

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140577.D
 Acq On : 22 Nov 2024 15:06
 Operator : RC/JU
 Sample : P4938-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

Quant Time: Nov 22 15:32:43 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	84528	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	315703	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	175034	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	341593	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201797	20.000	ng	0.00
86) Perylene-d12	15.533	264	190352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	605018	122.124	ng	0.00
7) Phenol-d6	6.510	99	781202	119.277	ng	0.00
23) Nitrobenzene-d5	7.433	82	503341	81.551	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	233097	124.518	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	892733	75.992	ng	0.00
79) Terphenyl-d14	12.986	244	977591	75.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	101090	48.532	ng	99
3) Pyridine	3.463	79	246092	53.697	ng	99
4) n-Nitrosodimethylamine	3.416	42	143440	53.253	ng	98
6) Aniline	6.534	93	195582	42.427	ng	# 81
8) 2-Chlorophenol	6.663	128	276712	51.917	ng	96
9) Benzaldehyde	6.422	77	139991	40.376	ng	96
10) Phenol	6.528	94	354698	53.030	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	265058	51.786	ng	99
12) 1,3-Dichlorobenzene	6.810	146	295695	49.374	ng	99
13) 1,4-Dichlorobenzene	6.886	146	295404	48.714	ng	98
14) 1,2-Dichlorobenzene	7.039	146	280711	49.402	ng	98
15) Benzyl Alcohol	7.016	79	248113	51.083	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	326279	53.959	ng	92
17) 2-Methylphenol	7.128	107	218542	51.222	ng	97
18) Hexachloroethane	7.381	117	119239	52.648	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	205625	53.123	ng	98
20) 3+4-Methylphenols	7.281	107	278882	50.854	ng	93
22) Acetophenone	7.281	105	379173	49.264	ng	98
24) Nitrobenzene	7.457	77	307966	48.278	ng	98
25) Isophorone	7.692	82	537141	52.177	ng	99
26) 2-Nitrophenol	7.769	139	148857	52.657	ng	99
27) 2,4-Dimethylphenol	7.810	122	209706	62.001	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	324370	51.722	ng	99
29) 2,4-Dichlorophenol	8.016	162	231475	51.647	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	241597	47.212	ng	100
31) Naphthalene	8.175	128	804693	49.485	ng	99
32) Benzoic acid	7.939	122	137725	46.973	ng	98
33) 4-Chloroaniline	8.228	127	60801	12.488	ng	98
34) Hexachlorobutadiene	8.286	225	162703	48.003	ng	98
35) Caprolactam	8.592	113	50256	36.234	ng	# 76
36) 4-Chloro-3-methylphenol	8.716	107	248078	49.438	ng	99
37) 2-Methylnaphthalene	8.869	142	512074	49.578	ng	100
38) 1-Methylnaphthalene	8.963	142	473243	46.744	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	247720	48.344	ng	98
41) Hexachlorocyclopentadiene	9.016	237	210514	173.404	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	163512	50.854	ng	98

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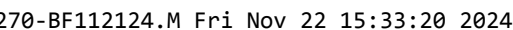
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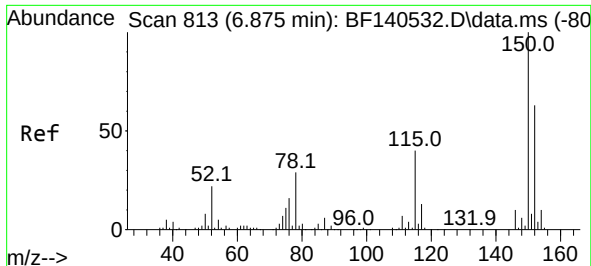
Quant Time: Nov 22 15:32:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	172601	49.462	ng	99
46) 1,1'-Biphenyl	9.327	154	640020	48.975	ng	99
47) 2-Chloronaphthalene	9.357	162	478057	48.279	ng	99
48) 2-Nitroaniline	9.457	65	157365	49.511	ng	96
49) Acenaphthylene	9.774	152	786178	52.547	ng	99
50) Dimethylphthalate	9.633	163	584404	50.696	ng	100
51) 2,6-Dinitrotoluene	9.698	165	125793	48.115	ng	95
52) Acenaphthene	9.945	154	492885	51.848	ng	99
53) 3-Nitroaniline	9.863	138	61912	24.213	ng	99
54) 2,4-Dinitrophenol	9.980	184	125060	91.153	ng	99
55) Dibenzofuran	10.116	168	726692	50.116	ng	99
56) 4-Nitrophenol	10.039	139	190643	109.321	ng	97
57) 2,4-Dinitrotoluene	10.104	165	174688	50.275	ng	98
58) Fluorene	10.463	166	578539	49.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147553	55.019	ng	96
60) Diethylphthalate	10.327	149	603428	51.521	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	282362	49.434	ng	98
62) 4-Nitroaniline	10.486	138	123400	46.013	ng	97
63) Azobenzene	10.610	77	609245	54.929	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	91140	52.213	ng	96
66) n-Nitrosodiphenylamine	10.569	169	499480	49.445	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	171100	48.637	ng	97
68) Hexachlorobenzene	11.010	284	193339	47.464	ng	98
69) Atrazine	11.098	200	166686	58.654	ng	100
70) Pentachlorophenol	11.210	266	198468	110.704	ng	100
71) Phenanthrene	11.427	178	827609	50.402	ng	100
72) Anthracene	11.480	178	844772	52.595	ng	100
73) Carbazole	11.633	167	782371	50.633	ng	100
74) Di-n-butylphthalate	11.957	149	925038	51.855	ng	99
75) Fluoranthene	12.616	202	911742	51.141	ng	99
77) Benzidine	12.739	184	228277	38.908	ng	99
78) Pyrene	12.845	202	916862	49.139	ng	99
80) Butylbenzylphthalate	13.457	149	345319	51.375	ng	97
81) Benzo(a)anthracene	14.039	228	686780	51.413	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	137193	34.207	ng	98
83) Chrysene	14.074	228	607710	49.753	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	450416	53.069	ng	99
85) Di-n-octyl phthalate	14.633	149	681766	58.777	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	600555	48.412	ng	98
88) Benzo(b)fluoranthene	15.098	252	623402	52.140	ng	98
89) Benzo(k)fluoranthene	15.127	252	510422	48.785	ng	99
90) Benzo(a)pyrene	15.474	252	530302	54.550	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	488168	48.052	ng	99
92) Benzo(g,h,i)perylene	17.498	276	439837	42.427	ng	98

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

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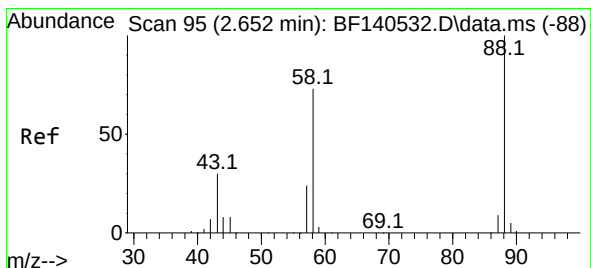
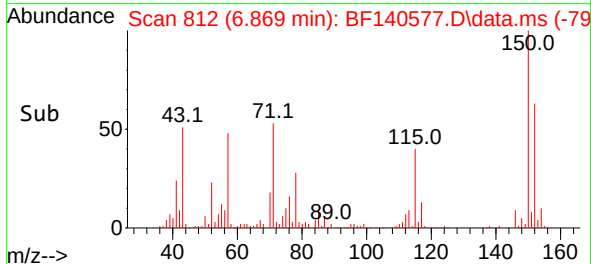
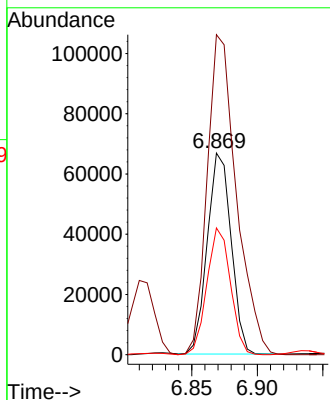
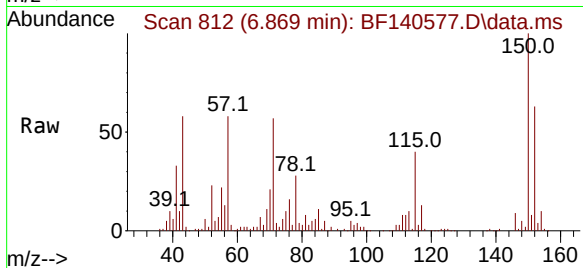




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140577.D
 Acq: 22 Nov 2024 15:06

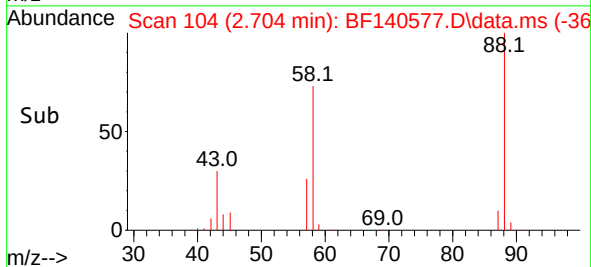
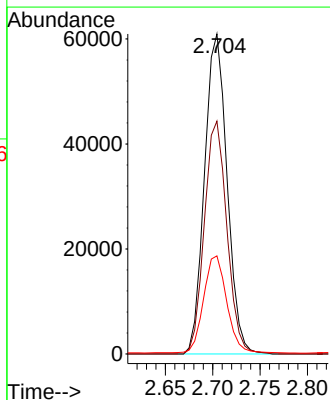
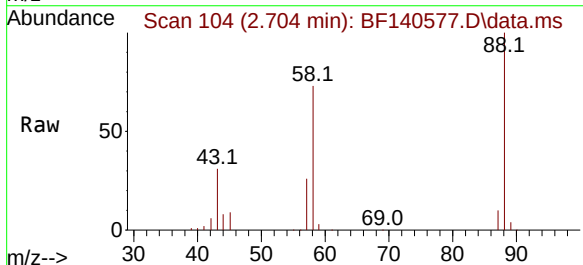
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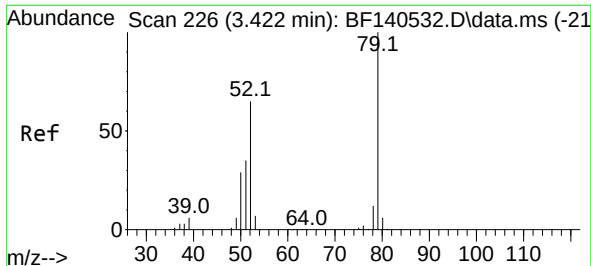
Tgt Ion:152 Resp: 84528
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.5 192.7
 115 62.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 48.532 ng
 RT: 2.704 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: BF140577.D
 Acq: 22 Nov 2024 15:06

Tgt Ion: 88 Resp: 101090
 Ion Ratio Lower Upper
 88 100
 58 72.7 57.4 86.2
 43 31.5 24.3 36.5





#3

Pyridine

Concen: 53.697 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

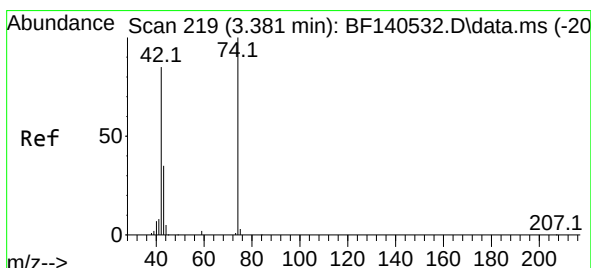
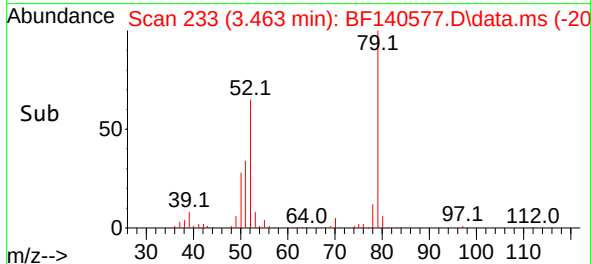
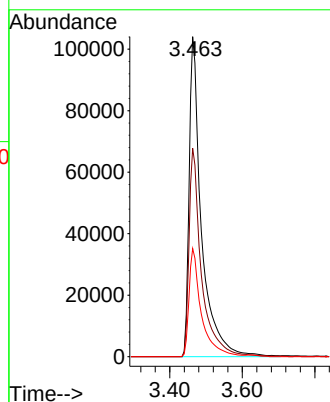
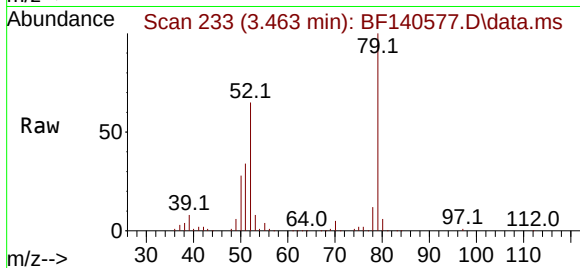
Tgt Ion: 79 Resp: 246092

Ion Ratio Lower Upper

79 100

52 65.2 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 53.253 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.035 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

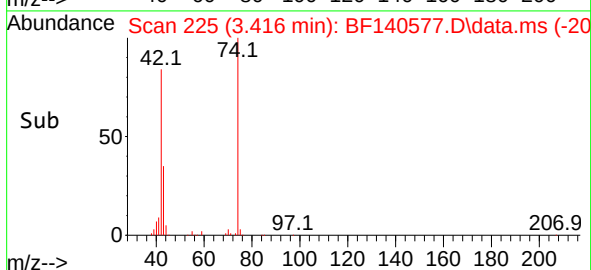
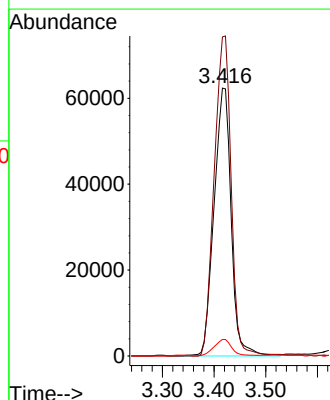
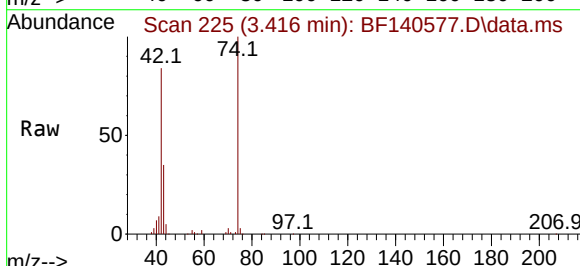
Tgt Ion: 42 Resp: 143440

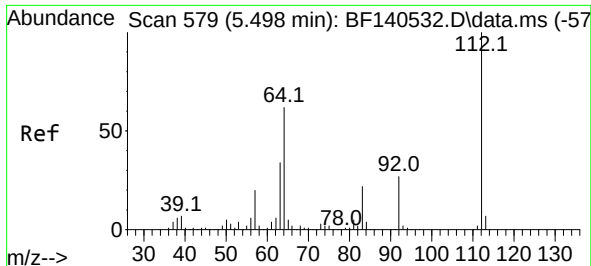
Ion Ratio Lower Upper

42 100

74 119.1 93.8 140.6

44 6.1 4.6 6.8

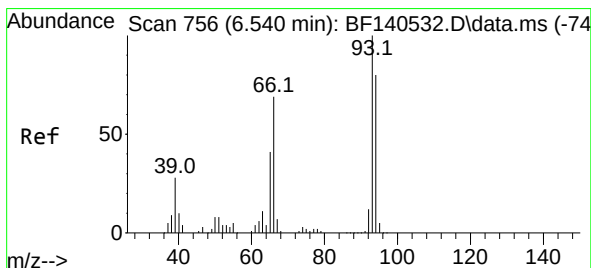
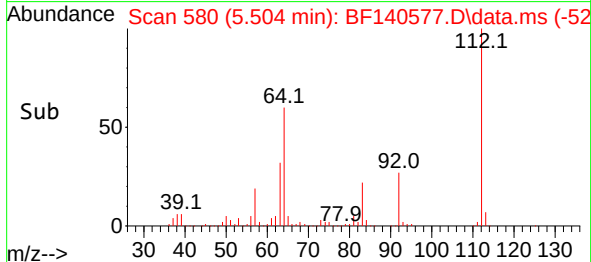
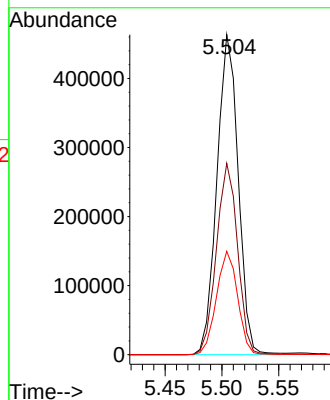
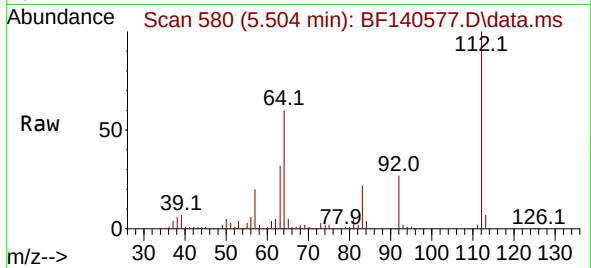




#5
2-Fluorophenol
Concen: 122.124 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

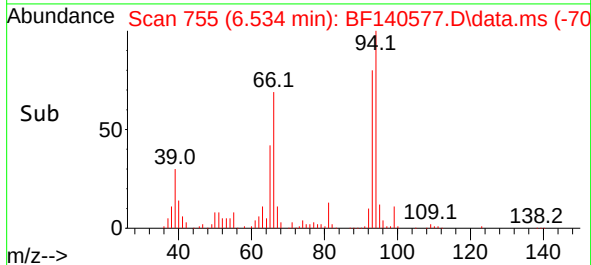
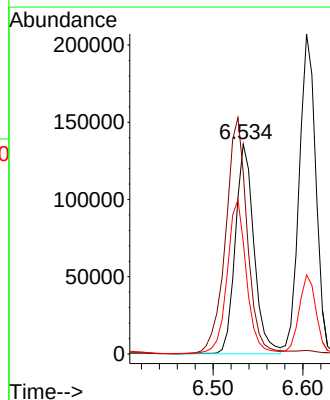
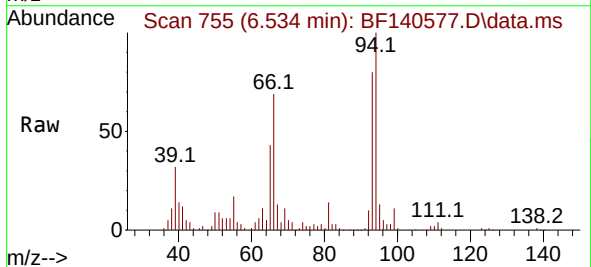
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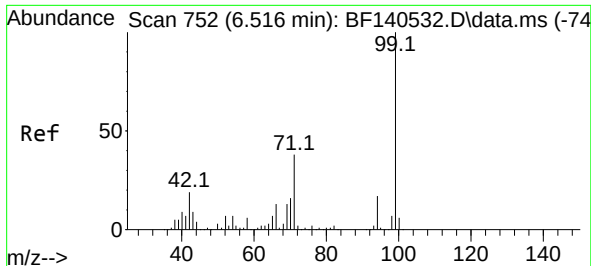
Tgt Ion:112 Resp: 605018
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.3 27.0 40.4



#6
Aniline
Concen: 42.427 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 93 Resp: 195582
Ion Ratio Lower Upper
93 100
66 86.4 56.5 84.7#
65 53.5 32.9 49.3#

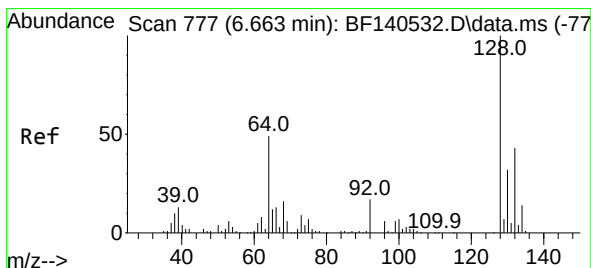
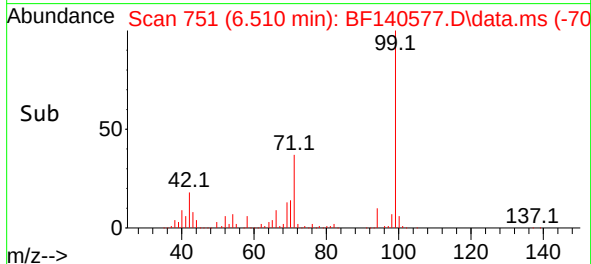
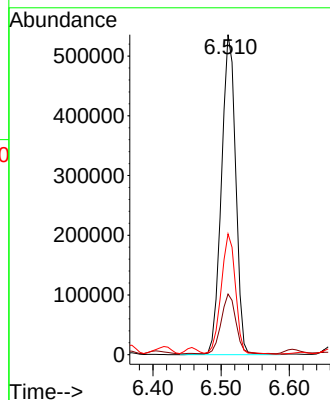
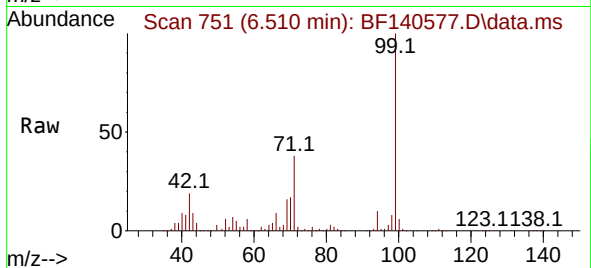




#7
Phenol-d6
Concen: 119.277 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

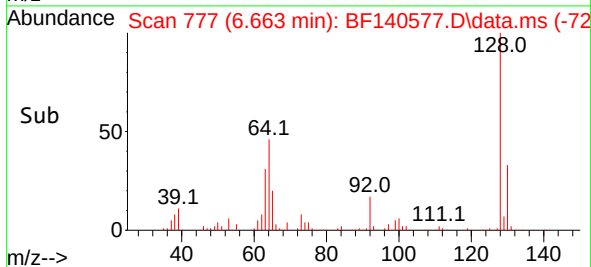
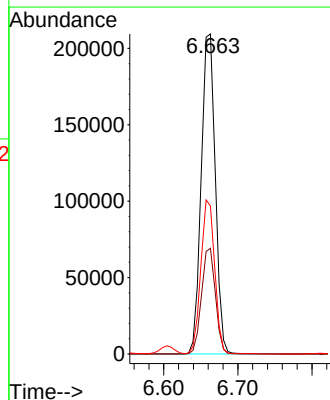
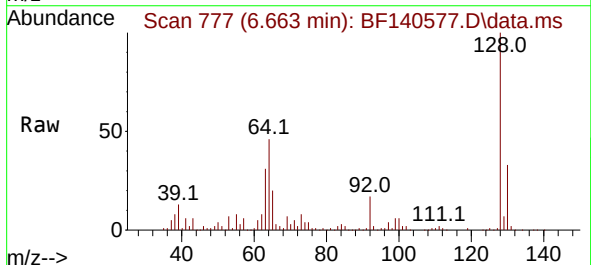
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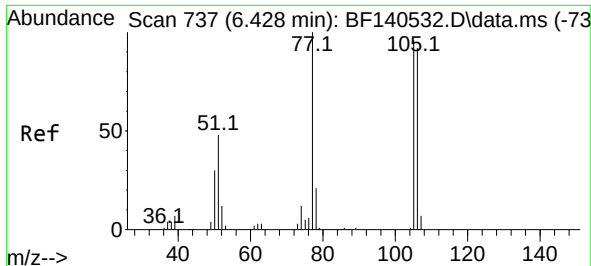
Tgt Ion: 99 Resp: 781202
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 37.8 30.6 46.0



#8
2-Chlorophenol
Concen: 51.917 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:128 Resp: 276712
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 46.3 30.2 70.2

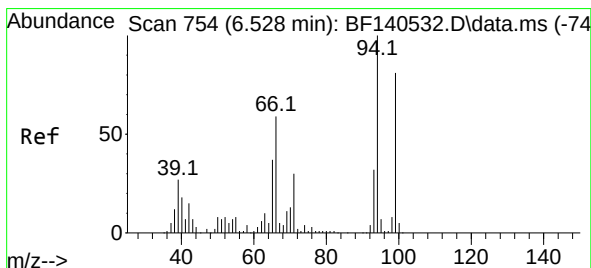
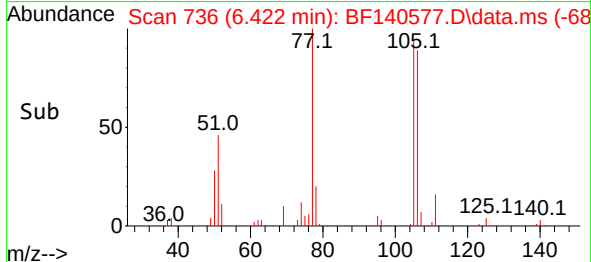
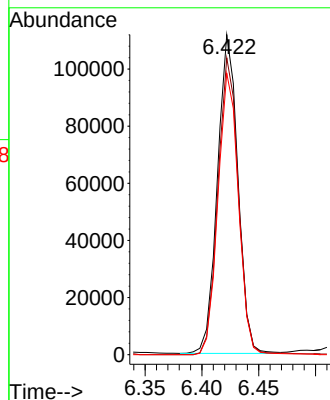
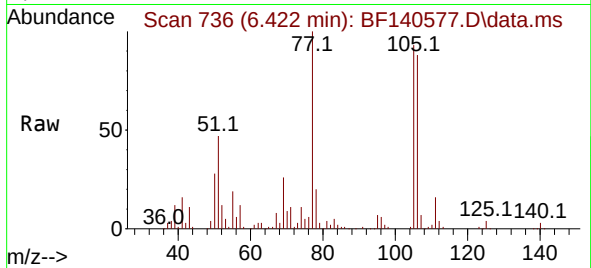




#9
Benzaldehyde
Concen: 40.376 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

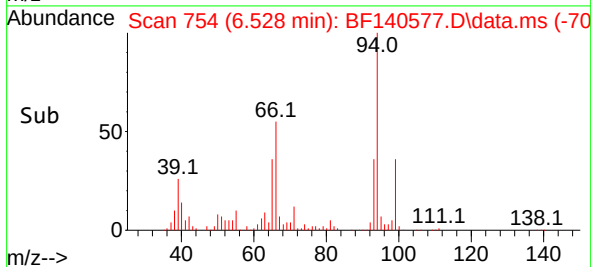
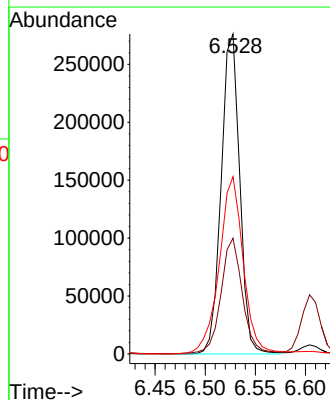
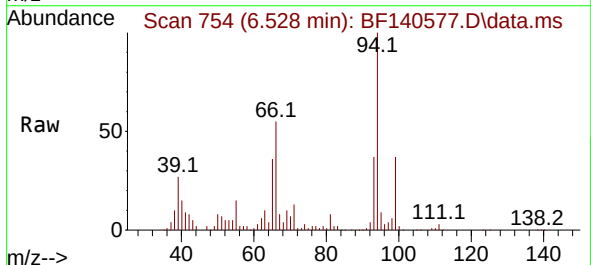
Instrument :
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ClientSampleId :
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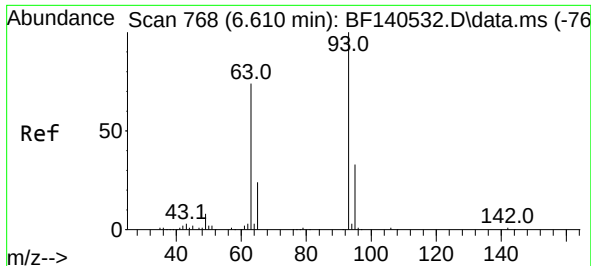
Tgt Ion: 77 Resp: 139991
Ion Ratio Lower Upper
77 100
105 92.8 75.6 115.6
106 88.0 72.0 112.0



#10
Phenol
Concen: 53.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 94 Resp: 354698
Ion Ratio Lower Upper
94 100
65 36.2 17.2 57.2
66 55.4 39.2 79.2

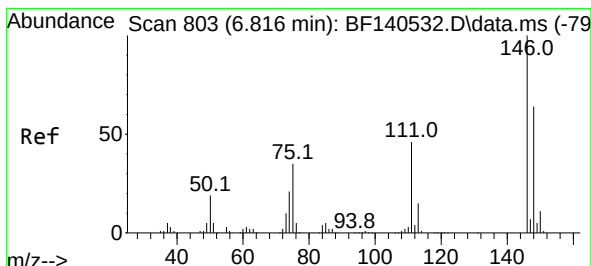
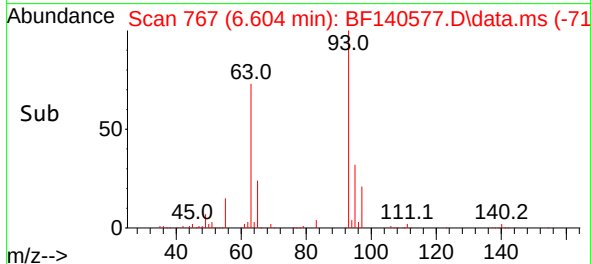
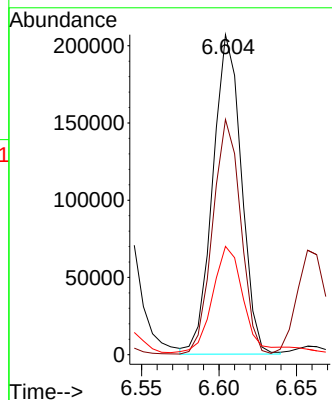
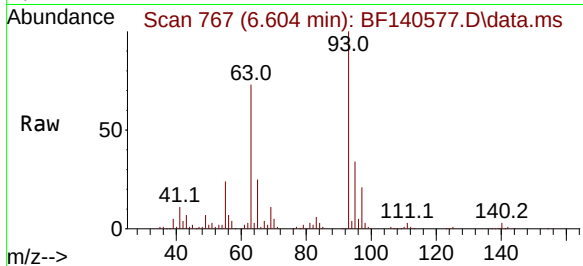




#11
bis(2-Chloroethyl)ether
Concen: 51.786 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

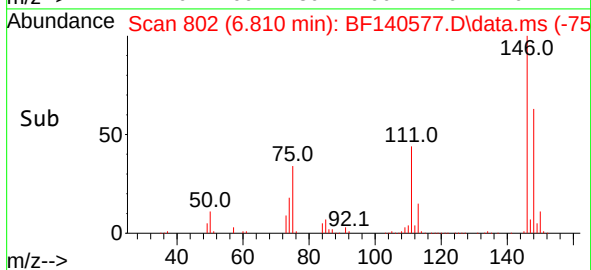
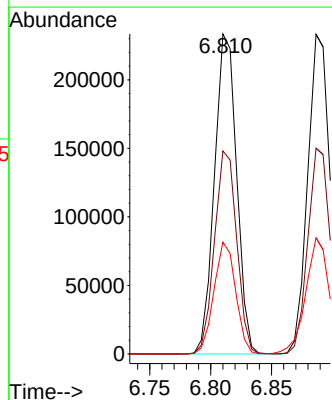
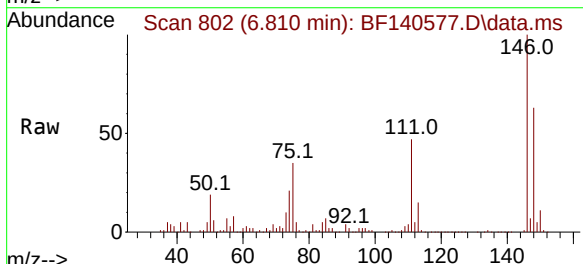
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

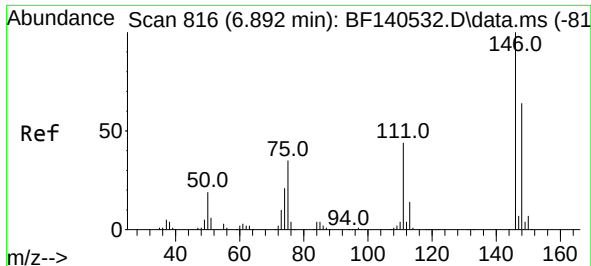
Tgt Ion: 93 Resp: 265058
Ion Ratio Lower Upper
93 100
63 73.5 52.8 92.8
95 33.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.374 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 146 Resp: 295695
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.9 28.2 42.2

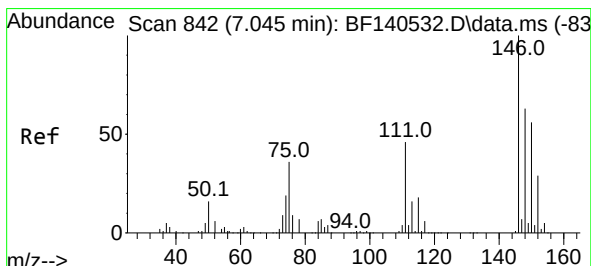
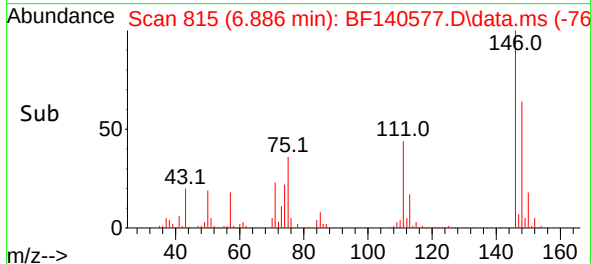
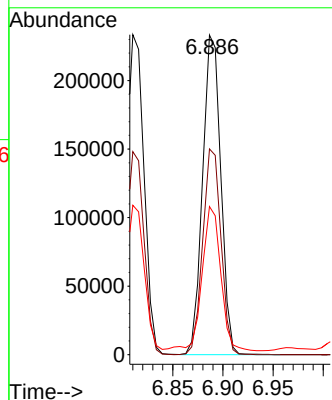
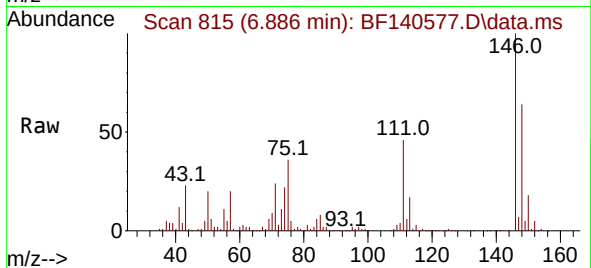




#13
1,4-Dichlorobenzene
Concen: 48.714 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

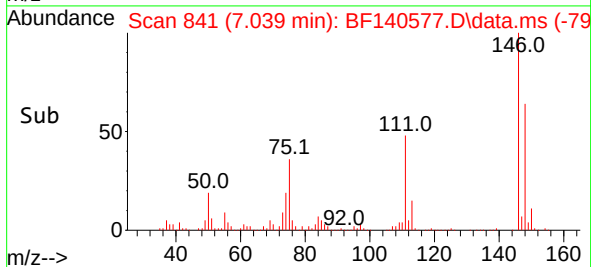
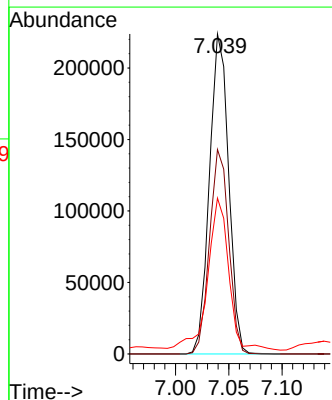
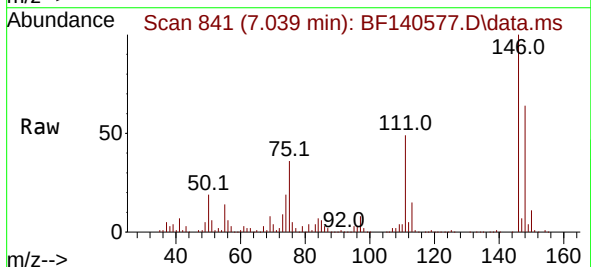
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

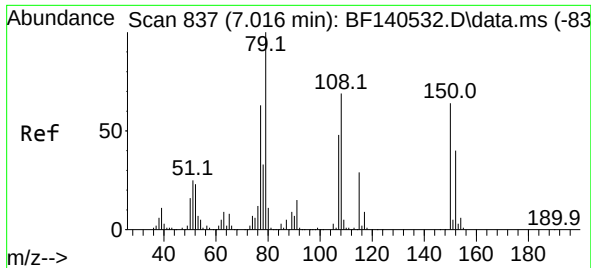
Tgt Ion:146 Resp: 295404
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 46.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.402 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:146 Resp: 280711
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 48.7 36.7 55.1

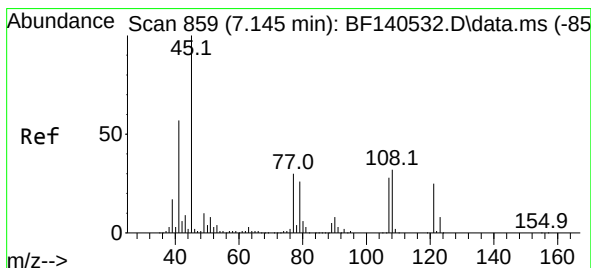
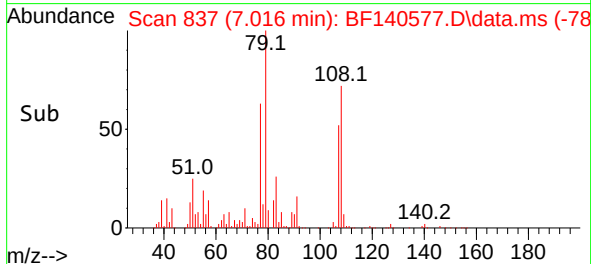
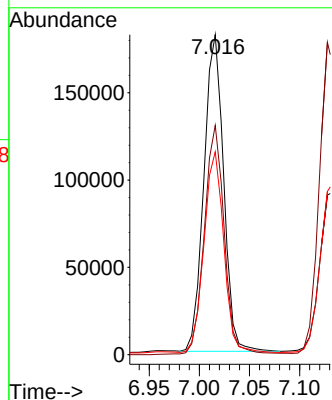
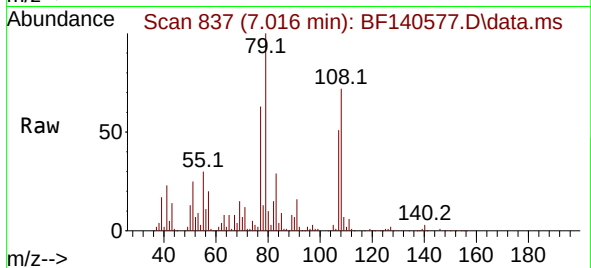




#15
Benzyl Alcohol
Concen: 51.083 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

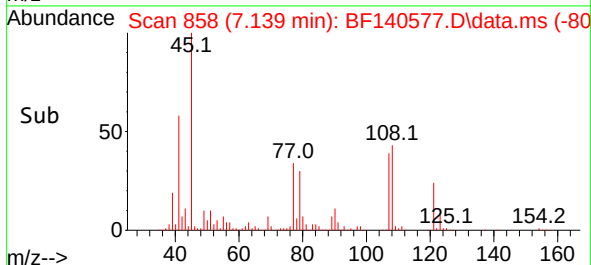
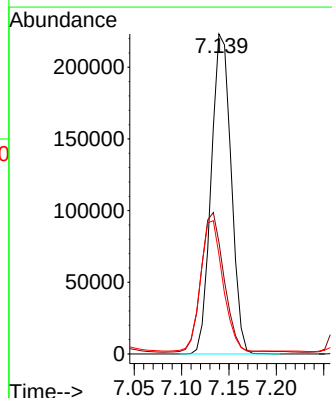
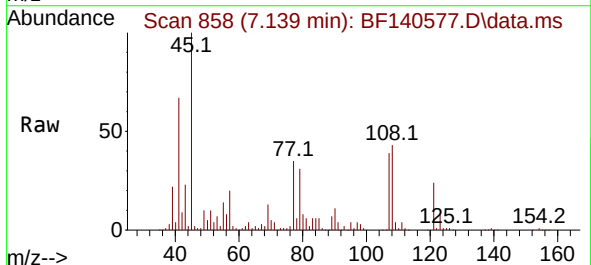
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

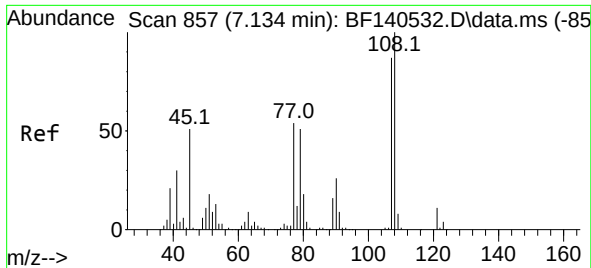
Tgt Ion: 79 Resp: 248113
Ion Ratio Lower Upper
79 100
108 71.6 55.0 82.6
77 63.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.959 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 45 Resp: 326279
Ion Ratio Lower Upper
45 100
77 35.0 10.7 50.7
79 31.1 7.0 47.0

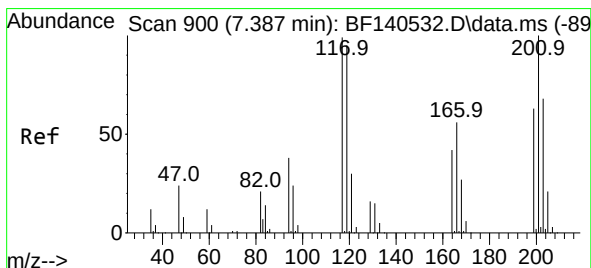
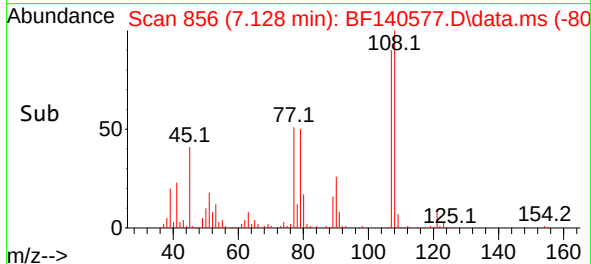
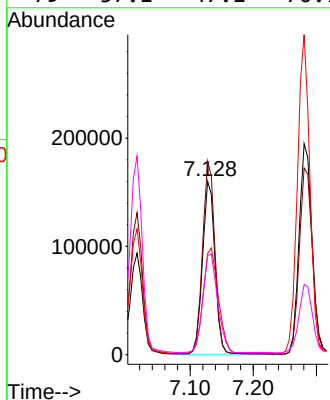
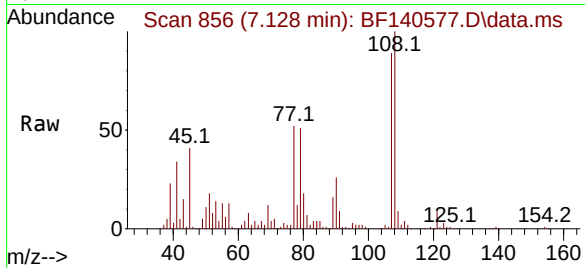




#17
2-Methylphenol
Concen: 51.222 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

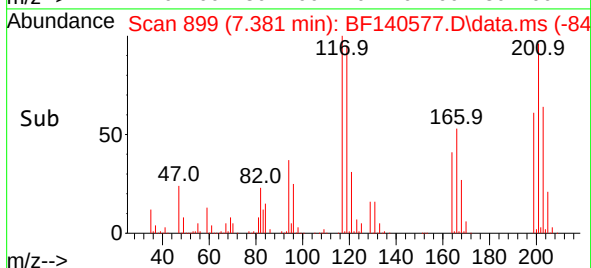
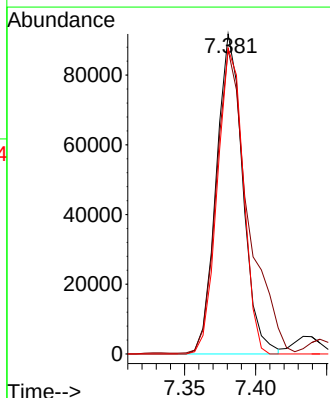
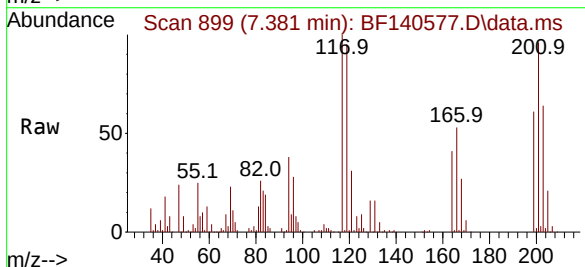
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

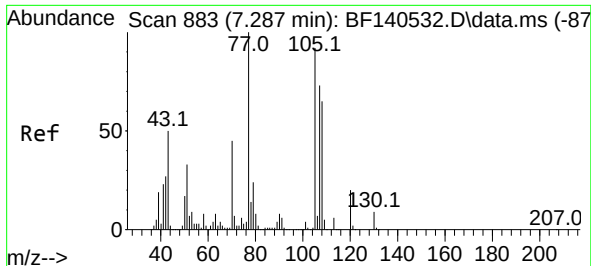
Tgt Ion:107 Resp: 218542
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 58.4 49.3 73.9
79 57.1 47.1 70.7



#18
Hexachloroethane
Concen: 52.648 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:117 Resp: 119239
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7
201 95.5 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 53.123 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 70 Resp: 205625

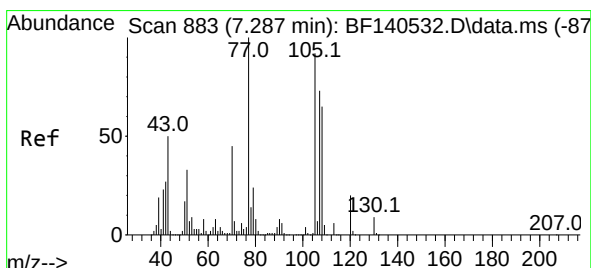
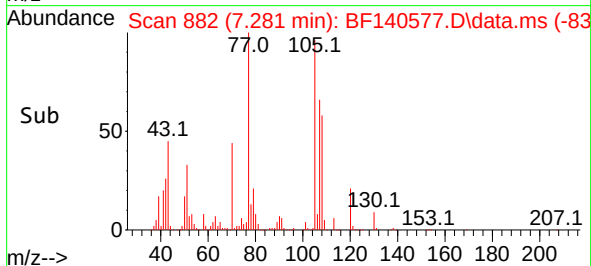
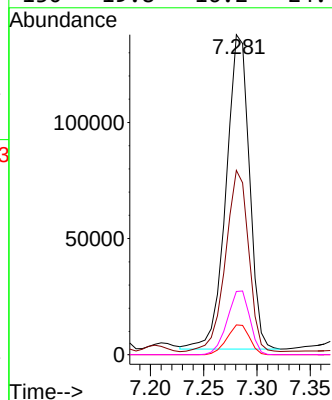
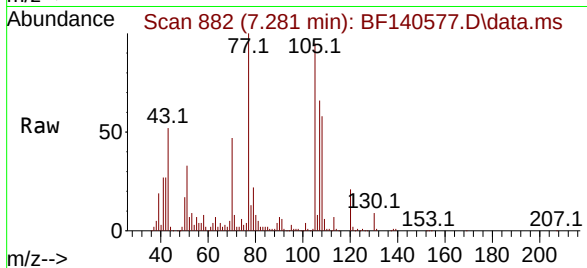
Ion Ratio Lower Upper

70 100

42 57.6 47.6 71.4

101 9.3 7.6 11.4

130 19.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 50.854 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:107 Resp: 278882

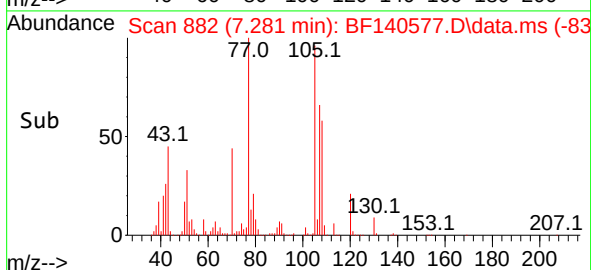
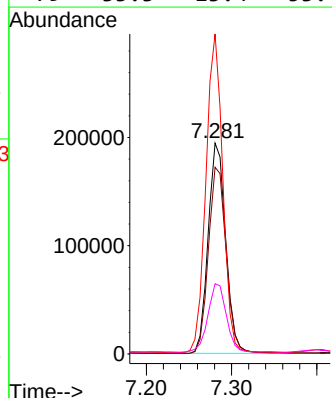
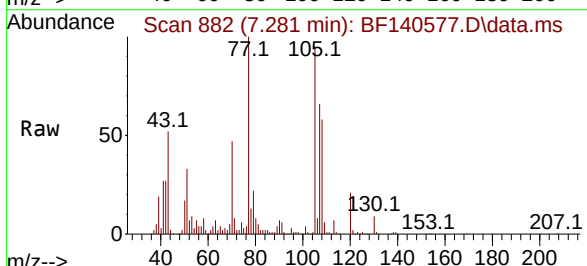
Ion Ratio Lower Upper

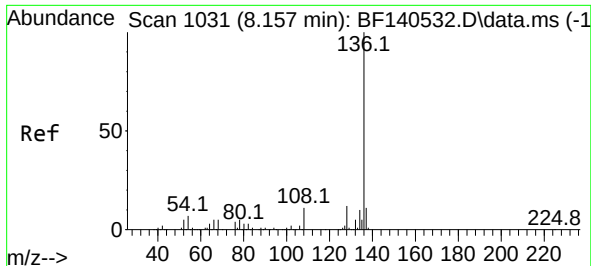
107 100

108 88.5 69.9 109.9

77 151.7 117.7 157.7

79 33.3 13.4 53.4

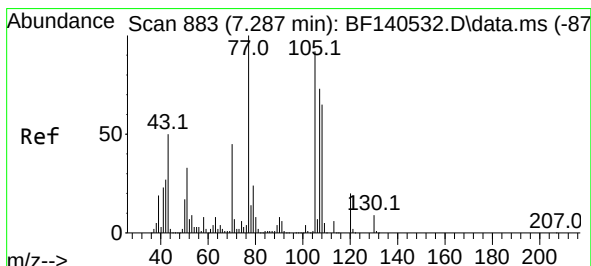
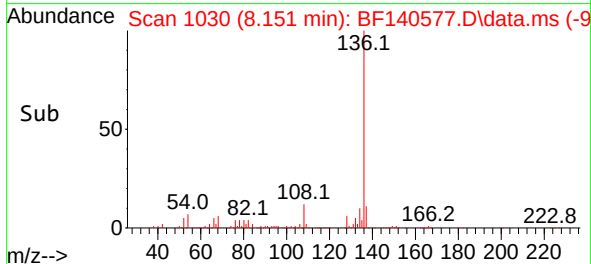
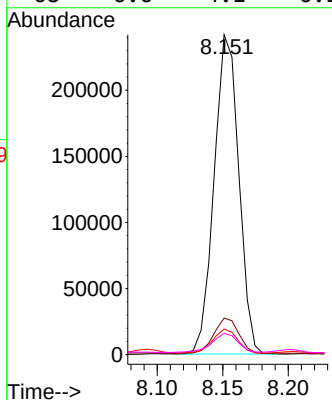
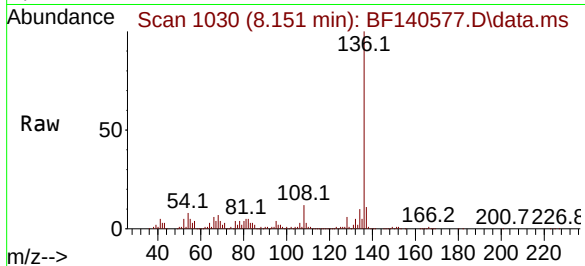




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

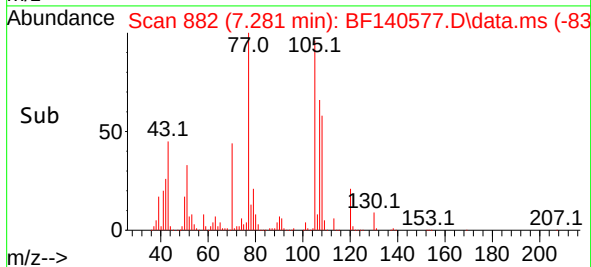
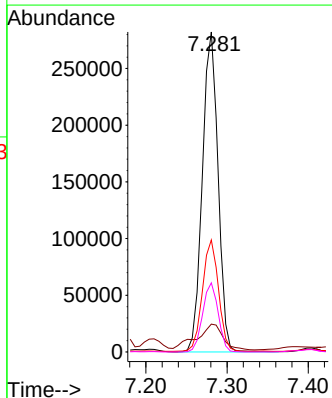
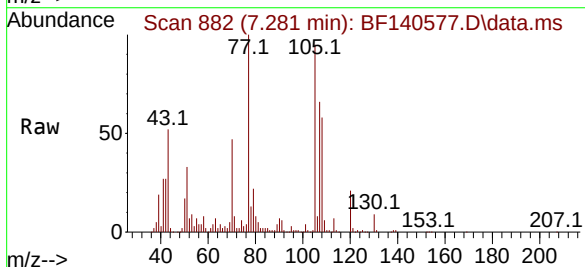
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

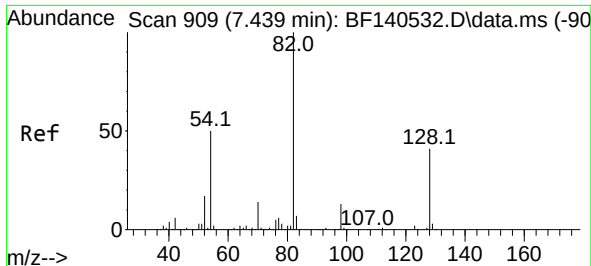
Tgt Ion:136 Resp: 315703
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.0 5.8 8.8
68 6.6 4.1 6.1#



#22
Acetophenone
Concen: 49.264 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:105 Resp: 379173
Ion Ratio Lower Upper
105 100
71 8.7 6.2 9.2
51 35.0 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.551 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

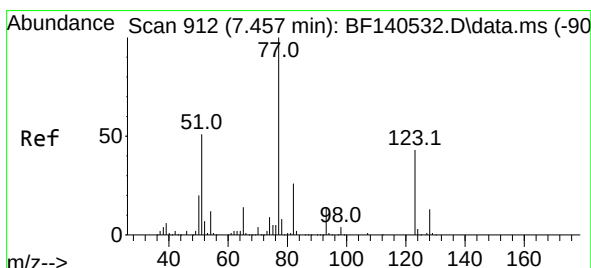
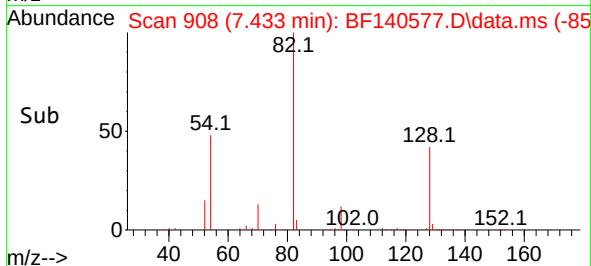
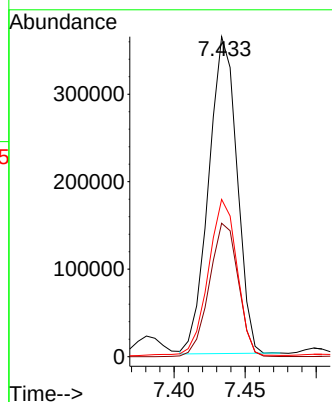
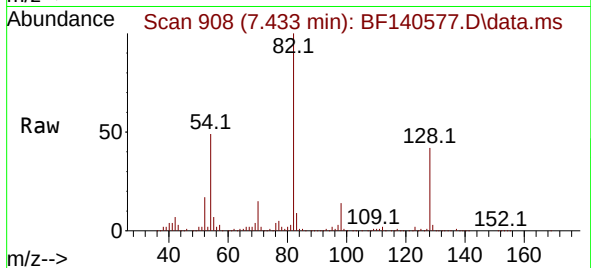
Tgt Ion: 82 Resp: 503341

Ion Ratio Lower Upper

82 100

128 41.7 33.0 49.4

54 49.2 39.5 59.3



#24

Nitrobenzene

Concen: 48.278 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

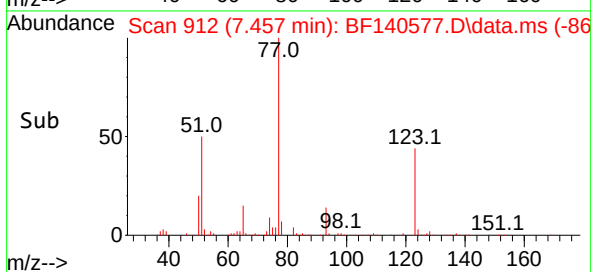
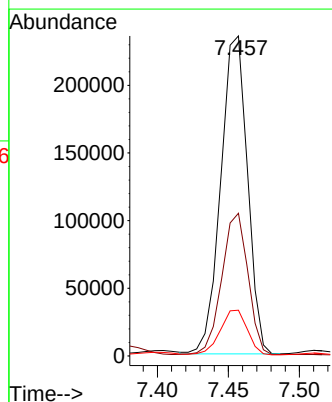
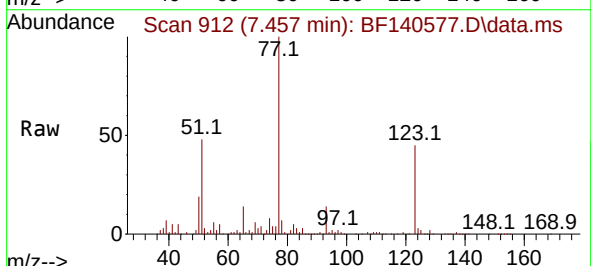
Tgt Ion: 77 Resp: 307966

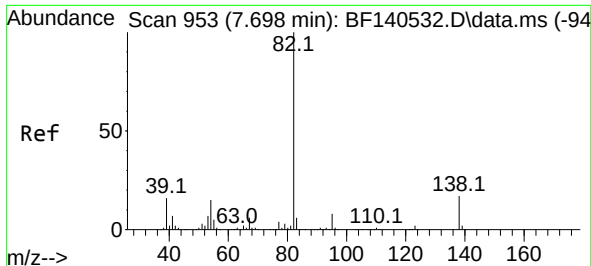
Ion Ratio Lower Upper

77 100

123 44.6 34.3 51.5

65 14.3 11.2 16.8

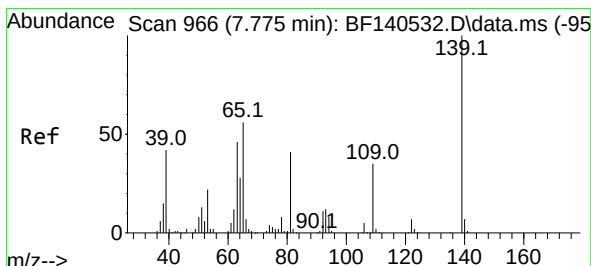
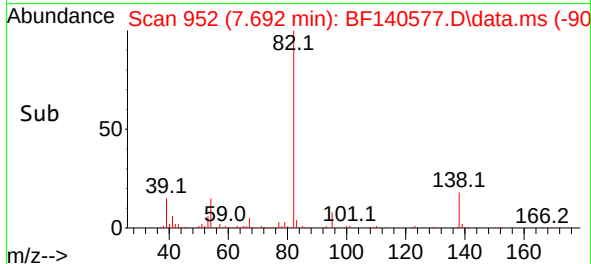
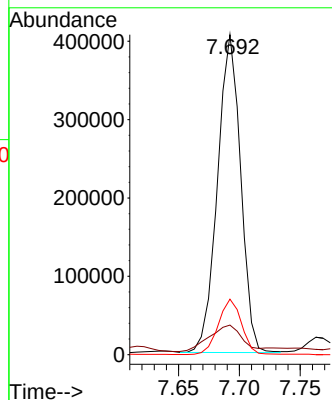
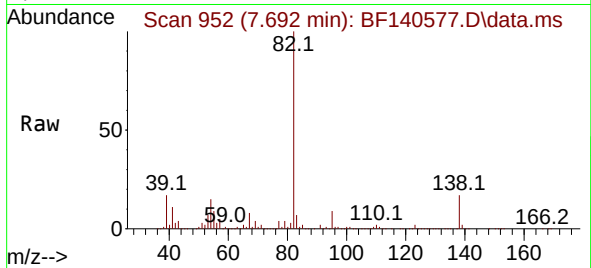




#25
Isophorone
Concen: 52.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

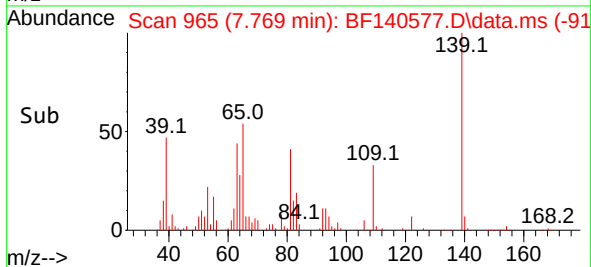
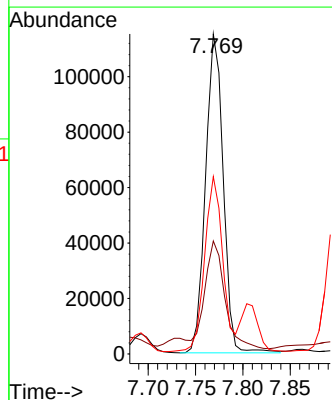
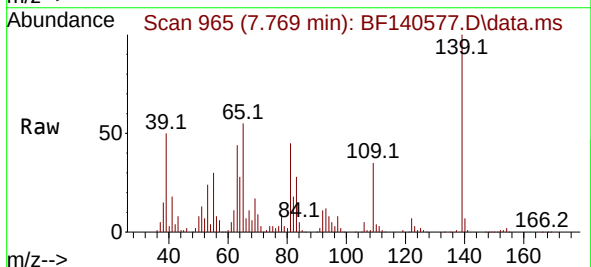
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

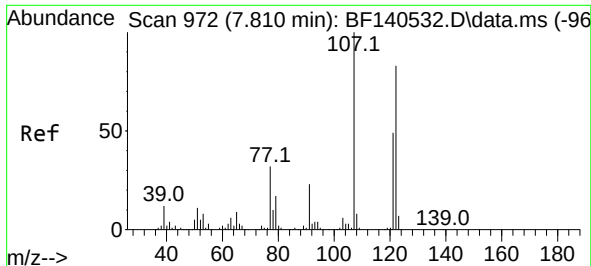
Tgt Ion: 82 Resp: 537141
Ion Ratio Lower Upper
82 100
95 9.3 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 52.657 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:139 Resp: 148857
Ion Ratio Lower Upper
139 100
109 35.3 28.0 42.0
65 55.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 62.001 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

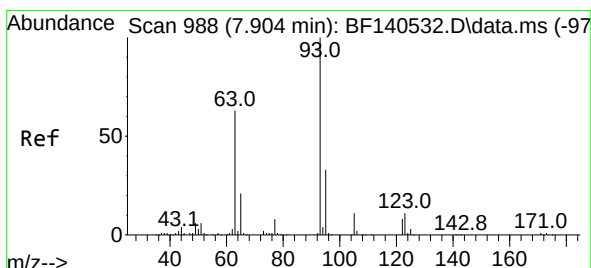
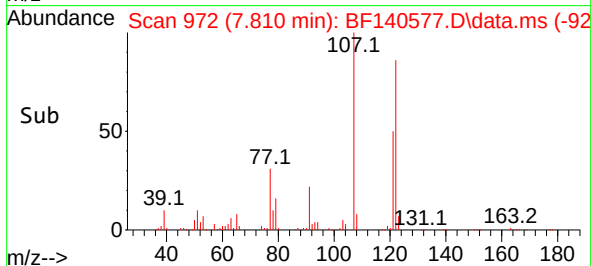
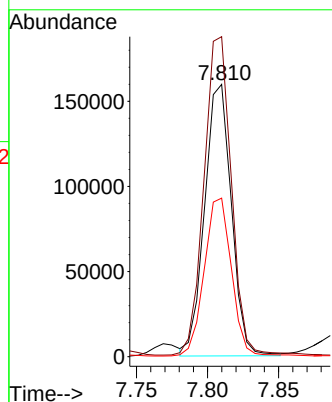
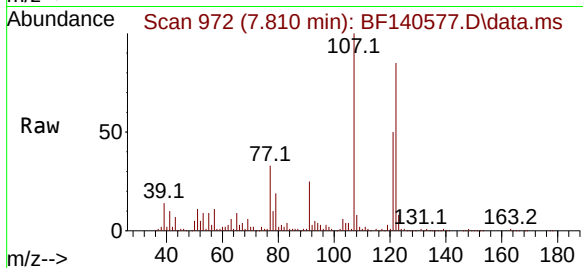
Tgt Ion:122 Resp: 209706

Ion Ratio Lower Upper

122 100

107 117.5 96.8 145.2

121 58.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.722 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

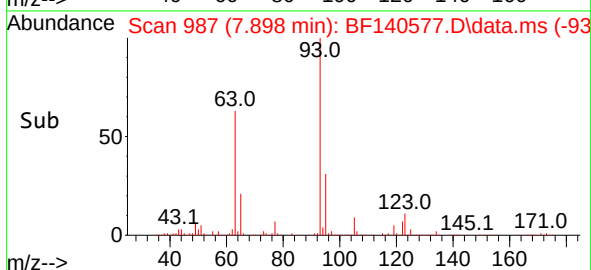
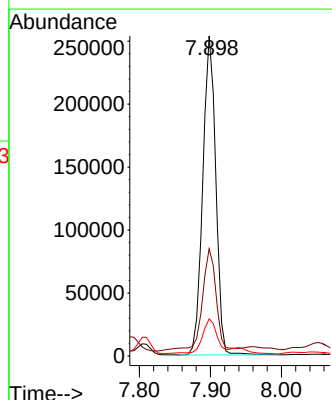
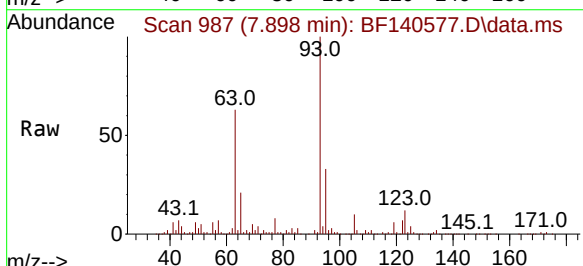
Tgt Ion: 93 Resp: 324370

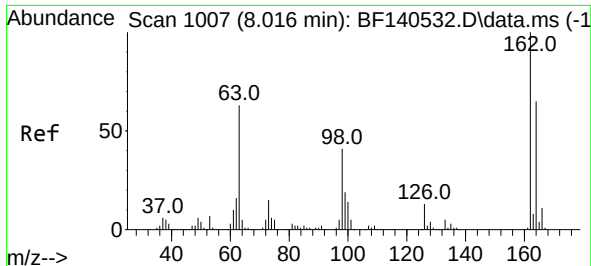
Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.647 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

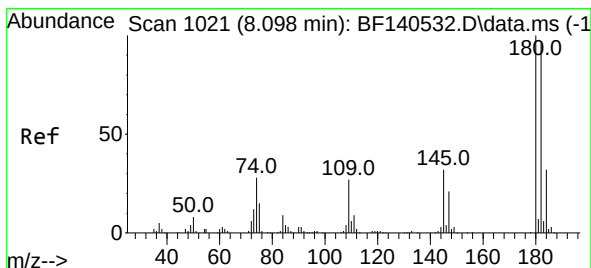
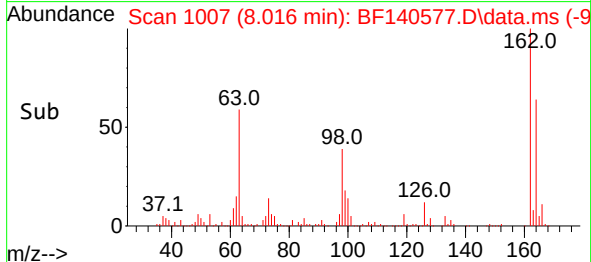
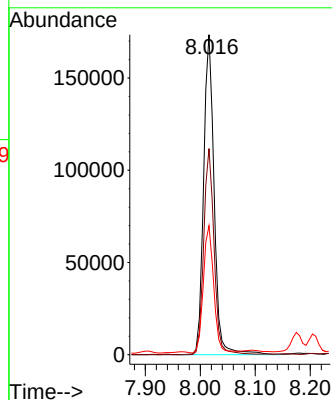
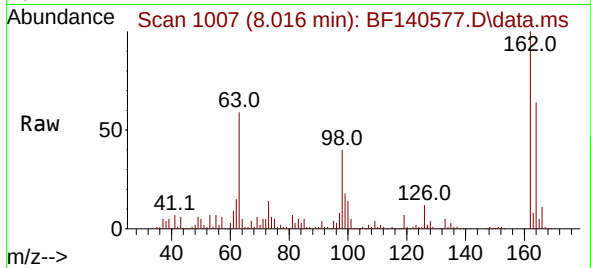
Tgt Ion:162 Resp: 231475

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

98 40.3 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 47.212 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

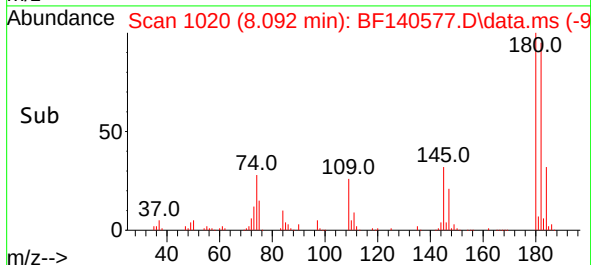
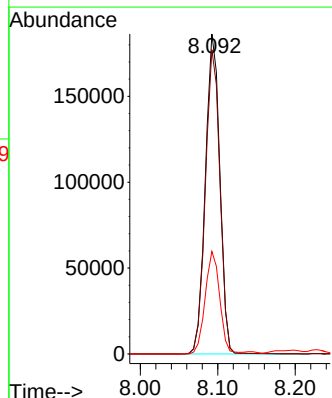
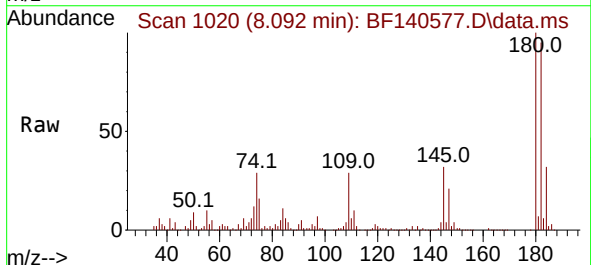
Tgt Ion:180 Resp: 241597

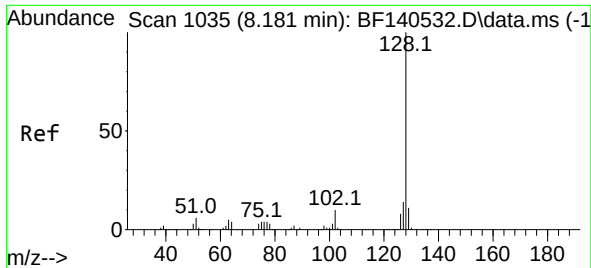
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 32.1 25.9 38.9

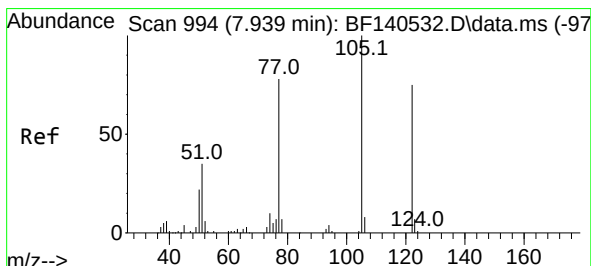
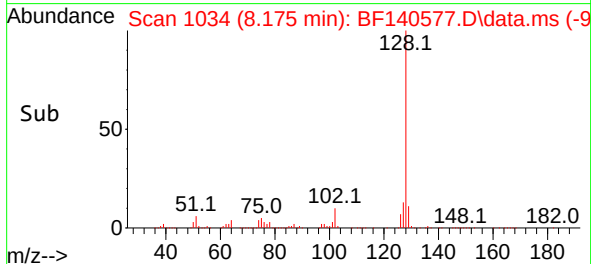
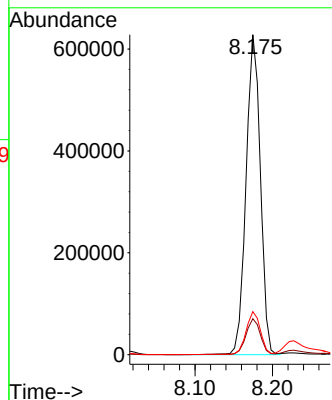
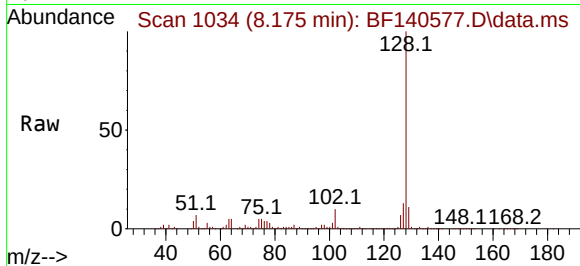




#31
Naphthalene
Concen: 49.485 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

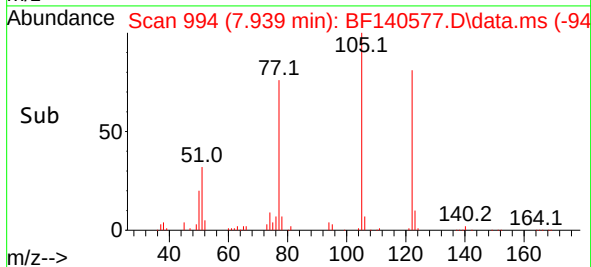
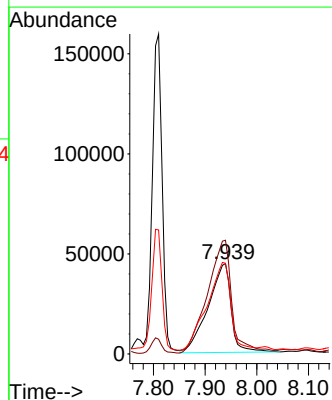
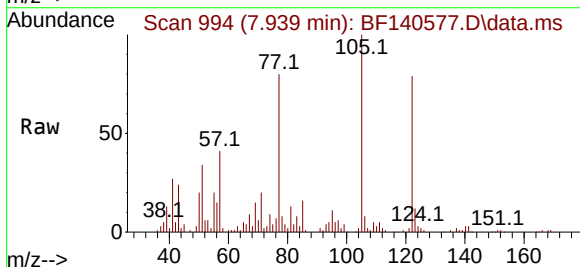
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

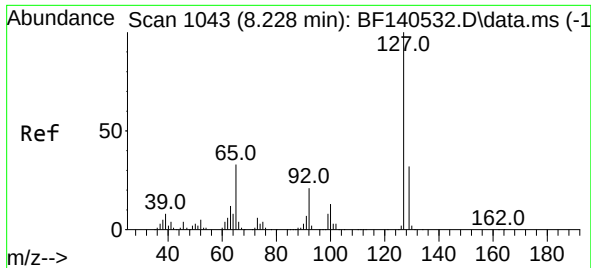
Tgt Ion:128 Resp: 804693
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 46.973 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:122 Resp: 137725
Ion Ratio Lower Upper
122 100
105 125.9 109.3 149.3
77 100.4 82.3 122.3

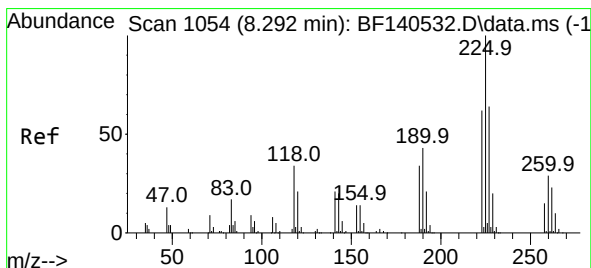
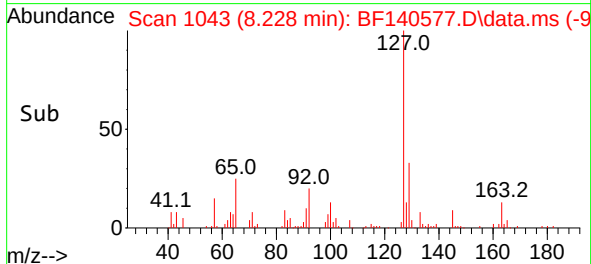
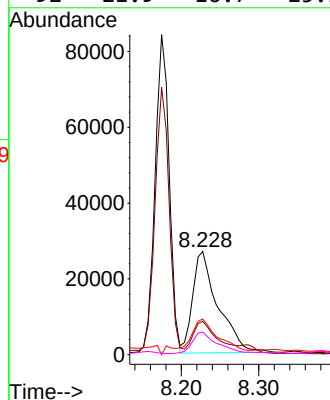
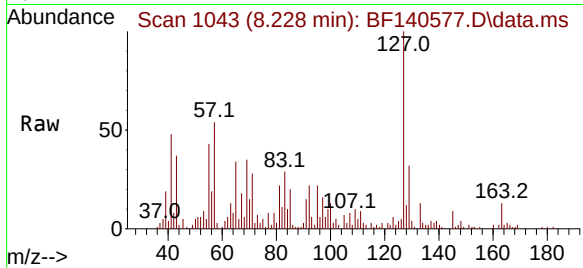




#33
4-Chloroaniline
Concen: 12.488 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

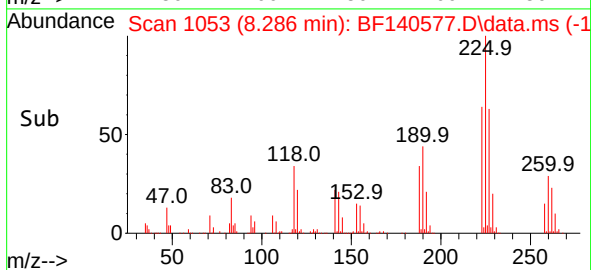
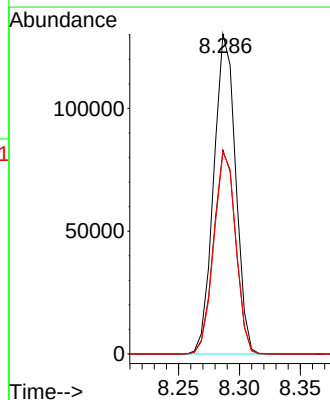
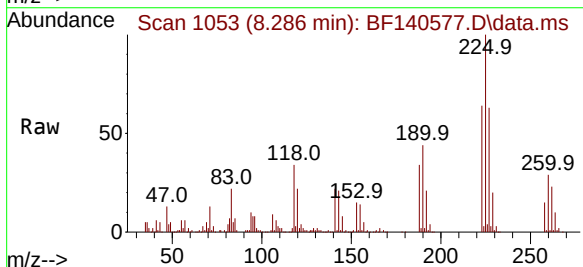
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

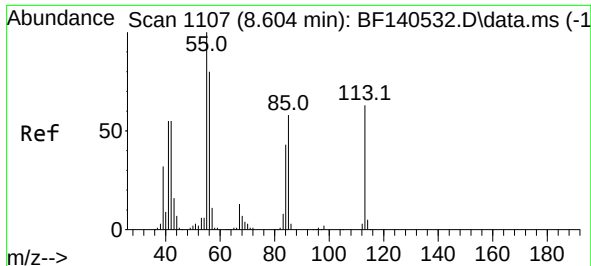
Tgt Ion:127	Resp:	60801
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.0 39.0
65	34.4	26.0 39.0
92	21.9	16.7 25.1



#34
Hexachlorobutadiene
Concen: 48.003 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:225	Resp:	162703
Ion	Ratio	Lower Upper
225	100	
223	63.7	49.8 74.8
227	63.1	51.3 76.9

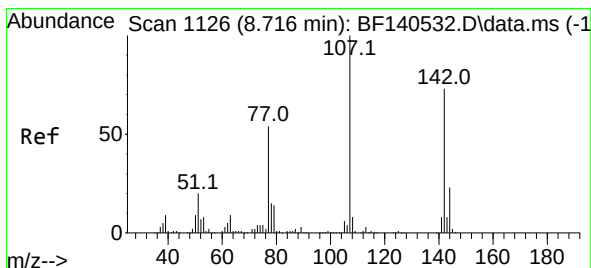
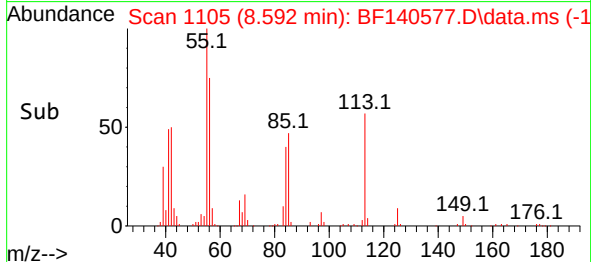
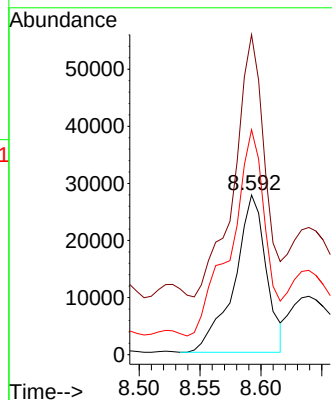
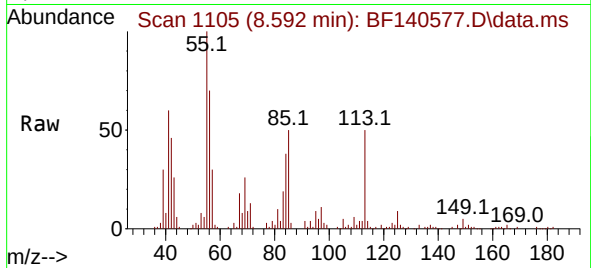




#35
 Caprolactam
 Concen: 36.234 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140577.D
 Acq: 22 Nov 2024 15:06

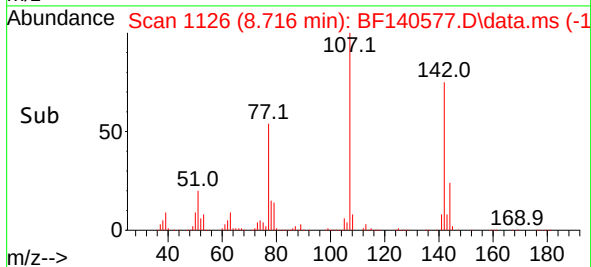
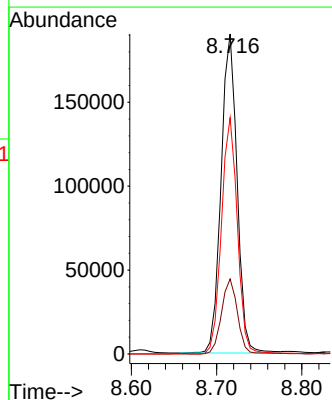
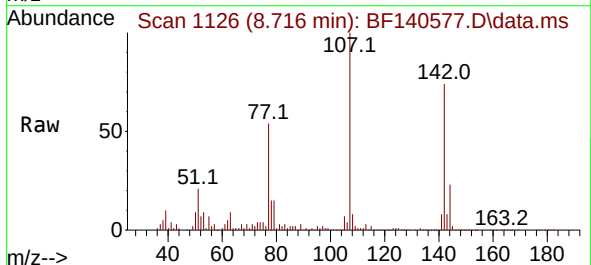
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

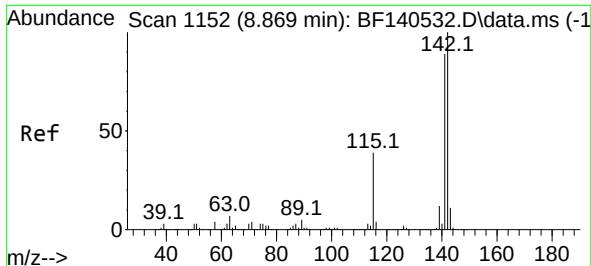
Tgt Ion:113 Resp: 50256
 Ion Ratio Lower Upper
 113 100
 55 200.4 137.7 177.7#
 56 140.9 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.438 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140577.D
 Acq: 22 Nov 2024 15:06

Tgt Ion:107 Resp: 248078
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.7 28.1
 142 73.9 58.3 87.5

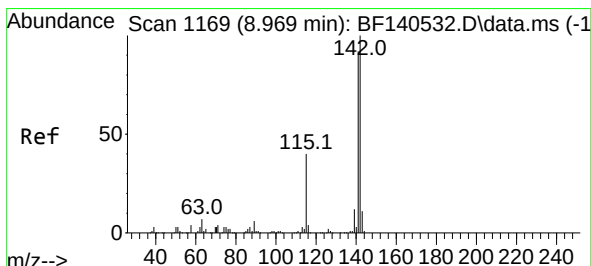
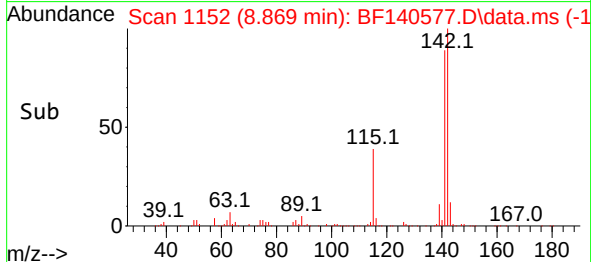
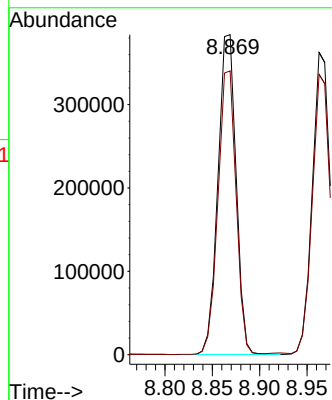
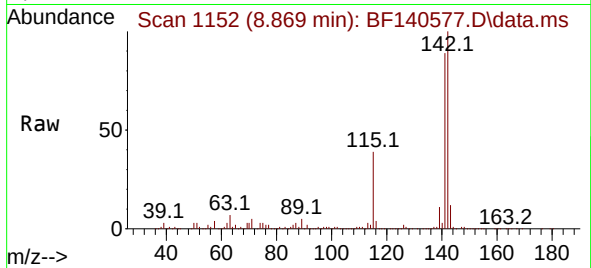




#37
2-Methylnaphthalene
Concen: 49.578 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

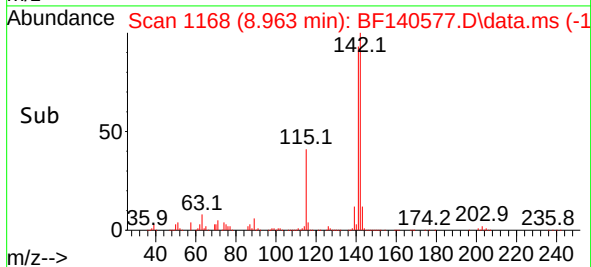
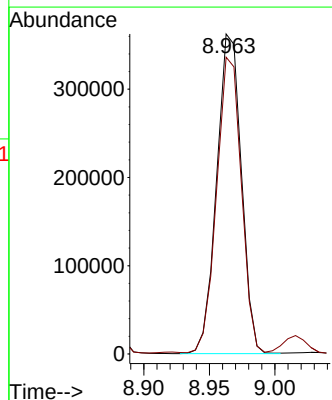
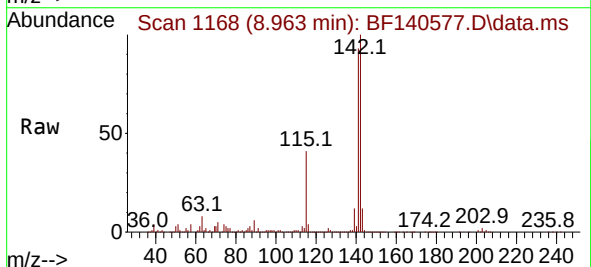
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

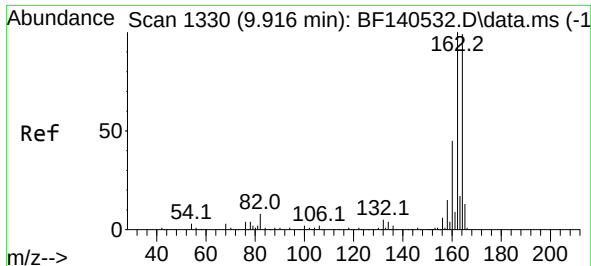
Tgt Ion:142 Resp: 512074
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.744 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:142 Resp: 473243
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9

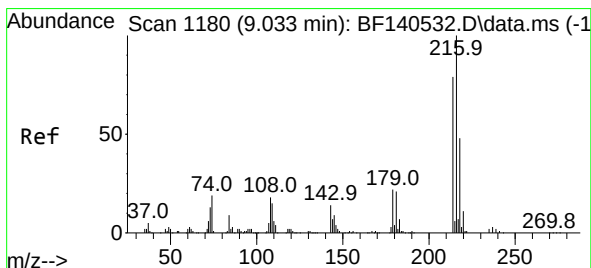
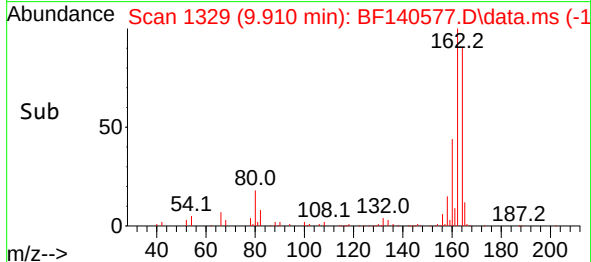
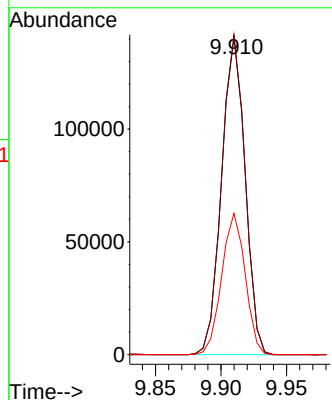
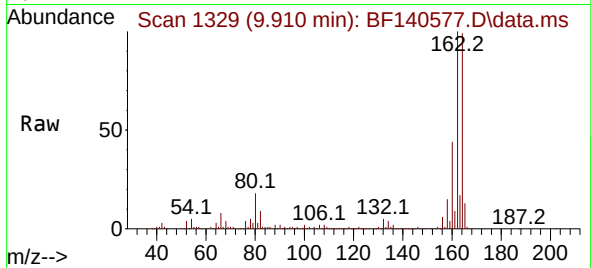




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

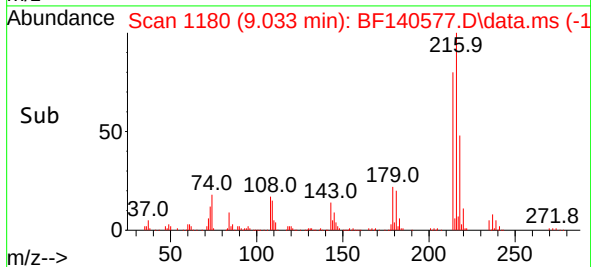
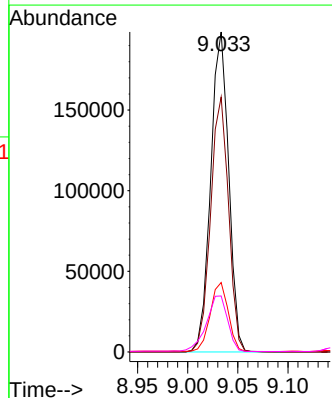
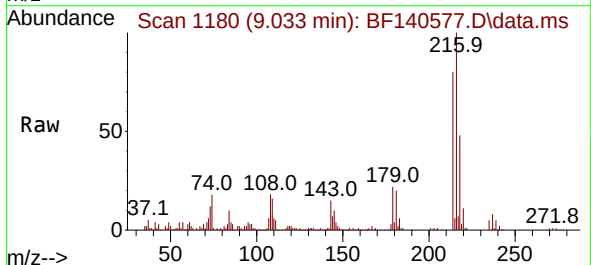
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

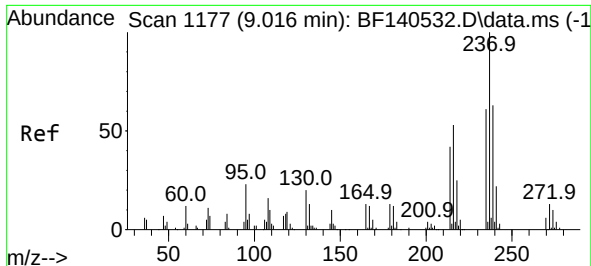
Tgt Ion:164 Resp: 175034
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.344 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:216 Resp: 247720
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 21.7 17.5 26.3
108 20.5 14.7 22.1

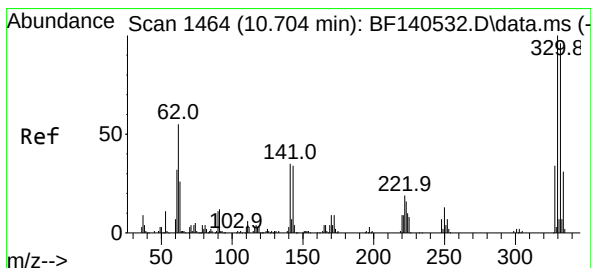
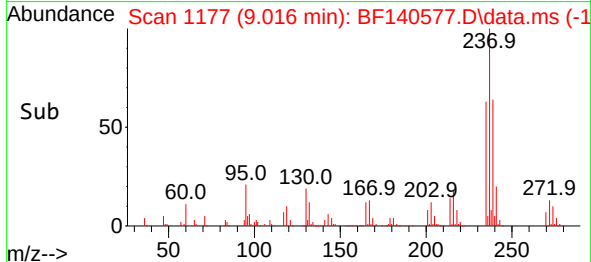
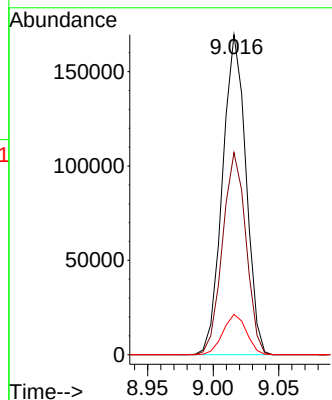
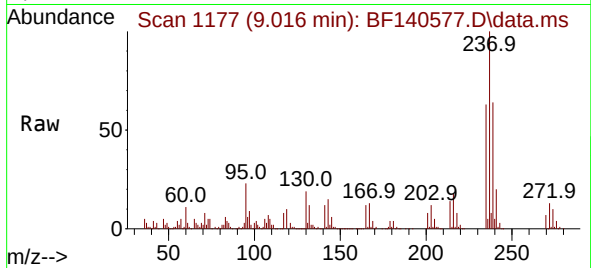




#41
Hexachlorocyclopentadiene
Concen: 173.404 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

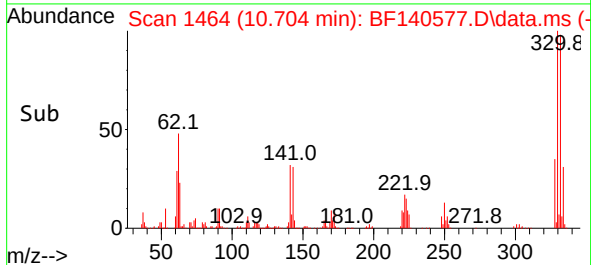
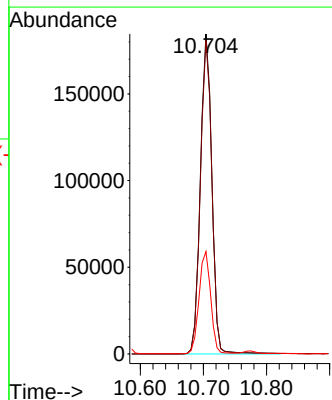
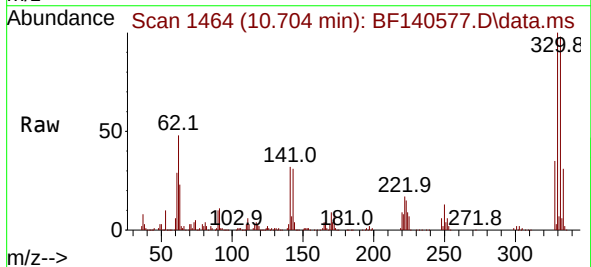
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

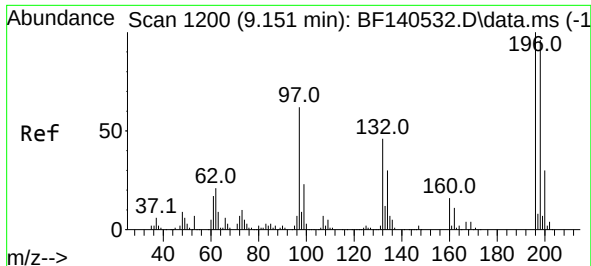
Tgt Ion:237 Resp: 210514
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 124.518 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:330 Resp: 233097
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 32.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.854 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

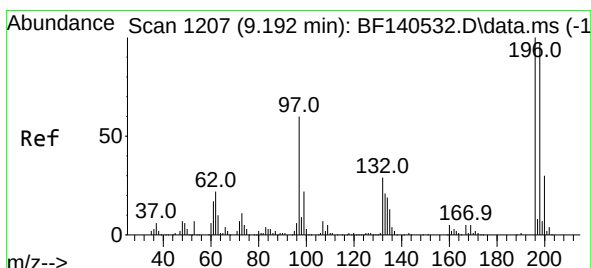
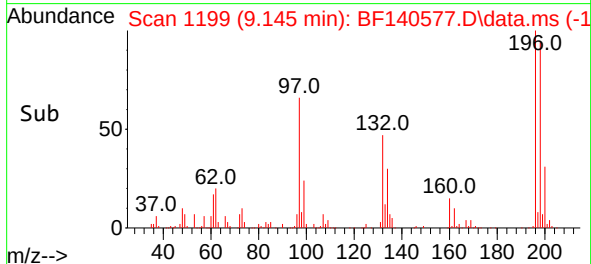
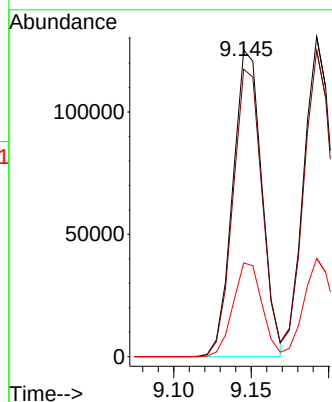
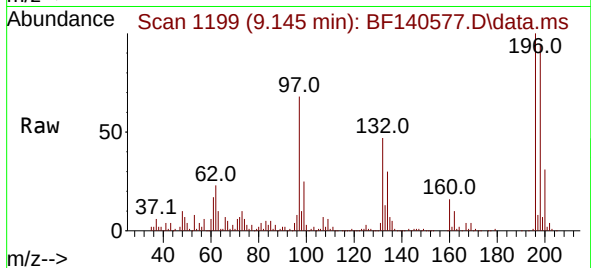
Tgt Ion:196 Resp: 163512

Ion Ratio Lower Upper

196 100

198 93.7 76.8 115.2

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.462 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Tgt Ion:196 Resp: 172601

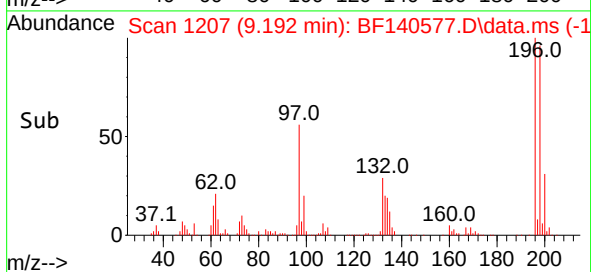
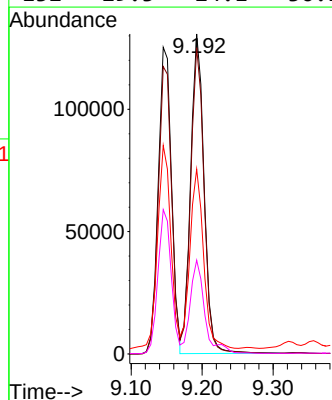
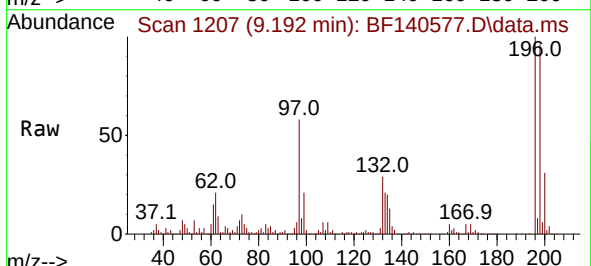
Ion Ratio Lower Upper

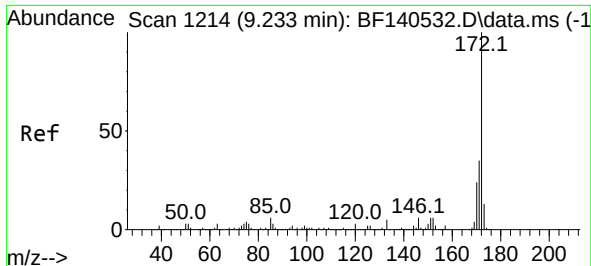
196 100

198 95.7 77.2 115.8

97 57.8 47.1 70.7

132 29.3 24.1 36.1

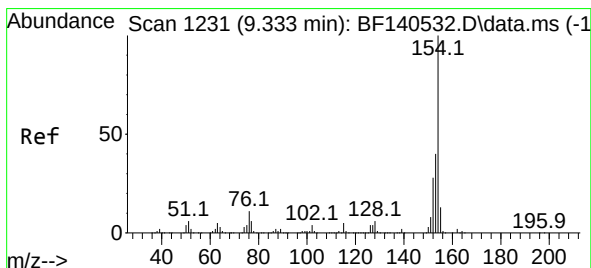
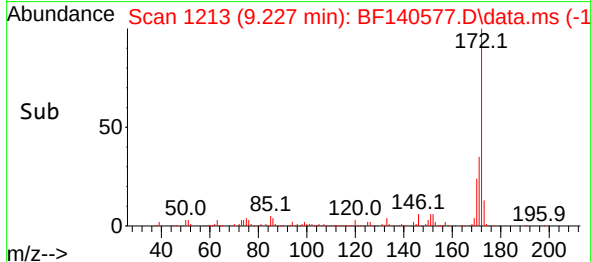
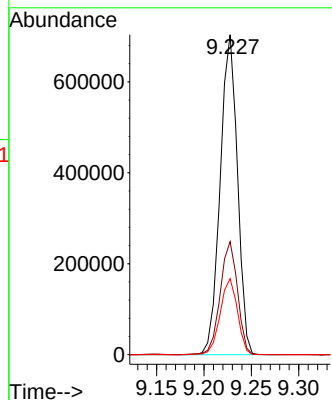
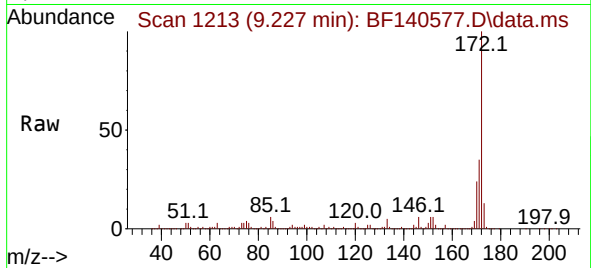




#45
2-Fluorobiphenyl
Concen: 75.992 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

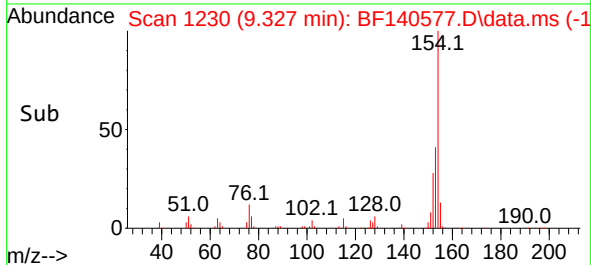
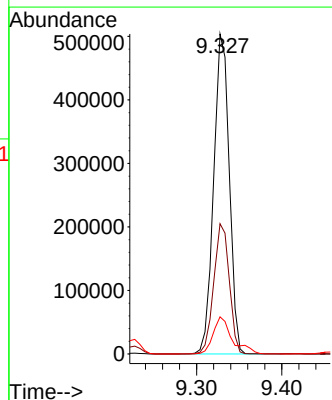
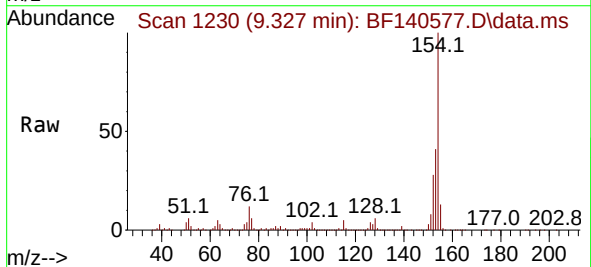
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

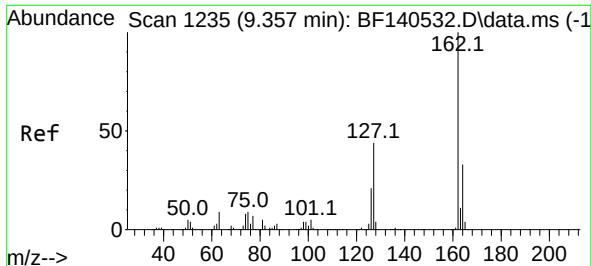
Tgt Ion:172 Resp: 892733
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 48.975 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:154 Resp: 640020
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 11.6 0.0 31.2

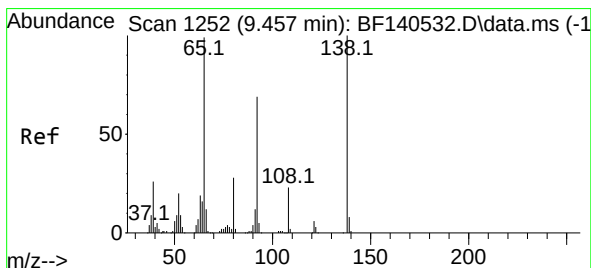
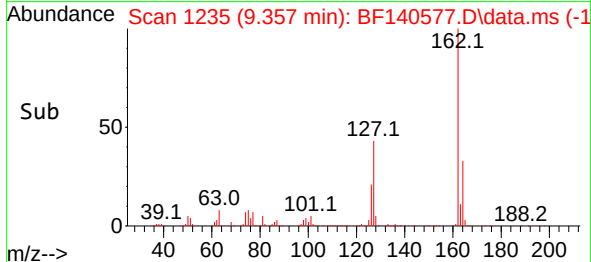
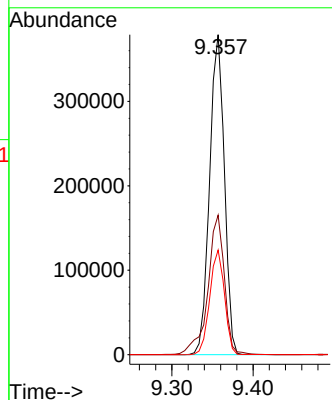
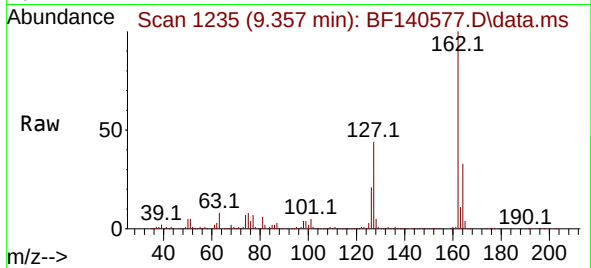




#47
2-Chloronaphthalene
Concen: 48.279 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

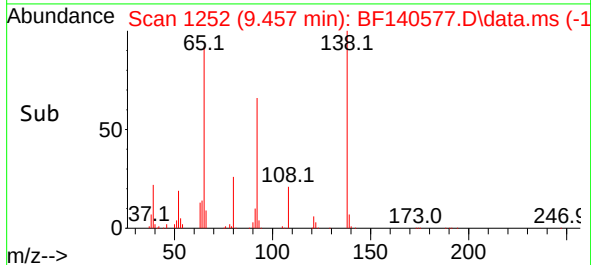
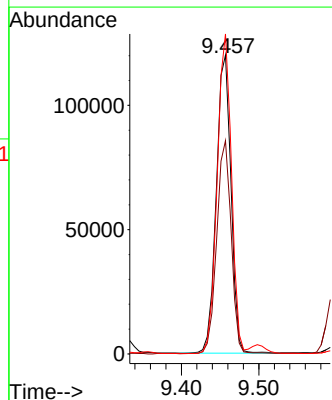
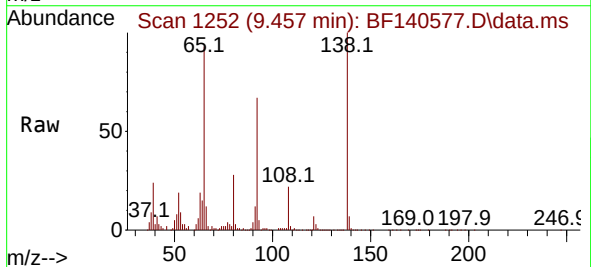
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

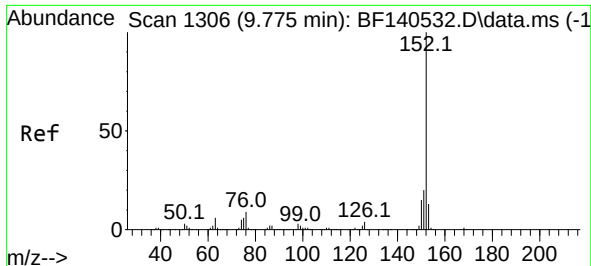
Tgt Ion:162 Resp: 478057
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 49.511 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion: 65 Resp: 157365
Ion Ratio Lower Upper
65 100
92 71.3 56.1 84.1
138 107.0 81.0 121.6





#49

Acenaphthylene

Concen: 52.547 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

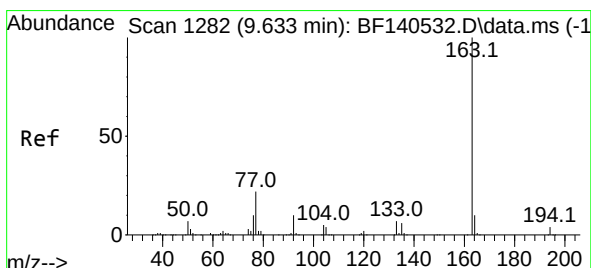
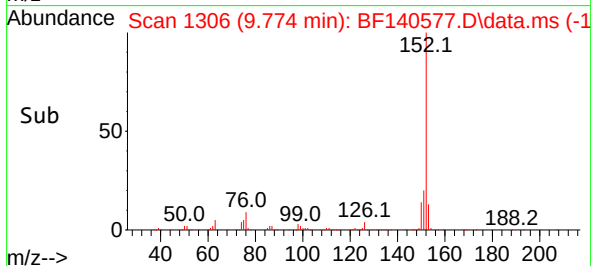
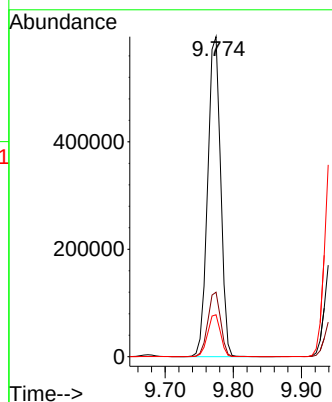
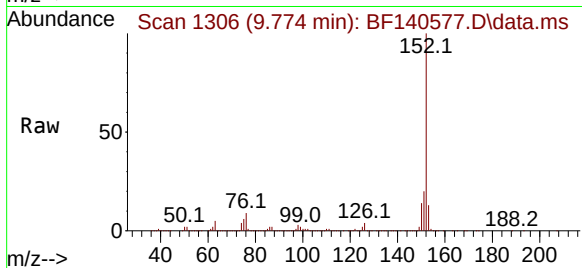
Tgt Ion:152 Resp: 786178

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 50.696 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

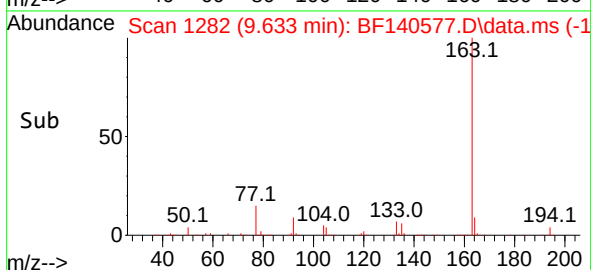
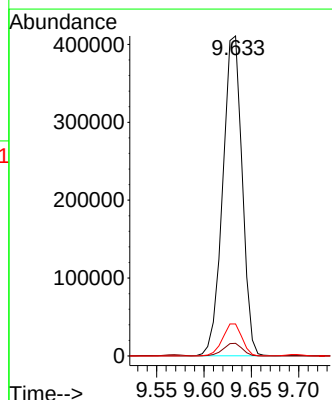
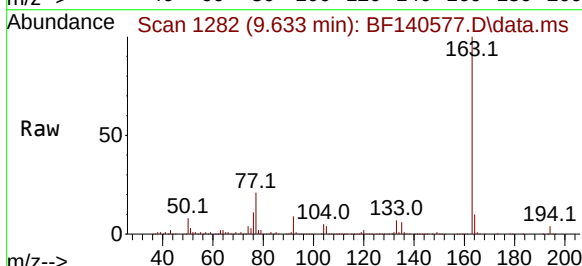
Tgt Ion:163 Resp: 584404

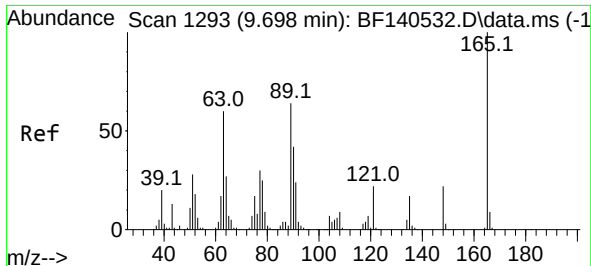
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.115 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

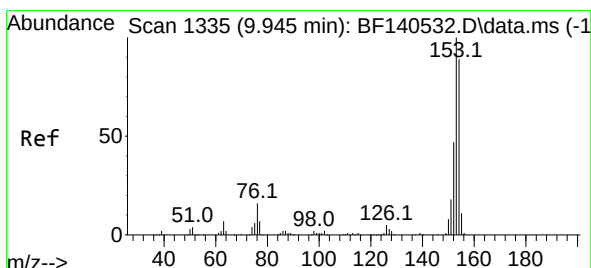
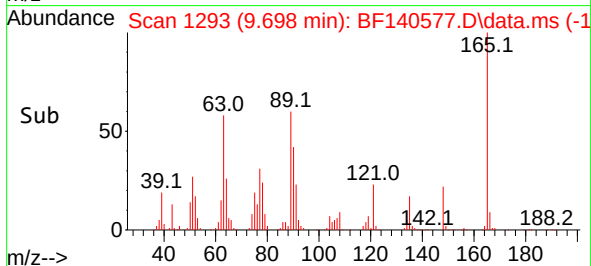
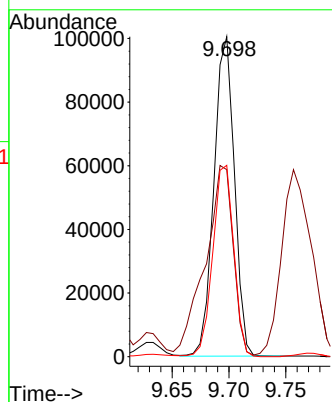
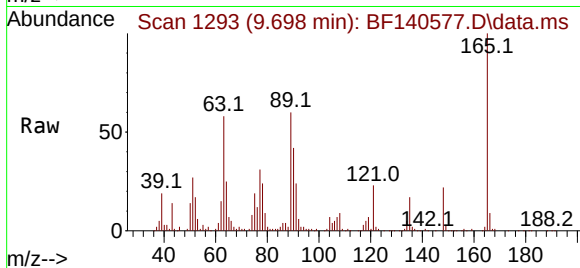
Tgt Ion:165 Resp: 125793

Ion Ratio Lower Upper

165 100

63 58.4 49.9 74.9

89 59.8 50.9 76.3



#52

Acenaphthene

Concen: 51.848 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

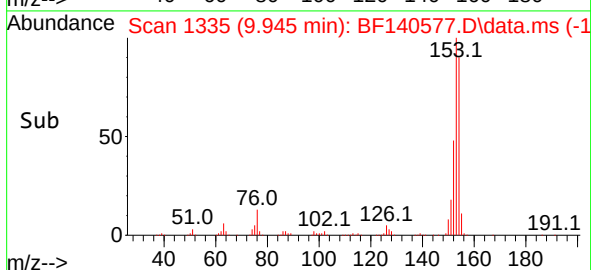
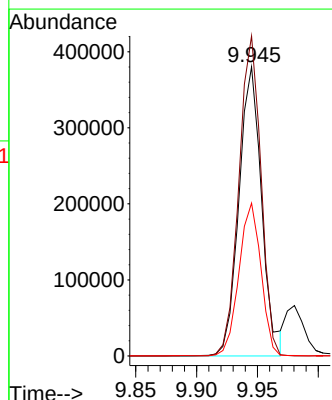
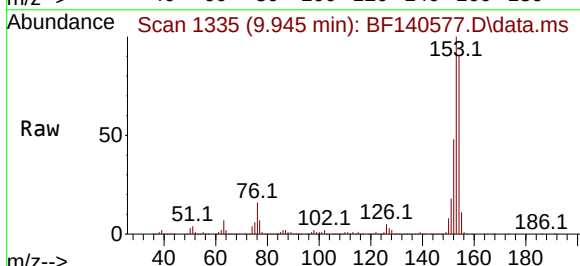
Tgt Ion:154 Resp: 492885

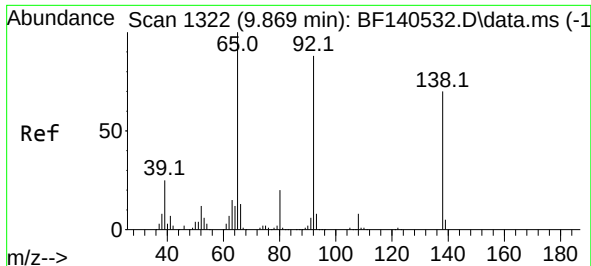
Ion Ratio Lower Upper

154 100

153 110.7 89.7 134.5

152 52.9 42.5 63.7

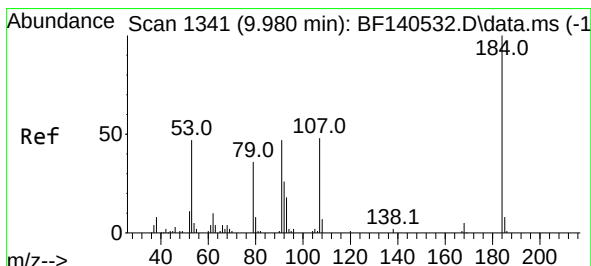
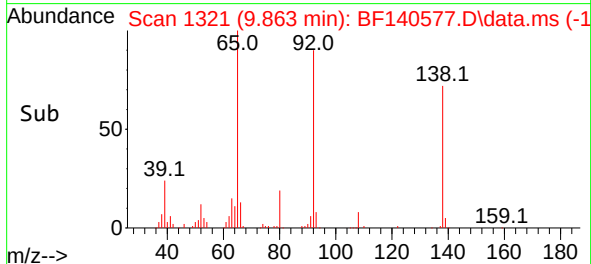
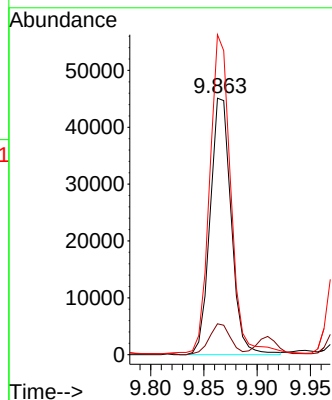
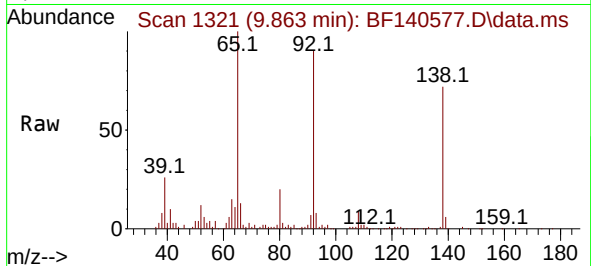




#53
3-Nitroaniline
Concen: 24.213 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

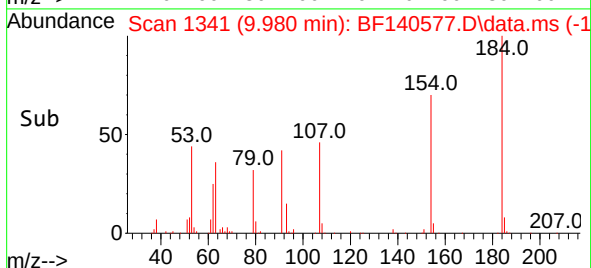
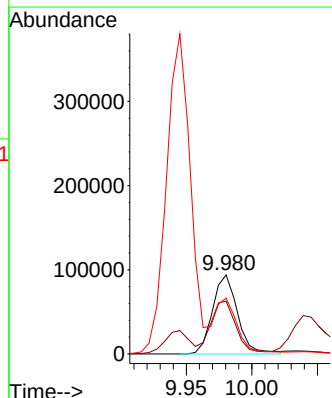
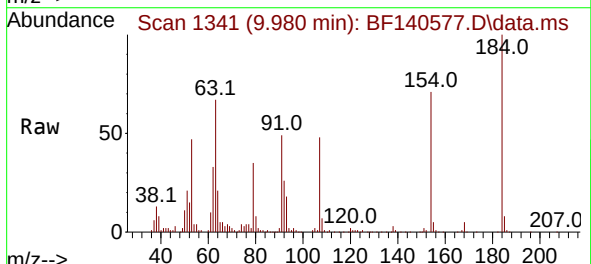
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

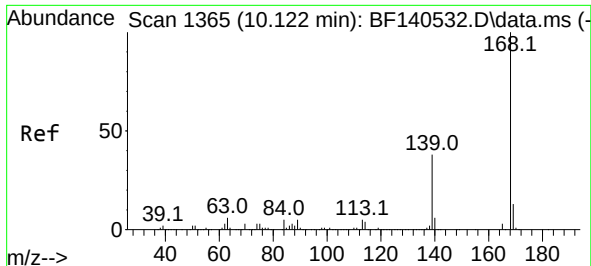
Tgt Ion:138 Resp: 61912
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 124.8 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 91.153 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:184 Resp: 125060
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 70.5 57.4 86.0

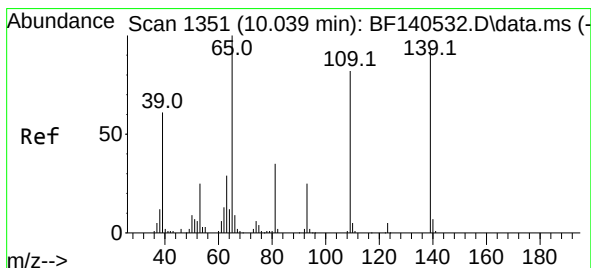
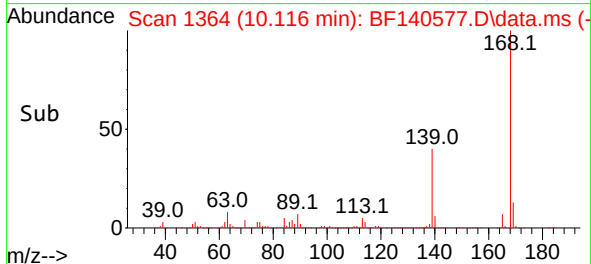
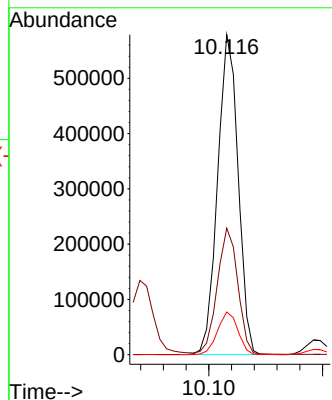
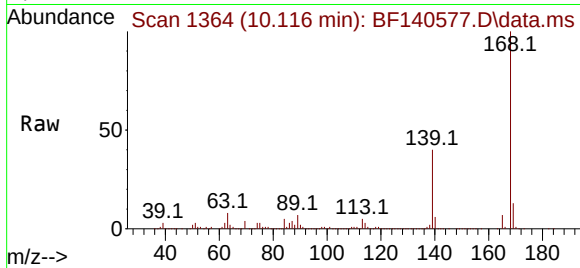




#55
Dibenzenofuran
Concen: 50.116 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

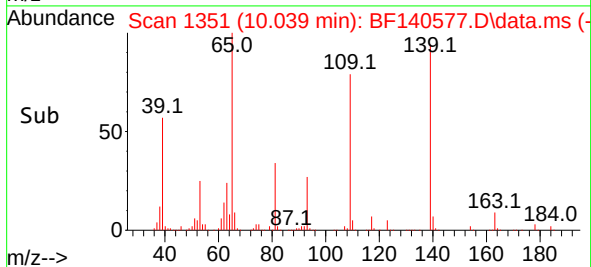
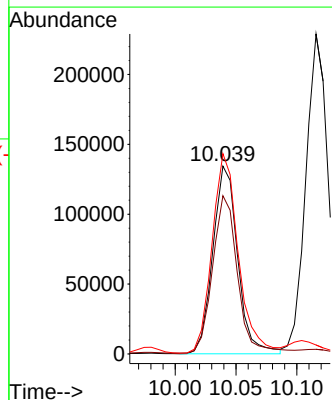
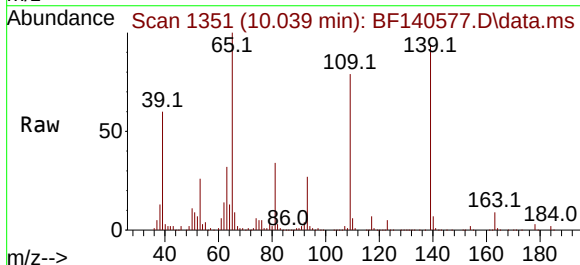
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

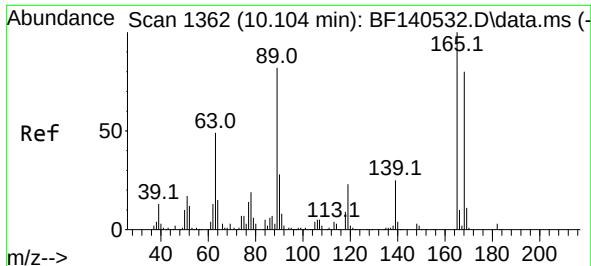
Tgt Ion:168 Resp: 726692
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 109.321 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:139 Resp: 190643
Ion Ratio Lower Upper
139 100
109 84.2 68.4 108.4
65 106.7 88.6 128.6

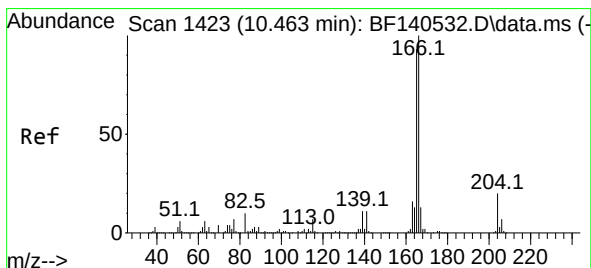
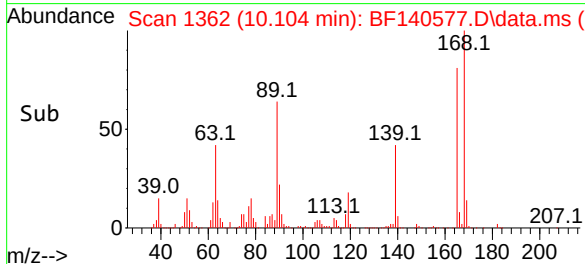
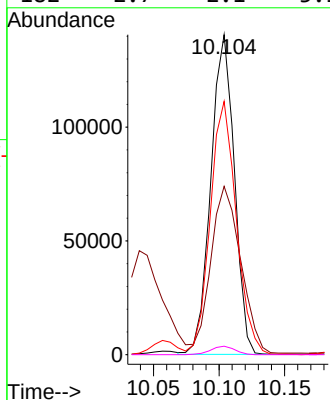
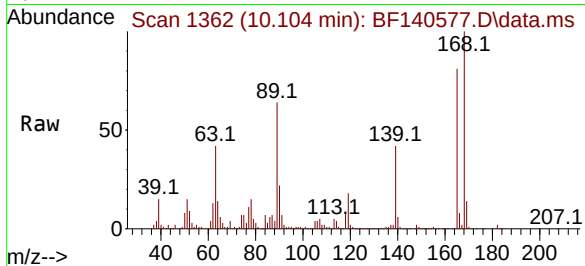




#57
2,4-Dinitrotoluene
Concen: 50.275 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

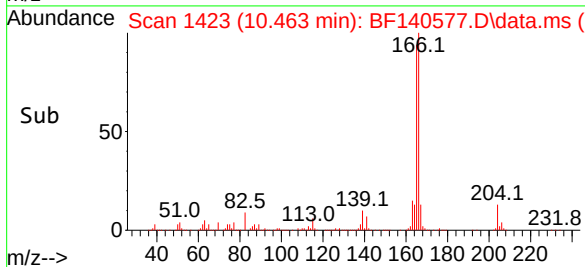
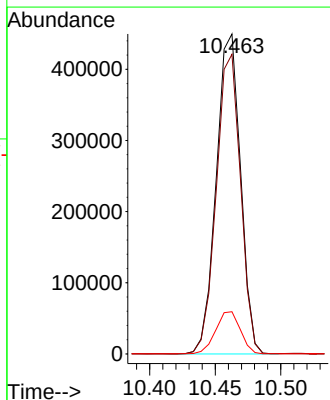
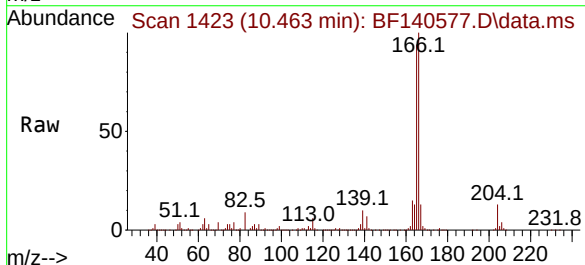
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

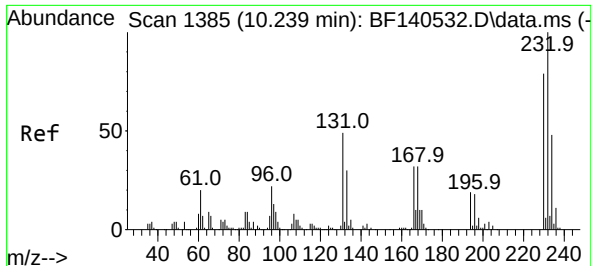
Tgt Ion:165 Resp: 174688
Ion Ratio Lower Upper
165 100
63 52.6 41.7 62.5
89 79.1 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 49.707 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:166 Resp: 578539
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.2 10.6 16.0

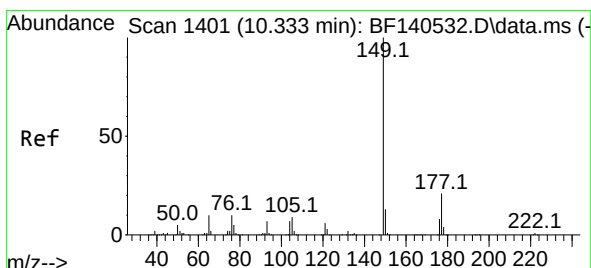
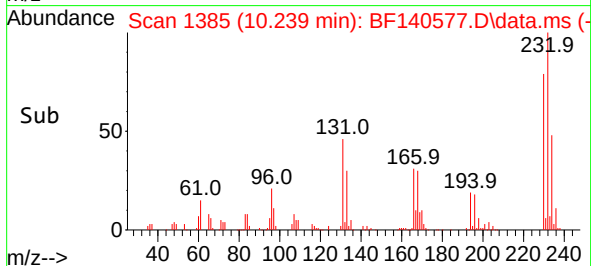
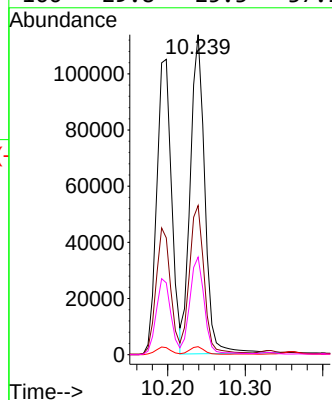
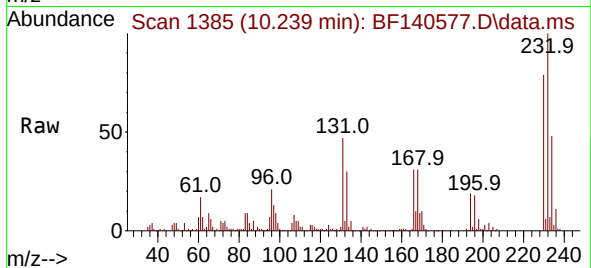




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.019 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

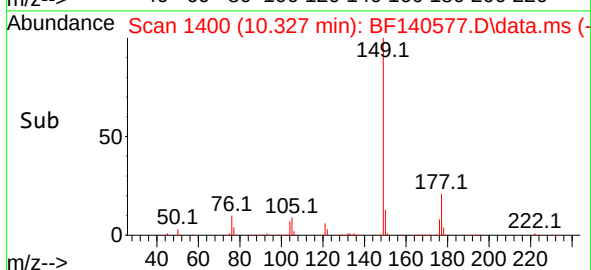
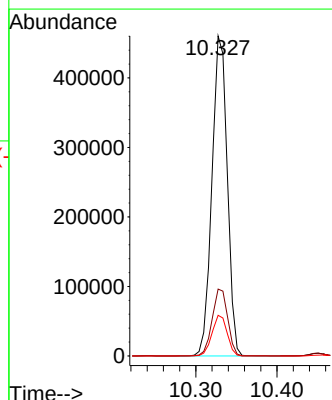
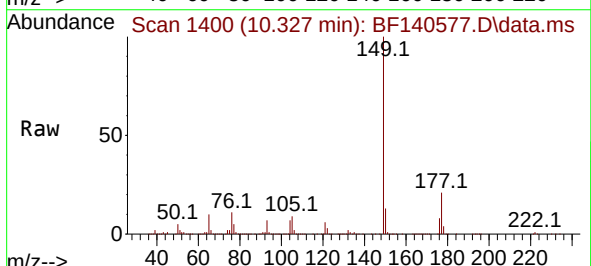
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

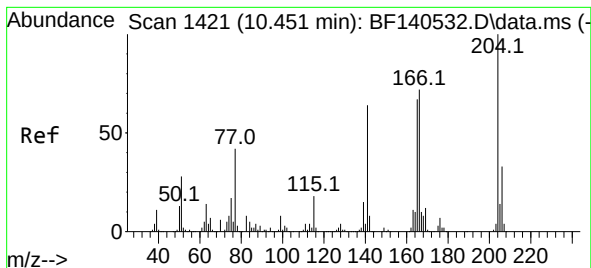
Tgt Ion:232 Resp: 147553
Ion Ratio Lower Upper
232 100
131 46.2 39.6 59.4
130 2.3 1.9 2.9
166 29.8 25.3 37.9



#60
Diethylphthalate
Concen: 51.521 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:149 Resp: 603428
Ion Ratio Lower Upper
149 100
177 20.9 17.1 25.7
150 12.7 10.1 15.1

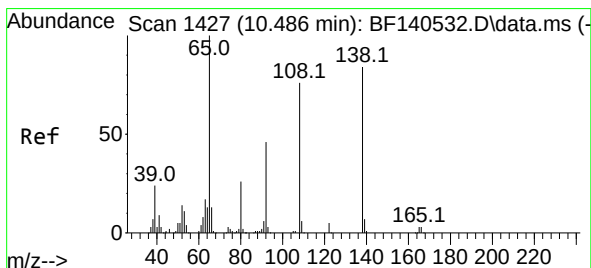
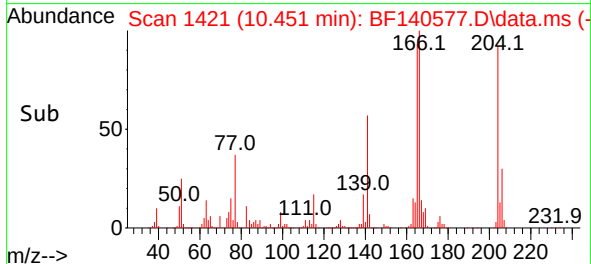
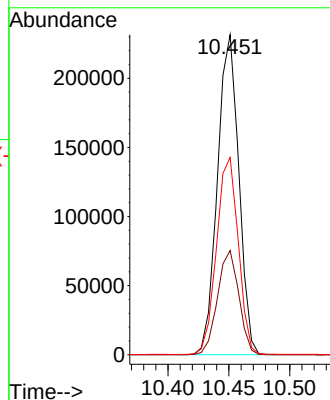
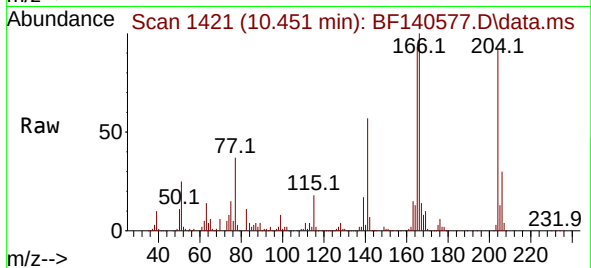




#61
4-Chlorophenyl-phenylether
Concen: 49.434 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

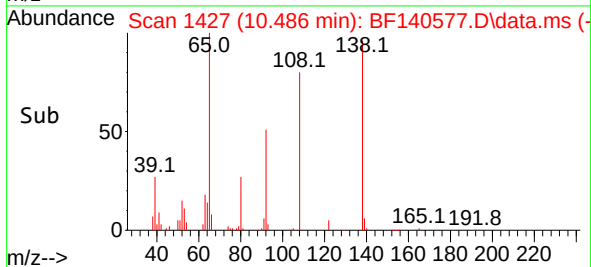
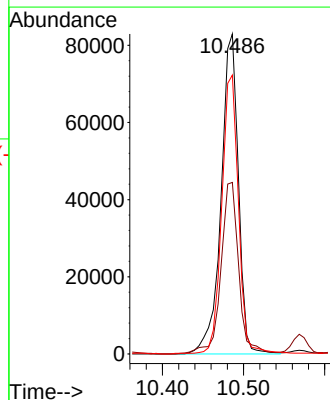
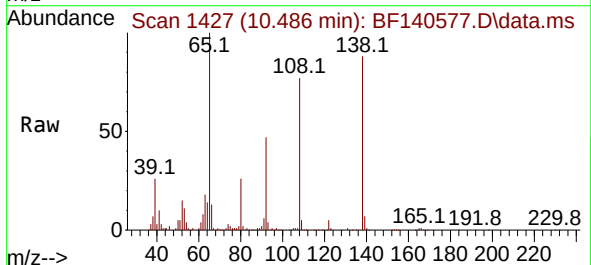
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

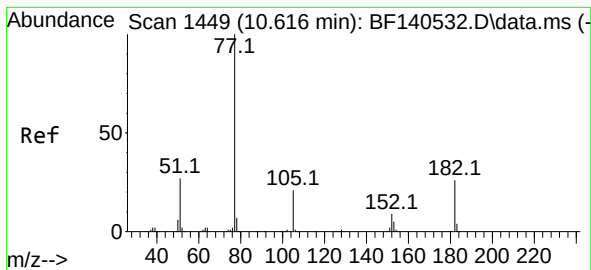
Tgt Ion:204 Resp: 282362
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 61.6 51.1 76.7



#62
4-Nitroaniline
Concen: 46.013 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:138 Resp: 123400
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 87.1 70.6 110.6





#63

Azobenzene

Concen: 54.929 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 77 Resp: 609245

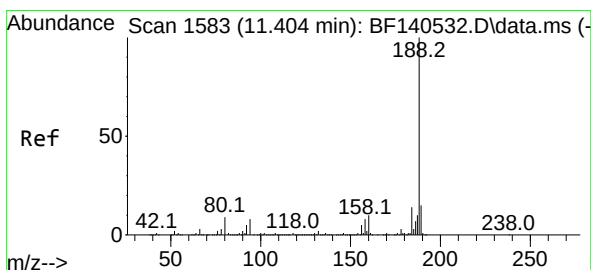
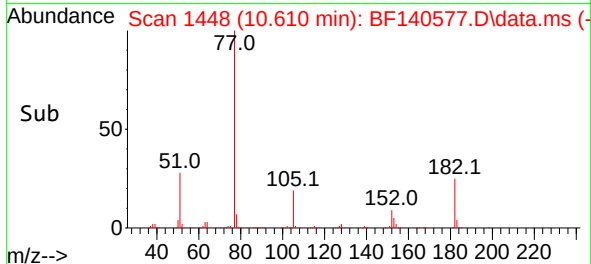
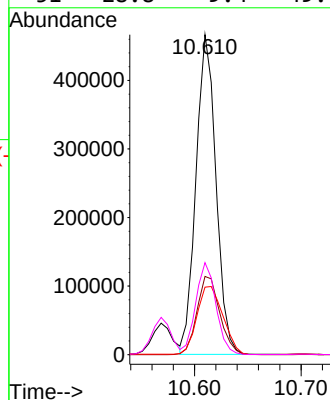
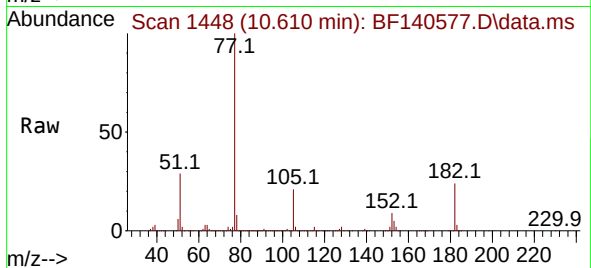
Ion Ratio Lower Upper

77 100

182 24.5 5.3 45.3

105 21.1 0.3 40.3

51 28.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

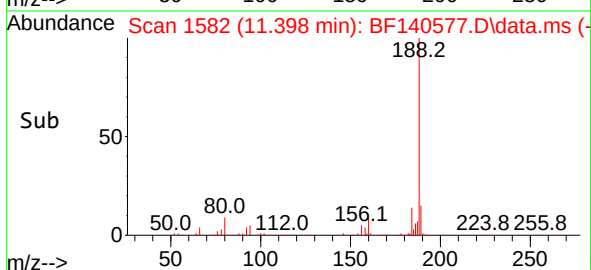
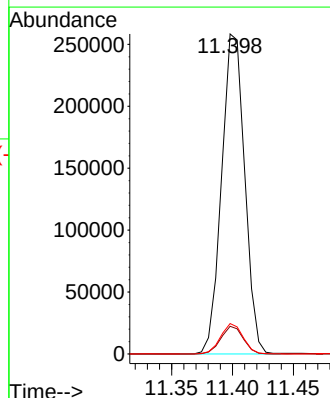
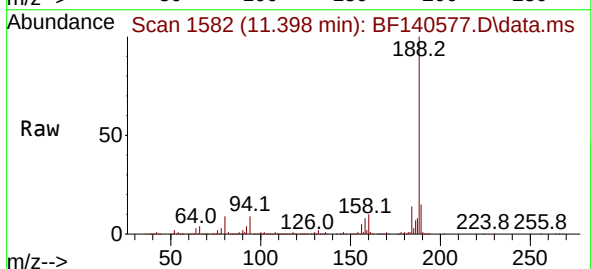
Tgt Ion: 188 Resp: 341593

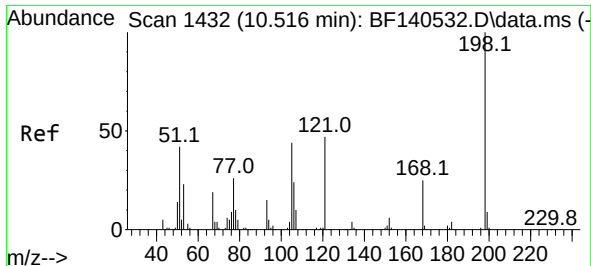
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.5 6.9 10.3

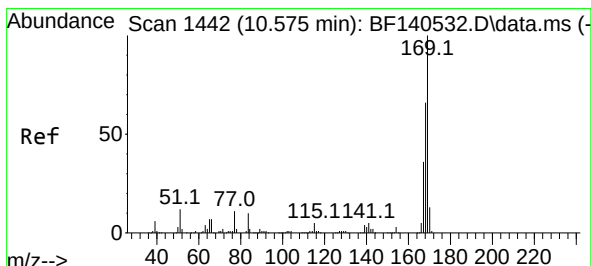
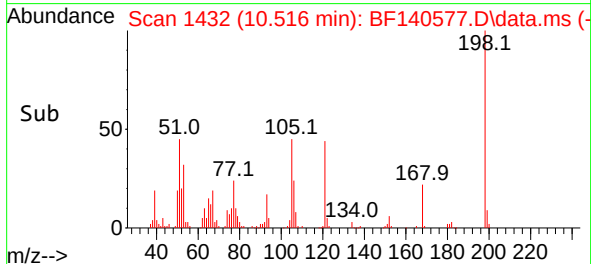
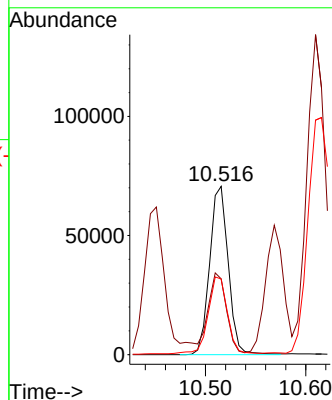
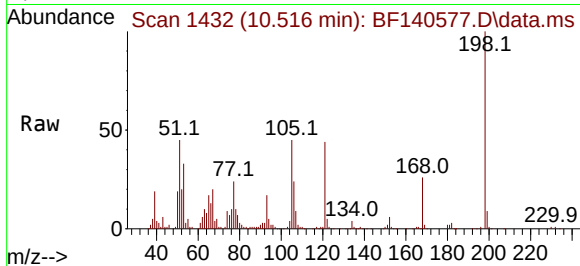




#65
4,6-Dinitro-2-methylphenol
Concen: 52.213 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

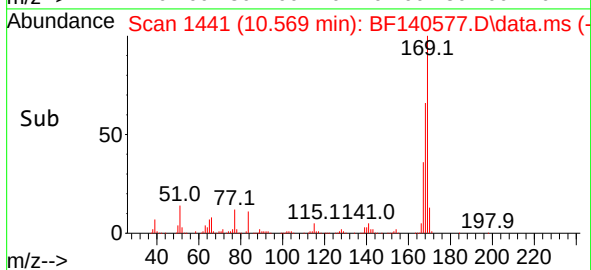
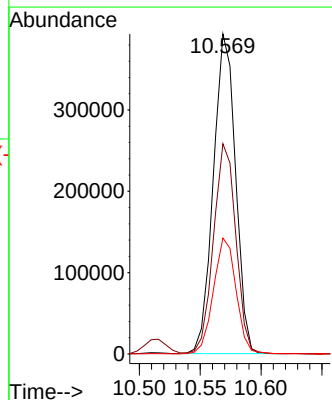
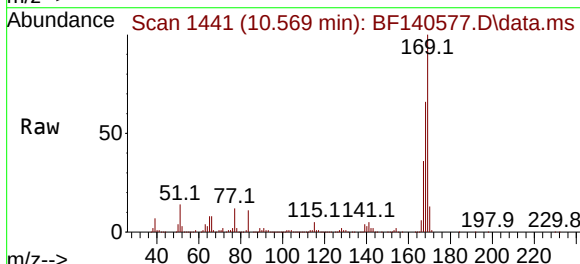
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

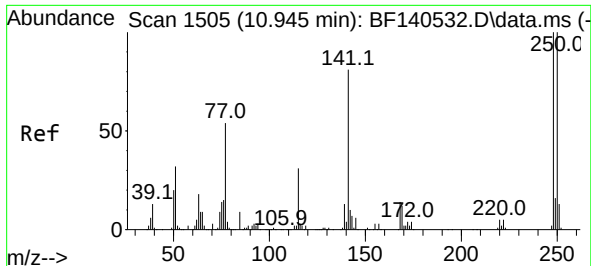
Tgt Ion:198 Resp: 91140
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 44.9 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.445 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:169 Resp: 499480
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.3 29.0 43.6

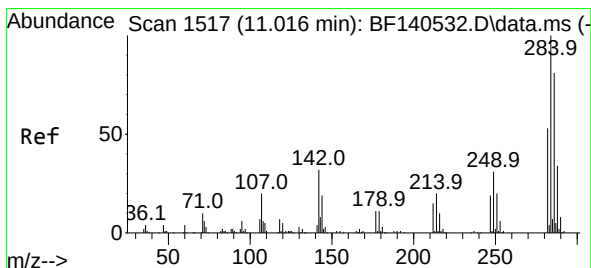
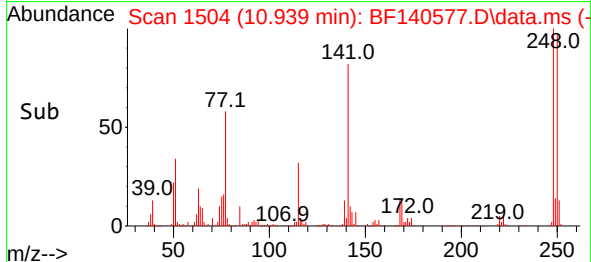
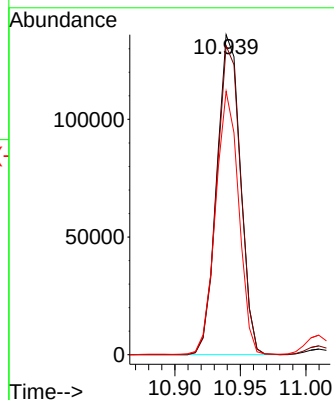
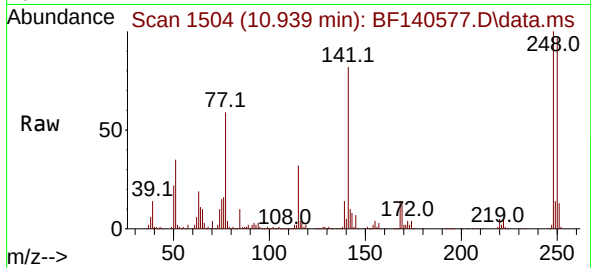




#67
4-Bromophenyl-phenylether
Concen: 48.637 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

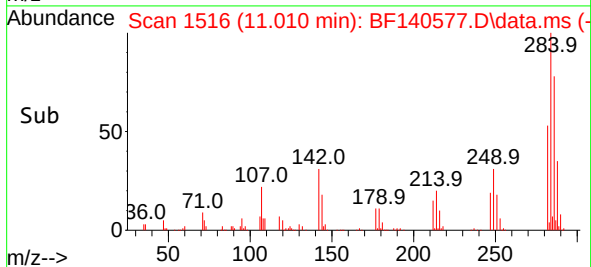
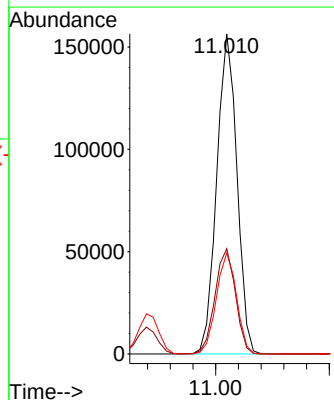
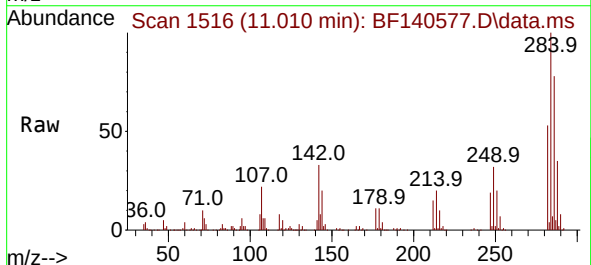
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

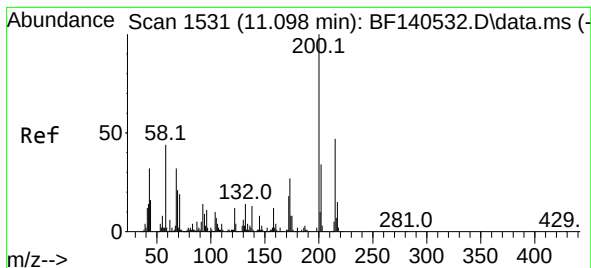
Tgt Ion:248 Resp: 171100
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 82.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 47.464 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:284 Resp: 193339
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 31.5 24.8 37.2





#69

Atrazine

Concen: 58.654 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

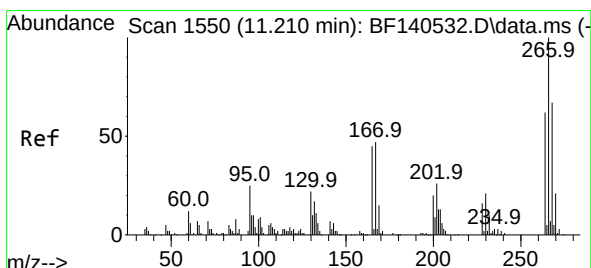
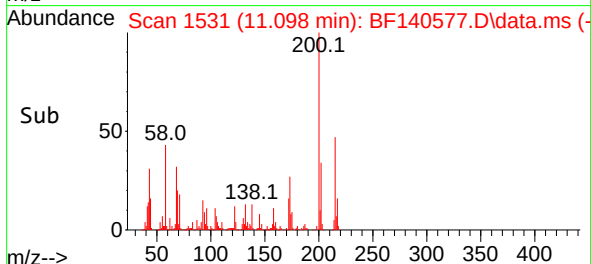
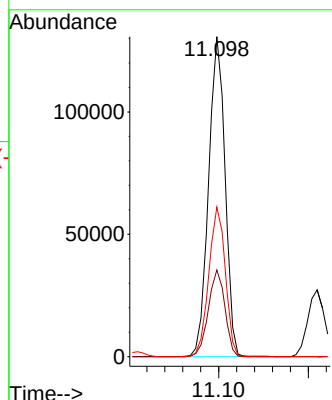
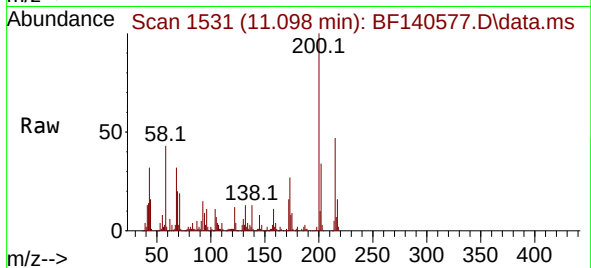
Tgt Ion:200 Resp: 166686

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 110.704 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

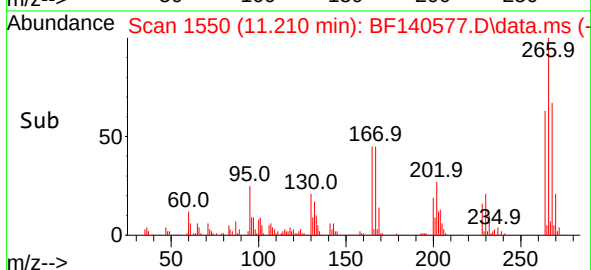
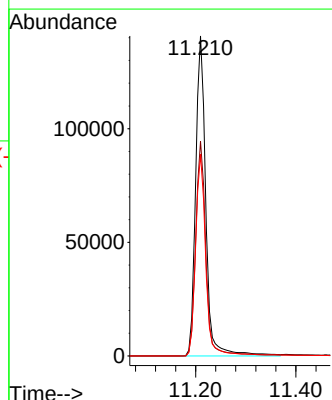
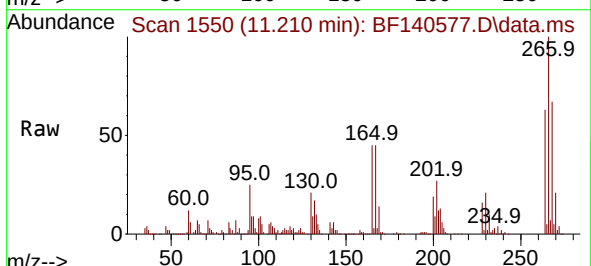
Tgt Ion:266 Resp: 198468

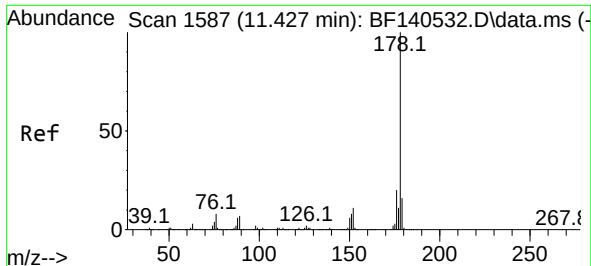
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 63.0 49.8 74.8

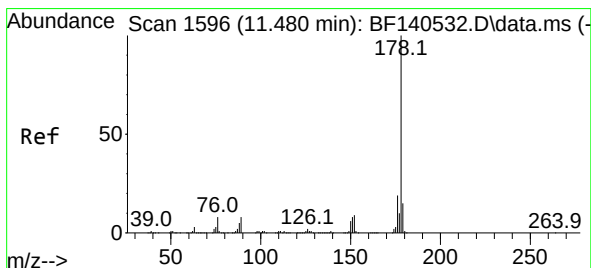
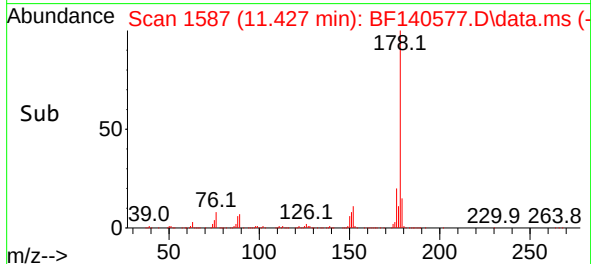
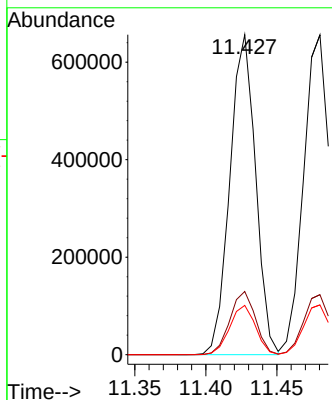
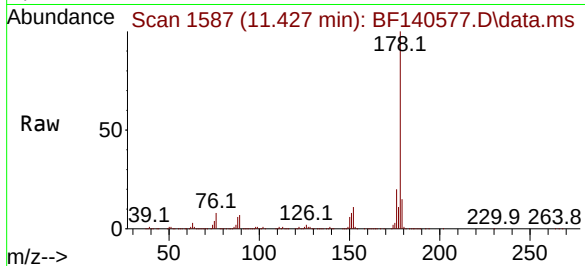




#71
Phenanthrene
Concen: 50.402 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

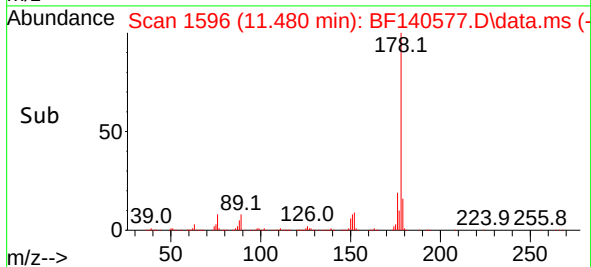
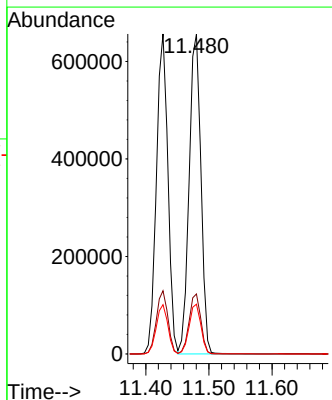
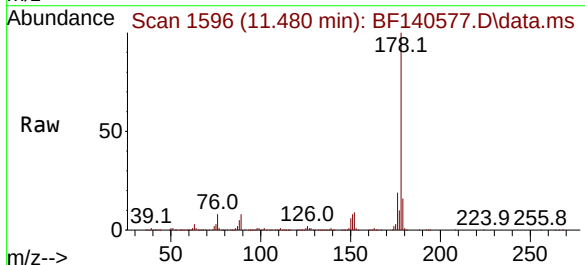
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

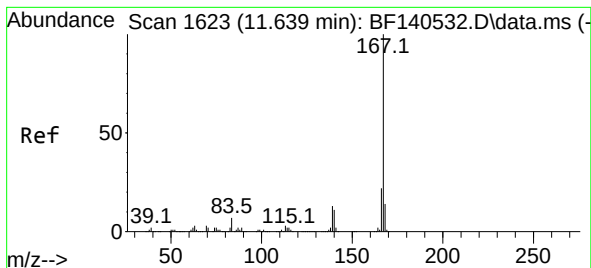
Tgt Ion:178 Resp: 827609
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.4 12.4 18.6



#72
Anthracene
Concen: 52.595 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:178 Resp: 844772
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 50.633 ng

RT: 11.633 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

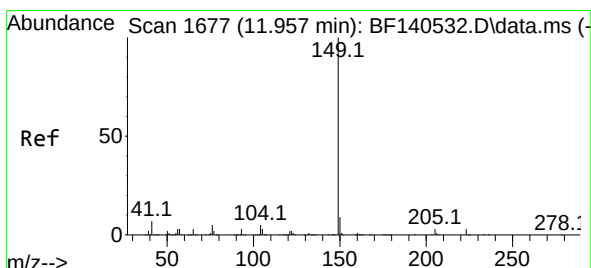
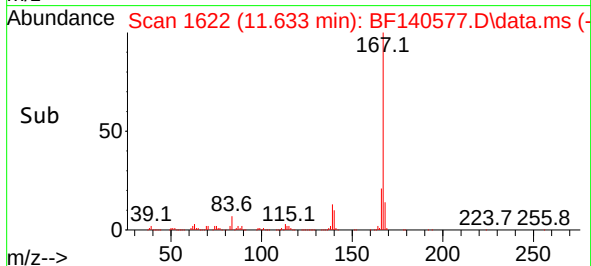
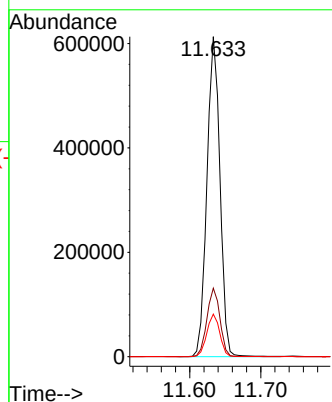
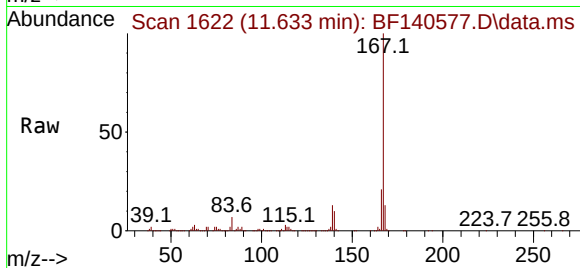
Tgt Ion:167 Resp: 782371

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 51.855 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

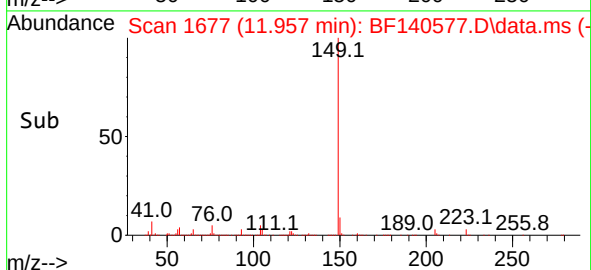
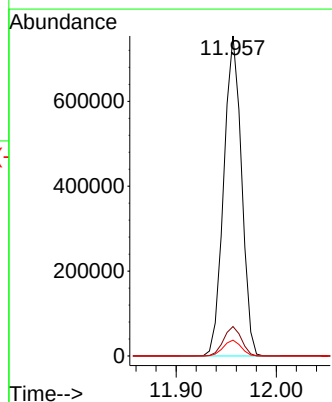
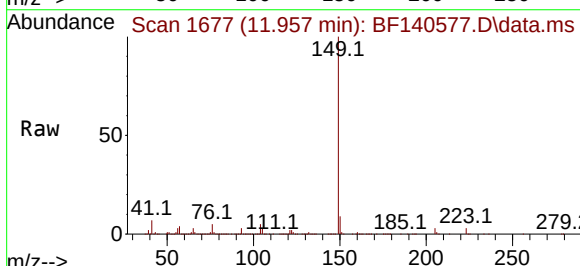
Tgt Ion:149 Resp: 925038

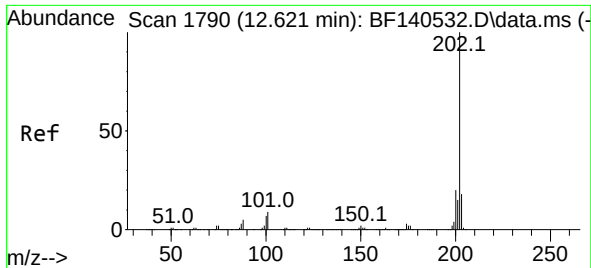
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1

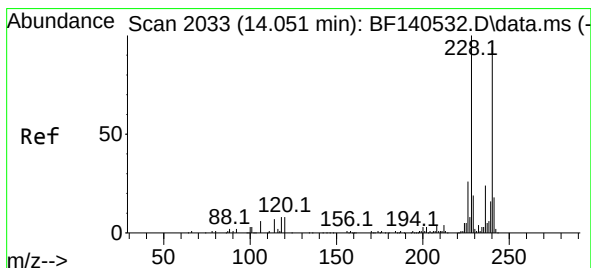
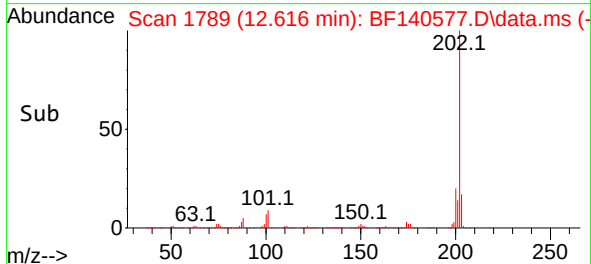
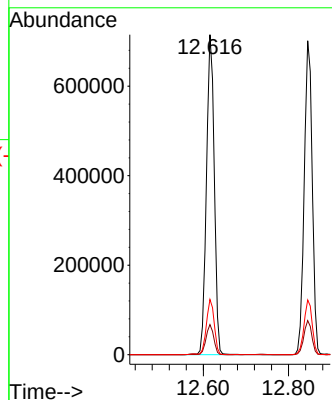
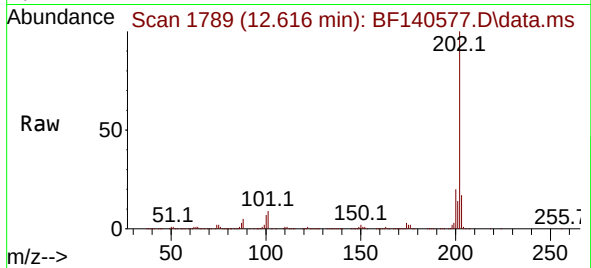




#75
Fluoranthene
Concen: 51.141 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

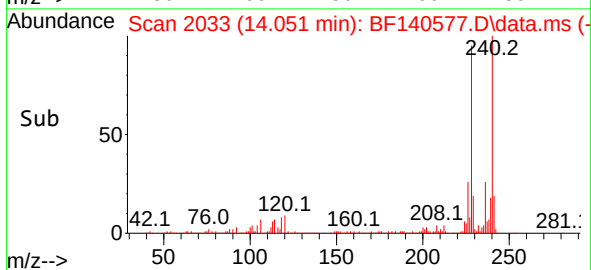
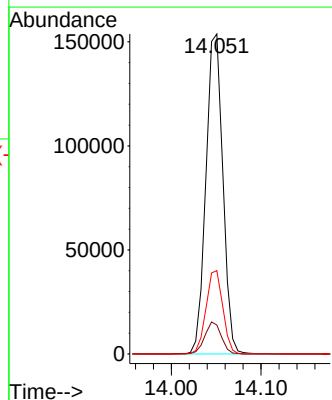
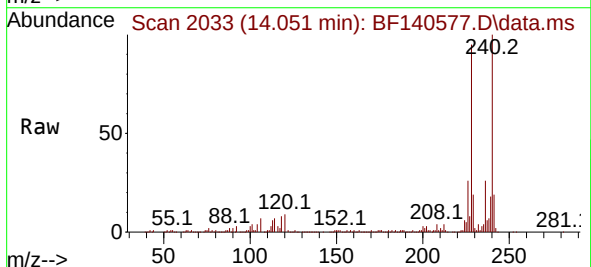
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

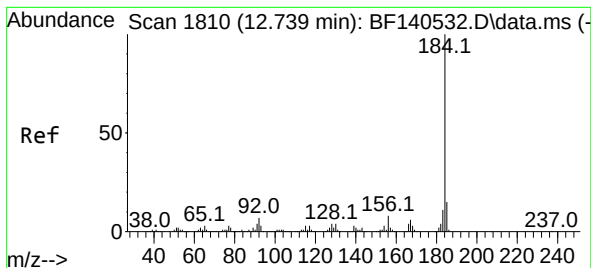
Tgt Ion:202 Resp: 911742
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:240 Resp: 201797
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 26.0 20.6 31.0





#77

Benzidine

Concen: 38.908 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

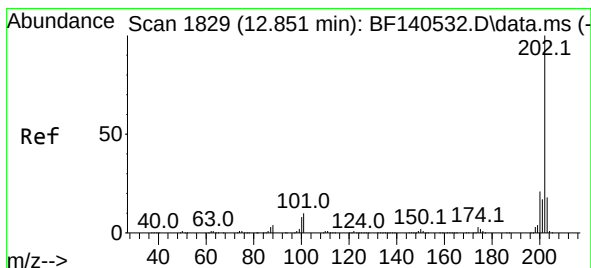
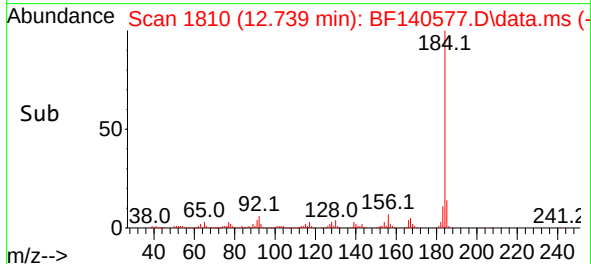
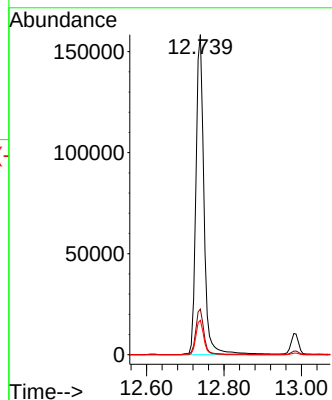
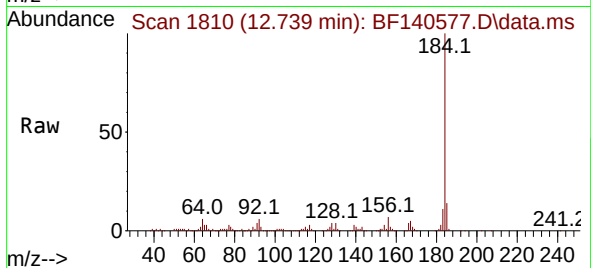
Tgt Ion:184 Resp: 228277

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.7 8.8 13.2



#78

Pyrene

Concen: 49.139 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

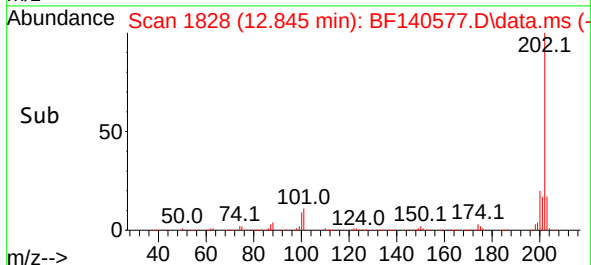
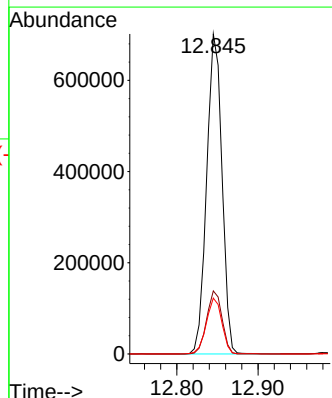
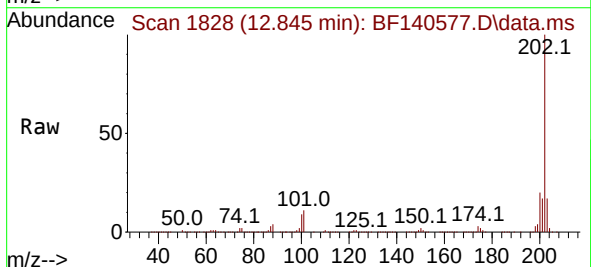
Tgt Ion:202 Resp: 916862

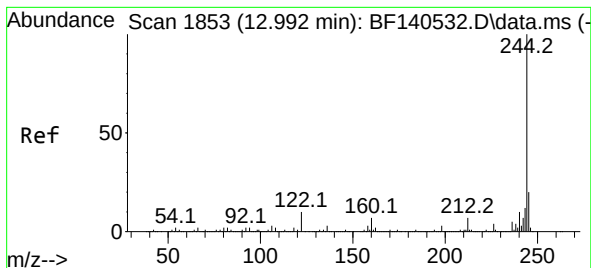
Ion Ratio Lower Upper

202 100

200 19.7 16.5 24.7

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 75.434 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

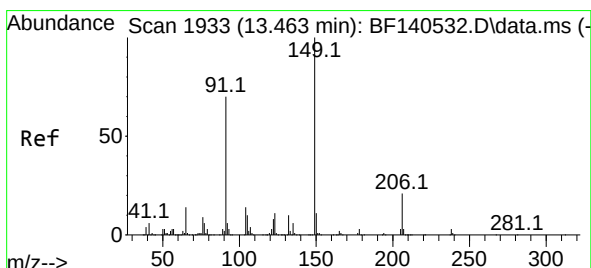
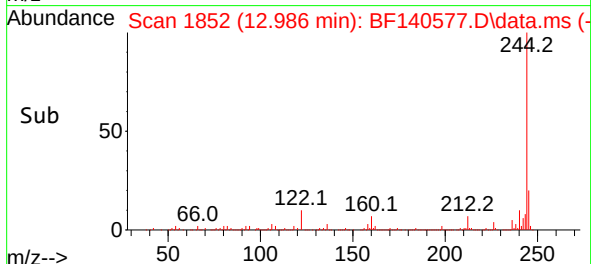
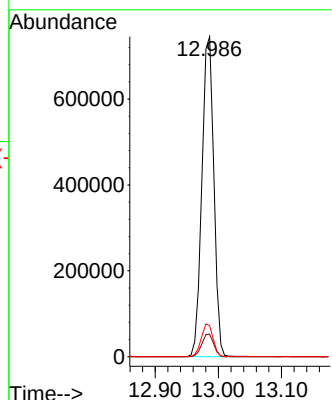
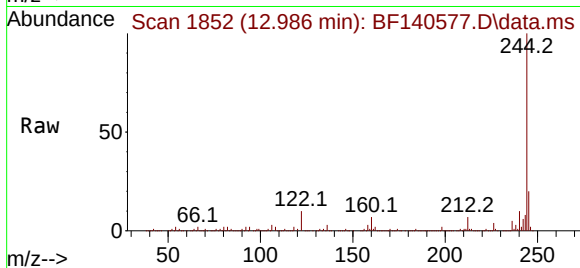
Tgt Ion:244 Resp: 977591

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.0 12.0



#80

Butylbenzylphthalate

Concen: 51.375 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

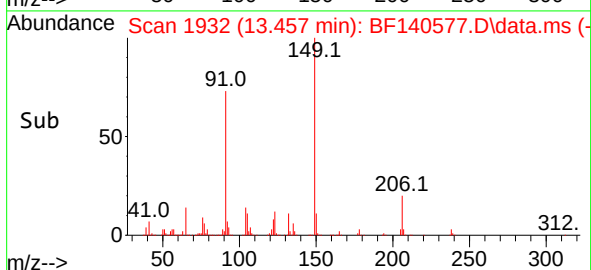
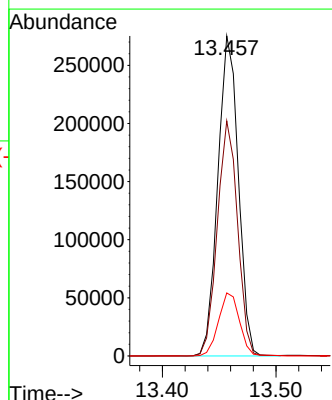
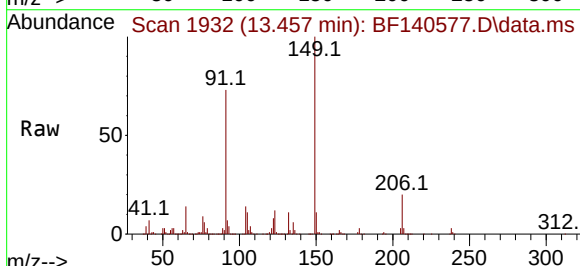
Tgt Ion:149 Resp: 345319

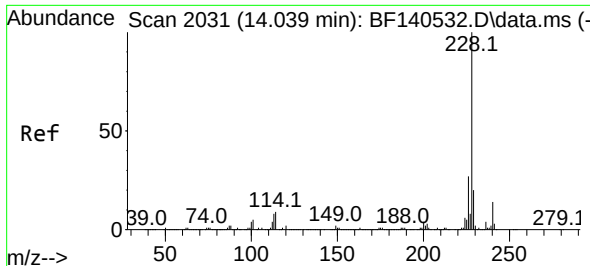
Ion Ratio Lower Upper

149 100

91 73.4 56.2 84.2

206 19.7 16.4 24.6

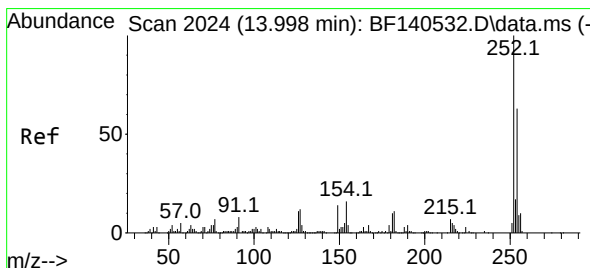
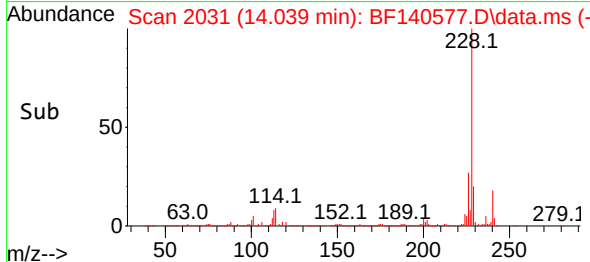
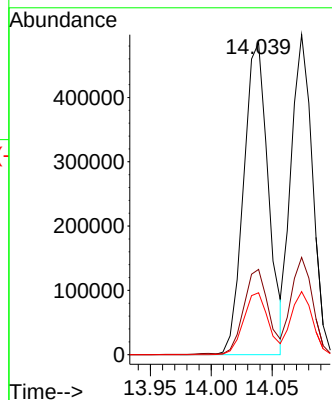
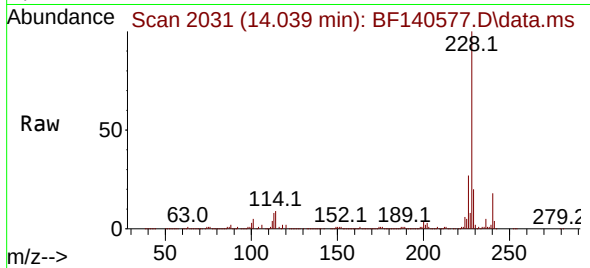




#81
Benzo(a)anthracene
Concen: 51.413 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

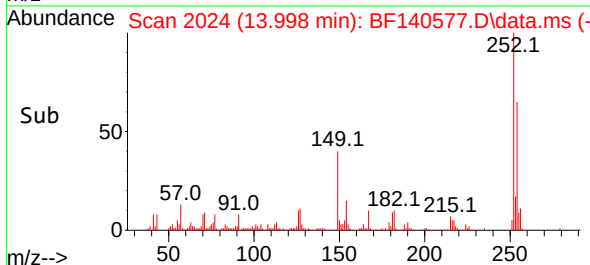
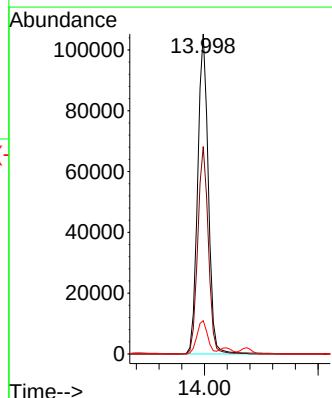
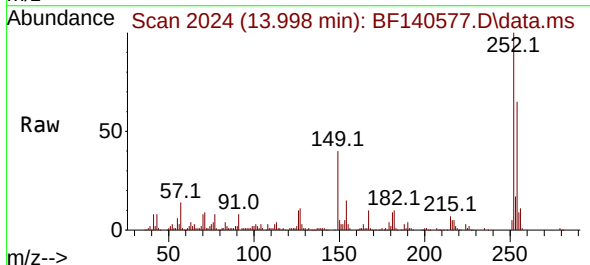
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

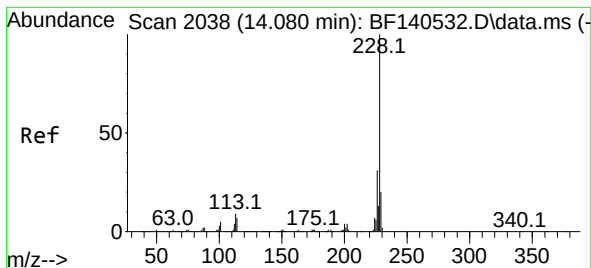
Tgt Ion:228 Resp: 686780
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.207 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:252 Resp: 137193
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 49.753 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

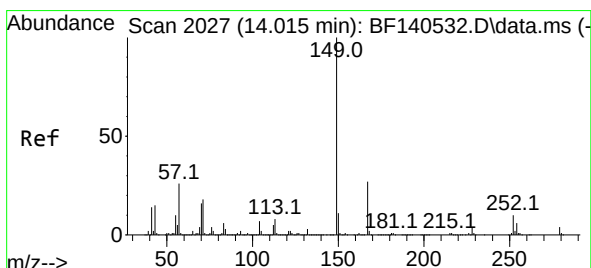
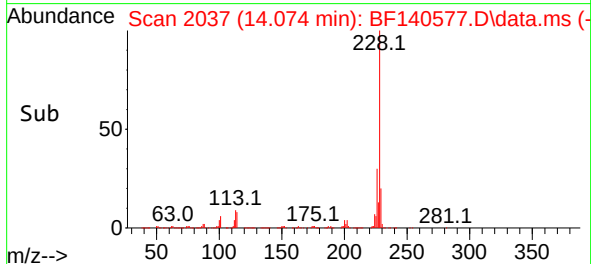
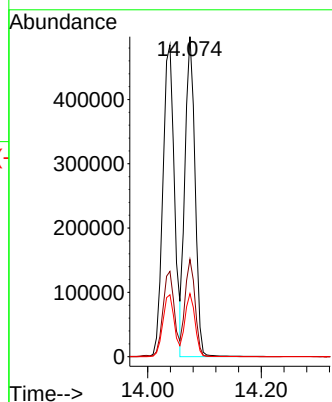
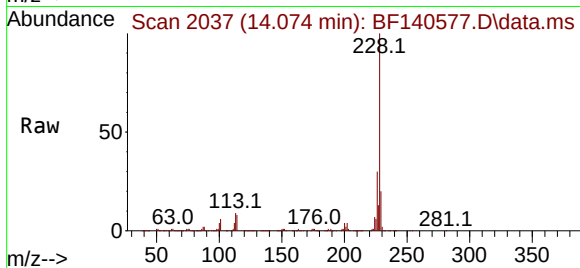
Tgt Ion:228 Resp: 607710

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.069 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

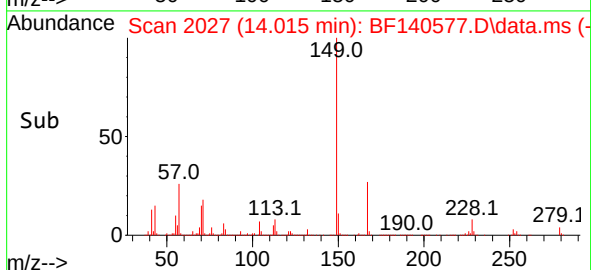
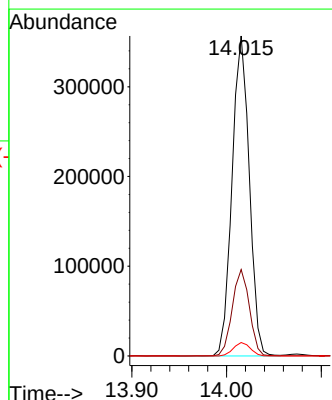
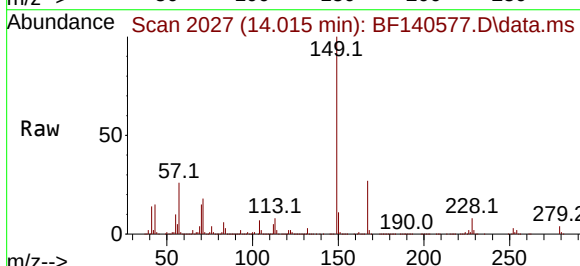
Tgt Ion:149 Resp: 450416

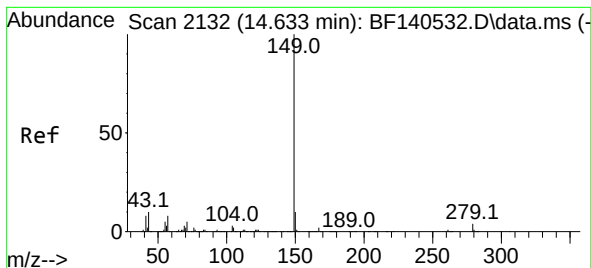
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.777 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

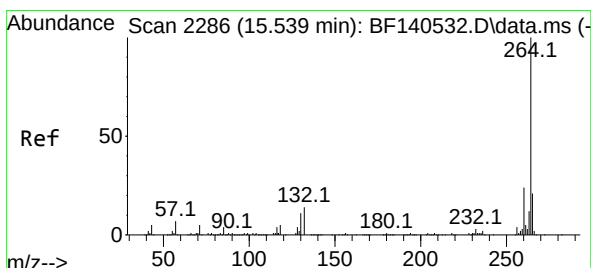
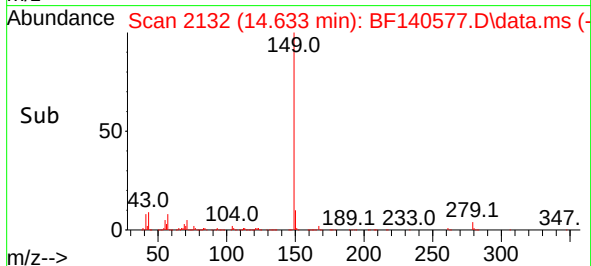
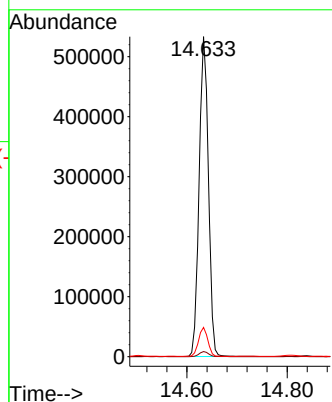
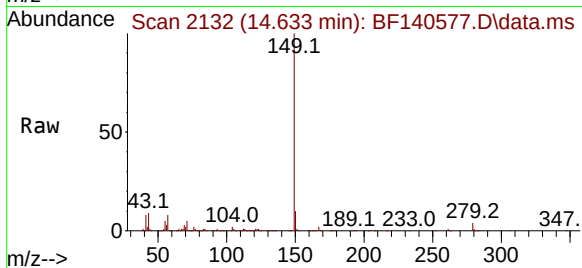
Tgt Ion:149 Resp: 681766

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

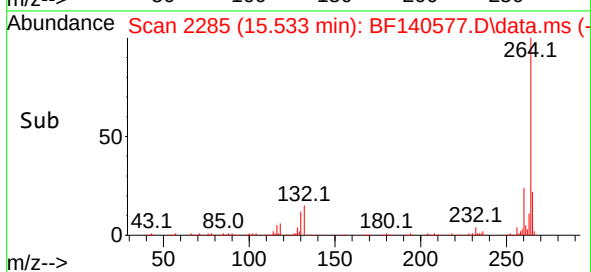
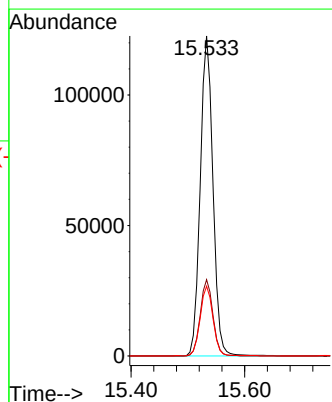
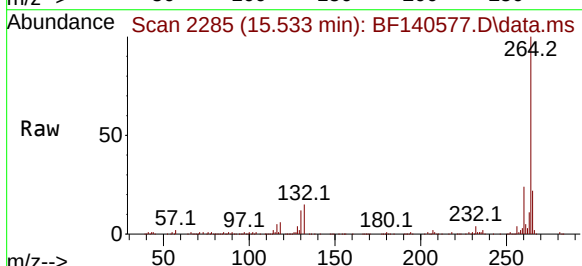
Tgt Ion:264 Resp: 190352

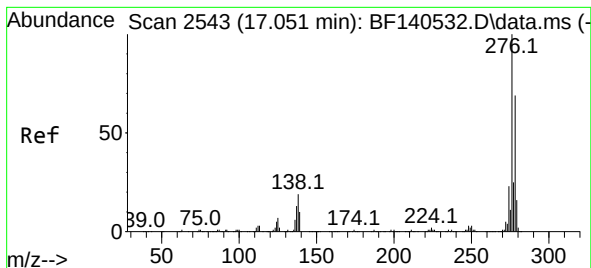
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.412 ng

RT: 17.045 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

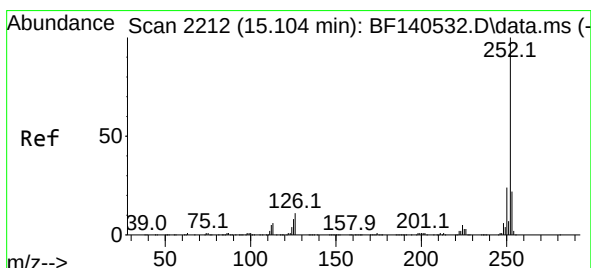
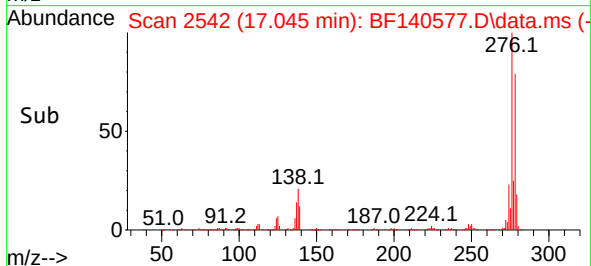
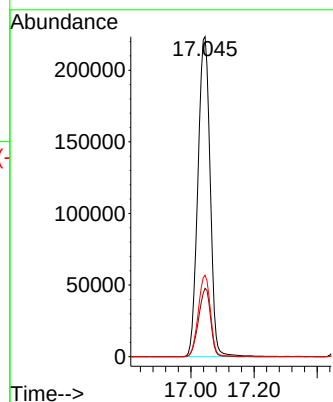
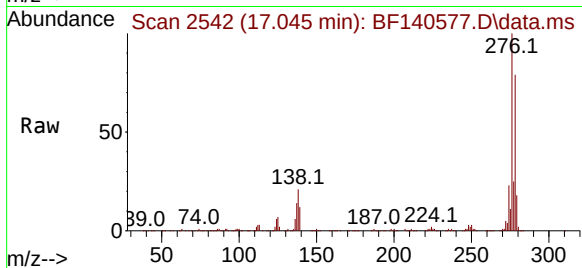
Tgt Ion:276 Resp: 600555

Ion Ratio Lower Upper

276 100

138 21.0 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.140 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140577.D

Acq: 22 Nov 2024 15:06

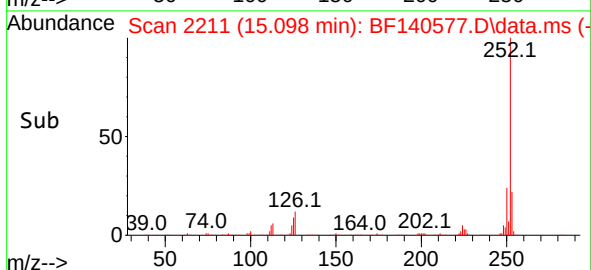
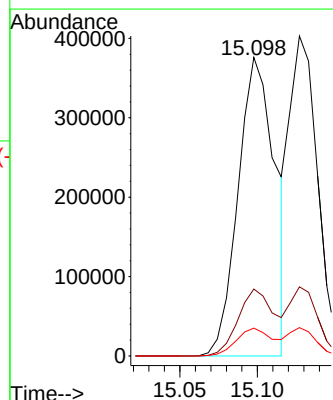
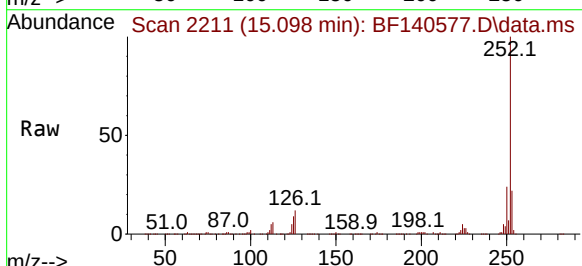
Tgt Ion:252 Resp: 623402

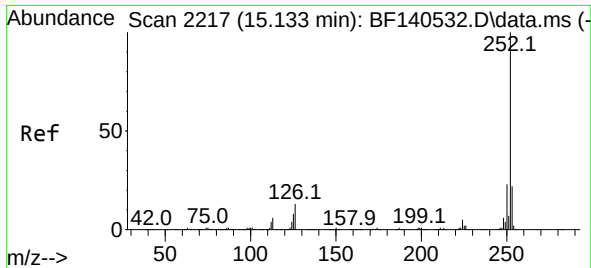
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

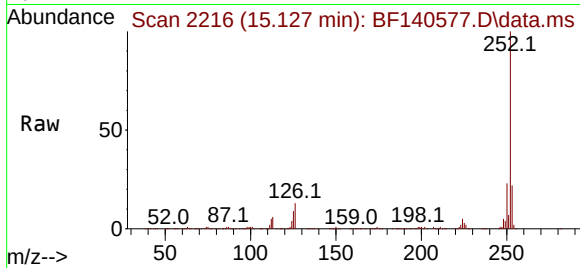
125 9.3 6.7 10.1



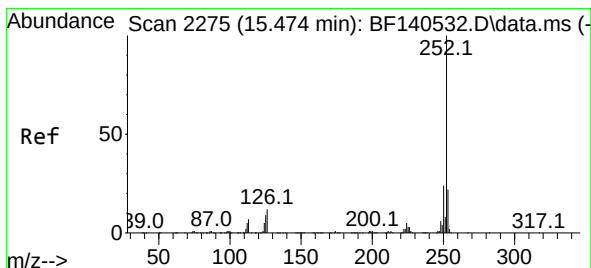
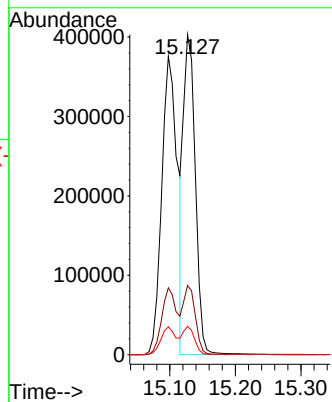
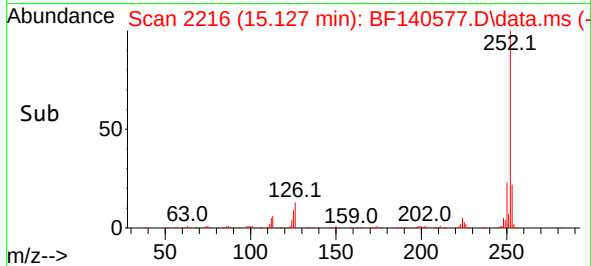


#89
Benzo(k)fluoranthene
Concen: 48.785 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

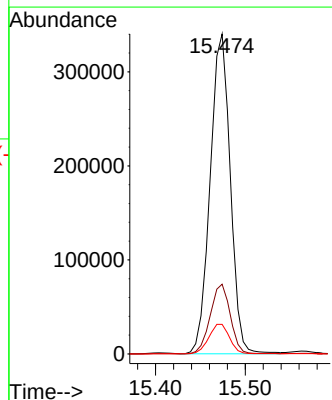
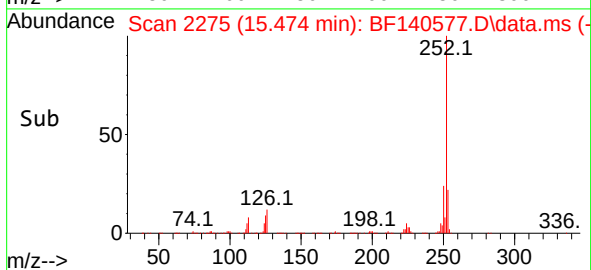
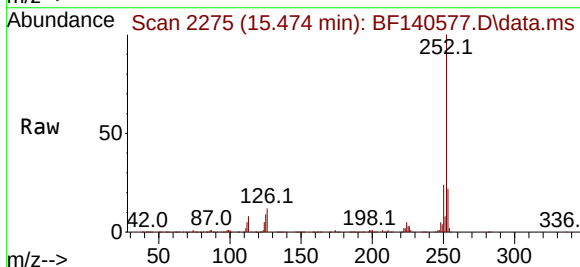


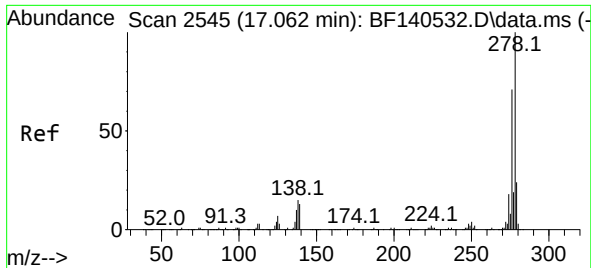
Tgt Ion:252 Resp: 510422
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.9 6.5 9.7



#90
Benzo(a)pyrene
Concen: 54.550 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:252 Resp: 530302
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.3 7.0 10.6

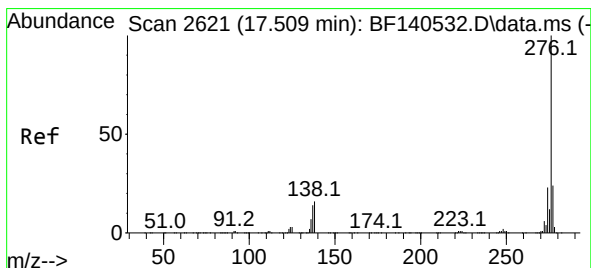
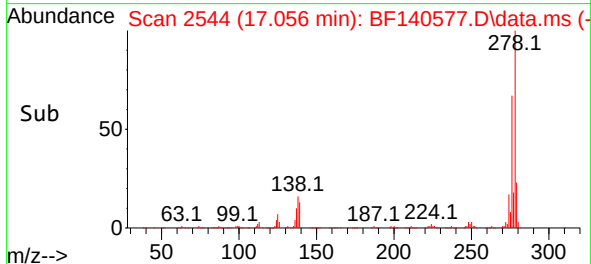
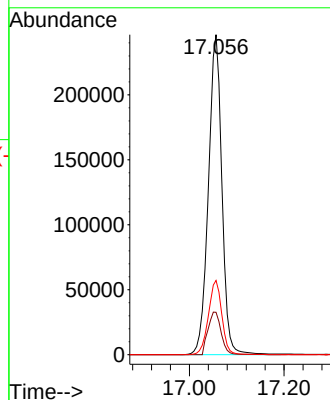
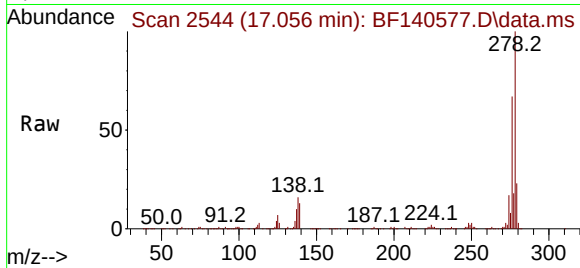




#91
Dibenzo(a,h)anthracene
Concen: 48.052 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:278 Resp: 488168
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.4
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.427 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.012 min
Lab File: BF140577.D
Acq: 22 Nov 2024 15:06

Tgt Ion:276 Resp: 439837
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.3 13.2 19.8

