

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140748.D
 Acq On : 05 Dec 2024 15:02
 Operator : RC/JU
 Sample : PB165383BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165383BS

Quant Time: Dec 05 15:22:39 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	6.875	152	70557	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	276888	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	161032	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	312586	20.000	ng	0.00
76) Chrysene-d12	14.063	240	204731	20.000	ng	0.01
86) Perylene-d12	15.562	264	165261	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	623289	150.724	ng	0.02
7) Phenol-d6	6.522	99	818562	149.729	ng	0.00
23) Nitrobenzene-d5	7.439	82	523175	96.648	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	268137	155.690	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1080199	99.945	ng	0.00
79) Terphenyl-d14	12.992	244	1276031	97.052	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	74182	42.666	ng	98
3) Pyridine	3.522	79	168021	43.921	ng	99
4) n-Nitrosodimethylamine	3.475	42	102903	45.768	ng	94
6) Aniline	6.540	93	200568	52.123	ng	# 54
8) 2-Chlorophenol	6.669	128	236344	53.123	ng	95
9) Benzaldehyde	6.428	77	68351	23.617	ng	99
10) Phenol	6.534	94	297103	53.214	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	236057	55.252	ng	97
12) 1,3-Dichlorobenzene	6.816	146	238571	47.723	ng	98
13) 1,4-Dichlorobenzene	6.892	146	244137	48.232	ng	99
14) 1,2-Dichlorobenzene	7.040	146	229582	48.404	ng	99
15) Benzyl Alcohol	7.022	79	212251	52.352	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	256587	50.836	ng	69
17) 2-Methylphenol	7.140	107	187187	52.561	ng	95
18) Hexachloroethane	7.381	117	91109	48.193	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	166463	51.521	ng	96
20) 3+4-Methylphenols	7.292	107	247396	54.045	ng	# 85
22) Acetophenone	7.281	105	323522	47.926	ng	# 94
24) Nitrobenzene	7.457	77	257859	46.090	ng	100
25) Isophorone	7.698	82	449849	49.824	ng	100
26) 2-Nitrophenol	7.775	139	126163	50.886	ng	97
27) 2,4-Dimethylphenol	7.816	122	183228	61.766	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	275670	50.118	ng	99
29) 2,4-Dichlorophenol	8.028	162	208521	53.048	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	207358	46.202	ng	99
31) Naphthalene	8.175	128	684161	47.970	ng	99
32) Benzoic acid	7.963	122	102554	40.966	ng	99
33) 4-Chloroaniline	8.239	127	92111	21.571	ng	99
34) Hexachlorobutadiene	8.286	225	137822	46.362	ng	100
35) Caprolactam	8.610	113	36412	29.933	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	229415	52.127	ng	99
37) 2-Methylnaphthalene	8.869	142	461395	50.934	ng	99
38) 1-Methylnaphthalene	8.969	142	431097	48.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	228778	48.529	ng	99
41) Hexachlorocyclopentadiene	9.016	237	178985	160.805	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	147364	49.817	ng	99

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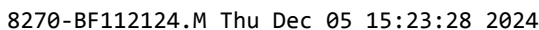
Instrument :
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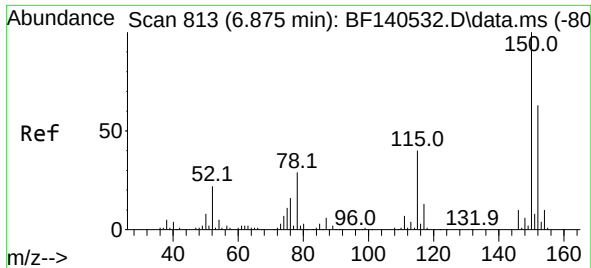
Quant Time: Dec 05 15:22:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154329	48.071	ng	97
46) 1,1'-Biphenyl	9.333	154	591814	49.224	ng	99
47) 2-Chloronaphthalene	9.357	162	439384	48.231	ng	99
48) 2-Nitroaniline	9.463	65	140080	47.905	ng	95
49) Acenaphthylene	9.775	152	720242	52.326	ng	100
50) Dimethylphthalate	9.633	163	546012	51.484	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116862	48.586	ng	95
52) Acenaphthene	9.945	154	433534	49.570	ng	100
53) 3-Nitroaniline	9.875	138	76443	32.495	ng	97
54) 2,4-Dinitrophenol	9.992	184	120252	94.917	ng	97
55) Dibenzofuran	10.122	168	660806	49.535	ng	99
56) 4-Nitrophenol	10.057	139	136189	84.886	ng	95
57) 2,4-Dinitrotoluene	10.116	165	159061	49.758	ng	# 92
58) Fluorene	10.463	166	530789	49.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	135685	54.993	ng	92
60) Diethylphthalate	10.333	149	552011	51.229	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	268199	51.038	ng	99
62) 4-Nitroaniline	10.498	138	116609	47.262	ng	98
63) Azobenzene	10.616	77	517413	50.706	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	88952	55.688	ng	94
66) n-Nitrosodiphenylamine	10.575	169	467920	50.619	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	164095	50.975	ng	94
68) Hexachlorobenzene	11.016	284	182649	49.001	ng	100
69) Atrazine	11.104	200	144895	55.718	ng	99
70) Pentachlorophenol	11.216	266	146015	89.004	ng	99
71) Phenanthrene	11.433	178	761784	50.699	ng	99
72) Anthracene	11.480	178	776530	52.832	ng	100
73) Carbazole	11.639	167	708398	50.100	ng	100
74) Di-n-butylphthalate	11.957	149	853495	52.284	ng	100
75) Fluoranthene	12.621	202	839437	51.455	ng	99
77) Benzidine	12.745	184	178899	30.055	ng	99
78) Pyrene	12.851	202	860738	45.470	ng	99
80) Butylbenzylphthalate	13.463	149	344632	50.538	ng	99
81) Benzo(a)anthracene	14.051	228	706841	52.156	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	151774	37.301	ng	100
83) Chrysene	14.086	228	625800	50.500	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	446072	51.804	ng	99
85) Di-n-octyl phthalate	14.651	149	627308	53.307	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	547725	50.857	ng	99
88) Benzo(b)fluoranthene	15.127	252	504983	48.648	ng	100
89) Benzo(k)fluoranthene	15.157	252	507934	55.917	ng	99
90) Benzo(a)pyrene	15.504	252	463606	54.930	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	448673	50.869	ng	100
92) Benzo(g,h,i)perylene	17.551	276	412062	45.783	ng	99

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

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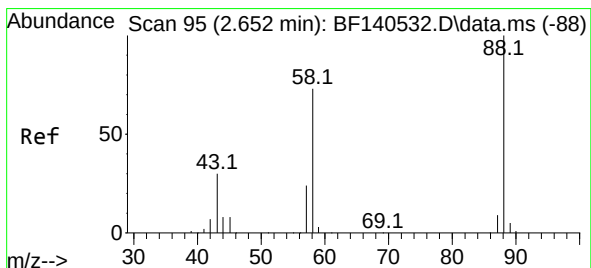
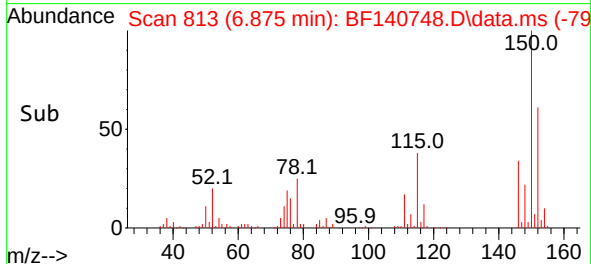
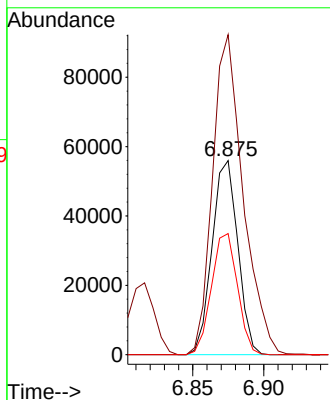
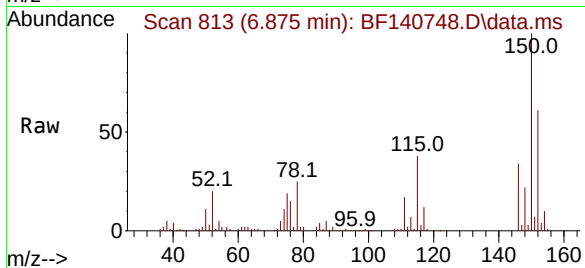




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

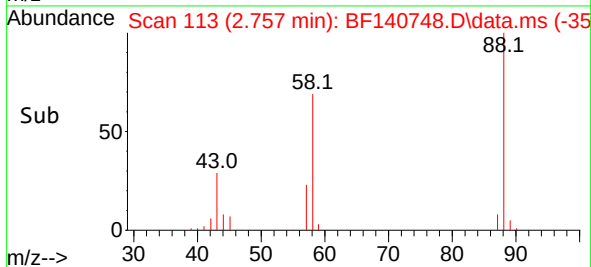
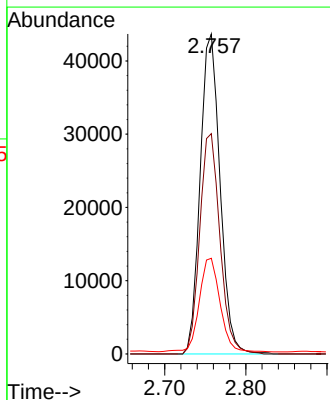
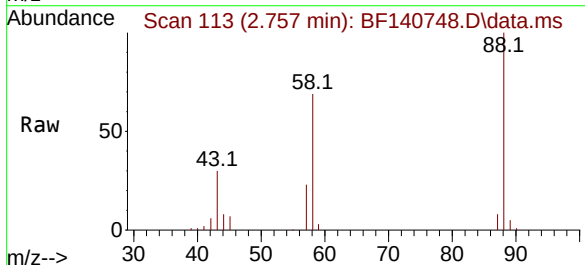
Instrument :
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 PB165383BS

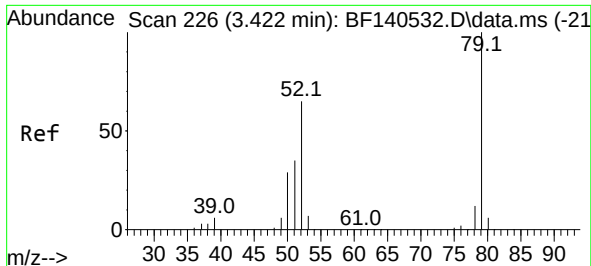
Tgt Ion:152 Resp: 70557
 Ion Ratio Lower Upper
 152 100
 150 164.9 128.5 192.7
 115 62.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 42.666 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.106 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

Tgt Ion: 88 Resp: 74182
 Ion Ratio Lower Upper
 88 100
 58 70.0 57.4 86.2
 43 30.9 24.3 36.5





#3

Pyridine

Concen: 43.921 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.100 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

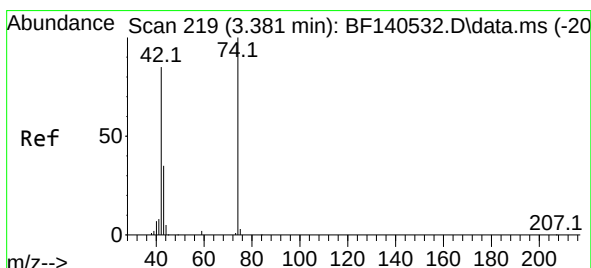
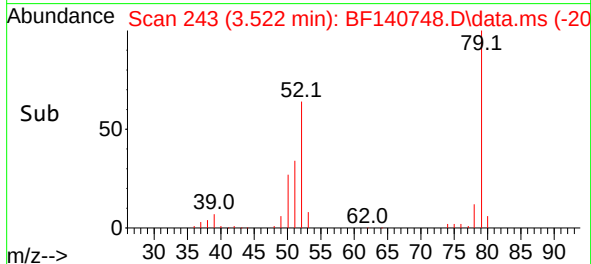
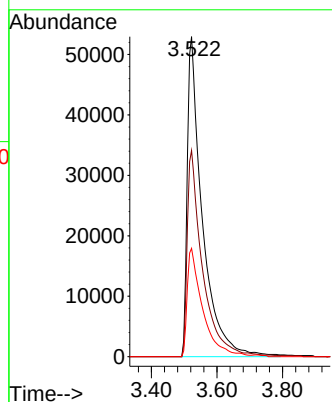
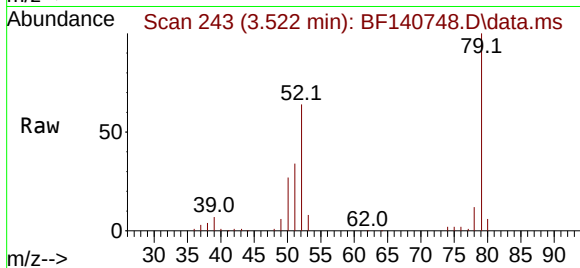
Tgt Ion: 79 Resp: 168021

Ion Ratio Lower Upper

79 100

52 64.5 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.768 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.094 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

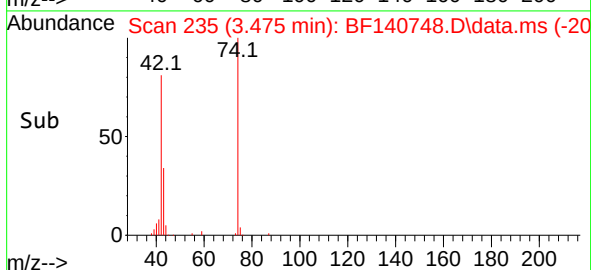
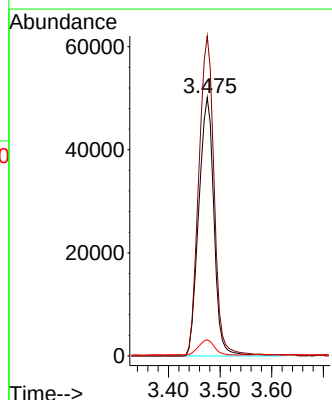
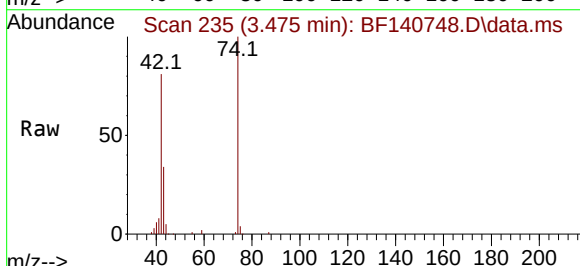
Tgt Ion: 42 Resp: 102903

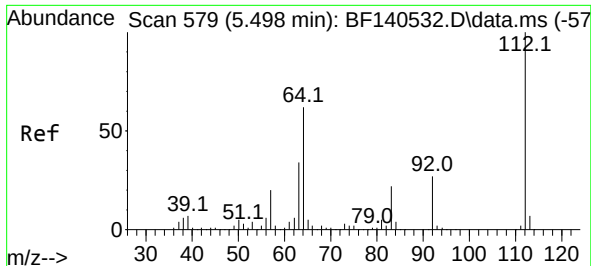
Ion Ratio Lower Upper

42 100

74 123.8 93.8 140.6

44 6.3 4.6 6.8

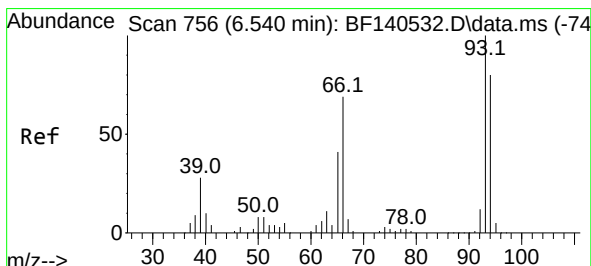
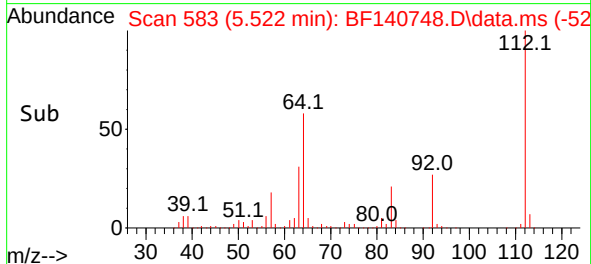
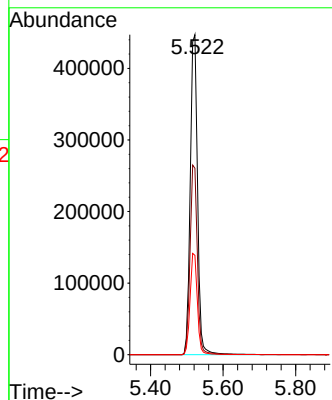
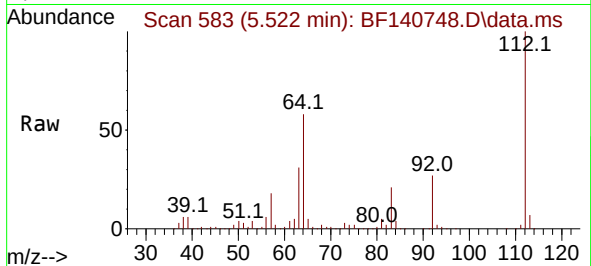




#5
2-Fluorophenol
Concen: 150.724 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

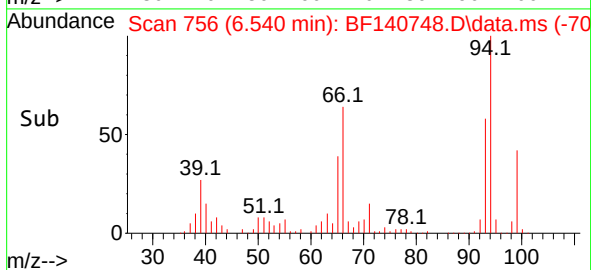
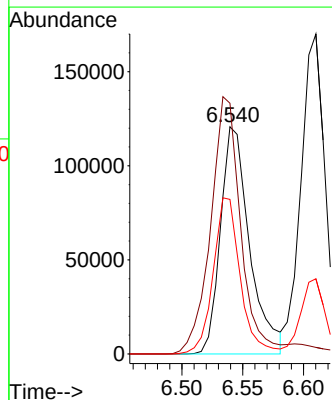
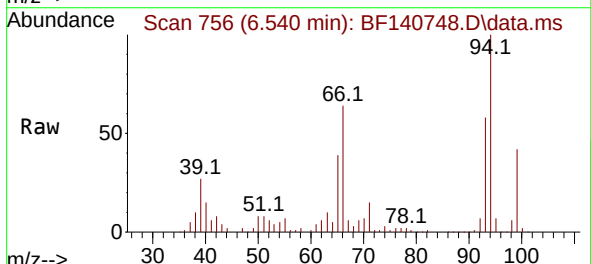
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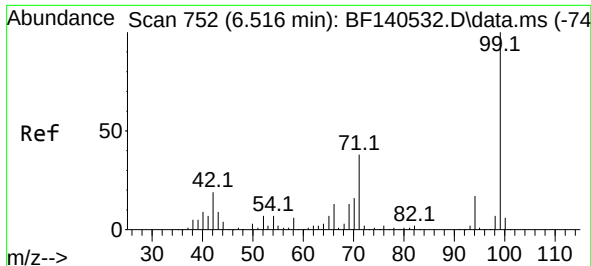
Tgt Ion:112 Resp: 623289
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.0 27.0 40.4



#6
Aniline
Concen: 52.123 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 93 Resp: 200568
Ion Ratio Lower Upper
93 100
66 110.4 56.5 84.7#
65 68.1 32.9 49.3#

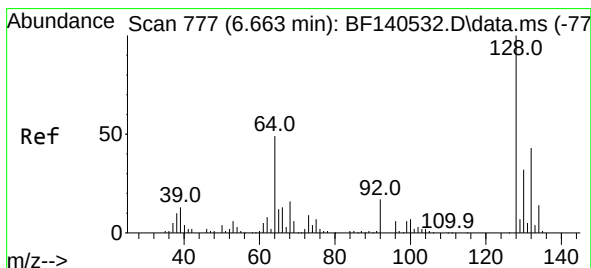
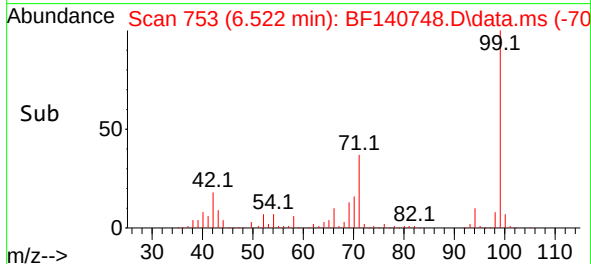
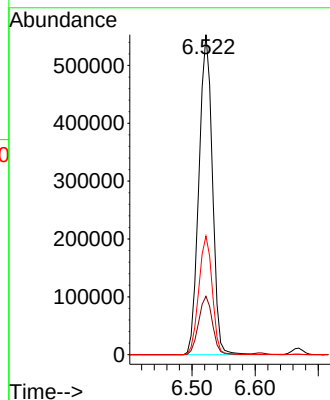
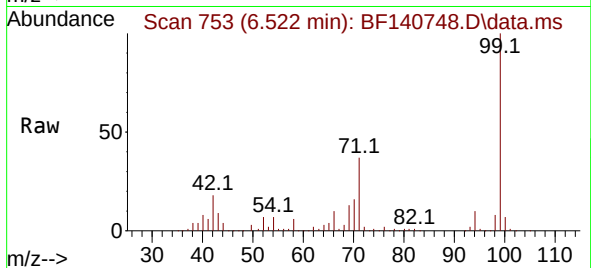




#7
Phenol-d6
Concen: 149.729 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

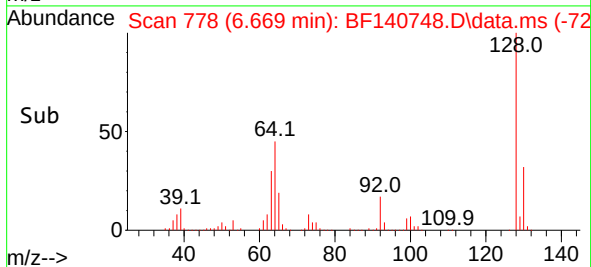
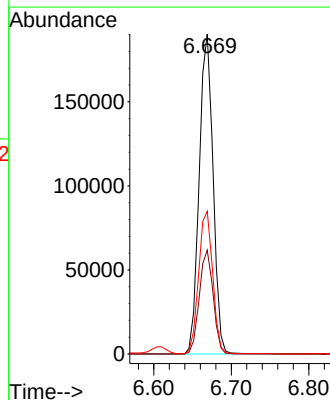
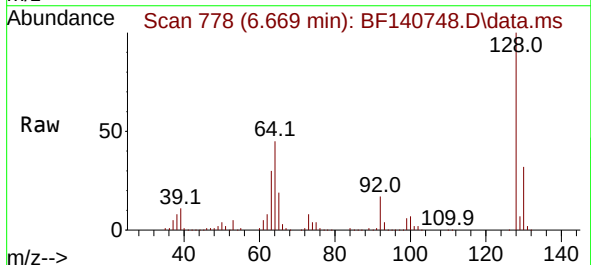
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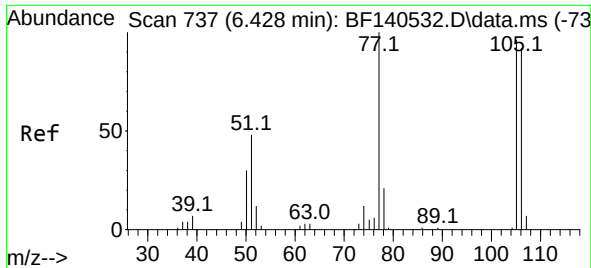
Tgt Ion: 99 Resp: 818562
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 53.123 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:128 Resp: 236344
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 23.617 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

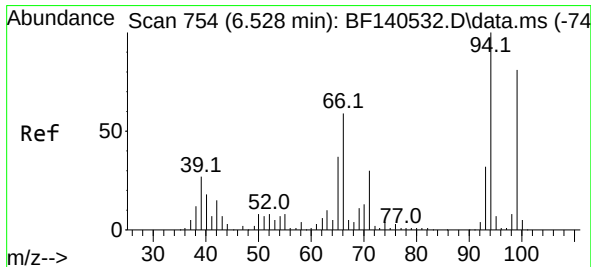
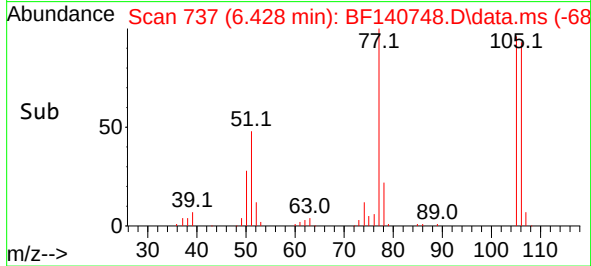
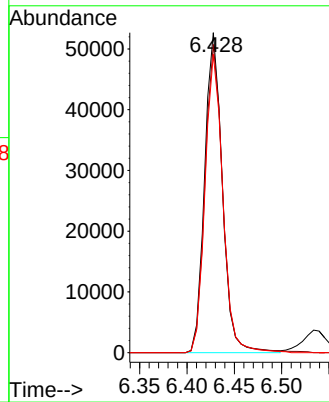
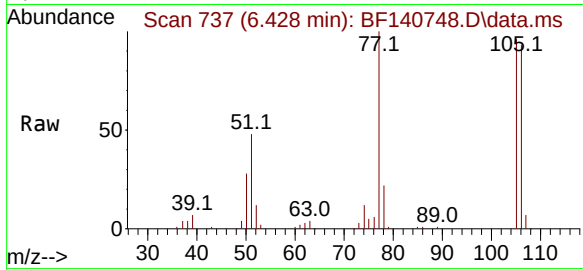
Tgt Ion: 77 Resp: 68351

Ion Ratio Lower Upper

77 100

105 96.3 75.6 115.6

106 93.2 72.0 112.0



#10

Phenol

Concen: 53.214 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

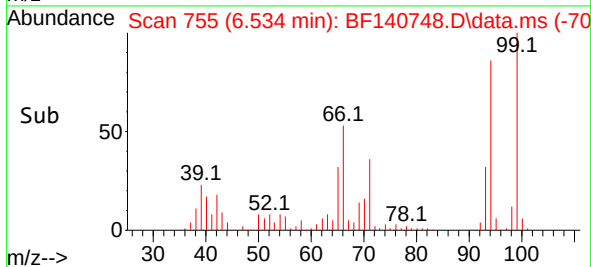
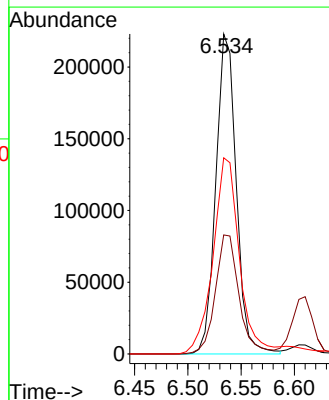
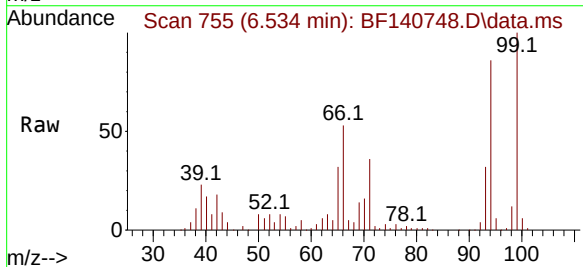
Tgt Ion: 94 Resp: 297103

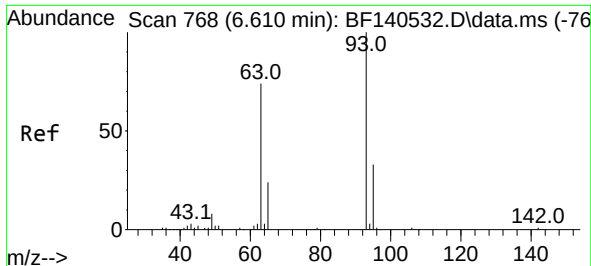
Ion Ratio Lower Upper

94 100

65 37.2 17.2 57.2

66 61.3 39.2 79.2

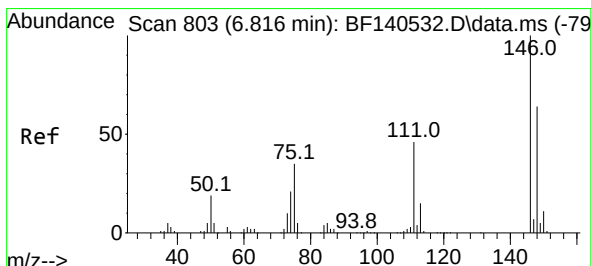
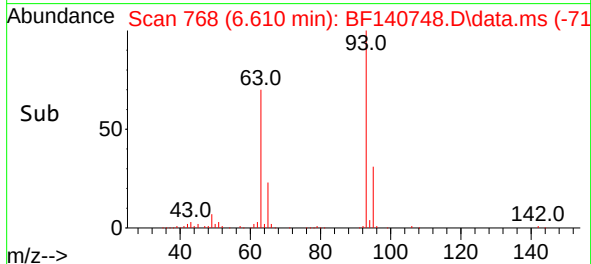
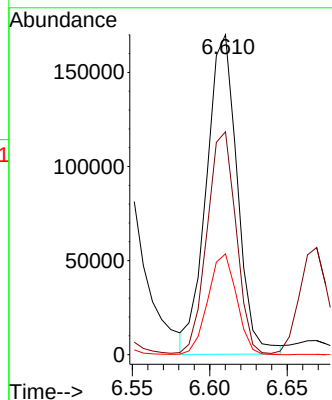
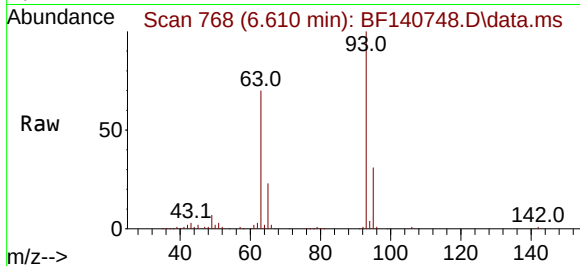




#11
bis(2-Chloroethyl)ether
Concen: 55.252 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

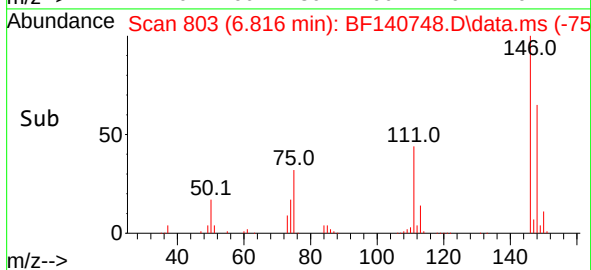
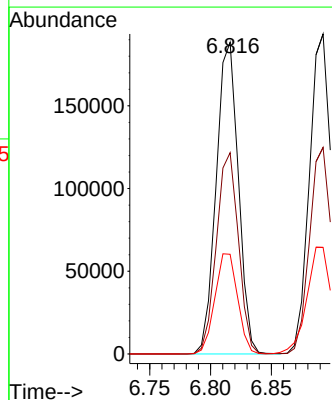
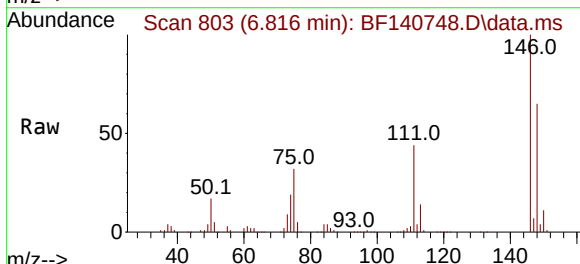
Instrument :
BNA_F
ClientSampleId :
PB165383BS

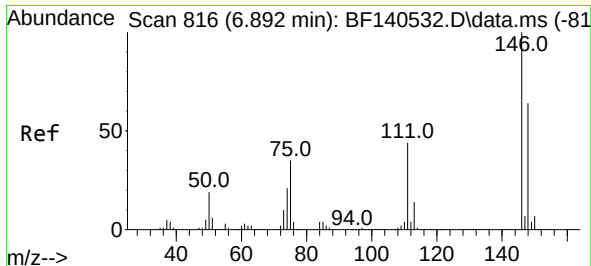
Tgt Ion: 93 Resp: 236057
Ion Ratio Lower Upper
93 100
63 69.7 52.8 92.8
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.723 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 146 Resp: 238571
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 32.0 28.2 42.2

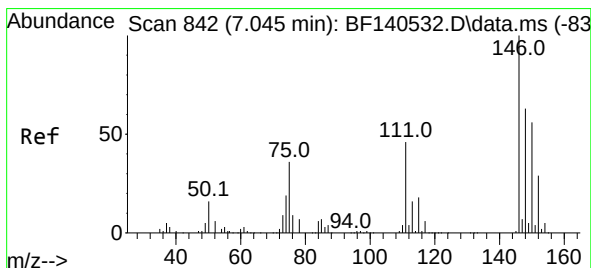
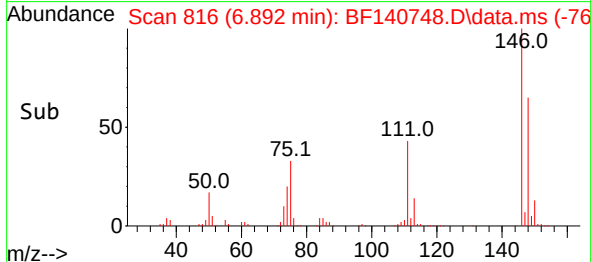
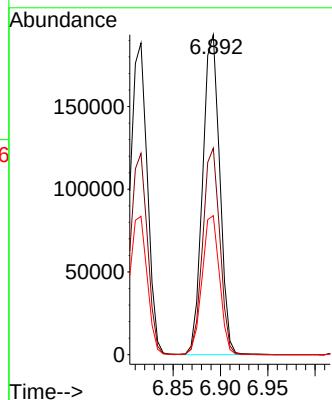
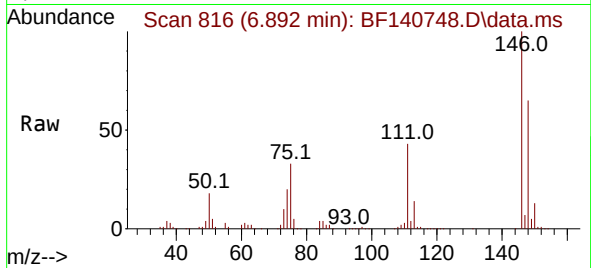




#13
1,4-Dichlorobenzene
Concen: 48.232 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

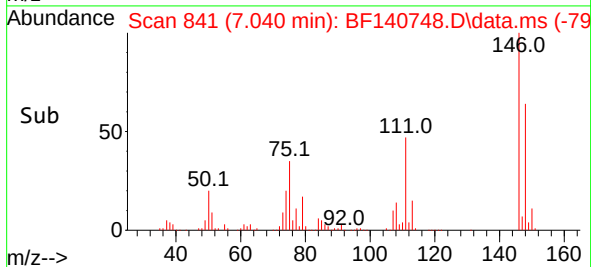
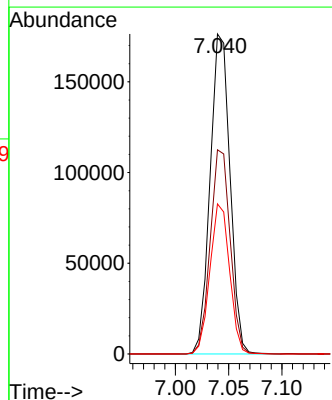
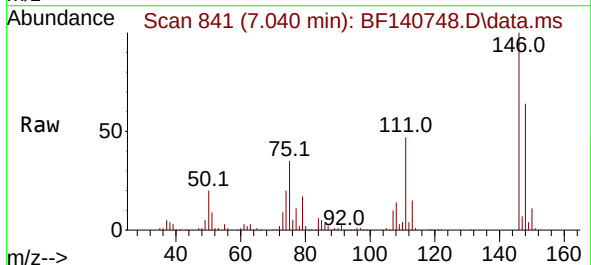
Instrument :
BNA_F
ClientSampleId :
PB165383BS

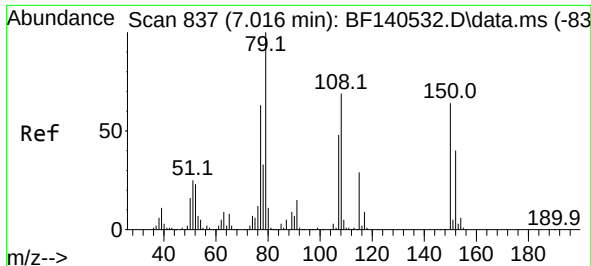
Tgt Ion:146 Resp: 244137
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 43.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.404 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:146 Resp: 229582
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.9 36.7 55.1

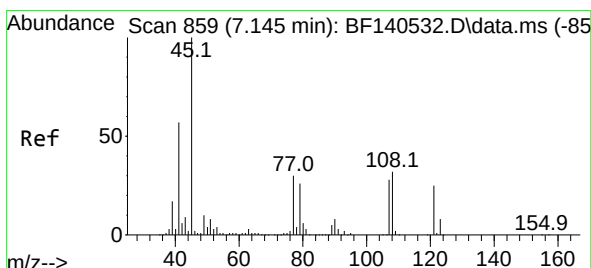
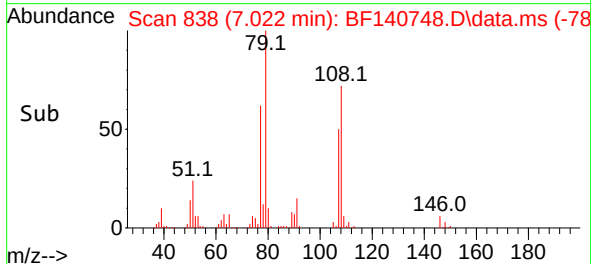
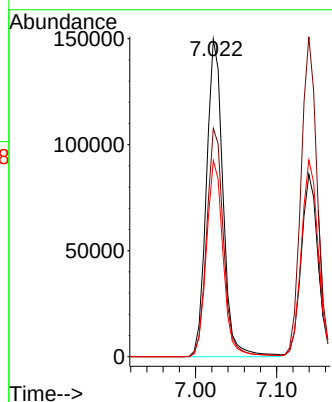
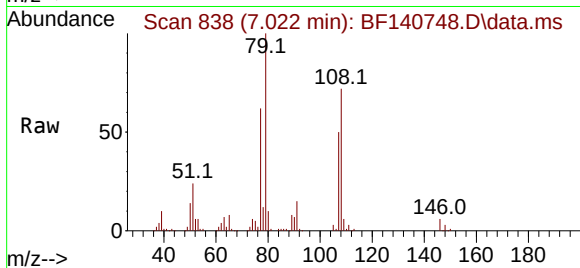




#15
Benzyl Alcohol
Concen: 52.352 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

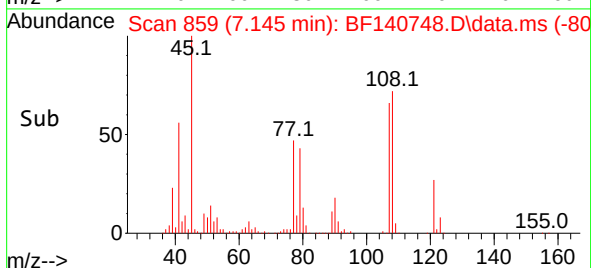
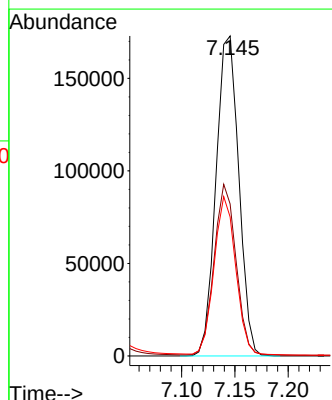
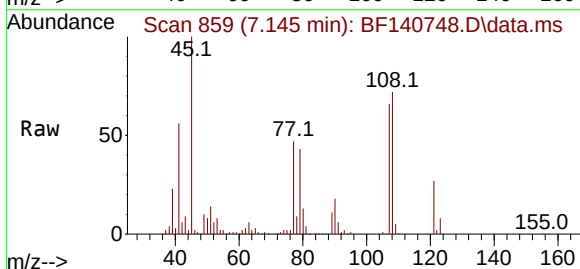
Instrument :
BNA_F
ClientSampleId :
PB165383BS

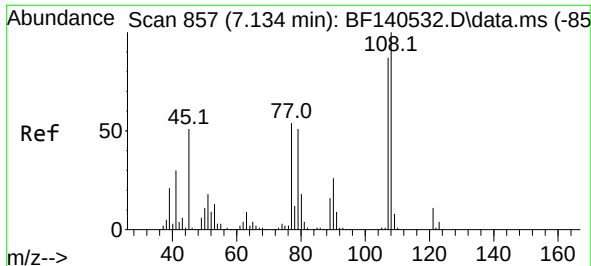
Tgt Ion: 79 Resp: 212251
Ion Ratio Lower Upper
79 100
108 71.9 55.0 82.6
77 61.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.836 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 45 Resp: 256587
Ion Ratio Lower Upper
45 100
77 47.5 10.7 50.7
79 43.5 7.0 47.0

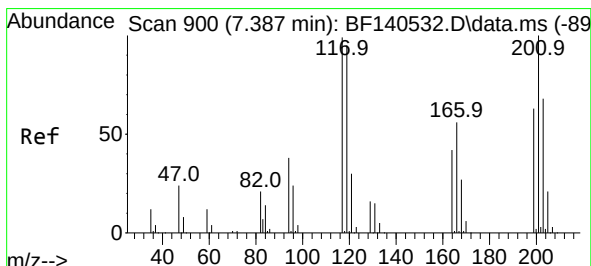
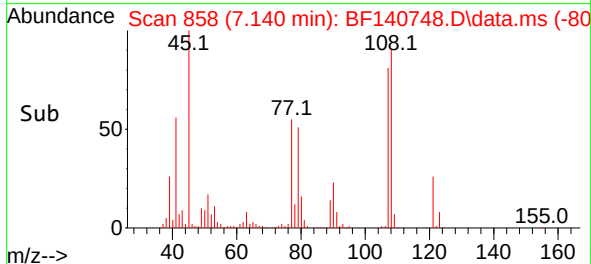
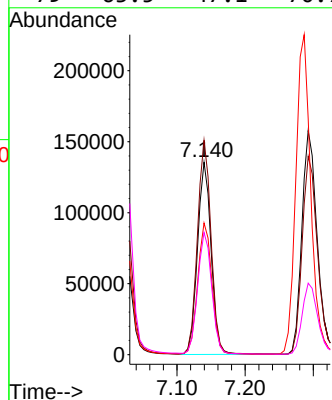
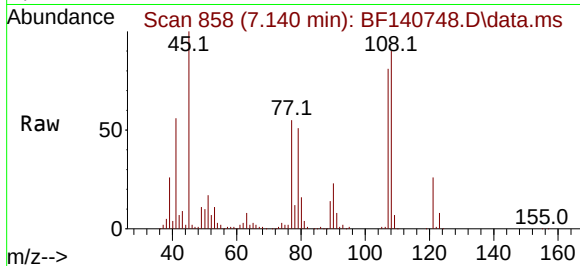




#17
2-Methylphenol
Concen: 52.561 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

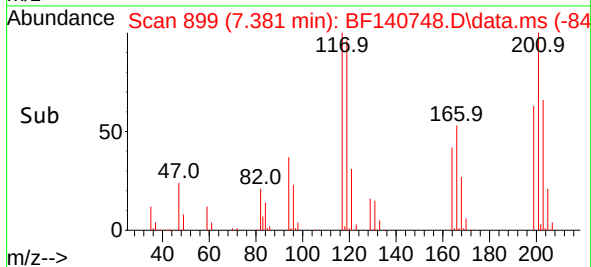
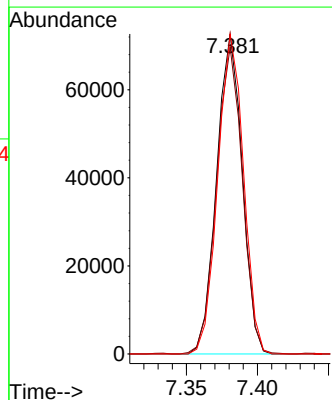
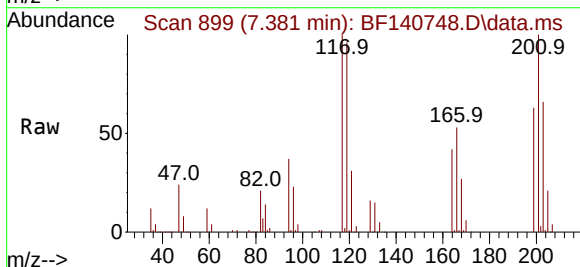
Instrument :
BNA_F
ClientSampleId :
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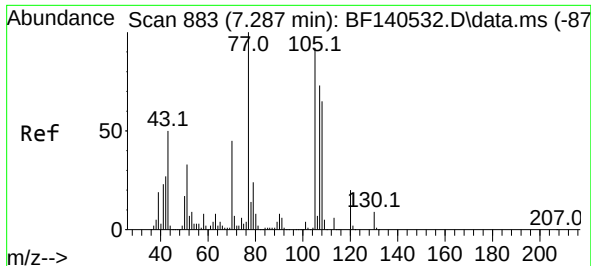
Tgt Ion:	107	Resp:	187187
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	68.4	49.3	73.9
79	63.5	47.1	70.7



#18
Hexachloroethane
Concen: 48.193 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:	117	Resp:	91109
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7
201	100.1	81.1	121.7

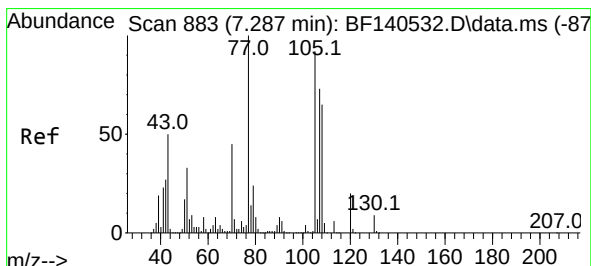
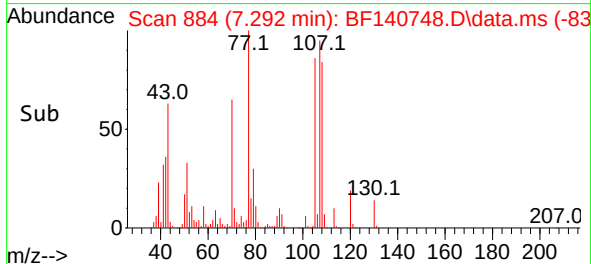
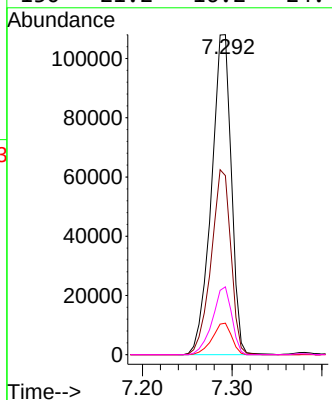
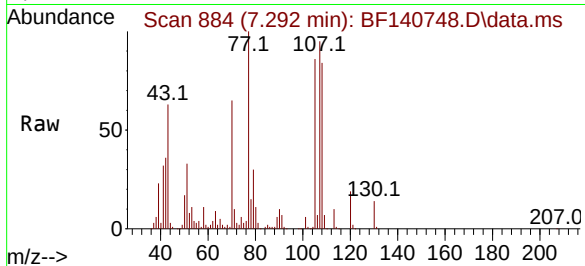




#19
n-Nitroso-di-n-propylamine
Concen: 51.521 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

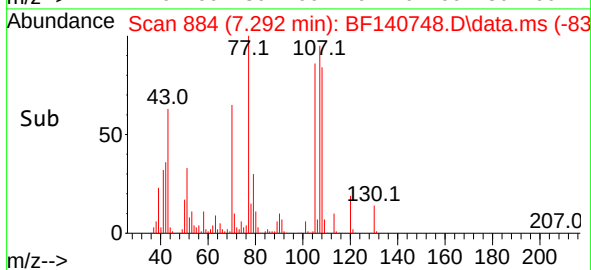
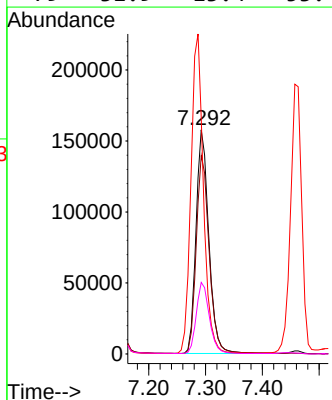
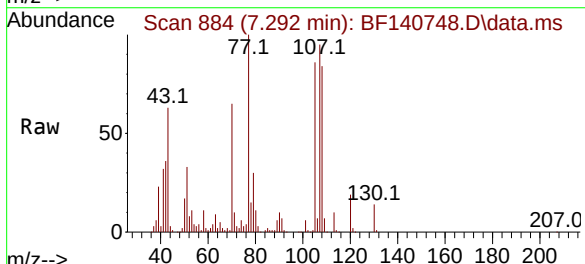
Instrument :
BNA_F
ClientSampleId :
PB165383BS

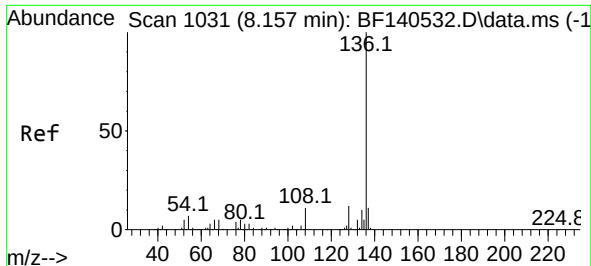
Tgt Ion:	70	Resp:	166463
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.6	71.4
101	9.8	7.6	11.4
130	21.2	16.2	24.4



#20
3+4-Methylphenols
Concen: 54.045 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:	107	Resp:	247396
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	105.1	117.7	157.7#
79	31.9	13.4	53.4

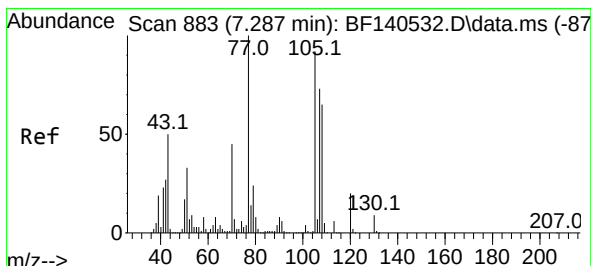
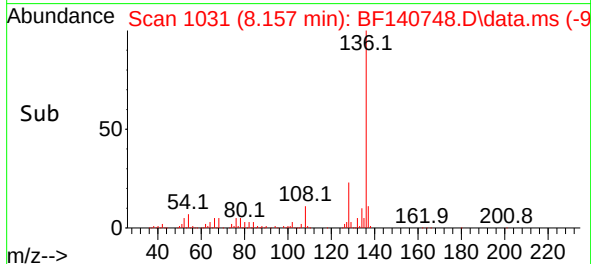
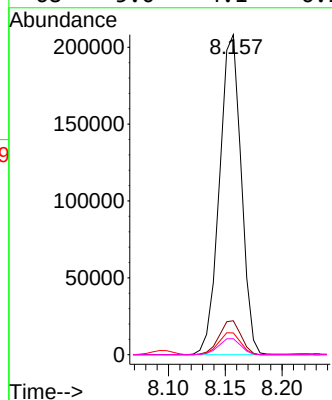
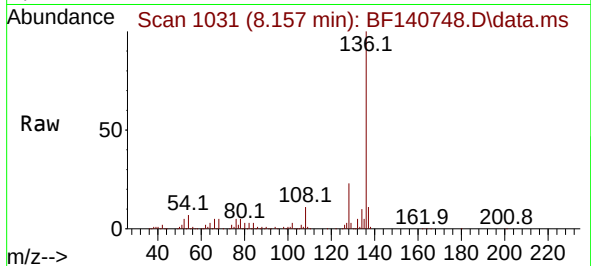




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

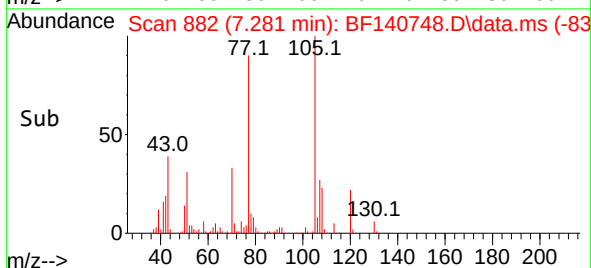
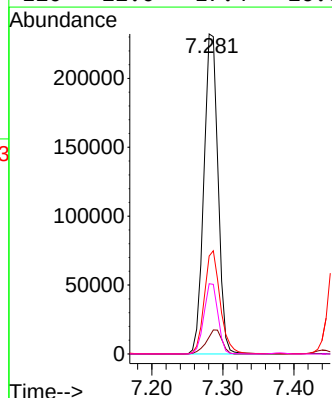
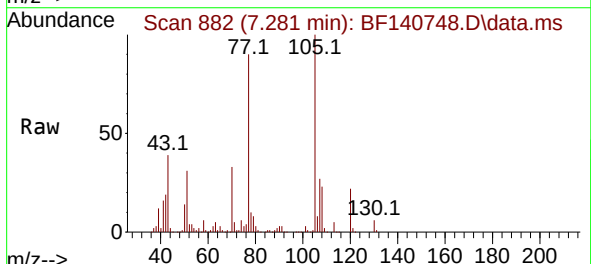
Instrument :
BNA_F
ClientSampleId :
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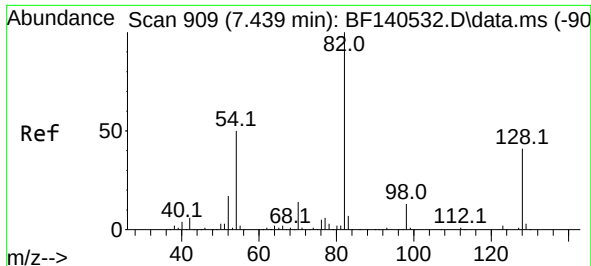
Tgt Ion:	136	Resp:	276888
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 47.926 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:	105	Resp:	323522
Ion	Ratio	Lower	Upper
105	100		
71	5.3	6.2	9.2#
51	30.6	29.0	43.6
120	22.0	17.4	26.0

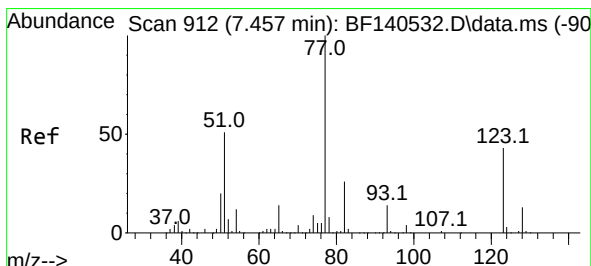
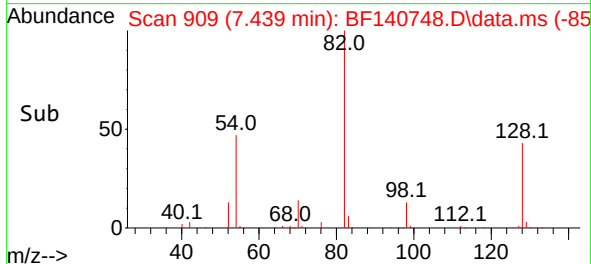
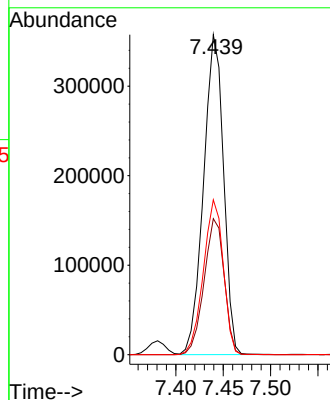
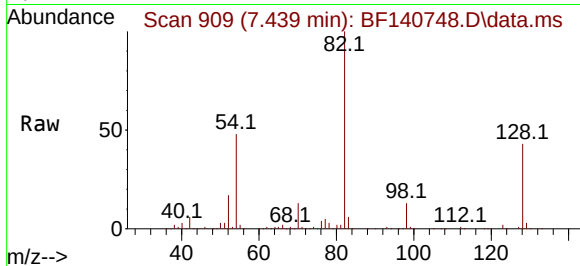




#23
 Nitrobenzene-d5
 Concen: 96.648 ng
 RT: 7.439 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

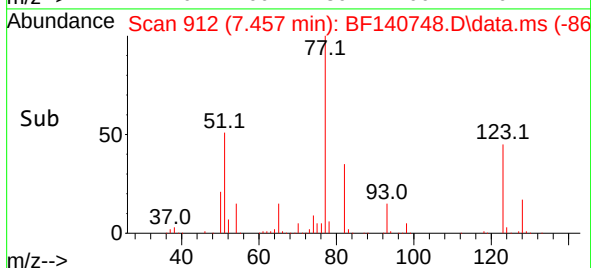
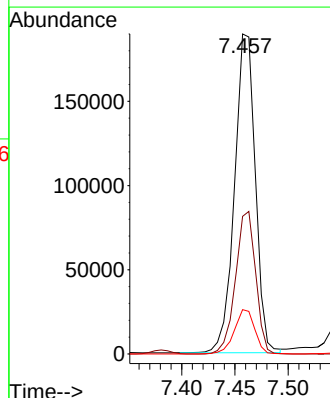
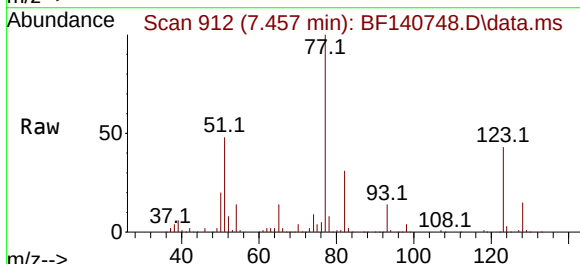
Instrument :
 BNA_F
 ClientSampleId :
 PB165383BS

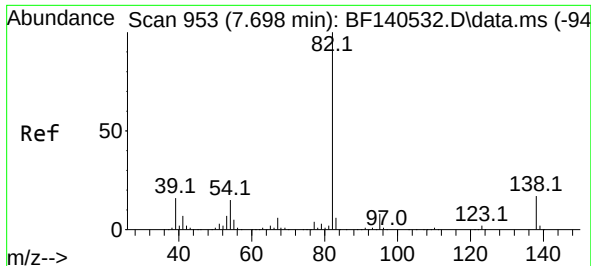
Tgt Ion: 82 Resp: 523175
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.0 49.4
 54 48.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 46.090 ng
 RT: 7.457 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

Tgt Ion: 77 Resp: 257859
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.3 51.5
 65 13.9 11.2 16.8

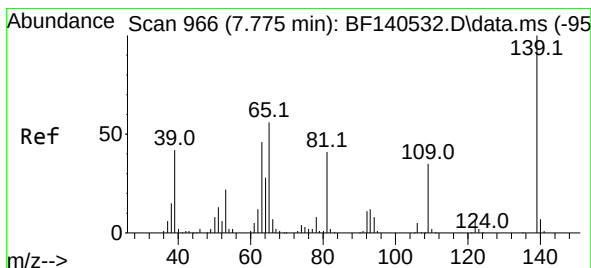
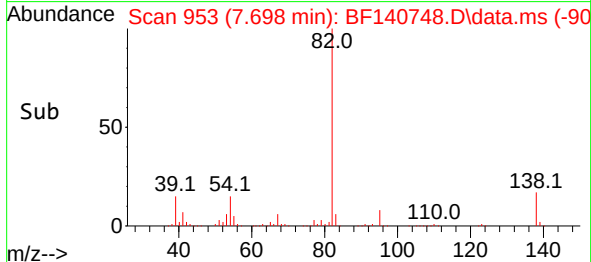
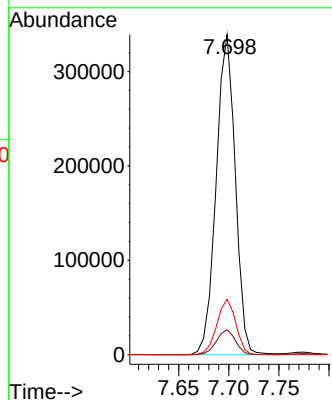
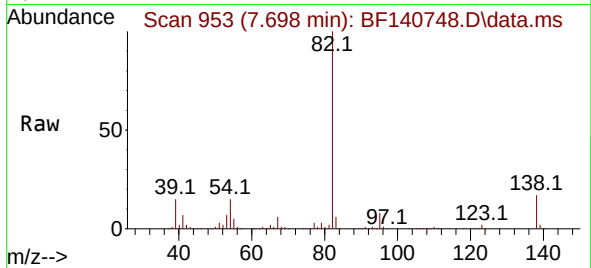




#25
Isophorone
Concen: 49.824 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

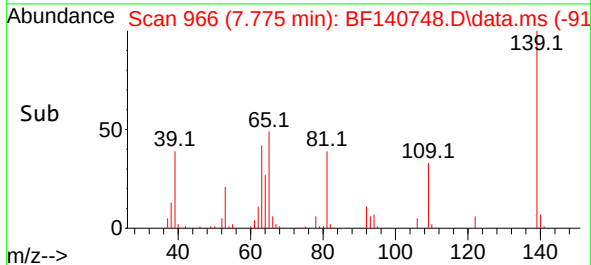
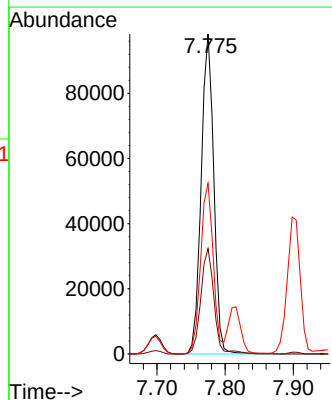
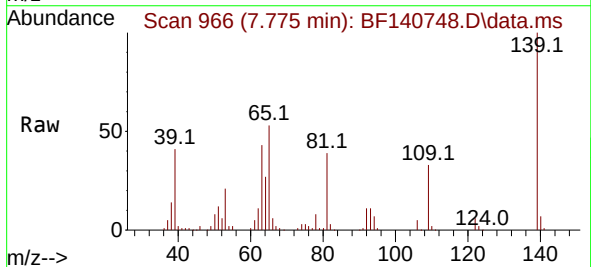
Instrument :
BNA_F
ClientSampleId :
PB165383BS

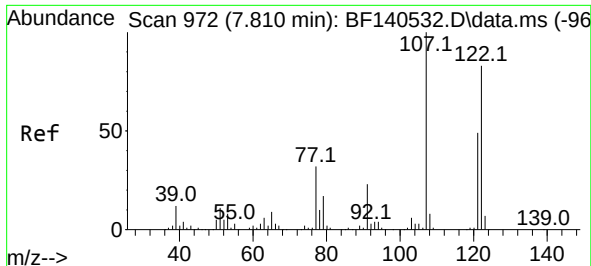
Tgt Ion: 82 Resp: 449849
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 50.886 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:139 Resp: 126163
Ion Ratio Lower Upper
139 100
109 32.9 28.0 42.0
65 53.3 44.6 67.0

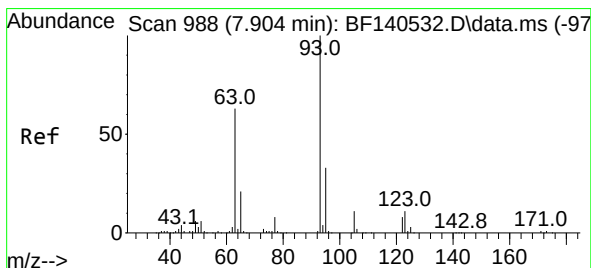
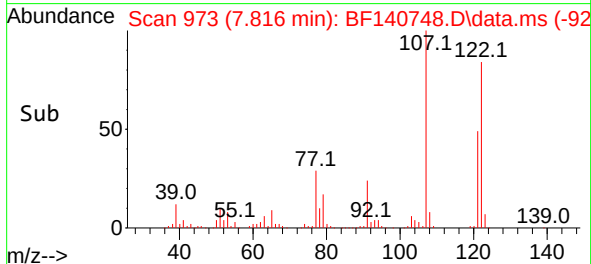
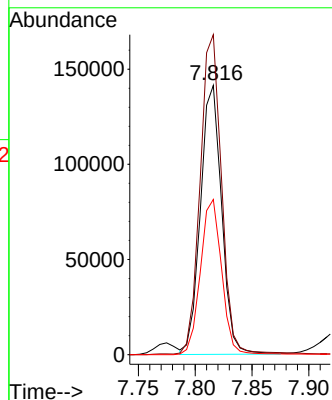
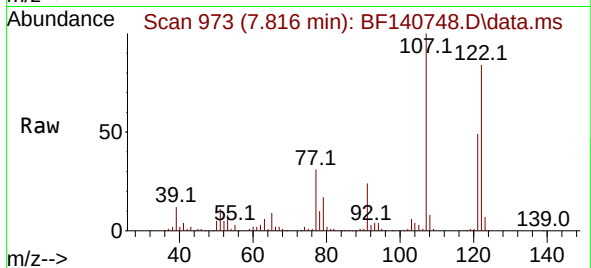




#27
2,4-Dimethylphenol
Concen: 61.766 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

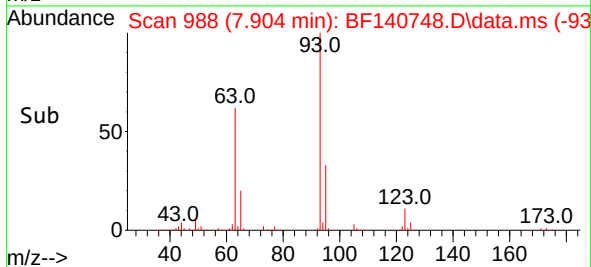
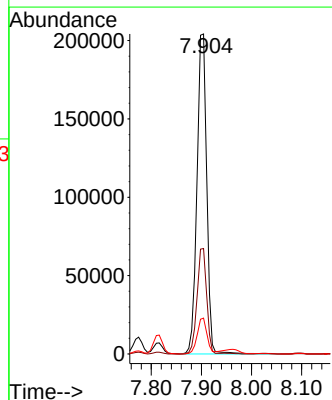
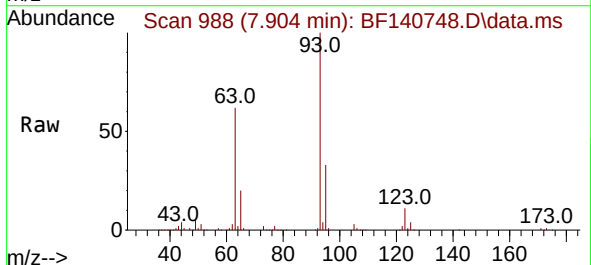
Instrument :
BNA_F
ClientSampleId :
PB165383BS

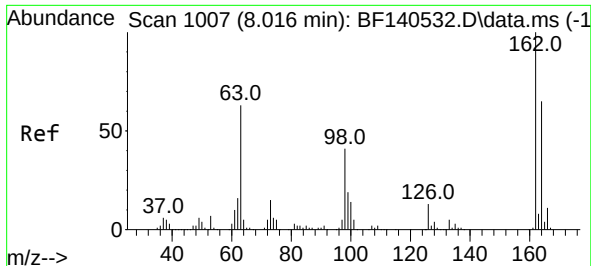
Tgt Ion:122 Resp: 183228
Ion Ratio Lower Upper
122 100
107 118.8 96.8 145.2
121 57.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.118 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 93 Resp: 275670
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.048 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

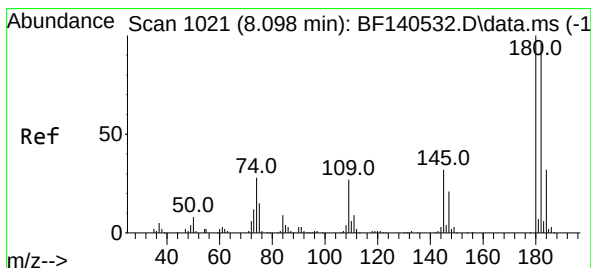
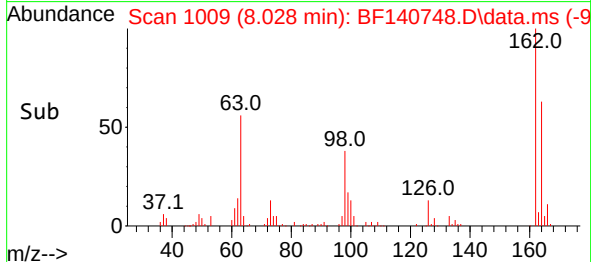
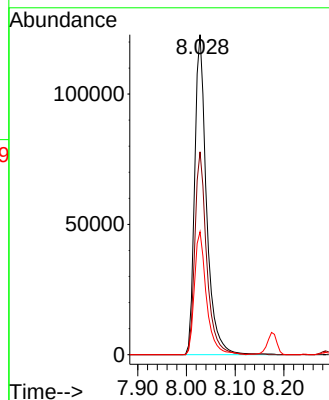
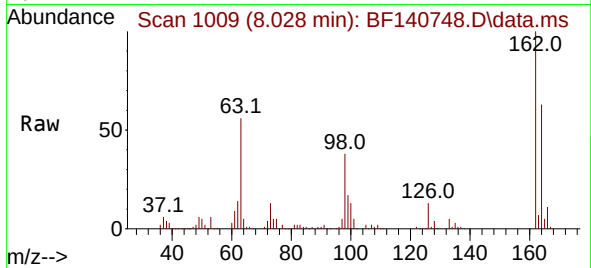
Tgt Ion:162 Resp: 208521

Ion Ratio Lower Upper

162 100

164 63.4 44.8 84.8

98 38.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.202 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

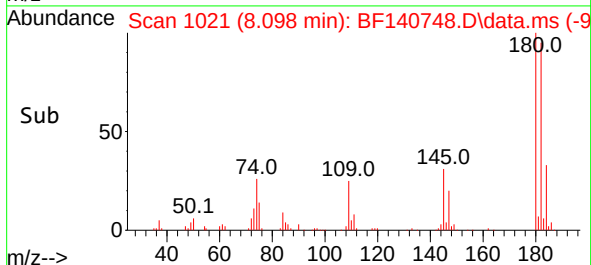
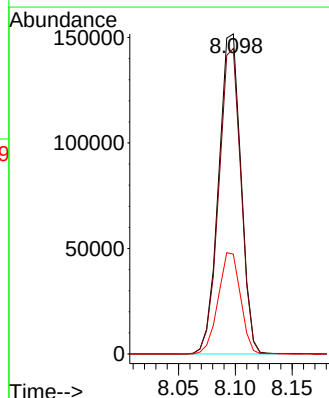
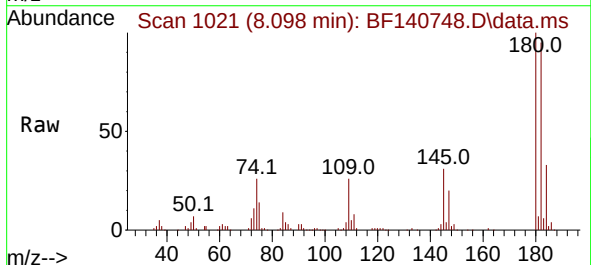
Tgt Ion:180 Resp: 207358

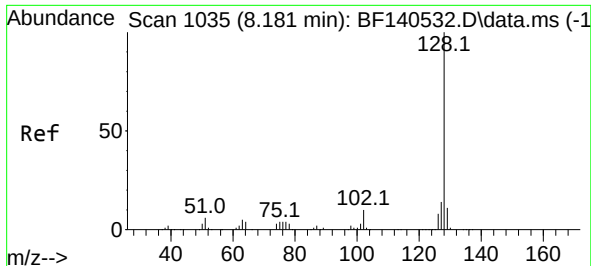
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

145 31.2 25.9 38.9

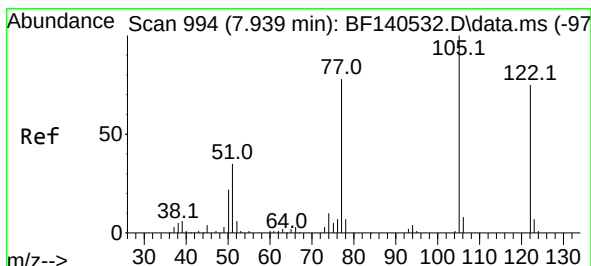
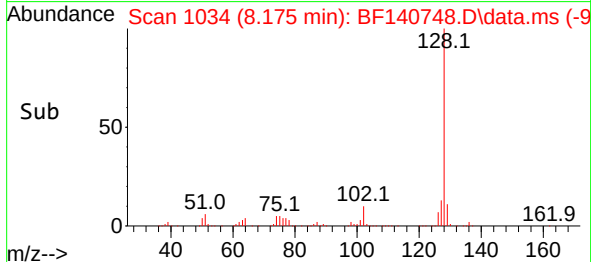
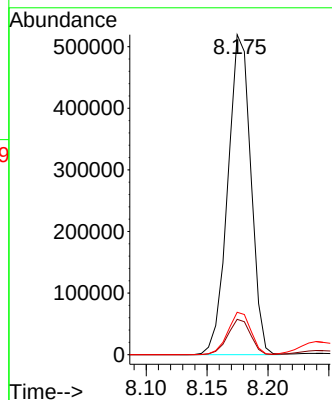
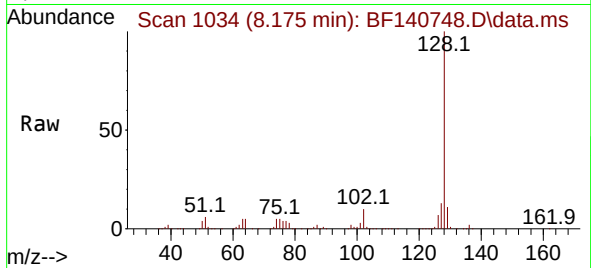




#31
Naphthalene
Concen: 47.970 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

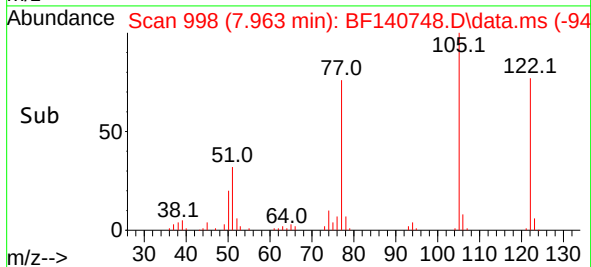
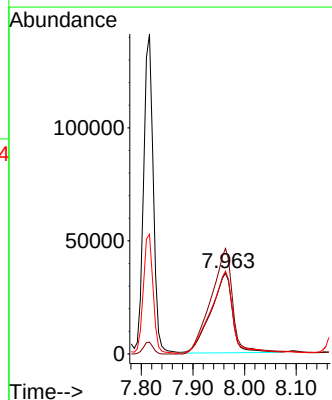
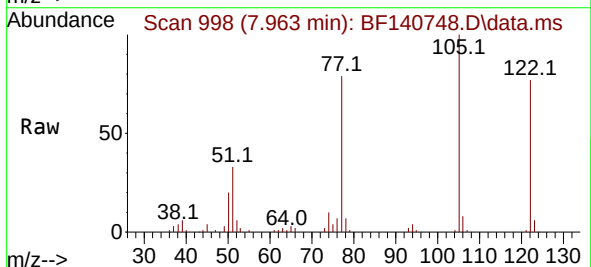
Instrument :
BNA_F
ClientSampleId :
PB165383BS

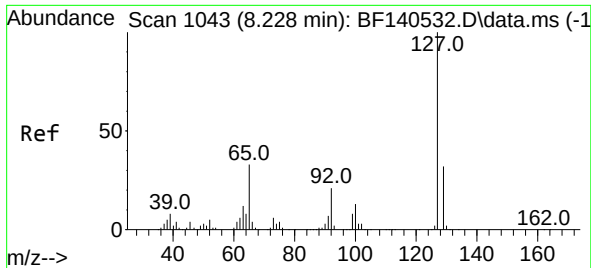
Tgt Ion:128 Resp: 684161
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 40.966 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:122 Resp: 102554
Ion Ratio Lower Upper
122 100
105 130.6 109.3 149.3
77 102.5 82.3 122.3

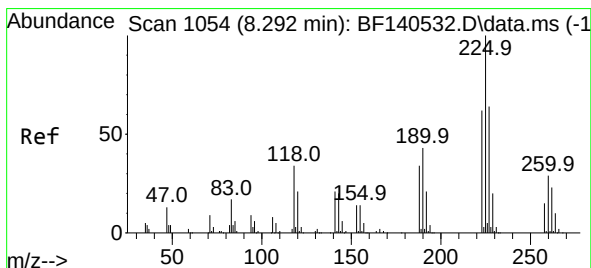
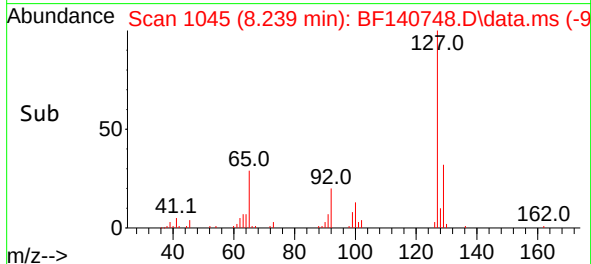
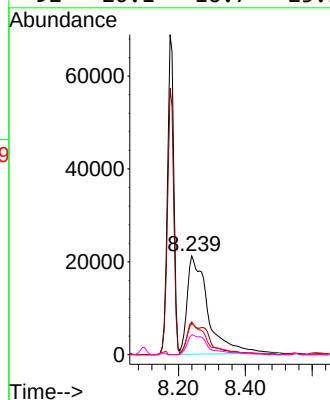
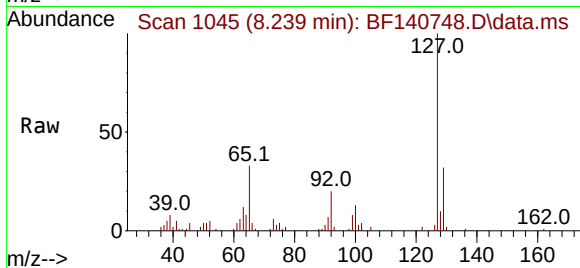




#33
4-Chloroaniline
Concen: 21.571 ng
RT: 8.239 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

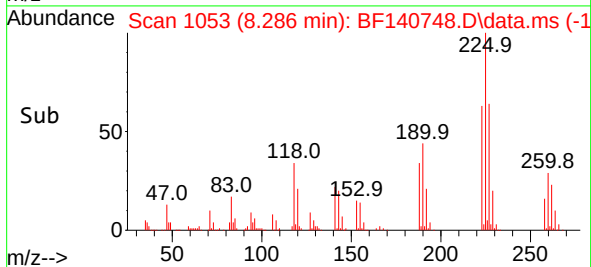
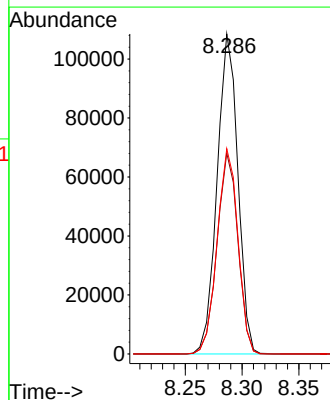
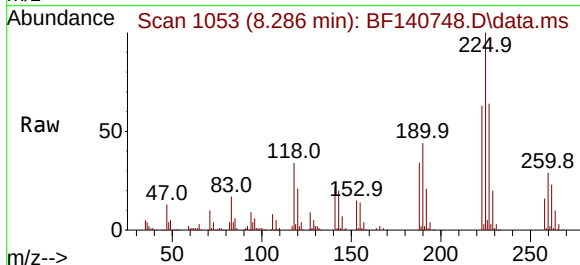
Instrument :
BNA_F
ClientSampleId :
PB165383BS

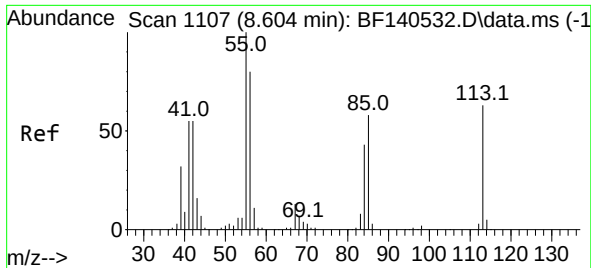
Tgt Ion:127	Resp:	92111
Ion	Ratio	Lower Upper
127	100	
129	31.6	26.0 39.0
65	33.2	26.0 39.0
92	20.1	16.7 25.1



#34
Hexachlorobutadiene
Concen: 46.362 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:225	Resp:	137822
Ion	Ratio	Lower Upper
225	100	
223	62.7	49.8 74.8
227	64.2	51.3 76.9





#35

Caprolactam

Concen: 29.933 ng

RT: 8.610 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

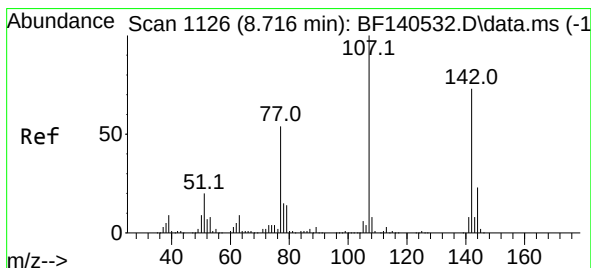
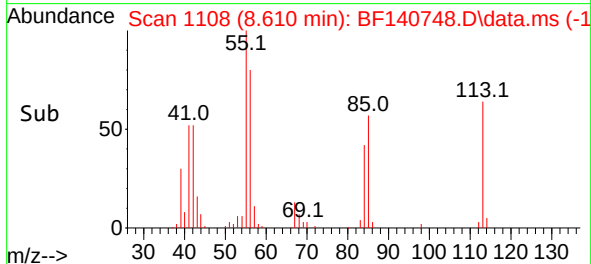
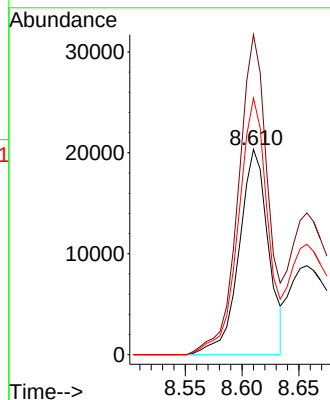
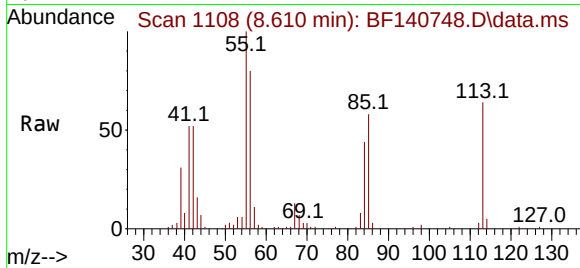
Tgt Ion:113 Resp: 36412

Ion Ratio Lower Upper

113 100

55 155.9 137.7 177.7

56 125.0 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 52.127 ng

RT: 8.728 min Scan# 1128

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

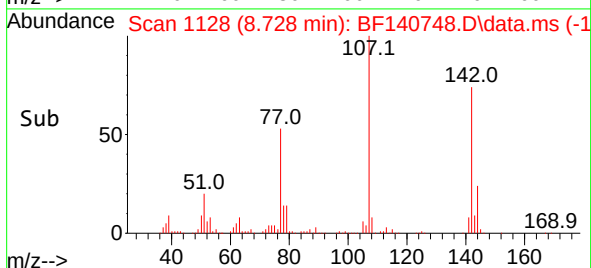
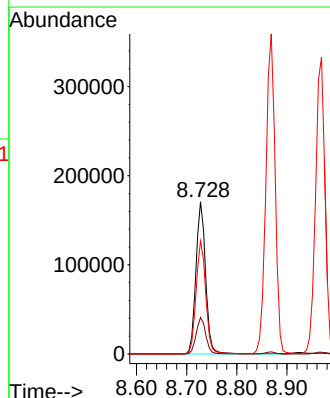
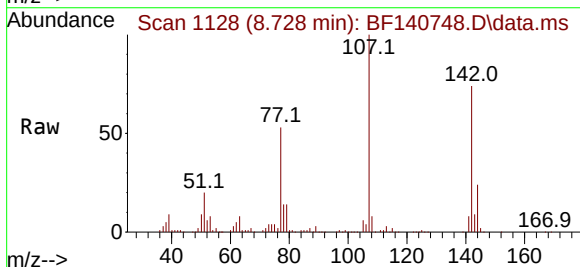
Tgt Ion:107 Resp: 229415

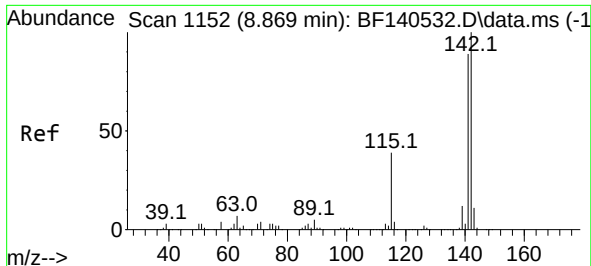
Ion Ratio Lower Upper

107 100

144 23.9 18.7 28.1

142 74.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.934 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

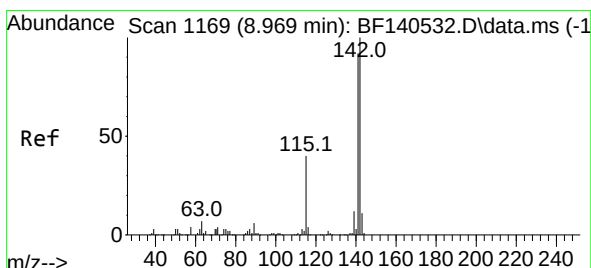
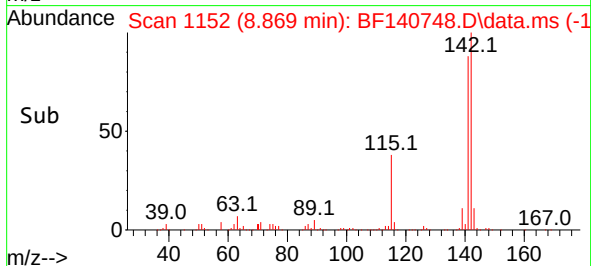
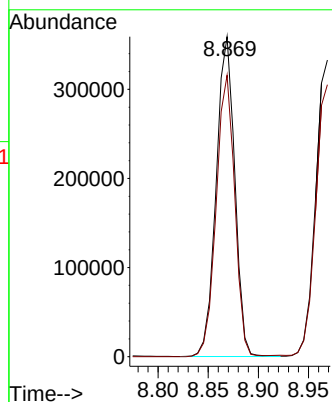
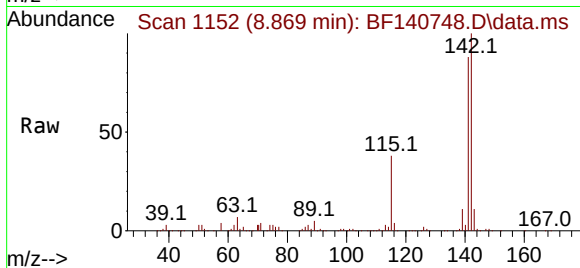
PB165383BS

Tgt Ion:142 Resp: 461395

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 48.550 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140748.D

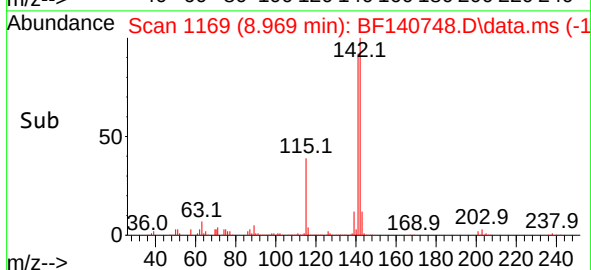
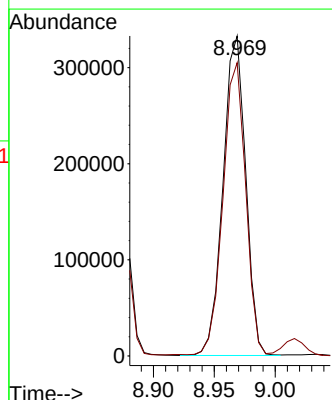
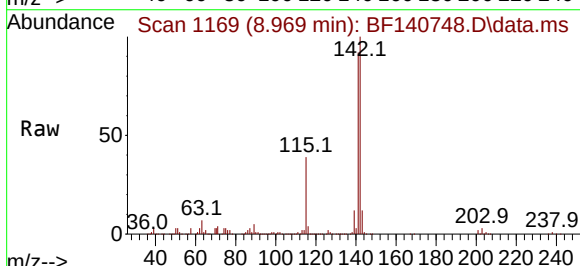
Acq: 05 Dec 2024 15:02

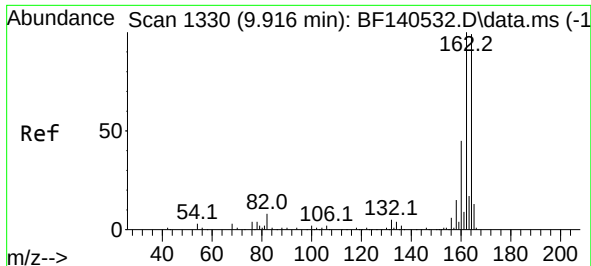
Tgt Ion:142 Resp: 431097

Ion Ratio Lower Upper

142 100

141 91.7 73.3 109.9

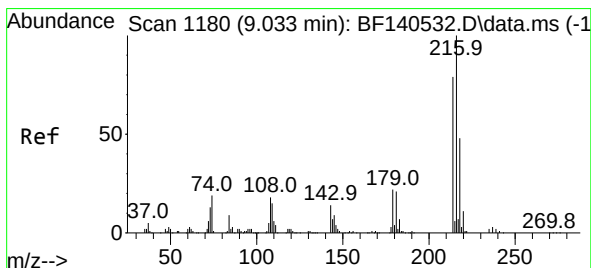
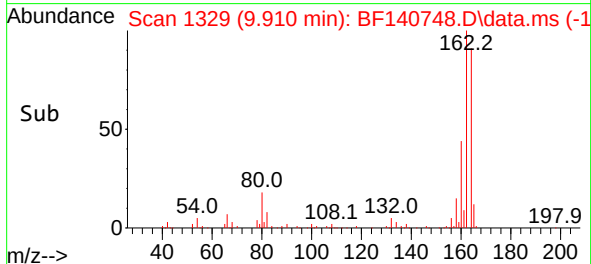
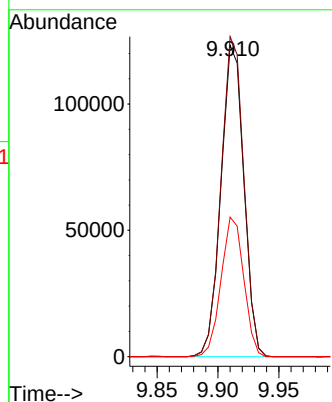
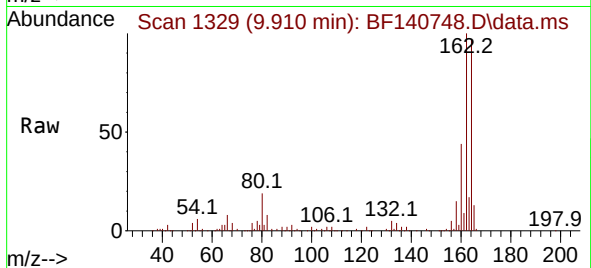




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

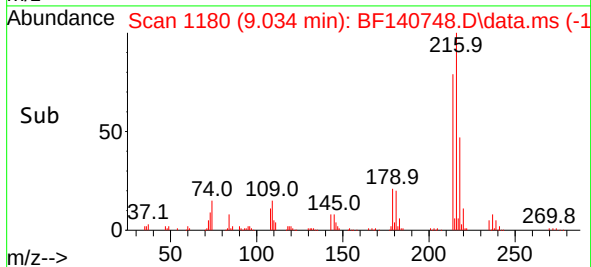
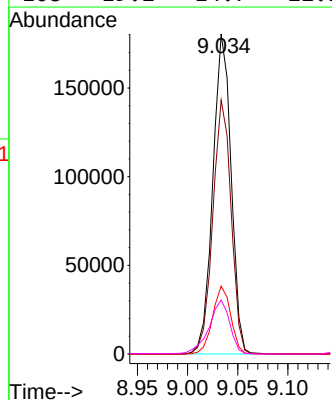
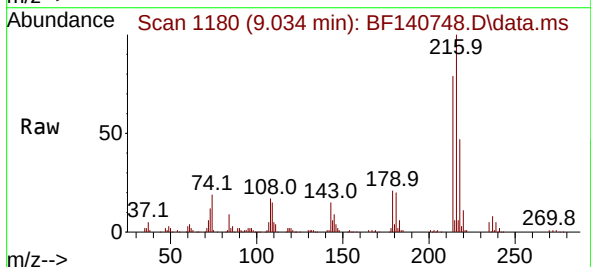
Instrument :
BNA_F
ClientSampleId :
PB165383BS

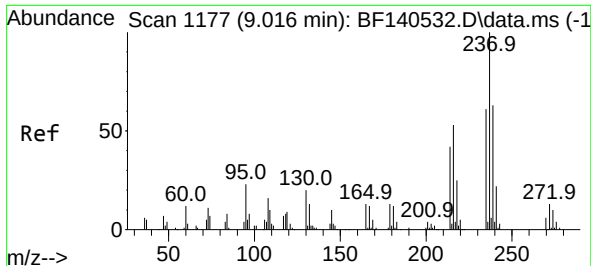
Tgt Ion:164 Resp: 161032
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 44.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.529 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:216 Resp: 228778
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.4
179 21.0 17.5 26.3
108 19.2 14.7 22.1

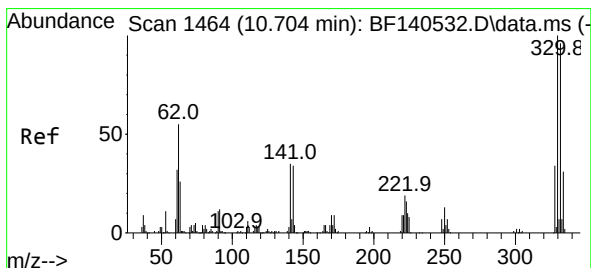
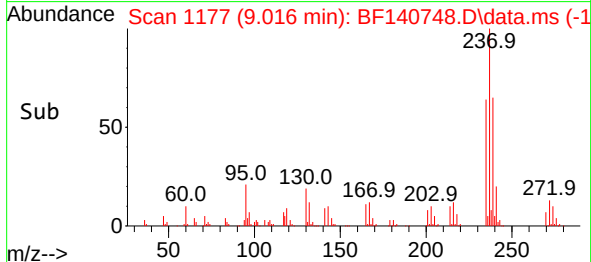
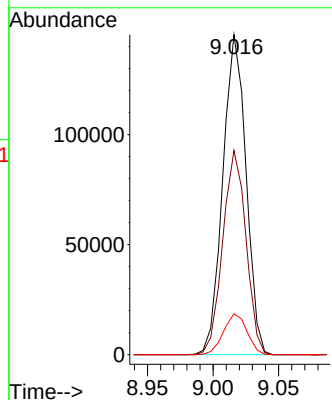
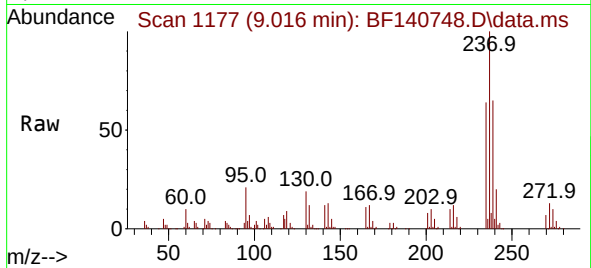




#41
Hexachlorocyclopentadiene
Concen: 160.805 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

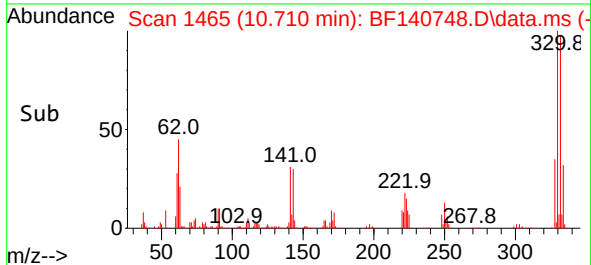
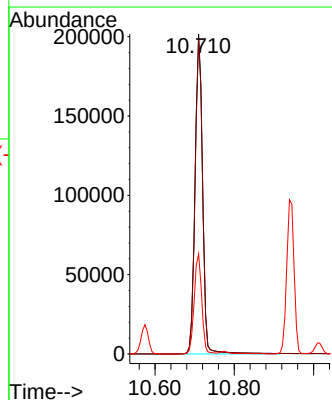
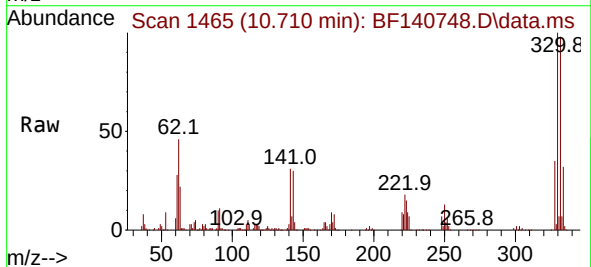
Instrument :
BNA_F
ClientSampleId :
PB165383BS

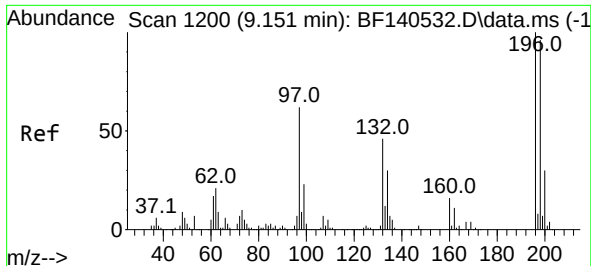
Tgt Ion:237 Resp: 178985
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 155.690 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:330 Resp: 268137
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.1 26.7 40.1

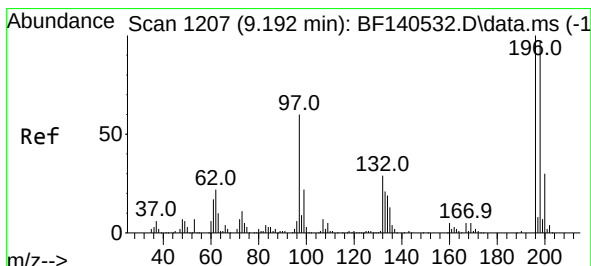
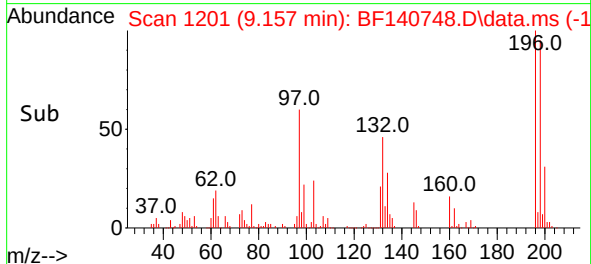
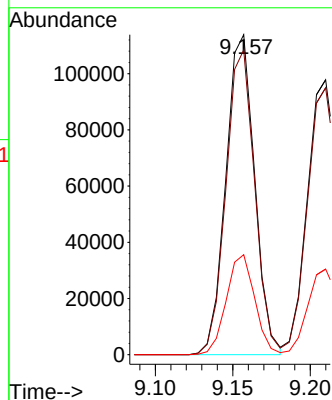
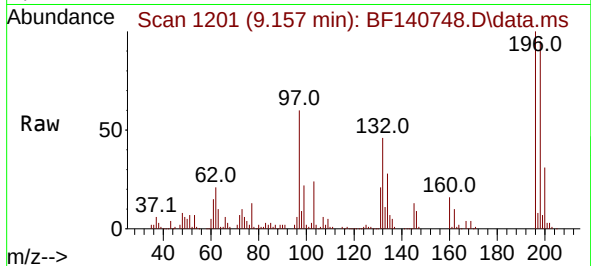




#43
2,4,6-Trichlorophenol
Concen: 49.817 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

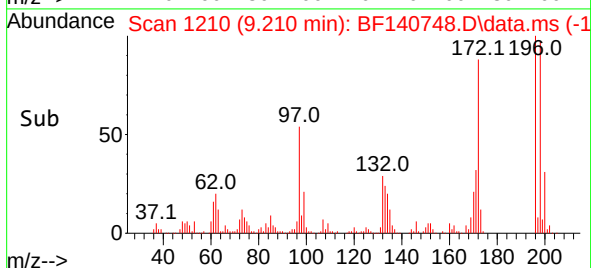
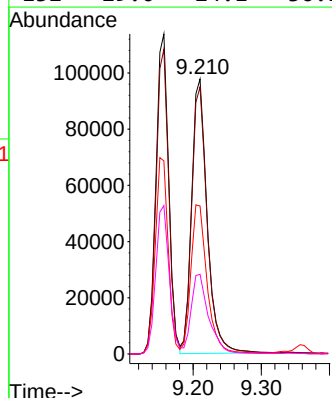
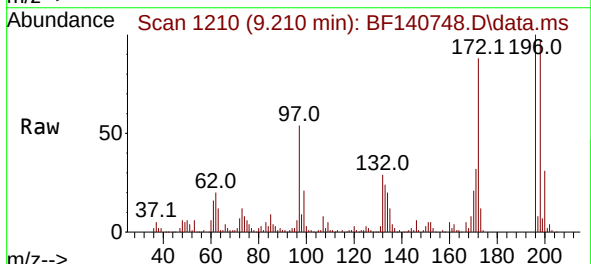
Instrument :
BNA_F
ClientSampleId :
PB165383BS

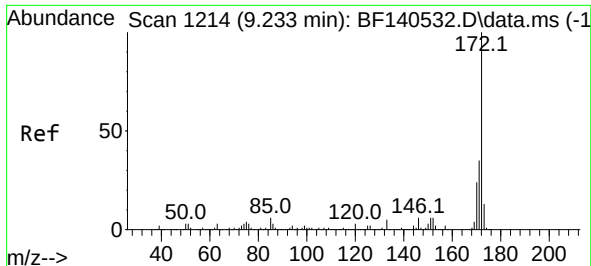
Tgt Ion:196 Resp: 147364
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 31.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.071 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:196 Resp: 154329
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
97 53.9 47.1 70.7
132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 99.945 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

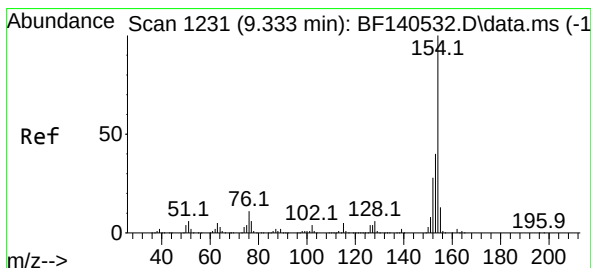
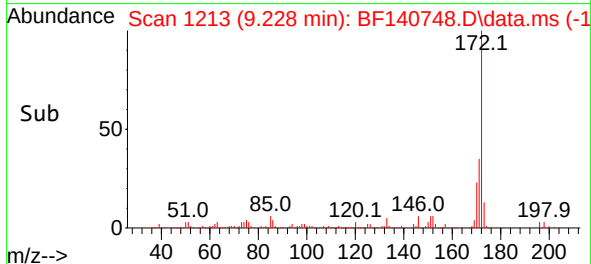
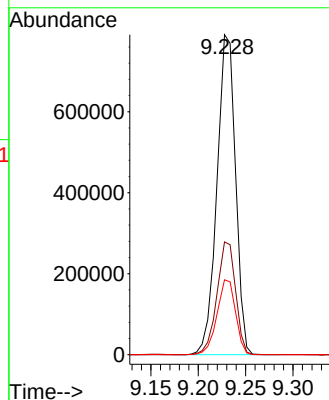
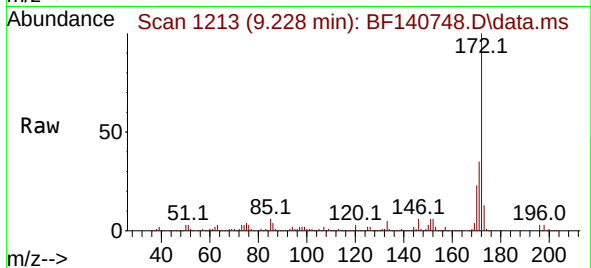
Tgt Ion:172 Resp: 1080199

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.224 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

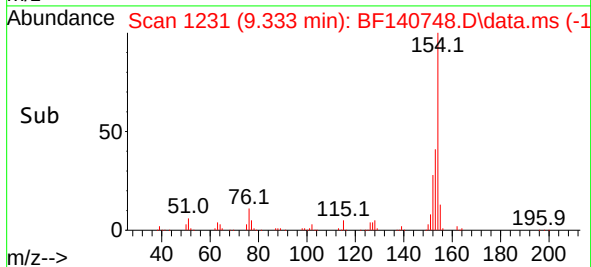
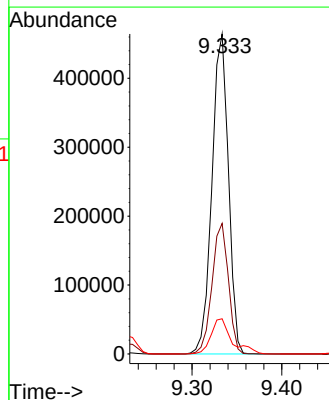
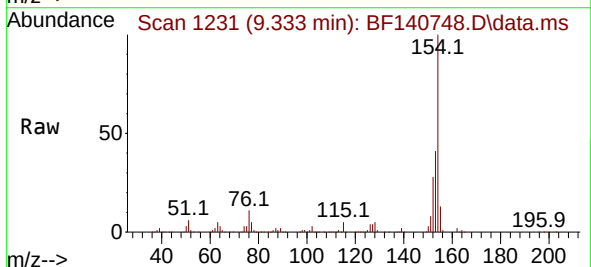
Tgt Ion:154 Resp: 591814

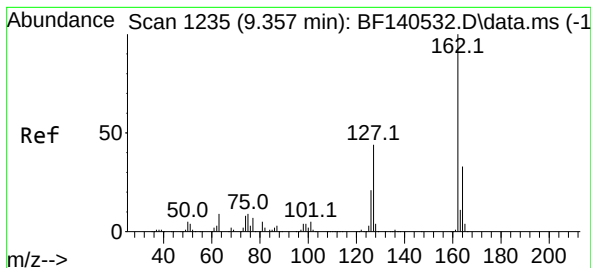
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.231 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

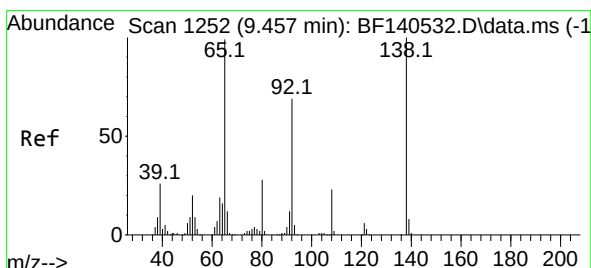
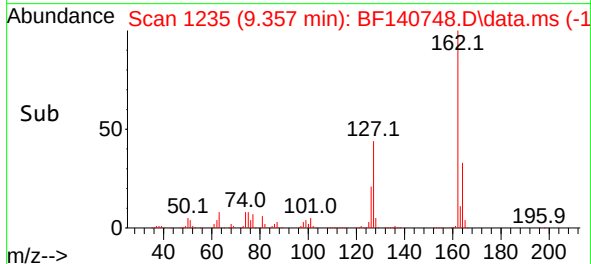
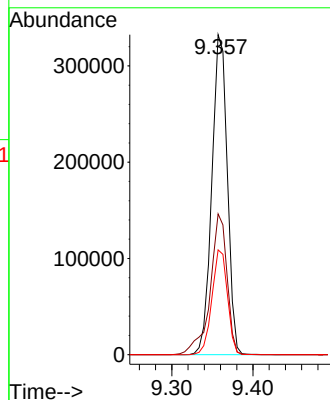
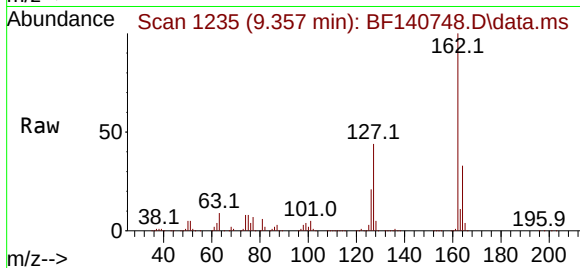
Tgt Ion:162 Resp: 439384

Ion Ratio Lower Upper

162 100

127 44.0 35.7 53.5

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 47.905 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

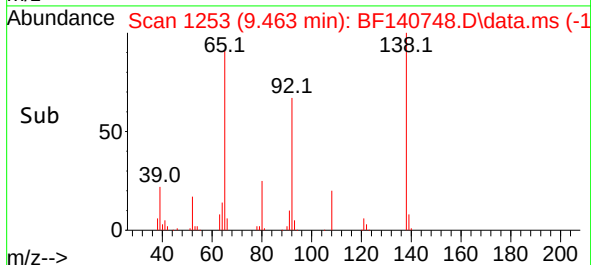
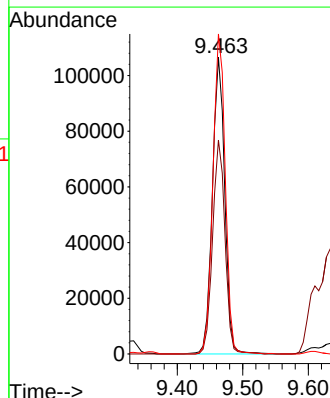
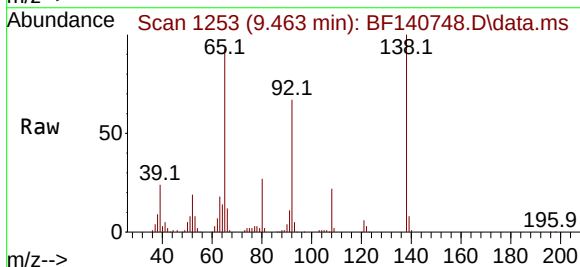
Tgt Ion: 65 Resp: 140080

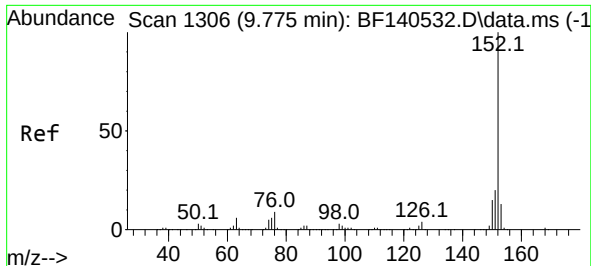
Ion Ratio Lower Upper

65 100

92 72.2 56.1 84.1

138 107.9 81.0 121.6





#49

Acenaphthylene

Concen: 52.326 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

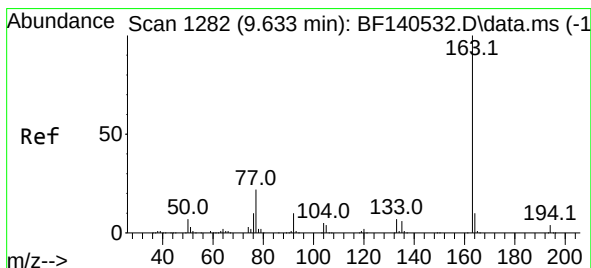
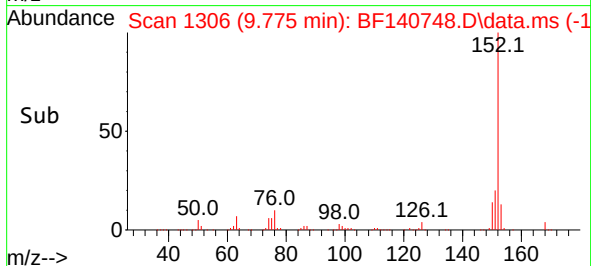
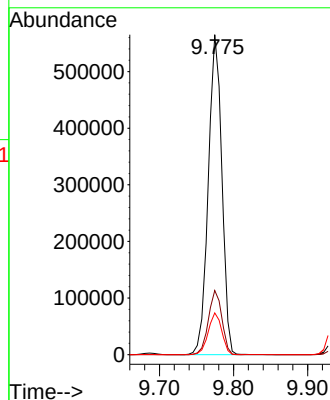
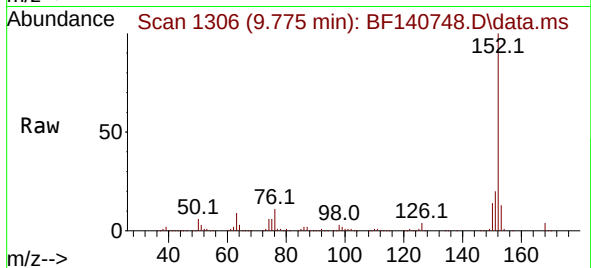
Tgt Ion:152 Resp: 720242

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 51.484 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

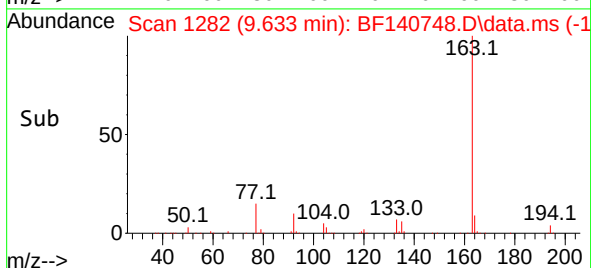
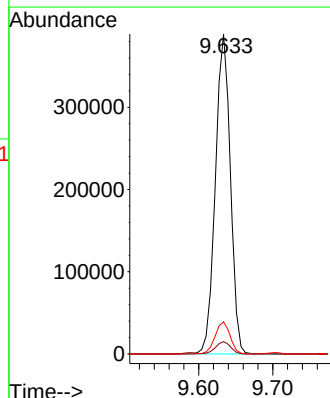
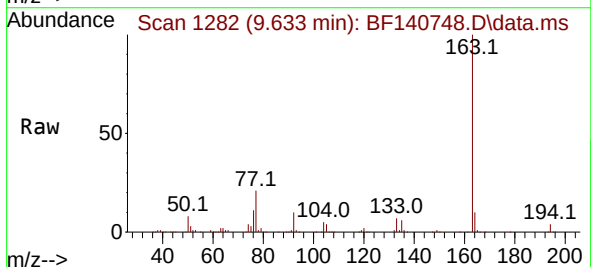
Tgt Ion:163 Resp: 546012

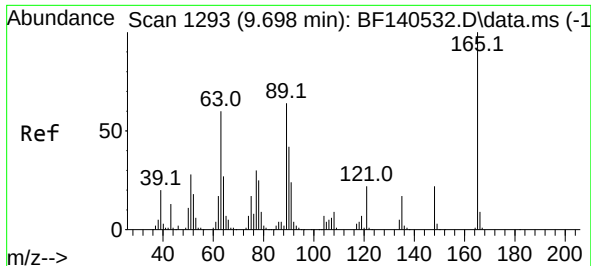
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2

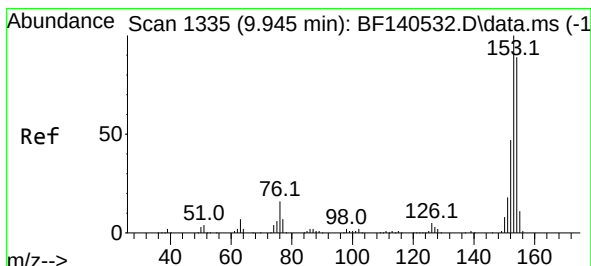
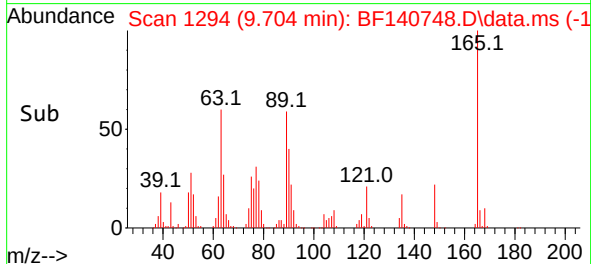
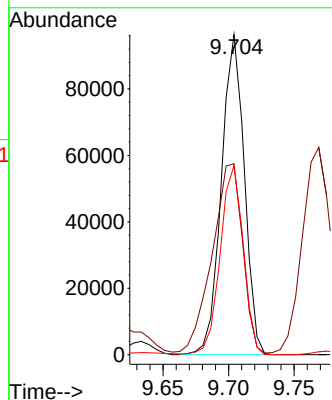
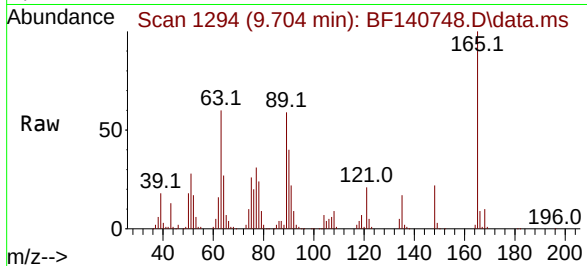




#51
2,6-Dinitrotoluene
Concen: 48.586 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

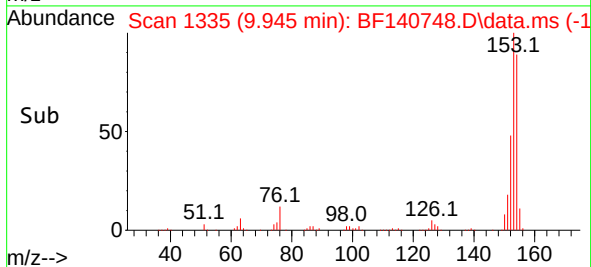
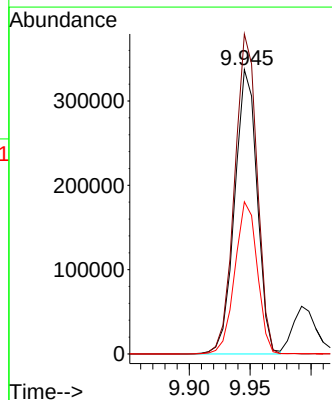
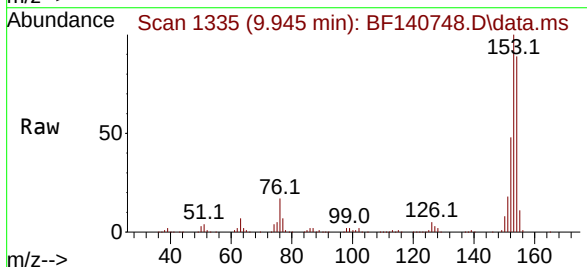
Instrument :
BNA_F
ClientSampleId :
PB165383BS

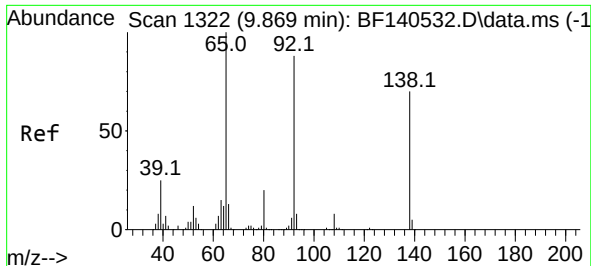
Tgt Ion:165 Resp: 116862
Ion Ratio Lower Upper
165 100
63 59.7 49.9 74.9
89 59.0 50.9 76.3



#52
Acenaphthene
Concen: 49.570 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:154 Resp: 433534
Ion Ratio Lower Upper
154 100
153 112.5 89.7 134.5
152 53.5 42.5 63.7

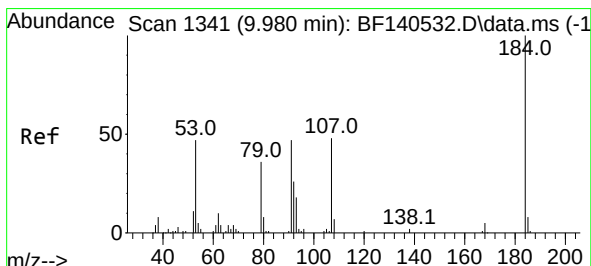
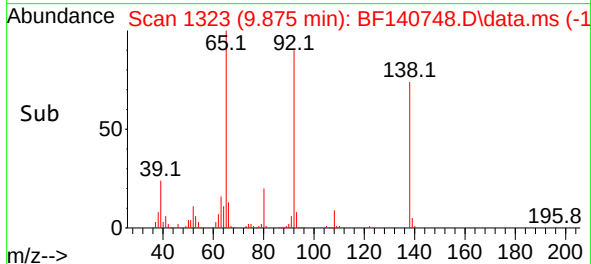
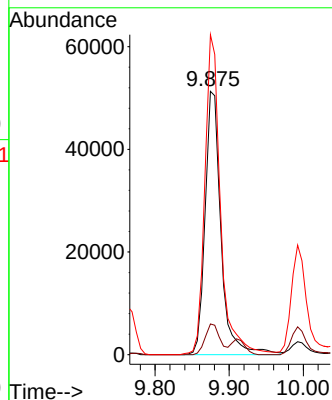
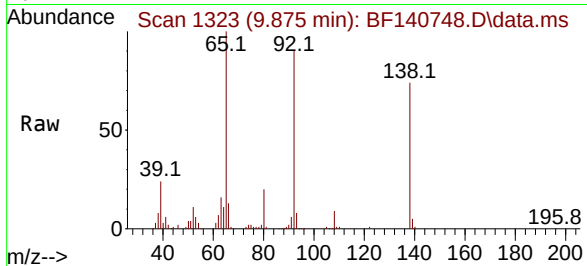




#53
3-Nitroaniline
Concen: 32.495 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

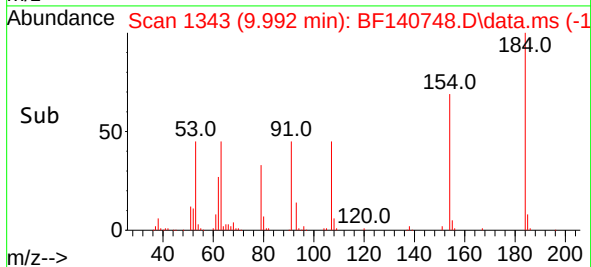
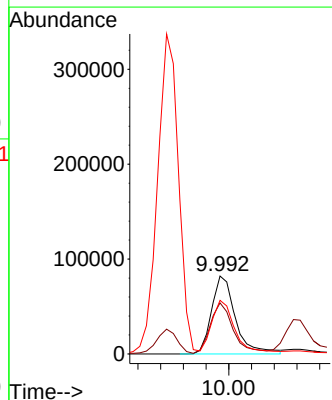
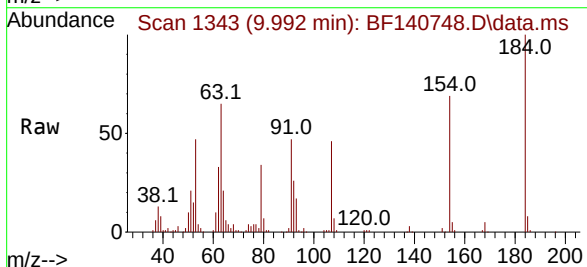
Instrument :
BNA_F
ClientSampleId :
PB165383BS

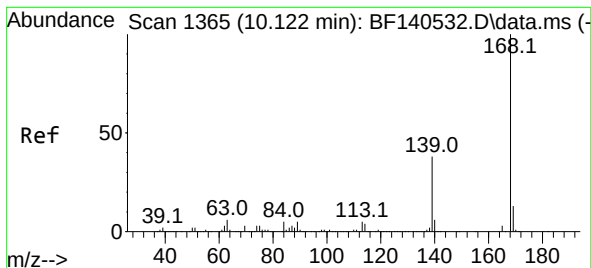
Tgt Ion:138 Resp: 76443
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 121.5 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 94.917 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:184 Resp: 120252
Ion Ratio Lower Upper
184 100
63 65.4 54.1 81.1
154 68.8 57.4 86.0





#55

Dibenzenofuran

Concen: 49.535 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

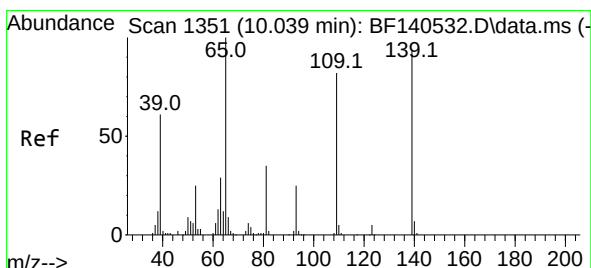
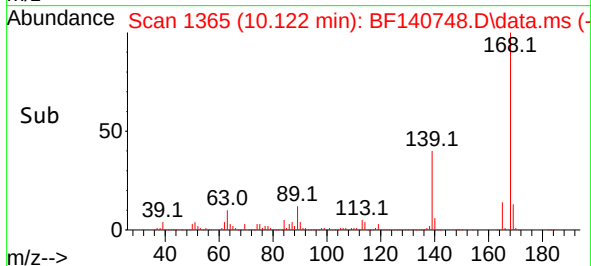
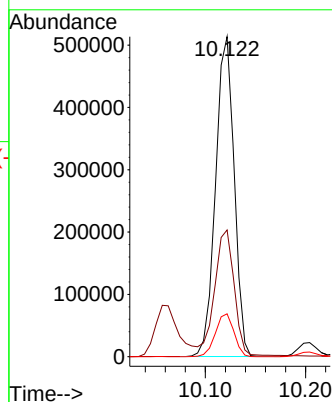
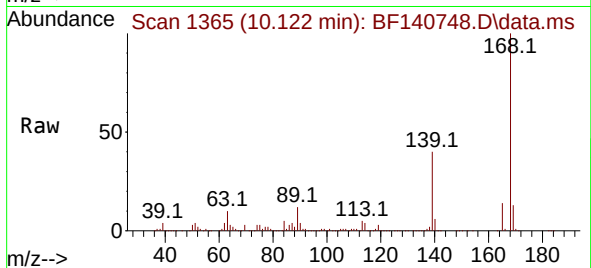
Tgt Ion:168 Resp: 660806

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 84.886 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

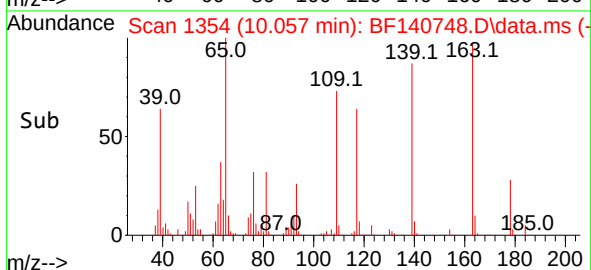
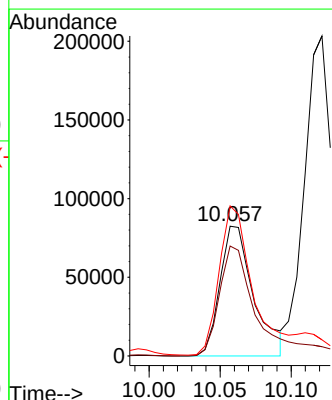
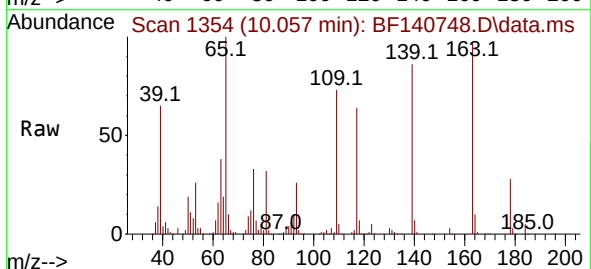
Tgt Ion:139 Resp: 136189

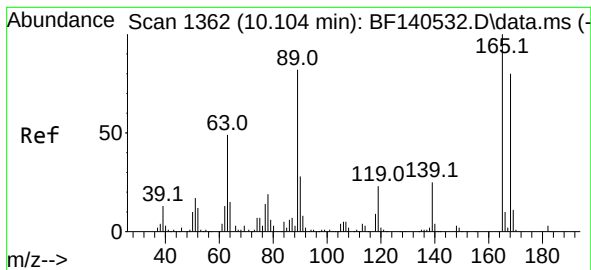
Ion Ratio Lower Upper

139 100

109 84.8 68.4 108.4

65 115.7 88.6 128.6

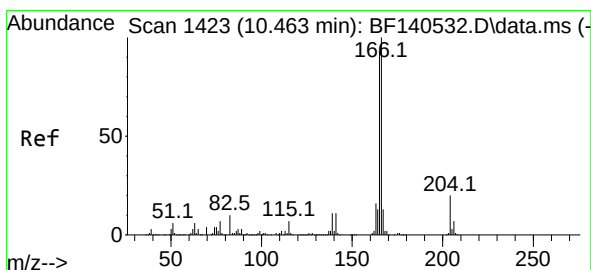
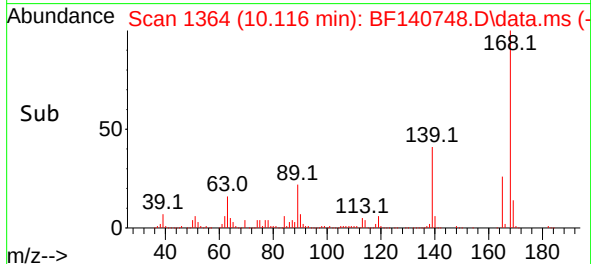
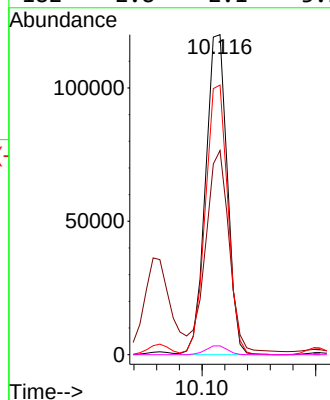
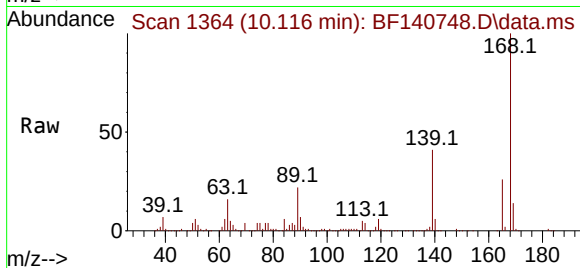




#57
2,4-Dinitrotoluene
Concen: 49.758 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

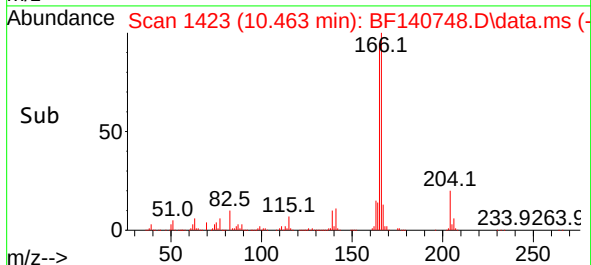
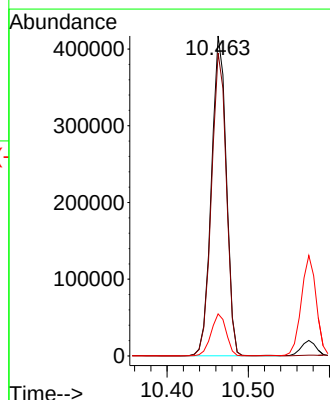
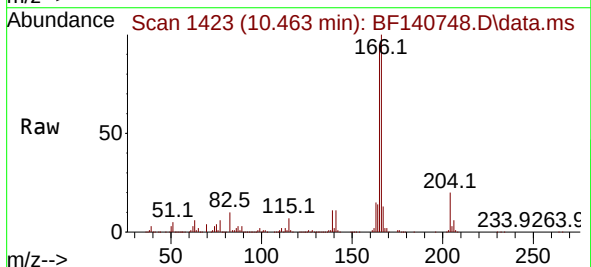
Instrument :
BNA_F
ClientSampleId :
PB165383BS

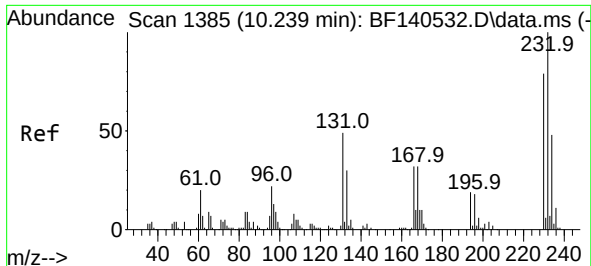
Tgt Ion:165 Resp: 159061
Ion Ratio Lower Upper
165 100
63 63.8 41.7 62.5#
89 84.3 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 49.570 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:166 Resp: 530789
Ion Ratio Lower Upper
166 100
165 94.7 74.6 111.8
167 13.2 10.6 16.0

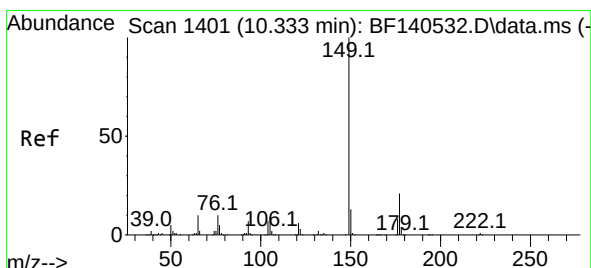
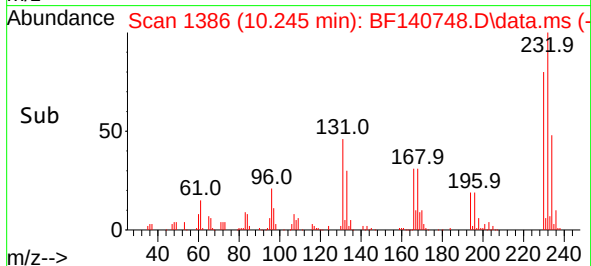
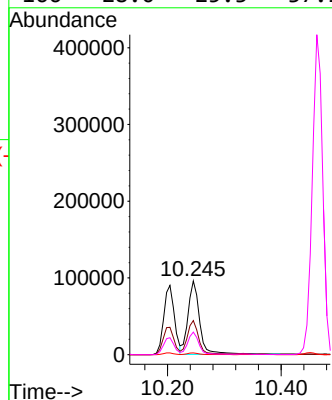
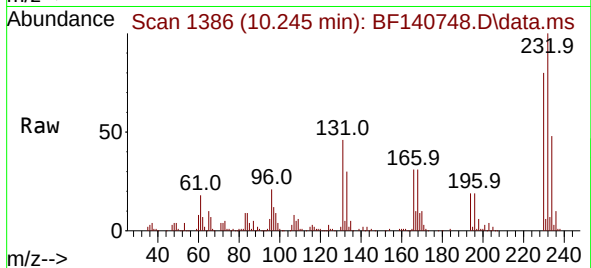




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.993 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

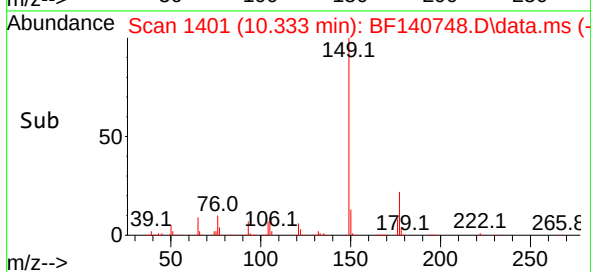
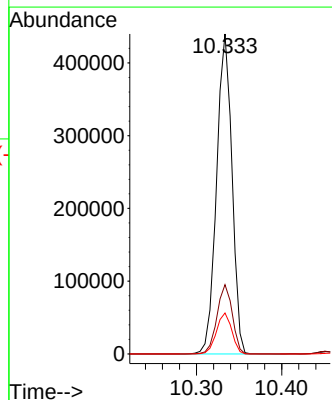
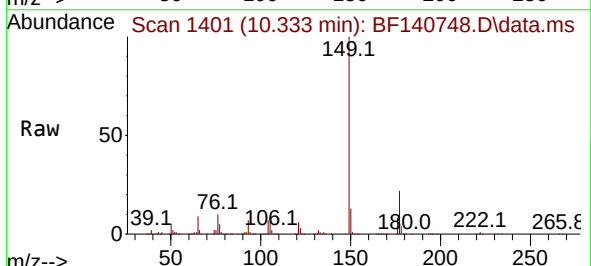
Instrument :
BNA_F
ClientSampleId :
PB165383BS

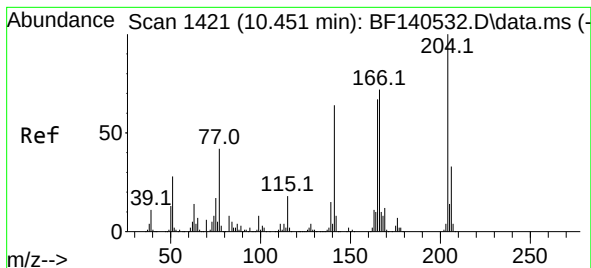
Tgt Ion:232 Resp: 135685
Ion Ratio Lower Upper
232 100
131 43.0 39.6 59.4
130 2.1 1.9 2.9
166 28.0 25.3 37.9



#60
Diethylphthalate
Concen: 51.229 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:149 Resp: 552011
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 10.1 15.1

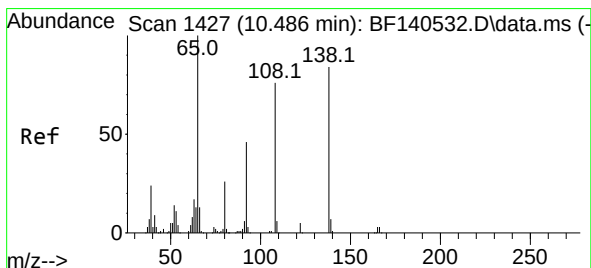
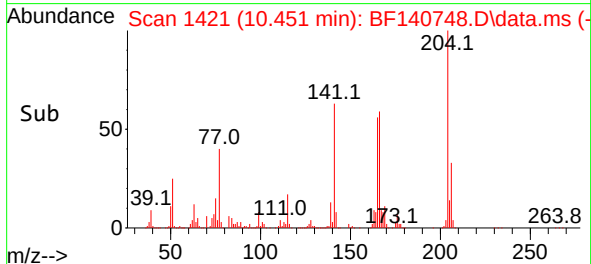
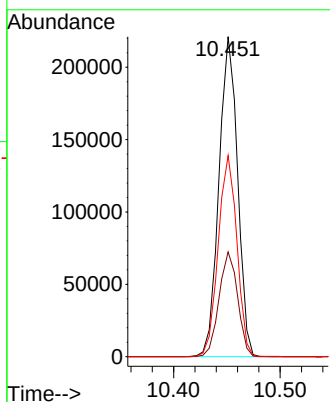
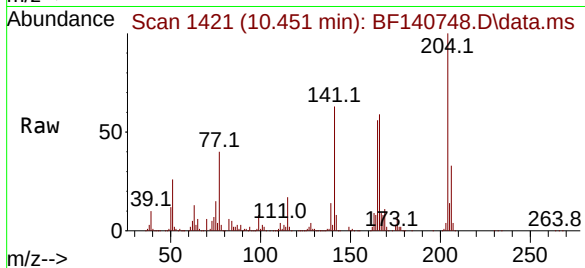




#61
4-Chlorophenyl-phenylether
Concen: 51.038 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

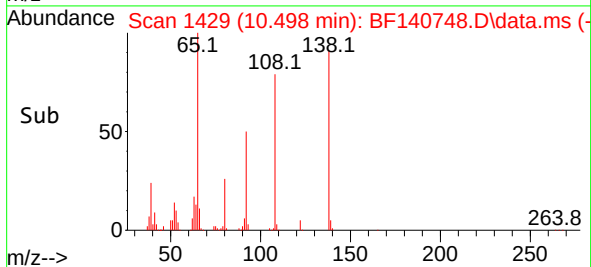
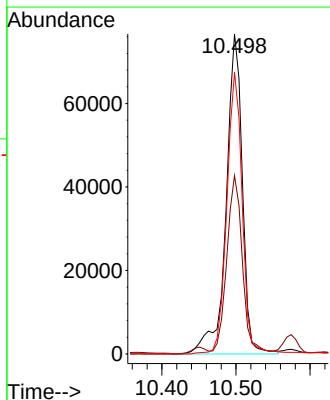
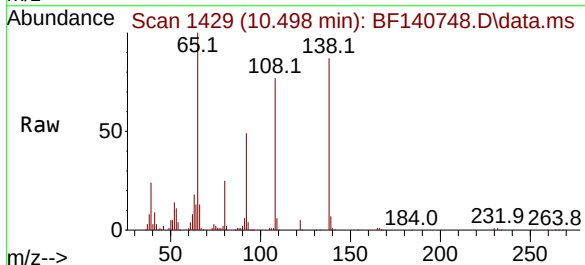
Instrument :
BNA_F
ClientSampleId :
PB165383BS

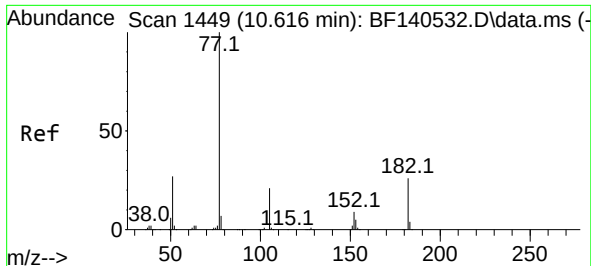
Tgt Ion:204 Resp: 268199
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.9 51.1 76.7



#62
4-Nitroaniline
Concen: 47.262 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:138 Resp: 116609
Ion Ratio Lower Upper
138 100
92 55.8 34.5 74.5
108 88.0 70.6 110.6

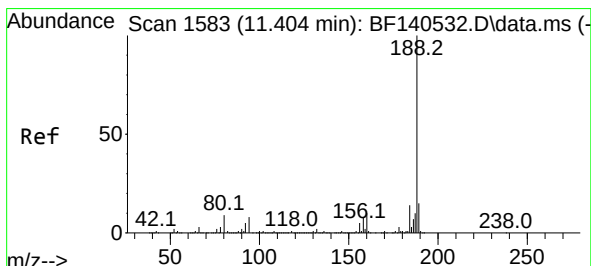
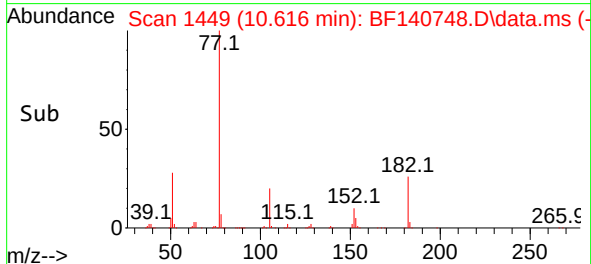
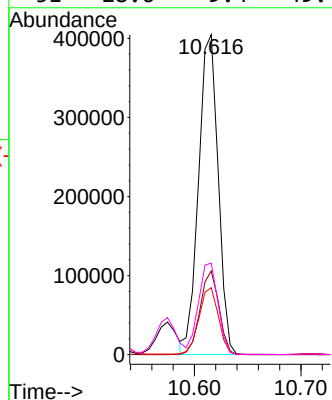
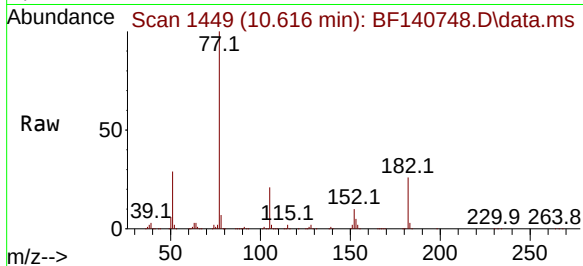




#63
Azobenzene
Concen: 50.706 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

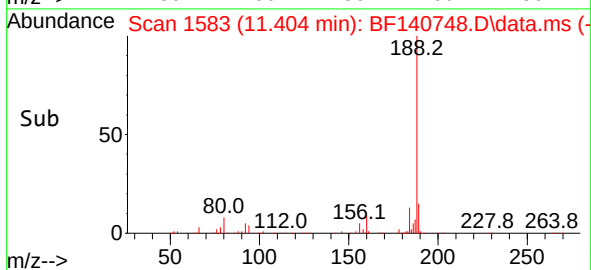
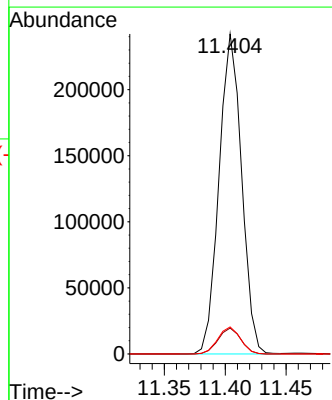
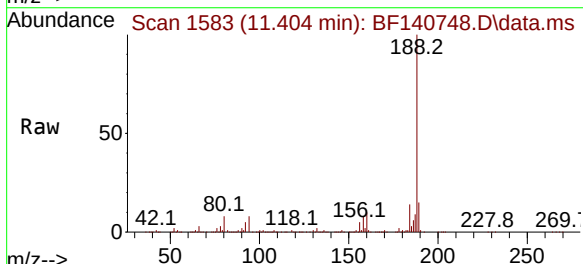
Instrument :
BNA_F
ClientSampleId :
PB165383BS

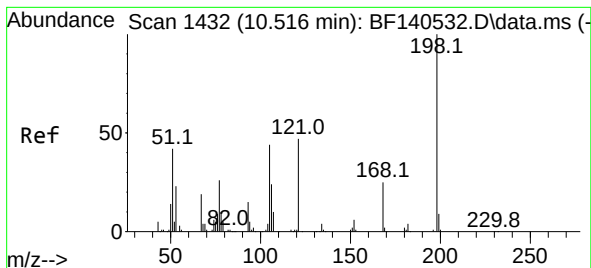
Tgt Ion:	77	Resp:	517413
Ion	Ratio	Lower	Upper
77	100		
182	26.1	5.3	45.3
105	21.0	0.3	40.3
51	28.6	9.4	49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:	188	Resp:	312586
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.5	6.9	10.3

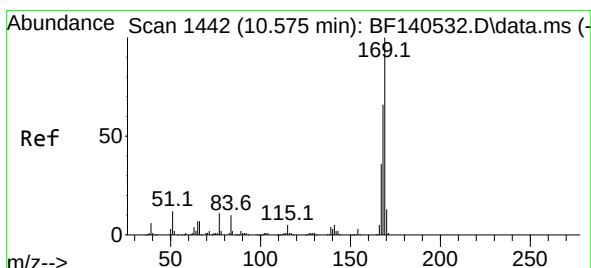
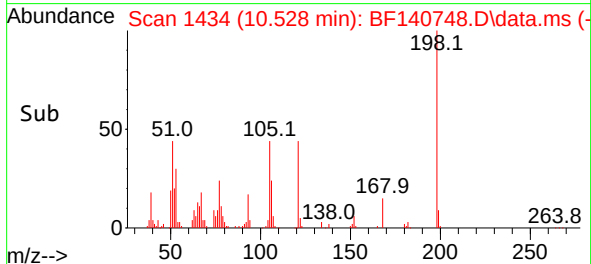
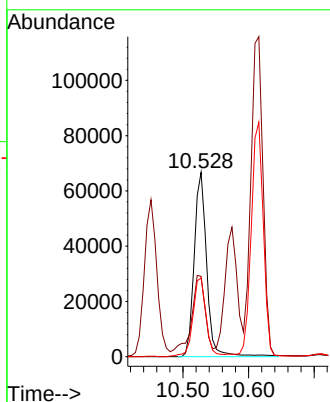
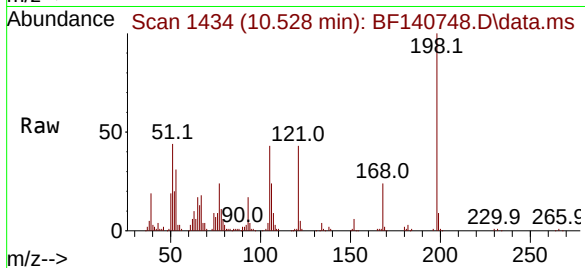




#65
4,6-Dinitro-2-methylphenol
Concen: 55.688 ng
RT: 10.528 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

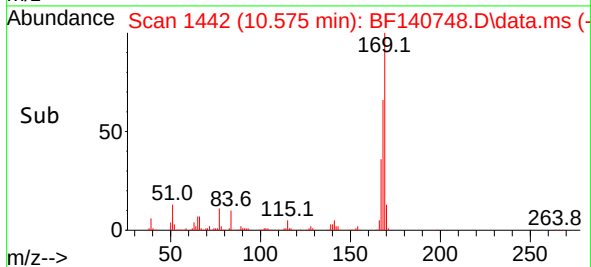
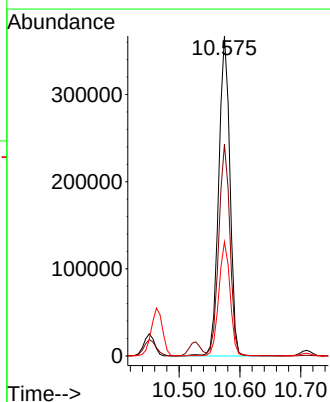
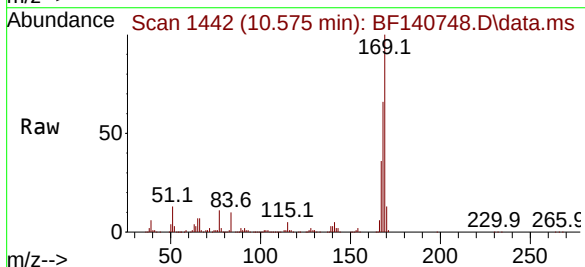
Instrument :
BNA_F
ClientSampleId :
PB165383BS

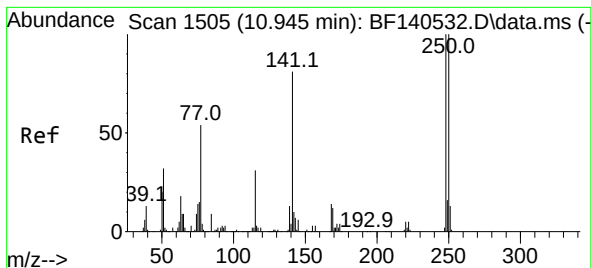
Tgt Ion:198 Resp: 88952
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 42.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 50.619 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:169 Resp: 467920
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.6 29.0 43.6

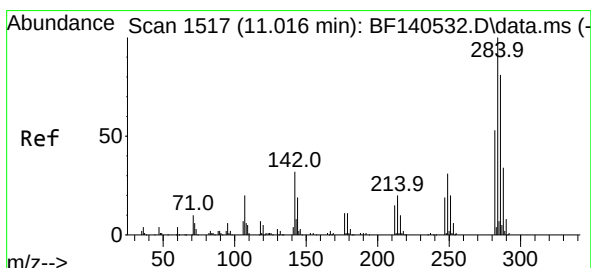
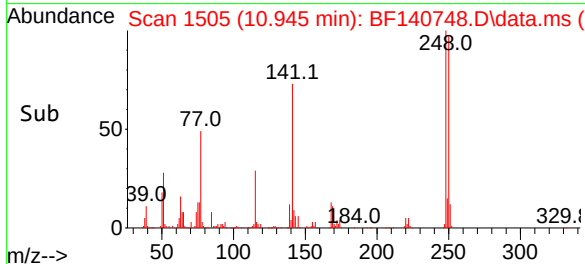
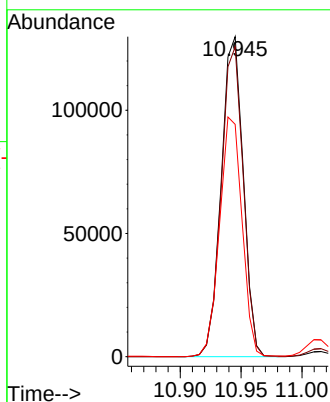
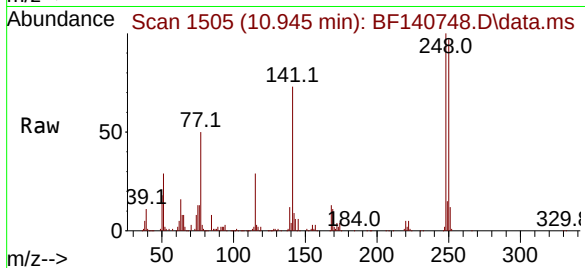




#67
4-Bromophenyl-phenylether
Concen: 50.975 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

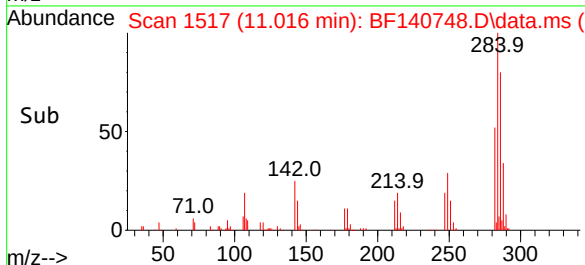
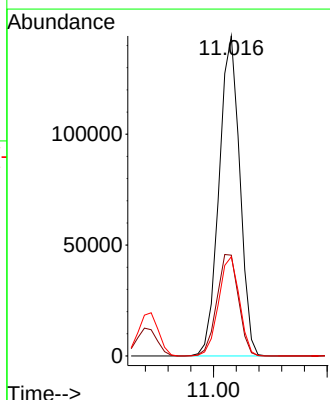
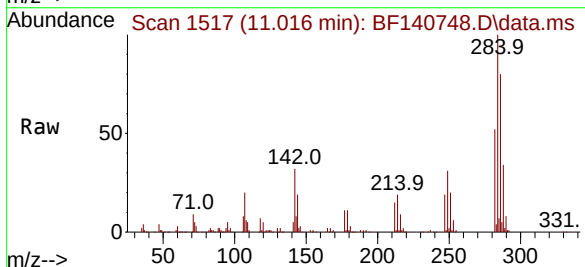
Instrument :
BNA_F
ClientSampleId :
PB165383BS

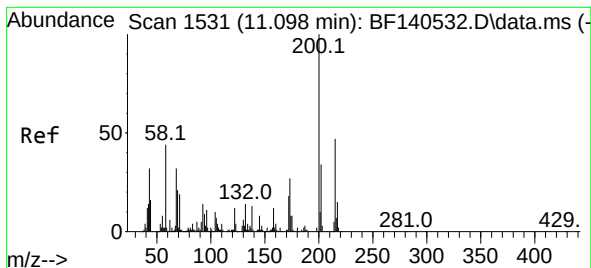
Tgt Ion:248 Resp: 164095
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 72.6 64.7 97.1



#68
Hexachlorobenzene
Concen: 49.001 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:284 Resp: 182649
Ion Ratio Lower Upper
284 100
142 31.5 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 55.718 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

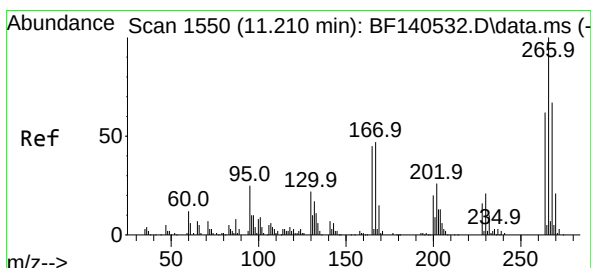
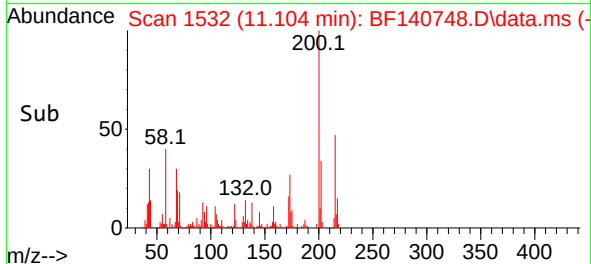
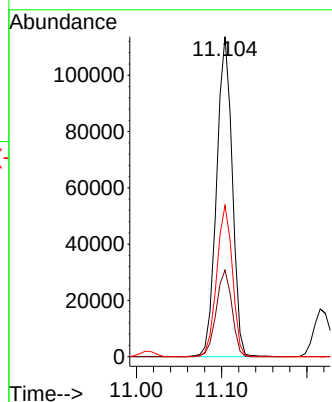
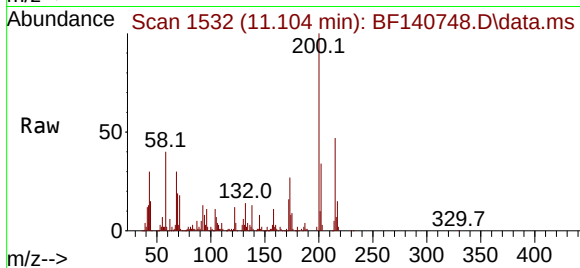
Tgt Ion:200 Resp: 144895

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 47.3 26.7 66.7



#70

Pentachlorophenol

Concen: 89.004 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

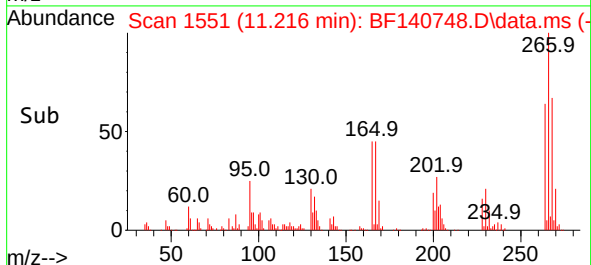
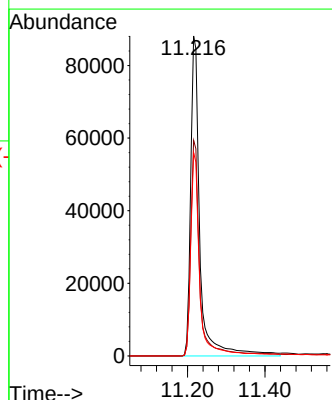
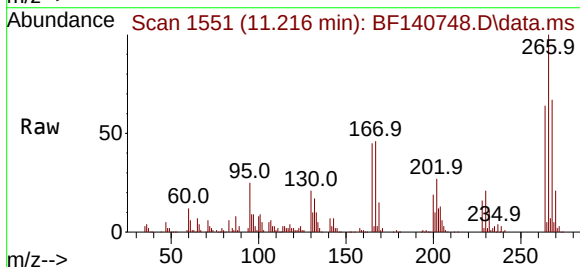
Tgt Ion:266 Resp: 146015

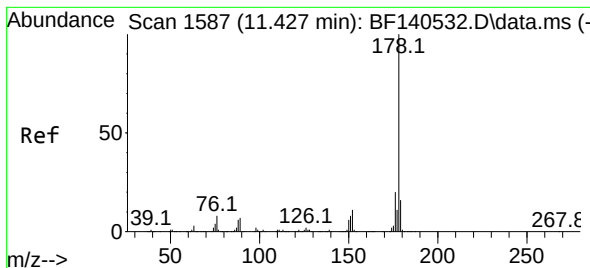
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

264 63.5 49.8 74.8





#71

Phenanthrene

Concen: 50.699 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

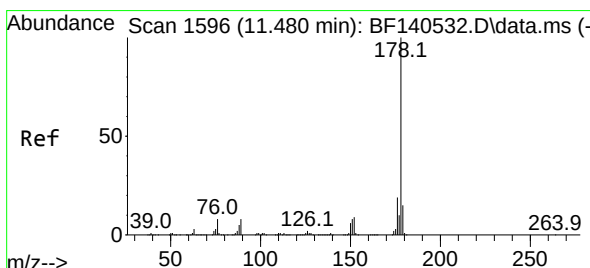
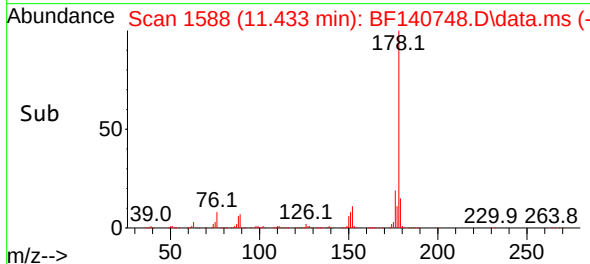
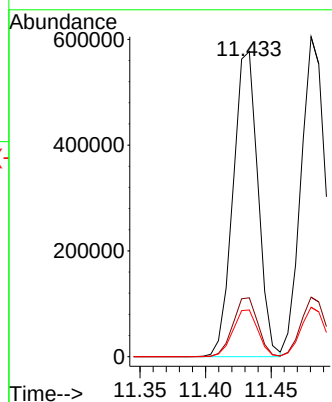
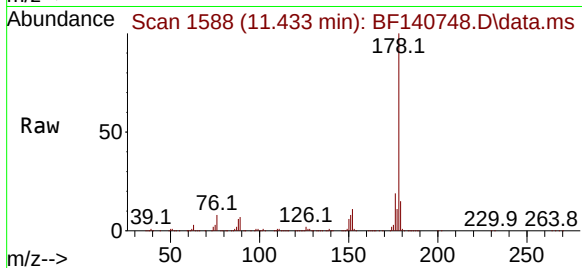
Tgt Ion:178 Resp: 761784

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.3 12.4 18.6



#72

Anthracene

Concen: 52.832 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

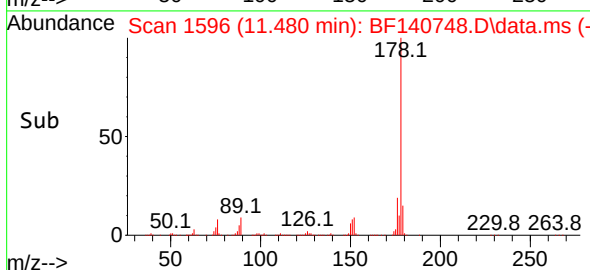
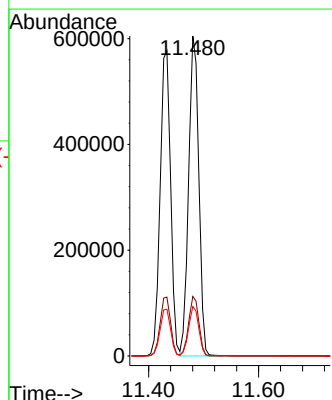
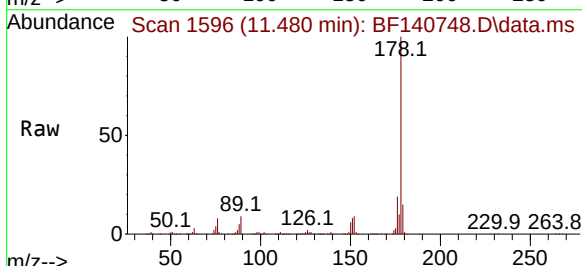
Tgt Ion:178 Resp: 776530

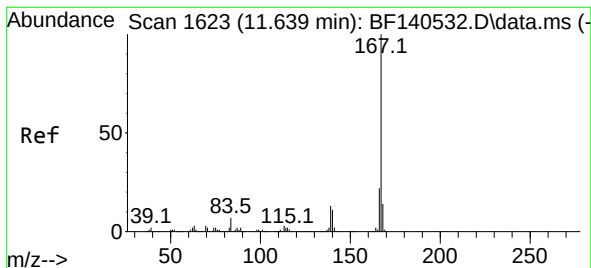
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.4 12.2 18.4





#73

Carbazole

Concen: 50.100 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

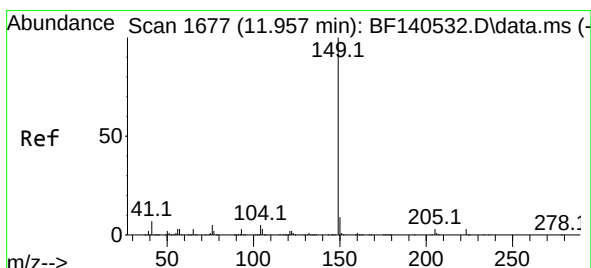
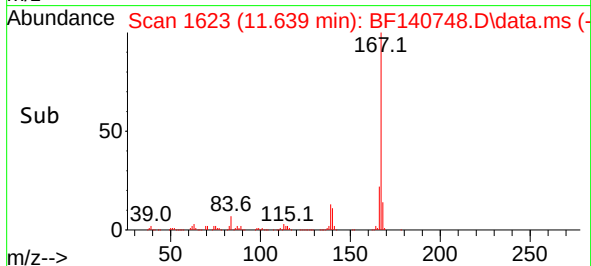
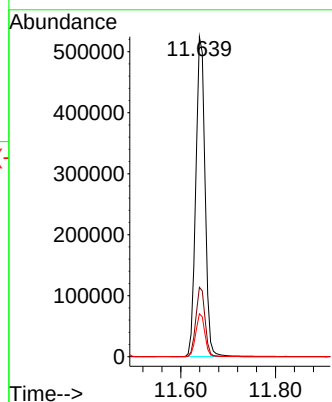
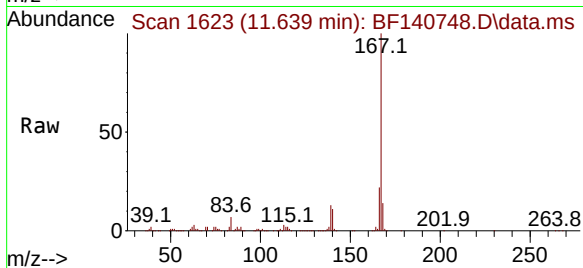
Tgt Ion:167 Resp: 708398

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 13.4 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.284 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

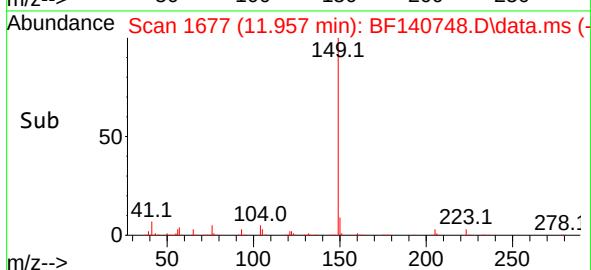
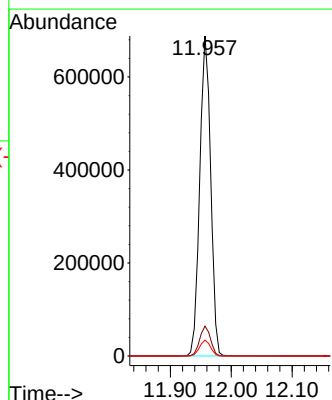
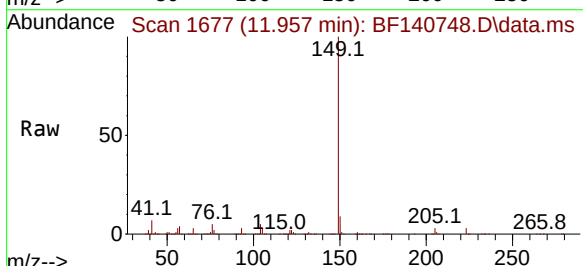
Tgt Ion:149 Resp: 853495

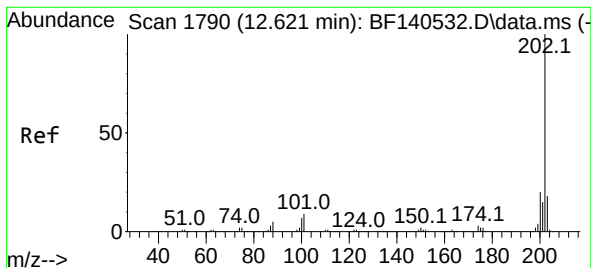
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 51.455 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

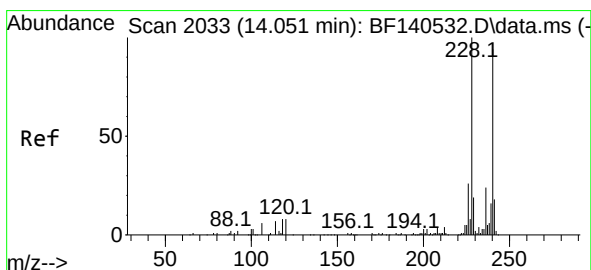
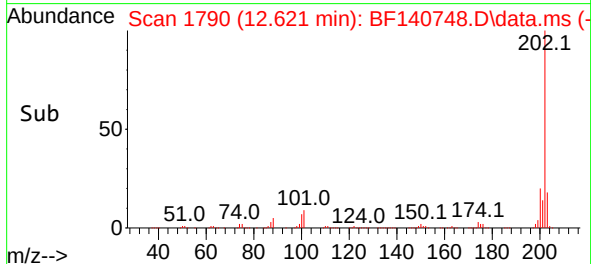
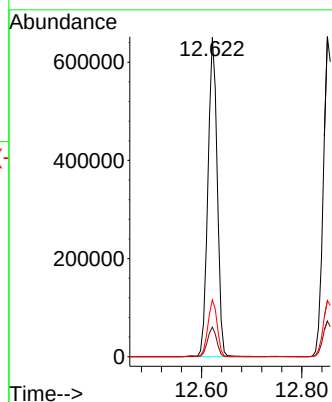
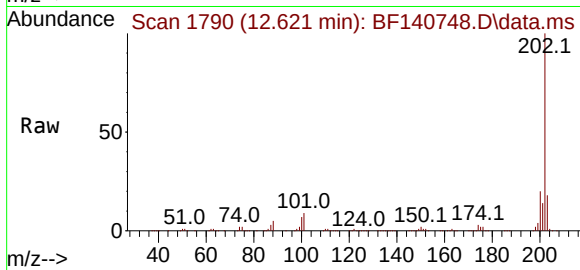
Tgt Ion:202 Resp: 839437

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

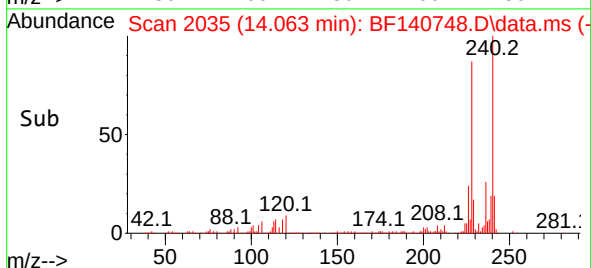
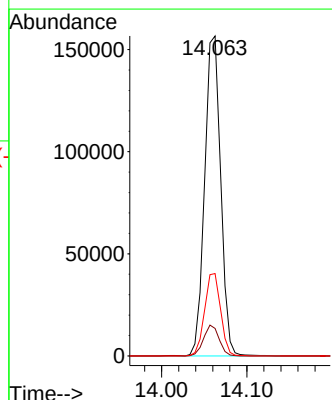
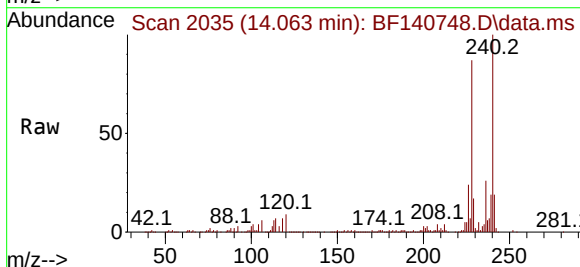
Tgt Ion:240 Resp: 204731

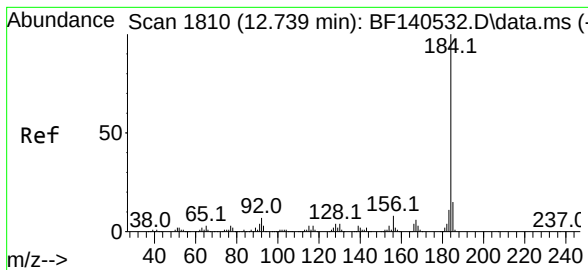
Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 25.8 20.6 31.0

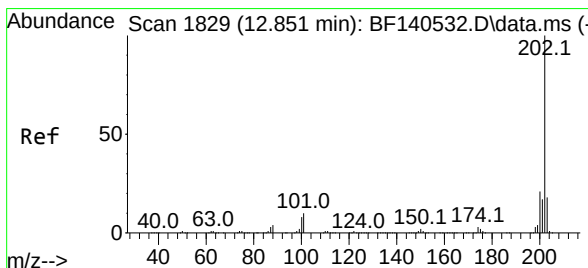
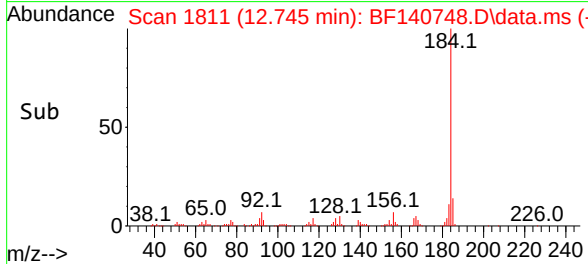
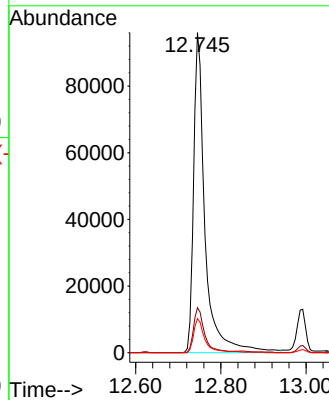
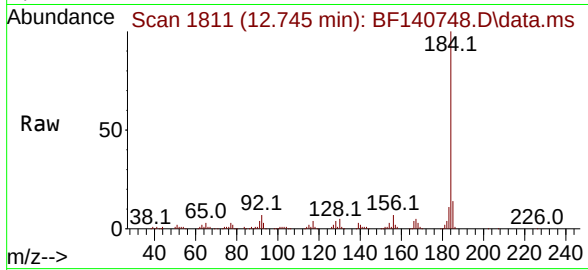




#77
Benzidine
Concen: 30.055 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

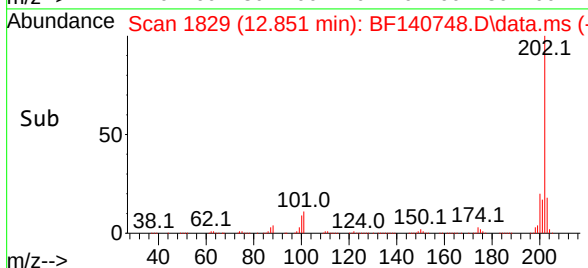
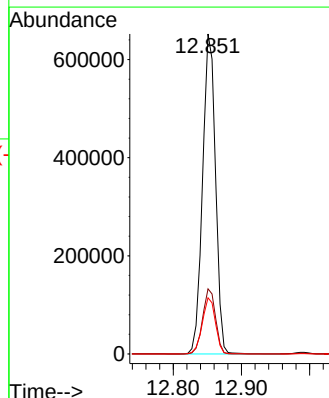
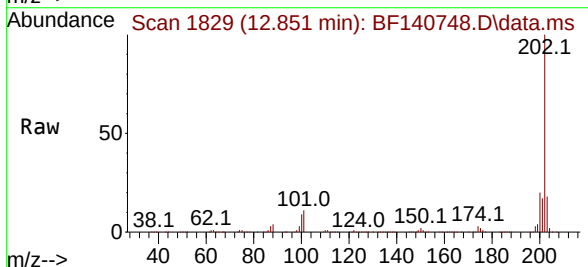
Instrument :
BNA_F
ClientSampleId :
PB165383BS

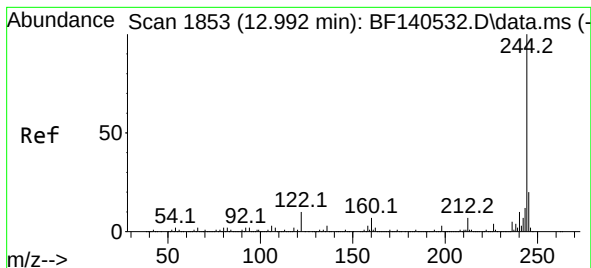
Tgt Ion:184 Resp: 178899
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.6 8.8 13.2



#78
Pyrene
Concen: 45.470 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:202 Resp: 860738
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 97.052 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

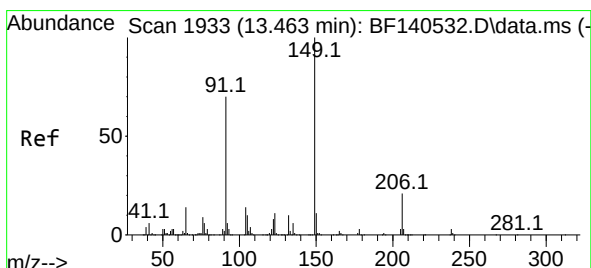
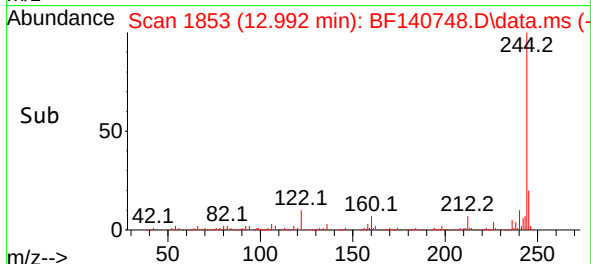
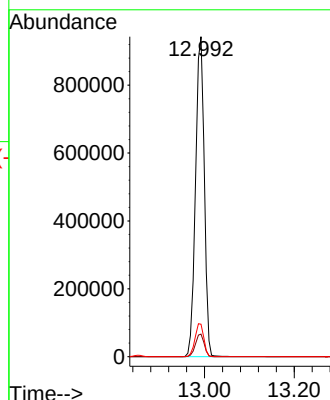
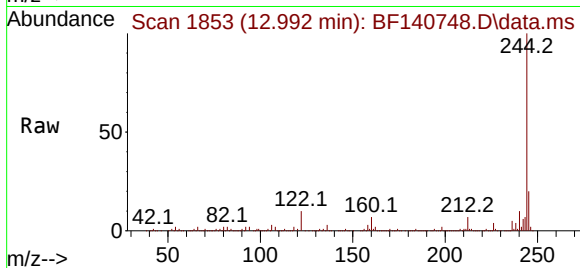
Tgt Ion:244 Resp: 1276031

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 50.538 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

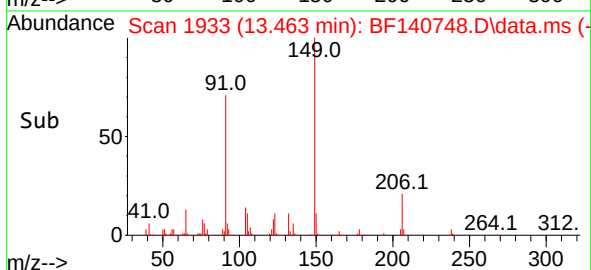
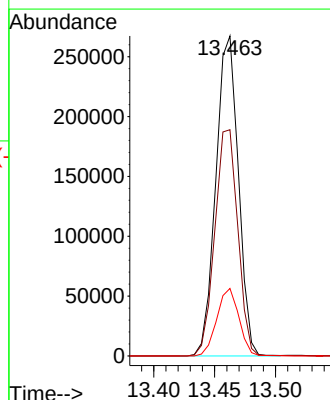
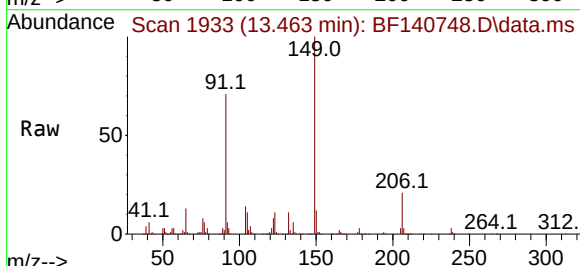
Tgt Ion:149 Resp: 344632

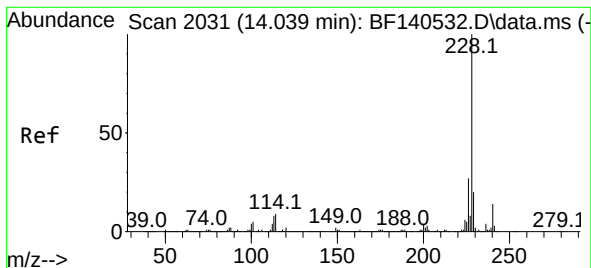
Ion Ratio Lower Upper

149 100

91 70.7 56.2 84.2

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.156 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

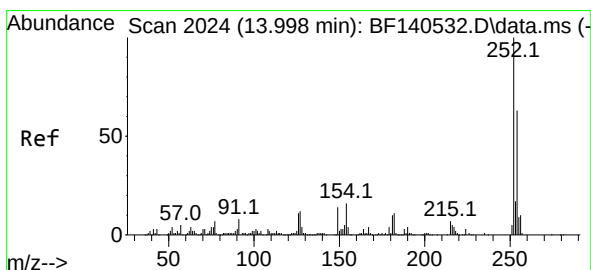
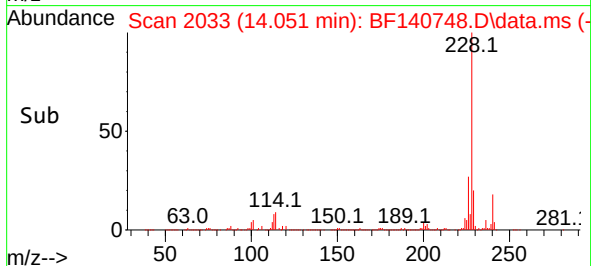
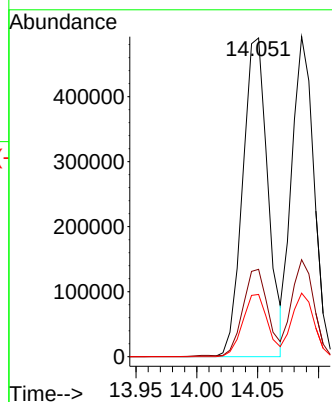
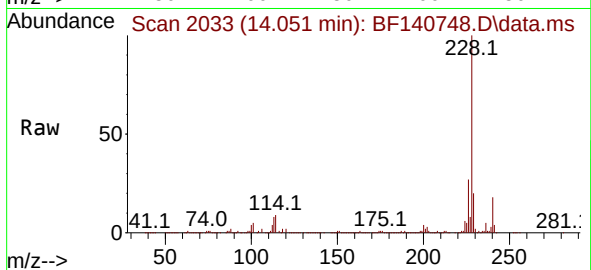
Tgt Ion:228 Resp: 706841

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.301 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

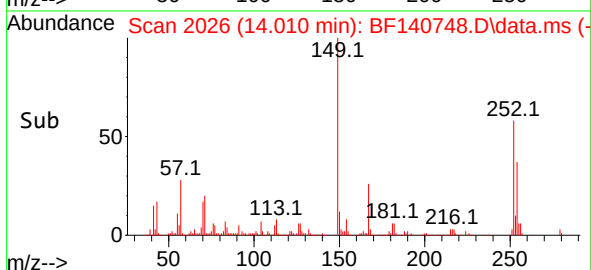
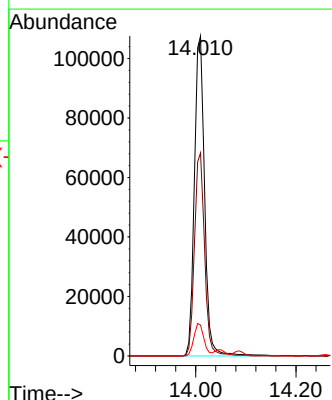
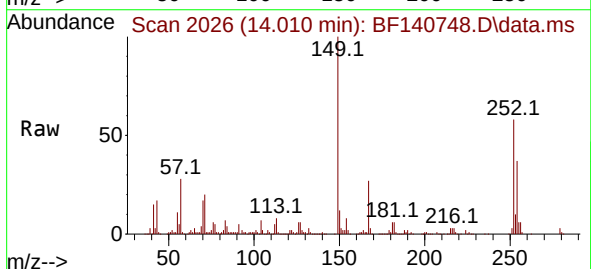
Tgt Ion:252 Resp: 151774

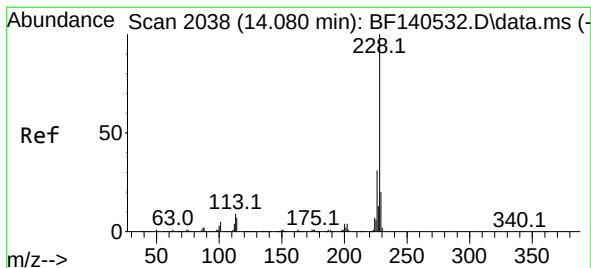
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 9.6 8.6 13.0





#83

Chrysene

Concen: 50.500 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

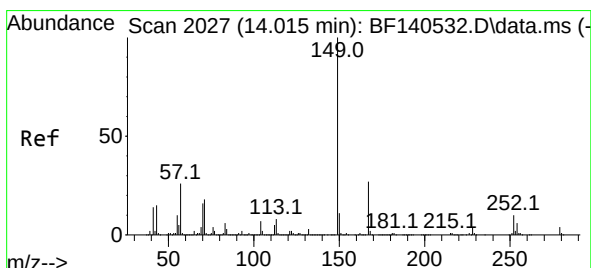
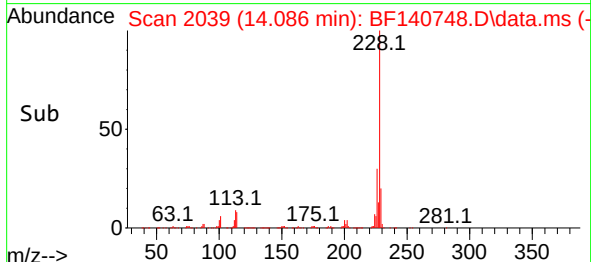
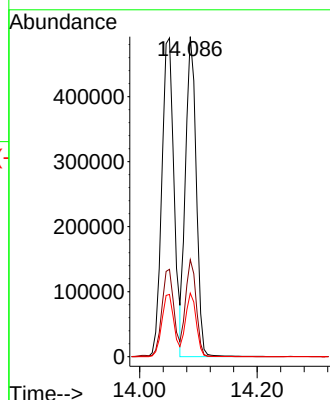
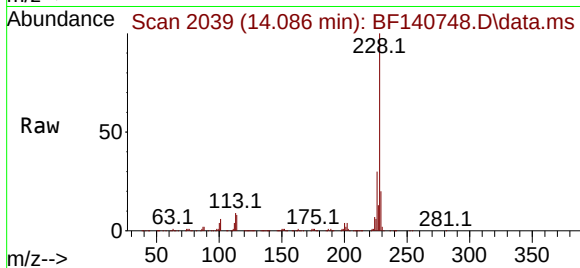
Tgt Ion:228 Resp: 625800

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.804 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

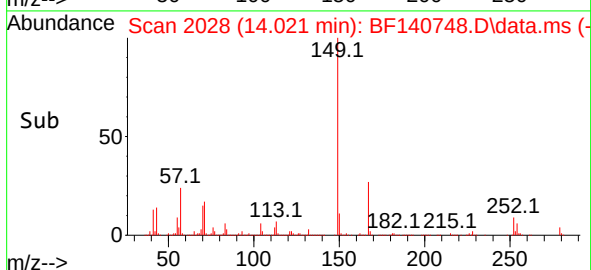
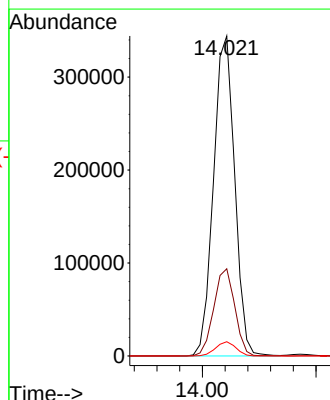
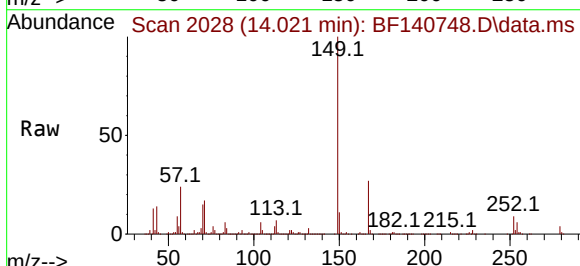
Tgt Ion:149 Resp: 446072

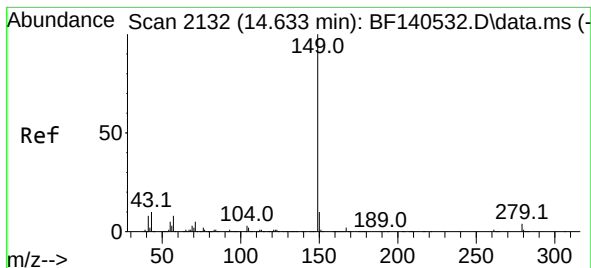
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.307 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

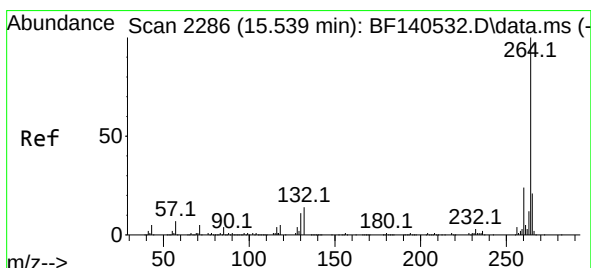
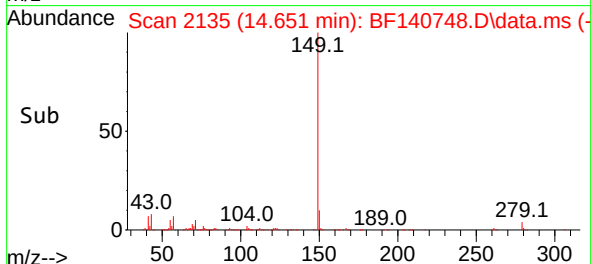
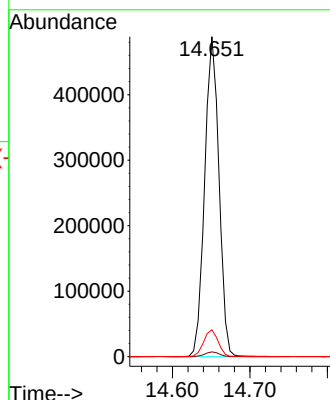
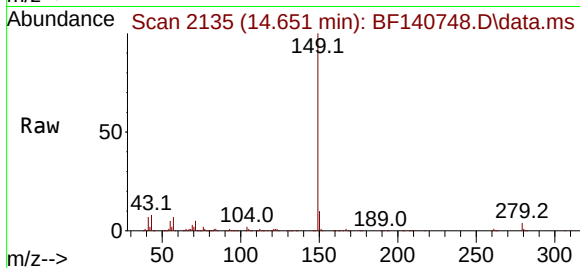
Tgt Ion:149 Resp: 627308

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

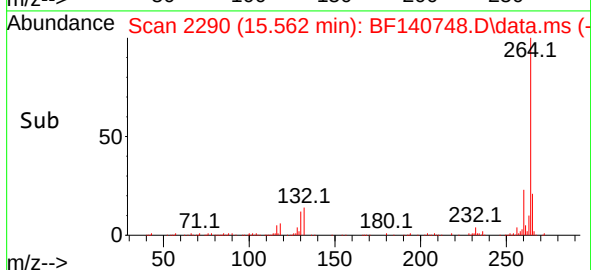
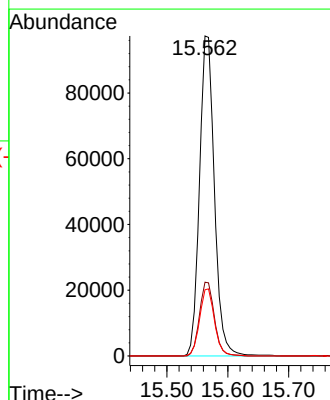
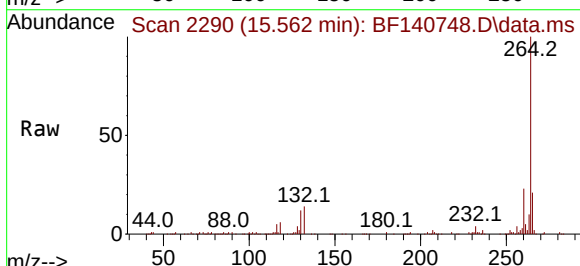
Tgt Ion:264 Resp: 165261

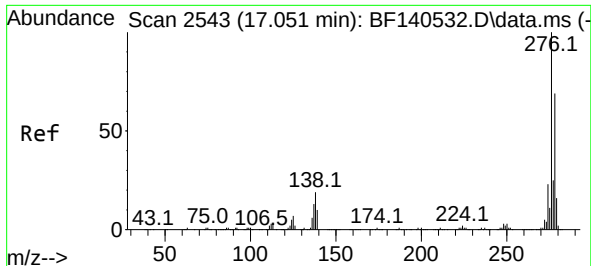
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 20.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.857 ng
RT: 17.092 min Scan# 2115
Delta R.T. 0.041 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

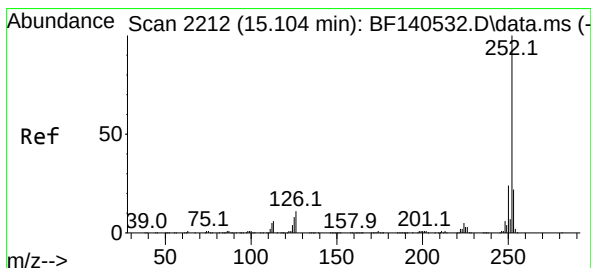
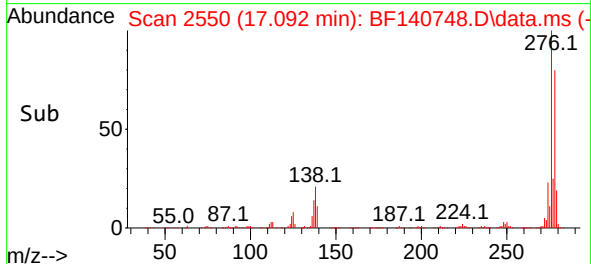
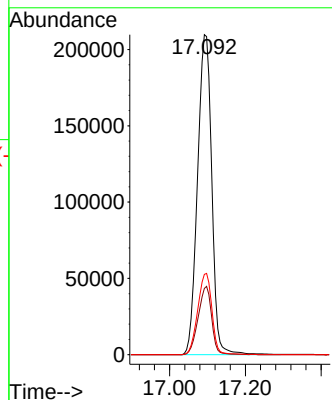
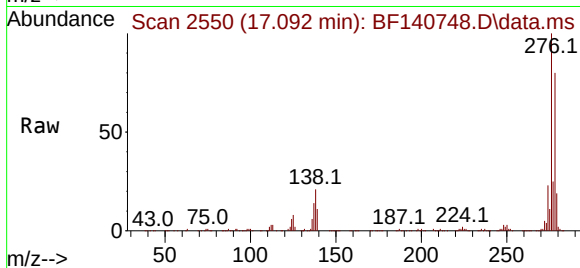
Instrument :

BNA_F

ClientSampleId :

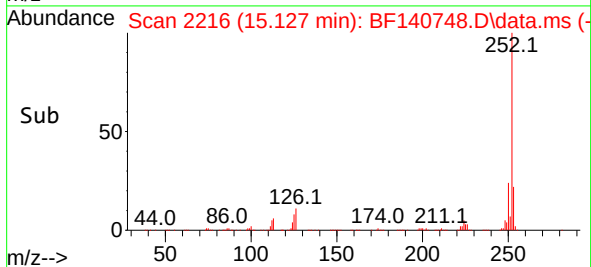
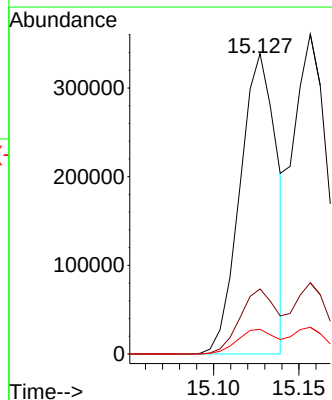
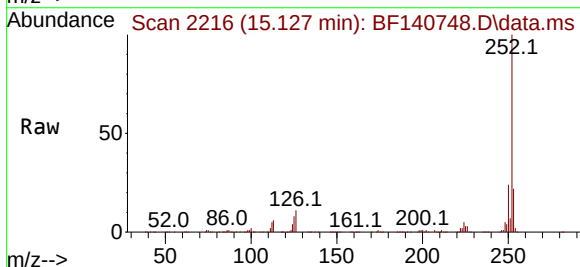
PB165383BS

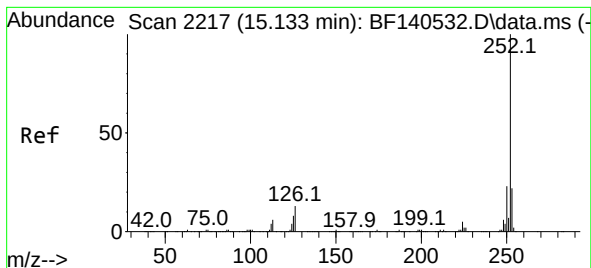
Tgt Ion:276 Resp: 547725
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.648 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.024 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:252 Resp: 504983
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.917 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

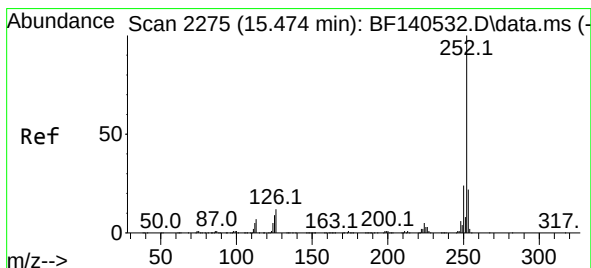
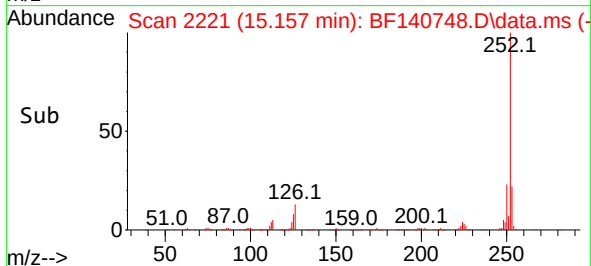
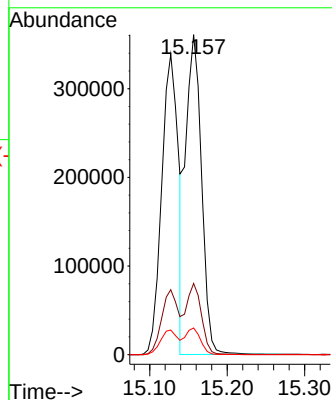
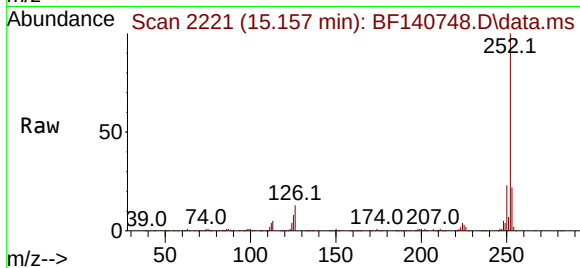
Tgt Ion:252 Resp: 507934

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.4 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.930 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.029 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

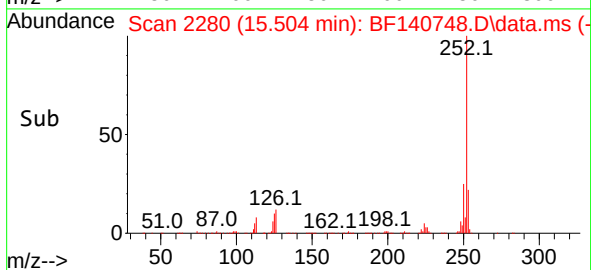
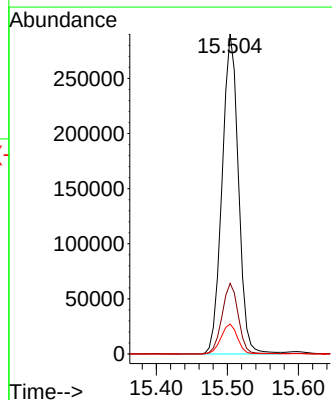
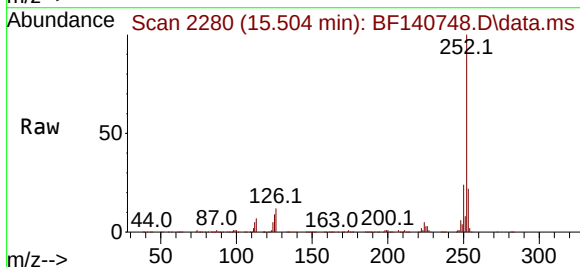
Tgt Ion:252 Resp: 463606

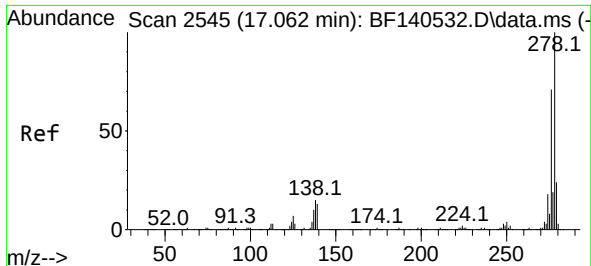
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.4 7.0 10.6

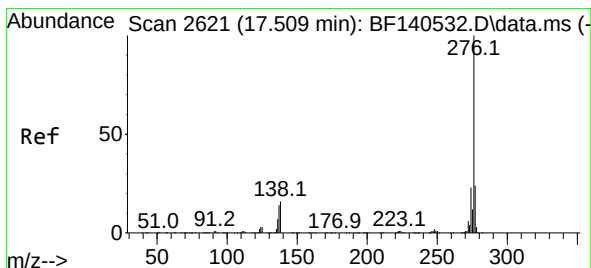
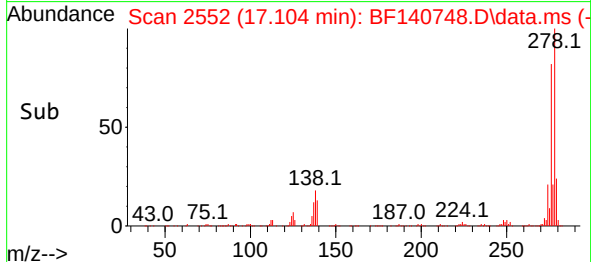
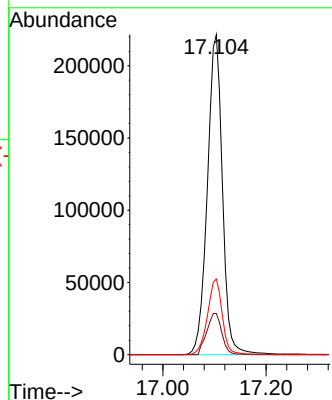
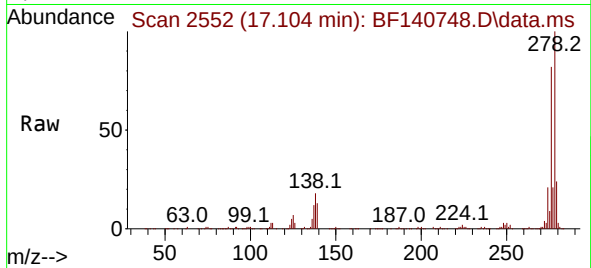




#91
Dibenzo(a,h)anthracene
Concen: 50.869 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :
BNA_F
ClientSampleId :
PB165383BS

Tgt Ion:278 Resp: 448673
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.783 ng
RT: 17.551 min Scan# 2628
Delta R.T. 0.041 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:276 Resp: 412062
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.0 13.2 19.8

