

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140665.D
 Acq On : 27 Nov 2024 13:11
 Operator : RC/JU
 Sample : P4938-04MSRE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

Quant Time: Nov 27 13:33:17 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	6.869	152	67506	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	257356	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150981	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	289856	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174005	20.000	ng	0.00
86) Perylene-d12	15.533	264	127572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	583008	147.355	ng	0.02
7) Phenol-d6	6.516	99	750305	143.446	ng	0.00
23) Nitrobenzene-d5	7.434	82	511223	101.607	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265684	164.535	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1016572	100.320	ng	0.00
79) Terphenyl-d14	12.986	244	1126417	100.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	70873	42.605	ng	# 83
3) Pyridine	3.557	79	103595	28.304	ng	98
4) n-Nitrosodimethylamine	3.475	42	101851	47.347	ng	95
6) Aniline	6.539	93	48094	13.063	ng	# 2
8) 2-Chlorophenol	6.663	128	219816	51.641	ng	95
9) Benzaldehyde	6.428	77	19035	6.874	ng	98
10) Phenol	6.528	94	261968	49.042	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	203243	49.721	ng	99
12) 1,3-Dichlorobenzene	6.810	146	200431	41.906	ng	99
13) 1,4-Dichlorobenzene	6.886	146	203820	42.087	ng	98
14) 1,2-Dichlorobenzene	7.039	146	198046	43.642	ng	100
15) Benzyl Alcohol	7.016	79	173973	44.850	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	237478	49.177	ng	83
17) 2-Methylphenol	7.134	107	177720	52.158	ng	97
18) Hexachloroethane	7.381	117	74916	41.419	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	161724	52.317	ng	98
20) 3+4-Methylphenols	7.286	107	237422	54.211	ng	91
22) Acetophenone	7.281	105	308447	49.161	ng	97
24) Nitrobenzene	7.457	77	240796	46.306	ng	97
25) Isophorone	7.692	82	436622	52.029	ng	99
26) 2-Nitrophenol	7.769	139	118547	51.443	ng	98
27) 2,4-Dimethylphenol	7.810	122	174466	63.276	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	254267	49.735	ng	100
29) 2,4-Dichlorophenol	8.016	162	198689	54.383	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	187628	44.979	ng	99
31) Naphthalene	8.175	128	639545	48.245	ng	99
32) Benzoic acid	7.945	122	133651	54.548	ng	95
33) 4-Chloroaniline	8.251	127	33657	8.480	ng	97
34) Hexachlorobutadiene	8.286	225	123122	44.561	ng	100
35) Caprolactam	8.598	113	36789	32.538	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	229769	56.170	ng	99
37) 2-Methylnaphthalene	8.863	142	440632	52.333	ng	100
38) 1-Methylnaphthalene	8.963	142	411551	49.867	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	215962	48.860	ng	99
41) Hexachlorocyclopentadiene	9.016	237	176756	168.986	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150521	54.271	ng	98

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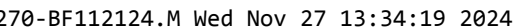
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162302	53.920	ng	97
46) 1,1'-Biphenyl	9.328	154	571981	50.742	ng	100
47) 2-Chloronaphthalene	9.357	162	418566	49.005	ng	99
48) 2-Nitroaniline	9.457	65	139668	50.944	ng	96
49) Acenaphthylene	9.769	152	709484	54.976	ng	99
50) Dimethylphthalate	9.627	163	552625	55.576	ng	99
51) 2,6-Dinitrotoluene	9.698	165	116107	51.486	ng	95
52) Acenaphthene	9.945	154	435357	53.093	ng	100
53) 3-Nitroaniline	9.869	138	19381	8.787	ng	96
54) 2,4-Dinitrophenol	9.980	184	148581	122.598	ng	99
55) Dibenzofuran	10.116	168	668276	53.430	ng	99
56) 4-Nitrophenol	10.045	139	153740	102.205	ng	97
57) 2,4-Dinitrotoluene	10.104	165	163133	54.429	ng	98
58) Fluorene	10.463	166	536603	53.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145806	63.029	ng	93
60) Diethylphthalate	10.327	149	559584	55.389	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	264310	53.646	ng	97
62) 4-Nitroaniline	10.480	138	64320	27.804	ng	99
63) Azobenzene	10.610	77	490553	51.274	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	93785	63.318	ng	98
66) n-Nitrosodiphenylamine	10.569	169	242250	28.261	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	158807	53.200	ng	99
68) Hexachlorobenzene	11.010	284	180322	52.170	ng	99
69) Atrazine	11.092	200	32005	13.272	ng	99
70) Pentachlorophenol	11.210	266	190108	124.968	ng	98
71) Phenanthrene	11.427	178	751847	53.961	ng	99
72) Anthracene	11.480	178	777728	57.063	ng	100
73) Carbazole	11.633	167	365897	27.907	ng	99
74) Di-n-butylphthalate	11.957	149	871058	57.545	ng	99
75) Fluoranthene	12.616	202	815541	53.910	ng	100
78) Pyrene	12.845	202	829683	51.569	ng	100
80) Butylbenzylphthalate	13.457	149	326928	56.407	ng	99
81) Benzo(a)anthracene	14.039	228	633126	54.966	ng	100
83) Chrysene	14.074	228	572347	54.342	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	441902	60.382	ng	99
85) Di-n-octyl phthalate	14.633	149	638627	63.852	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	573933	69.034	ng	99
88) Benzo(b)fluoranthene	15.104	252	554460	69.195	ng	99
89) Benzo(k)fluoranthene	15.133	252	491655	70.116	ng	100
90) Benzo(a)pyrene	15.474	252	465058	71.381	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	485876	71.362	ng	100
92) Benzo(g,h,i)perylene	17.503	276	410767	59.122	ng	99

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

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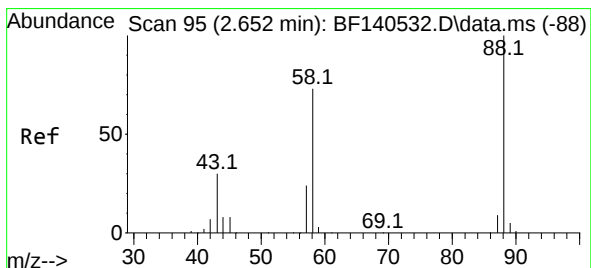
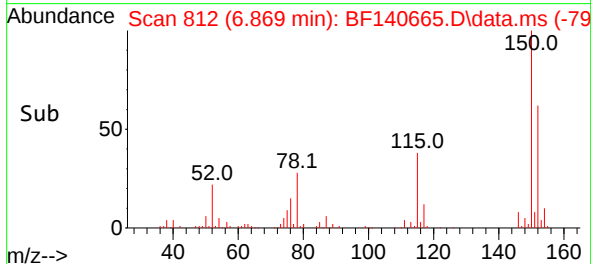
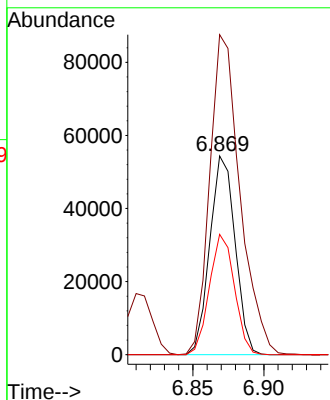
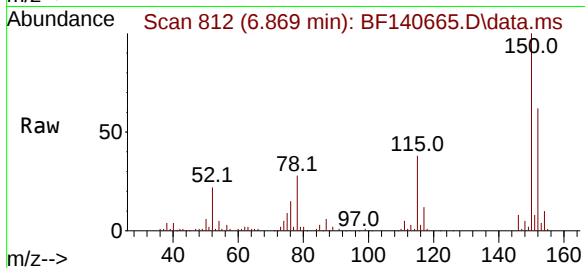




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140665.D
 Acq: 27 Nov 2024 13:11

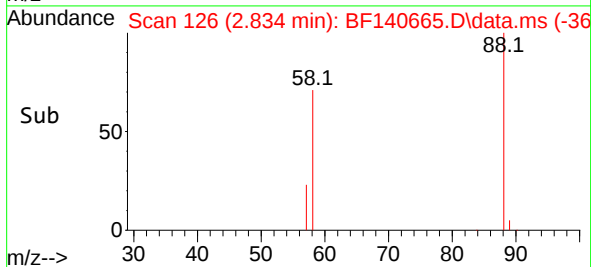
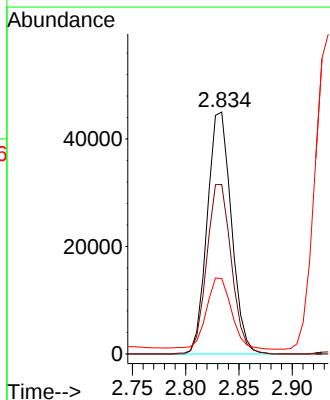
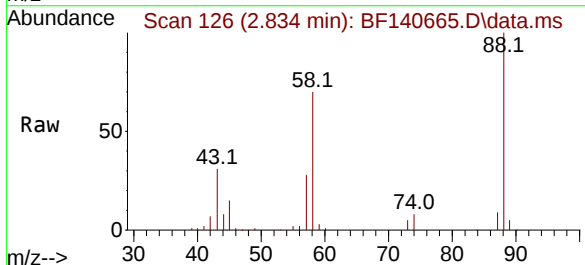
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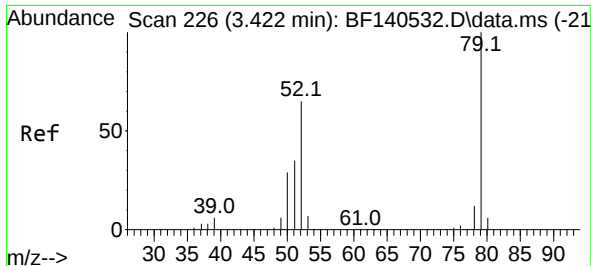
Tgt Ion:152 Resp: 67506
 Ion Ratio Lower Upper
 152 100
 150 161.0 128.5 192.7
 115 60.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 42.605 ng
 RT: 2.834 min Scan# 126
 Delta R.T. 0.182 min
 Lab File: BF140665.D
 Acq: 27 Nov 2024 13:11

Tgt Ion: 88 Resp: 70873
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 28.304 ng

RT: 3.557 min Scan# 249

Delta R.T. 0.135 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

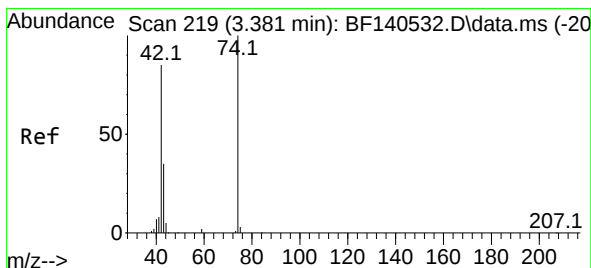
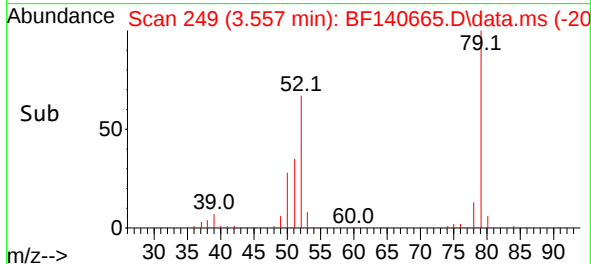
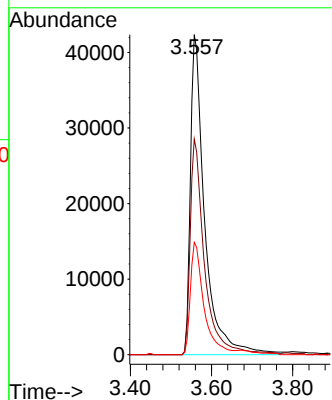
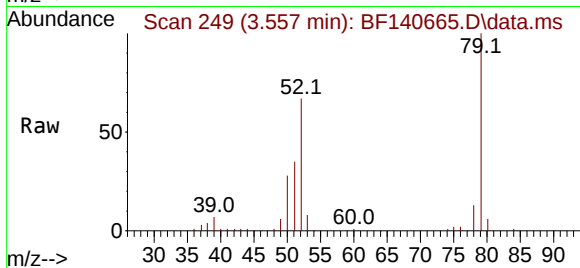
Tgt Ion: 79 Resp: 103595

Ion Ratio Lower Upper

79 100

52 67.4 52.1 78.1

51 35.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 47.347 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.094 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

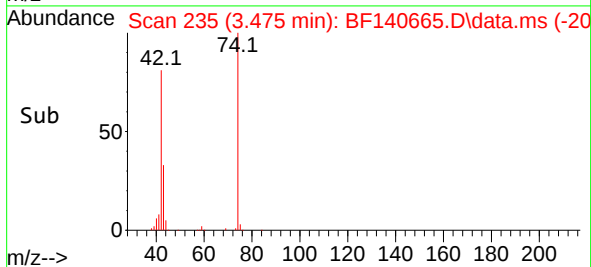
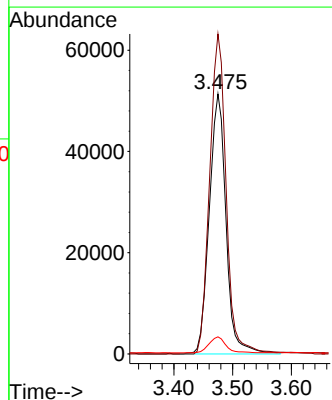
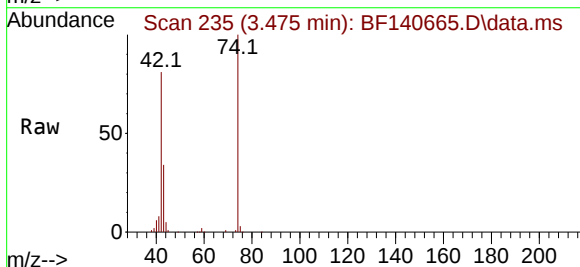
Tgt Ion: 42 Resp: 101851

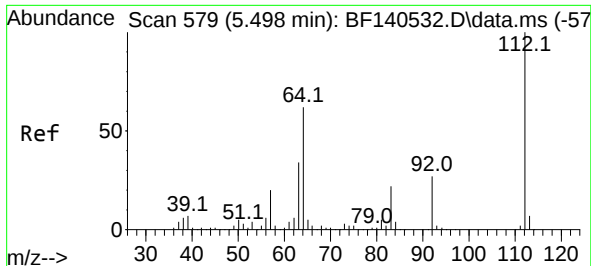
Ion Ratio Lower Upper

42 100

74 123.1 93.8 140.6

44 6.6 4.6 6.8

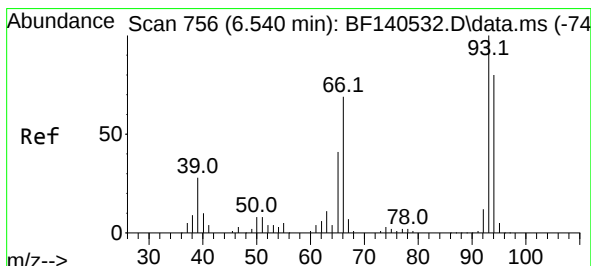
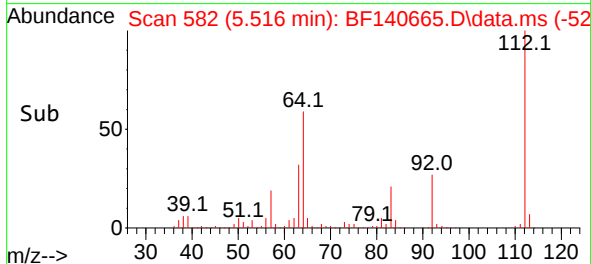
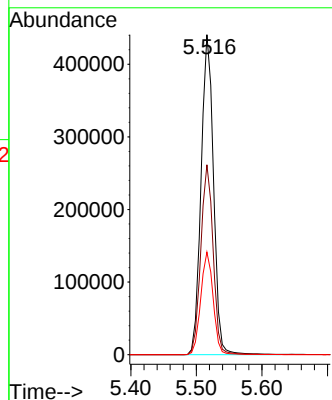
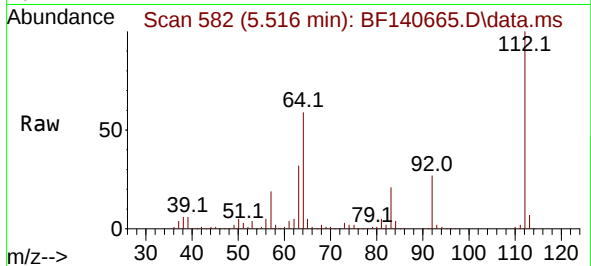




#5
2-Fluorophenol
Concen: 147.355 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

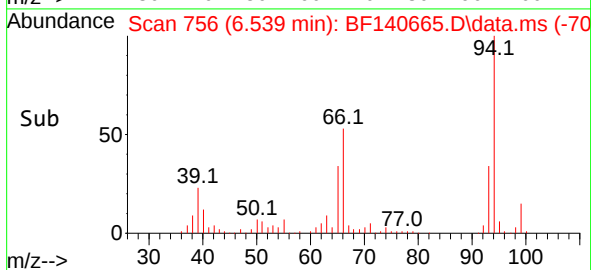
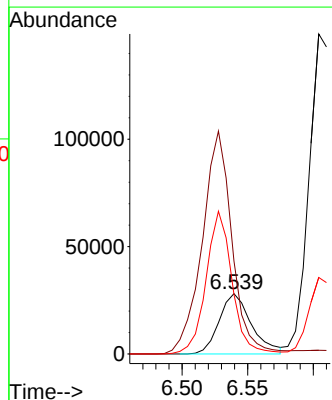
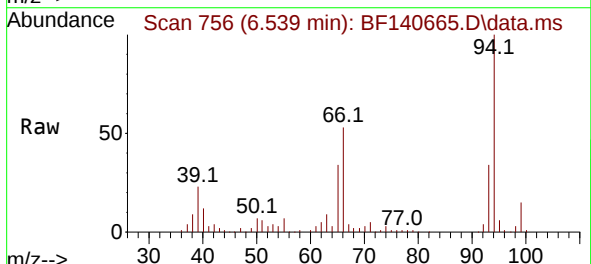
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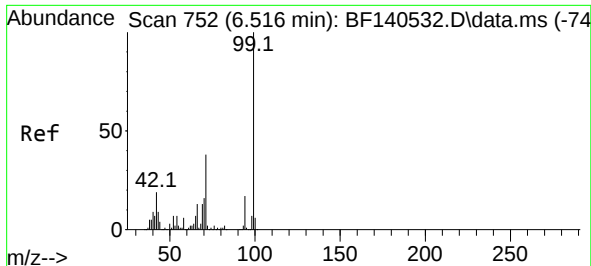
Tgt Ion:112 Resp: 583008
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4



#6
Aniline
Concen: 13.063 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 93 Resp: 48094
Ion Ratio Lower Upper
93 100
66 154.1 56.5 84.7#
65 98.9 32.9 49.3#

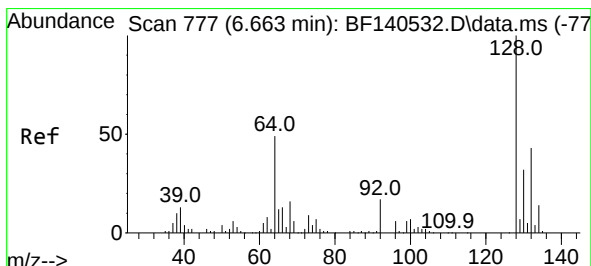
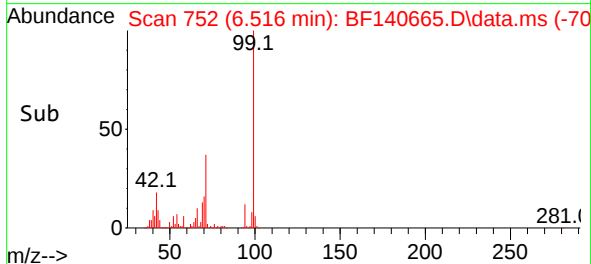
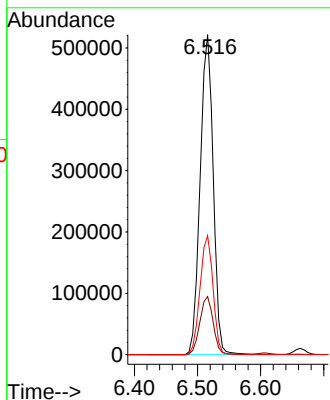
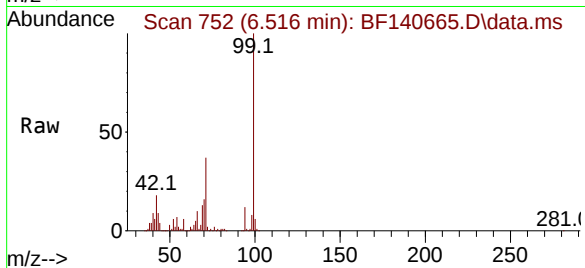




#7
Phenol-d6
Concen: 143.446 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

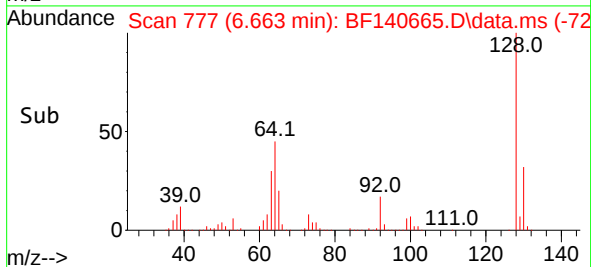
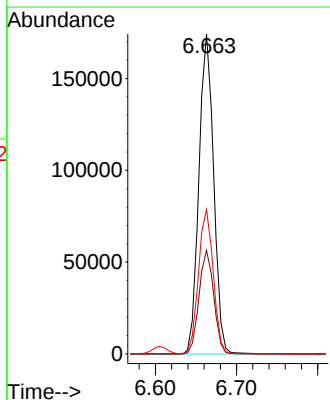
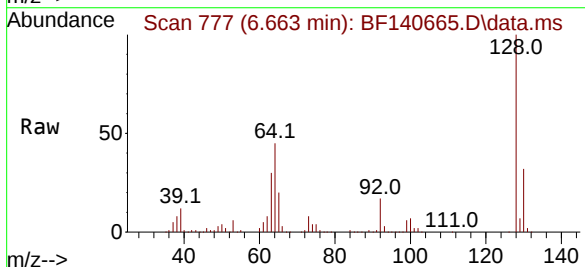
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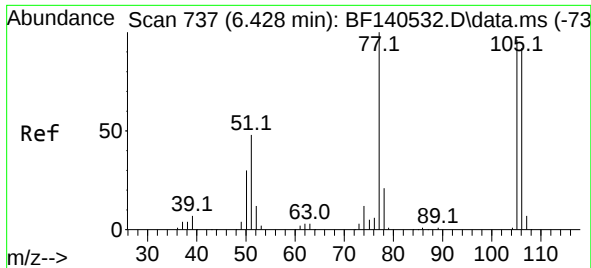
Tgt Ion: 99 Resp: 750305
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.2 30.6 46.0



#8
2-Chlorophenol
Concen: 51.641 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 128 Resp: 219816
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.1 30.2 70.2

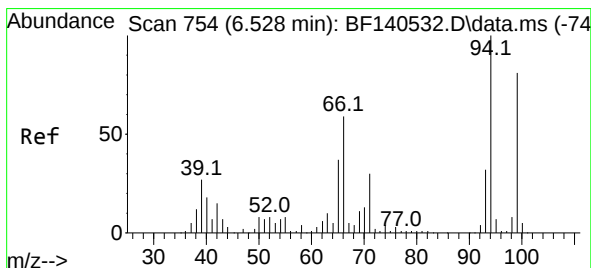
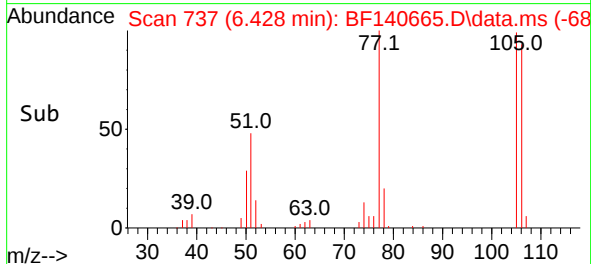
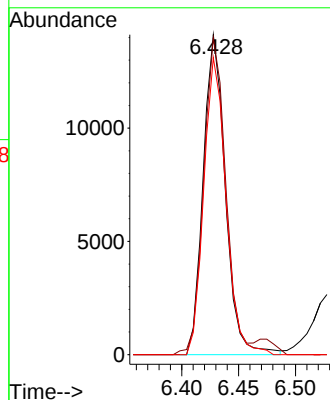
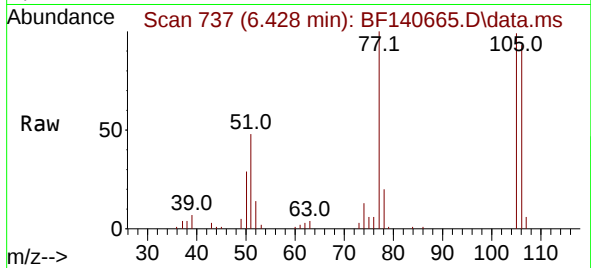




#9
Benzaldehyde
Concen: 6.874 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

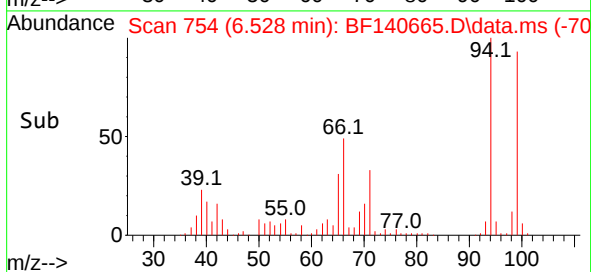
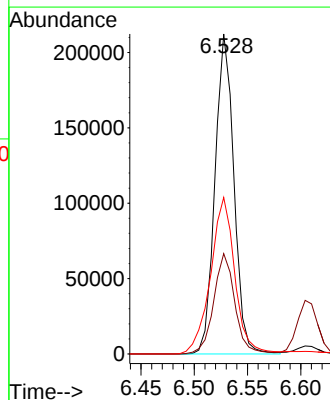
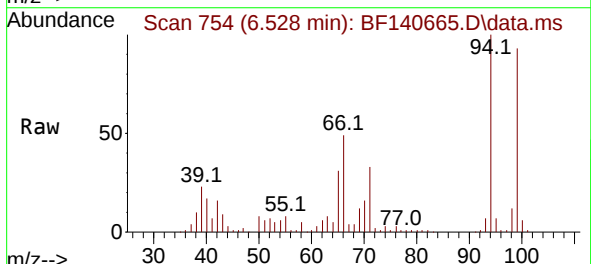
Instrument :
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Tgt Ion:	77	Resp:	19035
Ion	Ratio	Lower	Upper
77	100		
105	99.0	75.6	115.6
106	92.8	72.0	112.0



#10
Phenol
Concen: 49.042 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140665.D
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Tgt Ion:	94	Resp:	261968
Ion	Ratio	Lower	Upper
94	100		
65	31.3	17.2	57.2
66	48.9	39.2	79.2

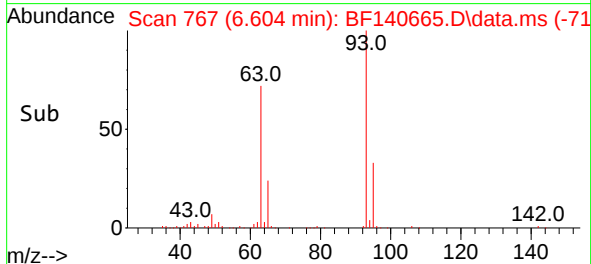
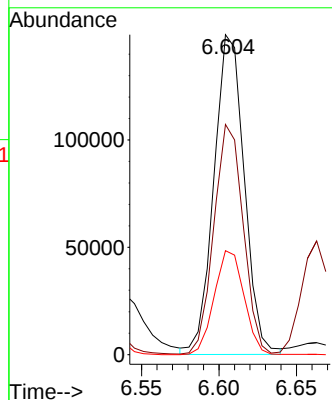
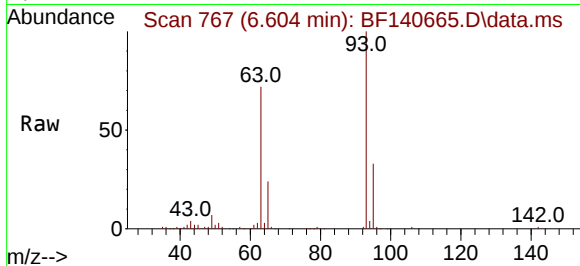




#11
bis(2-Chloroethyl)ether
Concen: 49.721 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

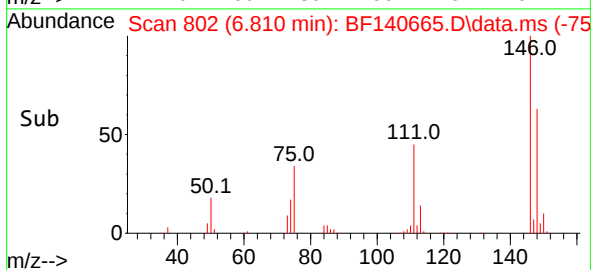
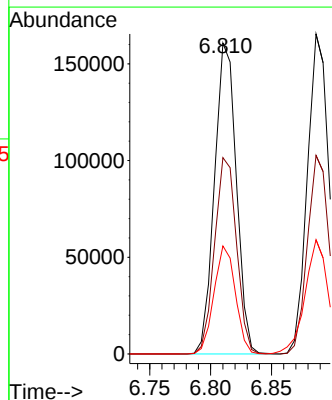
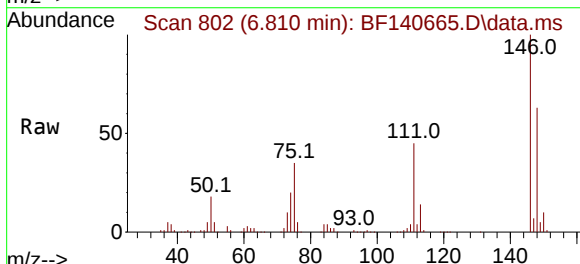
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 93 Resp: 203243
Ion Ratio Lower Upper
93 100
63 72.0 52.8 92.8
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.906 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:146 Resp: 200431
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 34.7 28.2 42.2

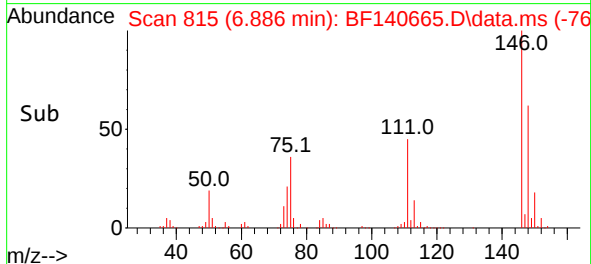
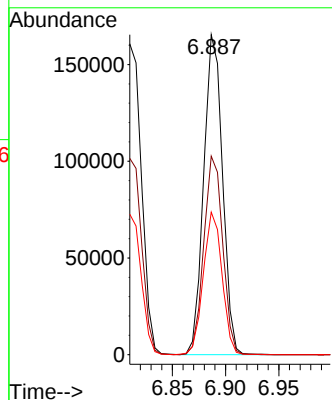
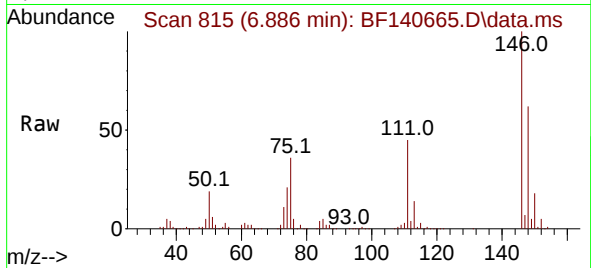




#13
1,4-Dichlorobenzene
Concen: 42.087 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

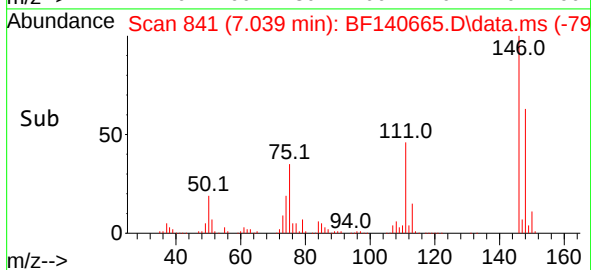
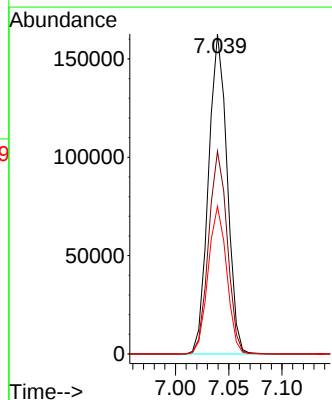
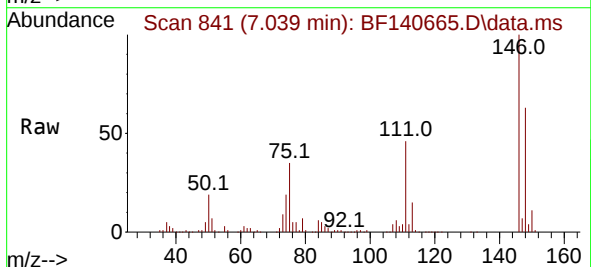
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:146 Resp: 203820
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.6
111 44.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 43.642 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:146 Resp: 198046
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.1 36.7 55.1

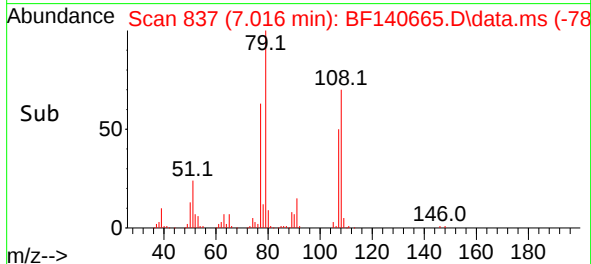
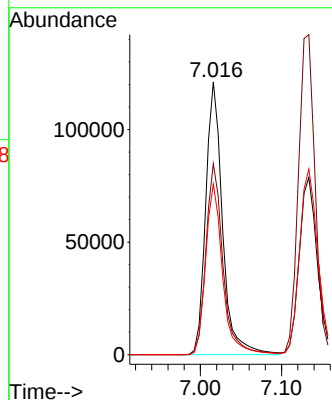
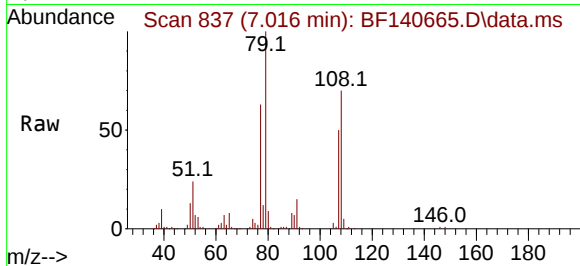




#15
Benzyl Alcohol
Concen: 44.850 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

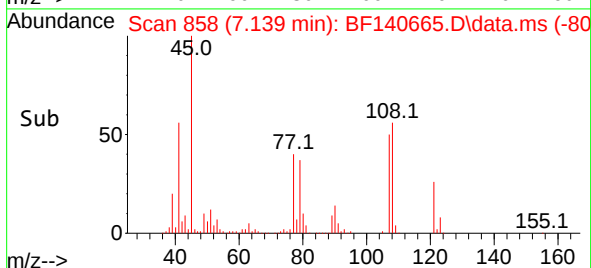
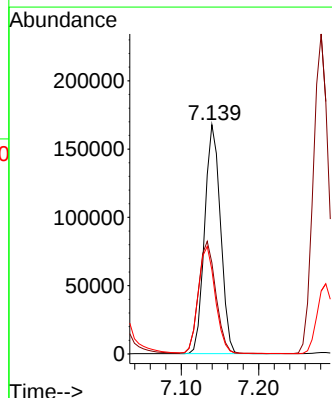
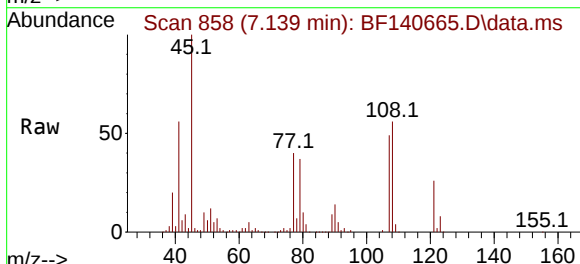
Instrument :
BNA_F
ClientSampleId :
MH-732MS

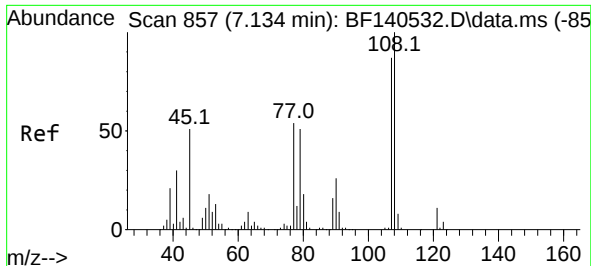
Tgt Ion: 79 Resp: 173973
Ion Ratio Lower Upper
79 100
108 70.0 55.0 82.6
77 62.5 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.177 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 45 Resp: 237478
Ion Ratio Lower Upper
45 100
77 39.7 10.7 50.7
79 36.6 7.0 47.0



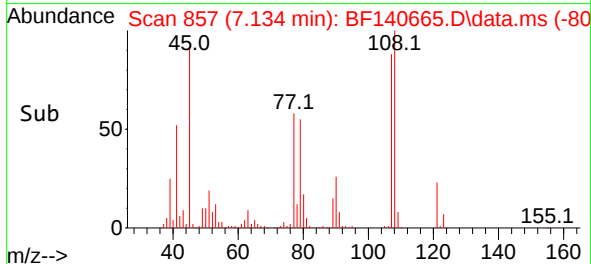
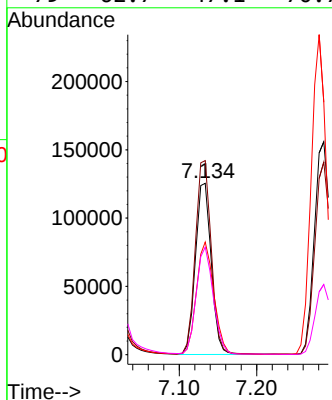
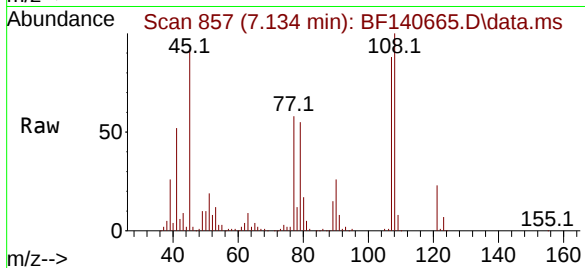


#17
2-Methylphenol
Concen: 52.158 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:107 Resp: 177720

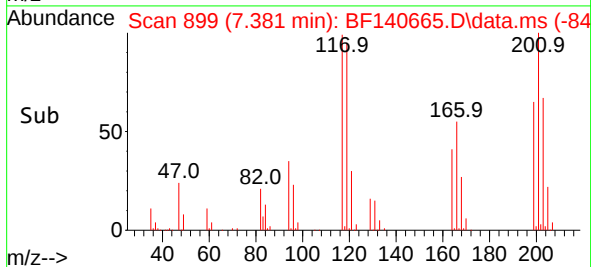
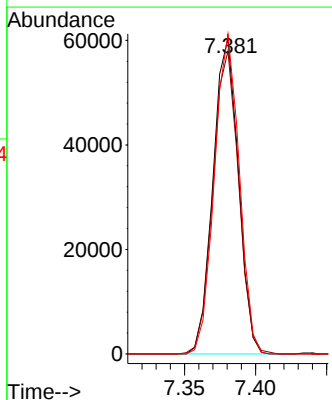
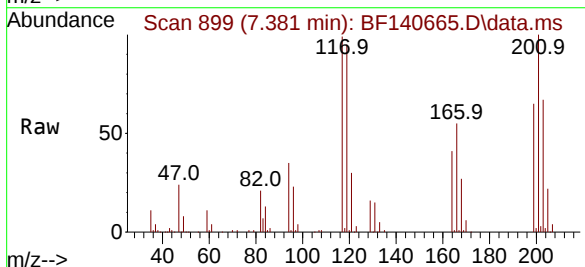
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	65.7	49.3	73.9
79	62.7	47.1	70.7



#18
Hexachloroethane
Concen: 41.419 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:117 Resp: 74916

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	101.5	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.317 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 70 Resp: 161724

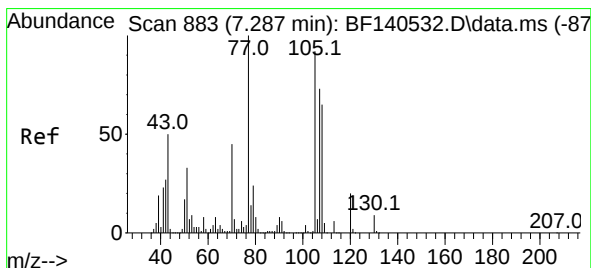
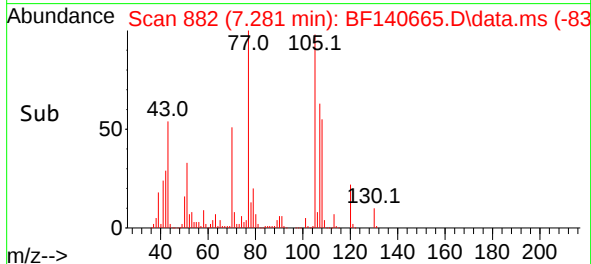
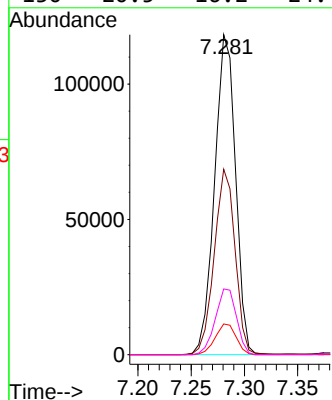
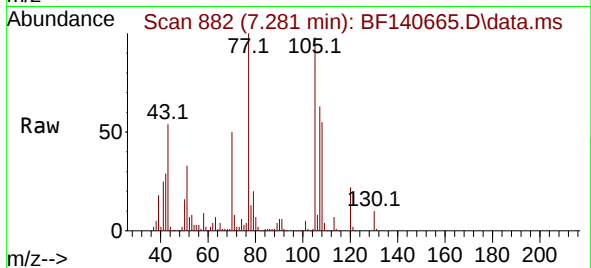
Ion Ratio Lower Upper

70 100

42 58.0 47.6 71.4

101 9.6 7.6 11.4

130 20.5 16.2 24.4



#20

3+4-Methylphenols

Concen: 54.211 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:107 Resp: 237422

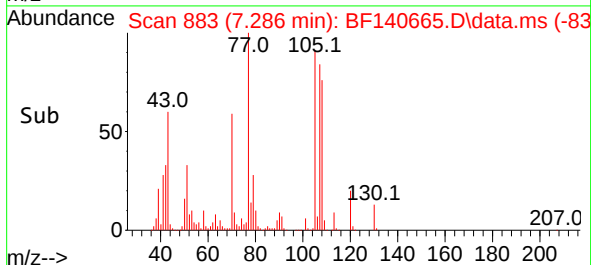
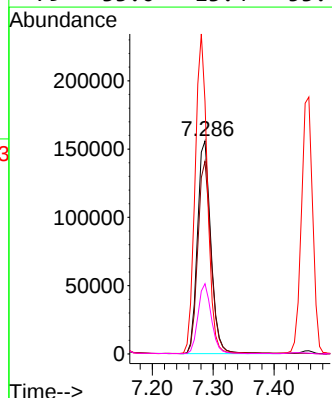
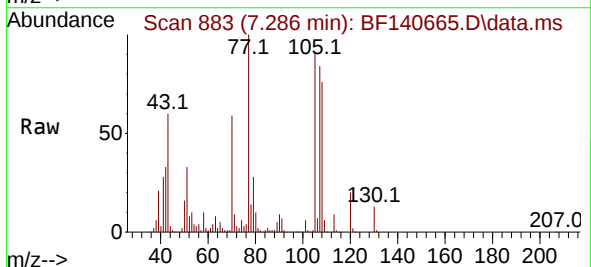
Ion Ratio Lower Upper

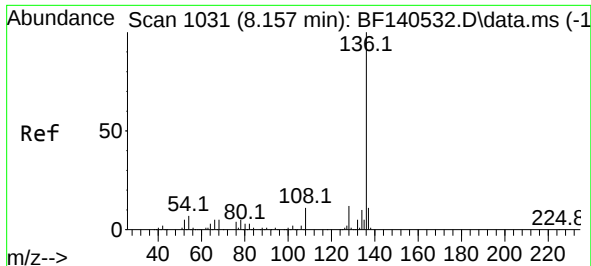
107 100

108 90.4 69.9 109.9

77 118.5 117.7 157.7

79 33.0 13.4 53.4

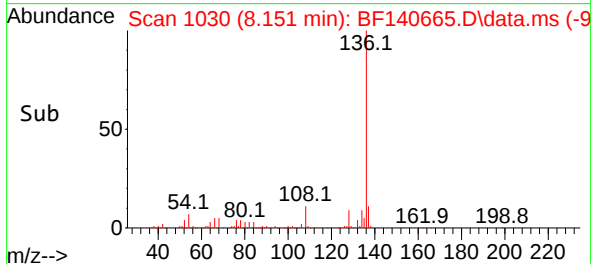
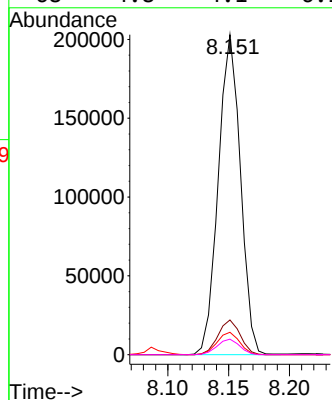
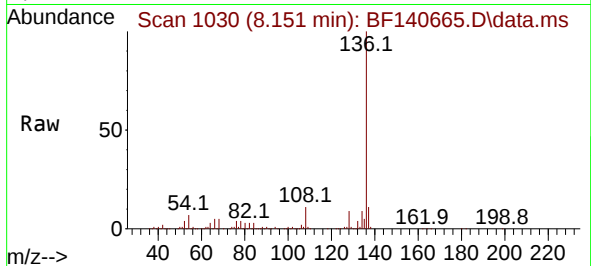




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

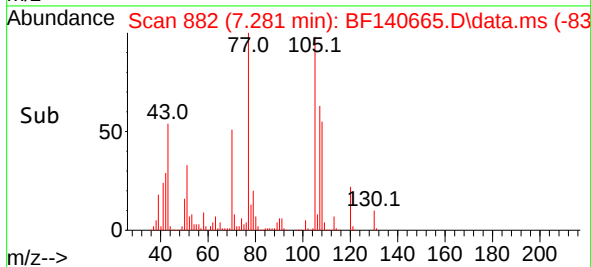
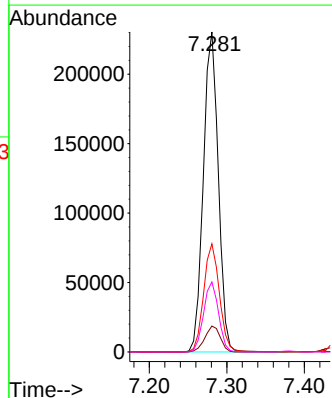
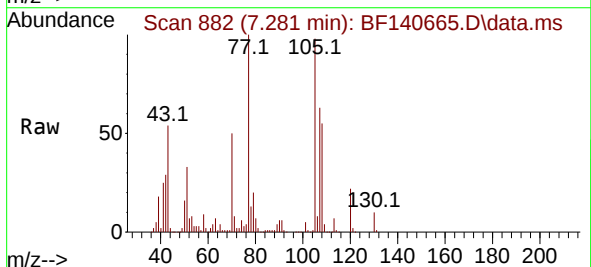
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:136 Resp: 257356
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 4.8 4.1 6.1



#22
Acetophenone
Concen: 49.161 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:105 Resp: 308447
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 33.8 29.0 43.6
120 21.9 17.4 26.0

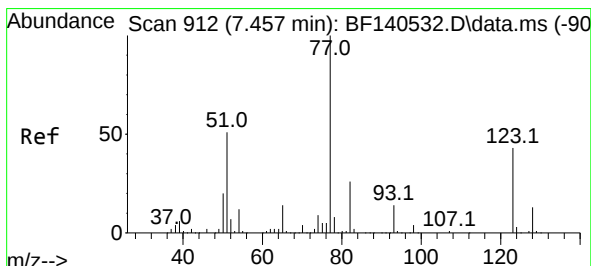
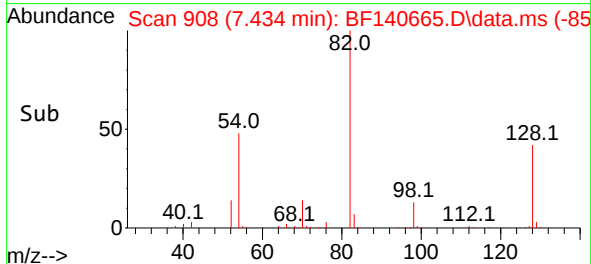
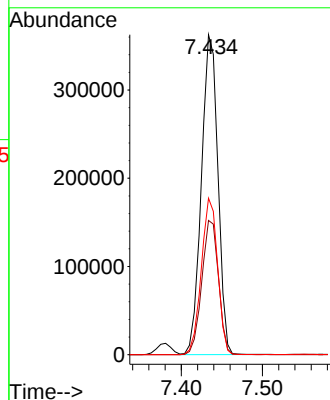
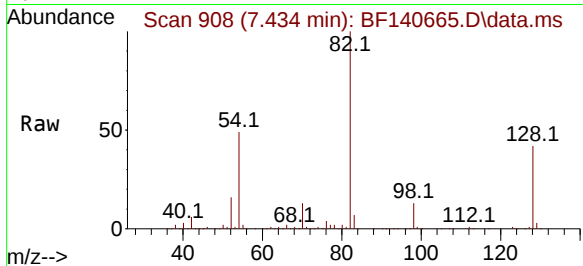




#23
Nitrobenzene-d5
Concen: 101.607 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

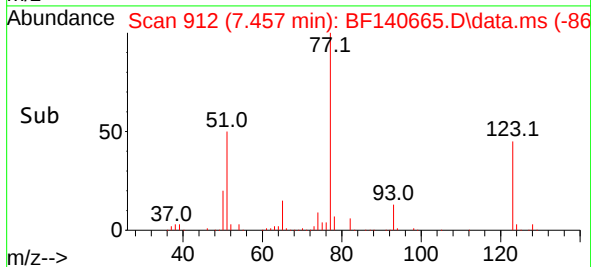
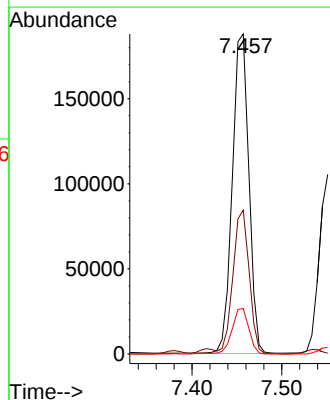
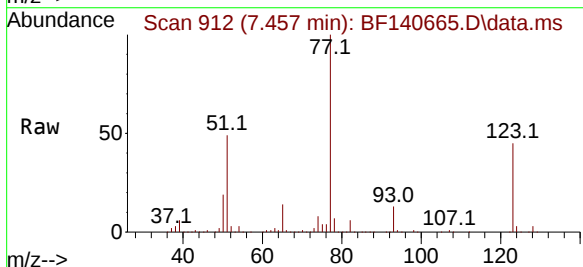
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 82 Resp: 511223
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.9 39.5 59.3



#24
Nitrobenzene
Concen: 46.306 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 77 Resp: 240796
Ion Ratio Lower Upper
77 100
123 44.9 34.3 51.5
65 14.2 11.2 16.8

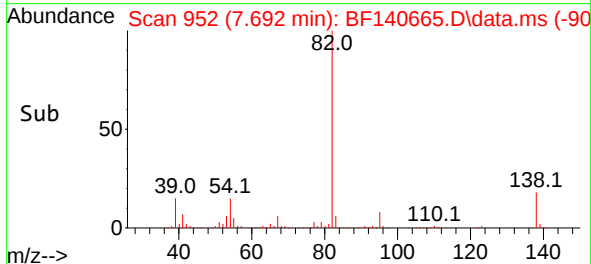
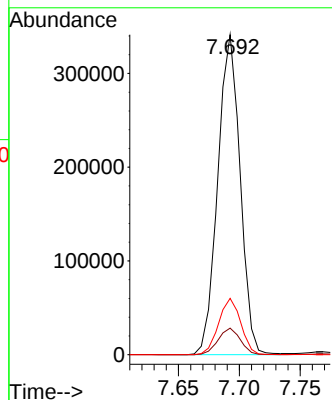
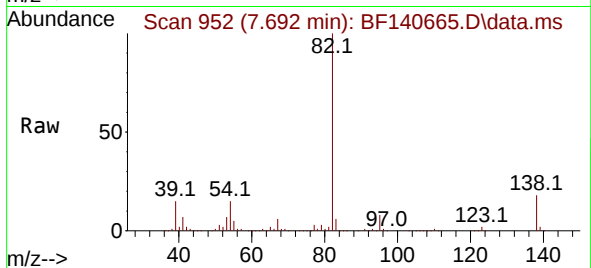




#25
Isophorone
Concen: 52.029 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

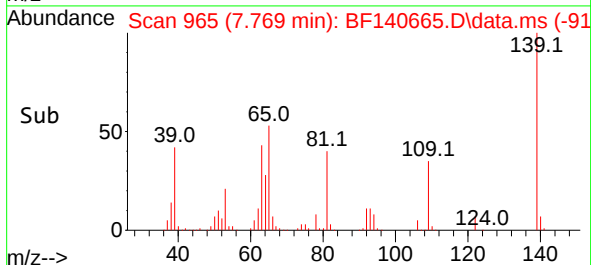
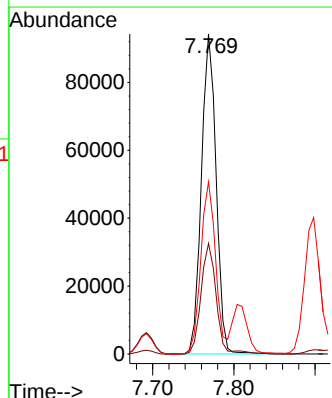
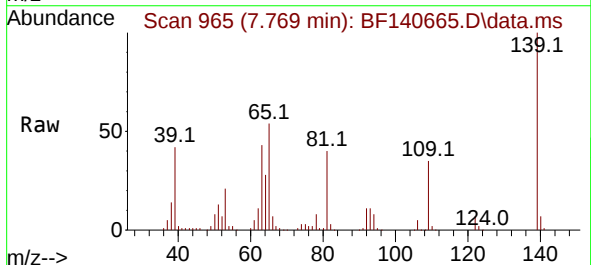
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 82 Resp: 436622
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 51.443 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:139 Resp: 118547
Ion Ratio Lower Upper
139 100
109 34.6 28.0 42.0
65 53.8 44.6 67.0

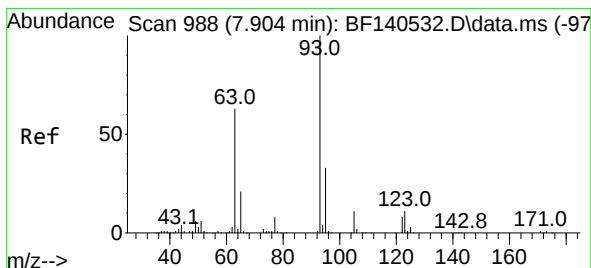
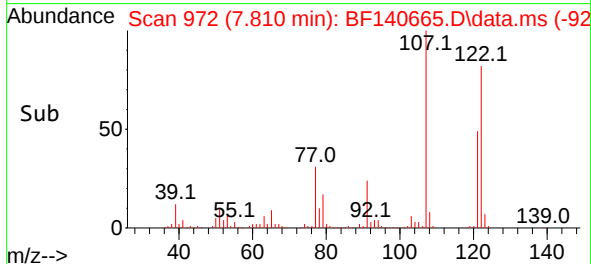
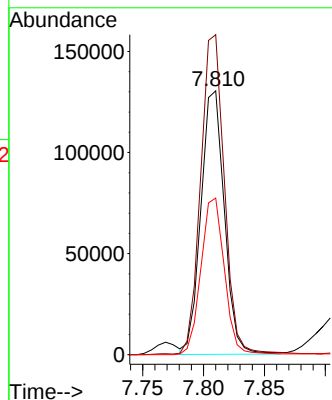
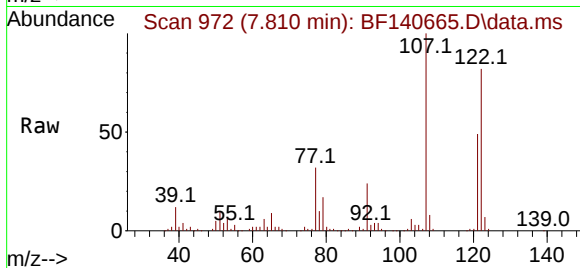




#27
2,4-Dimethylphenol
Concen: 63.276 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

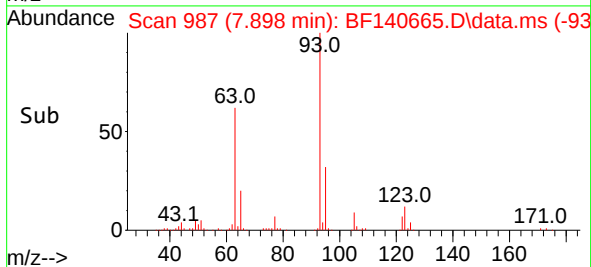
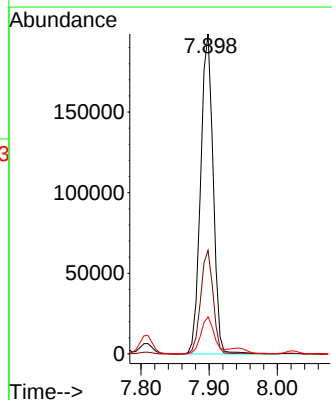
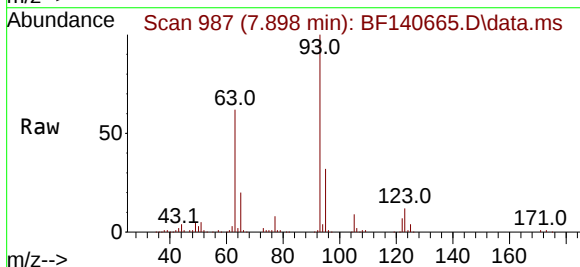
Instrument :
BNA_F
ClientSampleId :
MH-732MS

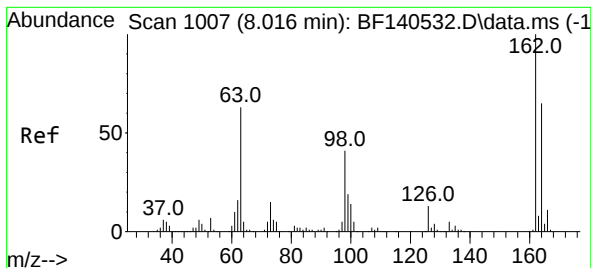
Tgt Ion:122 Resp: 174466
Ion Ratio Lower Upper
122 100
107 121.3 96.8 145.2
121 59.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.735 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 93 Resp: 254267
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.383 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

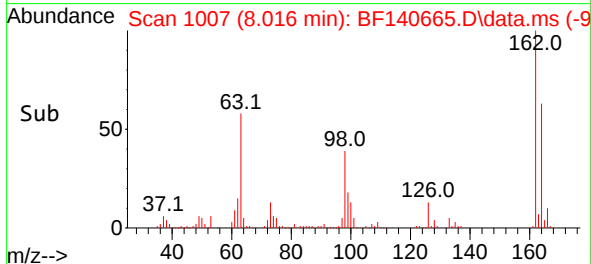
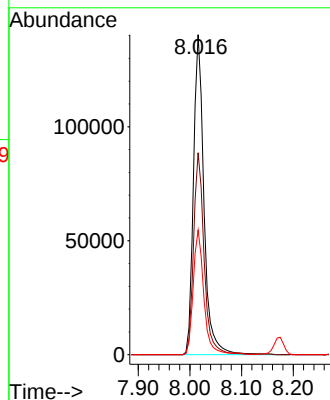
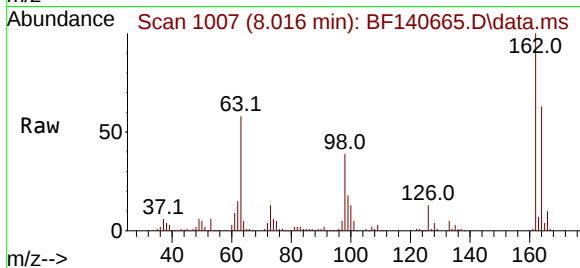
Tgt Ion:162 Resp: 198689

Ion Ratio Lower Upper

162 100

164 63.1 44.8 84.8

98 38.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 44.979 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

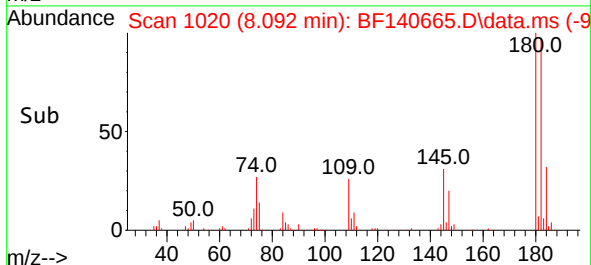
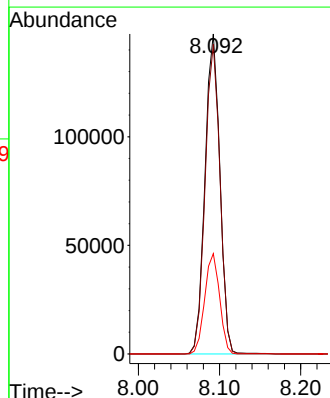
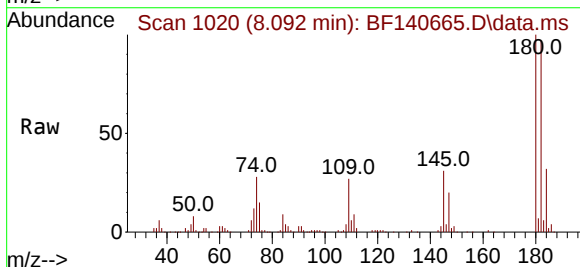
Tgt Ion:180 Resp: 187628

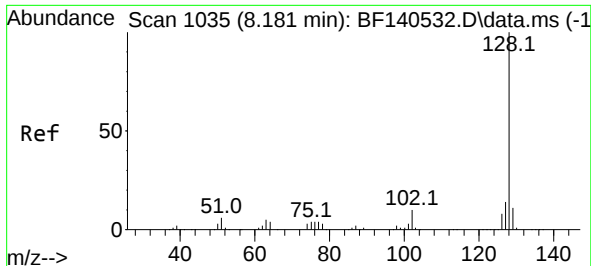
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 31.3 25.9 38.9

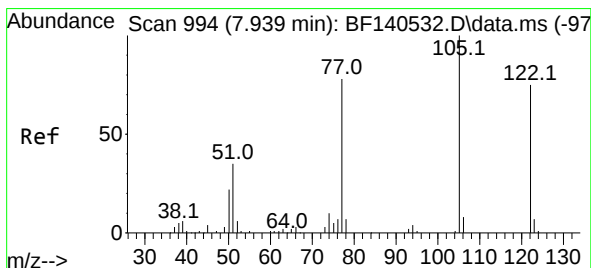
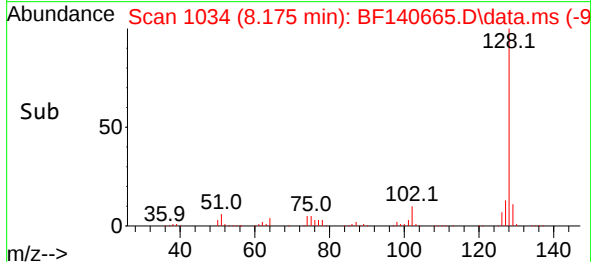
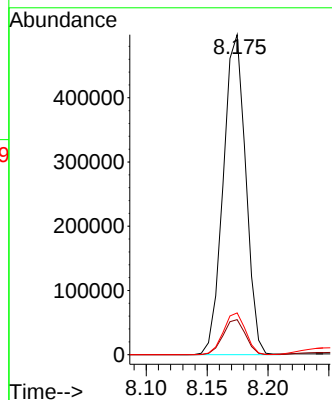
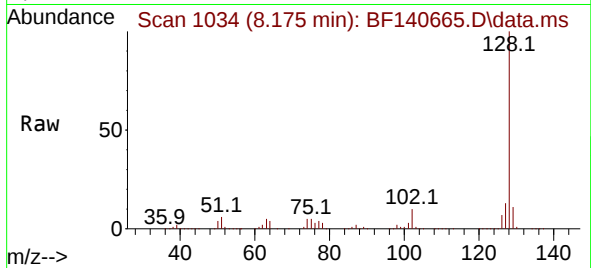




#31
Naphthalene
Concen: 48.245 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

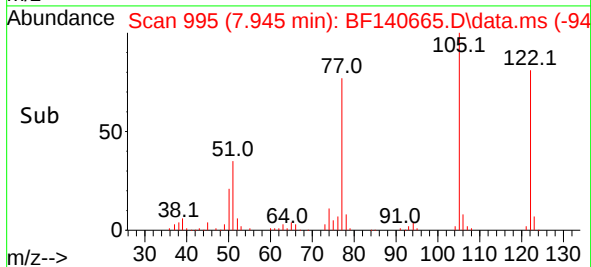
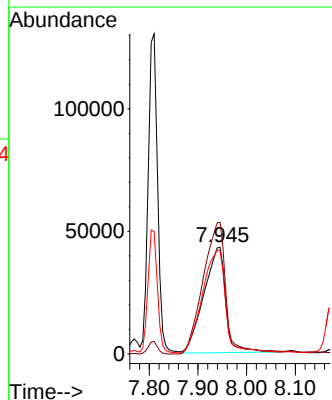
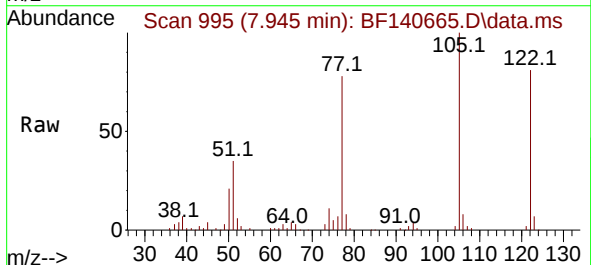
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:128 Resp: 639545
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 54.548 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:122 Resp: 133651
Ion Ratio Lower Upper
122 100
105 123.4 109.3 149.3
77 96.8 82.3 122.3

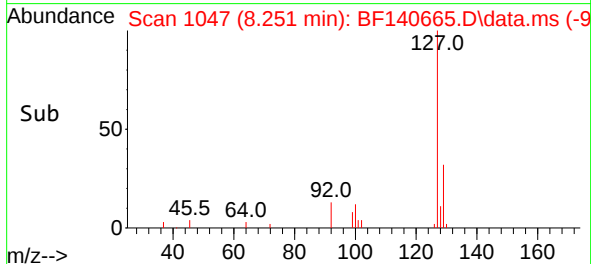
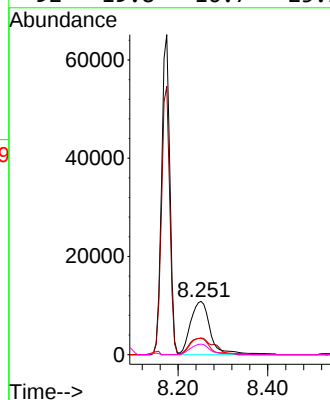
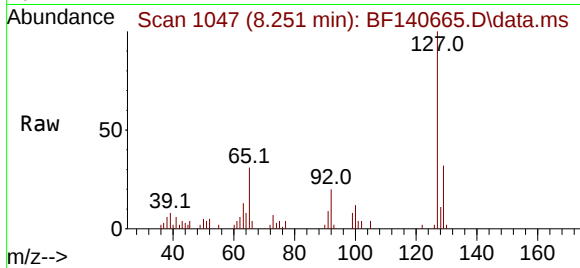




#33
4-Chloroaniline
Concen: 8.480 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.023 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

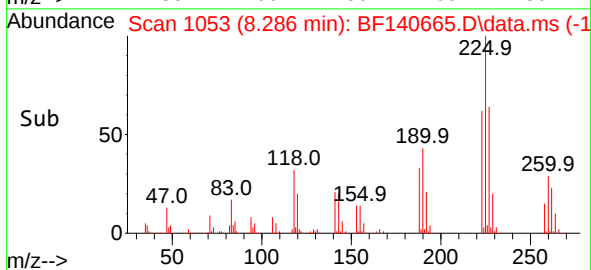
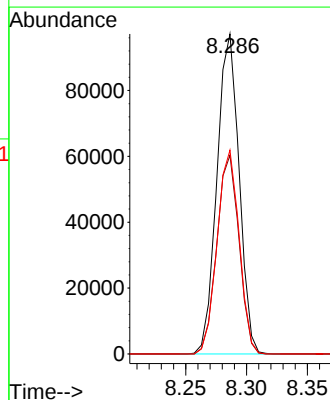
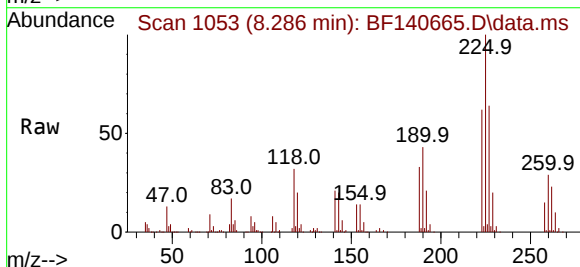
Instrument :
BNA_F
ClientSampleId :
MH-732MS

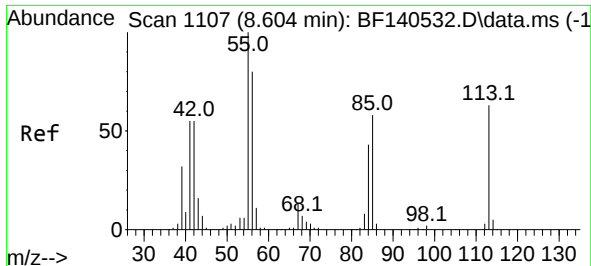
Tgt Ion:	127	Resp:	33657
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	30.5	26.0	39.0
92	19.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.561 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:	225	Resp:	123122
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	63.7	51.3	76.9

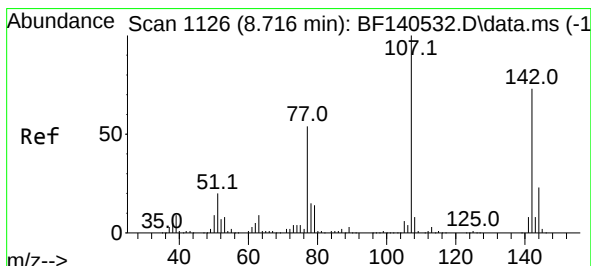
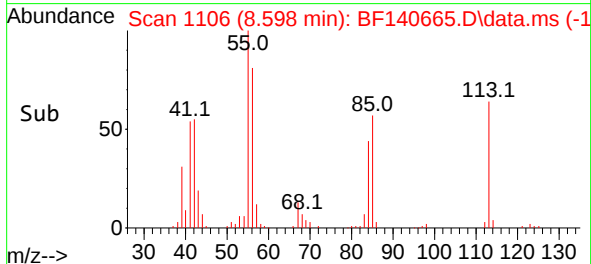
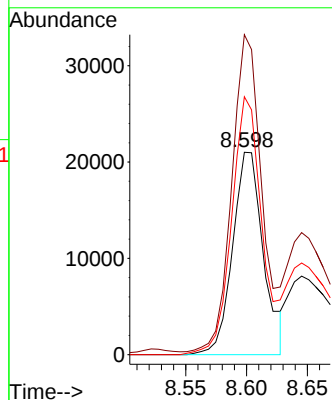
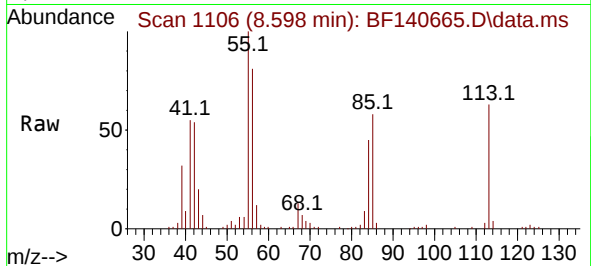




#35
 Caprolactam
 Concen: 32.538 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140665.D
 Acq: 27 Nov 2024 13:11

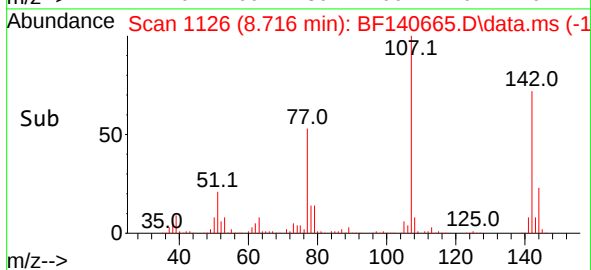
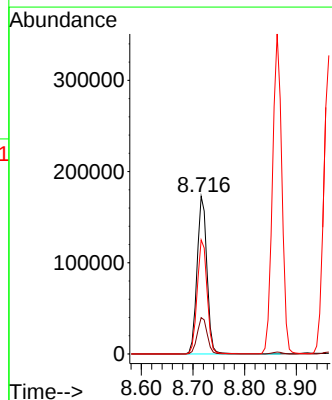
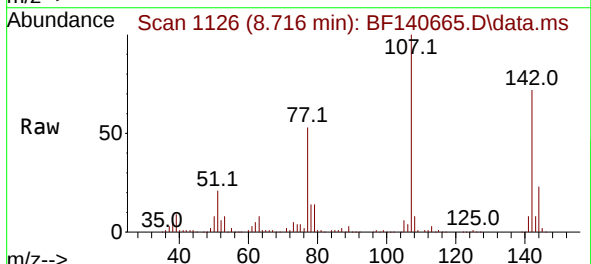
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

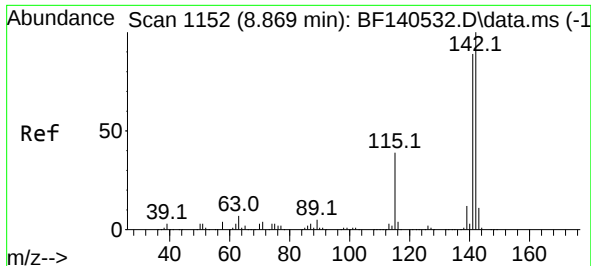
Tgt Ion:113 Resp: 36789
 Ion Ratio Lower Upper
 113 100
 55 158.1 137.7 177.7
 56 127.5 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 56.170 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140665.D
 Acq: 27 Nov 2024 13:11

Tgt Ion:107 Resp: 229769
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.7 28.1
 142 72.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 52.333 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

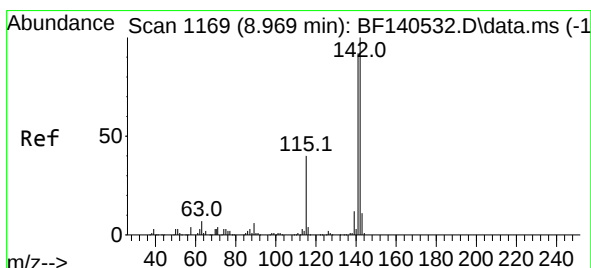
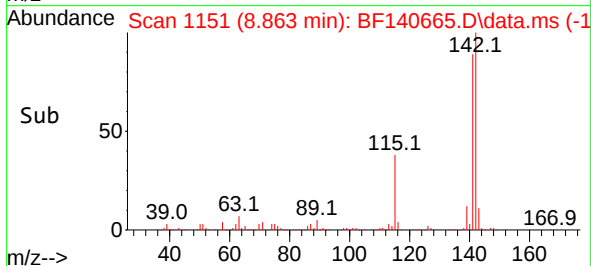
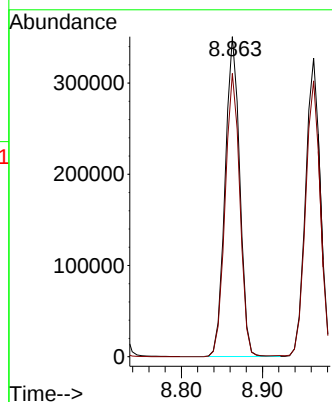
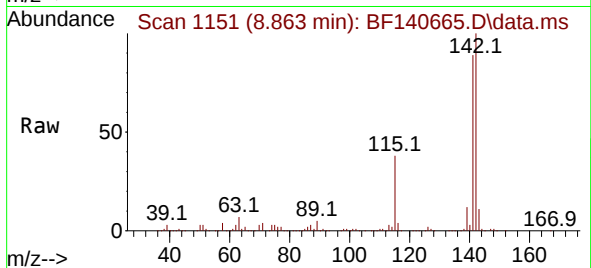
MH-732MS

Tgt Ion:142 Resp: 440632

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.867 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140665.D

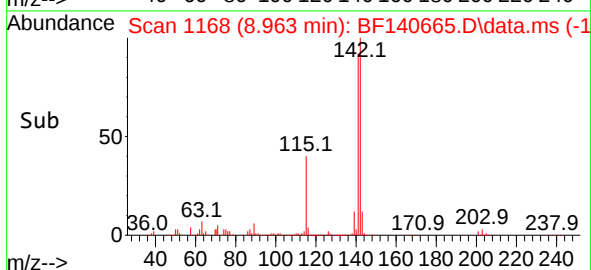
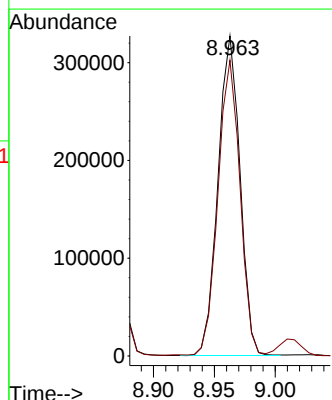
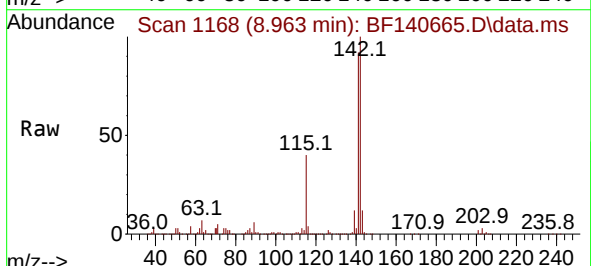
Acq: 27 Nov 2024 13:11

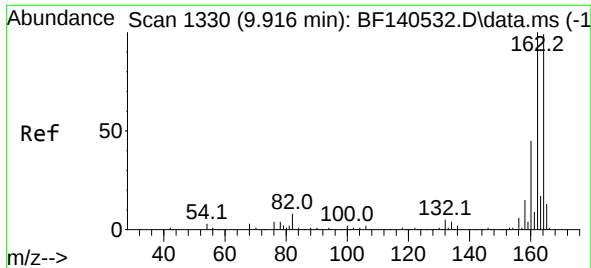
Tgt Ion:142 Resp: 411551

Ion Ratio Lower Upper

142 100

141 92.4 73.3 109.9

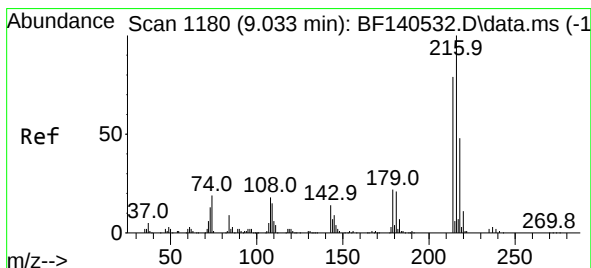
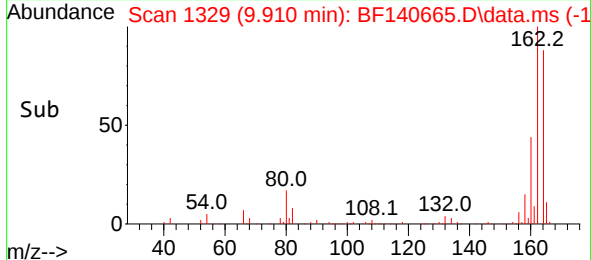
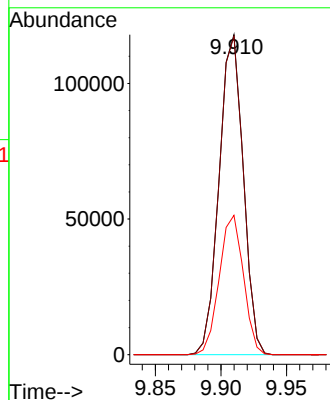
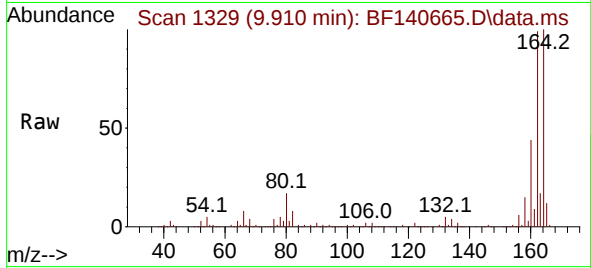




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

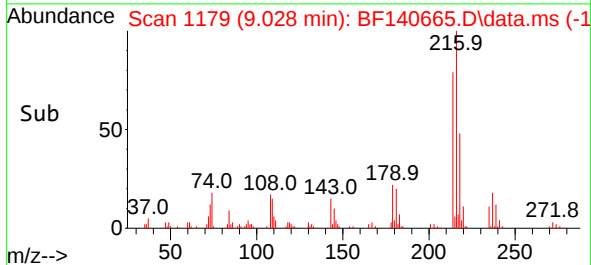
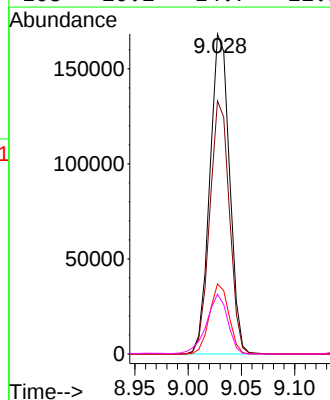
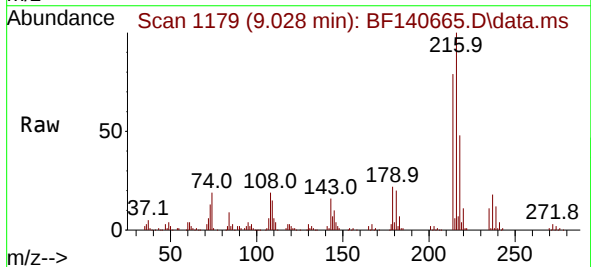
Instrument :
BNA_F
ClientSampleId :
MH-732MS

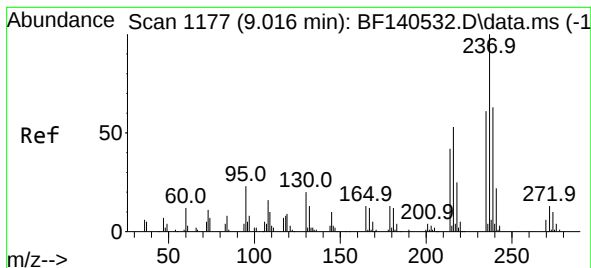
Tgt Ion:164 Resp: 150981
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 43.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.860 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:216 Resp: 215962
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 21.5 17.5 26.3
108 20.2 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 168.986 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

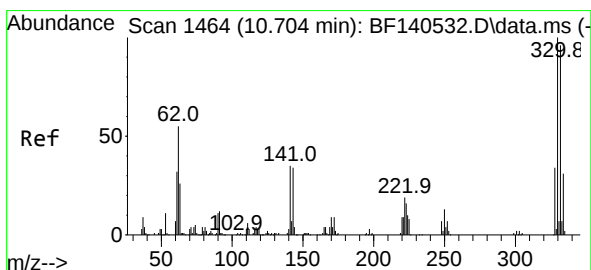
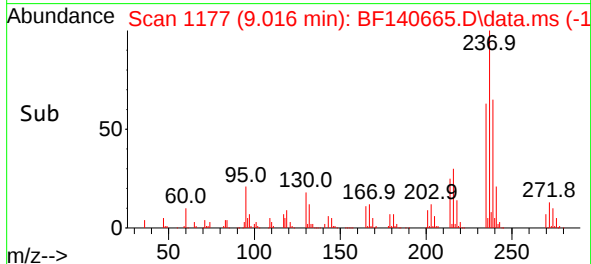
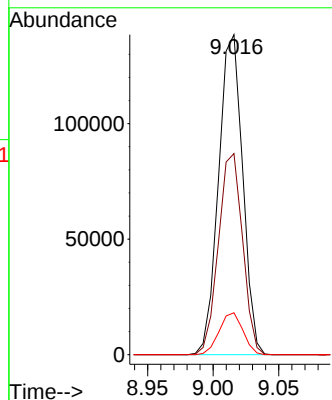
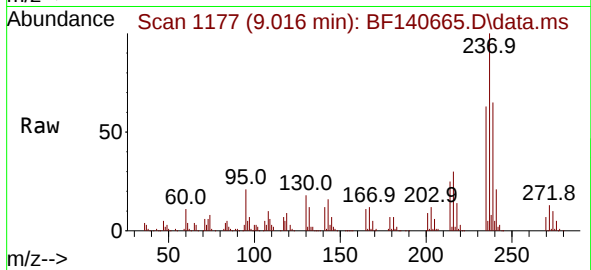
Tgt Ion:237 Resp: 176756

Ion Ratio Lower Upper

237 100

235 62.9 41.1 81.1

272 13.1 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 164.535 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

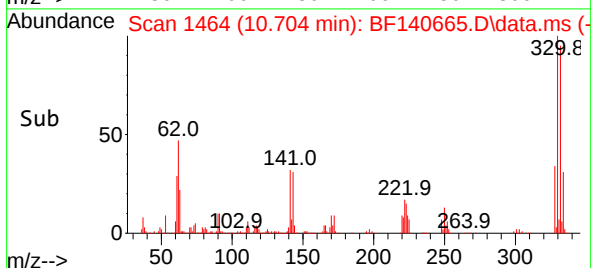
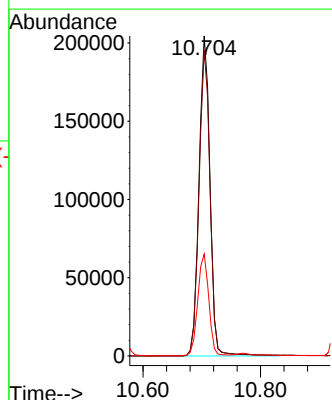
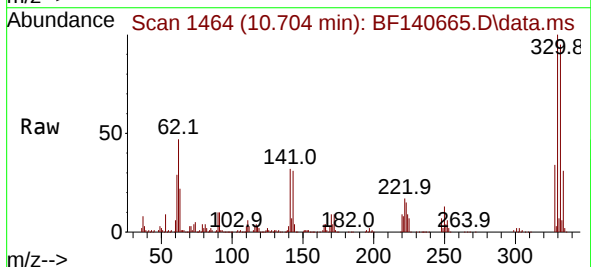
Tgt Ion:330 Resp: 265684

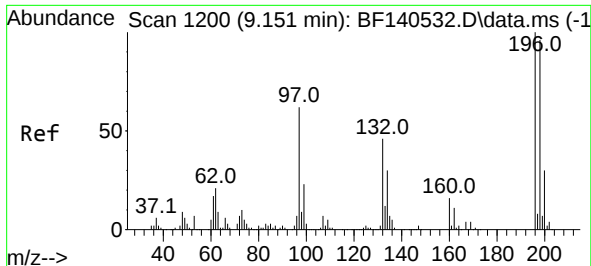
Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 31.6 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 54.271 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

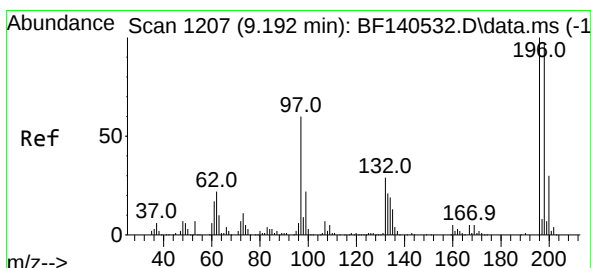
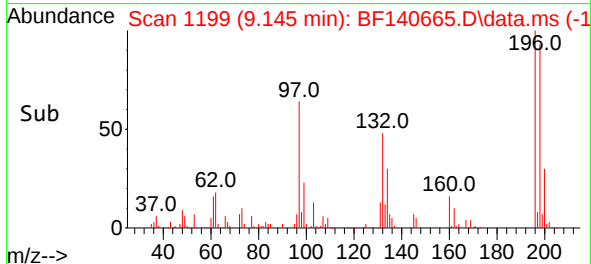
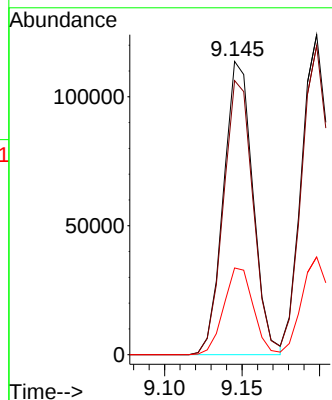
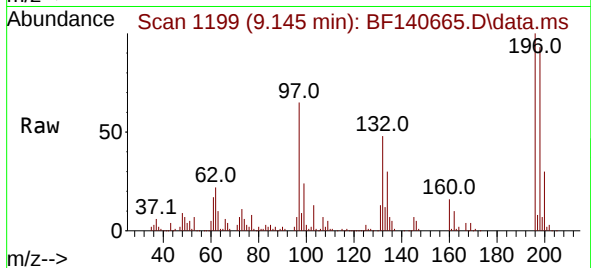
Tgt Ion:196 Resp: 150521

Ion Ratio Lower Upper

196 100

198 93.4 76.8 115.2

200 29.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 53.920 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:196 Resp: 162302

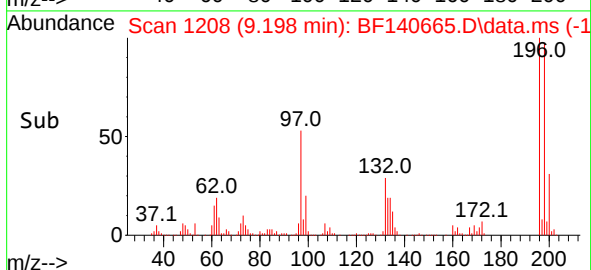
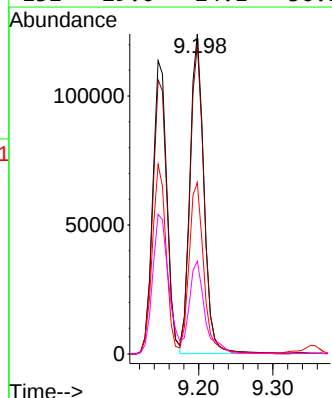
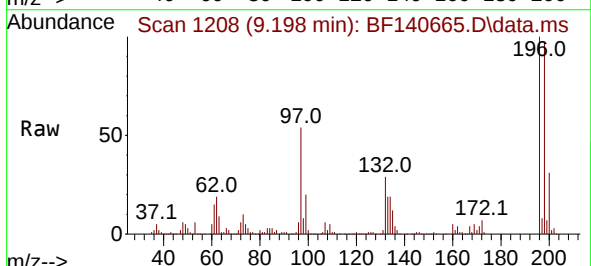
Ion Ratio Lower Upper

196 100

198 96.6 77.2 115.8

97 53.6 47.1 70.7

132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 100.320 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

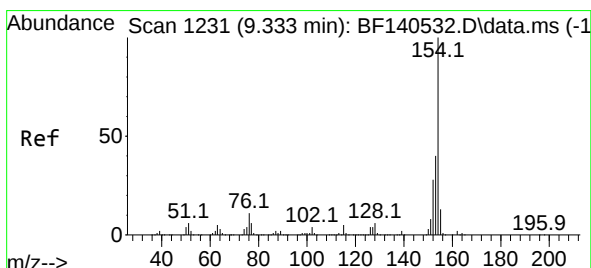
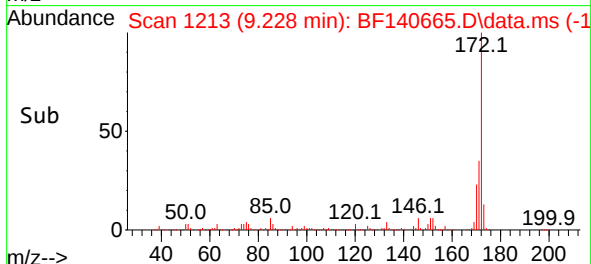
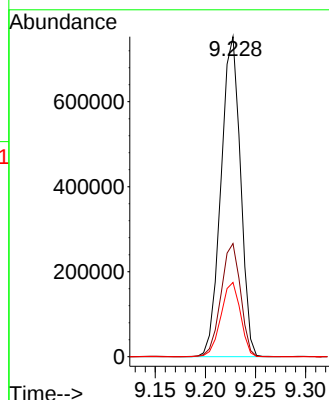
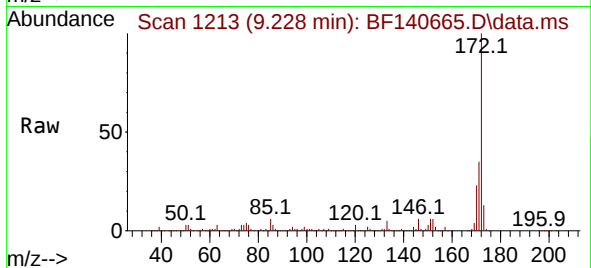
Tgt Ion:172 Resp: 1016572

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.742 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

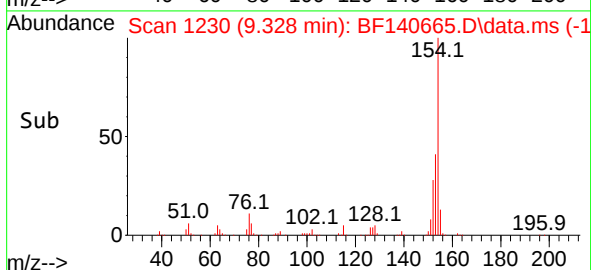
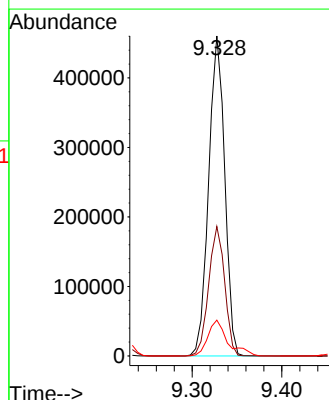
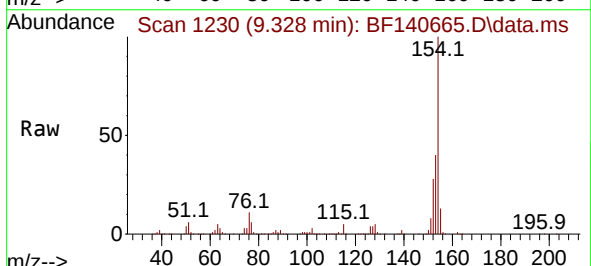
Tgt Ion:154 Resp: 571981

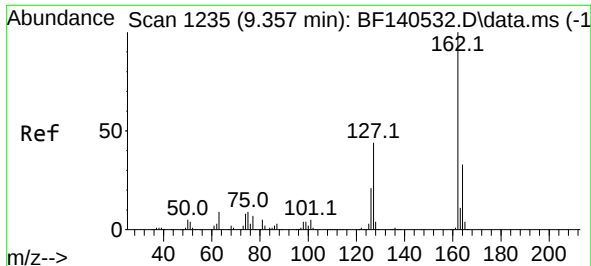
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.2 0.0 31.2

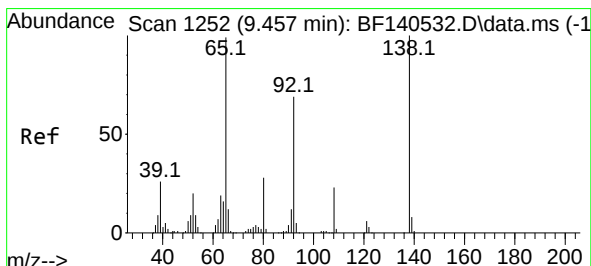
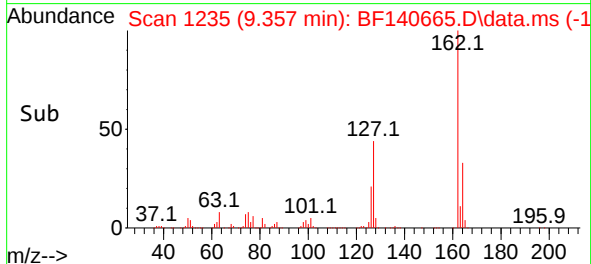
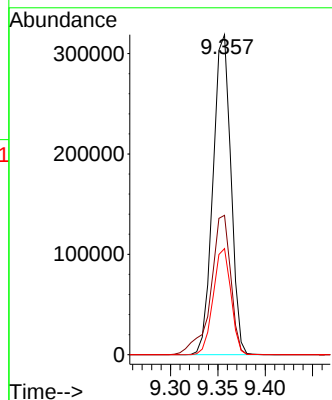
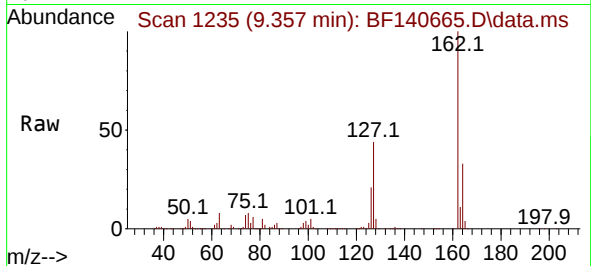




#47
2-Chloronaphthalene
Concen: 49.005 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

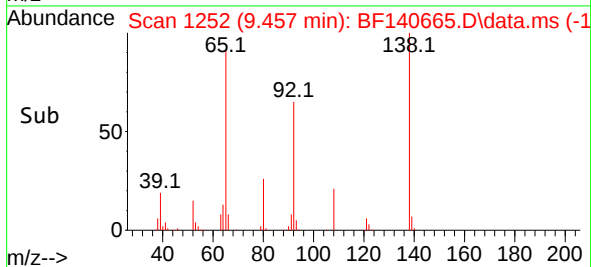
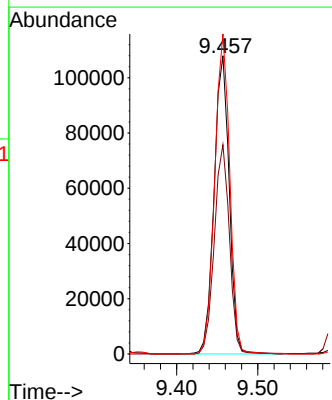
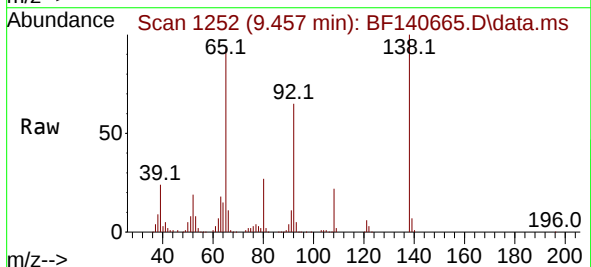
Instrument :
BNA_F
ClientSampleId :
MH-732MS

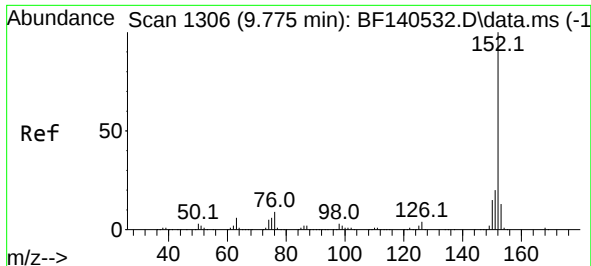
Tgt Ion:162 Resp: 418566
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 50.944 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 65 Resp: 139668
Ion Ratio Lower Upper
65 100
92 70.2 56.1 84.1
138 107.3 81.0 121.6





#49

Acenaphthylene

Concen: 54.976 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

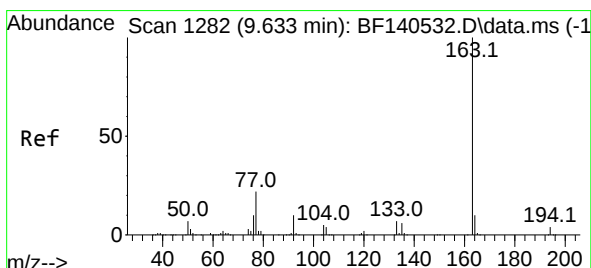
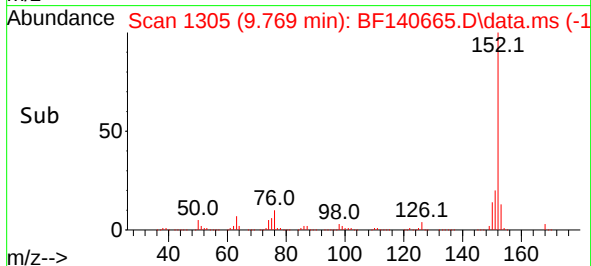
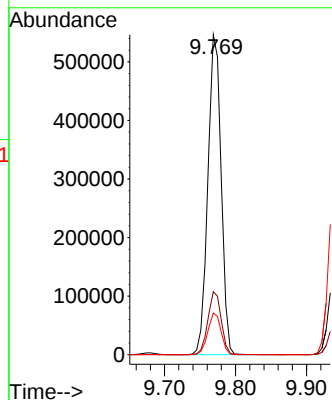
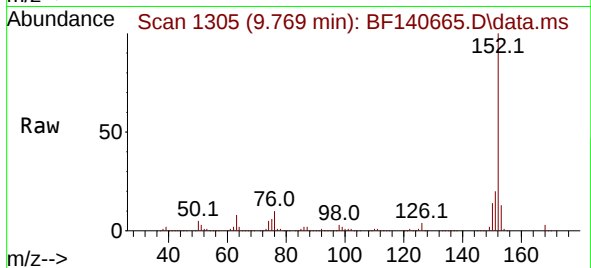
Tgt Ion:152 Resp: 709484

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 55.576 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

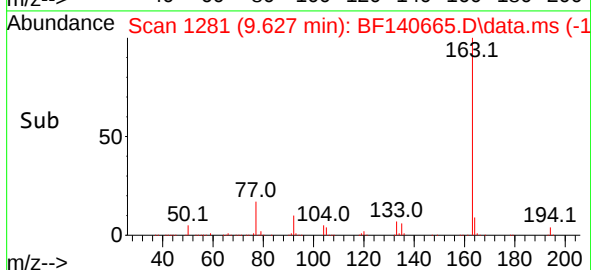
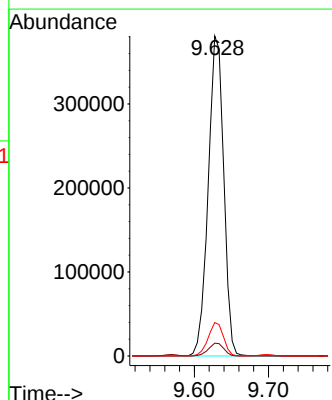
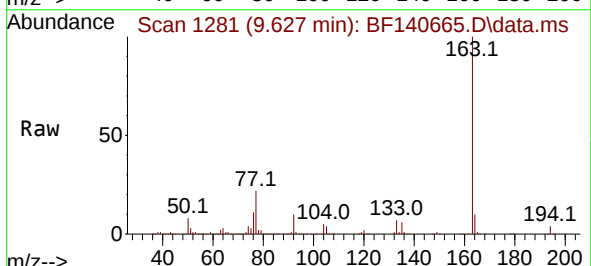
Tgt Ion:163 Resp: 552625

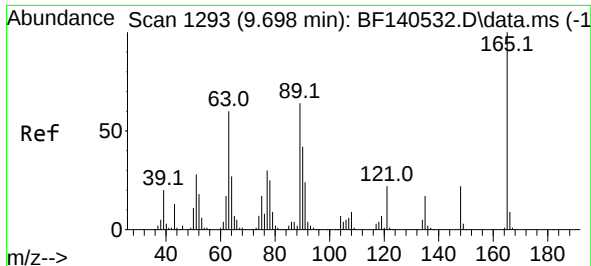
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.2

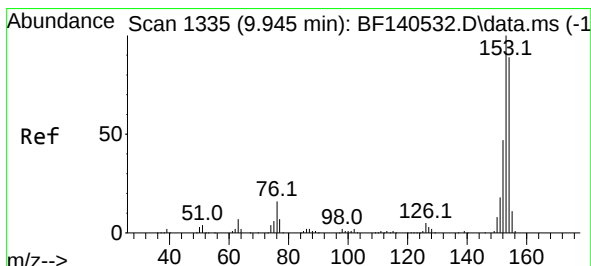
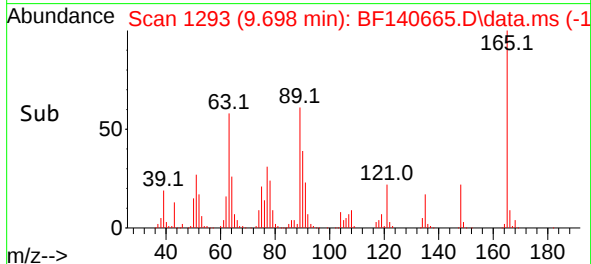
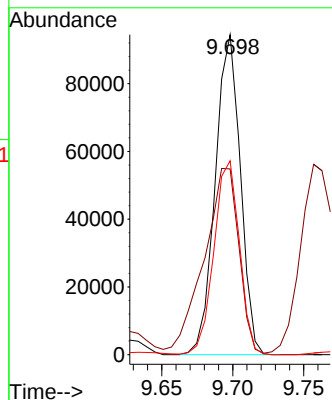
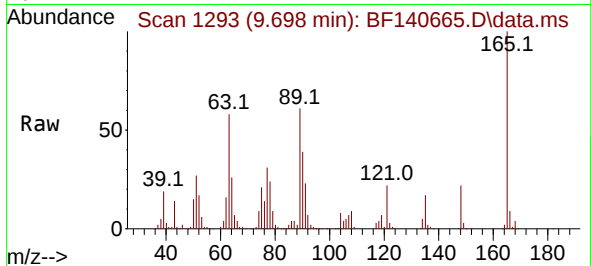




#51
2,6-Dinitrotoluene
Concen: 51.486 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

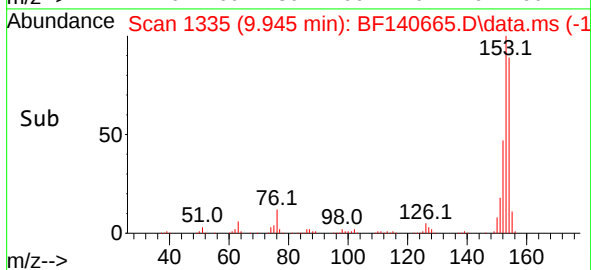
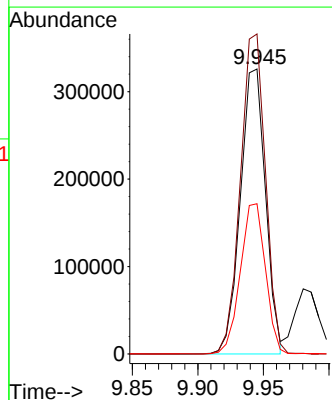
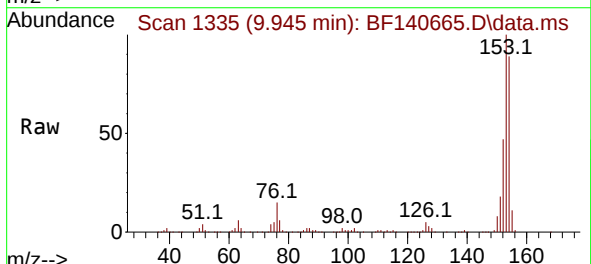
Instrument :
BNA_F
ClientSampleId :
MH-732MS

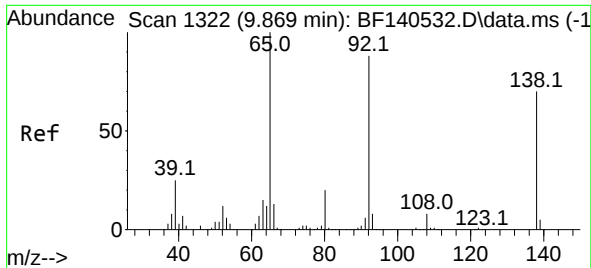
Tgt Ion:165 Resp: 116107
Ion Ratio Lower Upper
165 100
63 58.1 49.9 74.9
89 60.6 50.9 76.3



#52
Acenaphthene
Concen: 53.093 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:154 Resp: 435357
Ion Ratio Lower Upper
154 100
153 112.3 89.7 134.5
152 52.7 42.5 63.7

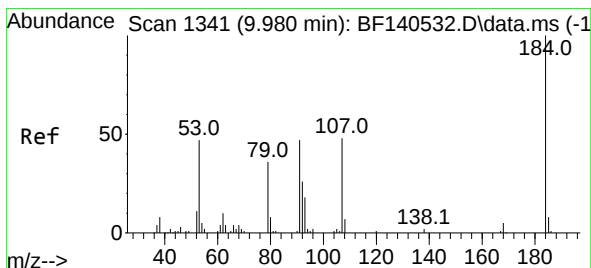
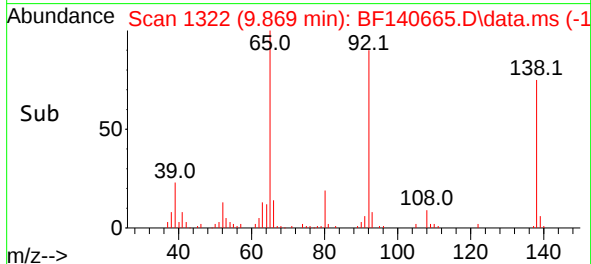
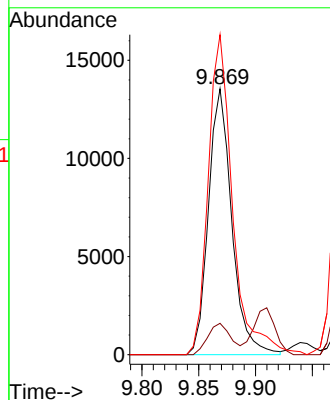
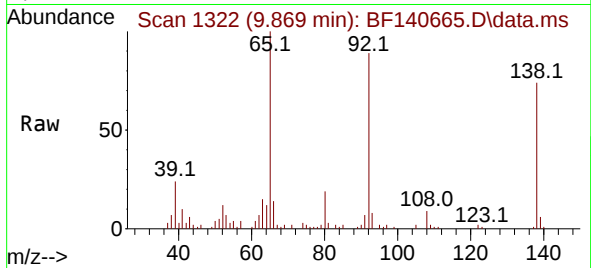




#53
3-Nitroaniline
Concen: 8.787 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

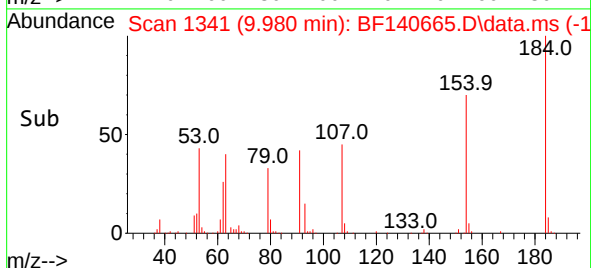
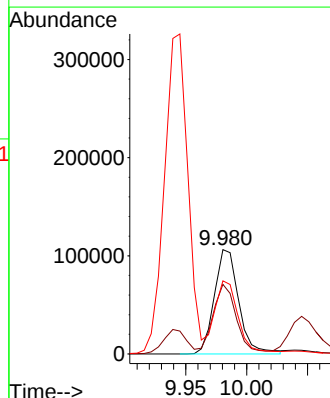
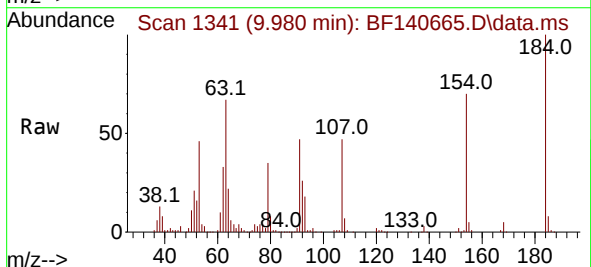
Instrument :
BNA_F
ClientSampleId :
MH-732MS

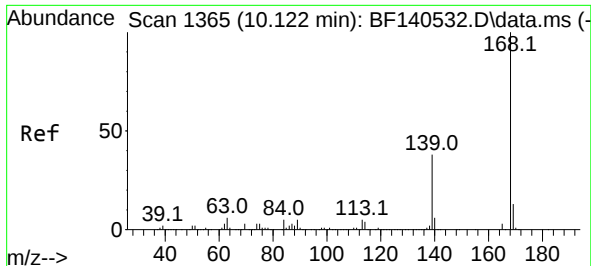
Tgt Ion:138 Resp: 19381
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 120.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 122.598 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:184 Resp: 148581
Ion Ratio Lower Upper
184 100
63 66.8 54.1 81.1
154 70.1 57.4 86.0

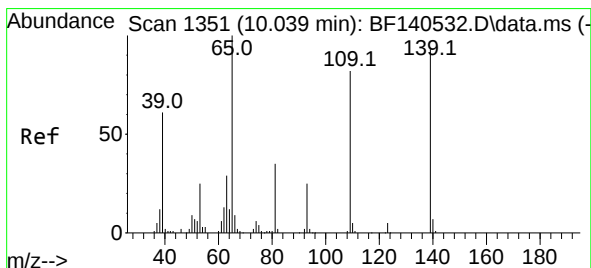
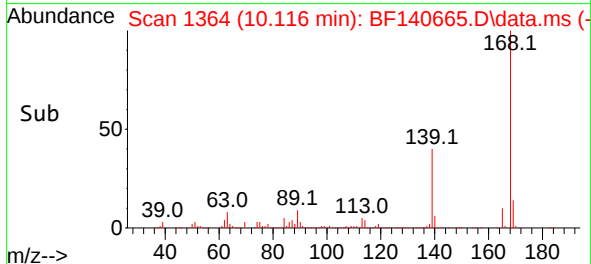
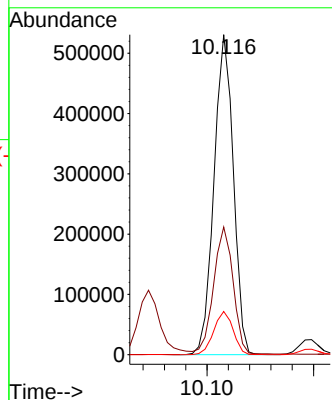
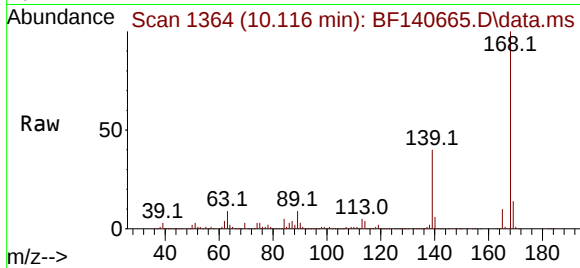




#55
Dibenzenofuran
Concen: 53.430 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

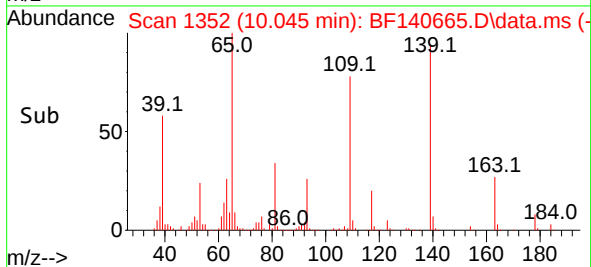
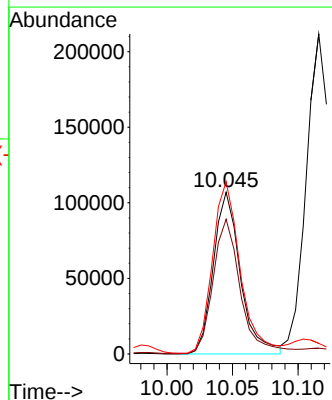
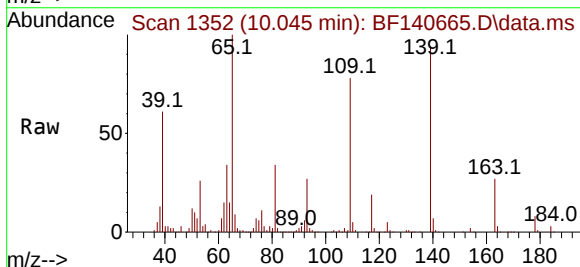
Instrument :
BNA_F
ClientSampleId :
MH-732MS

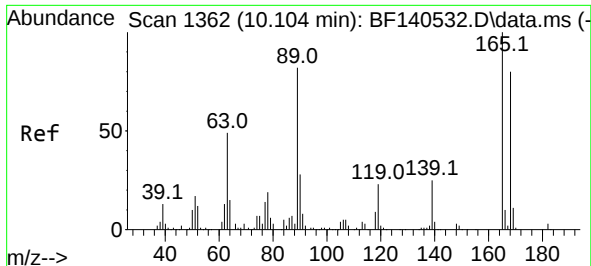
Tgt Ion:168 Resp: 668276
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 102.205 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:139 Resp: 153740
Ion Ratio Lower Upper
139 100
109 83.3 68.4 108.4
65 106.6 88.6 128.6

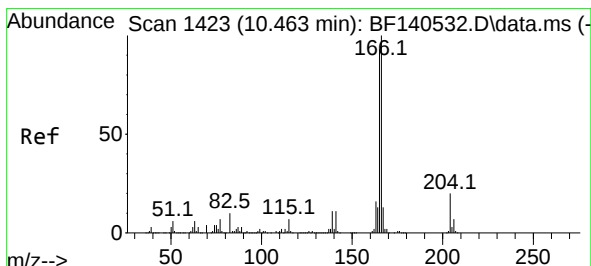
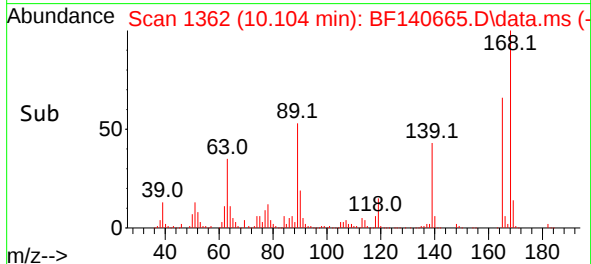
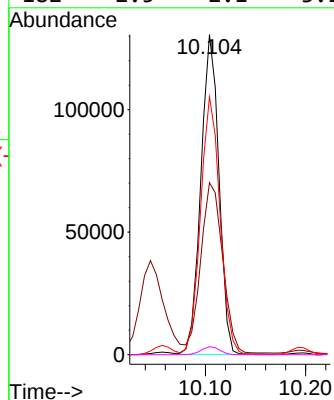
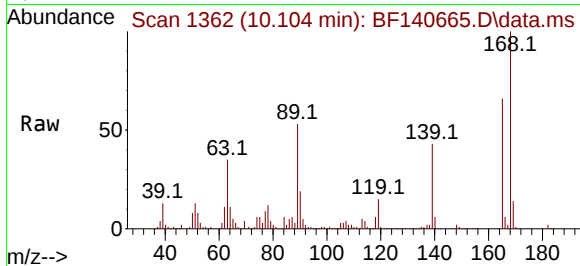




#57
2,4-Dinitrotoluene
Concen: 54.429 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

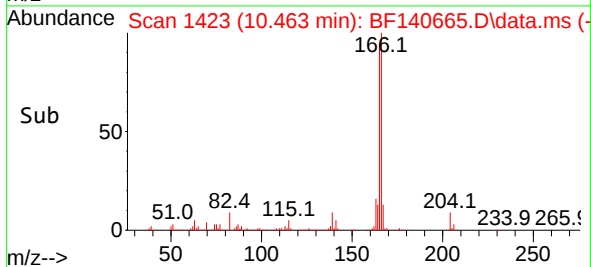
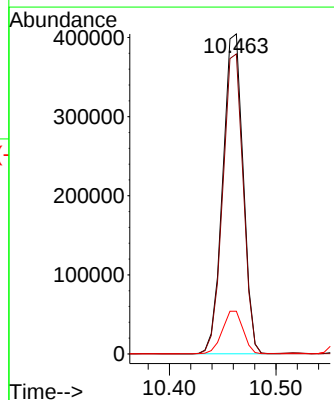
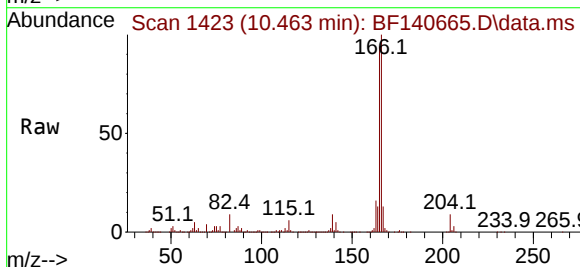
Instrument :
BNA_F
ClientSampleId :
MH-732MS

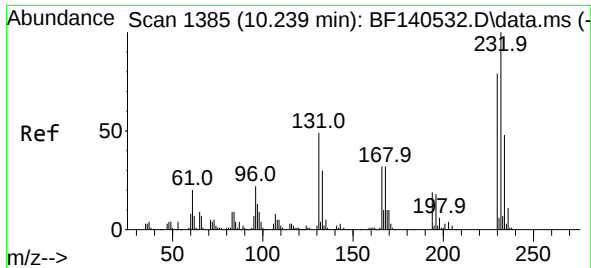
Tgt Ion:165 Resp: 163133
Ion Ratio Lower Upper
165 100
63 53.8 41.7 62.5
89 80.6 65.8 98.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 53.449 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

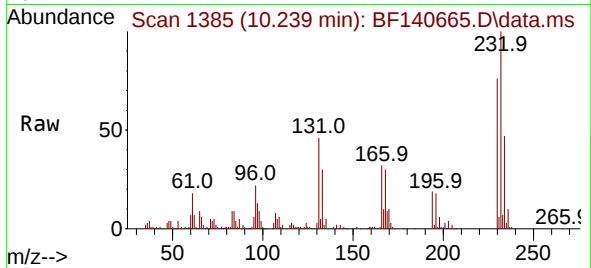
Tgt Ion:166 Resp: 536603
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.3 10.6 16.0



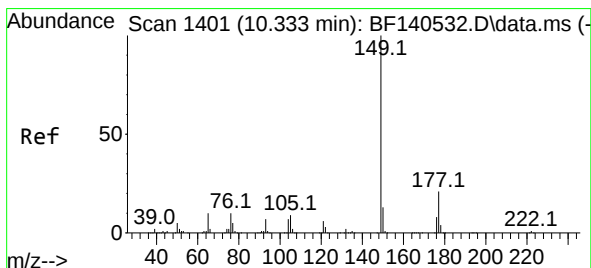
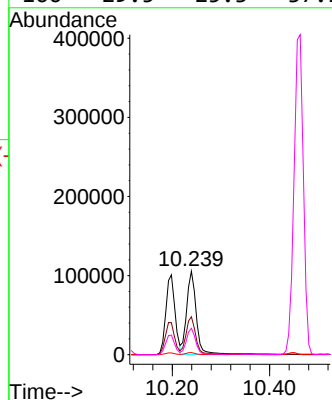
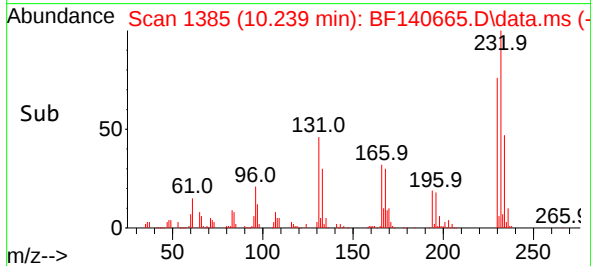


#59
2,3,4,6-Tetrachlorophenol
Concen: 63.029 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

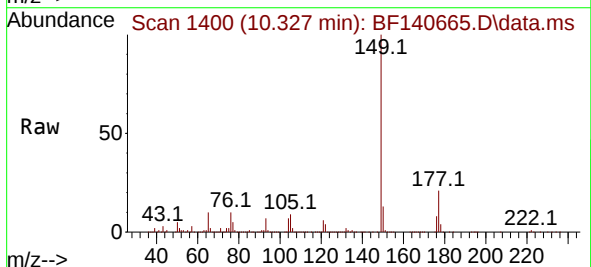
Instrument :
BNA_F
ClientSampleId :
MH-732MS



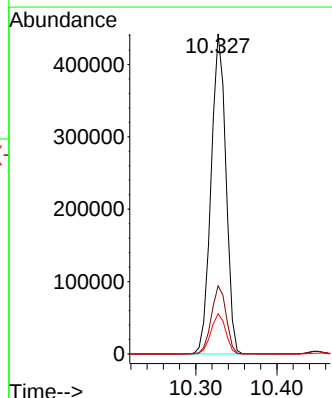
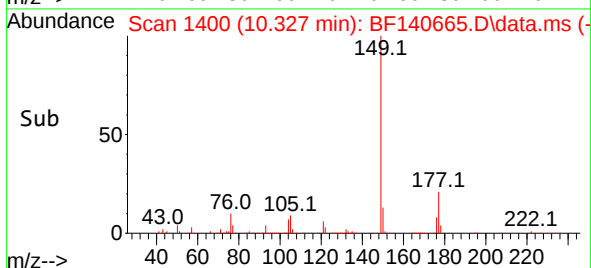
Tgt Ion:232 Resp: 145806
Ion Ratio Lower Upper
232 100
131 43.4 39.6 59.4
130 2.7 1.9 2.9
166 29.5 25.3 37.9

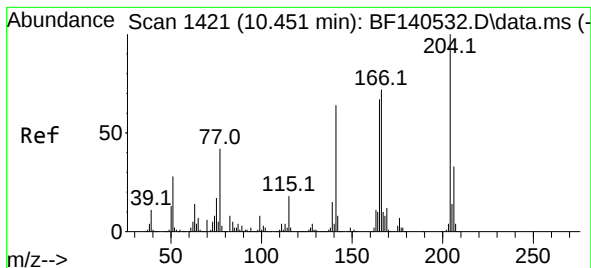


#60
Diethylphthalate
Concen: 55.389 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:149 Resp: 559584
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 10.1 15.1

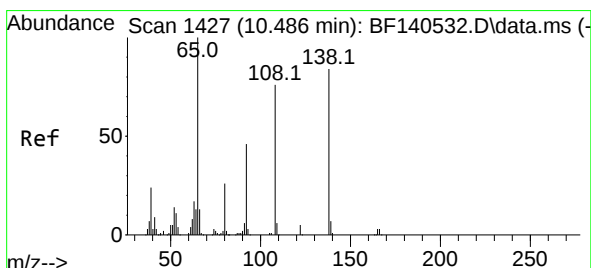
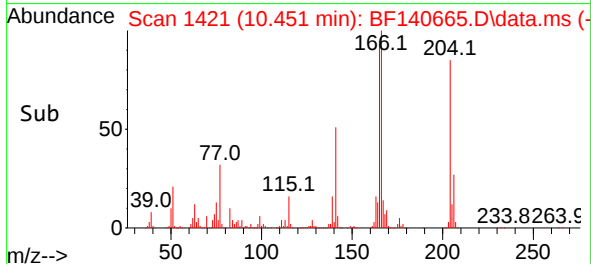
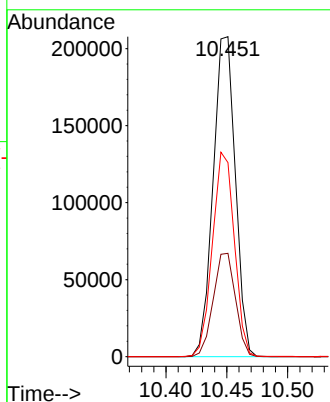
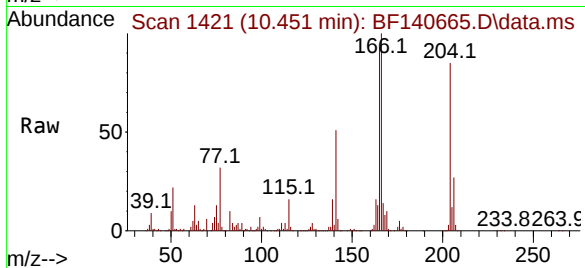




#61
4-Chlorophenyl-phenylether
Concen: 53.646 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

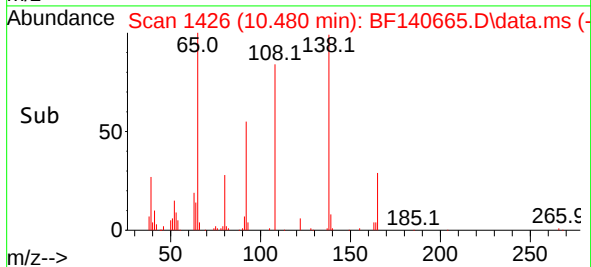
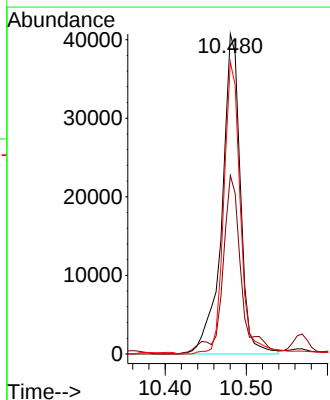
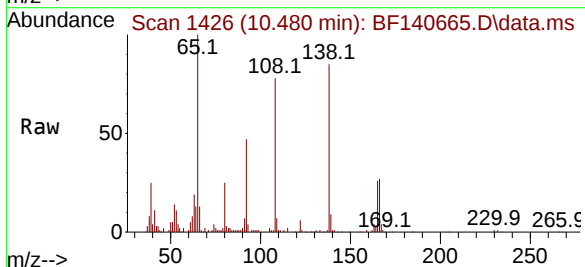
Instrument :
BNA_F
ClientSampleId :
MH-732MS

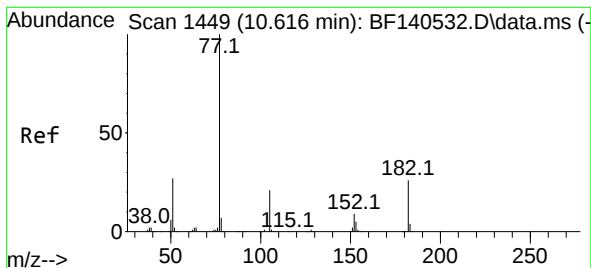
Tgt Ion:204 Resp: 264310
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 60.7 51.1 76.7



#62
4-Nitroaniline
Concen: 27.804 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:138 Resp: 64320
Ion Ratio Lower Upper
138 100
92 55.7 34.5 74.5
108 91.2 70.6 110.6





#63

Azobenzene

Concen: 51.274 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 77 Resp: 490553

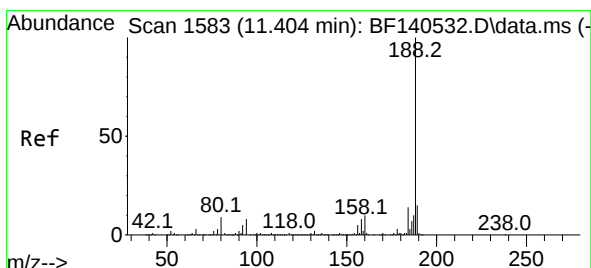
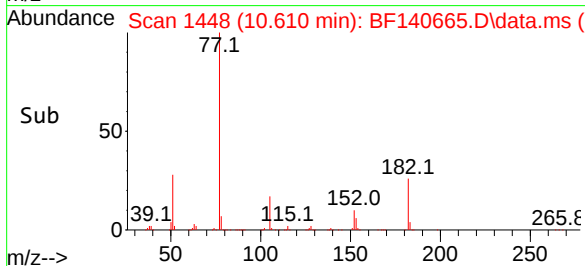
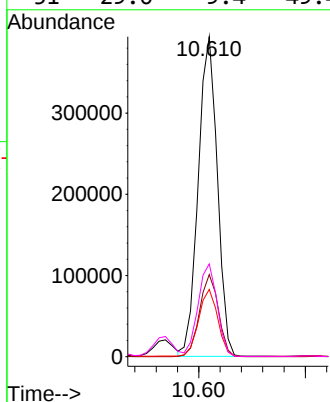
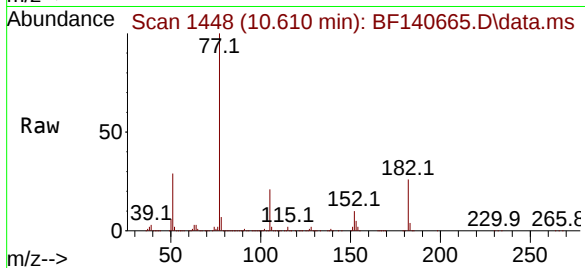
Ion Ratio Lower Upper

77 100

182 25.7 5.3 45.3

105 21.0 0.3 40.3

51 29.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

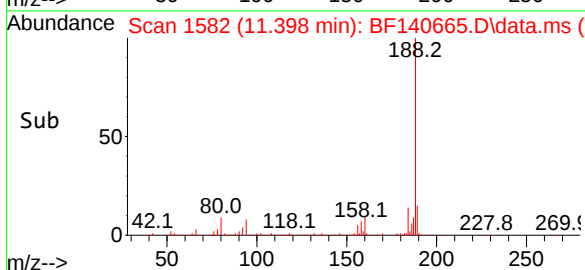
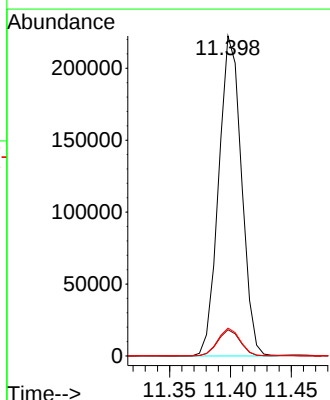
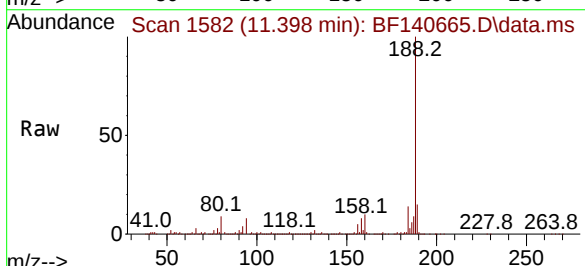
Tgt Ion:188 Resp: 289856

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3

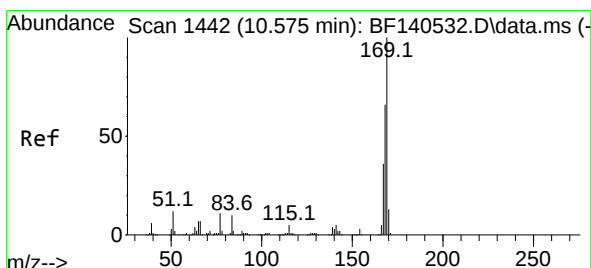
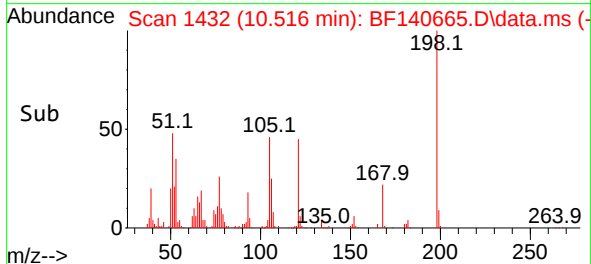
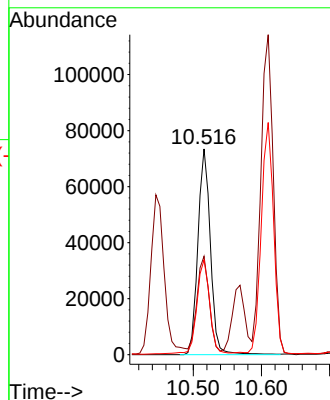
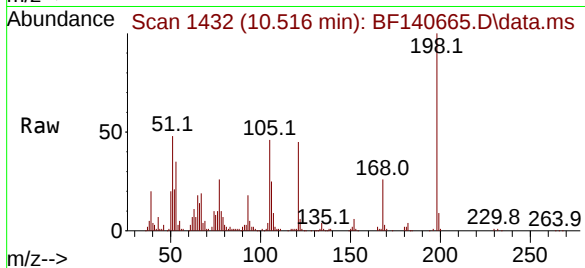




#65
4,6-Dinitro-2-methylphenol
Concen: 63.318 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

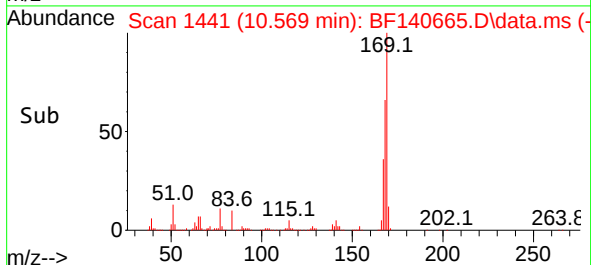
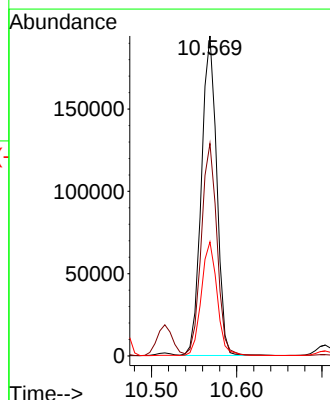
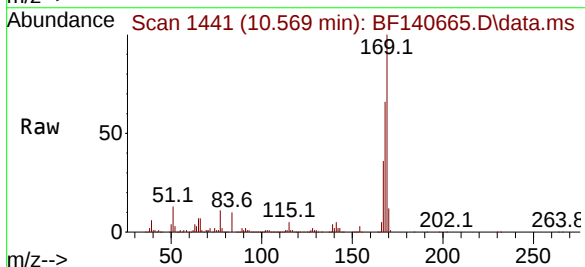
Instrument :
BNA_F
ClientSampleId :
MH-732MS

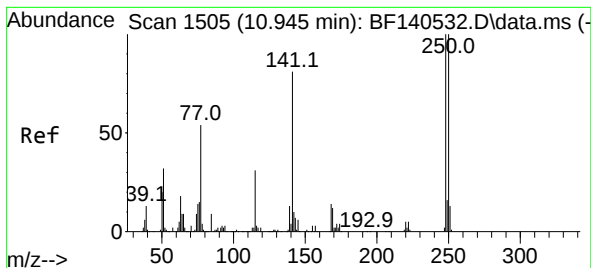
Tgt Ion:198 Resp: 93785
Ion Ratio Lower Upper
198 100
51 47.8 29.4 69.4
105 46.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 28.261 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:169 Resp: 242250
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.7 29.0 43.6

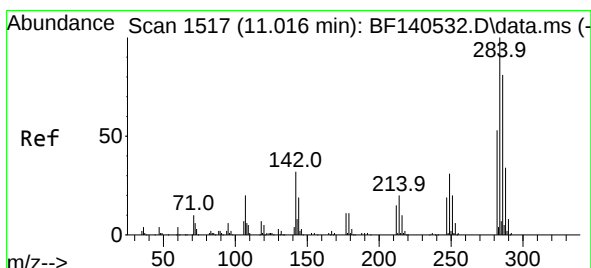
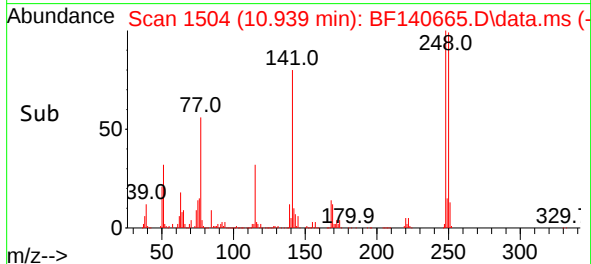
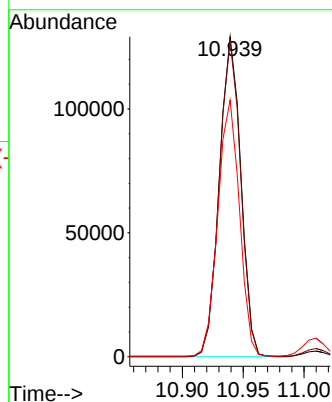
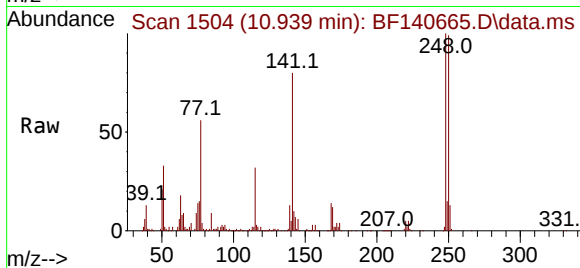




#67
4-Bromophenyl-phenylether
Concen: 53.200 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

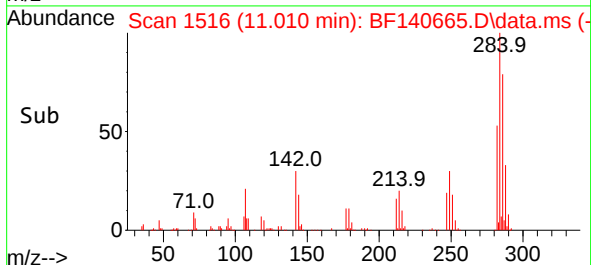
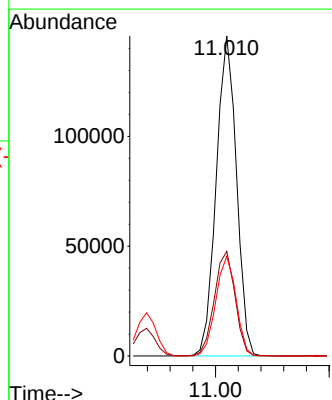
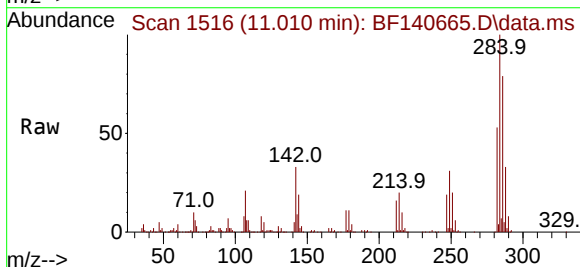
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:248 Resp: 158807
Ion Ratio Lower Upper
248 100
250 98.8 79.8 119.8
141 80.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.170 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:284 Resp: 180322
Ion Ratio Lower Upper
284 100
142 32.7 25.3 37.9
249 31.2 24.8 37.2





#69

Atrazine

Concen: 13.272 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

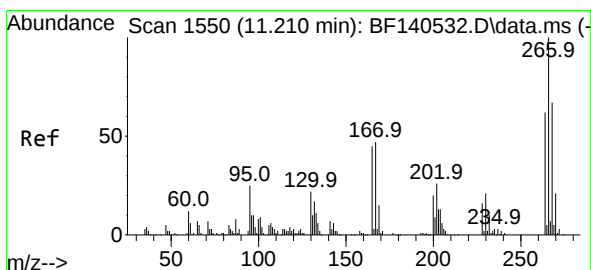
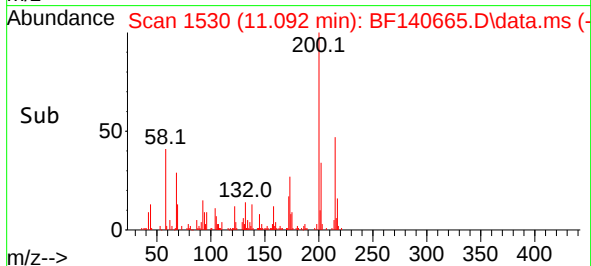
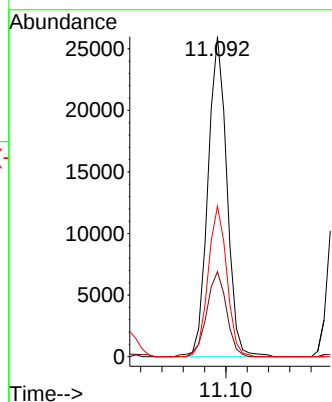
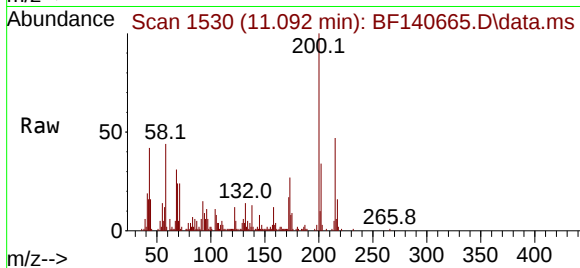
Tgt Ion:200 Resp: 32005

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 47.0 26.7 66.7



#70

Pentachlorophenol

Concen: 124.968 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

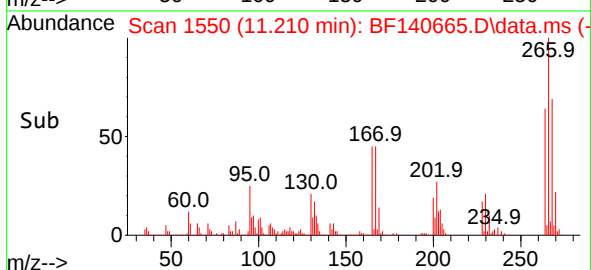
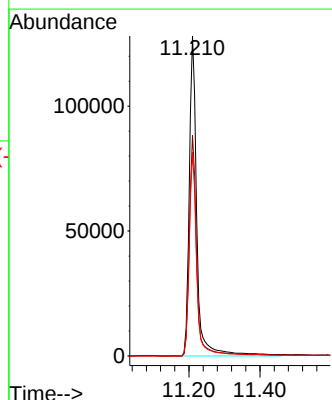
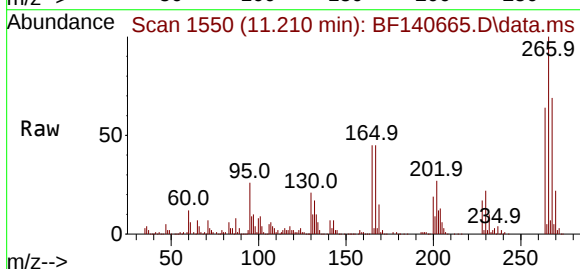
Tgt Ion:266 Resp: 190108

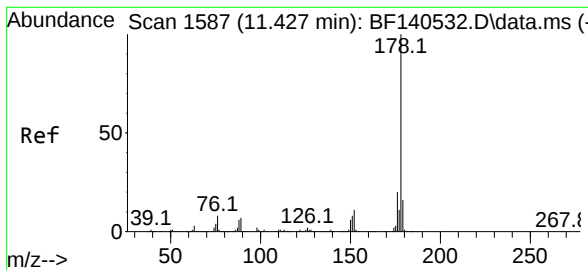
Ion Ratio Lower Upper

266 100

268 68.9 53.7 80.5

264 63.6 49.8 74.8

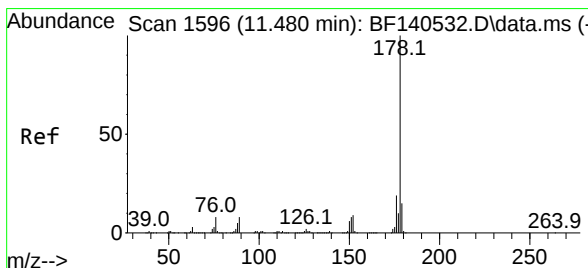
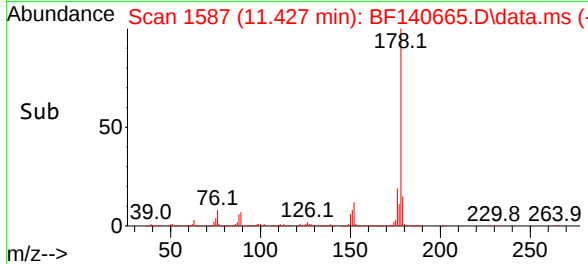
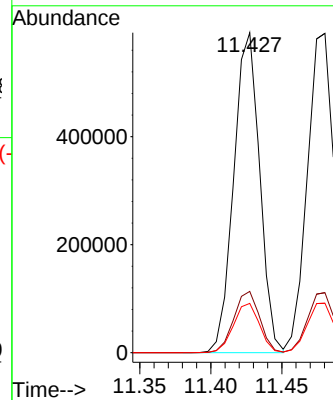
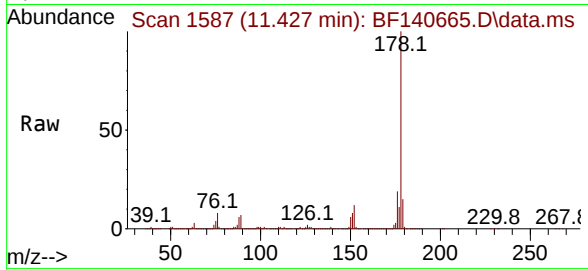




#71
Phenanthrene
Concen: 53.961 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

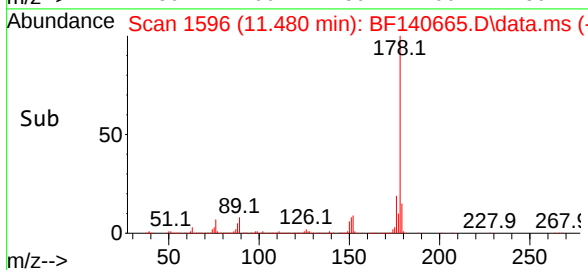
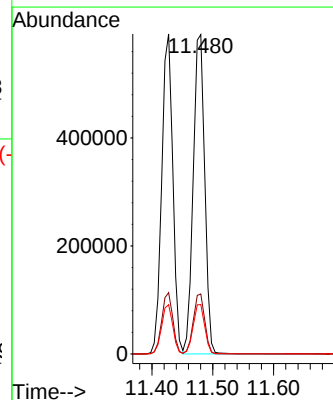
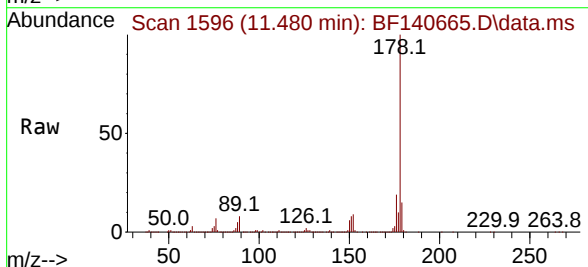
Instrument :
BNA_F
ClientSampleId :
MH-732MS

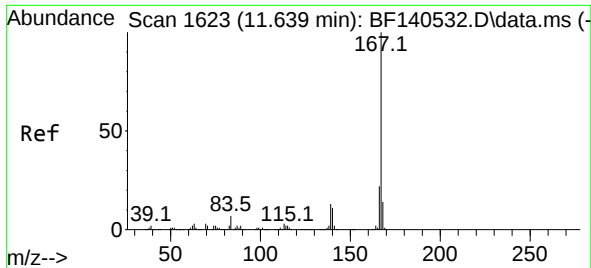
Tgt Ion:178 Resp: 751847
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.4 12.4 18.6



#72
Anthracene
Concen: 57.063 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:178 Resp: 777728
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4

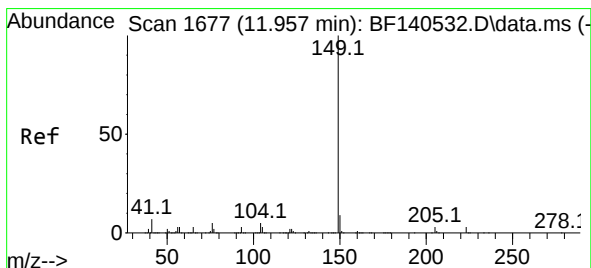
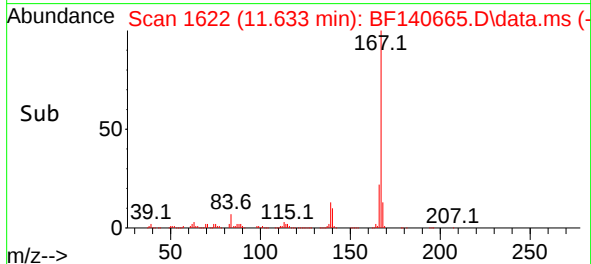
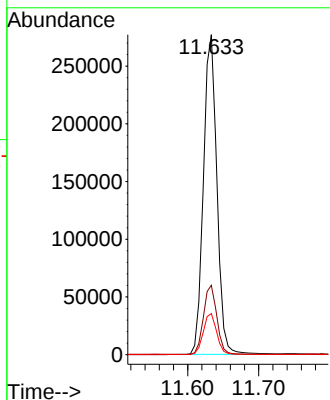
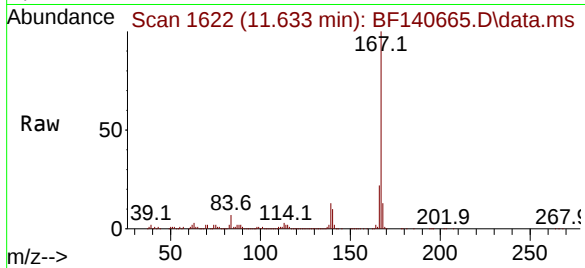




#73
Carbazole
Concen: 27.907 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

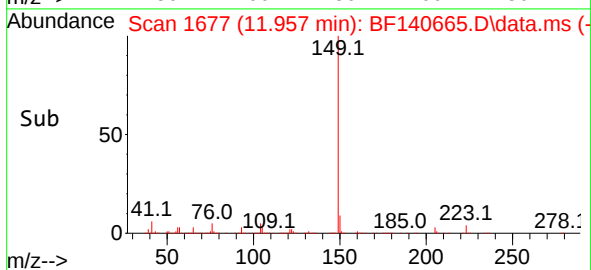
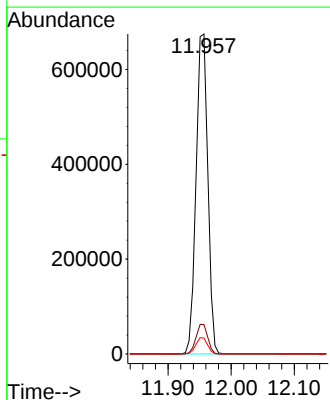
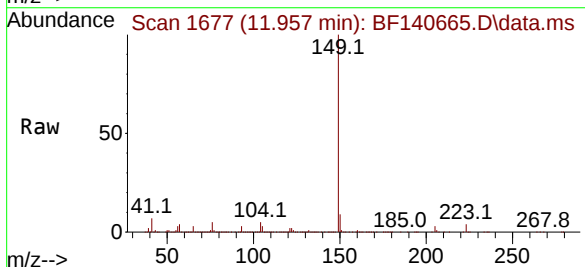
Instrument :
BNA_F
ClientSampleId :
MH-732MS

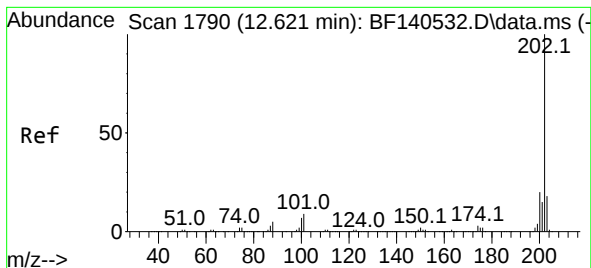
Tgt Ion:167 Resp: 365897
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 57.545 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:149 Resp: 871058
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 53.910 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

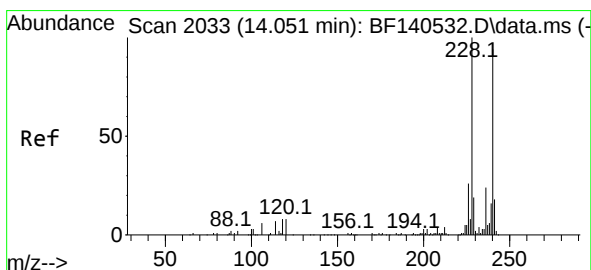
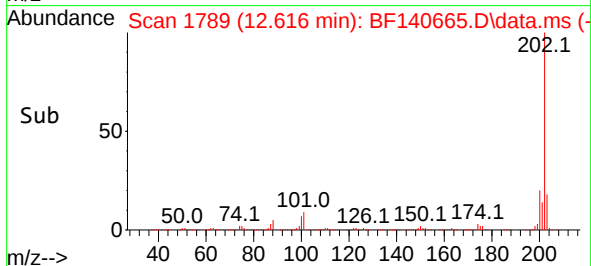
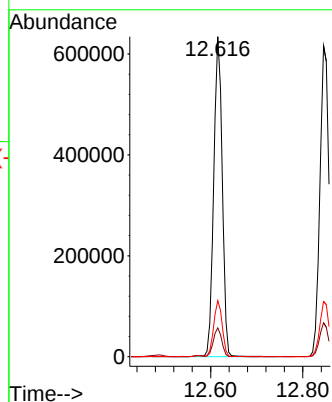
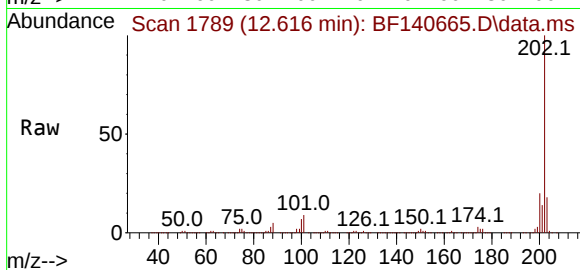
Tgt Ion:202 Resp: 815541

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.9

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

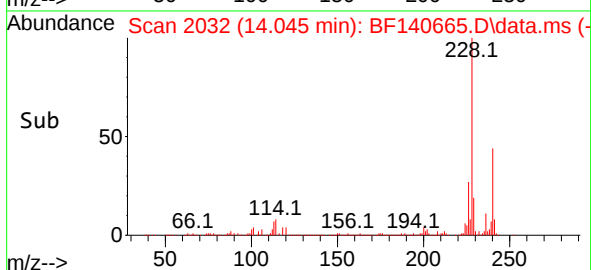
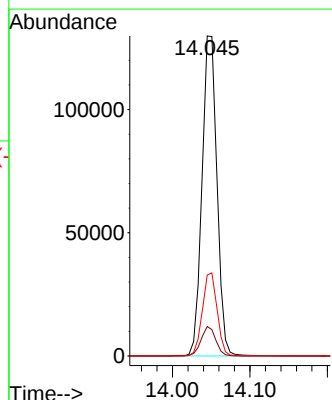
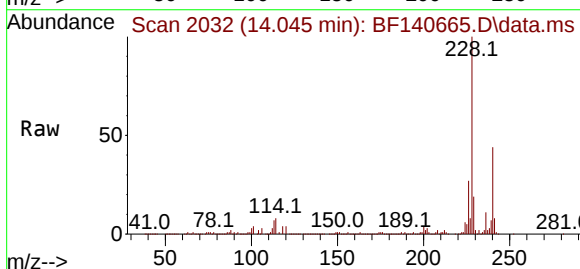
Tgt Ion:240 Resp: 174005

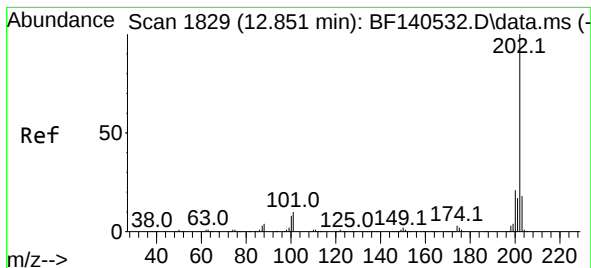
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.3 20.6 31.0





#78

Pyrene

Concen: 51.569 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

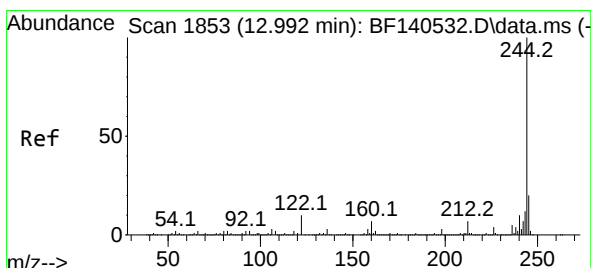
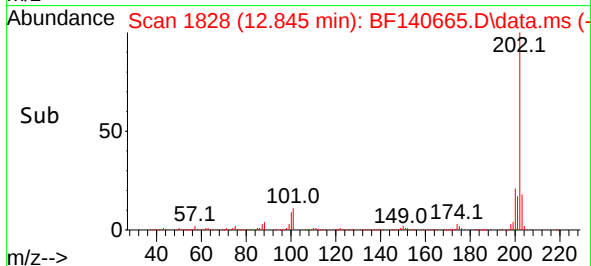
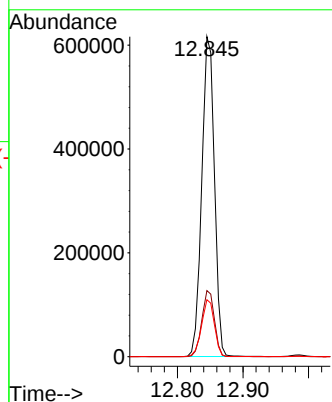
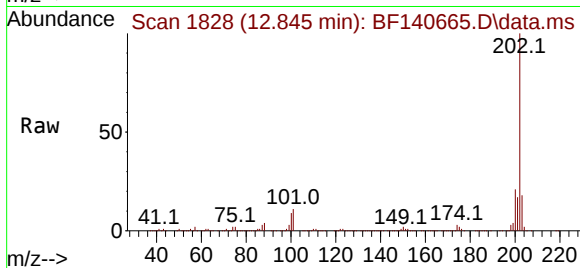
Tgt Ion:202 Resp: 829683

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.8 14.2 21.4



#79

Terphenyl-d14

Concen: 100.800 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

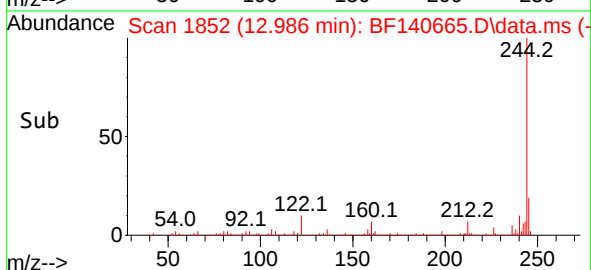
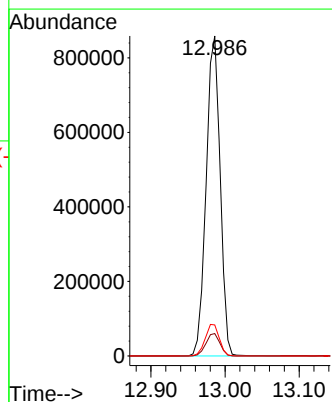
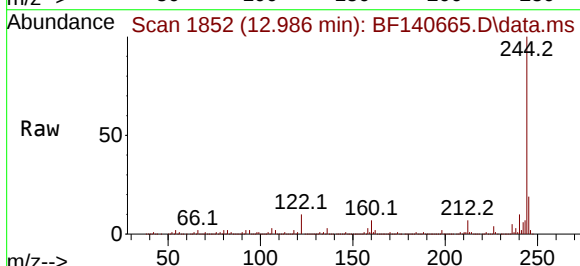
Tgt Ion:244 Resp: 1126417

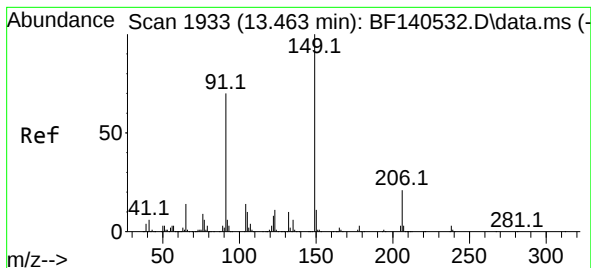
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.0 12.0





#80

Butylbenzylphthalate

Concen: 56.407 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

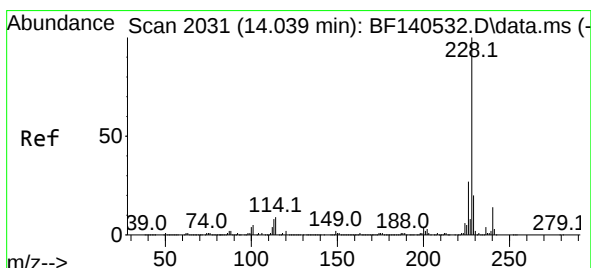
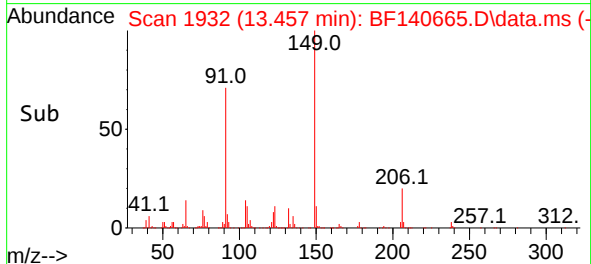
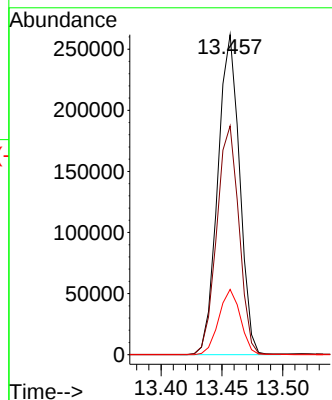
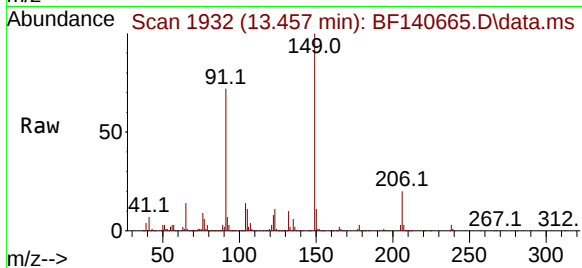
Tgt Ion:149 Resp: 326928

Ion Ratio Lower Upper

149 100

91 71.5 56.2 84.2

206 20.4 16.4 24.6



#81

Benzo(a)anthracene

Concen: 54.966 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

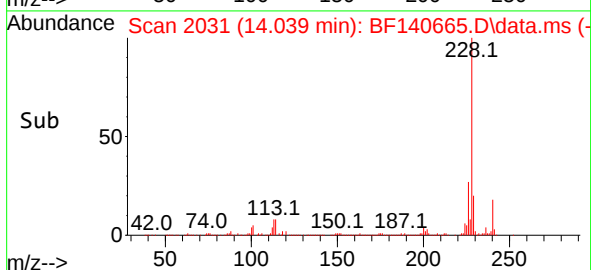
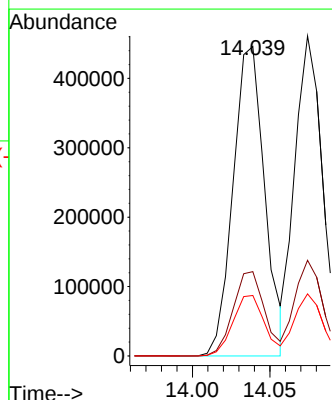
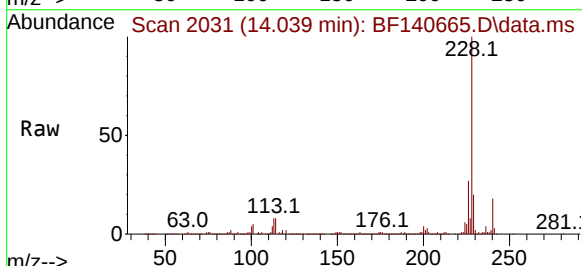
Tgt Ion:228 Resp: 633126

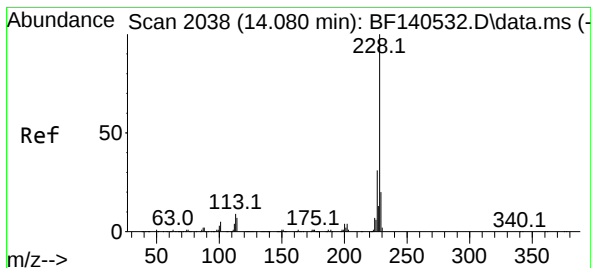
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.6 15.8 23.6





#83

Chrysene

Concen: 54.342 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

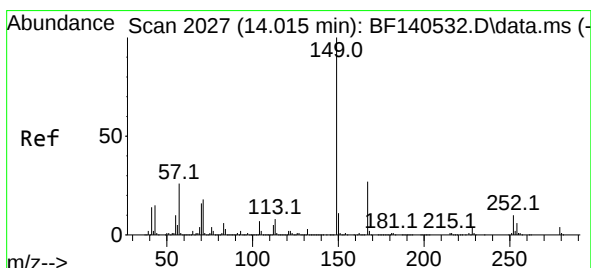
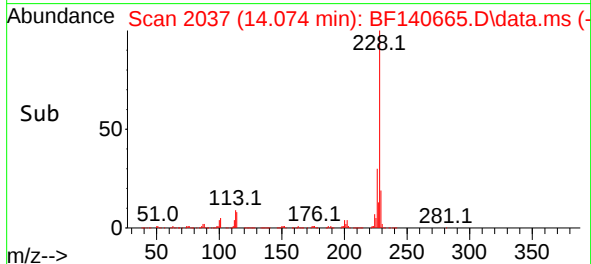
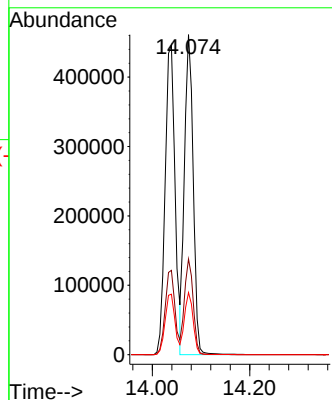
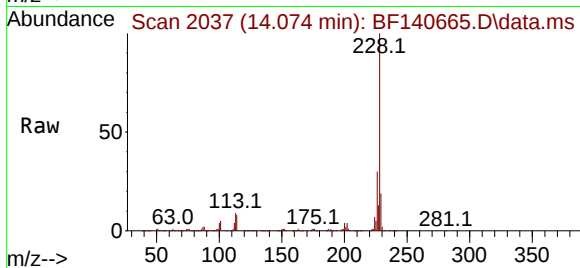
Tgt Ion:228 Resp: 572347

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.382 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

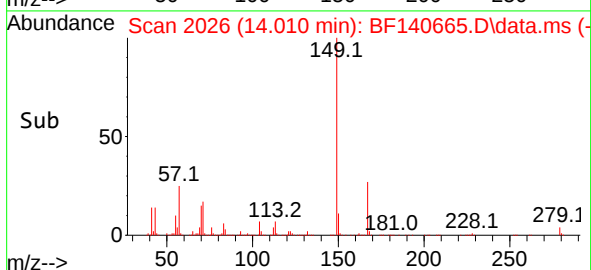
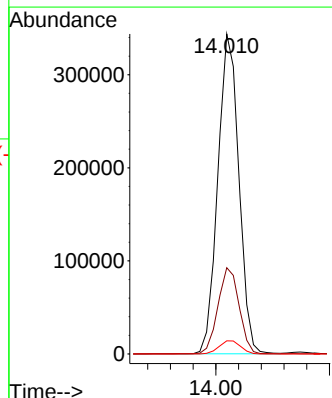
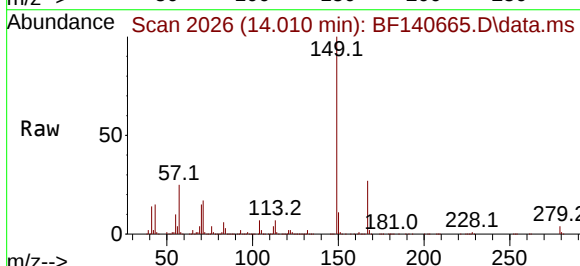
Tgt Ion:149 Resp: 441902

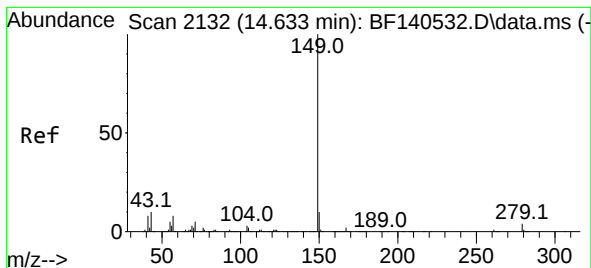
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 63.852 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

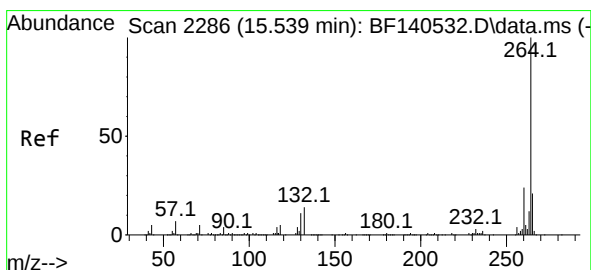
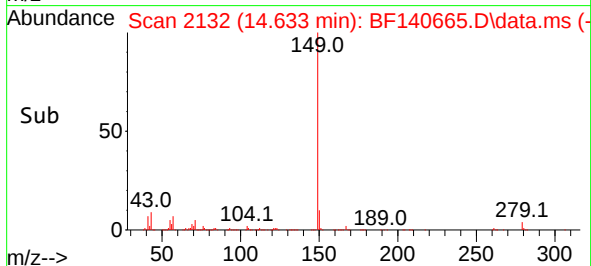
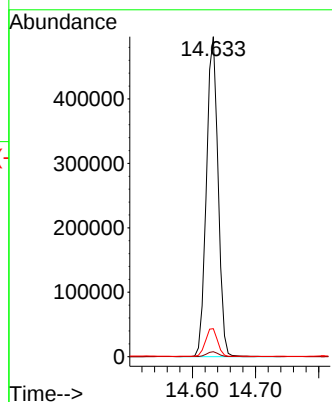
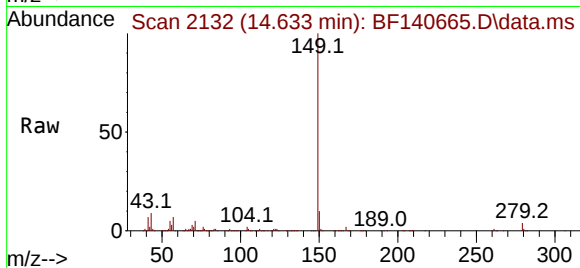
Tgt Ion:149 Resp: 638627

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

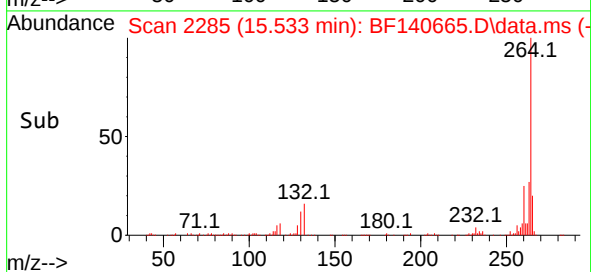
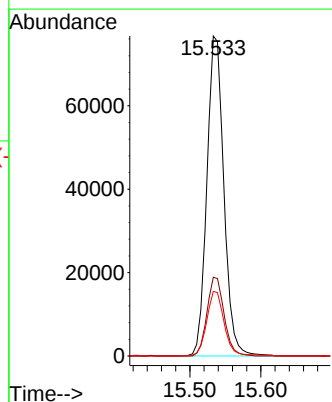
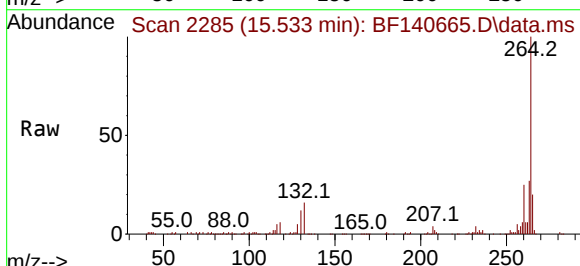
Tgt Ion:264 Resp: 127572

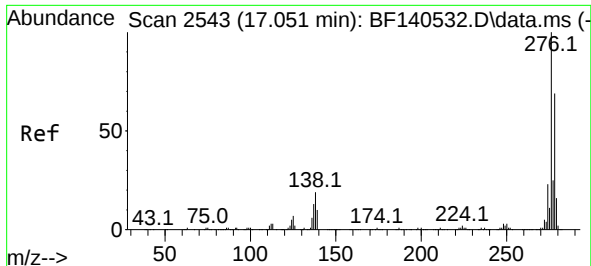
Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 20.2 16.6 25.0

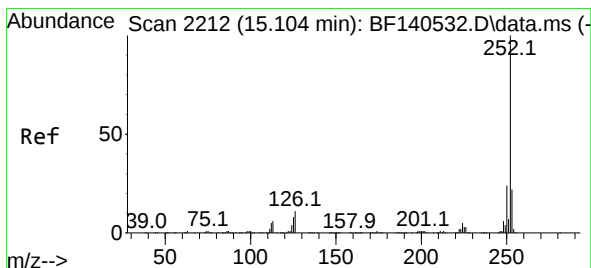
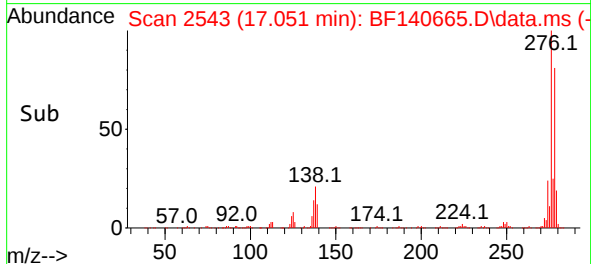
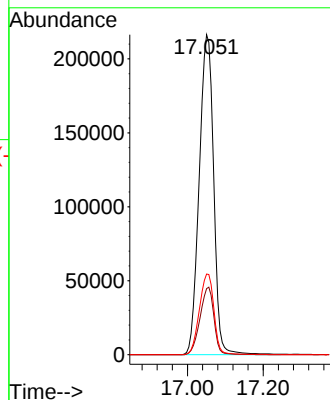
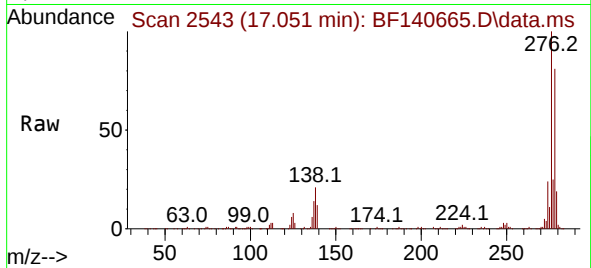




#87
Indeno(1,2,3-cd)pyrene
Concen: 69.034 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

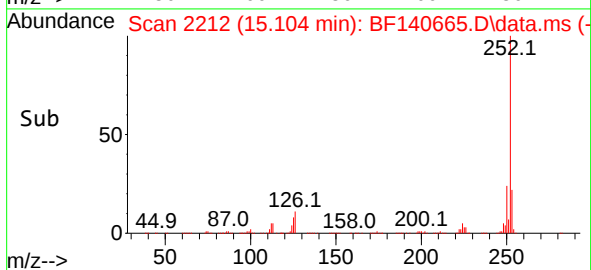
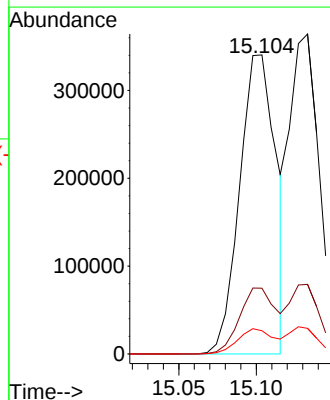
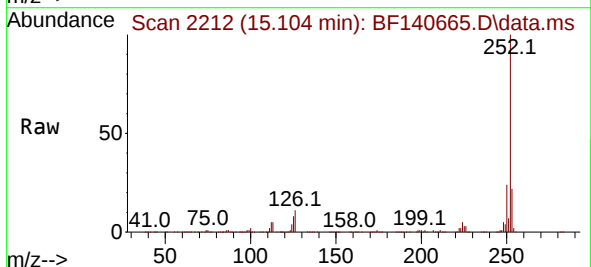
Instrument :
BNA_F
ClientSampleId :
MH-732MS

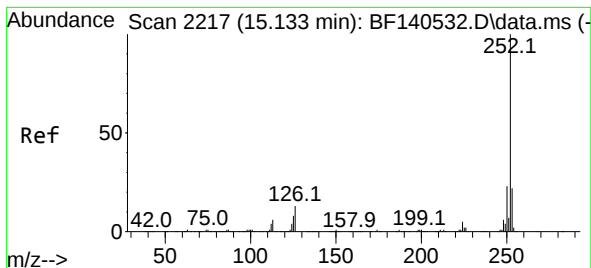
Tgt Ion:276 Resp: 573933
Ion Ratio Lower Upper
276 100
138 20.3 15.5 23.3
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 69.195 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:252 Resp: 554460
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 7.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 70.116 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

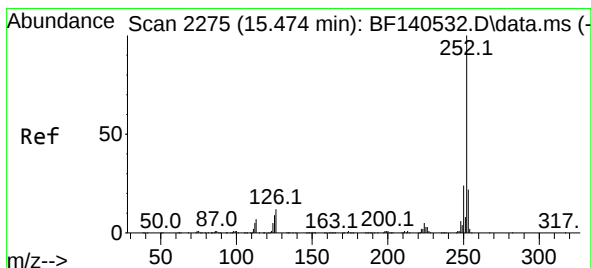
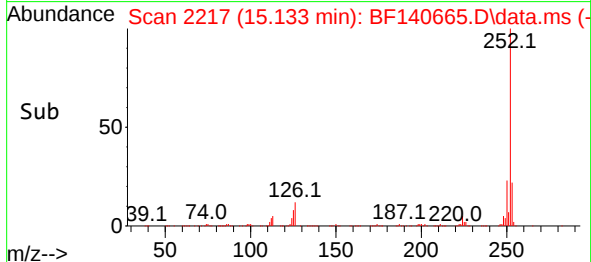
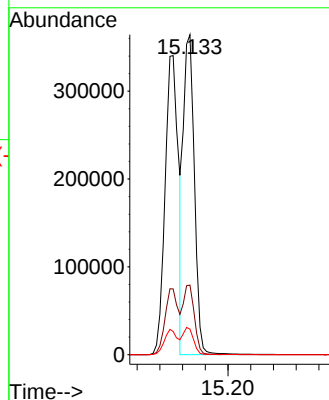
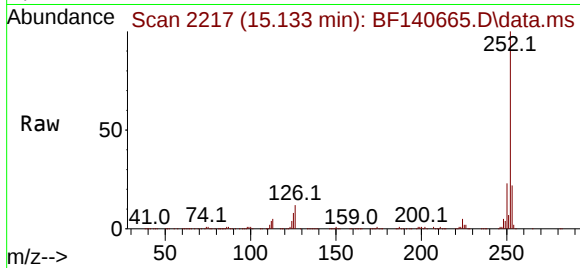
Tgt Ion:252 Resp: 491655

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 71.381 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

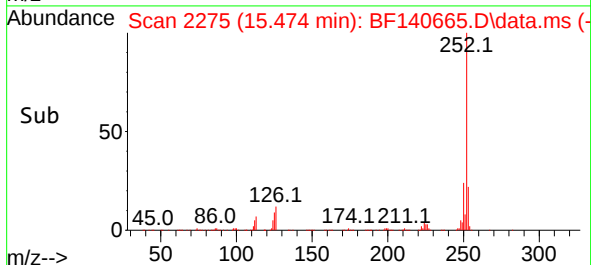
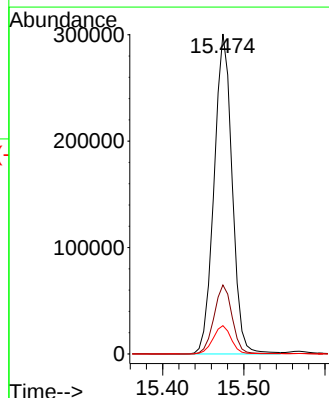
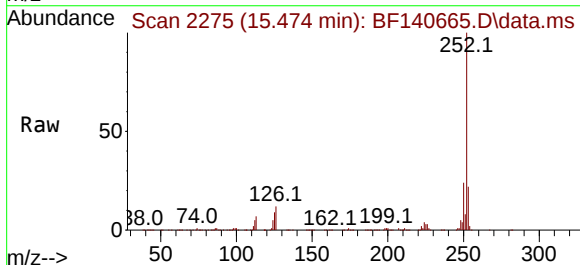
Tgt Ion:252 Resp: 465058

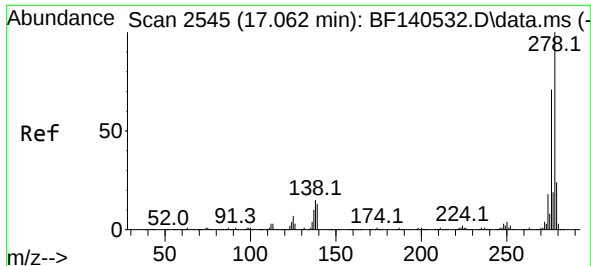
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.8 7.0 10.6

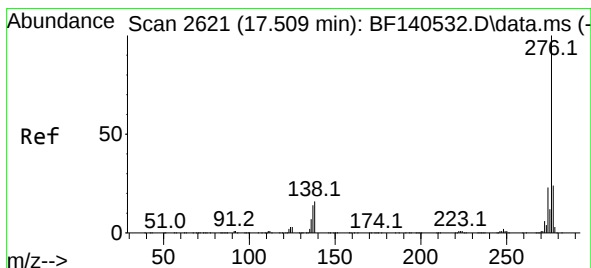
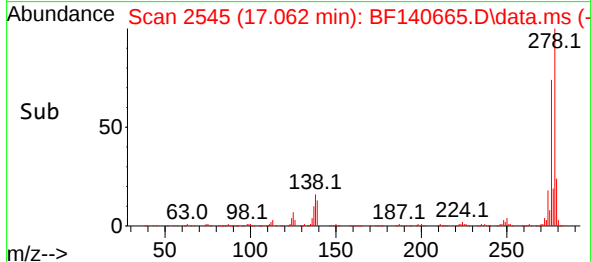
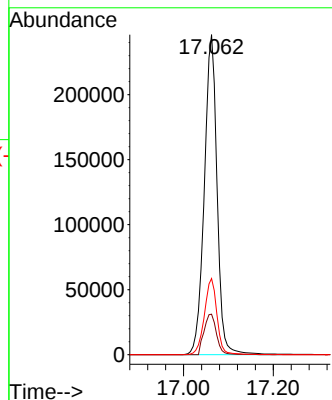
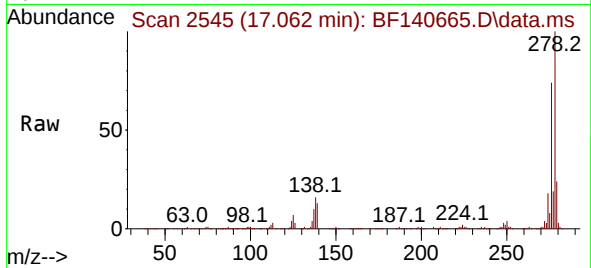




#91
Dibenzo(a,h)anthracene
Concen: 71.362 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:278 Resp: 485876
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.4
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 59.122 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:276 Resp: 410767
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 16.8 13.2 19.8

