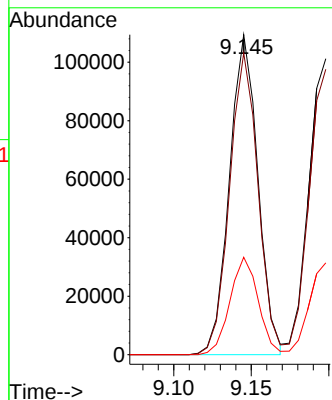
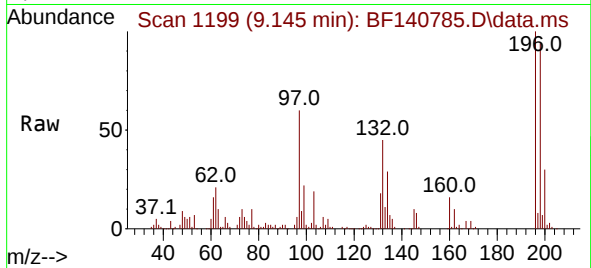




#43
2,4,6-Trichlorophenol
Concen: 47.329 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

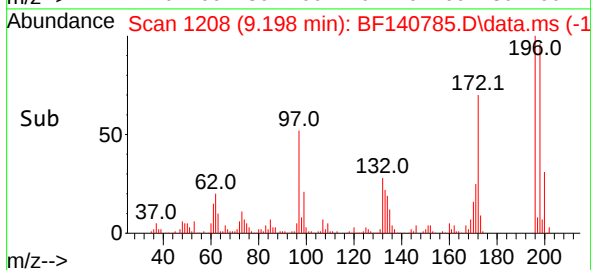
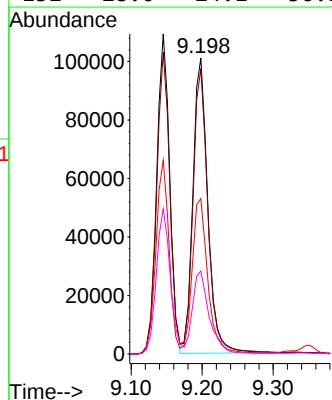
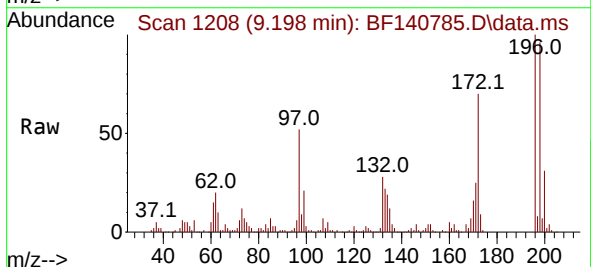
Instrument :
BNA_F
ClientSampleId :
PB165432BS

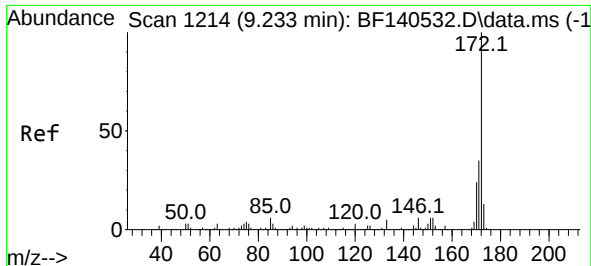
Tgt Ion:196 Resp: 139572
Ion Ratio Lower Upper
196 100
198 94.3 76.8 115.2
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.186 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:196 Resp: 147816
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 52.5 47.1 70.7
132 28.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 94.940 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

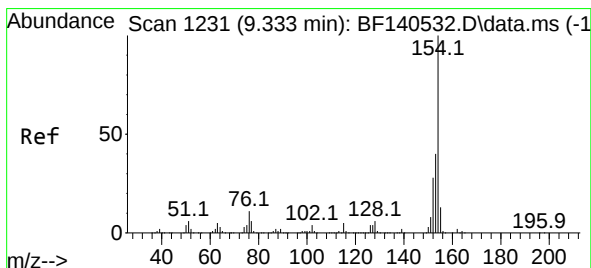
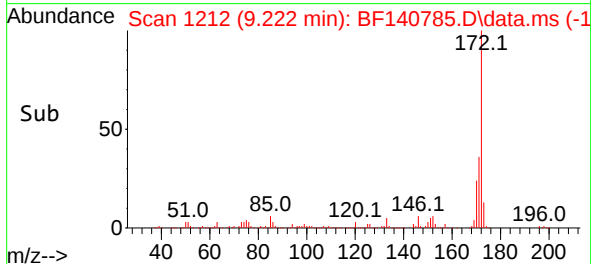
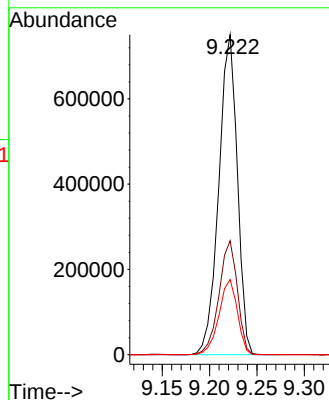
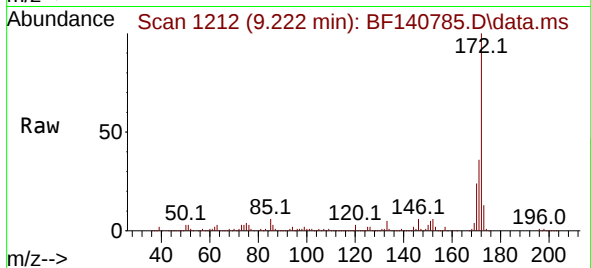
Tgt Ion:172 Resp: 1022931

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.395 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

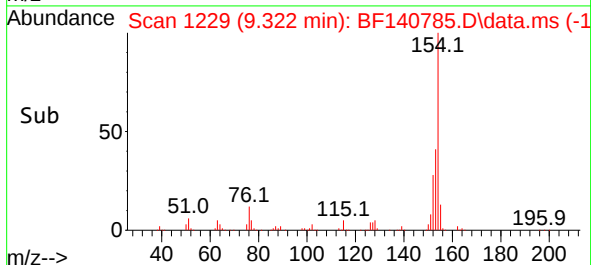
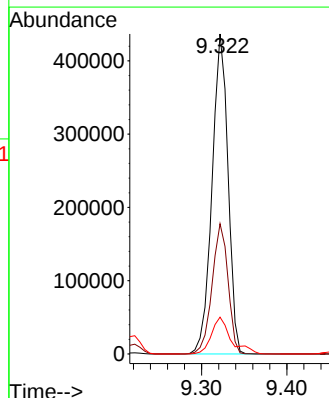
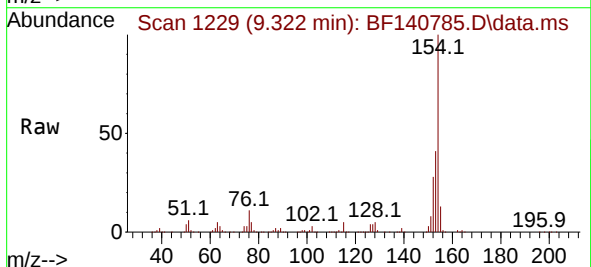
Tgt Ion:154 Resp: 568054

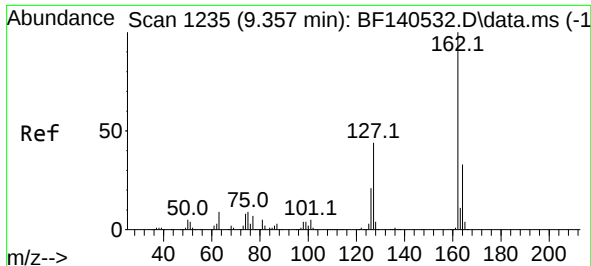
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.5 0.0 31.2

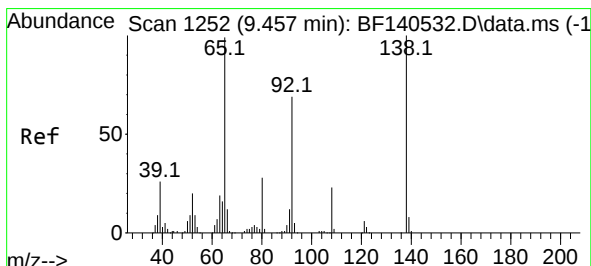
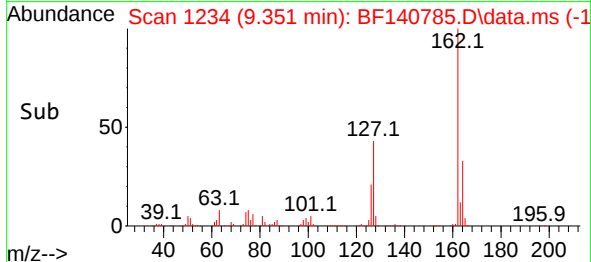
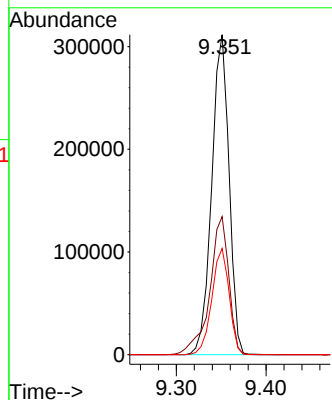
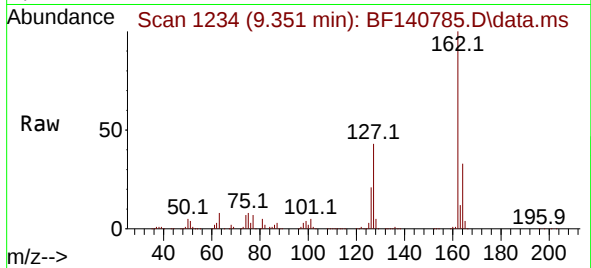




#47
2-Chloronaphthalene
Concen: 45.942 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

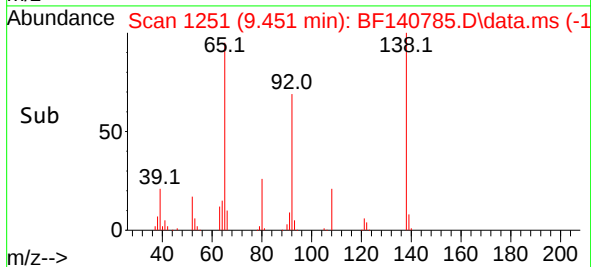
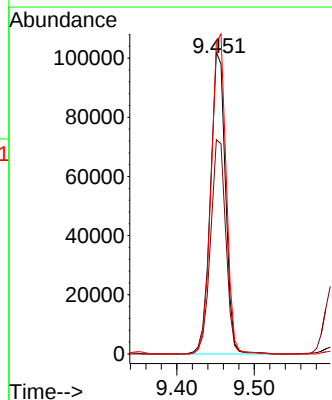
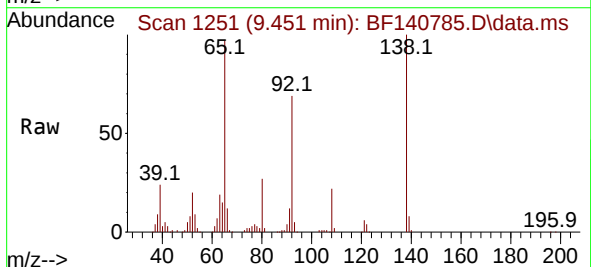
Instrument :
BNA_F
ClientSampleId :
PB165432BS

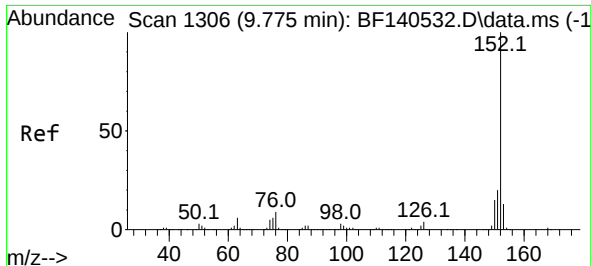
Tgt Ion:162 Resp: 417234
Ion Ratio Lower Upper
162 100
127 43.2 35.7 53.5
164 33.2 26.1 39.1



#48
2-Nitroaniline
Concen: 47.237 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion: 65 Resp: 137698
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 103.3 81.0 121.6





#49

Acenaphthylene

Concen: 50.795 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

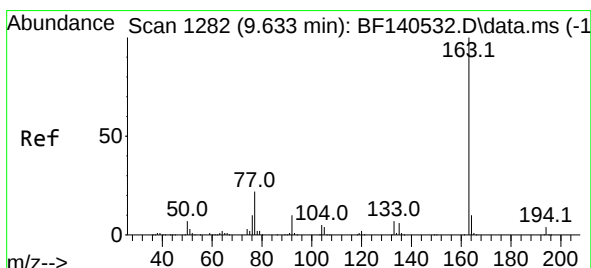
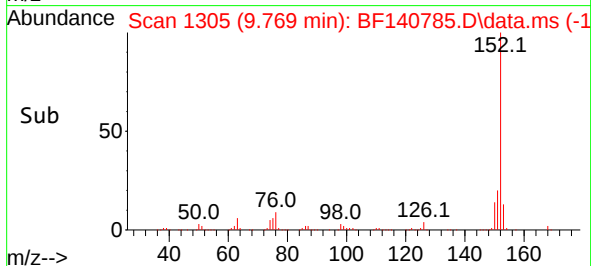
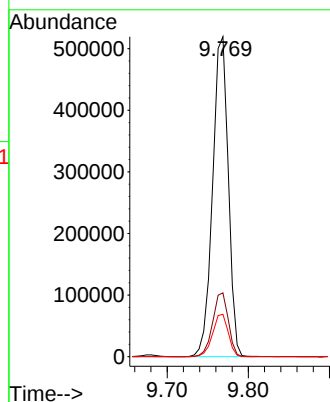
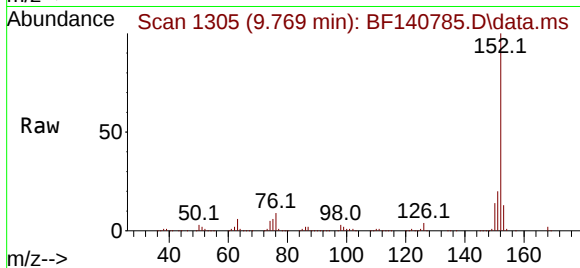
BNA_F

ClientSampleId :

PB165432BS

Tgt Ion:152 Resp: 697003

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.3	10.6	16.0



#50

Dimethylphthalate

Concen: 48.399 ng

RT: 9.622 min Scan# 1280

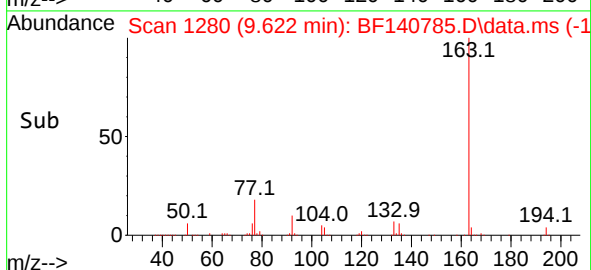
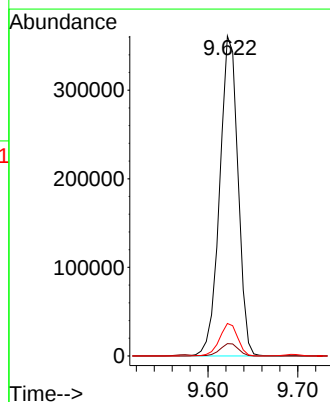
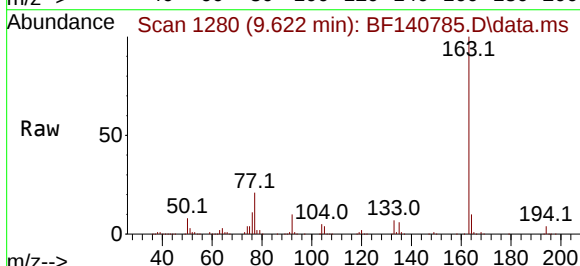
Delta R.T. -0.012 min

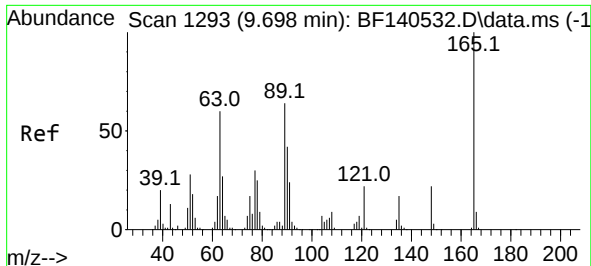
Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Tgt Ion:163 Resp: 511708

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	8.2	12.2

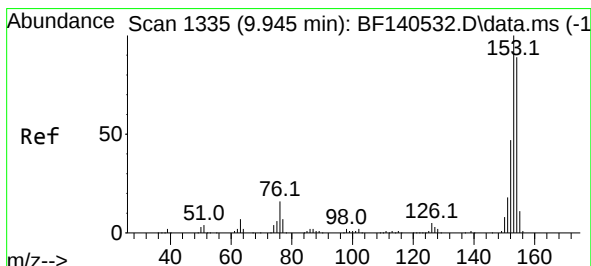
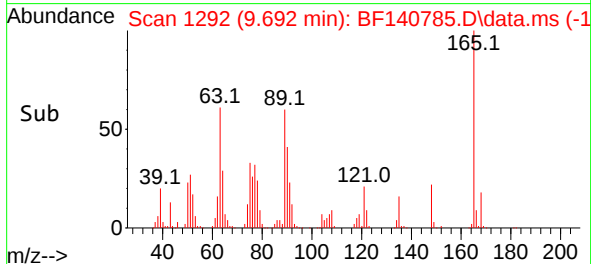
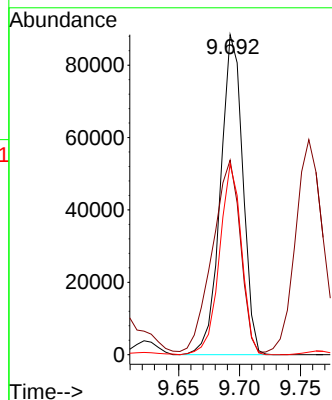
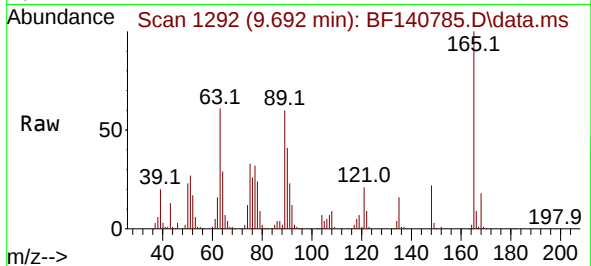




#51
2,6-Dinitrotoluene
Concen: 47.012 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

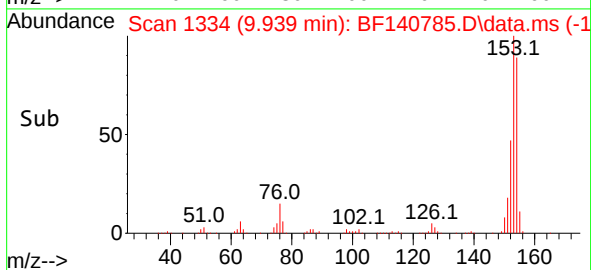
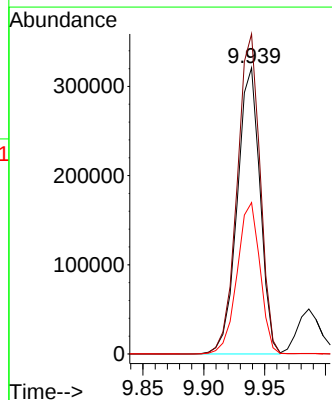
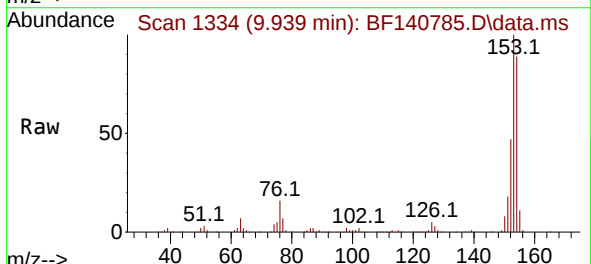
Instrument :
BNA_F
ClientSampleId :
PB165432BS

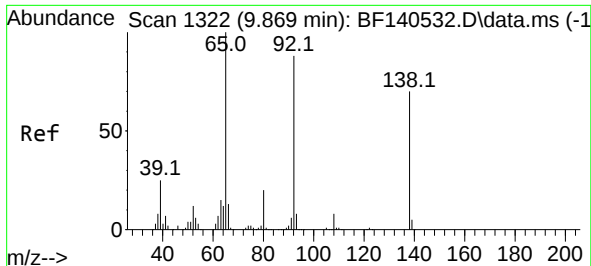
Tgt Ion:165 Resp: 112727
Ion Ratio Lower Upper
165 100
63 60.8 49.9 74.9
89 59.5 50.9 76.3



#52
Acenaphthene
Concen: 48.105 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:154 Resp: 419419
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 52.9 42.5 63.7

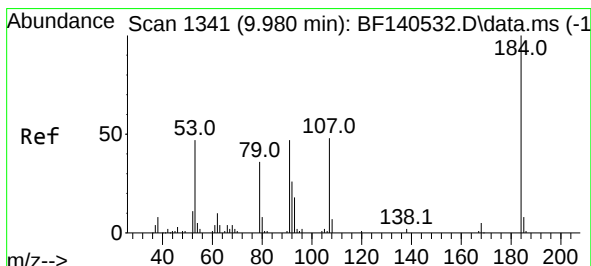
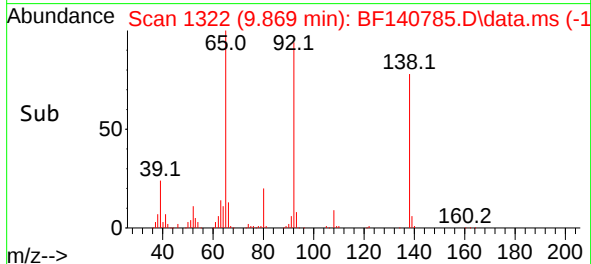
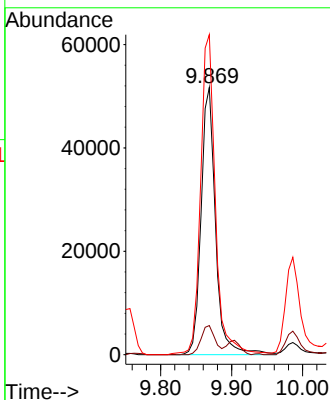
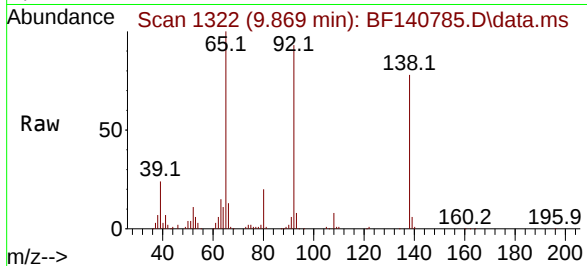




#53
3-Nitroaniline
Concen: 31.253 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

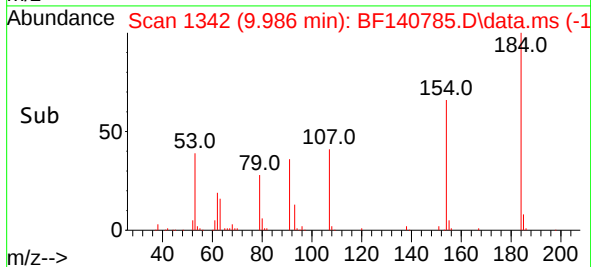
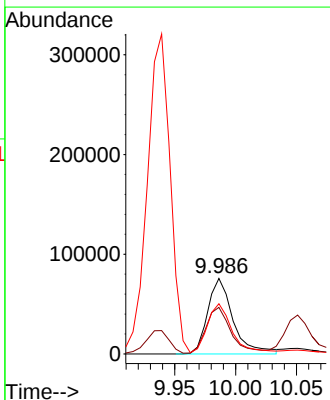
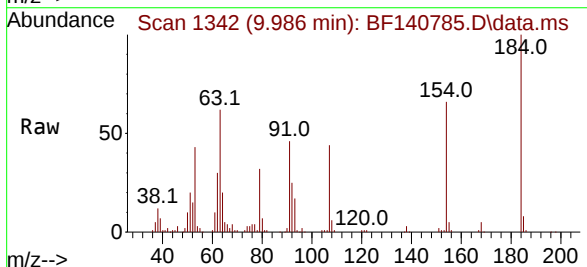
Instrument :
BNA_F
ClientSampleId :
PB165432BS

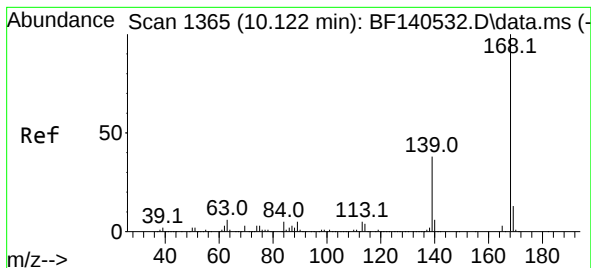
Tgt Ion:138 Resp: 73294
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 119.8 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 87.755 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:184 Resp: 110022
Ion Ratio Lower Upper
184 100
63 61.6 54.1 81.1
154 66.4 57.4 86.0





#55

Dibenzenofuran

Concen: 47.167 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

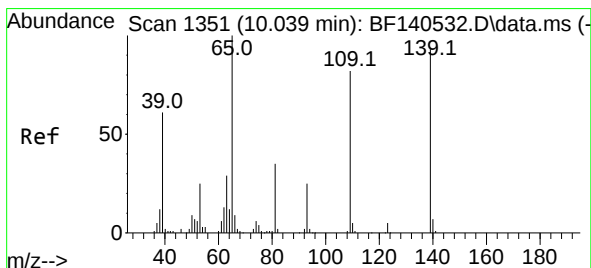
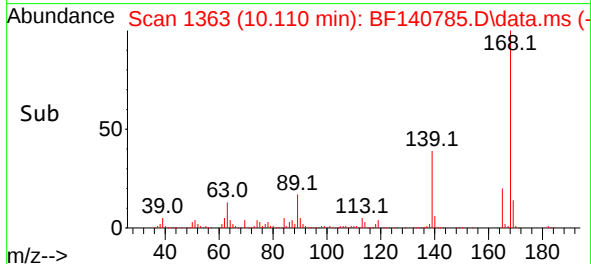
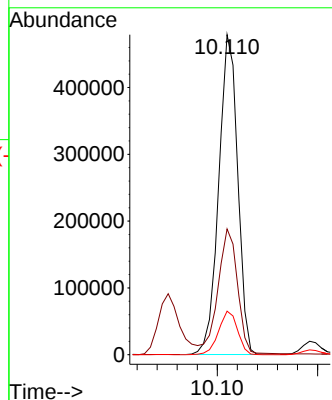
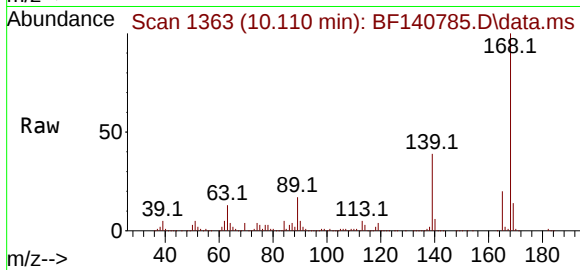
Tgt Ion:168 Resp: 627268

Ion Ratio Lower Upper

168 100

139 39.3 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 85.313 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

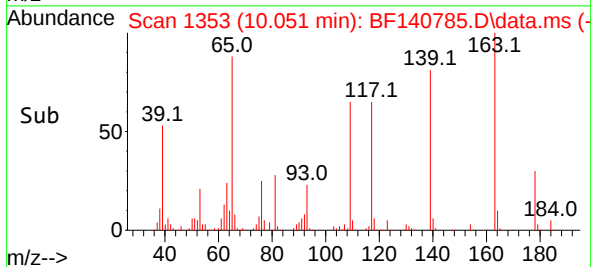
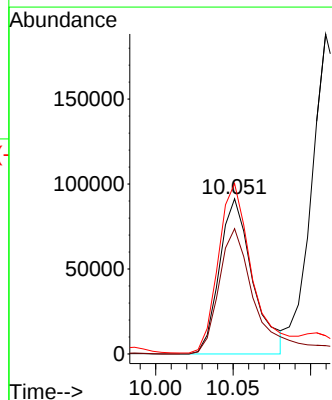
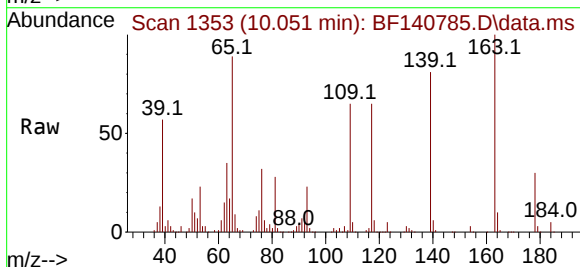
Tgt Ion:139 Resp: 136451

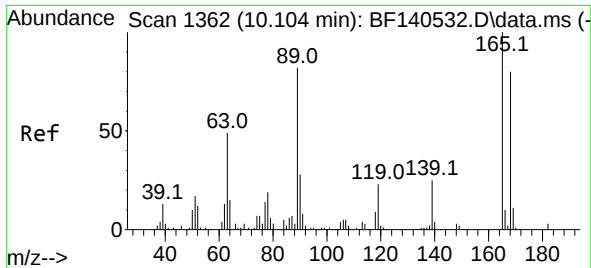
Ion Ratio Lower Upper

139 100

109 80.7 68.4 108.4

65 109.9 88.6 128.6

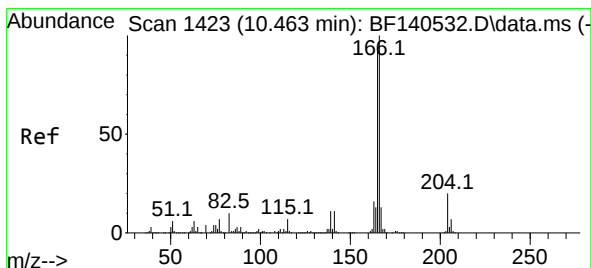
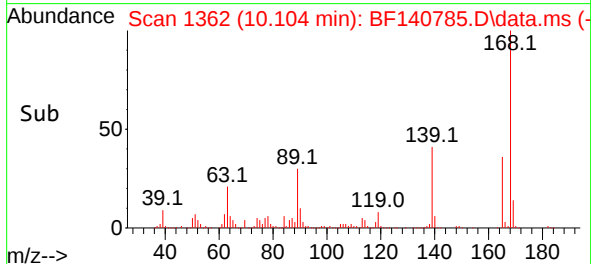
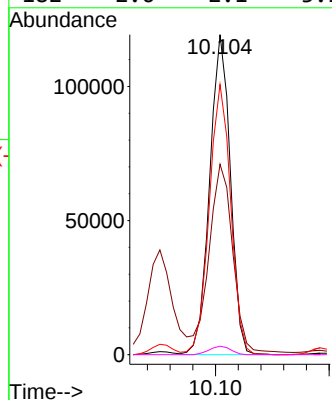
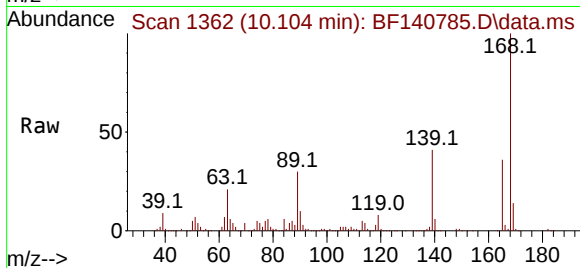




#57
2,4-Dinitrotoluene
Concen: 47.397 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

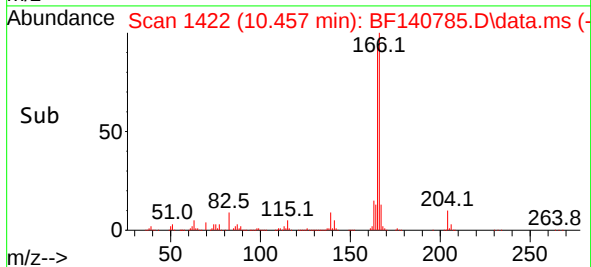
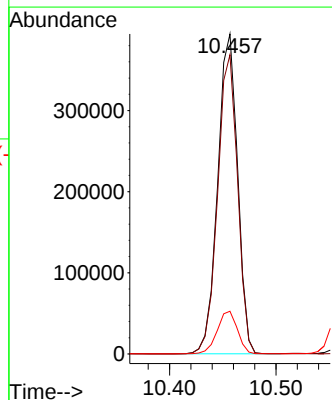
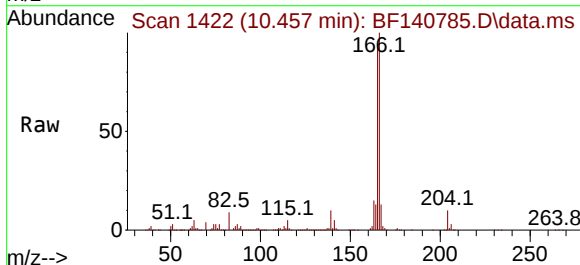
Instrument :
BNA_F
ClientSampleId :
PB165432BS

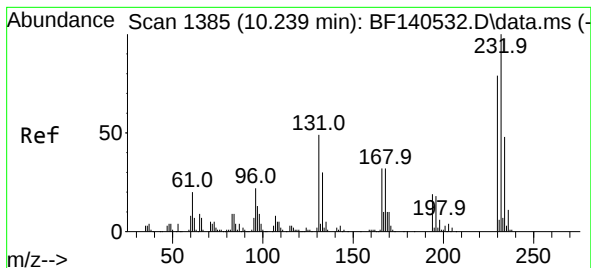
Tgt Ion:	165	Resp:	151044
Ion	Ratio	Lower	Upper
165	100		
63	59.5	41.7	62.5
89	84.5	65.8	98.8
182	2.6	2.1	3.1



#58
Fluorene
Concen: 47.806 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

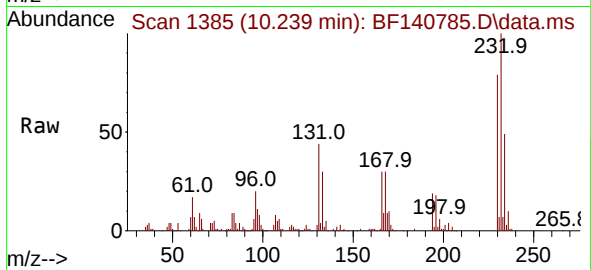
Tgt Ion:	166	Resp:	510311
Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.6	111.8
167	13.4	10.6	16.0



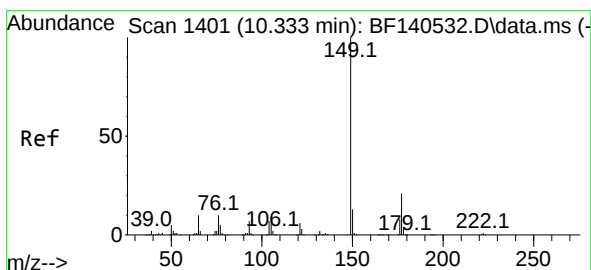
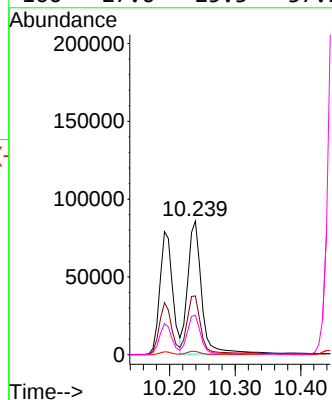
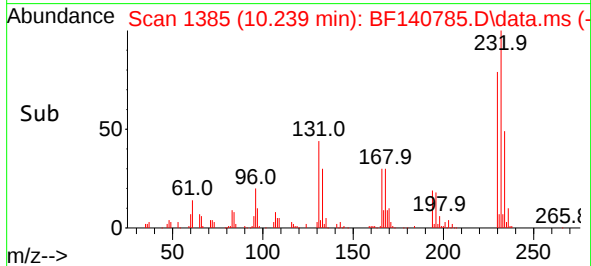


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.658 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

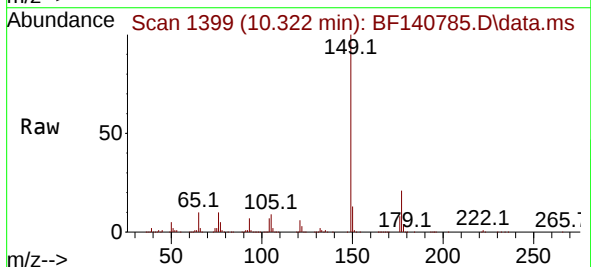
Instrument :
BNA_F
ClientSampleId :
PB165432BS



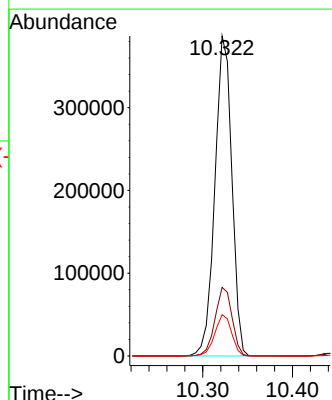
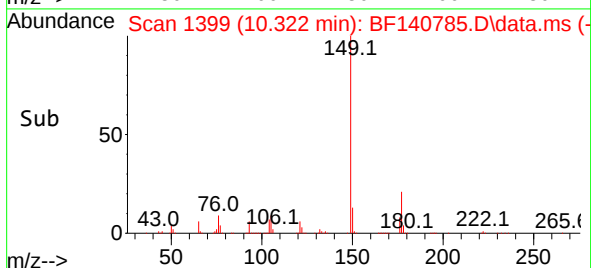
Tgt Ion:232 Resp: 124603
Ion Ratio Lower Upper
232 100
131 41.8 39.6 59.4
130 2.6 1.9 2.9
166 27.6 25.3 37.9

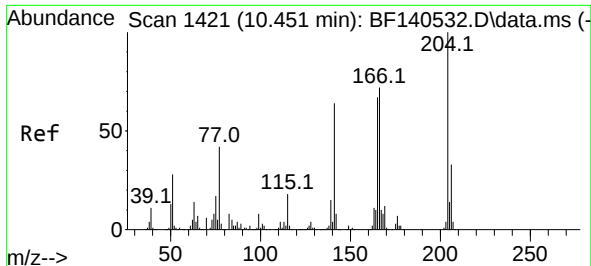


#60
Diethylphthalate
Concen: 47.146 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13



Tgt Ion:149 Resp: 506441
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.9 10.1 15.1

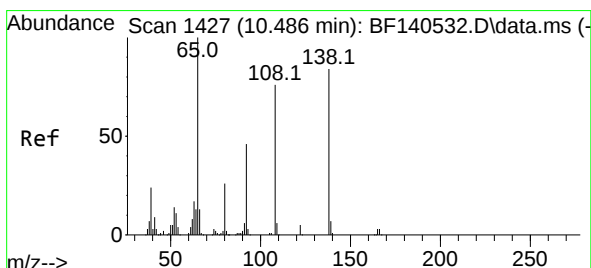
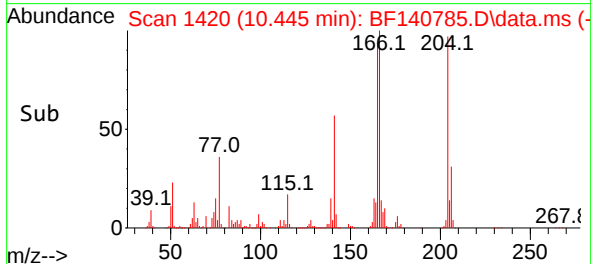
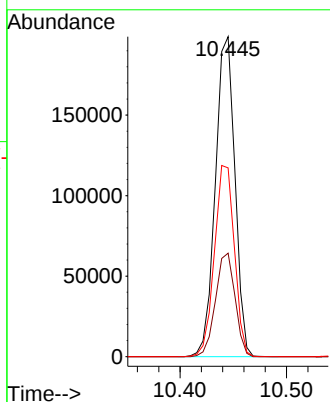
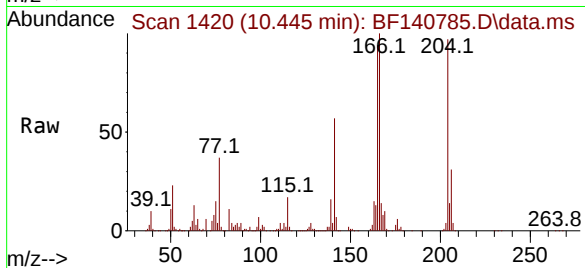




#61
4-Chlorophenyl-phenylether
Concen: 48.367 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

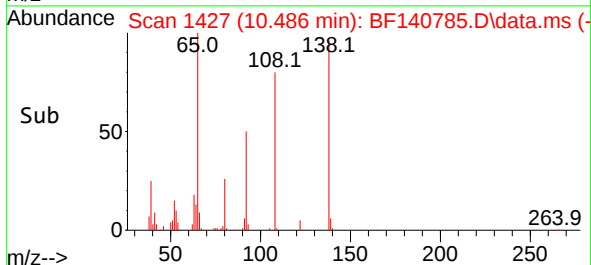
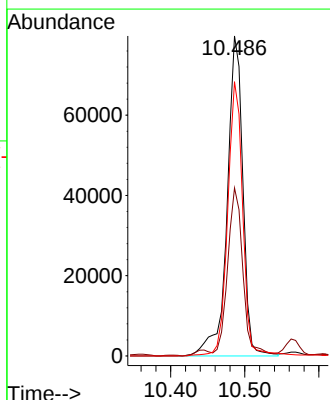
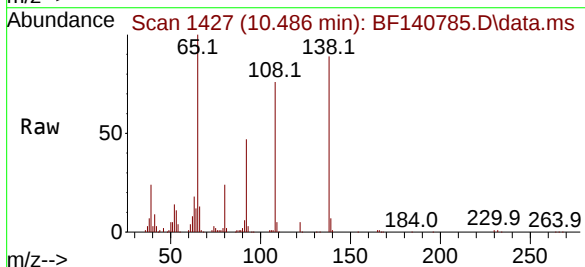
Instrument :
BNA_F
ClientSampleId :
PB165432BS

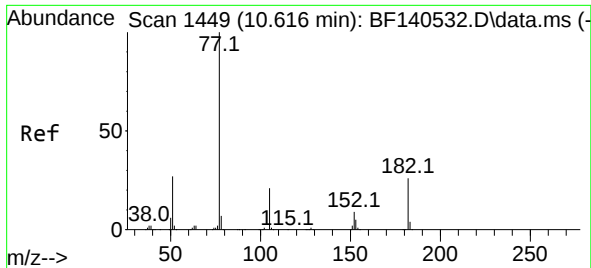
Tgt Ion:204 Resp: 253381
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 59.0 51.1 76.7



#62
4-Nitroaniline
Concen: 47.805 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:138 Resp: 117583
Ion Ratio Lower Upper
138 100
92 52.5 34.5 74.5
108 85.7 70.6 110.6

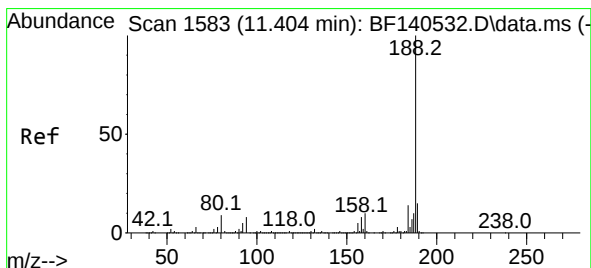
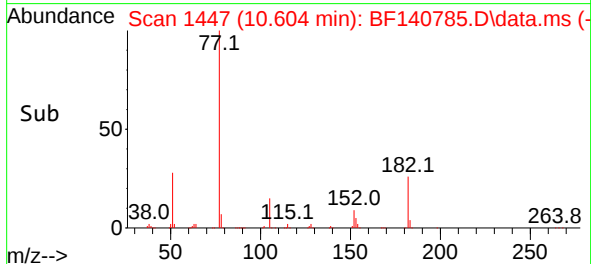
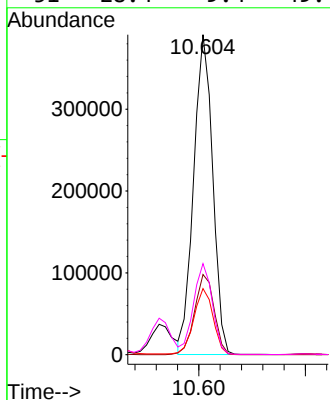
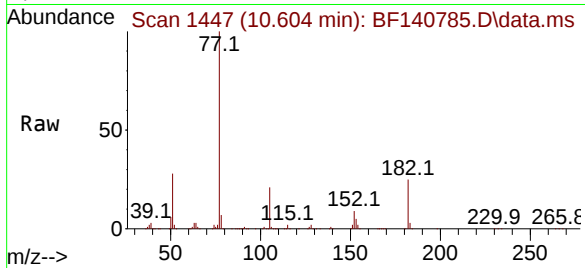




#63
Azobenzene
Concen: 47.773 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

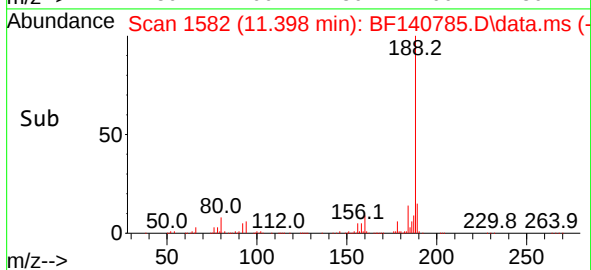
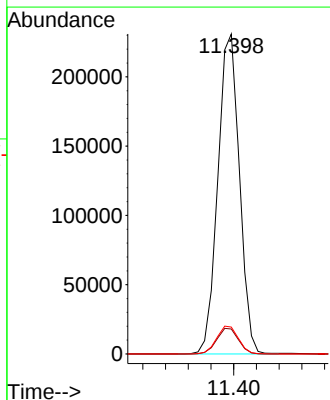
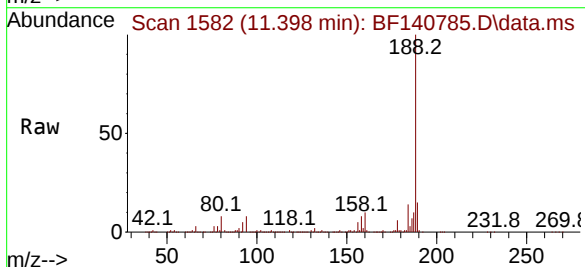
Instrument :
BNA_F
ClientSampleId :
PB165432BS

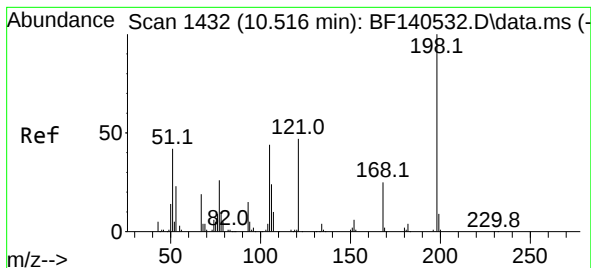
Tgt Ion: 77	Resp: 485982
Ion Ratio	Lower Upper
77 100	
182 25.0	5.3 45.3
105 20.7	0.3 40.3
51 28.4	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt	Ion:188	Resp:	304861
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	8.4	6.9	10.3

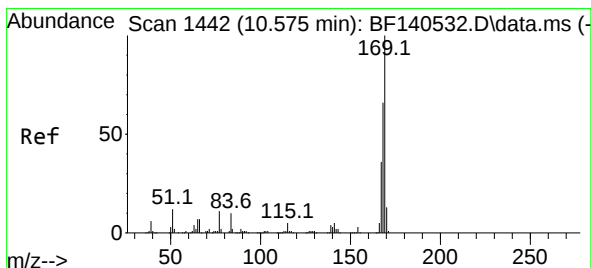
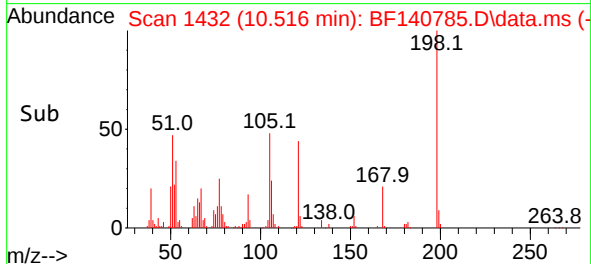
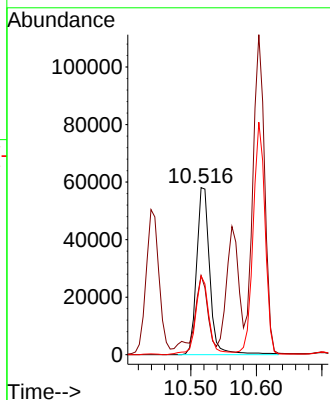
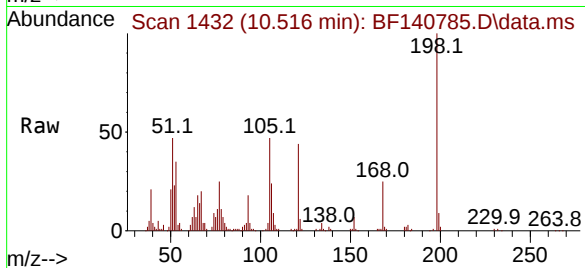




#65
4,6-Dinitro-2-methylphenol
Concen: 52.364 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

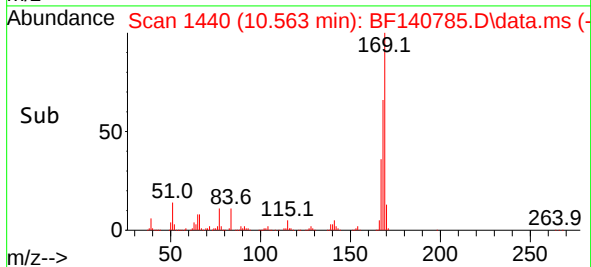
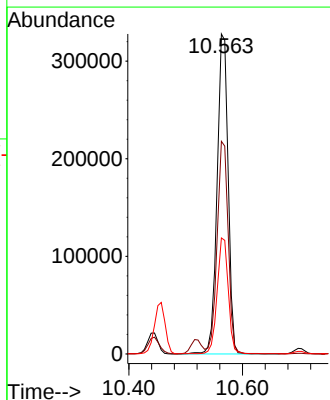
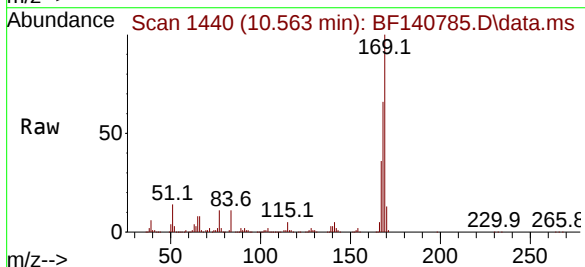
Instrument :
BNA_F
ClientSampleId :
PB165432BS

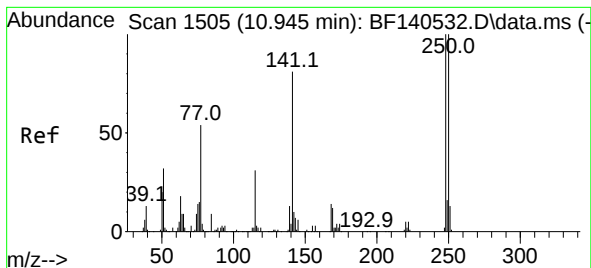
Tgt Ion:198 Resp: 81575
Ion Ratio Lower Upper
198 100
51 47.3 29.4 69.4
105 47.1 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.873 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

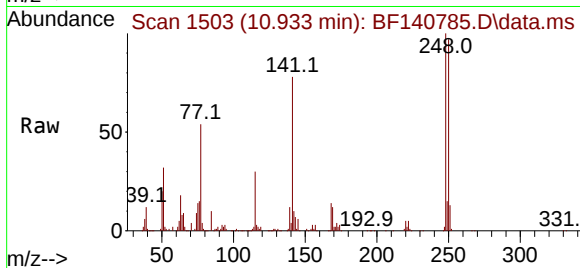
Tgt Ion:169 Resp: 440615
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.3 29.0 43.6



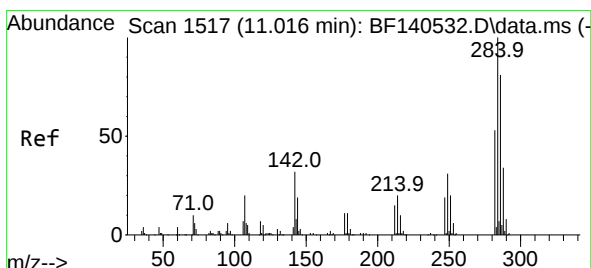
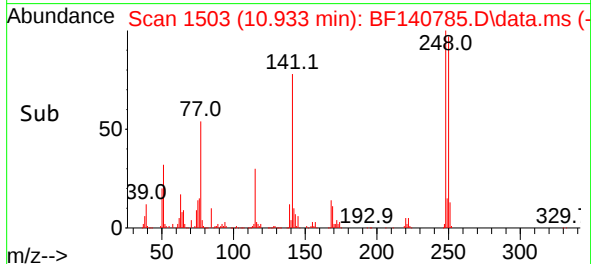
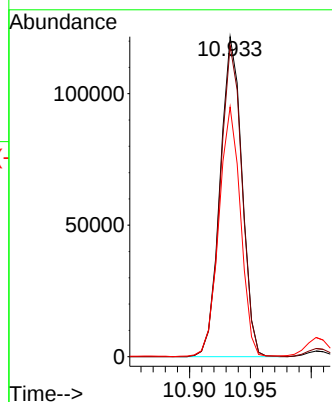


#67
4-Bromophenyl-phenylether
Concen: 48.440 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165432BS

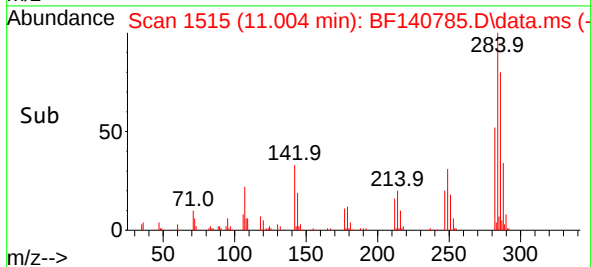
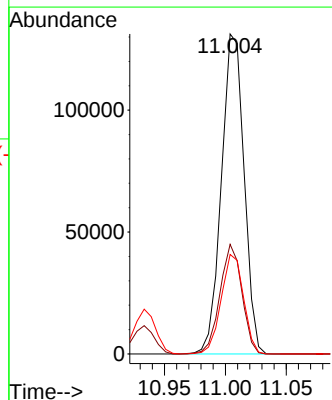
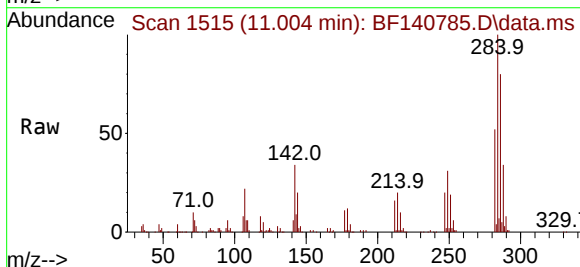


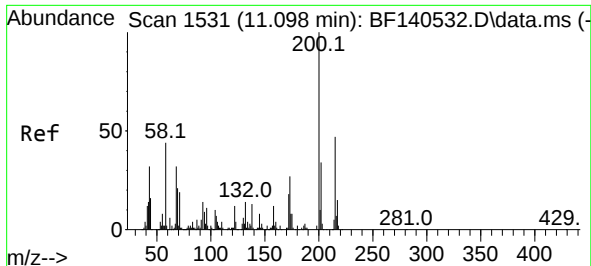
Tgt Ion:248 Resp: 152081
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 78.0 64.7 97.1



#68
Hexachlorobenzene
Concen: 46.855 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:284 Resp: 170335
Ion Ratio Lower Upper
284 100
142 34.3 25.3 37.9
249 31.1 24.8 37.2

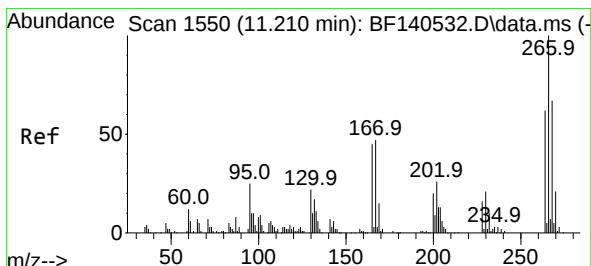
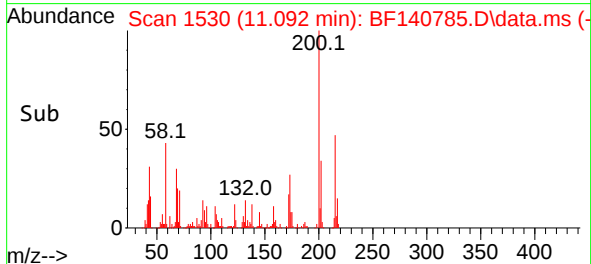
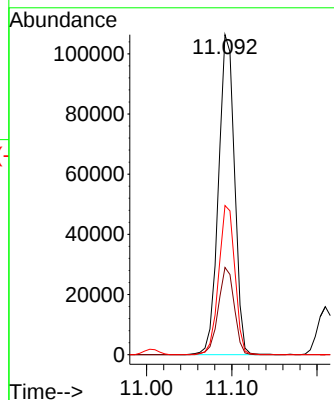
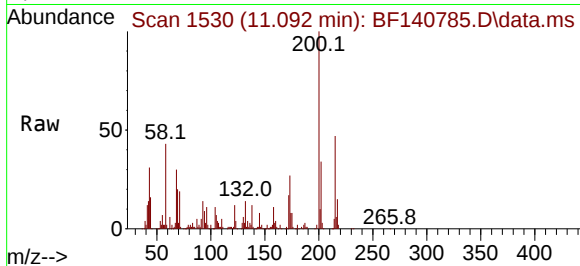




#69
 Atrazine
 Concen: 54.978 ng
 RT: 11.092 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

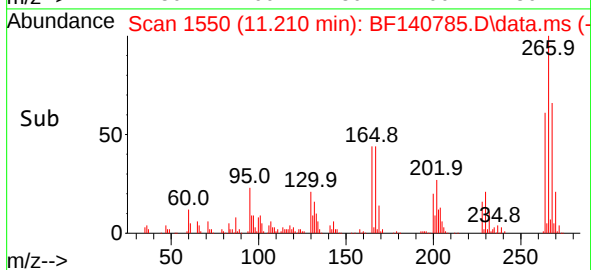
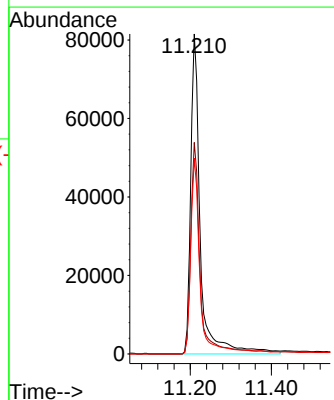
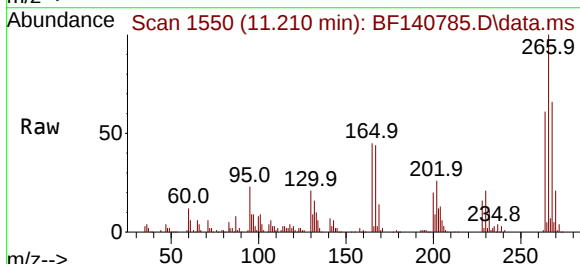
Instrument :
 BNA_F
 ClientSampleId :
 PB165432BS

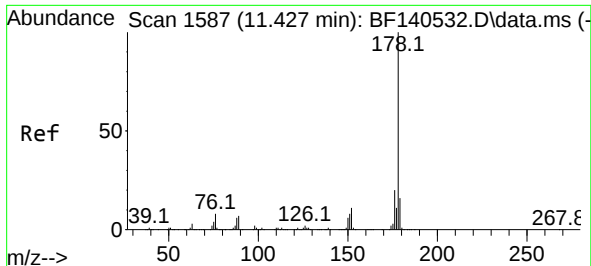
Tgt Ion:200 Resp: 139437
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.0 47.0
 215 46.6 26.7 66.7



#70
 Pentachlorophenol
 Concen: 84.021 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF140785.D
 Acq: 09 Dec 2024 13:13

Tgt Ion:266 Resp: 134434
 Ion Ratio Lower Upper
 266 100
 268 66.1 53.7 80.5
 264 61.2 49.8 74.8

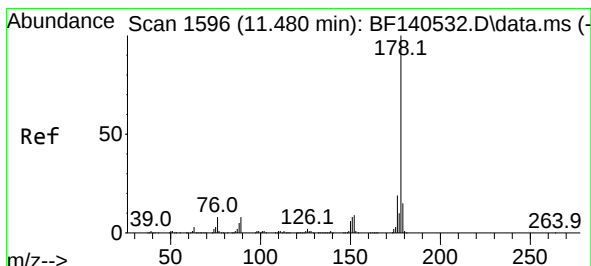
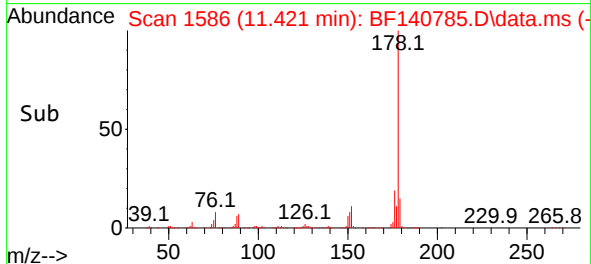
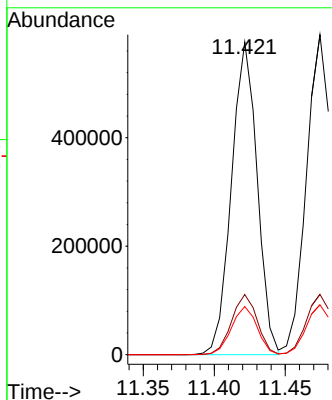
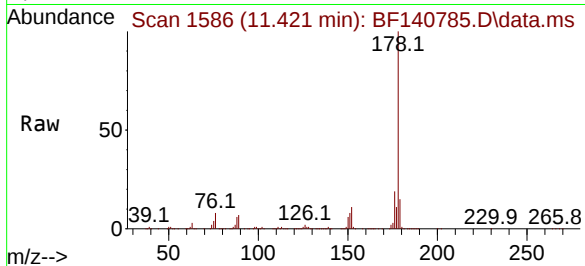




#71
Phenanthrene
Concen: 49.502 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

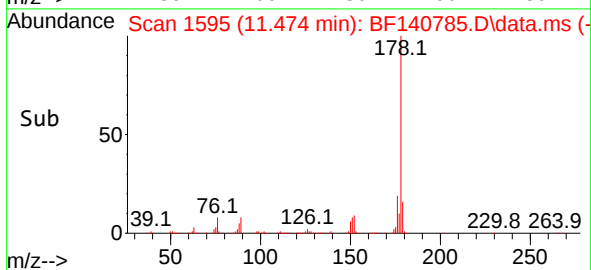
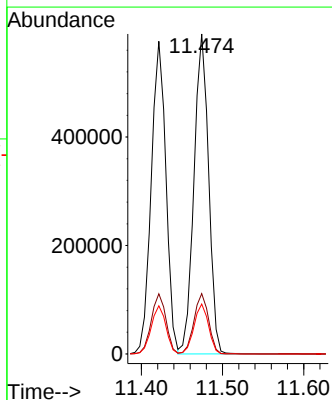
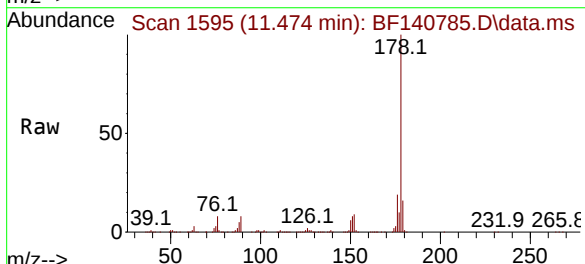
Instrument :
BNA_F
ClientSampleId :
PB165432BS

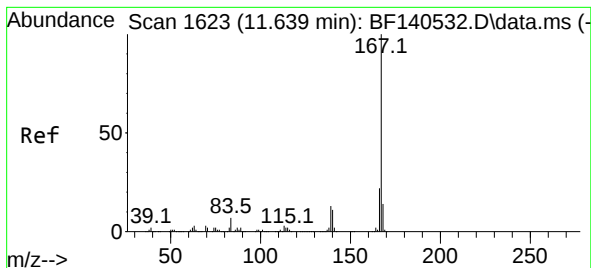
Tgt Ion:178 Resp: 725414
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.4 18.6



#72
Anthracene
Concen: 51.624 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:178 Resp: 740018
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 50.250 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

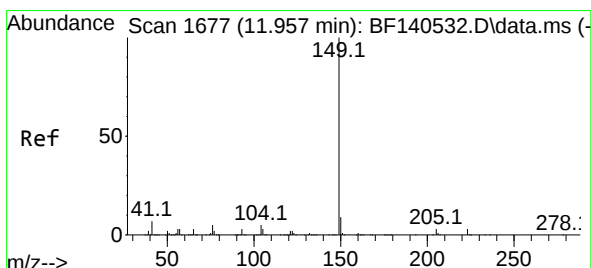
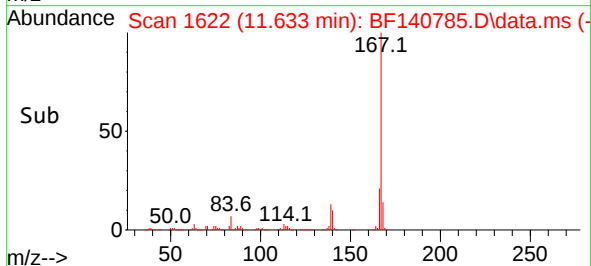
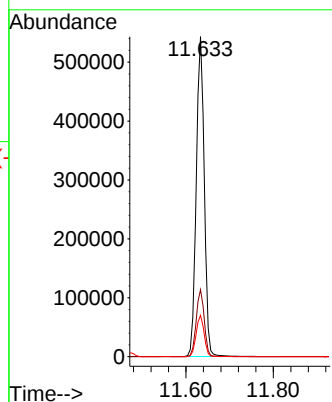
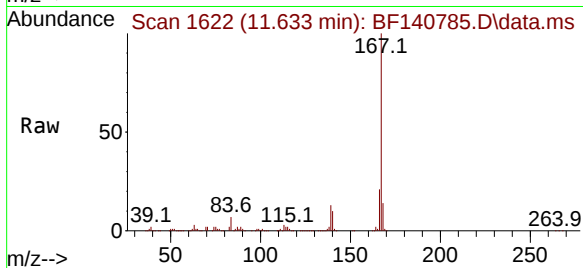
Tgt Ion:167 Resp: 692954

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 48.271 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

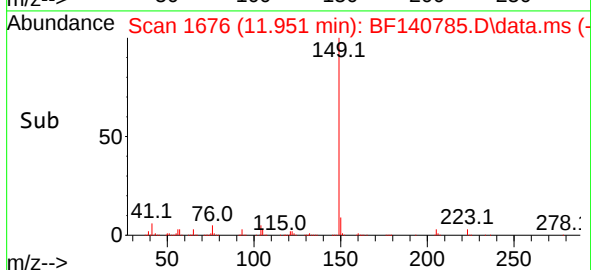
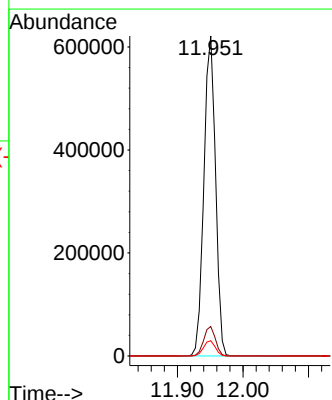
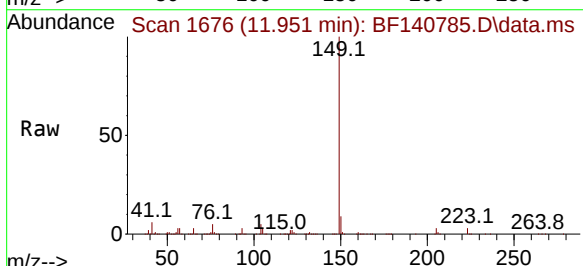
Tgt Ion:149 Resp: 768513

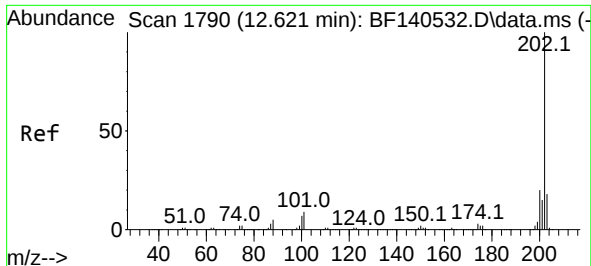
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

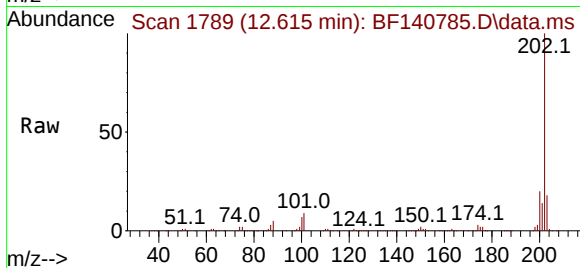
104 4.8 4.1 6.1



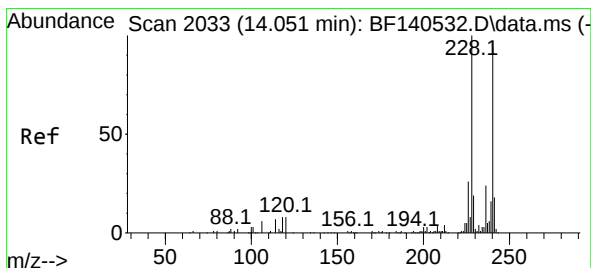
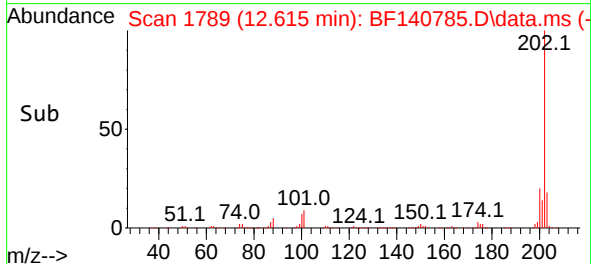
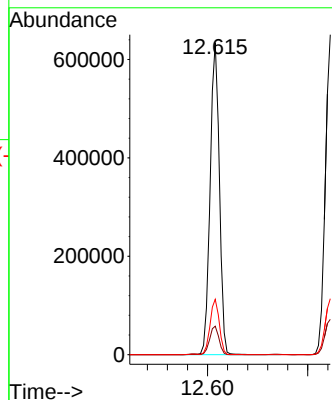


#75
Fluoranthene
Concen: 51.143 ng
RT: 12.615 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165432BS

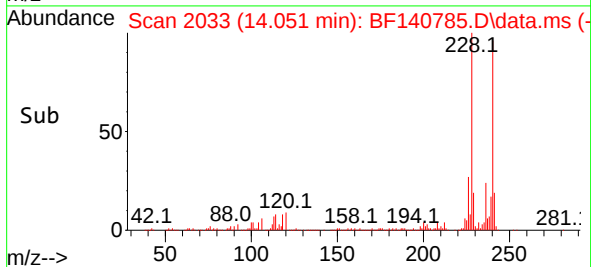
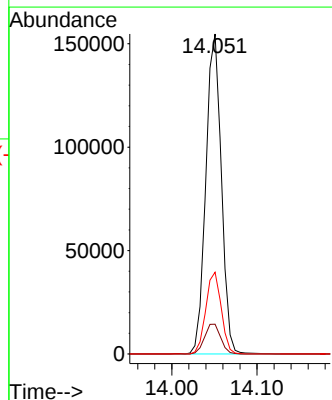
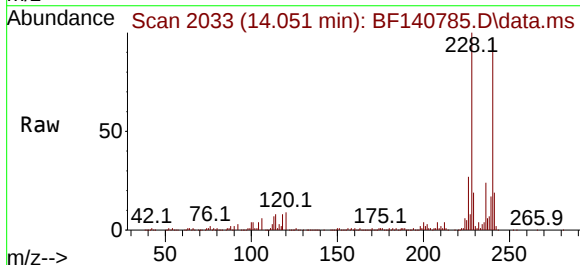


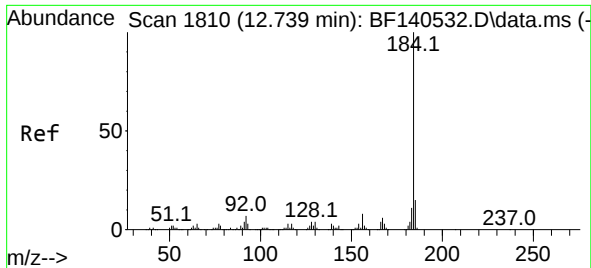
Tgt Ion:202 Resp: 813726
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:240 Resp: 195558
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.5 20.6 31.0

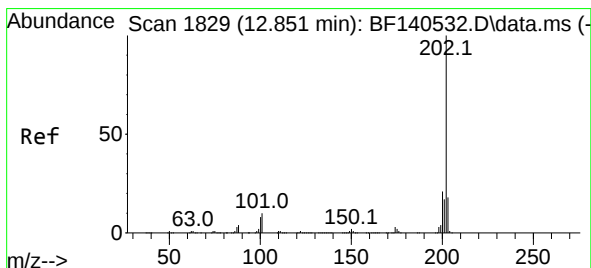
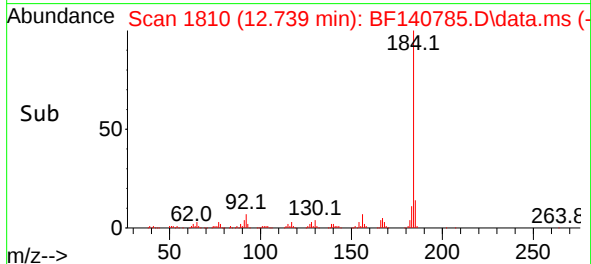
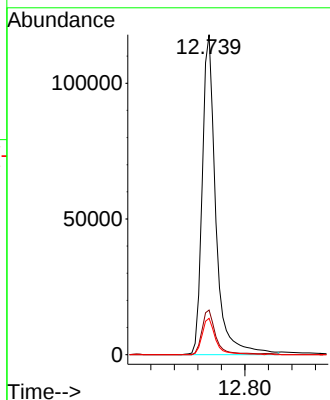
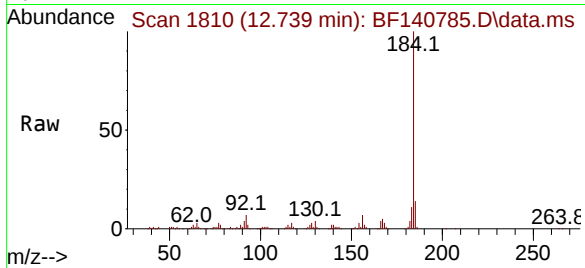




#77
Benzidine
Concen: 33.419 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

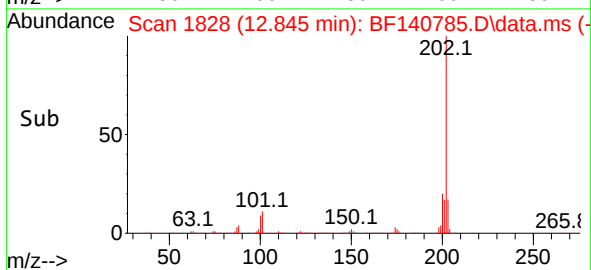
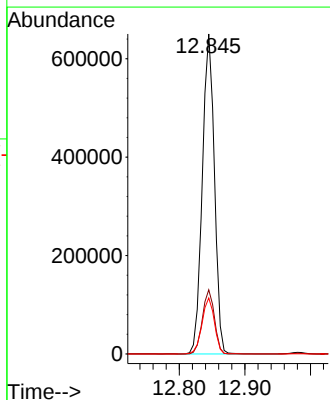
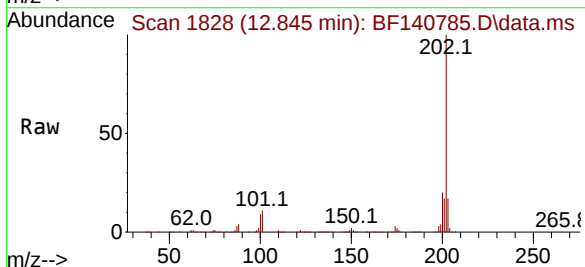
Instrument :
BNA_F
ClientSampleId :
PB165432BS

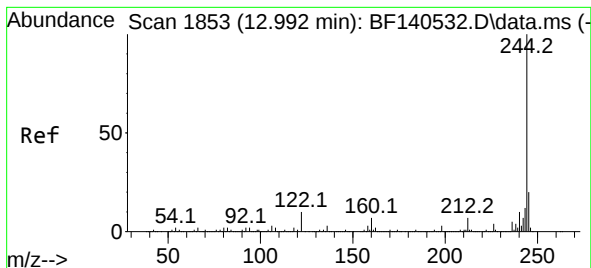
Tgt Ion:184 Resp: 190010
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 11.3 8.8 13.2



#78
Pyrene
Concen: 46.214 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:202 Resp: 835623
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 94.382 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

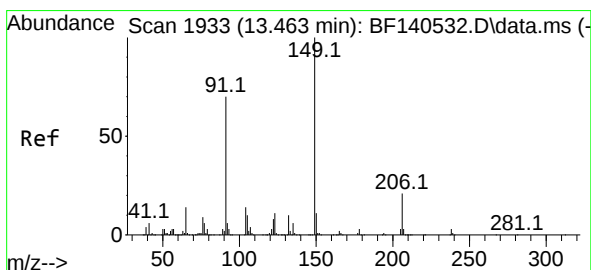
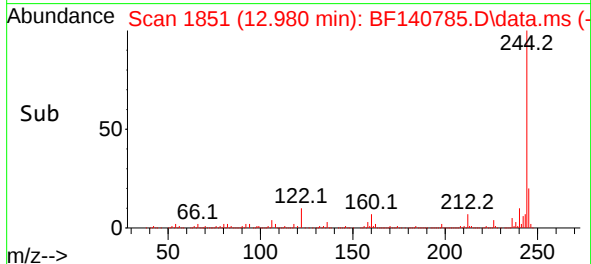
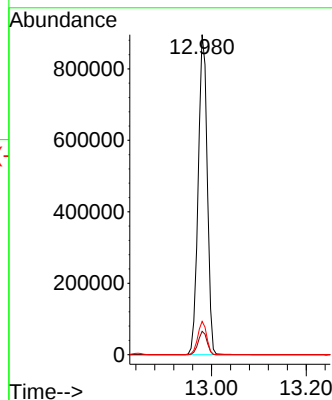
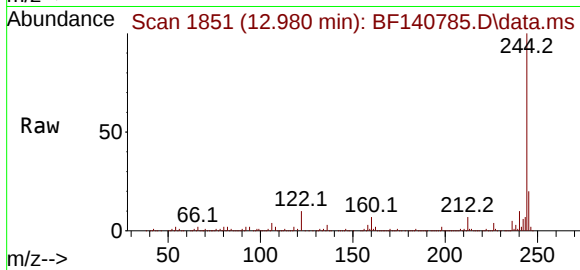
Tgt Ion:244 Resp: 1185336

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 45.836 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

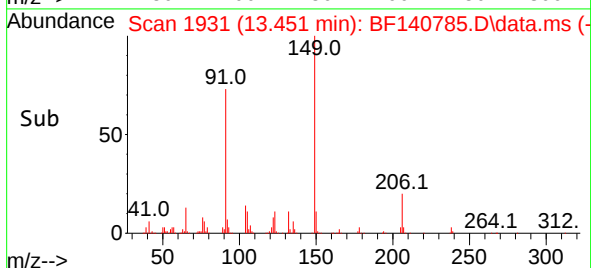
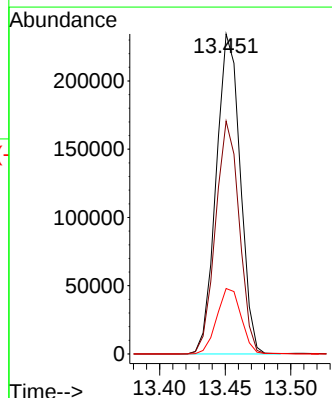
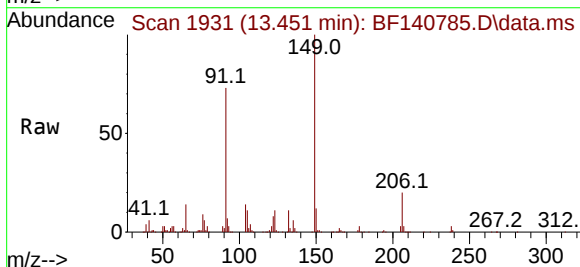
Tgt Ion:149 Resp: 298566

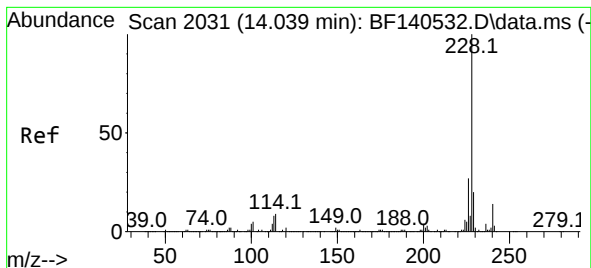
Ion Ratio Lower Upper

149 100

91 72.7 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.207 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

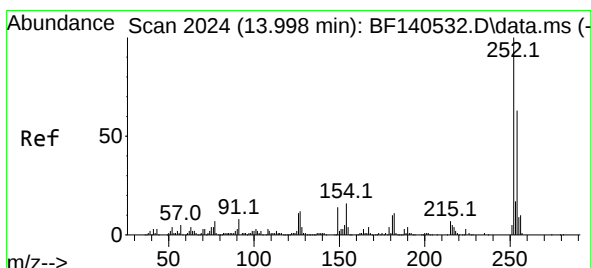
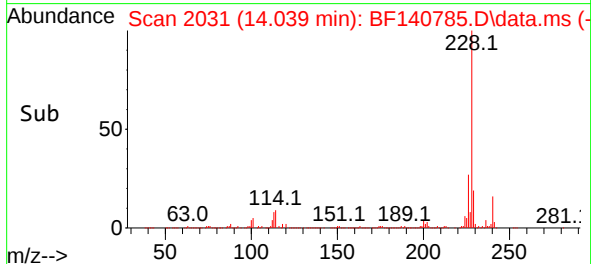
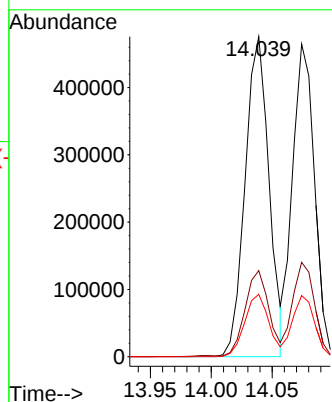
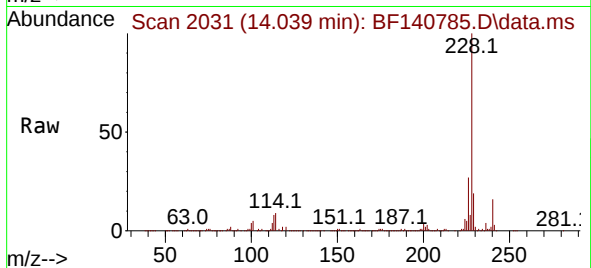
Tgt Ion:228 Resp: 649936

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 34.176 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

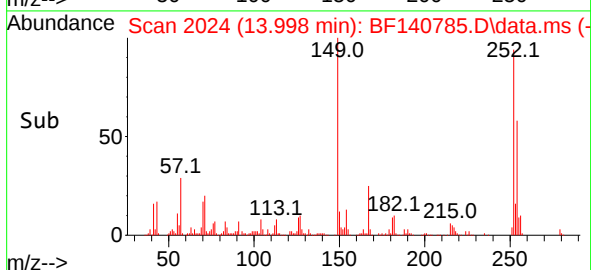
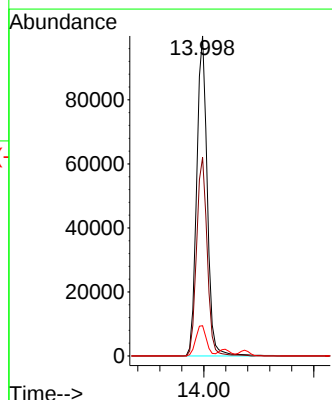
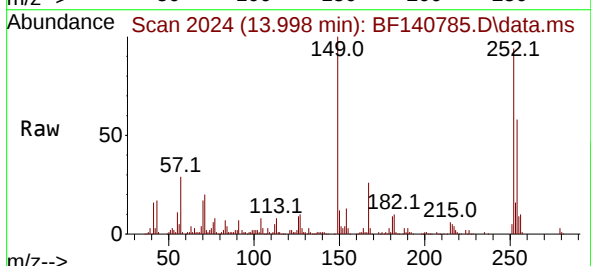
Tgt Ion:252 Resp: 132828

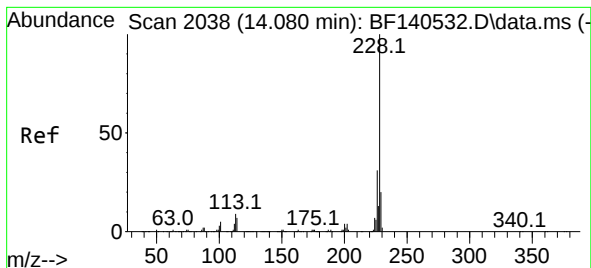
Ion Ratio Lower Upper

252 100

254 62.0 50.8 76.2

126 9.4 8.6 13.0





#83

Chrysene

Concen: 49.544 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

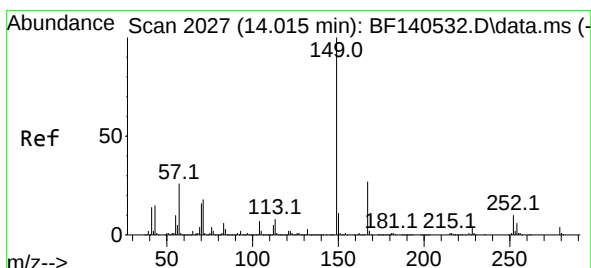
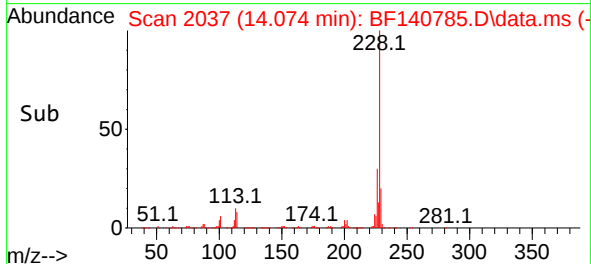
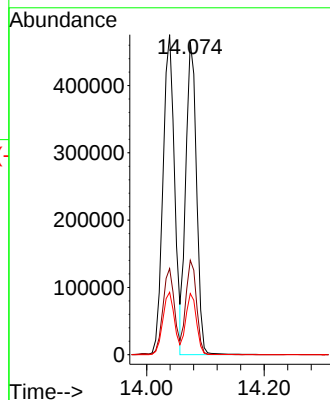
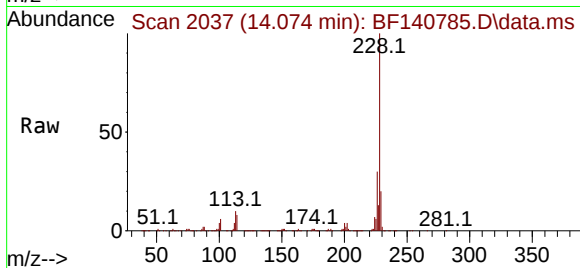
Tgt Ion:228 Resp: 586446

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.422 ng

RT: 14.009 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

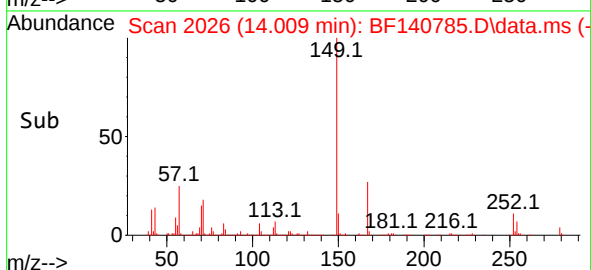
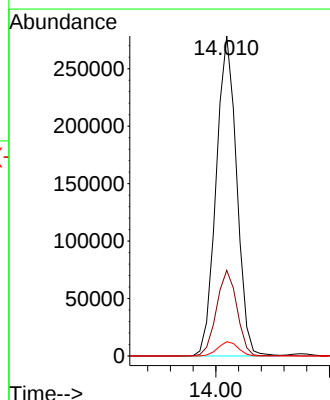
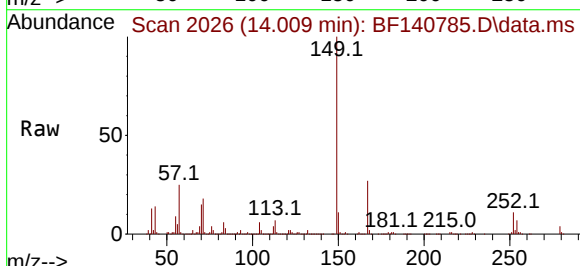
Tgt Ion:149 Resp: 348918

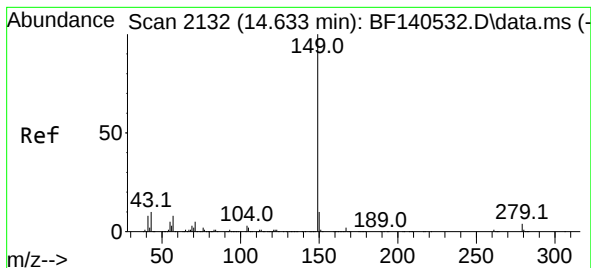
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.996 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

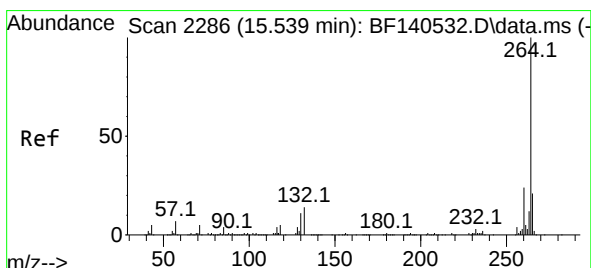
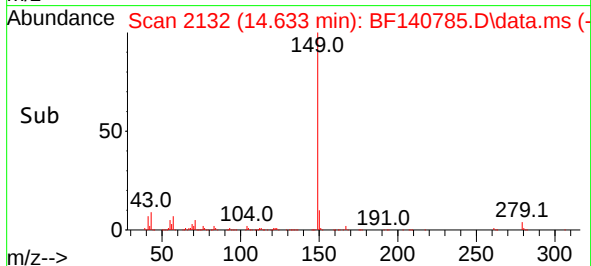
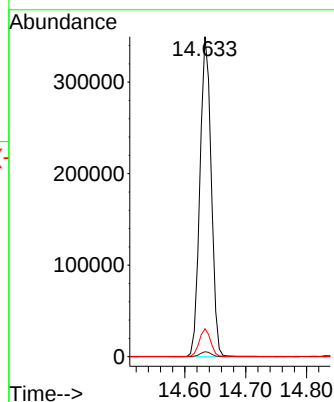
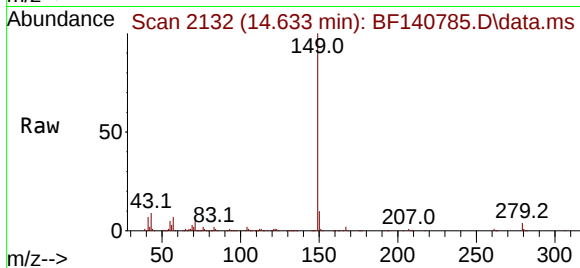
Tgt Ion:149 Resp: 449578

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

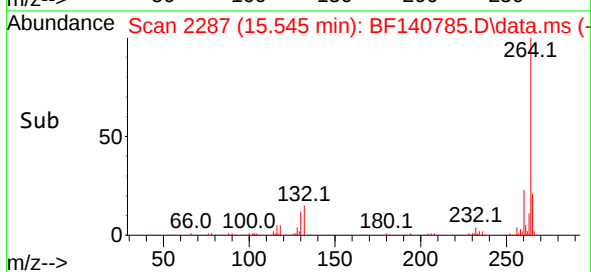
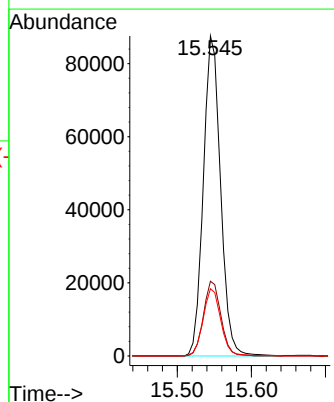
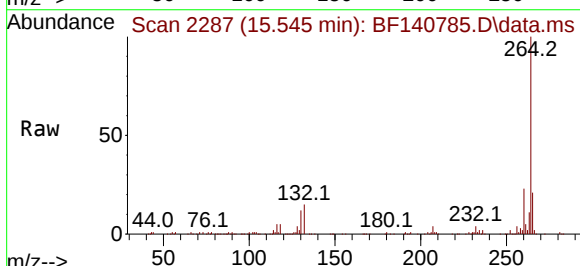
Tgt Ion:264 Resp: 141616

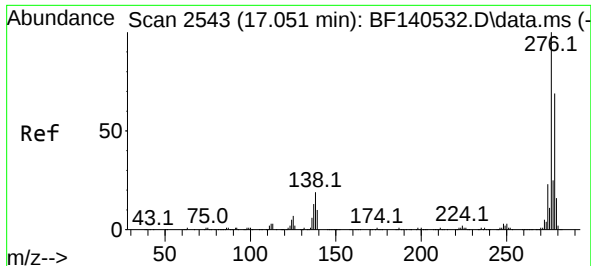
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.0 16.6 25.0

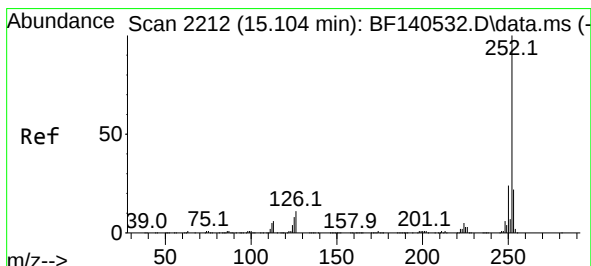
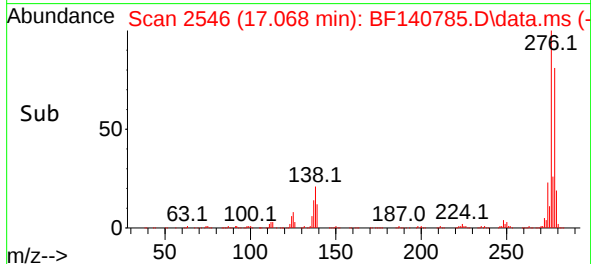
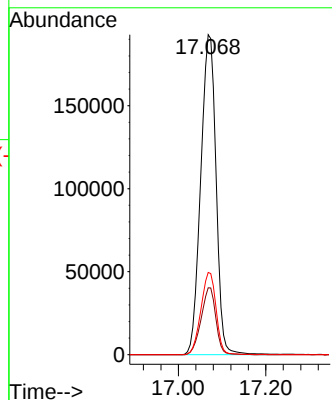
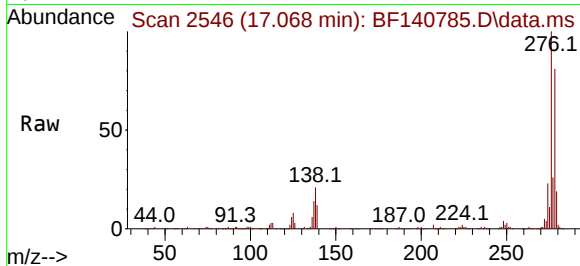




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.988 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

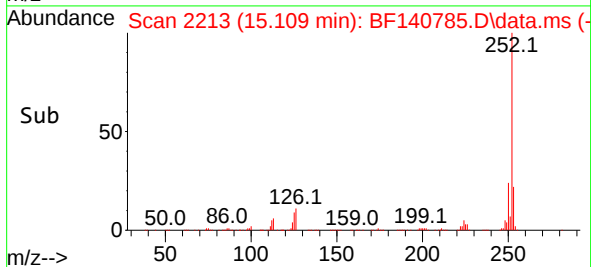
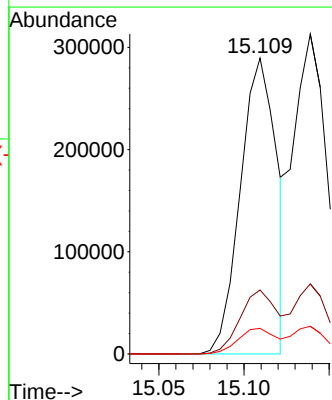
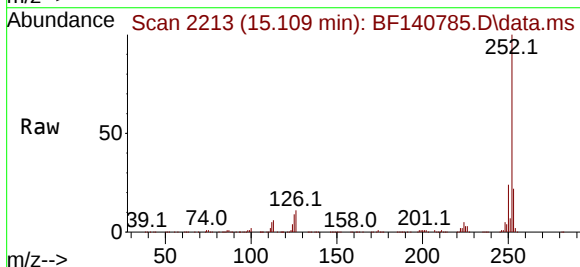
Instrument :
BNA_F
ClientSampleId :
PB165432BS

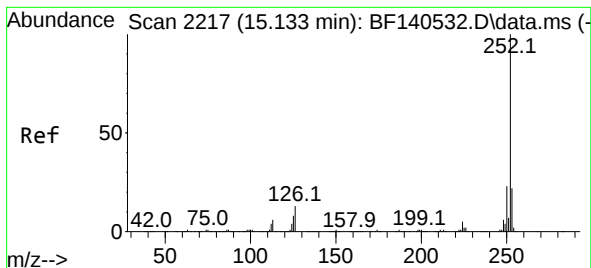
Tgt Ion:276 Resp: 470565
Ion Ratio Lower Upper
276 100
138 20.1 15.5 23.3
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.996 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:252 Resp: 426931
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.7 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.774 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165432BS

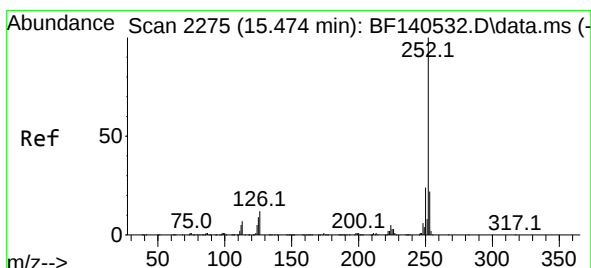
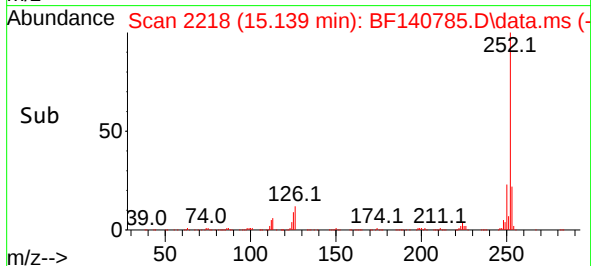
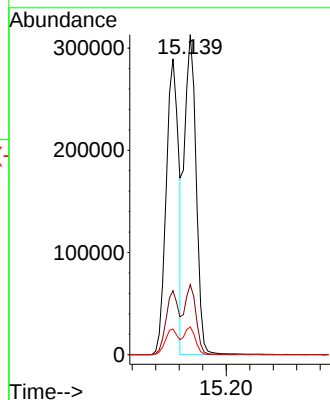
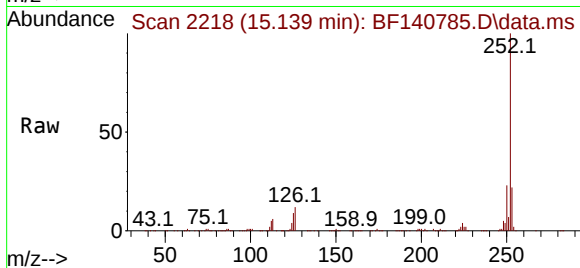
Tgt Ion:252 Resp: 434144

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.259 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140785.D

Acq: 09 Dec 2024 13:13

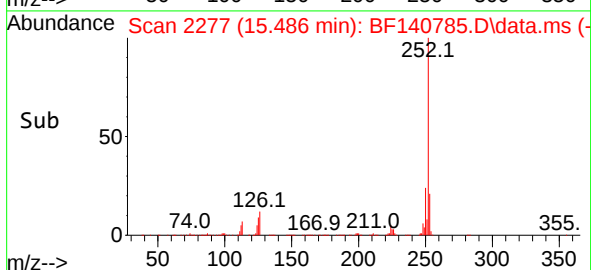
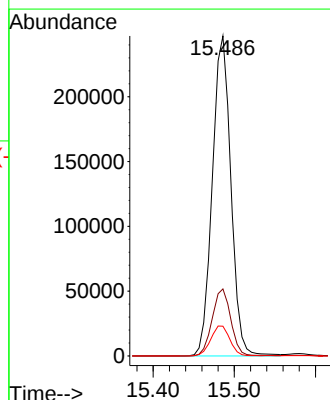
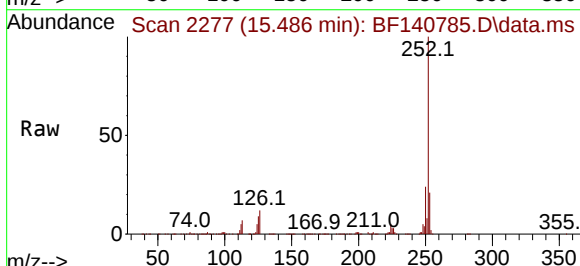
Tgt Ion:252 Resp: 392424

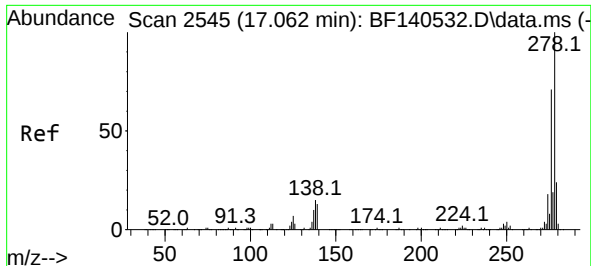
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 9.3 7.0 10.6

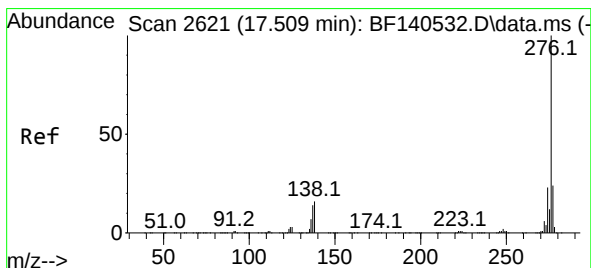
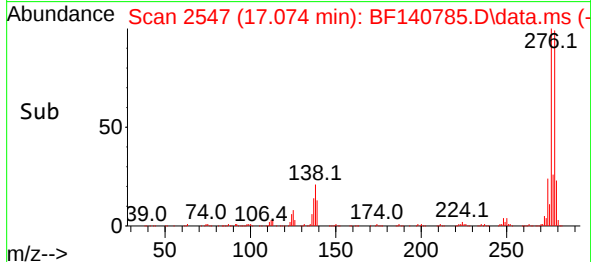
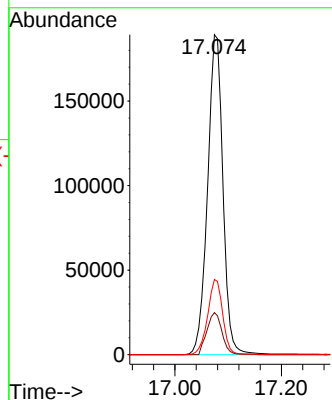
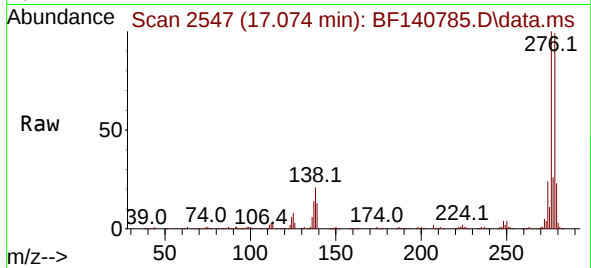




#91
Dibenzo(a,h)anthracene
Concen: 50.278 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165432BS

Tgt Ion:278 Resp: 380010
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.065 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140785.D
Acq: 09 Dec 2024 13:13

Tgt Ion:276 Resp: 362994
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 17.6 13.2 19.8

