

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140633.D
 Acq On : 26 Nov 2024 11:20
 Operator : RC/JU
 Sample : PB165203BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165203BSD

Quant Time: Nov 26 12:01:02 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	107882	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	407913	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	232317	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	432267	20.000	ng	0.00
76) Chrysene-d12	14.051	240	245754	20.000	ng	0.00
86) Perylene-d12	15.539	264	204825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	861248	136.211	ng	0.02
7) Phenol-d6	6.516	99	1141058	136.506	ng	0.00
23) Nitrobenzene-d5	7.440	82	742425	93.096	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342841	137.984	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1399809	89.775	ng	0.00
79) Terphenyl-d14	12.986	244	1559106	98.787	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	113145	42.561	ng	98
3) Pyridine	3.510	79	294729	50.388	ng	99
4) n-Nitrosodimethylamine	3.469	42	157294	45.755	ng	88
6) Aniline	6.534	93	349553	59.412	ng	# 87
8) 2-Chlorophenol	6.663	128	346654	50.960	ng	95
9) Benzaldehyde	6.422	77	161842	36.573	ng	98
10) Phenol	6.528	94	425566	49.852	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	321292	49.184	ng	98
12) 1,3-Dichlorobenzene	6.810	146	355794	46.548	ng	98
13) 1,4-Dichlorobenzene	6.887	146	361222	46.673	ng	99
14) 1,2-Dichlorobenzene	7.040	146	345162	47.595	ng	99
15) Benzyl Alcohol	7.016	79	319231	51.497	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	403418	52.274	ng	86
17) 2-Methylphenol	7.134	107	269594	49.509	ng	98
18) Hexachloroethane	7.381	117	135087	46.734	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	241077	48.799	ng	97
20) 3+4-Methylphenols	7.287	107	345049	49.299	ng	91
22) Acetophenone	7.281	105	461338	46.390	ng	99
24) Nitrobenzene	7.457	77	376700	45.704	ng	98
25) Isophorone	7.692	82	661683	49.746	ng	100
26) 2-Nitrophenol	7.769	139	181274	49.629	ng	98
27) 2,4-Dimethylphenol	7.810	122	273966	62.689	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	400657	49.444	ng	100
29) 2,4-Dichlorophenol	8.016	162	288638	49.844	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	304273	46.019	ng	99
31) Naphthalene	8.175	128	1000969	47.640	ng	99
32) Benzoic acid	7.945	122	166692	44.456	ng	94
33) 4-Chloroaniline	8.222	127	196332	31.209	ng	99
34) Hexachlorobutadiene	8.287	225	197310	45.054	ng	99
35) Caprolactam	8.598	113	55660	31.059	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	317874	49.027	ng	98
37) 2-Methylnaphthalene	8.863	142	653678	48.982	ng	100
38) 1-Methylnaphthalene	8.963	142	606698	46.380	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	313826	46.143	ng	99
41) Hexachlorocyclopentadiene	9.016	237	271705	168.824	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	202126	47.363	ng	99

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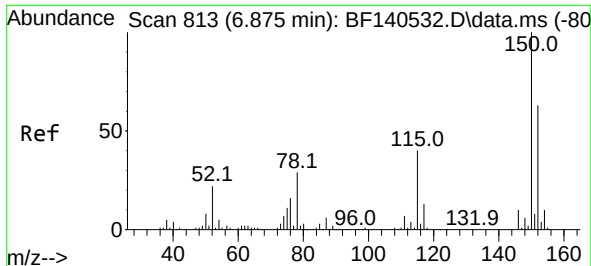
Quant Time: Nov 26 12:01:02 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	216921	46.835	ng	96
46) 1,1'-Biphenyl	9.328	154	815696	47.028	ng	99
47) 2-Chloronaphthalene	9.357	162	606136	46.120	ng	99
48) 2-Nitroaniline	9.457	65	203244	48.179	ng	96
49) Acenaphthylene	9.775	152	998493	50.282	ng	99
50) Dimethylphthalate	9.633	163	739126	48.308	ng	100
51) 2,6-Dinitrotoluene	9.698	165	162546	46.843	ng	93
52) Acenaphthene	9.945	154	599136	47.485	ng	99
53) 3-Nitroaniline	9.869	138	112146	33.044	ng	95
54) 2,4-Dinitrophenol	9.986	184	163544	89.926	ng	91
55) Dibenzofuran	10.116	168	901210	46.827	ng	99
56) 4-Nitrophenol	10.045	139	224083	96.813	ng	93
57) 2,4-Dinitrotoluene	10.110	165	218552	47.390	ng	97
58) Fluorene	10.463	166	709743	45.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	190584	53.542	ng	94
60) Diethylphthalate	10.333	149	737643	47.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	351614	46.380	ng	97
62) 4-Nitroaniline	10.486	138	168035	47.207	ng	95
63) Azobenzene	10.610	77	712172	48.377	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	120877	54.723	ng	93
66) n-Nitrosodiphenylamine	10.575	169	623612	48.783	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	214772	48.245	ng	97
68) Hexachlorobenzene	11.010	284	243314	47.203	ng	98
69) Atrazine	11.098	200	208347	57.936	ng	98
70) Pentachlorophenol	11.210	266	230600	101.645	ng	99
71) Phenanthrene	11.428	178	1016501	48.920	ng	100
72) Anthracene	11.480	178	1033840	50.864	ng	99
73) Carbazole	11.633	167	959339	49.063	ng	100
74) Di-n-butylphthalate	11.957	149	1136582	50.349	ng	100
75) Fluoranthene	12.616	202	1091361	48.375	ng	98
77) Benzidine	12.739	184	343526	48.078	ng	100
78) Pyrene	12.845	202	1122532	49.401	ng	100
80) Butylbenzylphthalate	13.457	149	441034	53.878	ng	97
81) Benzo(a)anthracene	14.039	228	831606	51.119	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	172690	35.357	ng	99
83) Chrysene	14.074	228	750972	50.485	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	596310	57.691	ng	99
85) Di-n-octyl phthalate	14.639	149	834093	59.048	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	670084	50.200	ng	98
88) Benzo(b)fluoranthene	15.104	252	654223	50.852	ng	98
89) Benzo(k)fluoranthene	15.133	252	561986	49.918	ng	99
90) Benzo(a)pyrene	15.480	252	563770	53.895	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	544396	49.800	ng	99
92) Benzo(g,h,i)perylene	17.515	276	513650	46.046	ng	97

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

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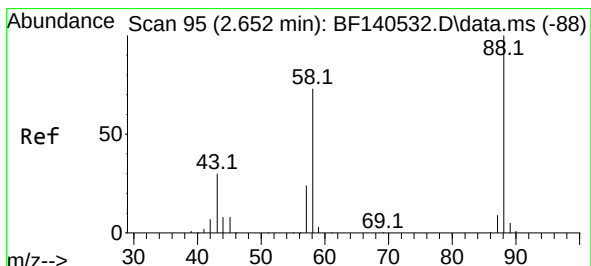
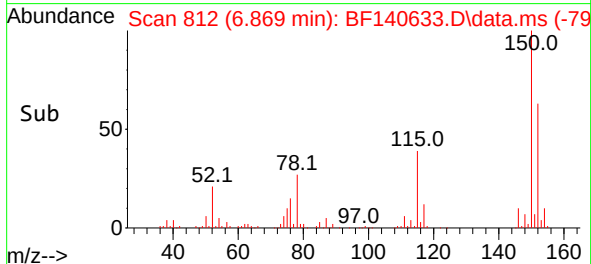
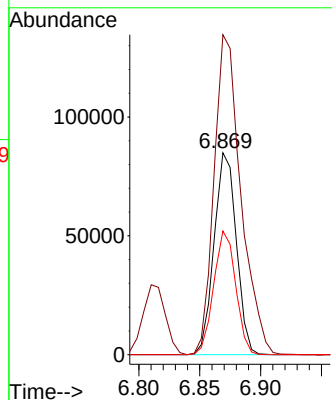
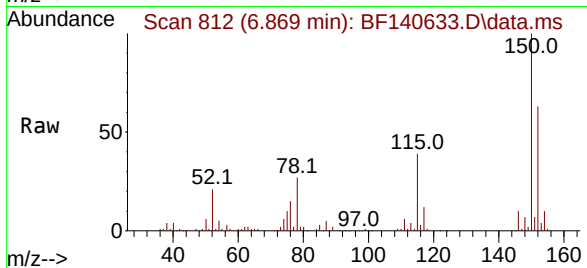




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

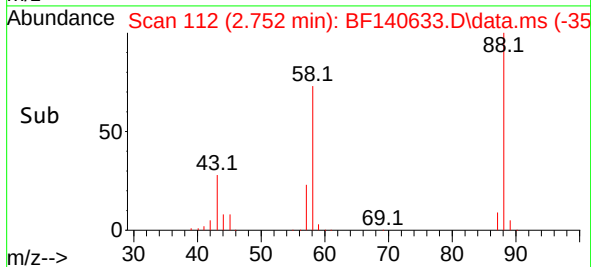
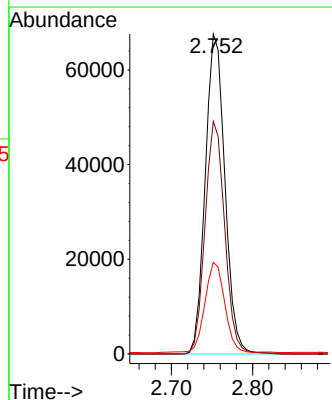
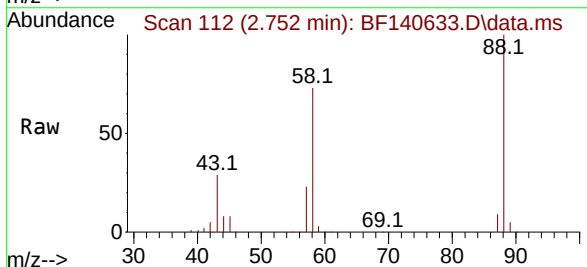
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 BNA_F
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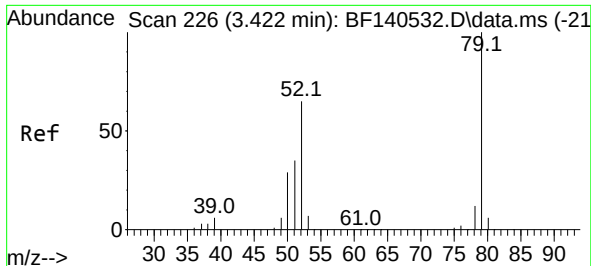
Tgt Ion:152 Resp: 107882
 Ion Ratio Lower Upper
 152 100
 150 158.5 128.5 192.7
 115 61.3 50.2 75.4



#2
 1,4-Dioxane
 Concen: 42.561 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.100 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

Tgt Ion: 88 Resp: 113145
 Ion Ratio Lower Upper
 88 100
 58 73.0 57.4 86.2
 43 28.8 24.3 36.5





#3

Pyridine

Concen: 50.388 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.088 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

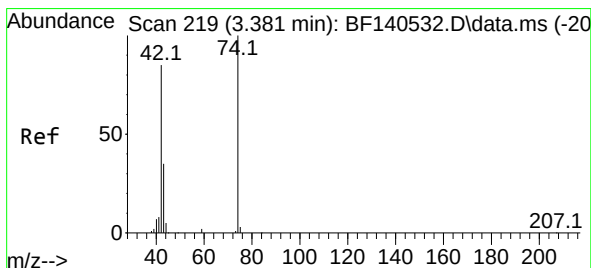
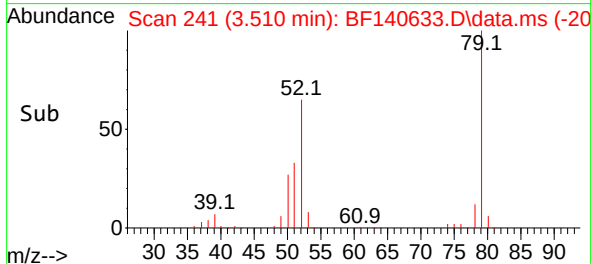
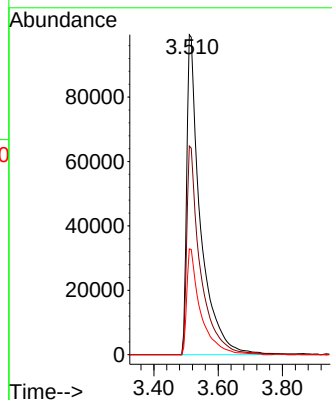
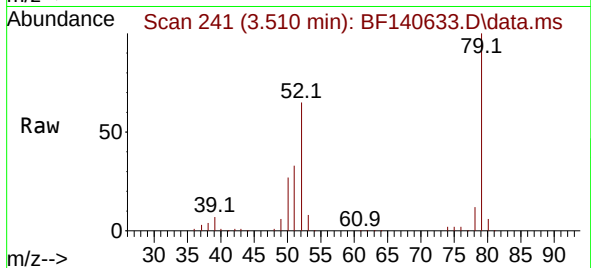
Tgt Ion: 79 Resp: 294729

Ion Ratio Lower Upper

79 100

52 65.2 52.1 78.1

51 33.0 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.755 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.088 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

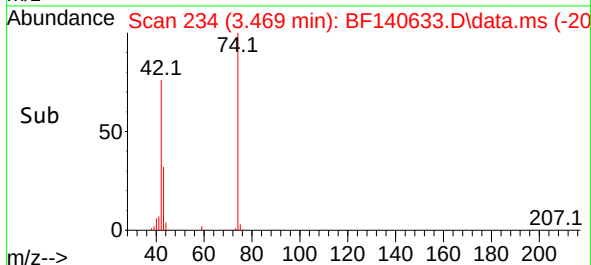
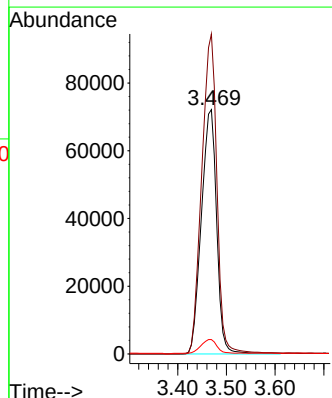
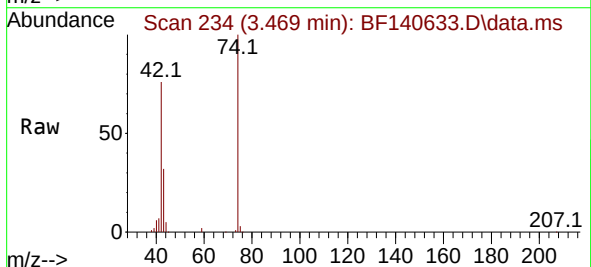
Tgt Ion: 42 Resp: 157294

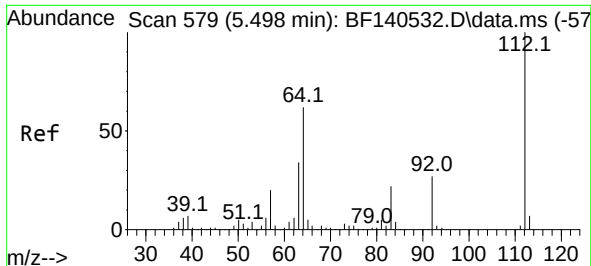
Ion Ratio Lower Upper

42 100

74 131.0 93.8 140.6

44 5.9 4.6 6.8

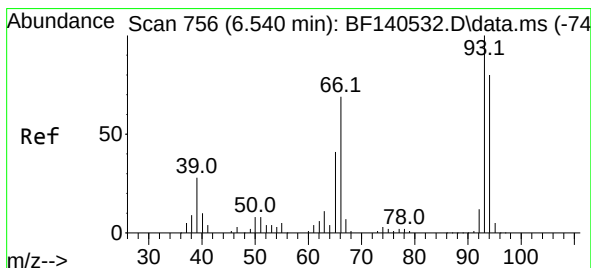
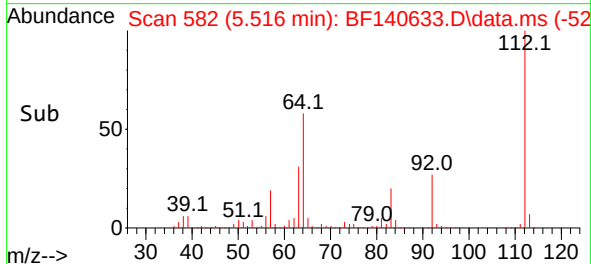
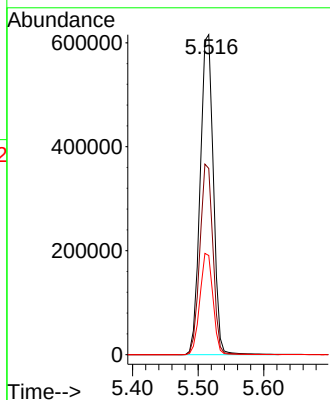
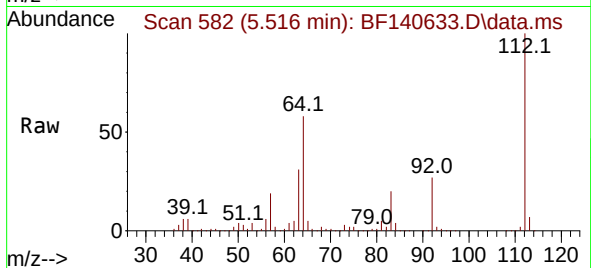




#5
2-Fluorophenol
Concen: 136.211 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

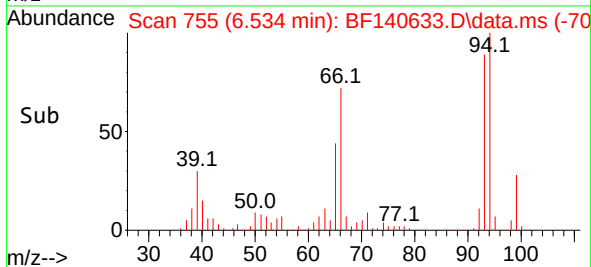
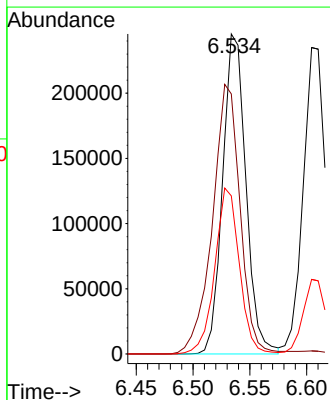
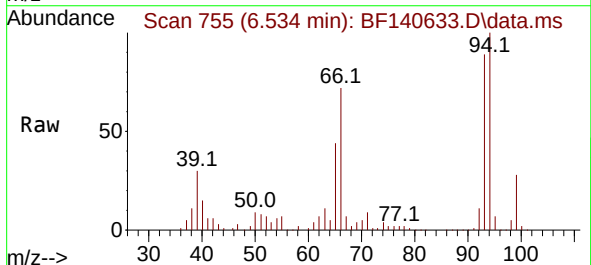
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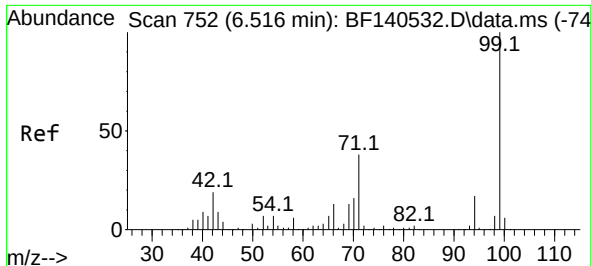
Tgt Ion:112 Resp: 861248
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.0 27.0 40.4



#6
Aniline
Concen: 59.412 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 93 Resp: 349553
Ion Ratio Lower Upper
93 100
66 81.3 56.5 84.7
65 49.4 32.9 49.3#

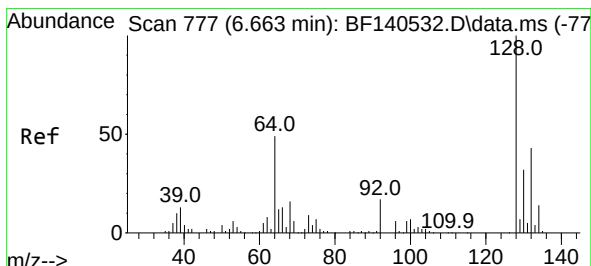
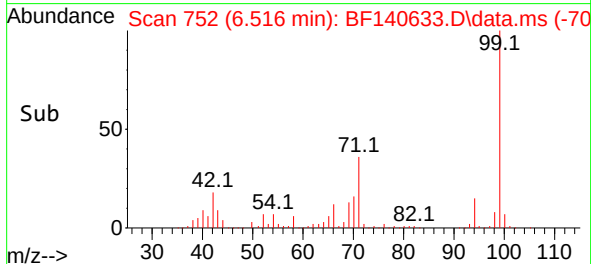
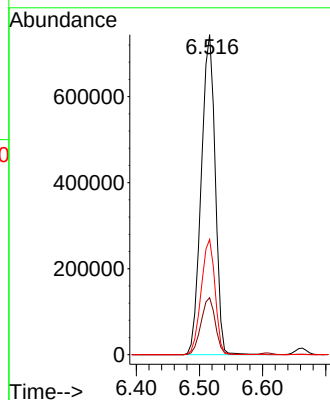
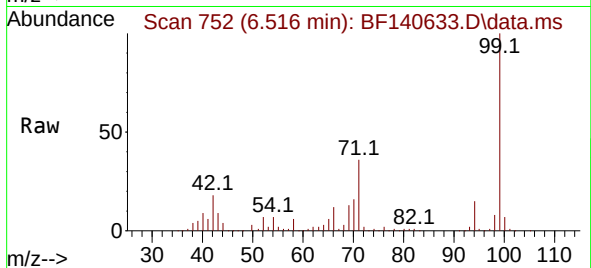




#7
Phenol-d6
Concen: 136.506 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

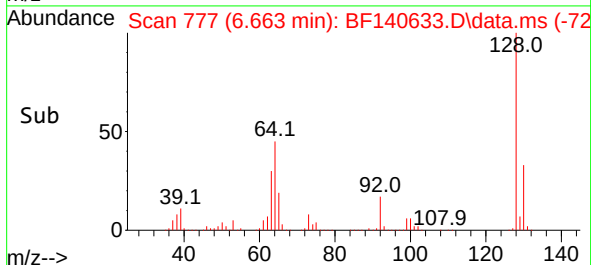
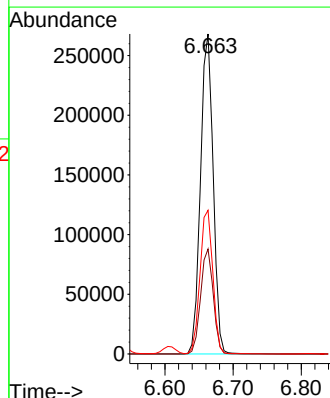
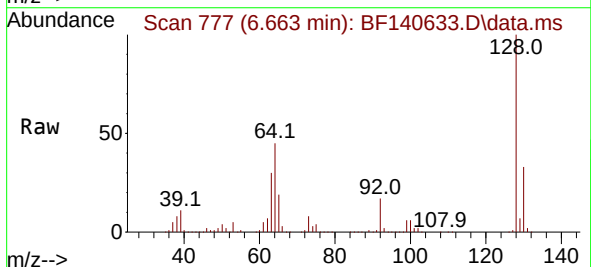
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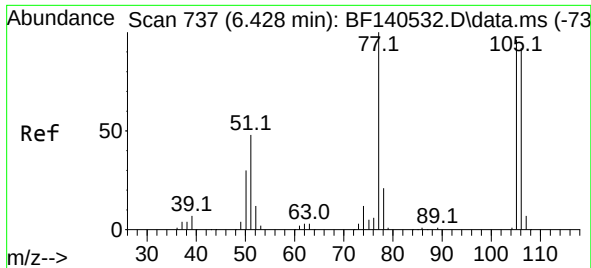
Tgt Ion: 99 Resp: 1141058
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.0 30.6 46.0



#8
2-Chlorophenol
Concen: 50.960 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:128 Resp: 346654
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 44.9 30.2 70.2

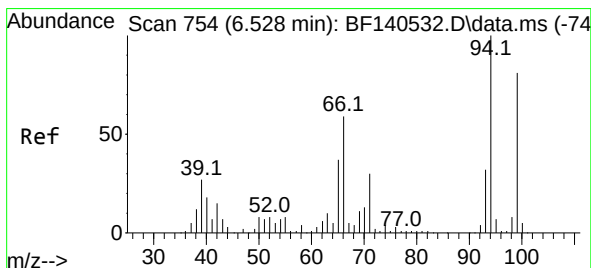
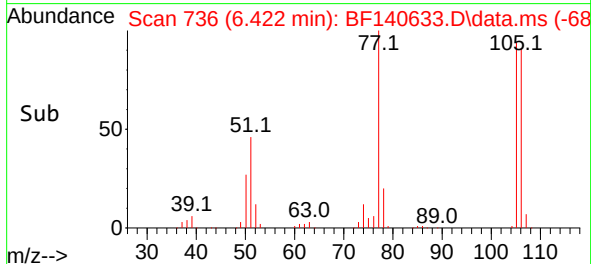
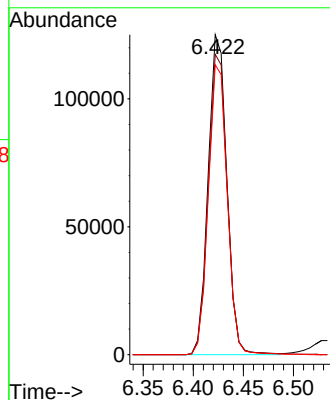
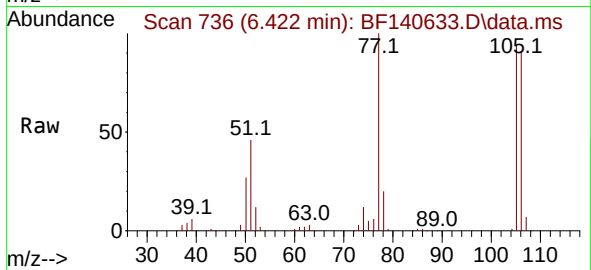




#9
Benzaldehyde
Concen: 36.573 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

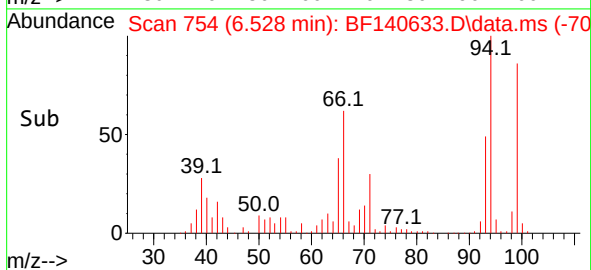
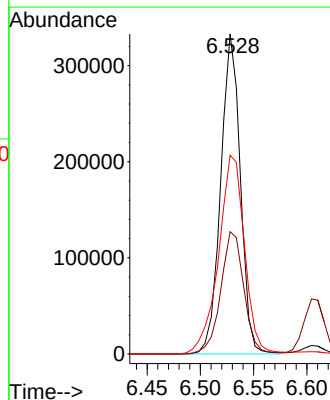
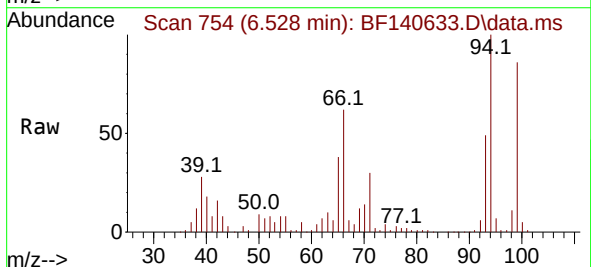
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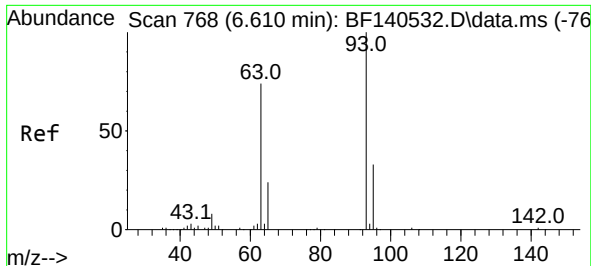
Tgt Ion: 77 Resp: 161842
Ion Ratio Lower Upper
77 100
105 93.9 75.6 115.6
106 90.6 72.0 112.0



#10
Phenol
Concen: 49.852 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140633.D
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Tgt Ion: 94 Resp: 425566
Ion Ratio Lower Upper
94 100
65 38.2 17.2 57.2
66 62.1 39.2 79.2

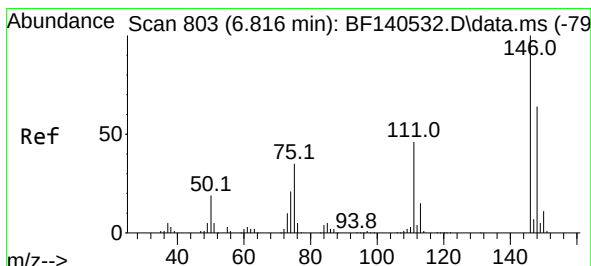
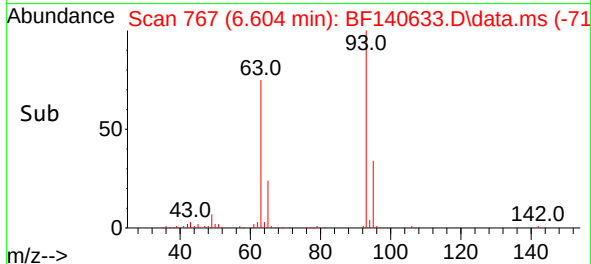
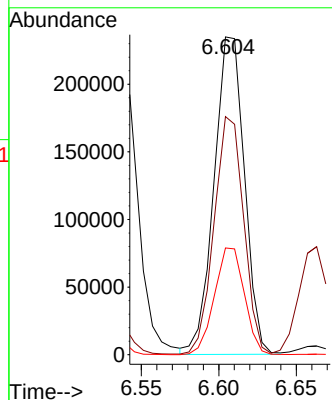
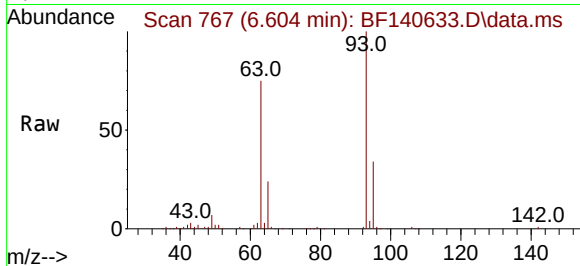




#11
bis(2-Chloroethyl)ether
Concen: 49.184 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

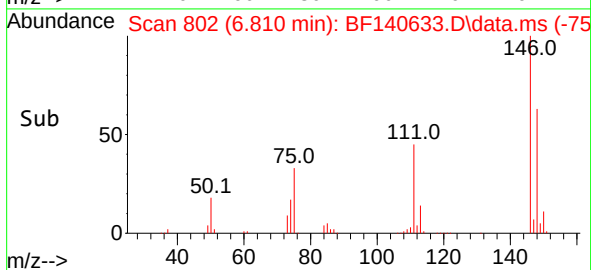
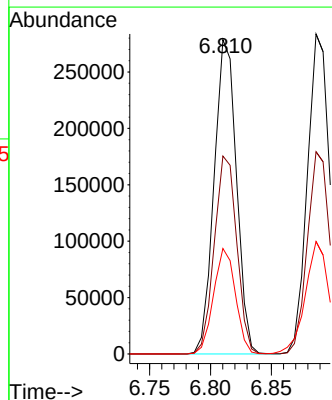
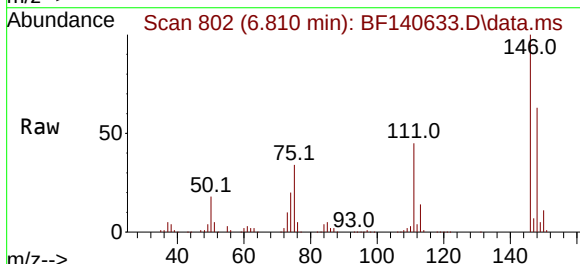
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

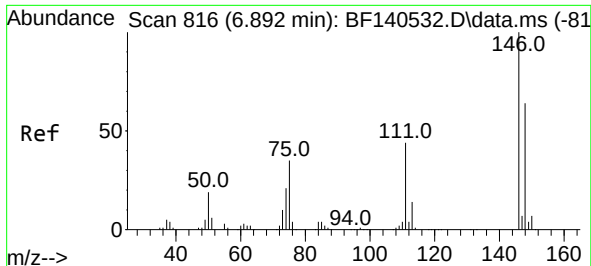
Tgt Ion: 93 Resp: 321292
Ion Ratio Lower Upper
93 100
63 74.9 52.8 92.8
95 33.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.548 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 146 Resp: 355794
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 33.6 28.2 42.2

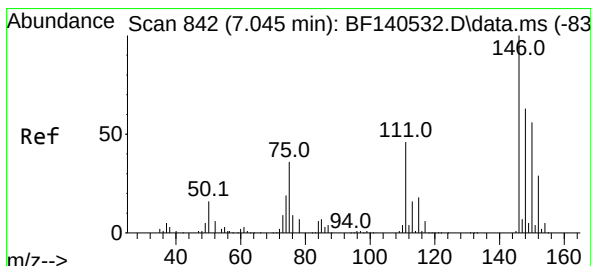
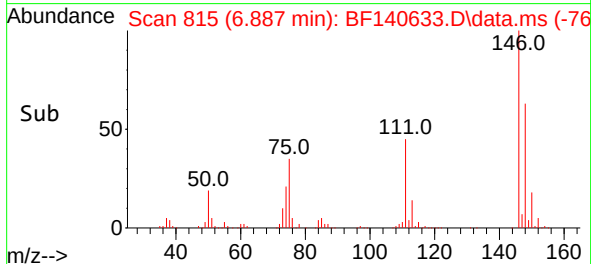
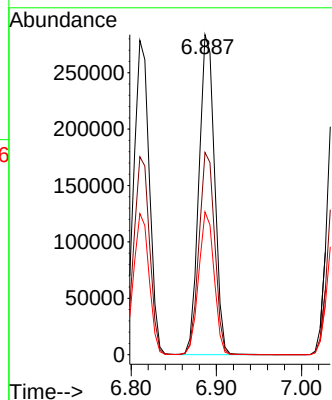
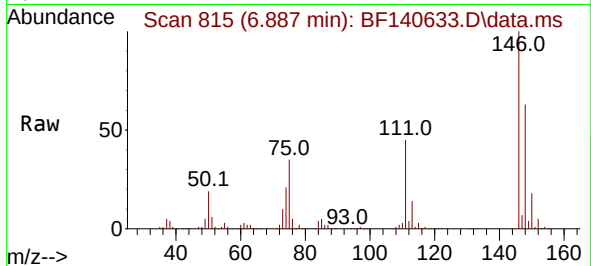




#13
1,4-Dichlorobenzene
Concen: 46.673 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

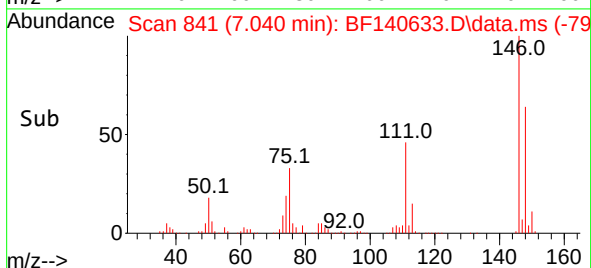
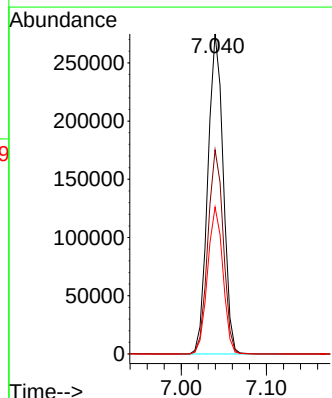
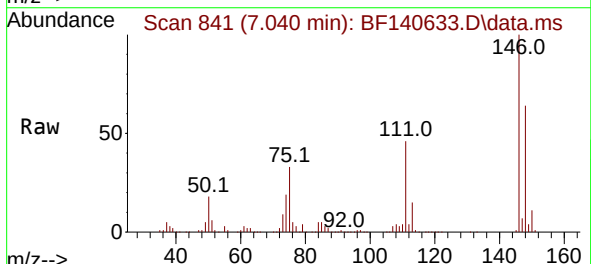
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

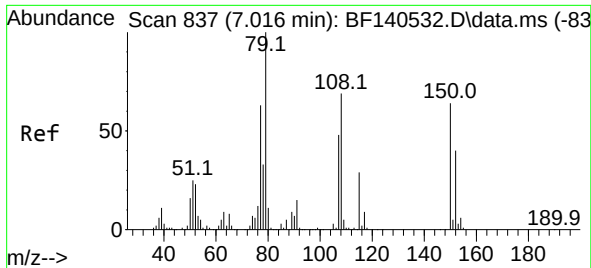
Tgt Ion:146 Resp: 361222
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 44.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.595 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:146 Resp: 345162
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.9 36.7 55.1

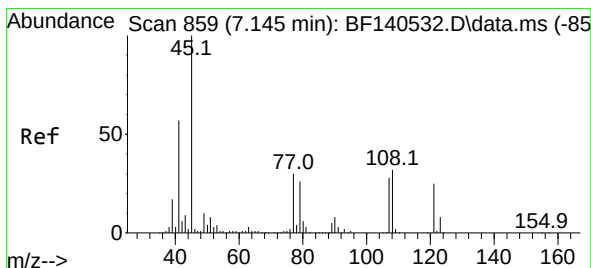
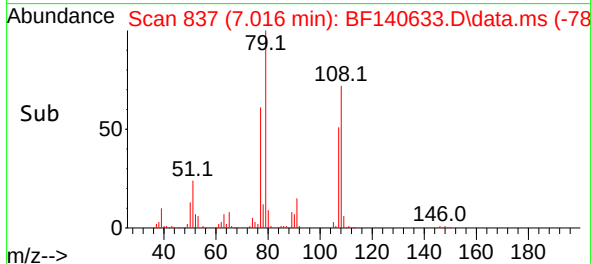
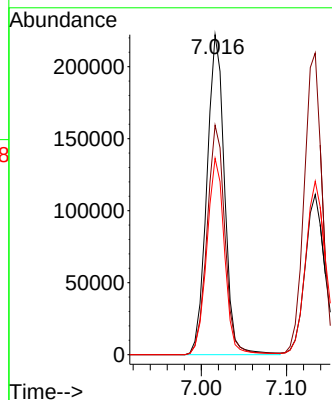
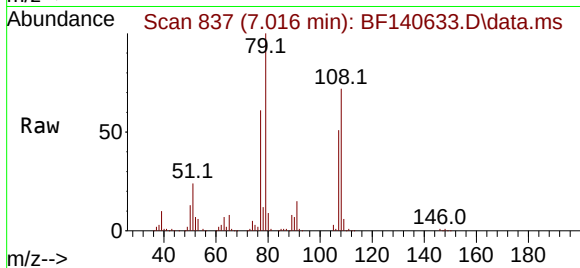




#15
Benzyl Alcohol
Concen: 51.497 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

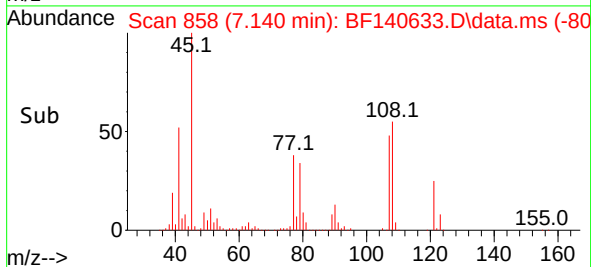
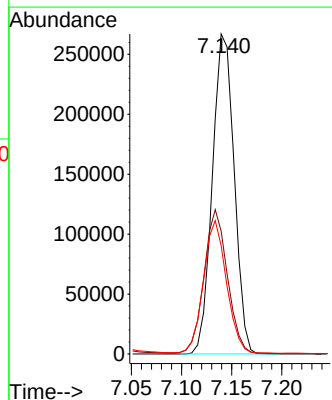
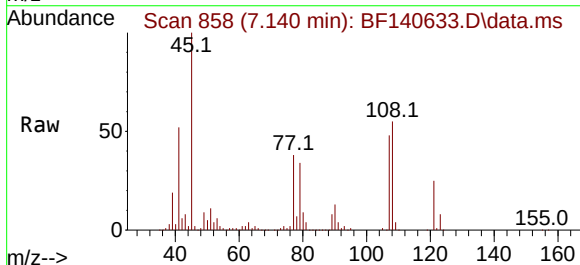
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

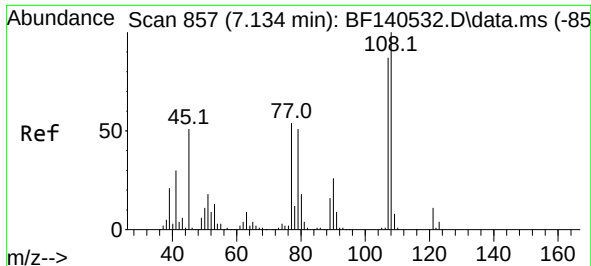
Tgt Ion: 79 Resp: 319231
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 61.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.274 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 45 Resp: 403418
Ion Ratio Lower Upper
45 100
77 38.4 10.7 50.7
79 33.8 7.0 47.0

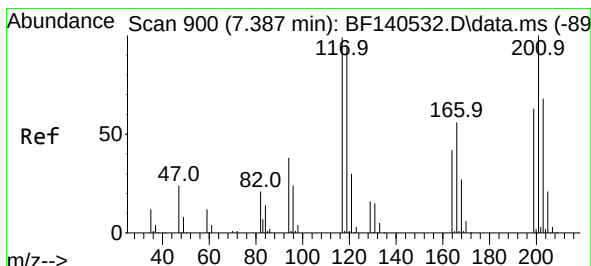
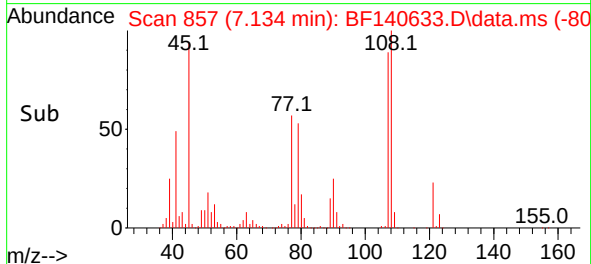
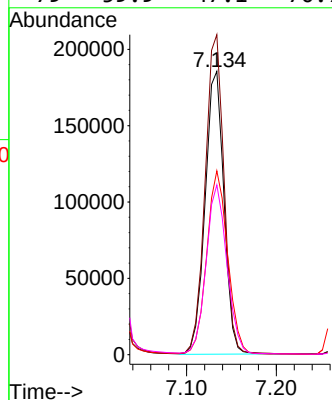
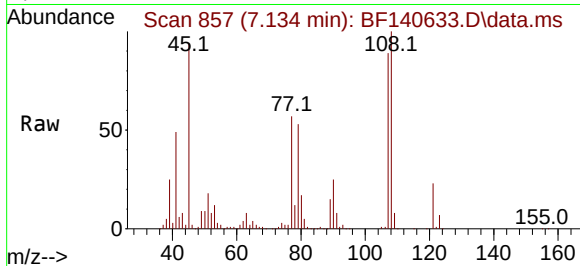




#17
2-Methylphenol
Concen: 49.509 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

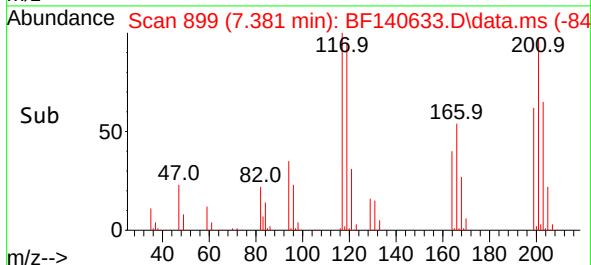
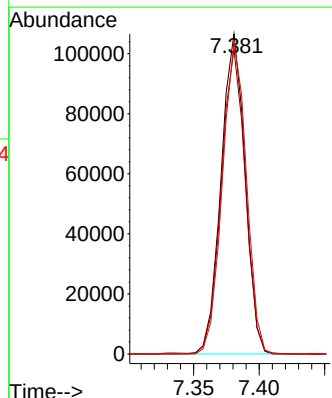
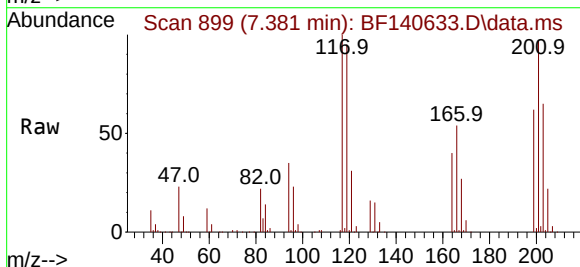
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

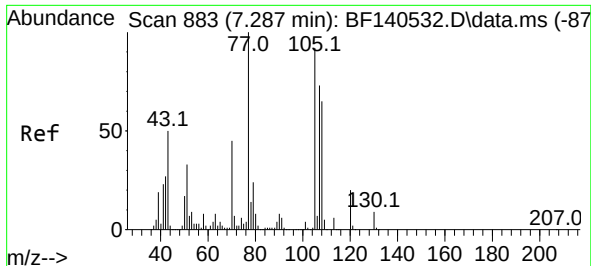
Tgt Ion:	107	Resp:	269594
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	64.9	49.3	73.9
79	59.9	47.1	70.7



#18
Hexachloroethane
Concen: 46.734 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:	117	Resp:	135087
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.1	115.7
201	97.4	81.1	121.7



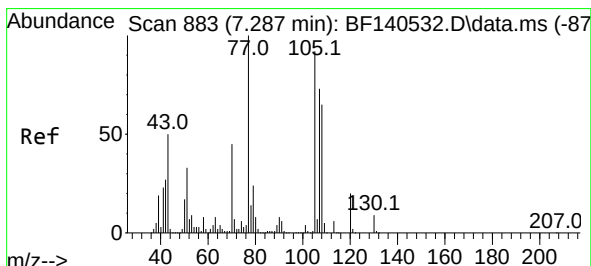
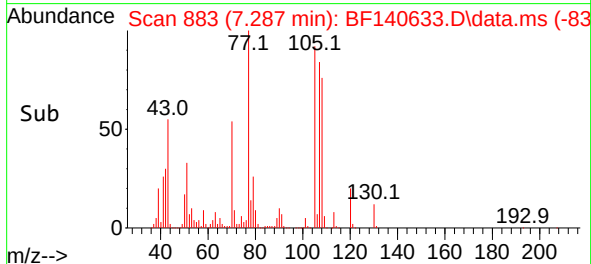
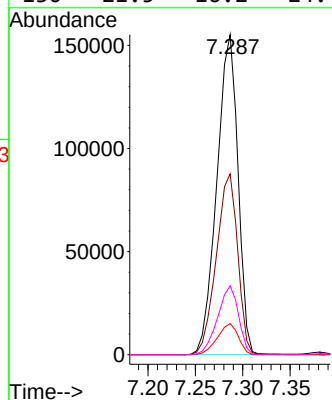
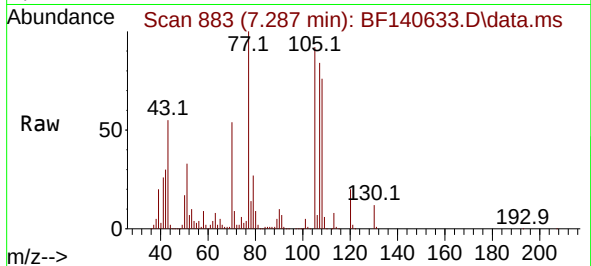


#19
n-Nitroso-di-n-propylamine
Concen: 48.799 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB165203BSD

Tgt Ion: 70 Resp: 241077

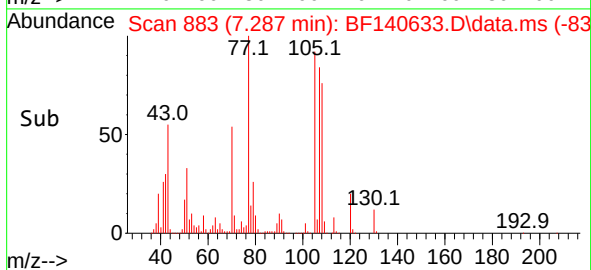
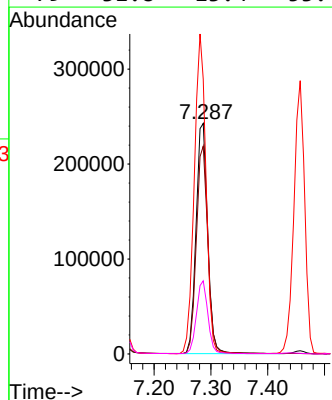
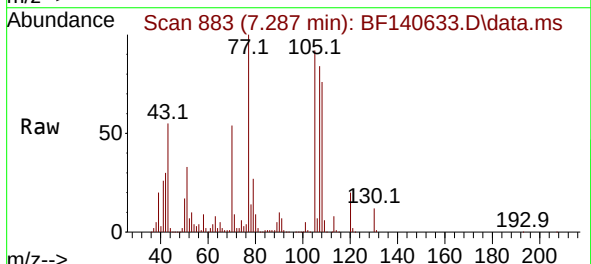
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.6	71.4
101	9.7	7.6	11.4
130	21.5	16.2	24.4

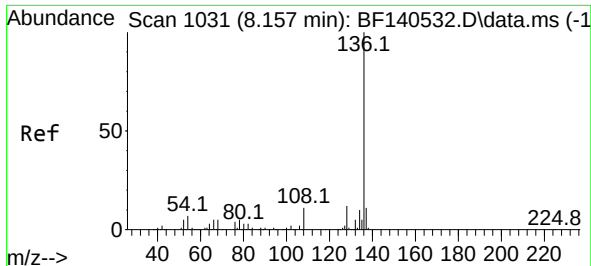


#20
3+4-Methylphenols
Concen: 49.299 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 107 Resp: 345049

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	119.2	117.7	157.7
79	31.8	13.4	53.4

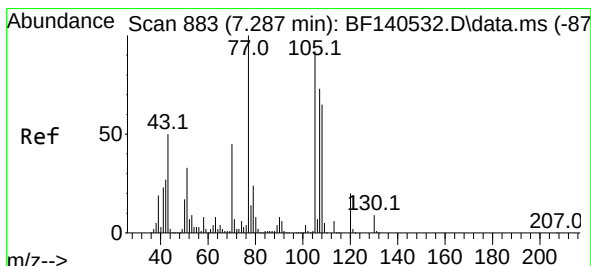
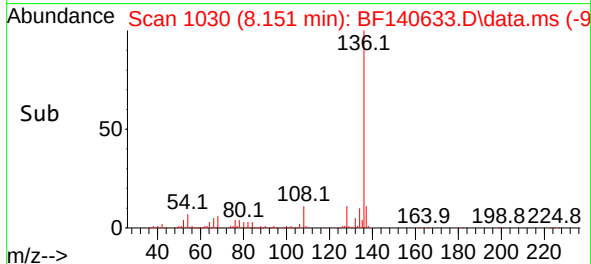
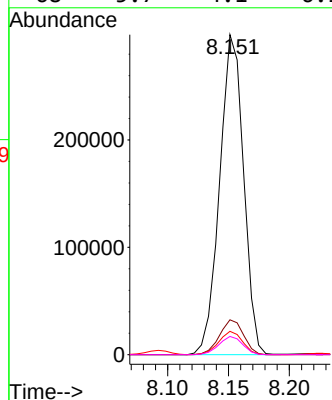
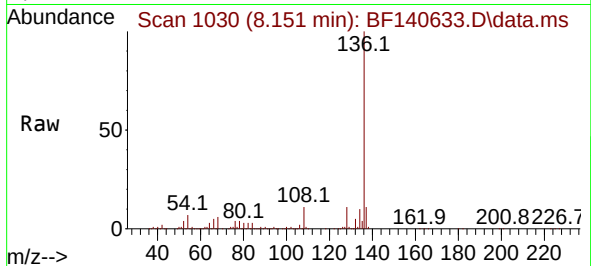




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

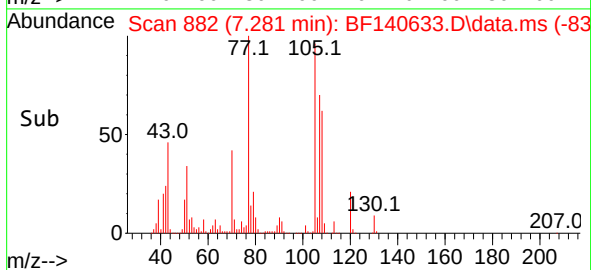
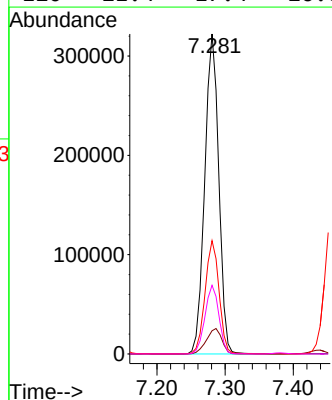
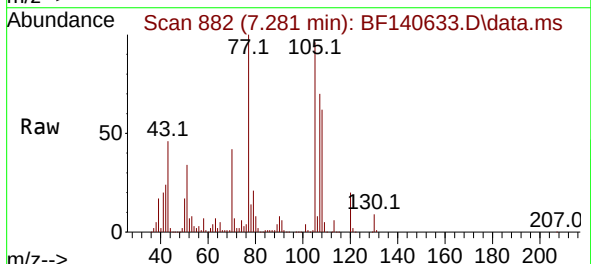
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

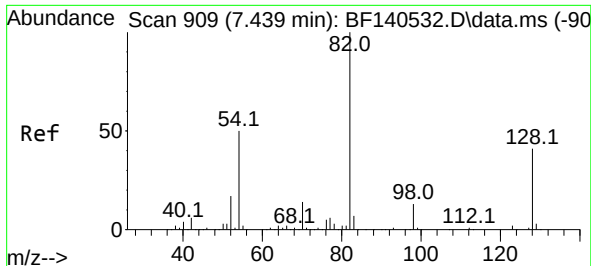
Tgt Ion:136 Resp: 407913
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.8 8.8
68 5.7 4.1 6.1



#22
Acetophenone
Concen: 46.390 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:105 Resp: 461338
Ion Ratio Lower Upper
105 100
71 7.3 6.2 9.2
51 35.4 29.0 43.6
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 93.096 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

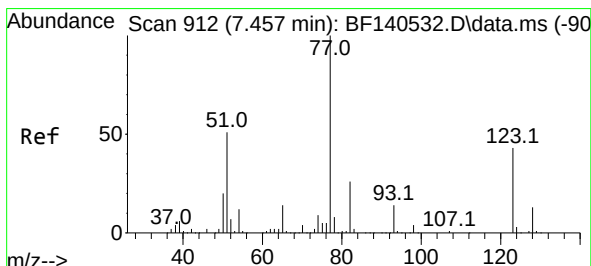
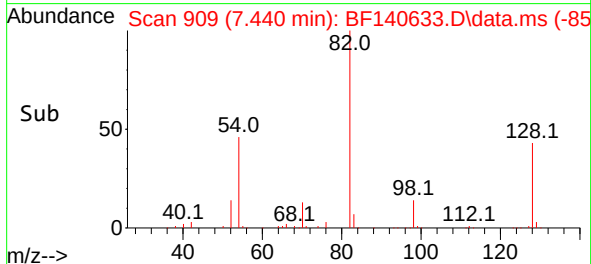
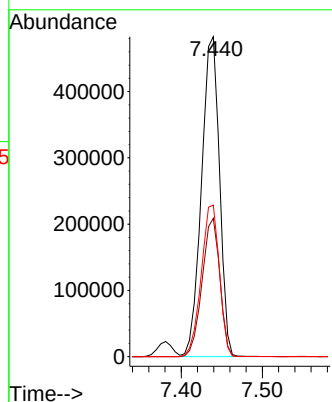
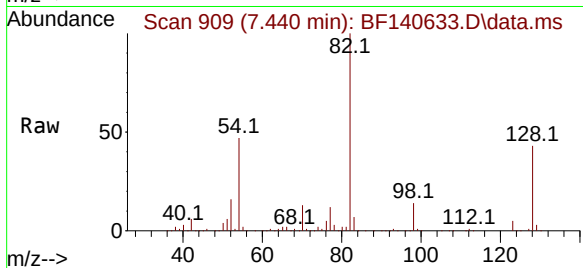
Tgt Ion: 82 Resp: 742425

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 47.4 39.5 59.3



#24

Nitrobenzene

Concen: 45.704 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

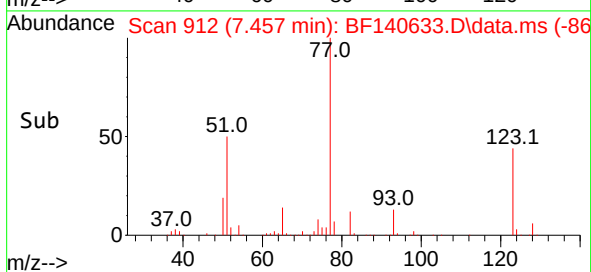
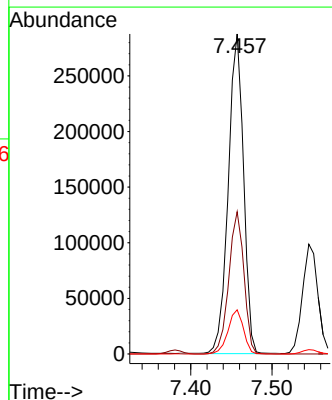
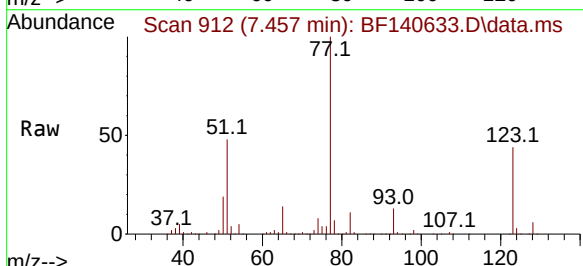
Tgt Ion: 77 Resp: 376700

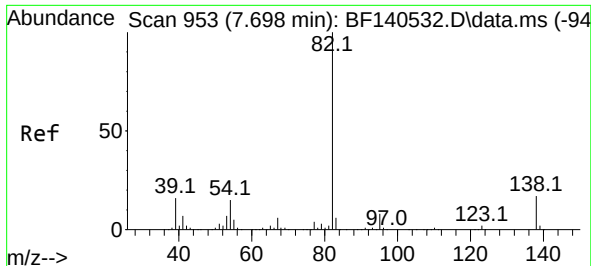
Ion Ratio Lower Upper

77 100

123 44.4 34.3 51.5

65 13.8 11.2 16.8

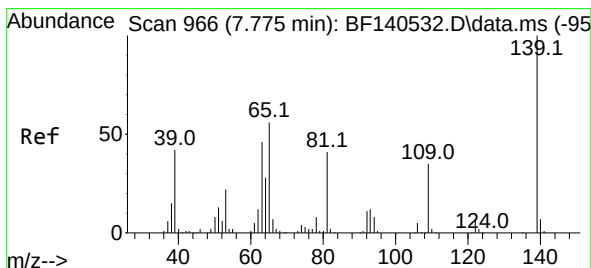
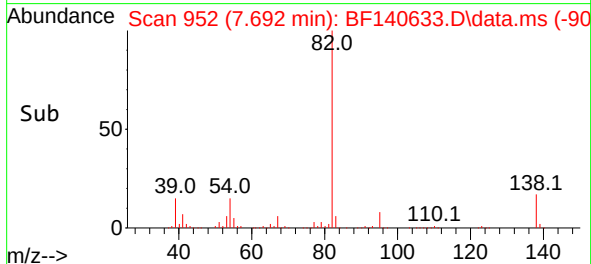
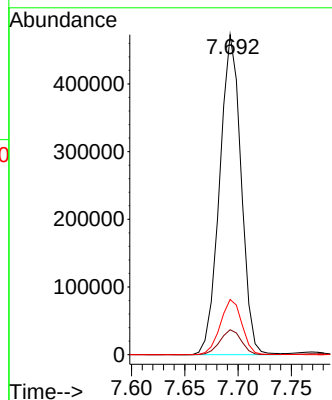
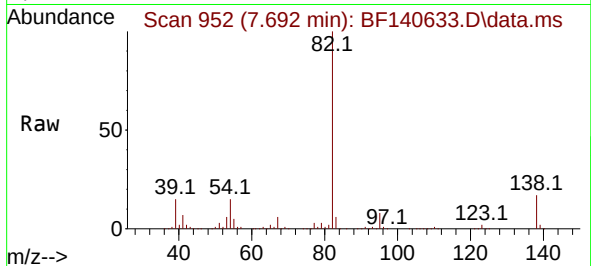




#25
Isophorone
Concen: 49.746 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

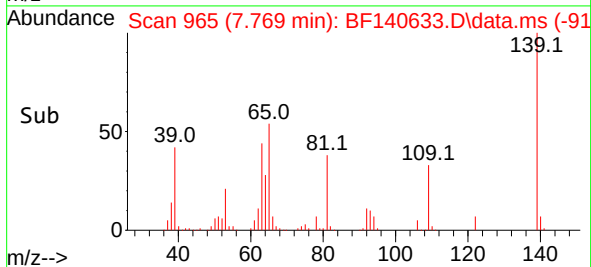
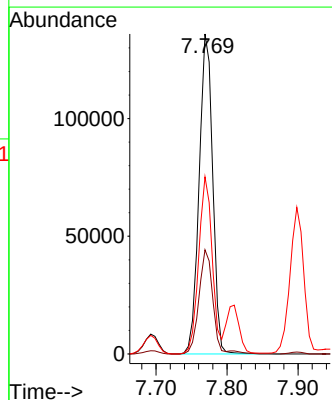
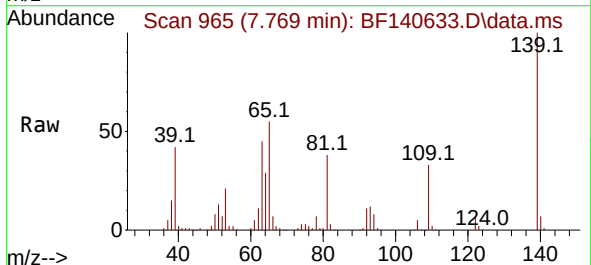
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

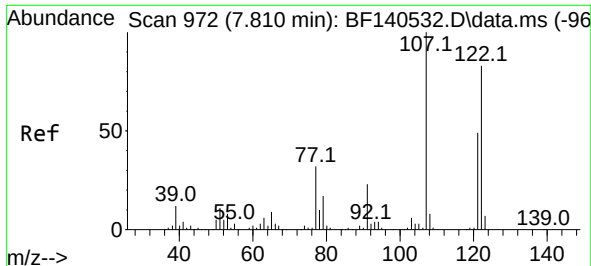
Tgt Ion: 82 Resp: 661683
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 49.629 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:139 Resp: 181274
Ion Ratio Lower Upper
139 100
109 32.6 28.0 42.0
65 55.3 44.6 67.0

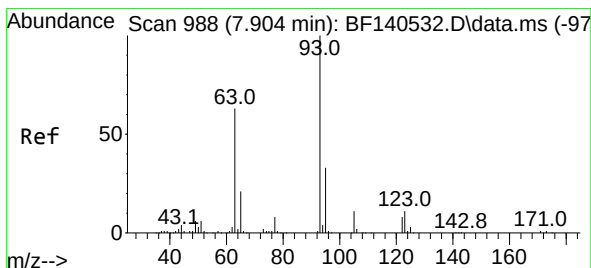
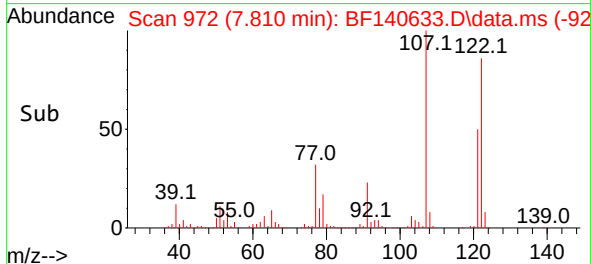
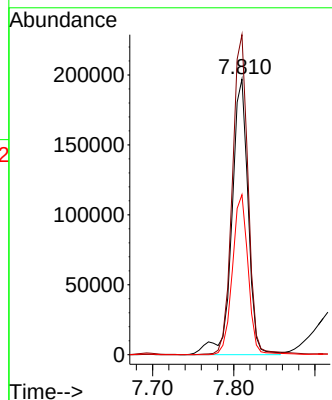
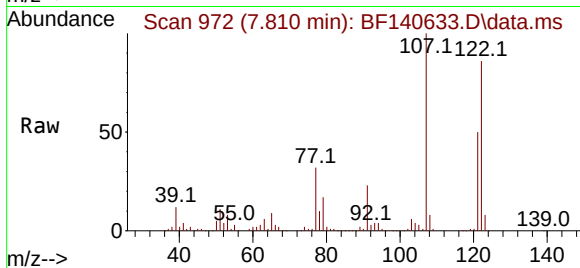




#27
2,4-Dimethylphenol
Concen: 62.689 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

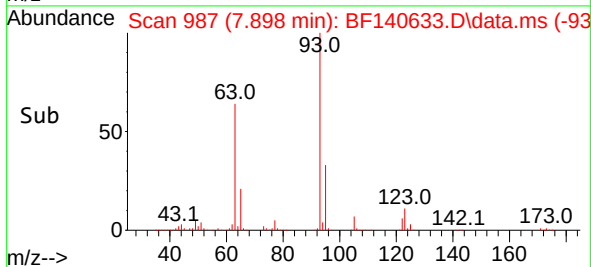
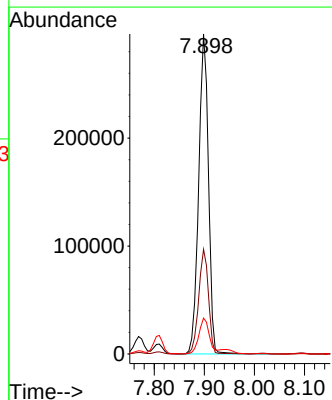
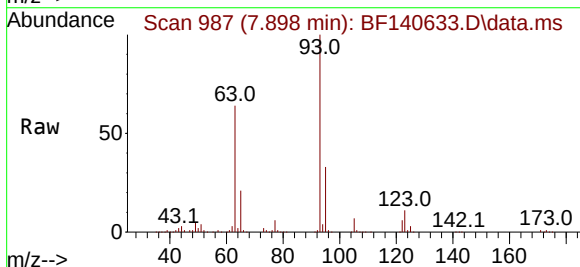
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

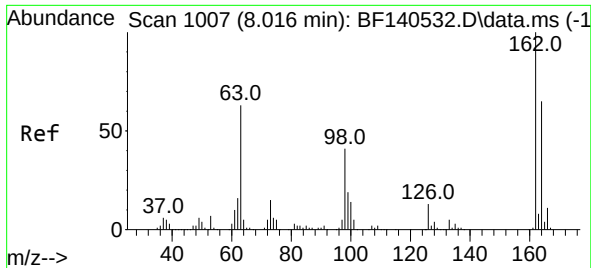
Tgt Ion:122 Resp: 273966
Ion Ratio Lower Upper
122 100
107 116.1 96.8 145.2
121 58.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.444 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 93 Resp: 400657
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.844 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

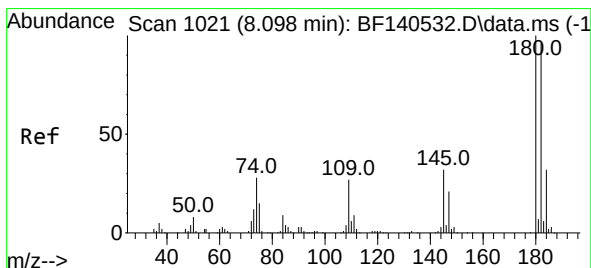
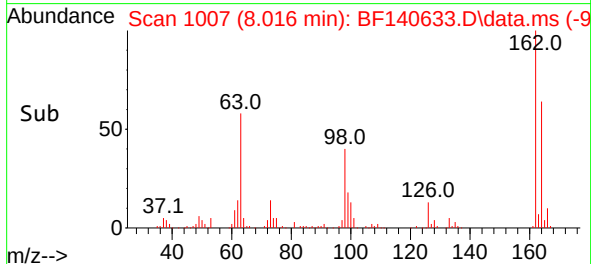
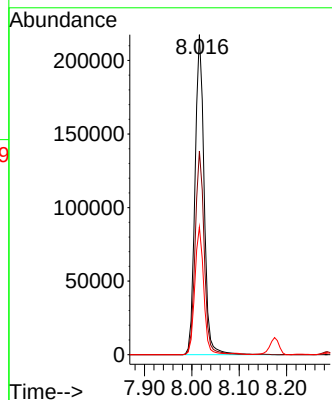
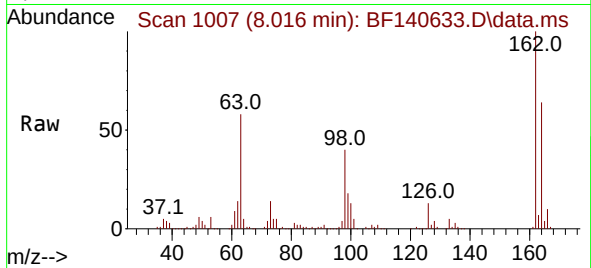
Tgt Ion:162 Resp: 288638

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

98 39.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 46.019 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

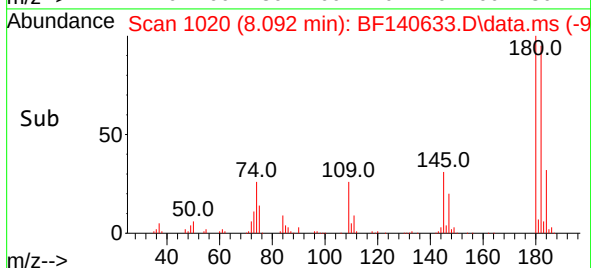
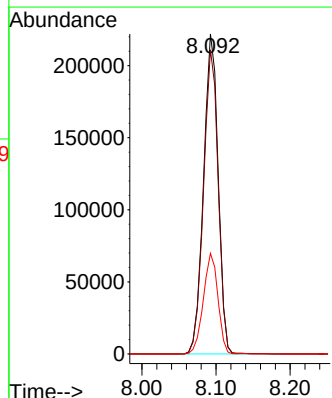
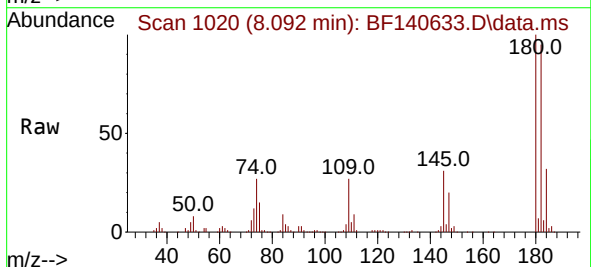
Tgt Ion:180 Resp: 304273

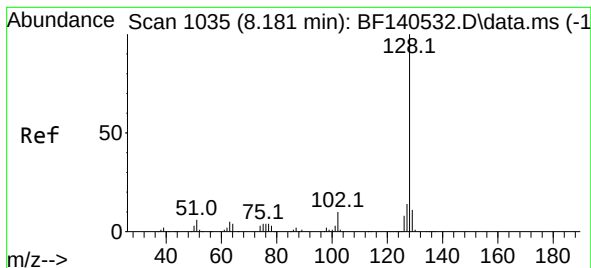
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 47.640 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

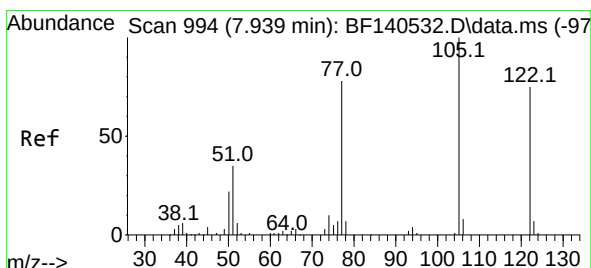
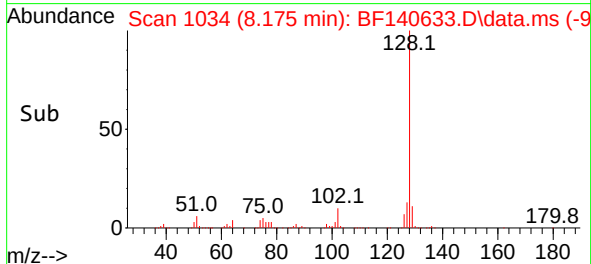
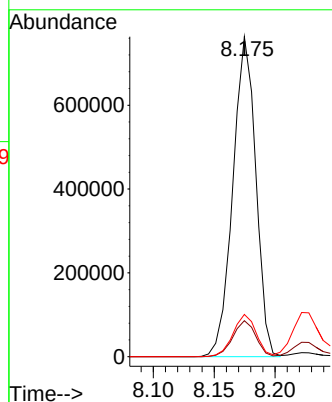
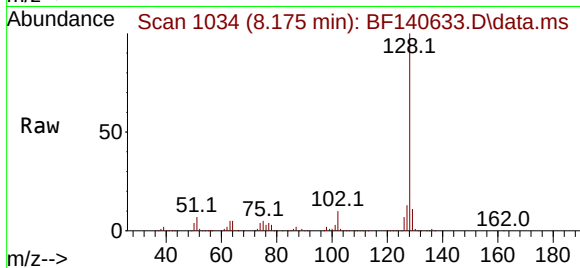
Tgt Ion:128 Resp: 1000969

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 44.456 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

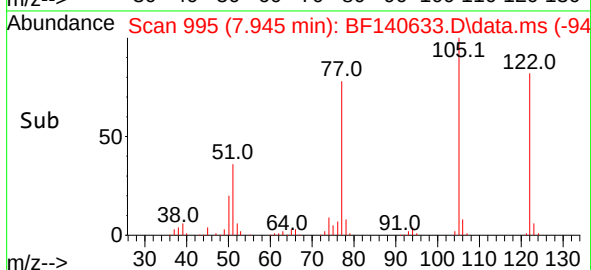
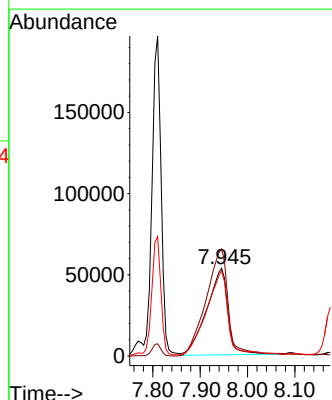
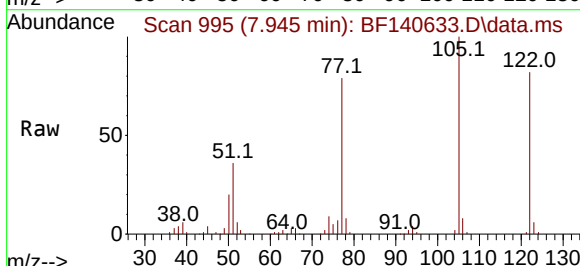
Tgt Ion:122 Resp: 166692

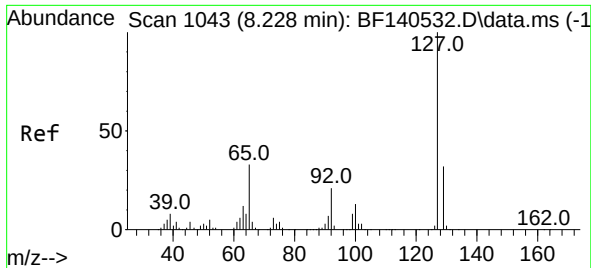
Ion Ratio Lower Upper

122 100

105 122.3 109.3 149.3

77 96.9 82.3 122.3

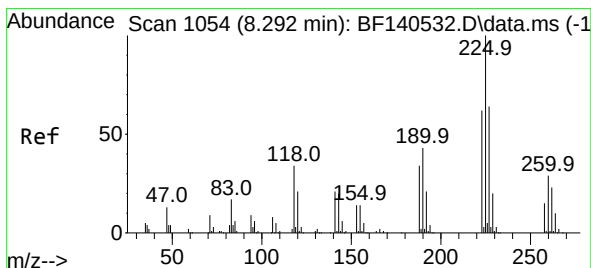
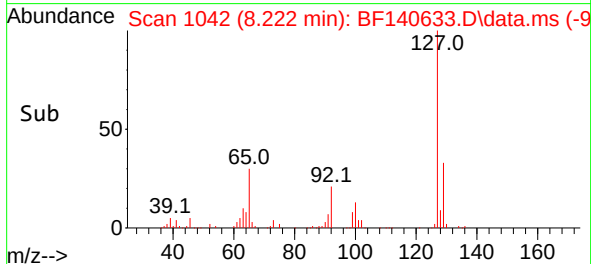
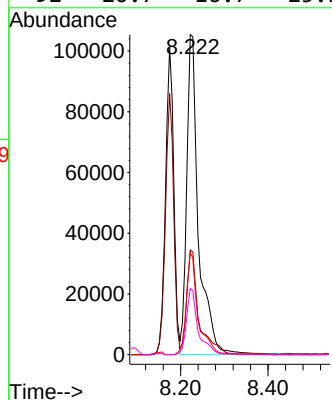
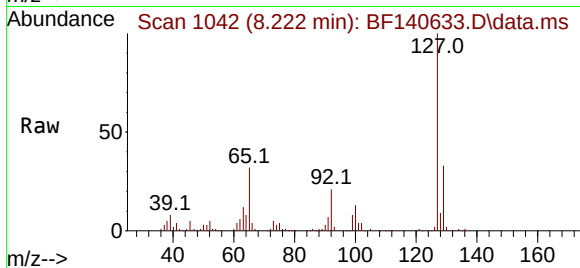




#33
4-Chloroaniline
Concen: 31.209 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

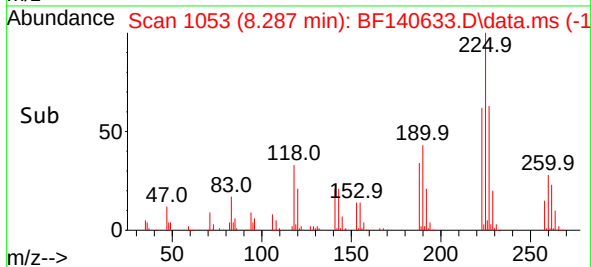
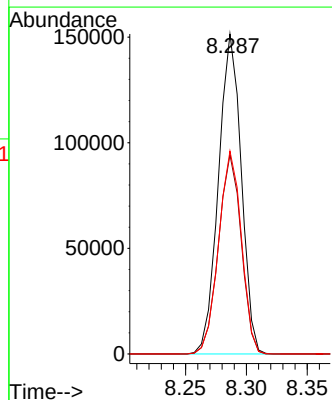
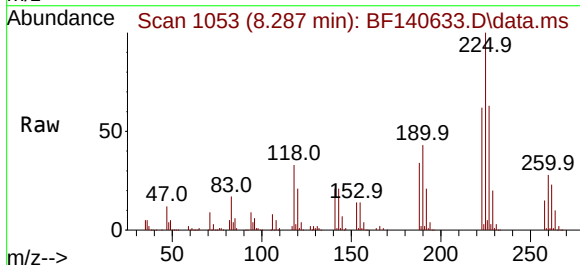
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

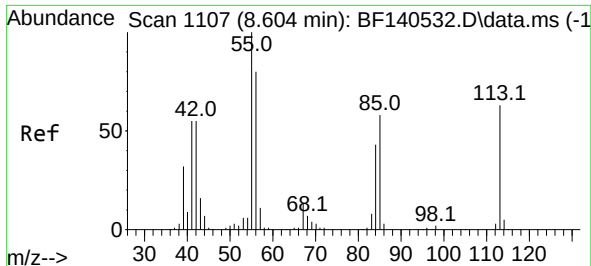
Tgt Ion:	127	Resp:	196332
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	32.1	26.0	39.0
92	20.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 45.054 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:	225	Resp:	197310
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	63.4	51.3	76.9

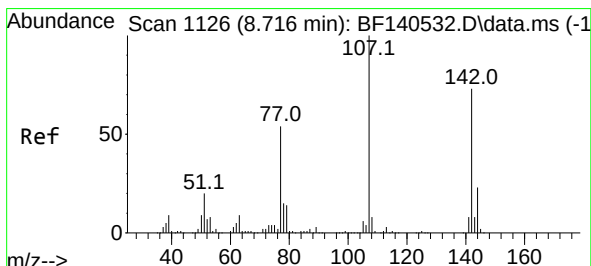
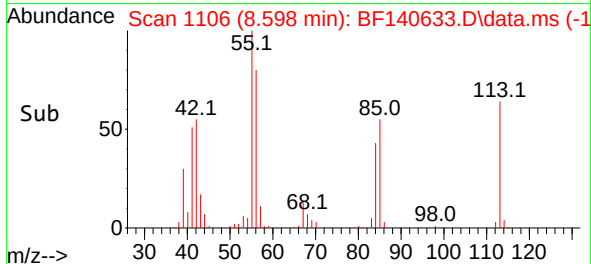
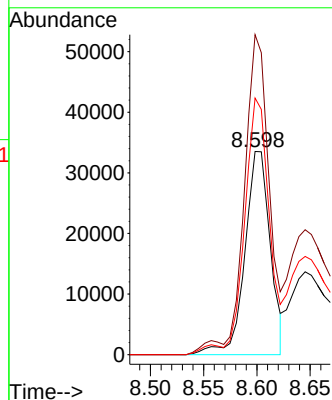
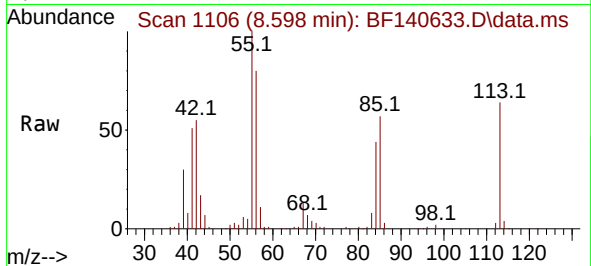




#35
 Caprolactam
 Concen: 31.059 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

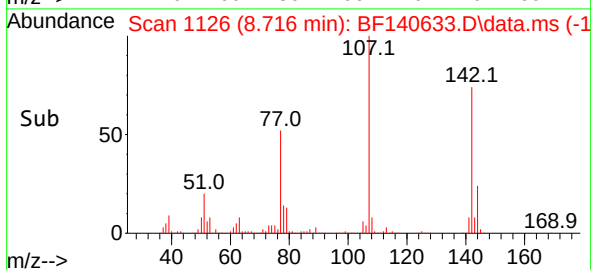
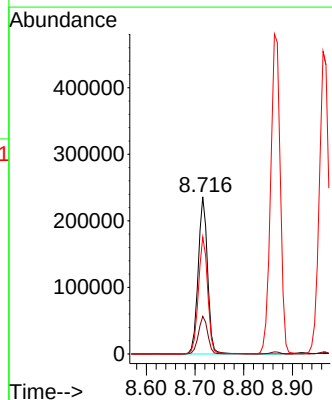
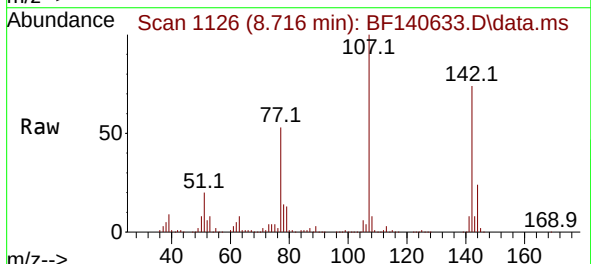
Instrument :
 BNA_F
 ClientSampleId :
 PB165203BSD

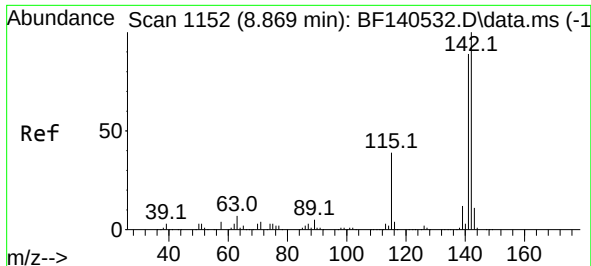
Tgt Ion:113 Resp: 55660
 Ion Ratio Lower Upper
 113 100
 55 157.4 137.7 177.7
 56 126.3 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.027 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

Tgt Ion:107 Resp: 317874
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 74.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.982 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

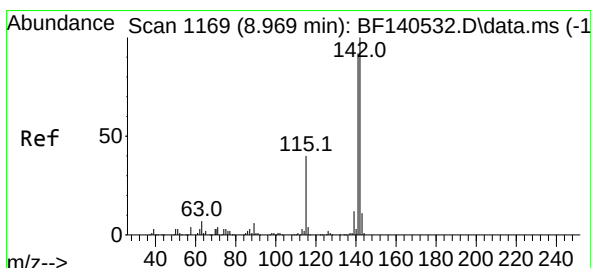
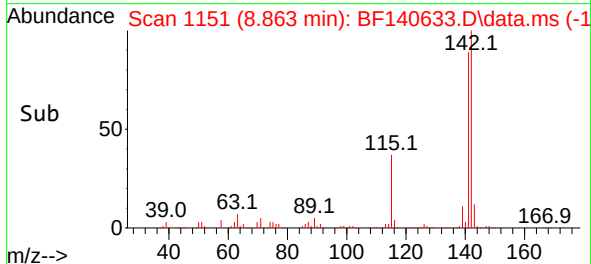
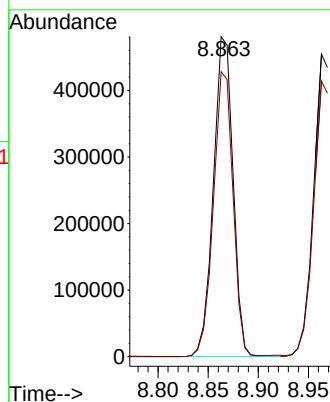
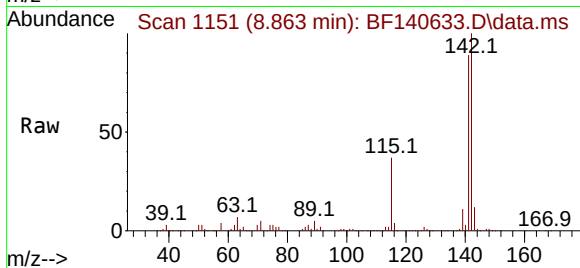
PB165203BSD

Tgt Ion:142 Resp: 653678

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.380 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140633.D

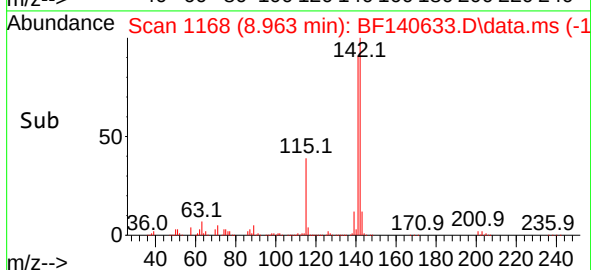
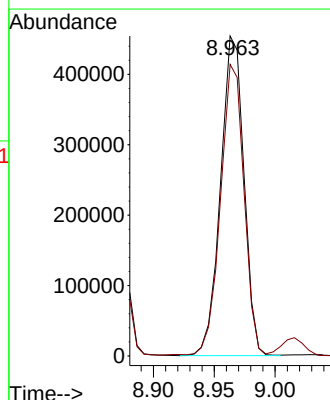
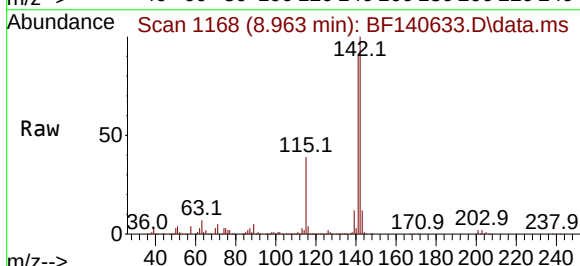
Acq: 26 Nov 2024 11:20

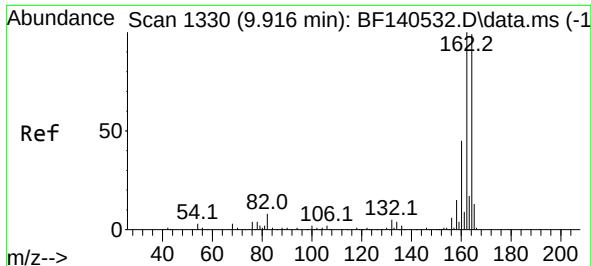
Tgt Ion:142 Resp: 606698

Ion Ratio Lower Upper

142 100

141 91.1 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: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

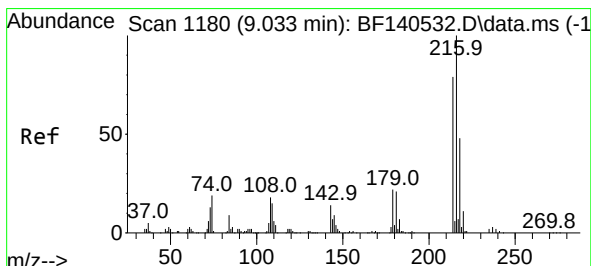
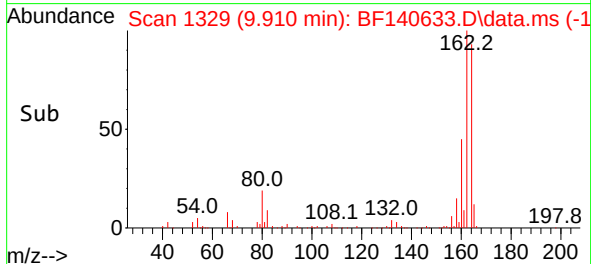
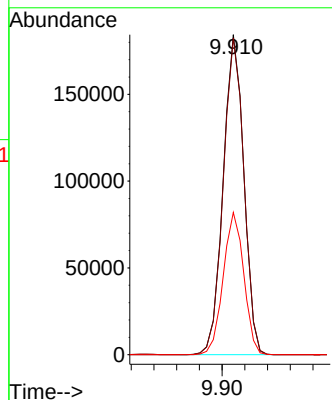
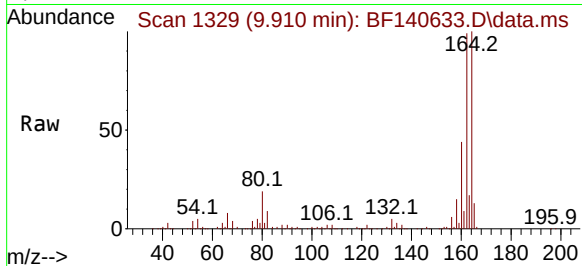
Tgt Ion:164 Resp: 232317

Ion Ratio Lower Upper

164 100

162 99.0 80.6 120.8

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.143 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Tgt Ion:216 Resp: 313826

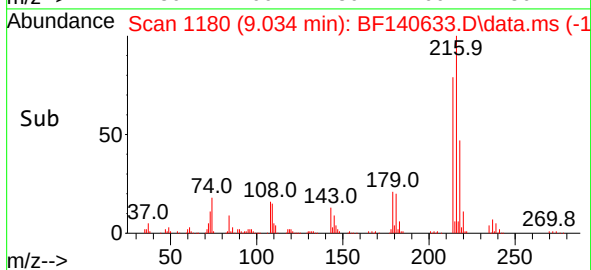
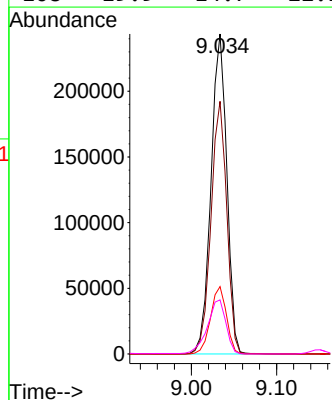
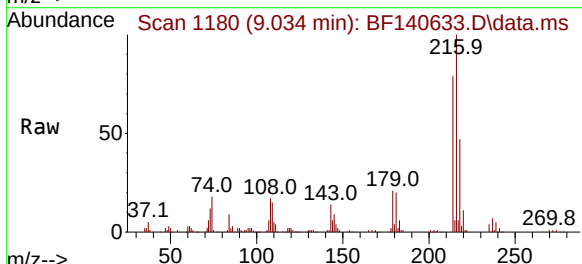
Ion Ratio Lower Upper

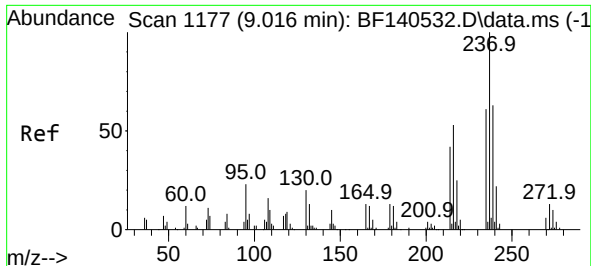
216 100

214 78.8 63.0 94.4

179 21.2 17.5 26.3

108 19.9 14.7 22.1

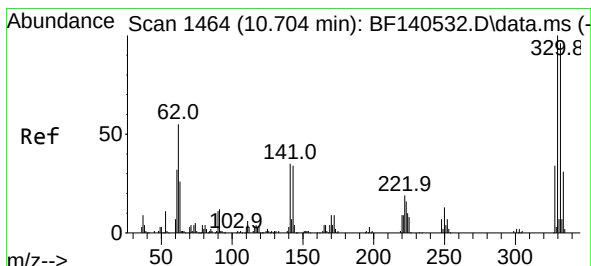
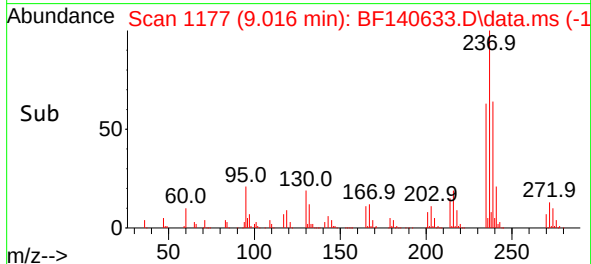
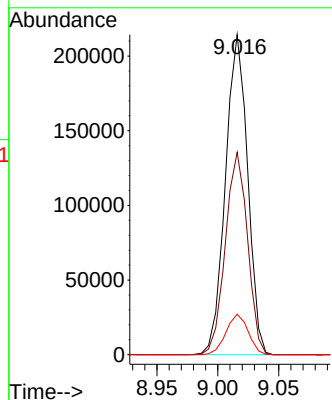
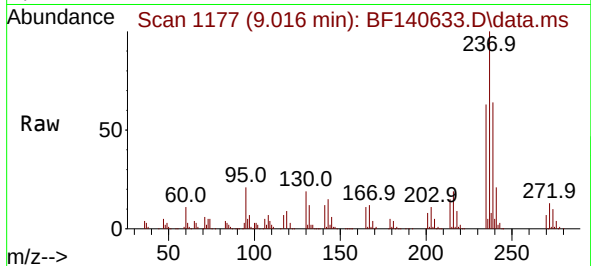




#41
Hexachlorocyclopentadiene
Concen: 168.824 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

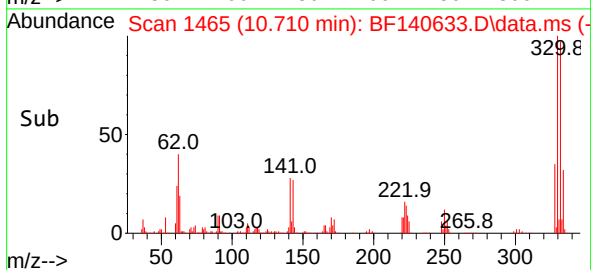
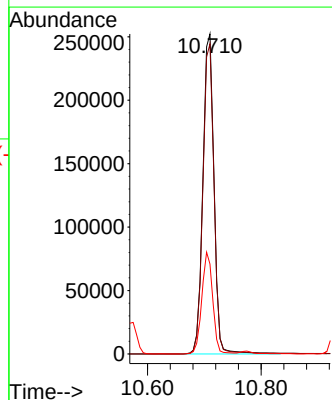
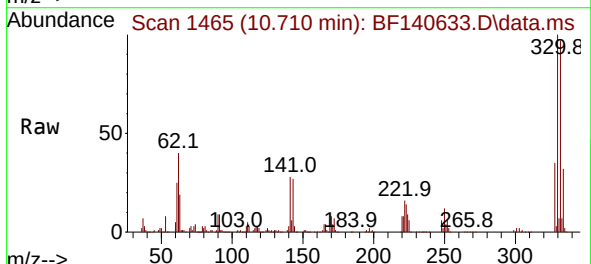
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

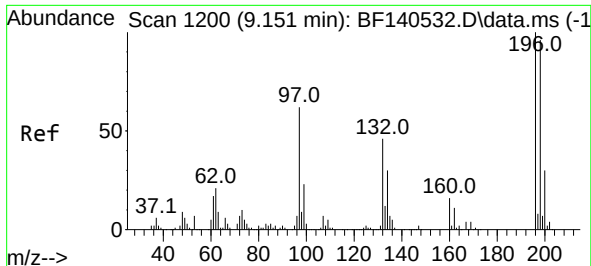
Tgt Ion:237 Resp: 271705
Ion Ratio Lower Upper
237 100
235 63.3 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 137.984 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:330 Resp: 342841
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 31.2 26.7 40.1

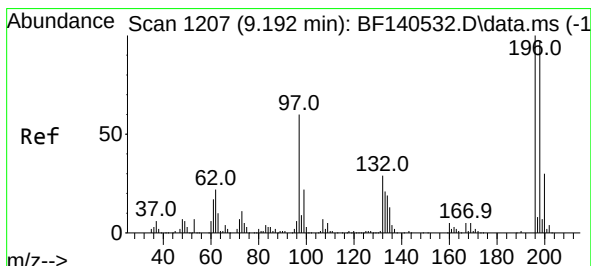
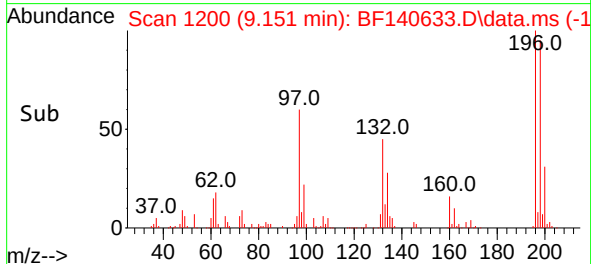
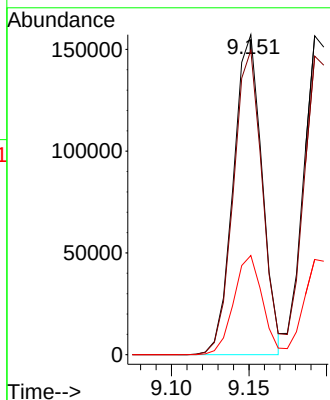
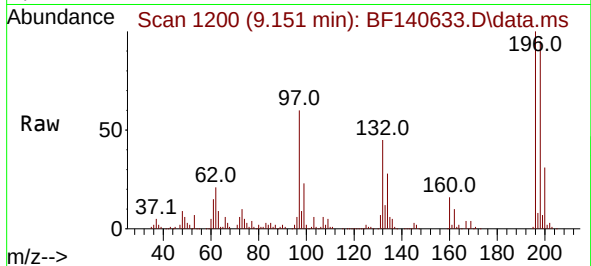




#43
2,4,6-Trichlorophenol
Concen: 47.363 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

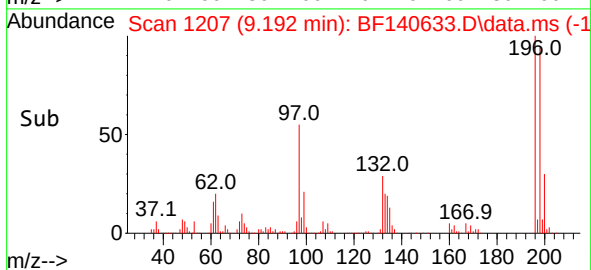
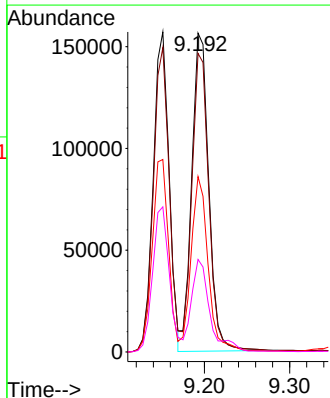
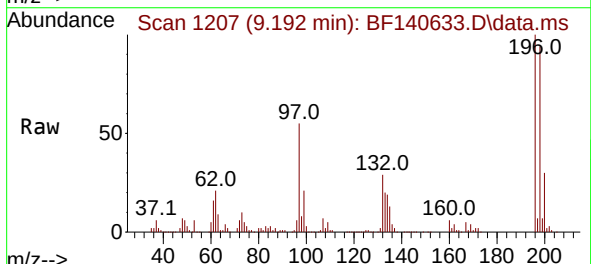
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

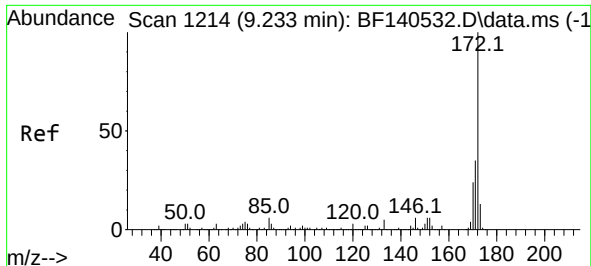
Tgt Ion:196 Resp: 202126
Ion Ratio Lower Upper
196 100
198 95.1 76.8 115.2
200 31.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.835 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:196 Resp: 216921
Ion Ratio Lower Upper
196 100
198 93.6 77.2 115.8
97 55.0 47.1 70.7
132 29.0 24.1 36.1

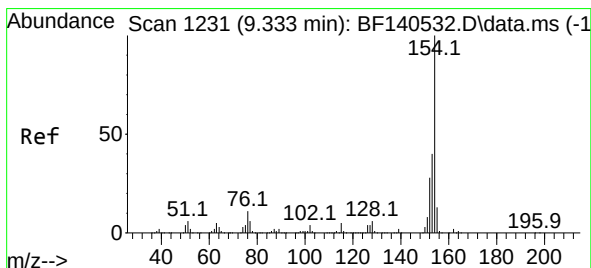
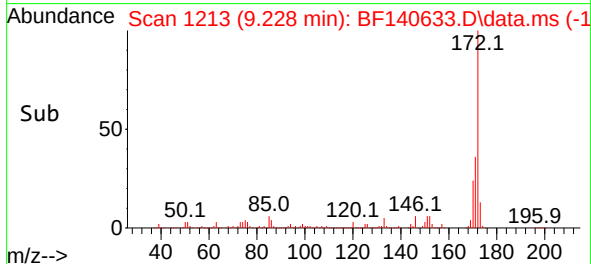
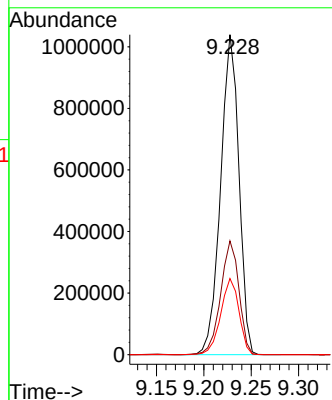
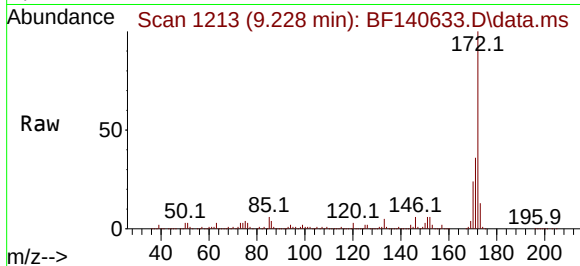




#45
2-Fluorobiphenyl
Concen: 89.775 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

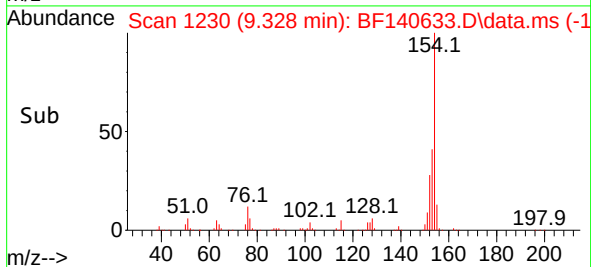
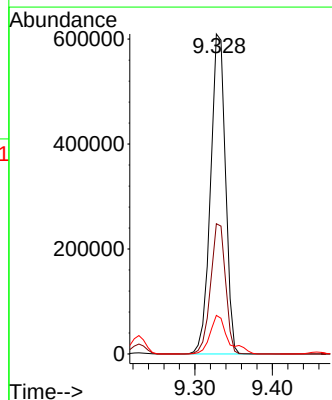
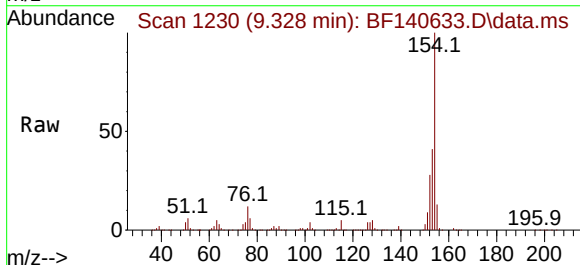
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

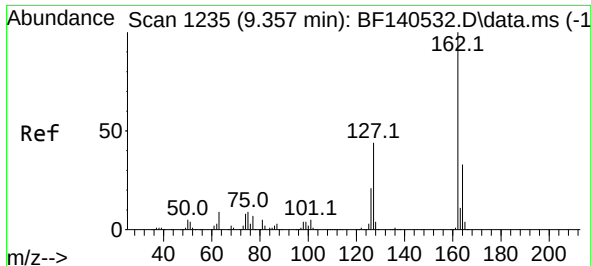
Tgt Ion:172 Resp: 1399809
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.028 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:154 Resp: 815696
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 12.1 0.0 31.2

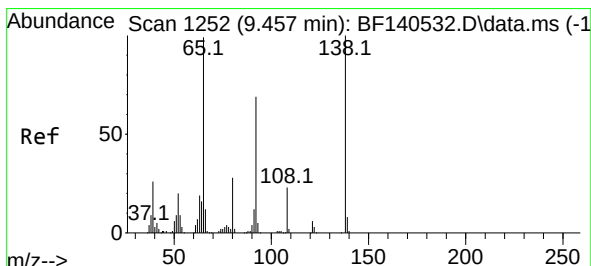
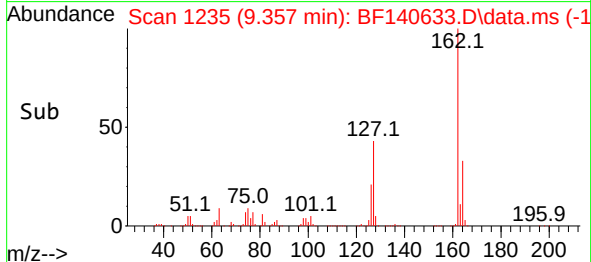
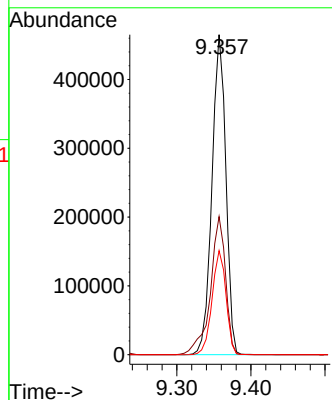
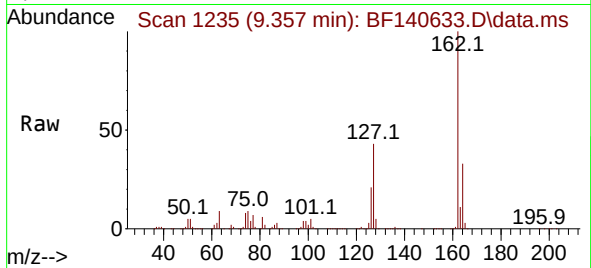




#47
2-Chloronaphthalene
Concen: 46.120 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

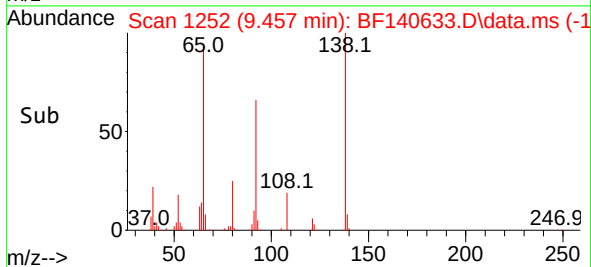
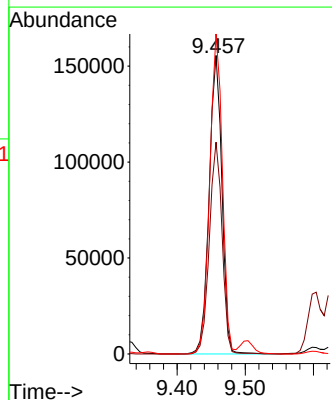
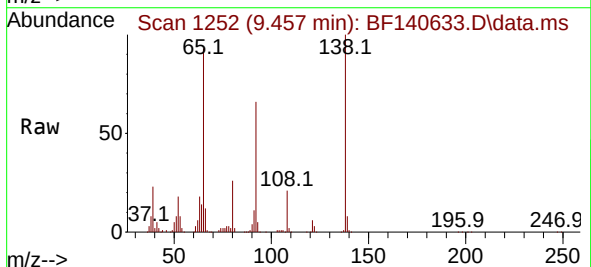
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

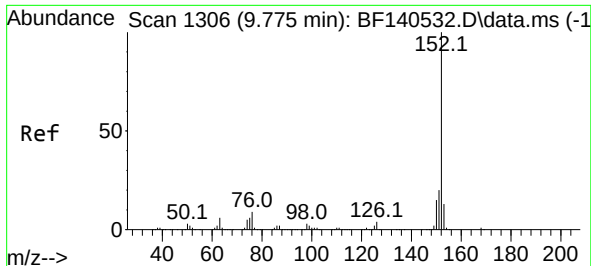
Tgt Ion:162 Resp: 606136
Ion Ratio Lower Upper
162 100
127 43.1 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 48.179 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion: 65 Resp: 203244
Ion Ratio Lower Upper
65 100
92 71.0 56.1 84.1
138 107.2 81.0 121.6

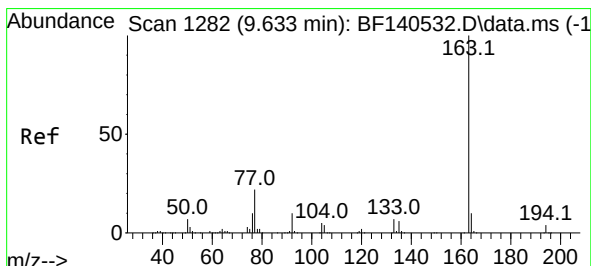
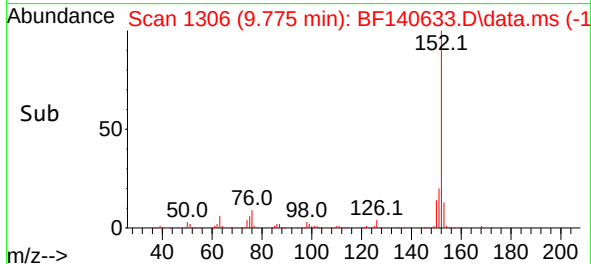
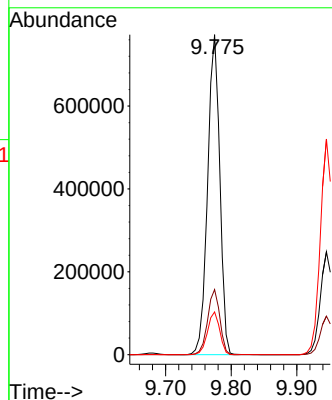
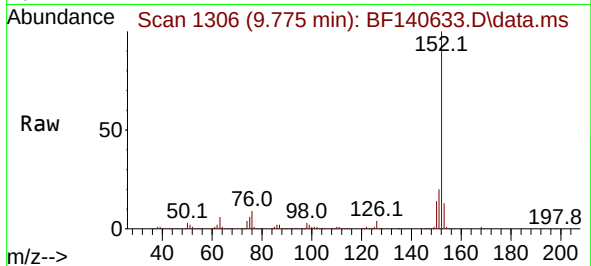




#49
Acenaphthylene
Concen: 50.282 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

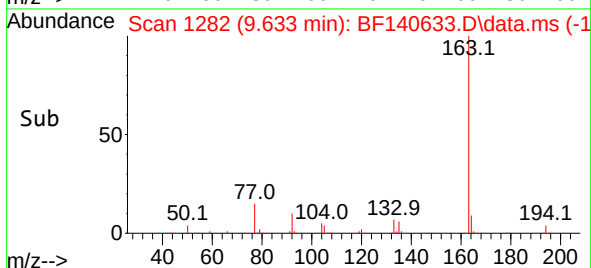
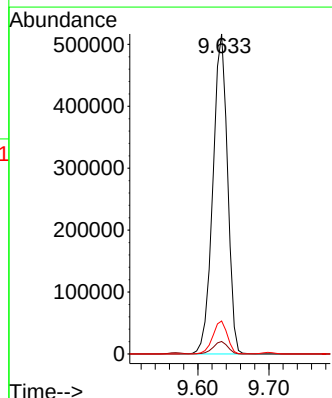
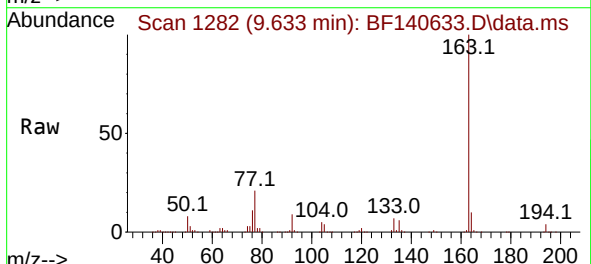
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

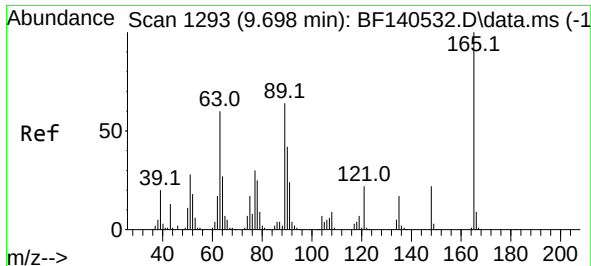
Tgt Ion:152 Resp: 998493
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 48.308 ng
RT: 9.633 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:163 Resp: 739126
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.843 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

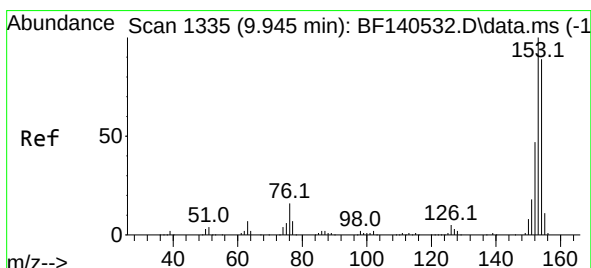
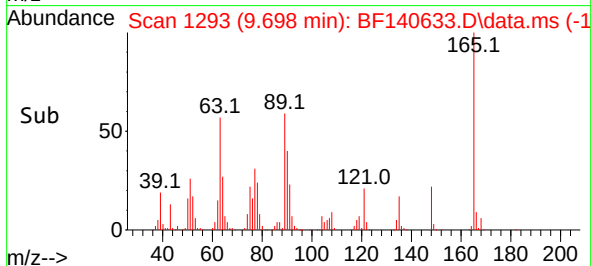
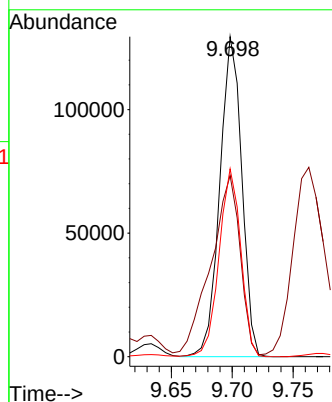
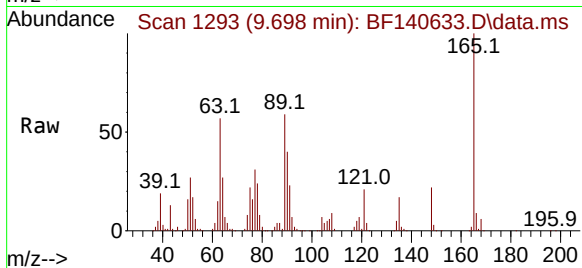
Tgt Ion:165 Resp: 162546

Ion Ratio Lower Upper

165 100

63 56.6 49.9 74.9

89 58.7 50.9 76.3



#52

Acenaphthene

Concen: 47.485 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

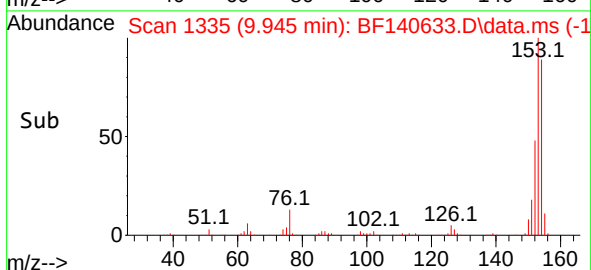
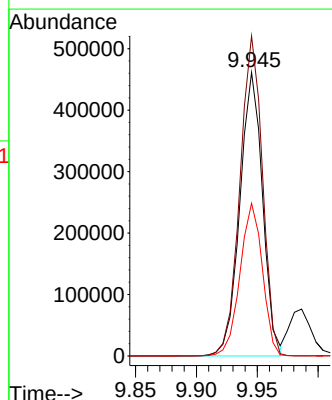
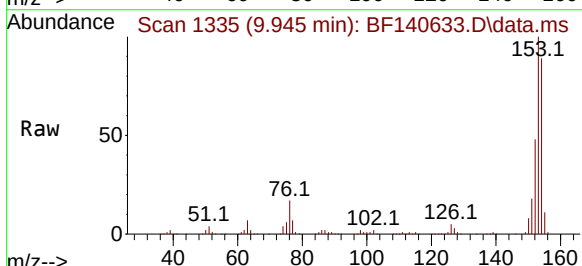
Tgt Ion:154 Resp: 599136

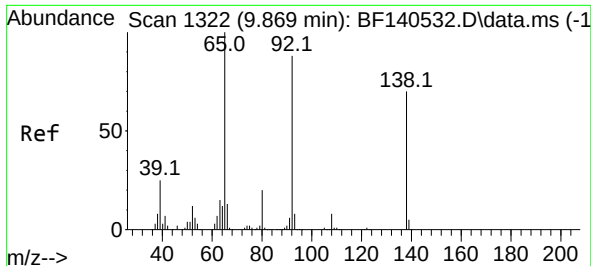
Ion Ratio Lower Upper

154 100

153 112.9 89.7 134.5

152 53.8 42.5 63.7

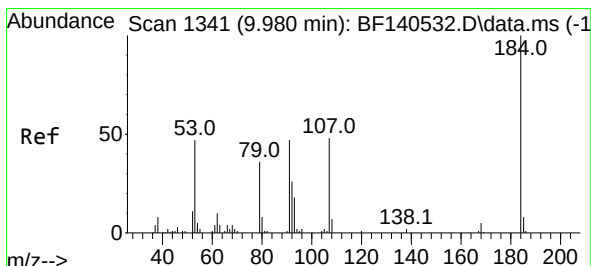
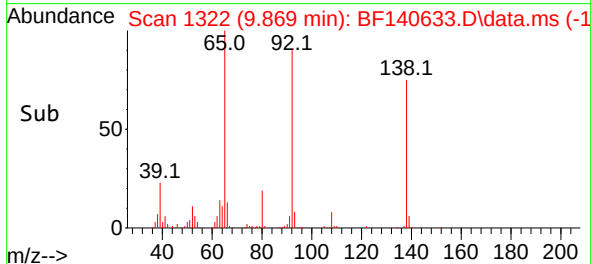
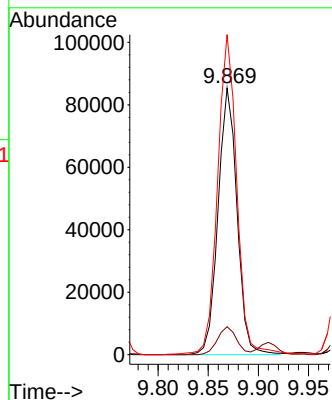
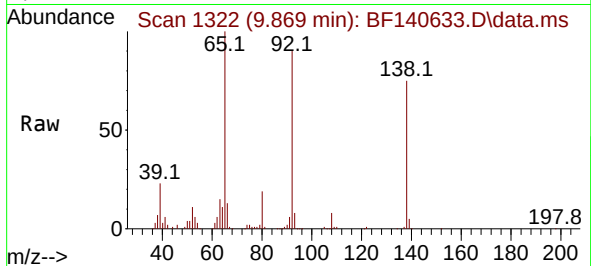




#53
3-Nitroaniline
Concen: 33.044 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

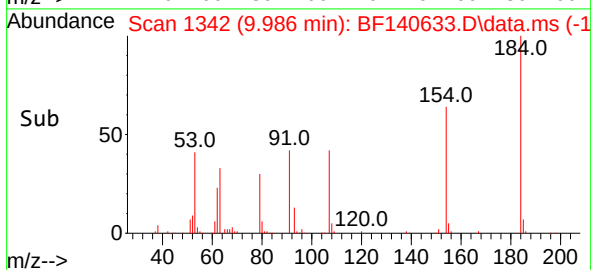
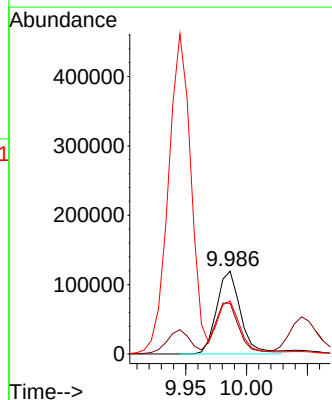
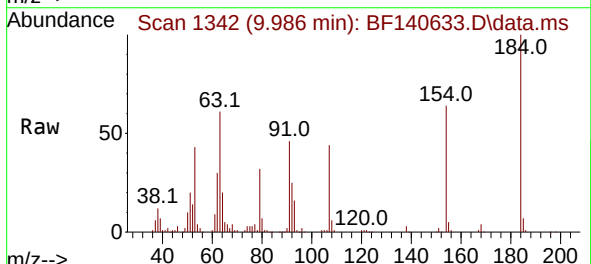
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

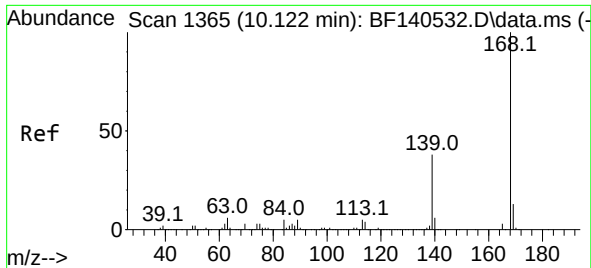
Tgt Ion:138 Resp: 112146
Ion Ratio Lower Upper
138 100
108 10.5 9.2 13.8
92 120.1 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 89.926 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:184 Resp: 163544
Ion Ratio Lower Upper
184 100
63 61.3 54.1 81.1
154 64.0 57.4 86.0

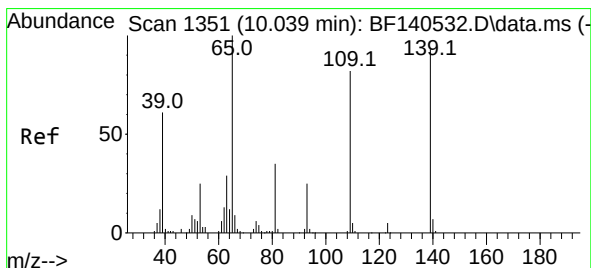
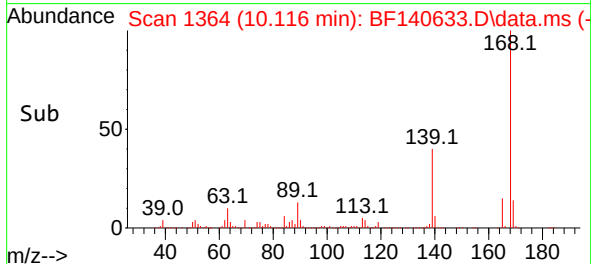
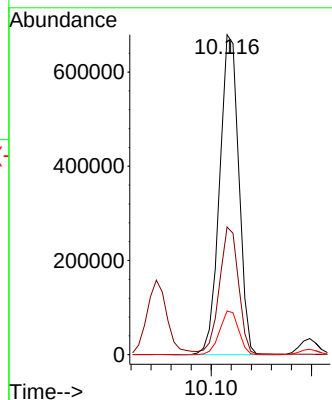
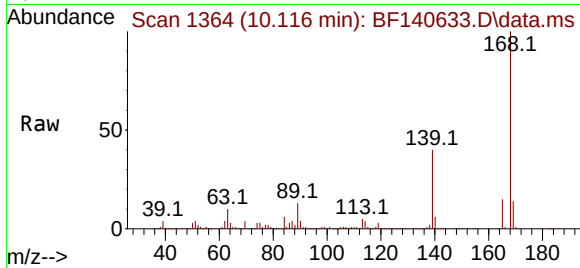




#55
Dibenzenofuran
Concen: 46.827 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

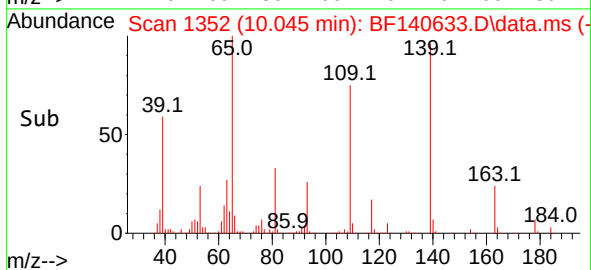
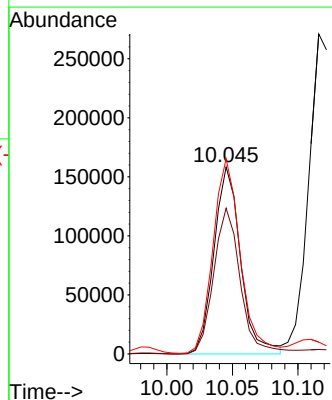
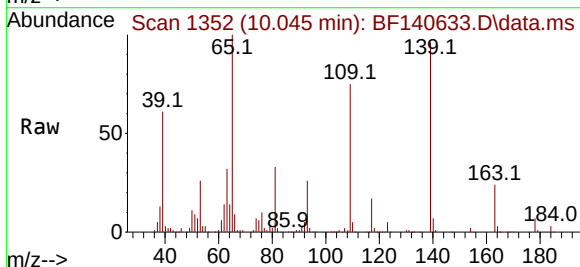
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

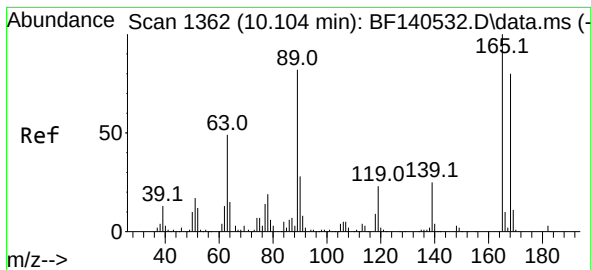
Tgt Ion:168 Resp: 901210
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 96.813 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:139 Resp: 224083
Ion Ratio Lower Upper
139 100
109 77.9 68.4 108.4
65 104.4 88.6 128.6

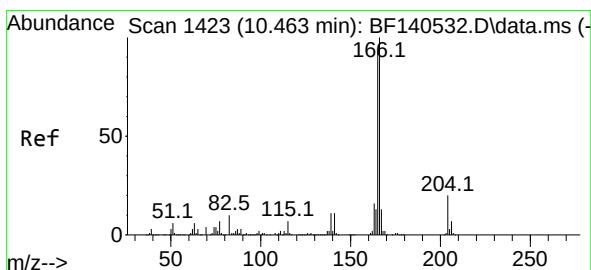
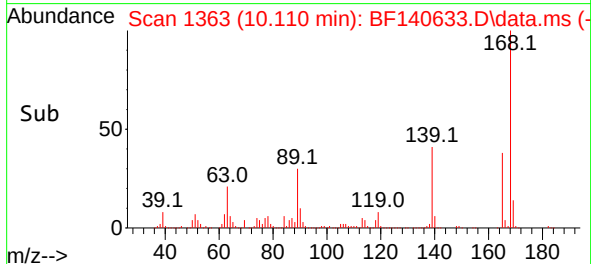
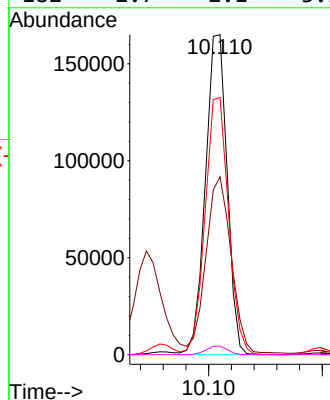
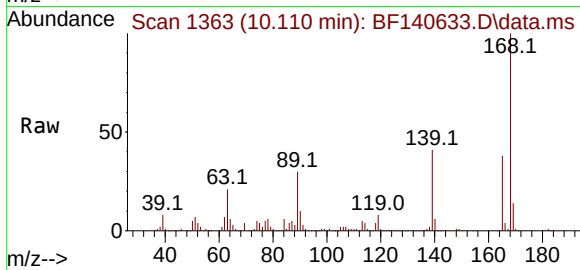




#57
2,4-Dinitrotoluene
Concen: 47.390 ng
RT: 10.110 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

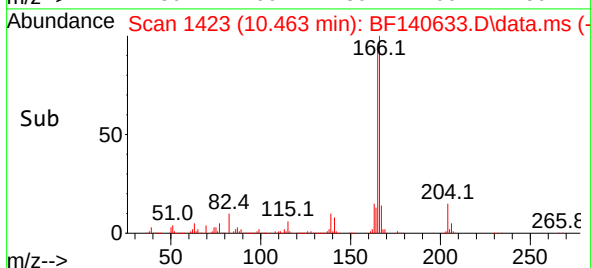
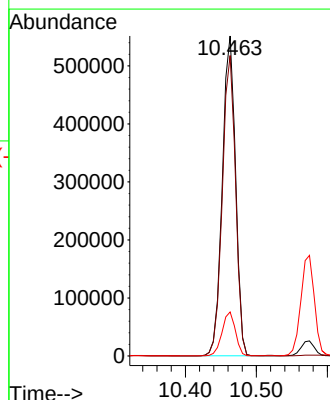
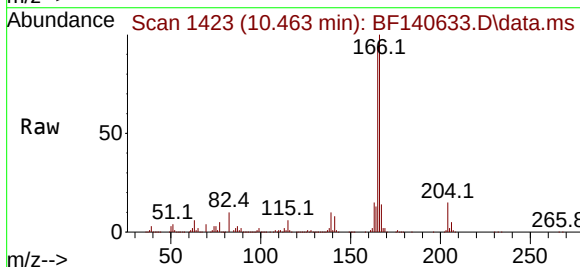
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

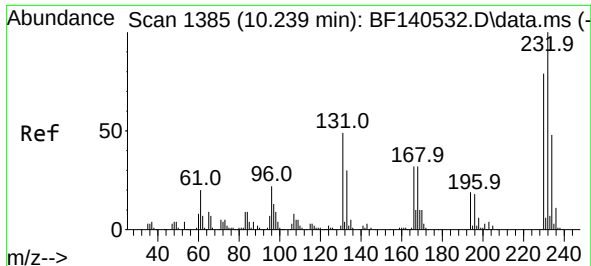
Tgt Ion:165 Resp: 218552
Ion Ratio Lower Upper
165 100
63 55.6 41.7 62.5
89 80.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 45.944 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:166 Resp: 709743
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.7 10.6 16.0



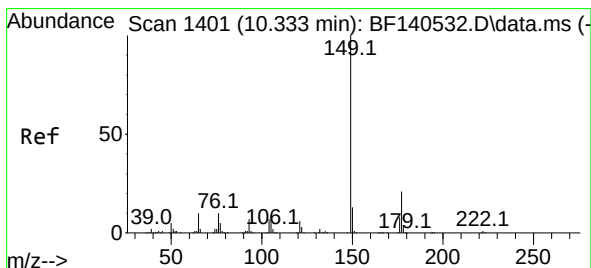
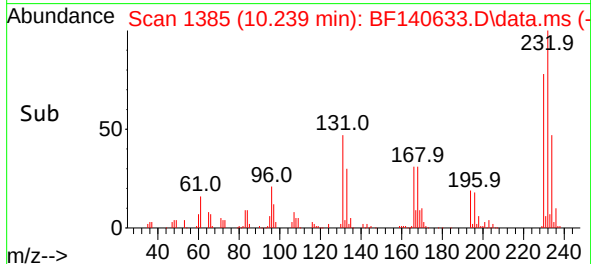
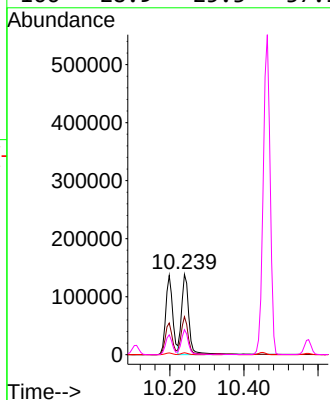
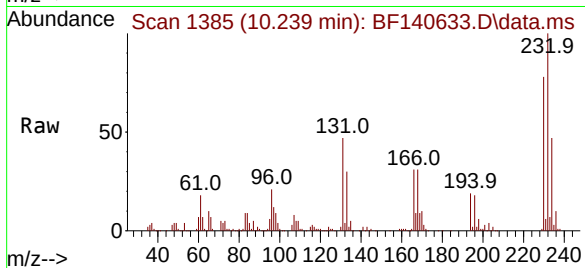


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.542 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB165203BSD

Tgt Ion:232 Resp: 190584

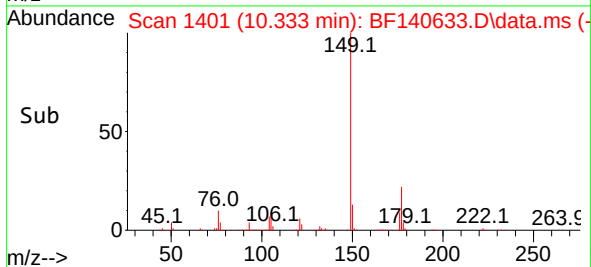
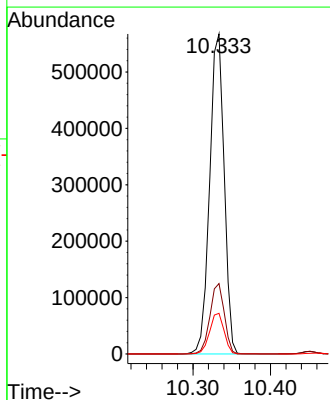
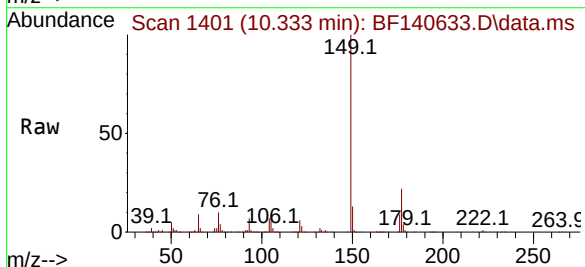
Ion	Ratio	Lower	Upper
232	100		
131	44.5	39.6	59.4
130	2.3	1.9	2.9
166	28.9	25.3	37.9

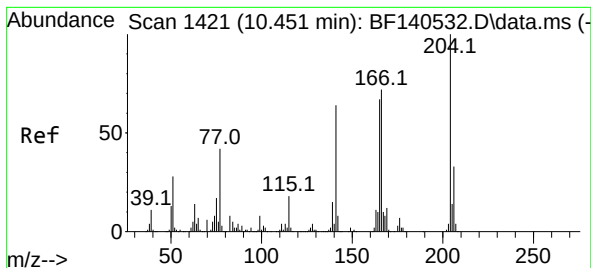


#60
Diethylphthalate
Concen: 47.451 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:149 Resp: 737643

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.7	10.1	15.1

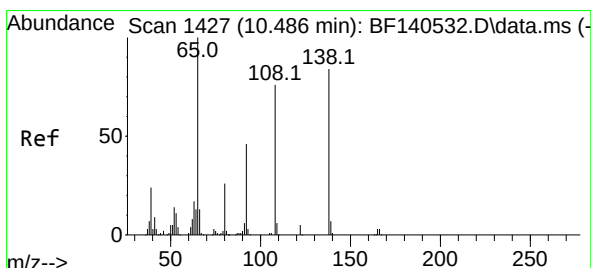
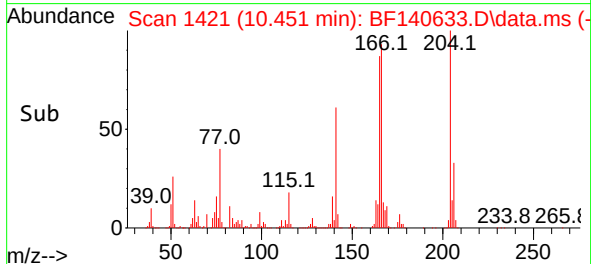
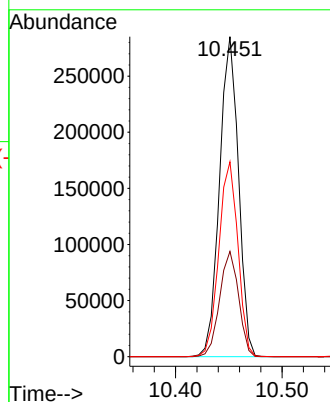
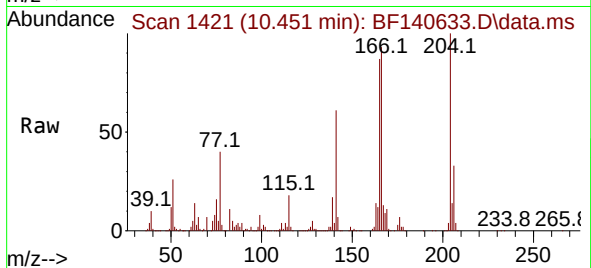




#61
4-Chlorophenyl-phenylether
Concen: 46.380 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

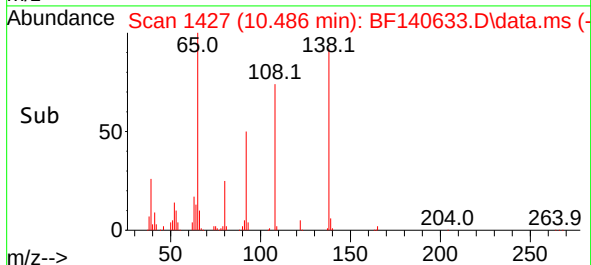
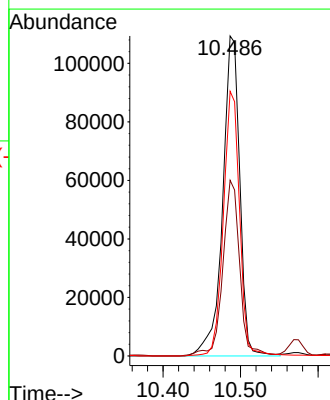
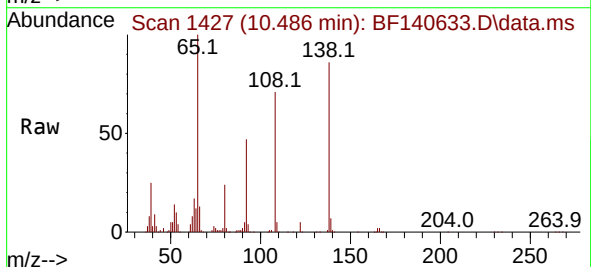
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

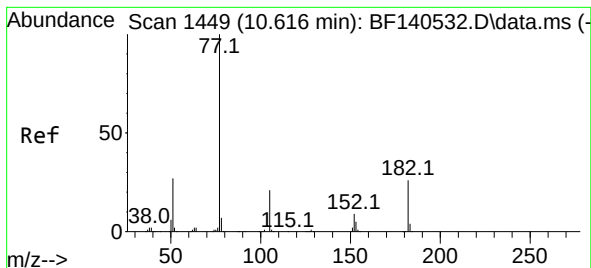
Tgt Ion:204 Resp: 351614
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.9 51.1 76.7



#62
4-Nitroaniline
Concen: 47.207 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:138 Resp: 168035
Ion Ratio Lower Upper
138 100
92 54.9 34.5 74.5
108 82.7 70.6 110.6





#63

Azobenzene

Concen: 48.377 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

Tgt Ion: 77 Resp: 712172

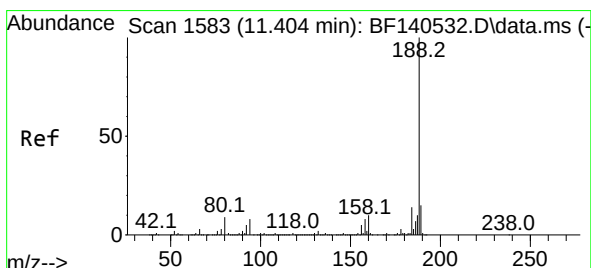
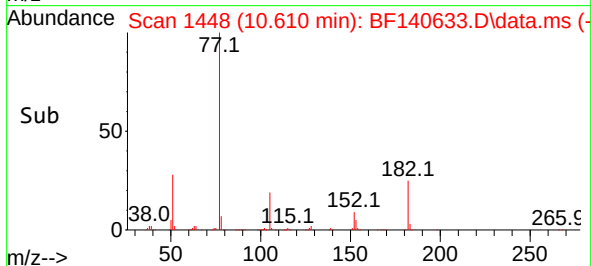
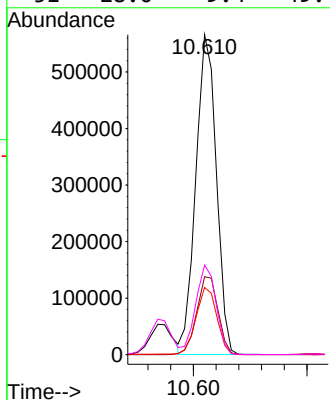
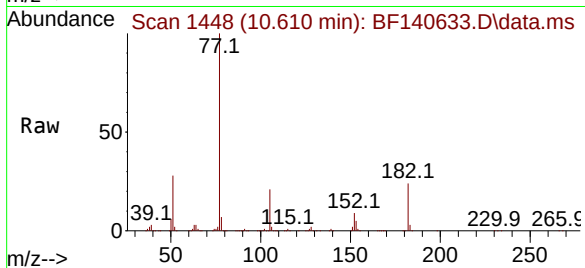
Ion Ratio Lower Upper

77 100

182 24.4 5.3 45.3

105 21.0 0.3 40.3

51 28.0 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: BF140633.D

Acq: 26 Nov 2024 11:20

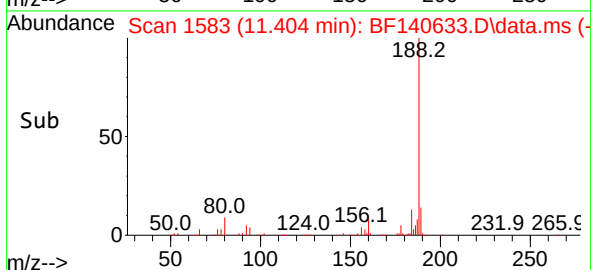
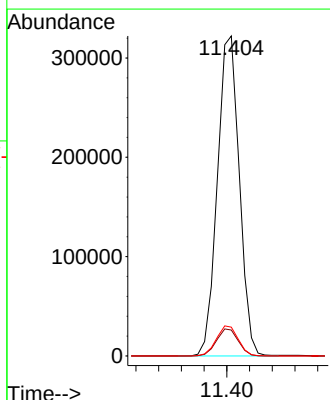
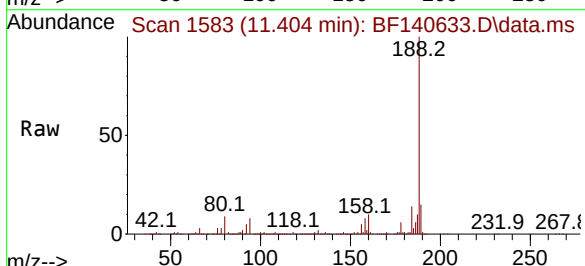
Tgt Ion: 188 Resp: 432267

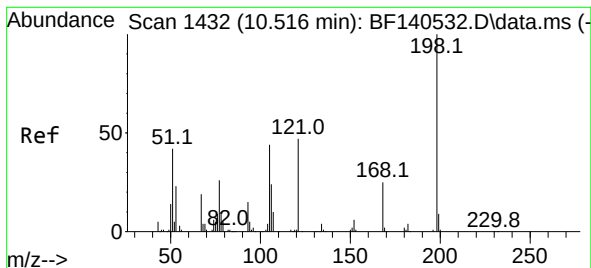
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.0 6.9 10.3

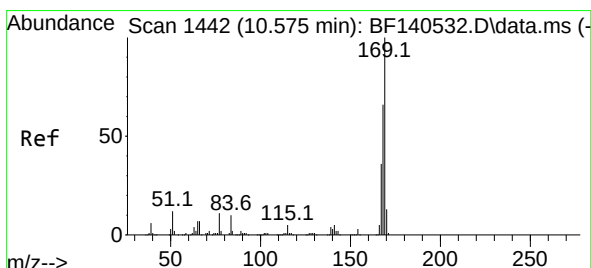
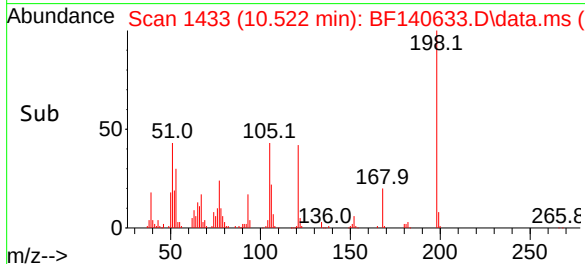
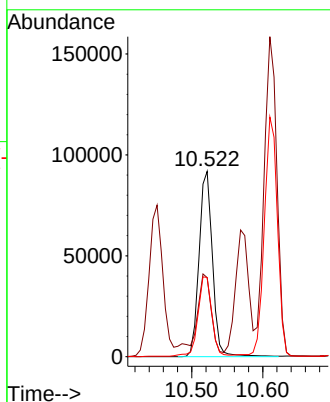
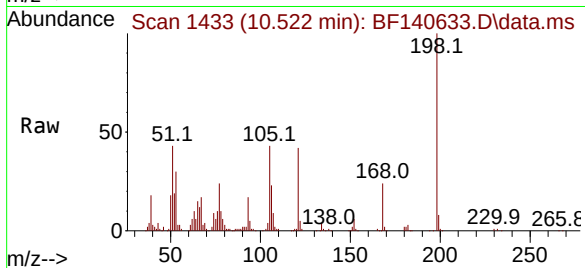




#65
4,6-Dinitro-2-methylphenol
Concen: 54.723 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

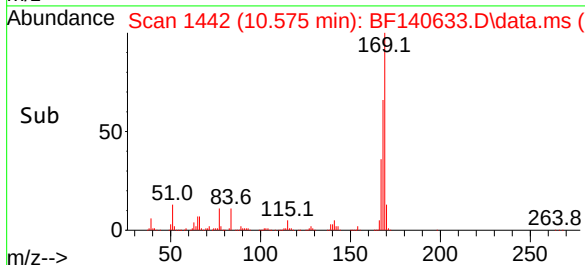
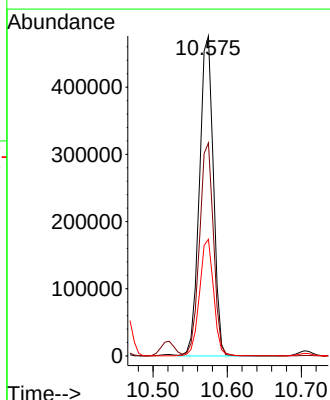
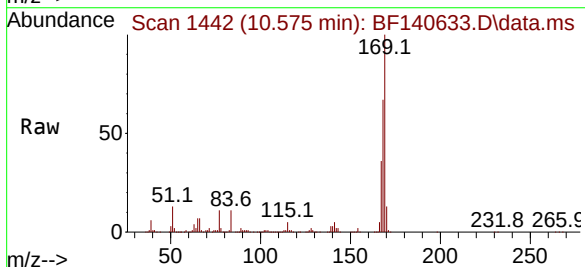
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

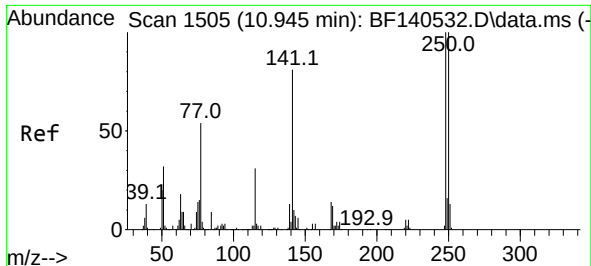
Tgt Ion:198 Resp: 120877
Ion Ratio Lower Upper
198 100
51 42.6 29.4 69.4
105 42.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.783 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:169 Resp: 623612
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.4 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 48.245 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

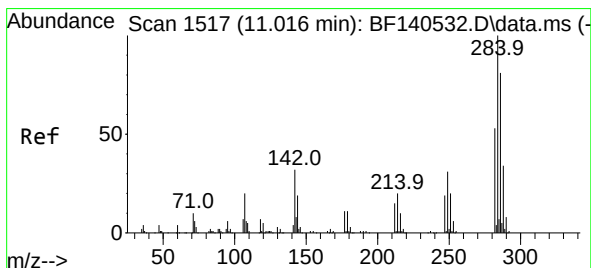
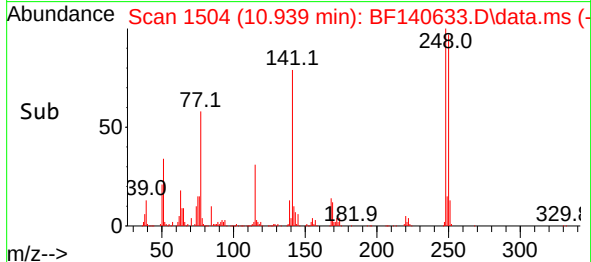
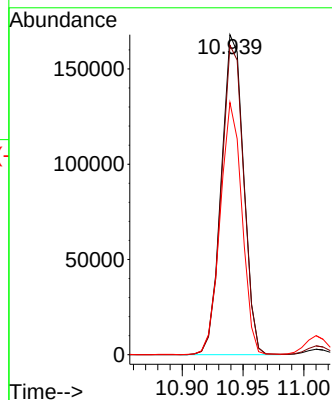
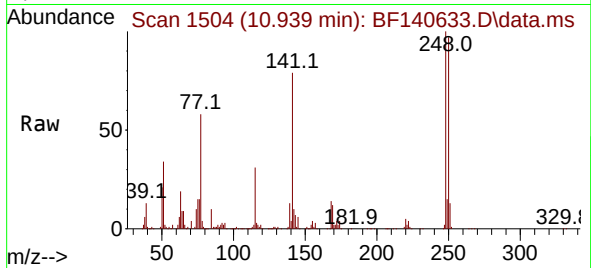
Tgt Ion:248 Resp: 214772

Ion Ratio Lower Upper

248 100

250 96.7 79.8 119.8

141 78.8 64.7 97.1



#68

Hexachlorobenzene

Concen: 47.203 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

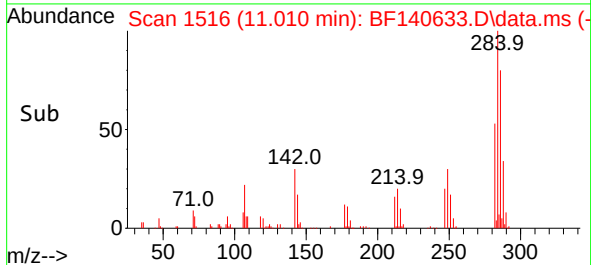
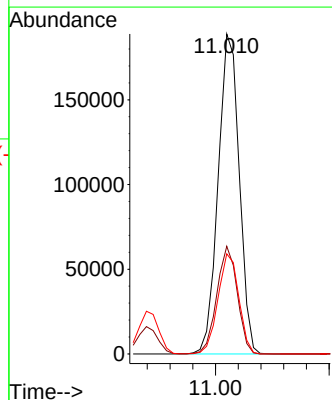
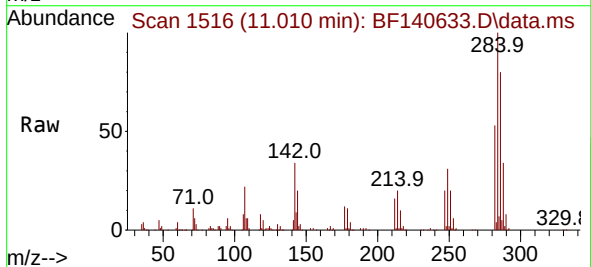
Tgt Ion:284 Resp: 243314

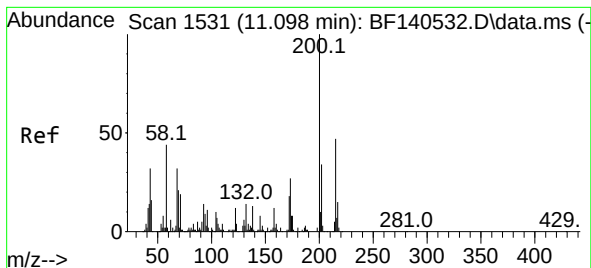
Ion Ratio Lower Upper

284 100

142 33.6 25.3 37.9

249 31.3 24.8 37.2





#69

Atrazine

Concen: 57.936 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

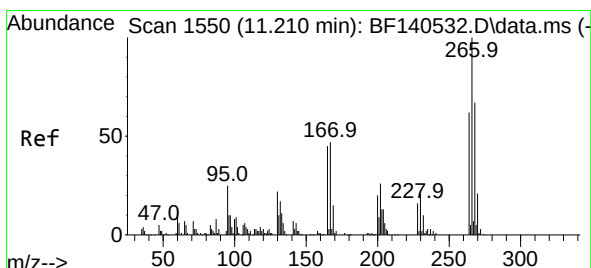
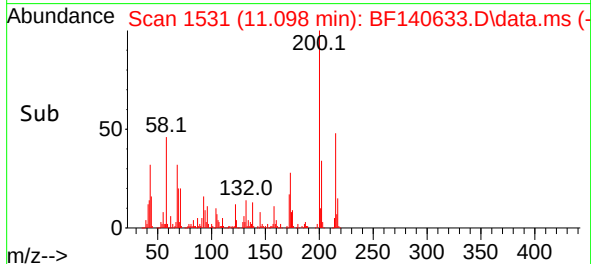
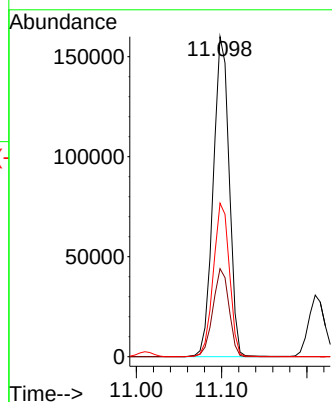
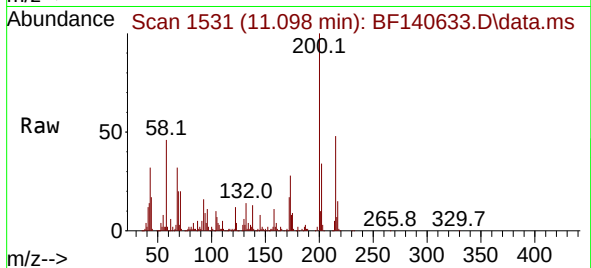
Tgt Ion:200 Resp: 208347

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 101.645 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

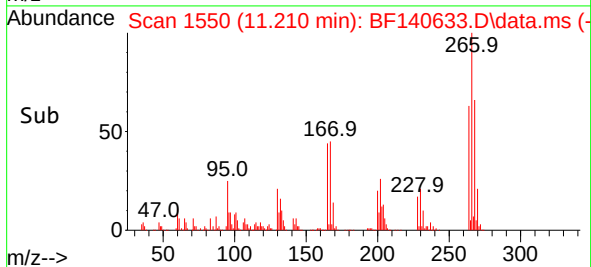
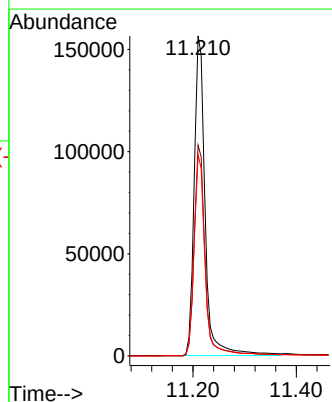
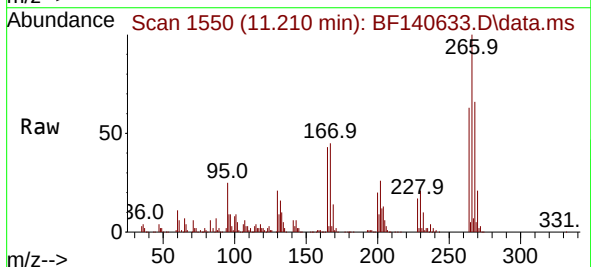
Tgt Ion:266 Resp: 230600

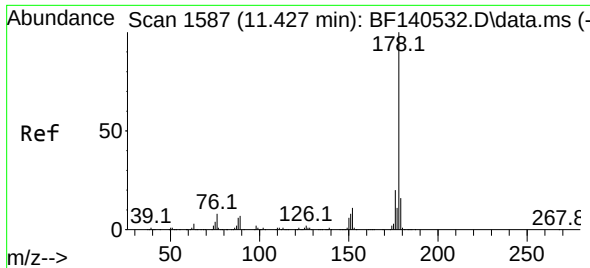
Ion Ratio Lower Upper

266 100

268 65.9 53.7 80.5

264 62.8 49.8 74.8

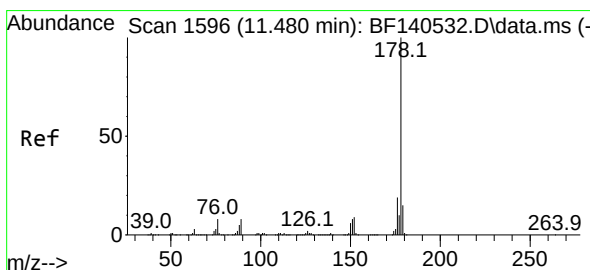
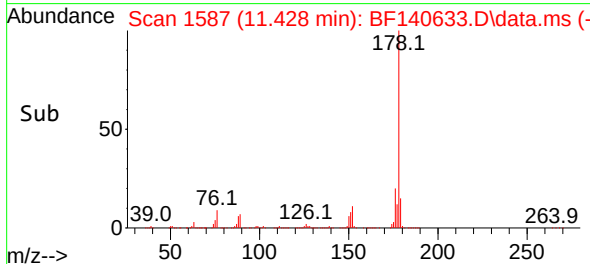
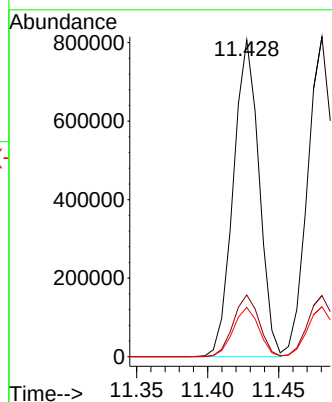
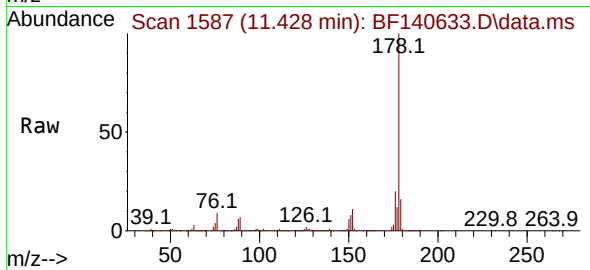




#71
Phenanthrene
Concen: 48.920 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

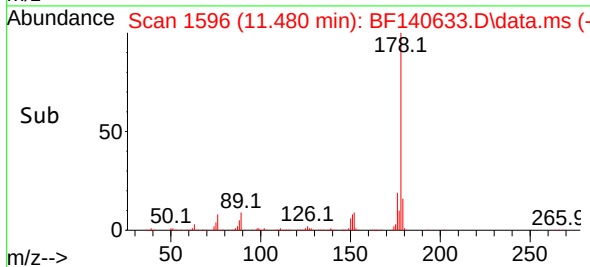
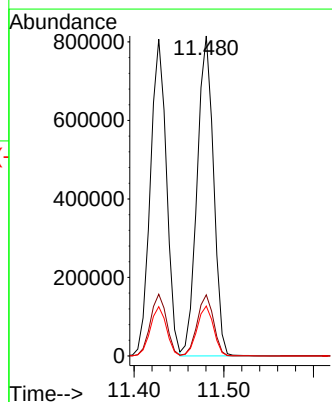
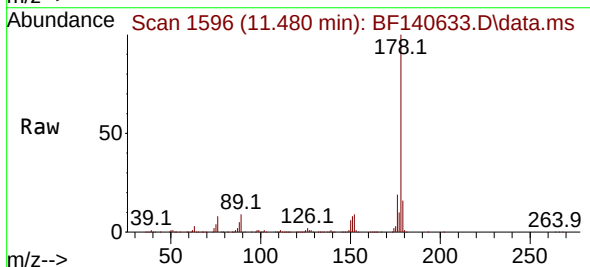
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

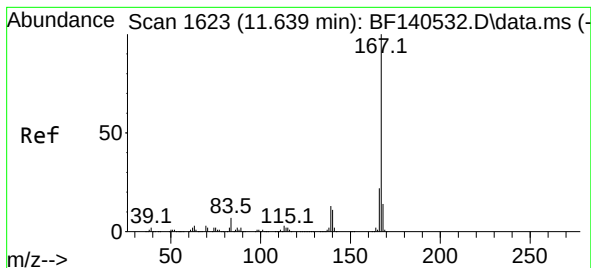
Tgt Ion:178 Resp: 1016501
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 50.864 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:178 Resp: 1033840
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 49.063 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

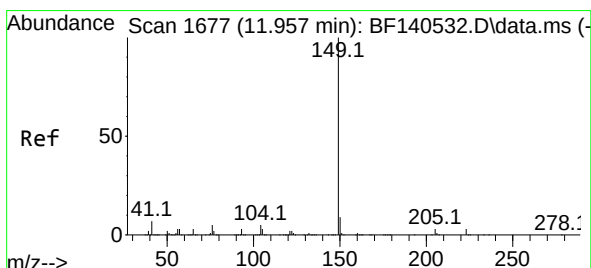
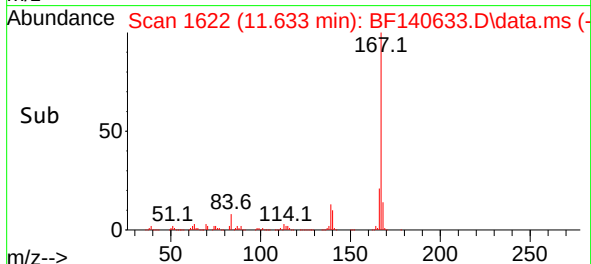
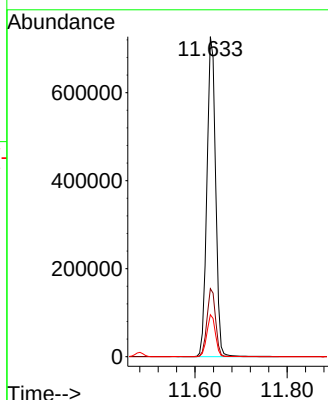
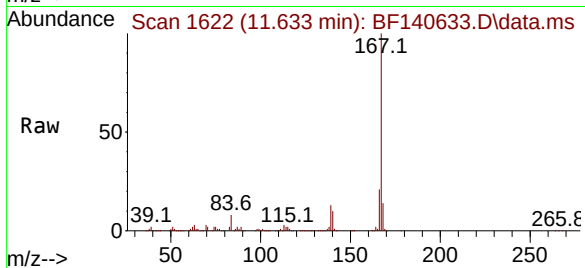
Tgt Ion:167 Resp: 959339

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.349 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

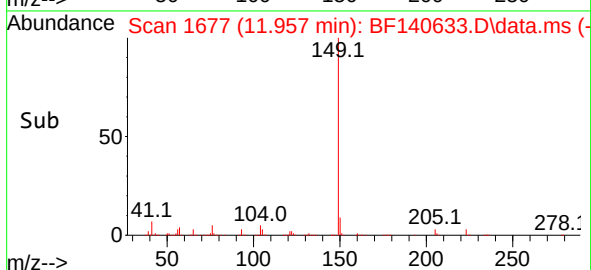
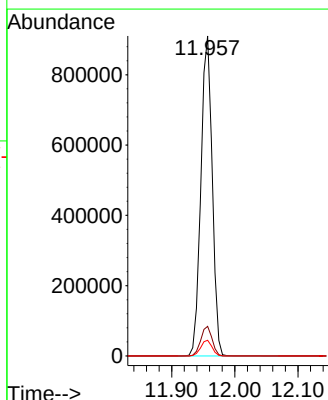
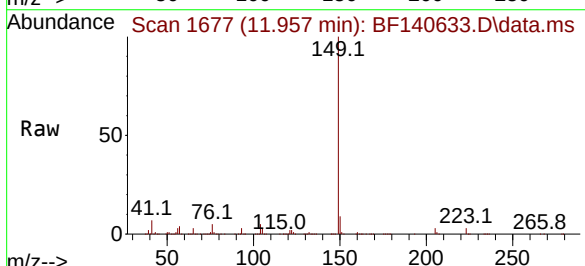
Tgt Ion:149 Resp: 1136582

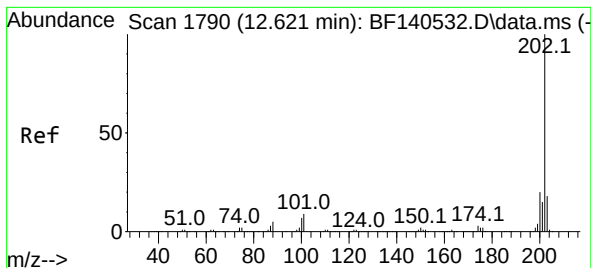
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 48.375 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

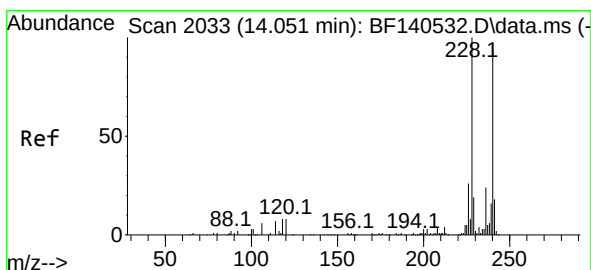
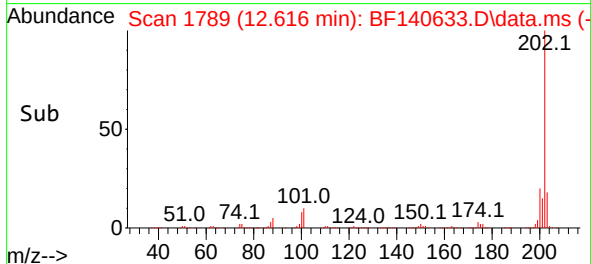
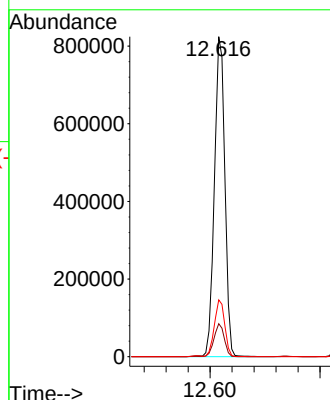
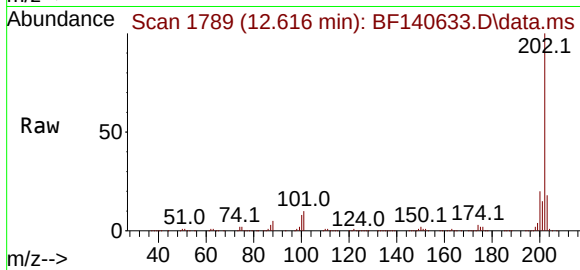
Tgt Ion:202 Resp: 1091361

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

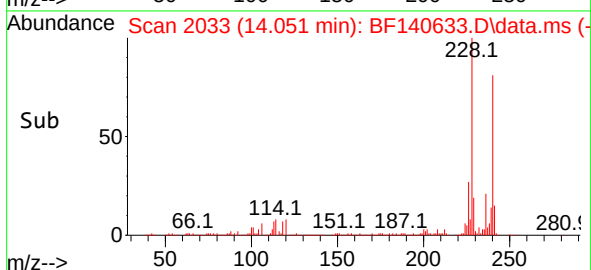
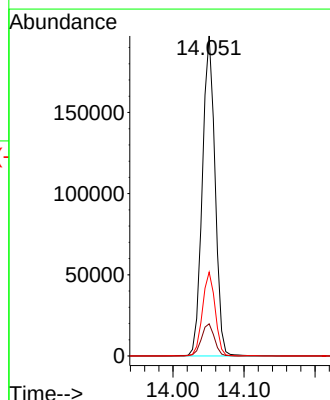
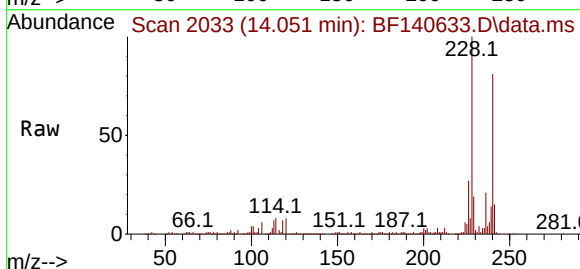
Tgt Ion:240 Resp: 245754

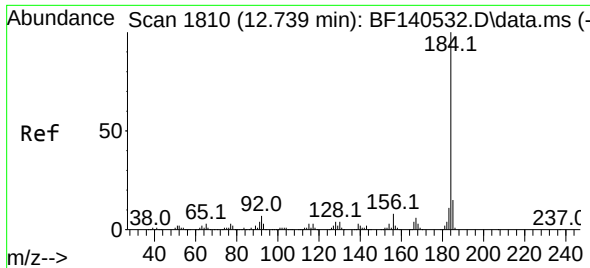
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 26.2 20.6 31.0

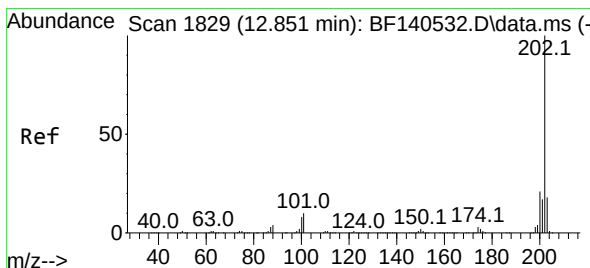
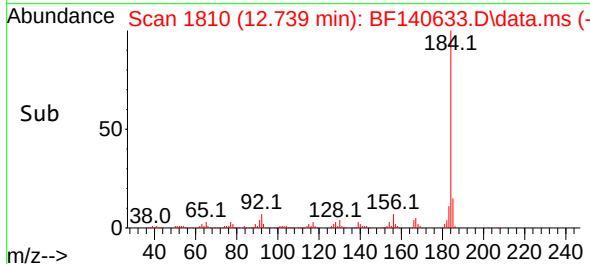
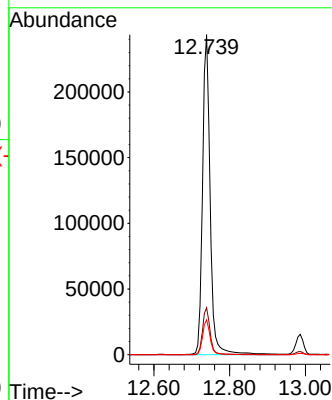
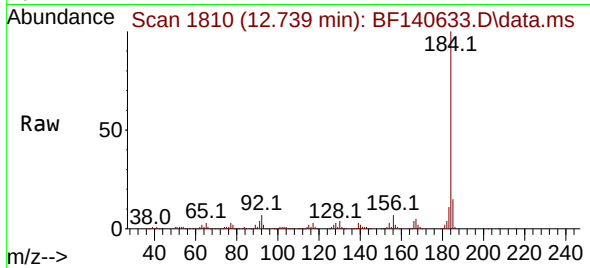




#77
Benzidine
Concen: 48.078 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

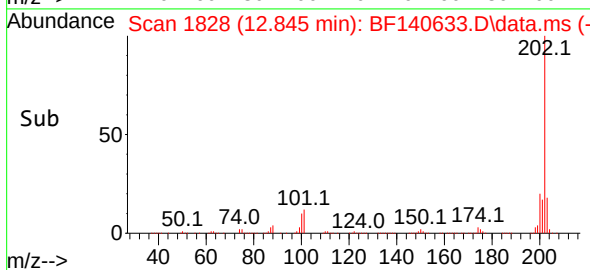
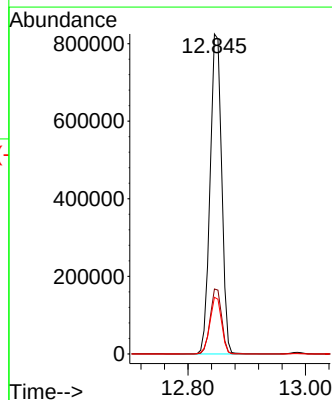
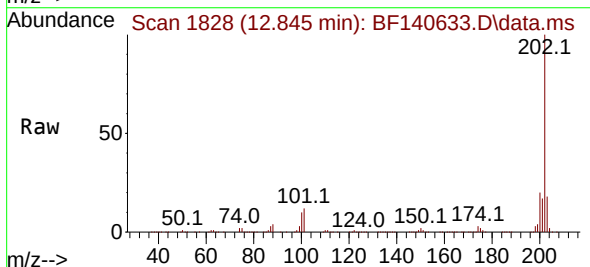
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

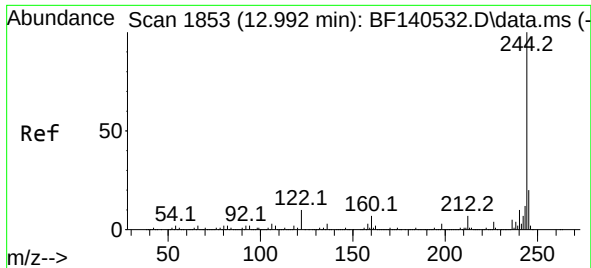
Tgt Ion:184 Resp: 343526
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 10.8 8.8 13.2



#78
Pyrene
Concen: 49.401 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:202 Resp: 1122532
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.7 14.2 21.4

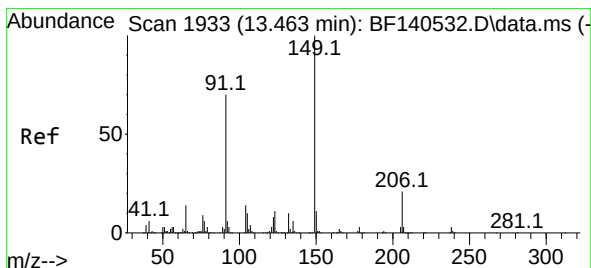
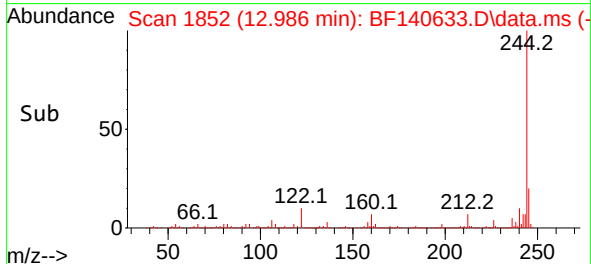
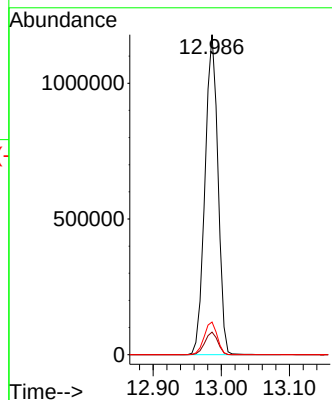
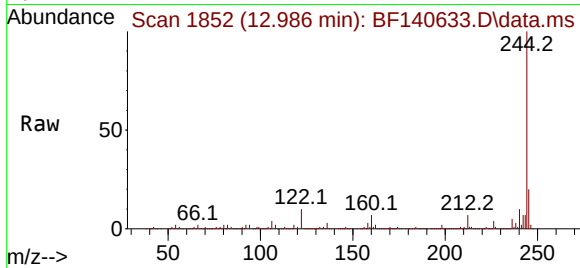




#79
 Terphenyl-d14
 Concen: 98.787 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

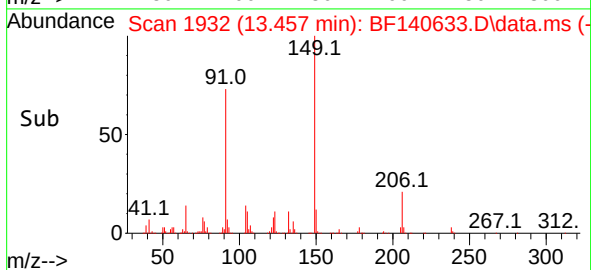
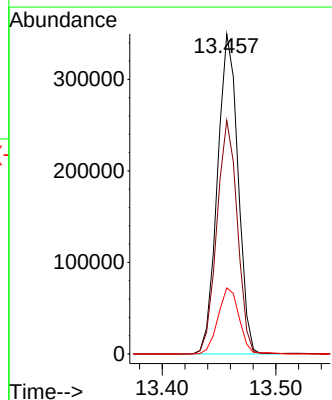
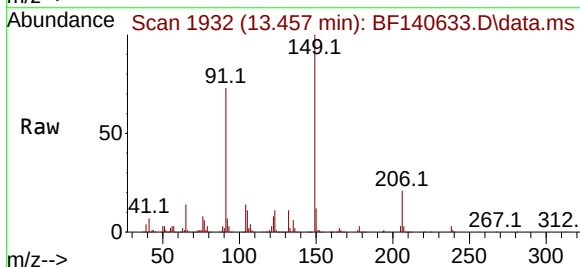
Instrument :
 BNA_F
 ClientSampleId :
 PB165203BSD

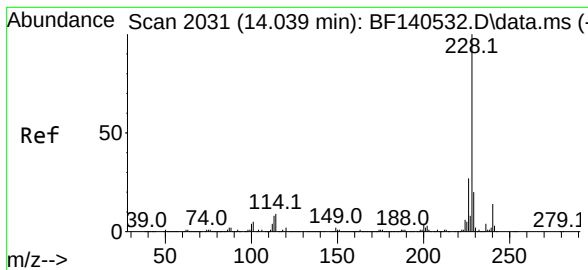
Tgt Ion:244 Resp: 1559106
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 53.878 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140633.D
 Acq: 26 Nov 2024 11:20

Tgt Ion:149 Resp: 441034
 Ion Ratio Lower Upper
 149 100
 91 73.0 56.2 84.2
 206 20.6 16.4 24.6

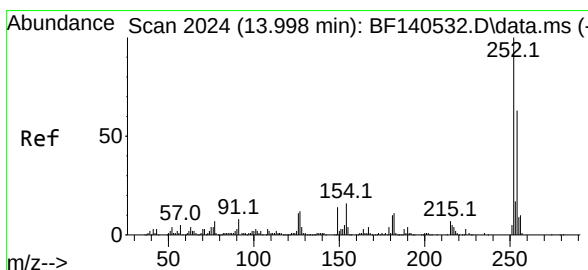
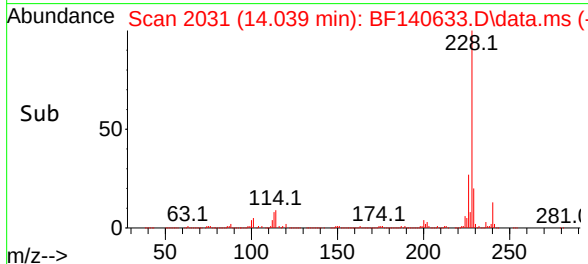
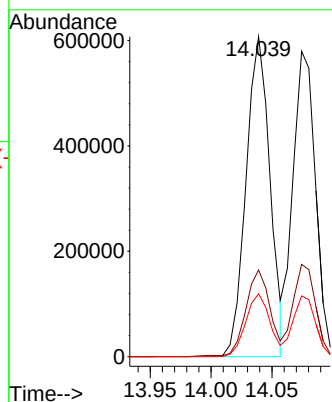
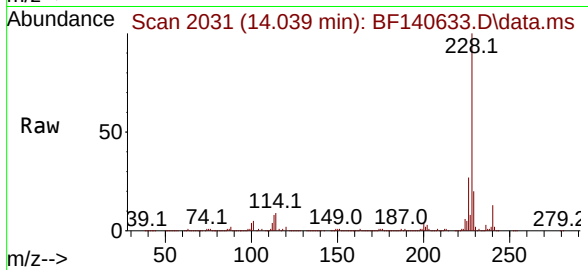




#81
Benzo(a)anthracene
Concen: 51.119 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

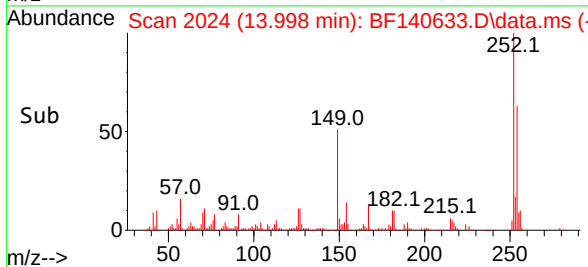
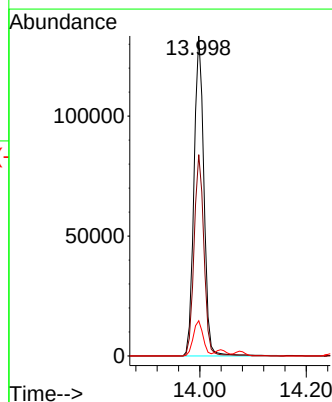
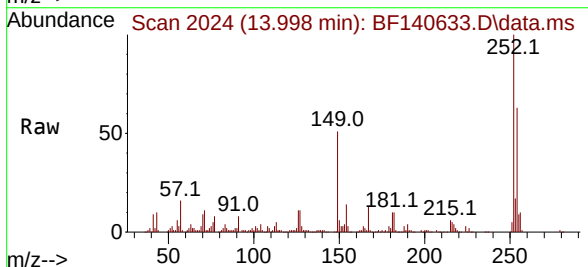
Instrument :
BNA_F
ClientSampleId :
PB165203BSD

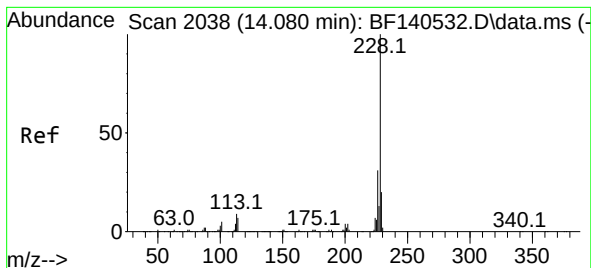
Tgt Ion:228 Resp: 831606
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.357 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140633.D
Acq: 26 Nov 2024 11:20

Tgt Ion:252 Resp: 172690
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 11.0 8.6 13.0





#83

Chrysene

Concen: 50.485 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

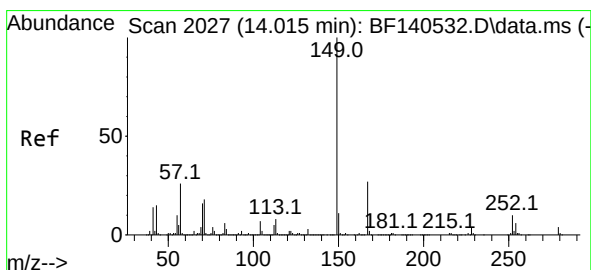
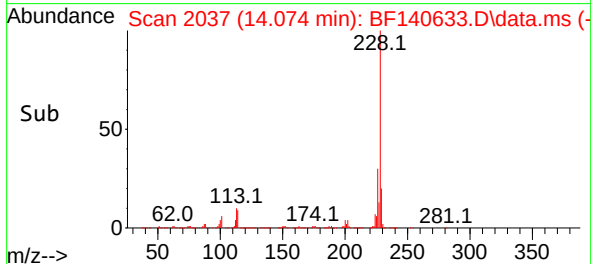
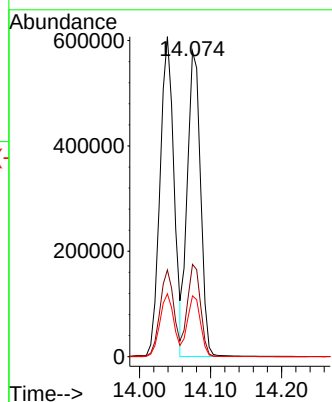
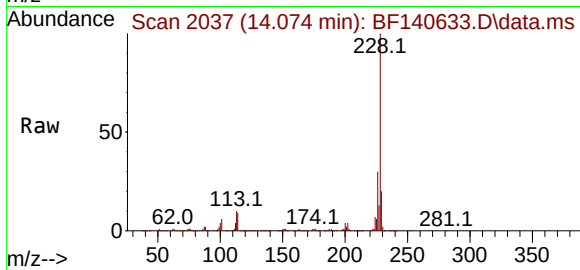
Tgt Ion:228 Resp: 750972

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.691 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

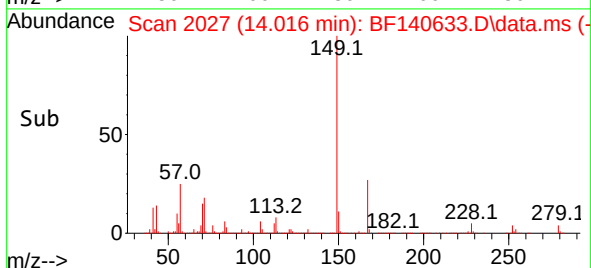
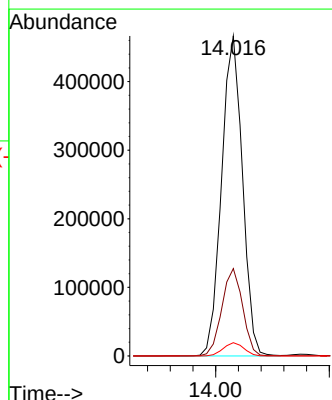
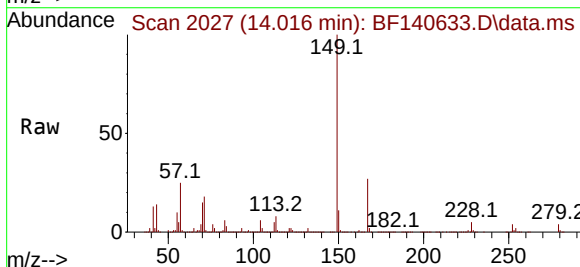
Tgt Ion:149 Resp: 596310

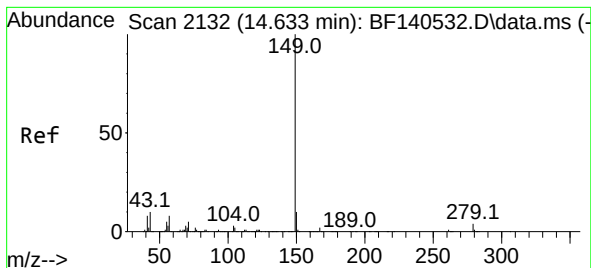
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 59.048 ng

RT: 14.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

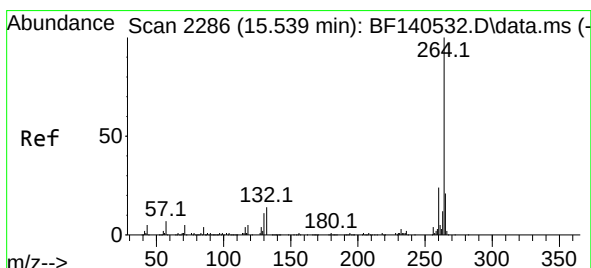
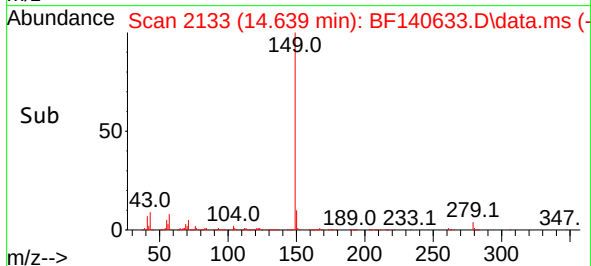
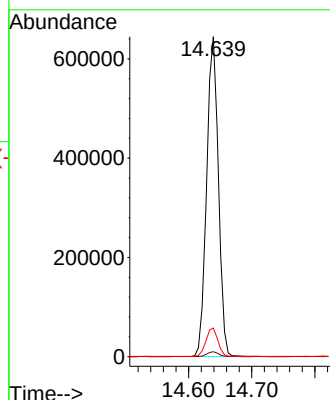
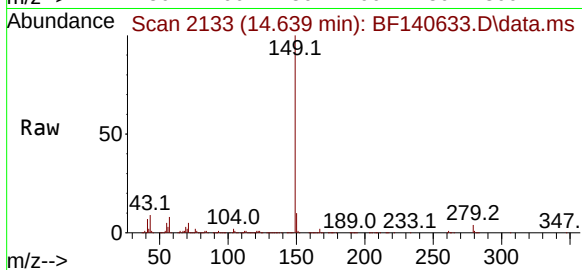
Tgt Ion:149 Resp: 834093

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

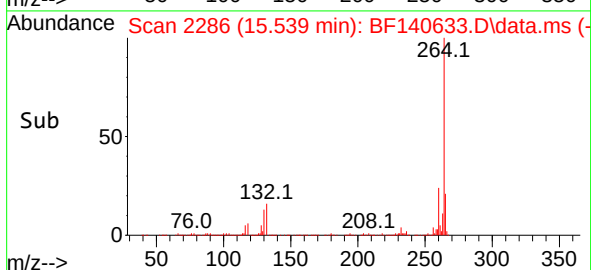
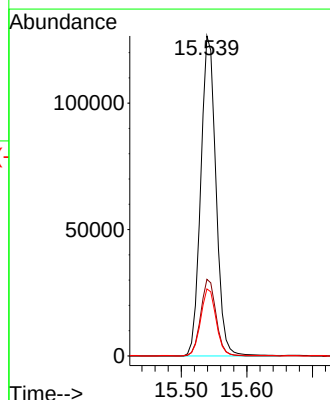
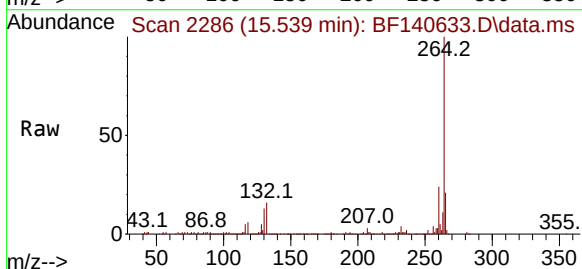
Tgt Ion:264 Resp: 204825

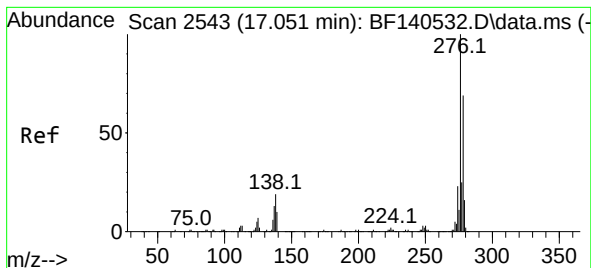
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.200 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

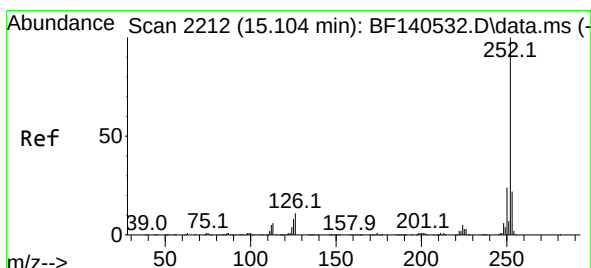
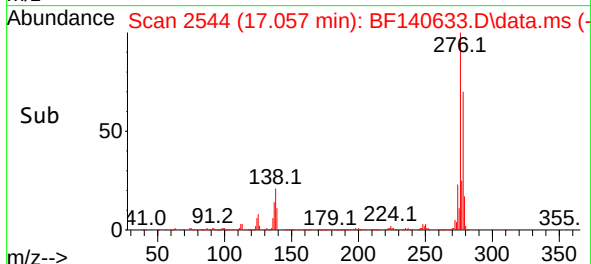
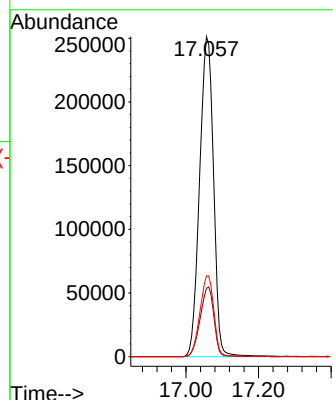
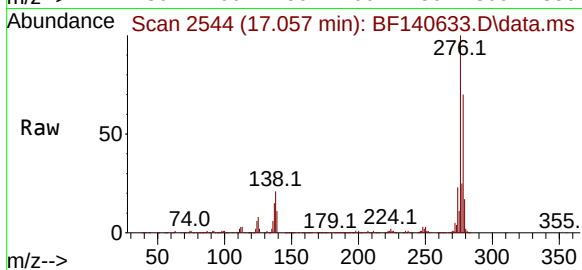
Tgt Ion:276 Resp: 670084

Ion Ratio Lower Upper

276 100

138 21.6 15.5 23.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.852 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

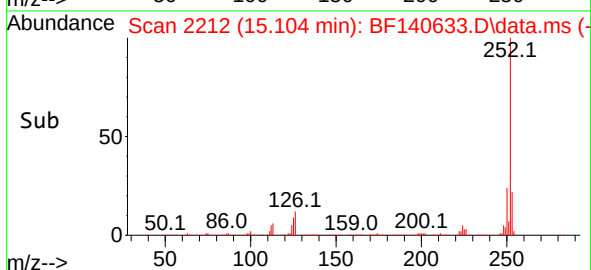
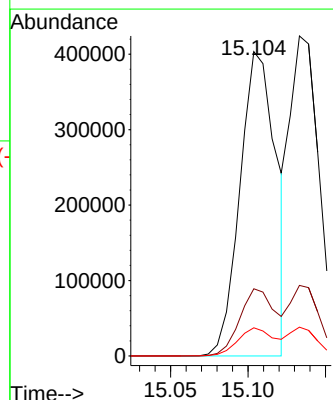
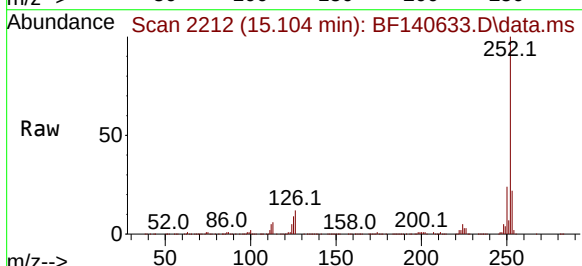
Tgt Ion:252 Resp: 654223

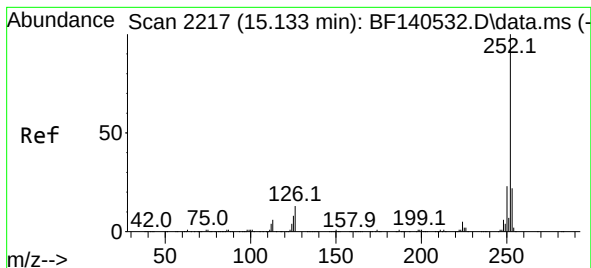
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.918 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

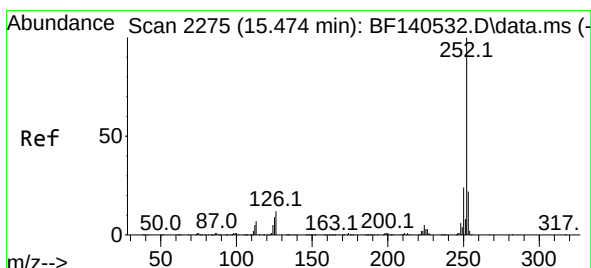
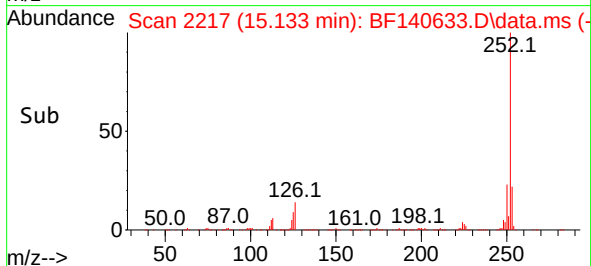
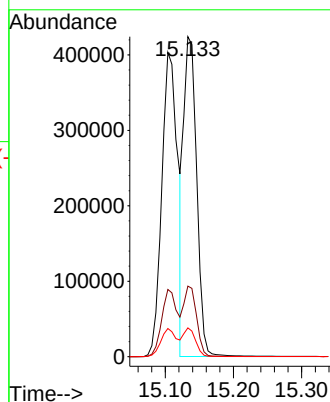
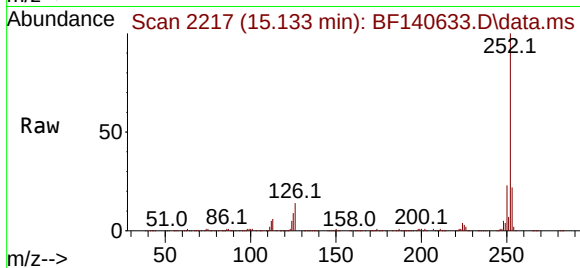
Tgt Ion:252 Resp: 561986

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.895 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

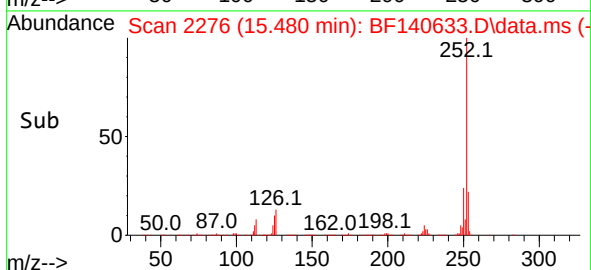
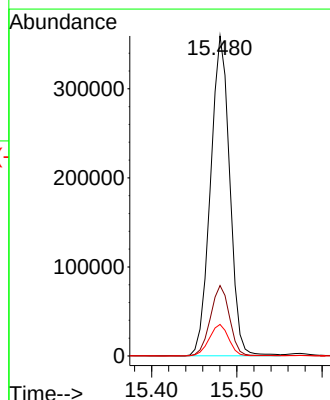
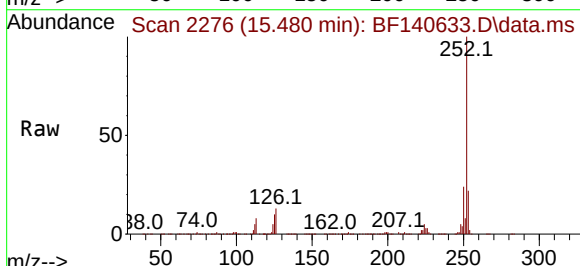
Tgt Ion:252 Resp: 563770

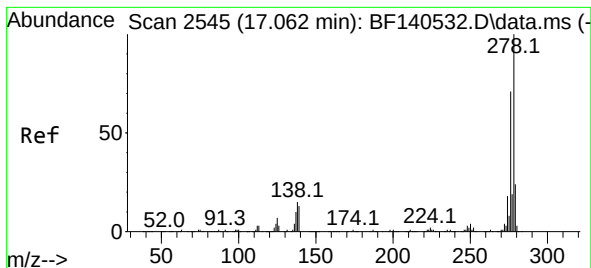
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.8 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.800 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB165203BSD

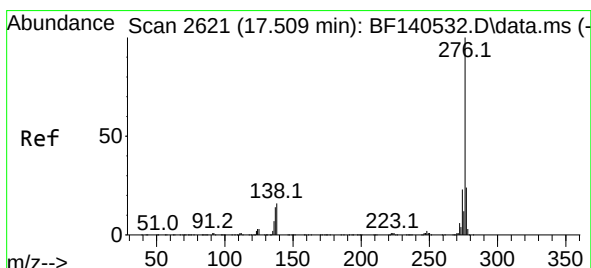
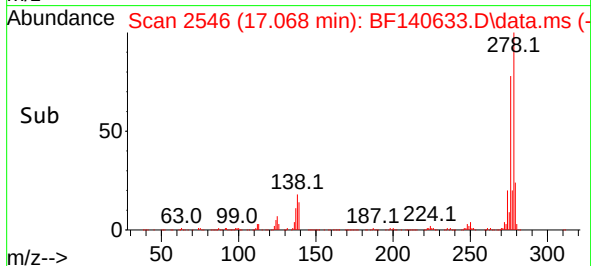
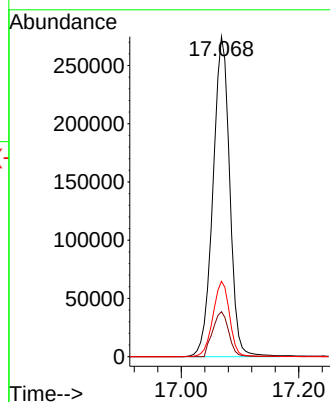
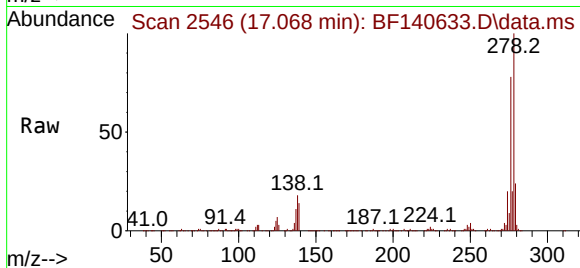
Tgt Ion:278 Resp: 544396

Ion Ratio Lower Upper

278 100

139 14.1 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.046 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.006 min

Lab File: BF140633.D

Acq: 26 Nov 2024 11:20

Tgt Ion:276 Resp: 513650

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 19.0 13.2 19.8

