

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130297.D
 Acq On : 16 Sep 2022 18:52
 Operator : CG\JU
 Sample : N4663-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

Quant Time: Sep 17 03:27:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	95632	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	373523	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	183382	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	274752	20.000	ng	0.00
76) Chrysene-d12	13.810	240	163617	20.000	ng	0.00
86) Perylene-d12	15.198	264	190904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	255911	46.414	ng	0.00
7) Phenol-d6	6.298	99	209618	30.385	ng	0.00
23) Nitrobenzene-d5	7.240	82	591821	80.946	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	155990	88.774	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1044496	82.941	ng	0.00
79) Terphenyl-d14	12.763	244	724993	73.400	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.340	88	41562	16.413	ng	96
3) Pyridine	3.022	79	154754	23.428	ng	98
4) n-Nitrosodimethylamine	2.969	42	58872	16.387	ng	99
6) Aniline	6.334	93	331694	39.022	ng	96
8) 2-Chlorophenol	6.451	128	183635	29.238	ng	92
9) Benzaldehyde	6.216	77	185184	40.073	ng	97
10) Phenol	6.310	94	103918	12.854	ng	92
11) bis(2-Chloroethyl)ether	6.410	93	257885	44.223	ng	94
12) 1,3-Dichlorobenzene	6.610	146	278441	40.290	ng	96
13) 1,4-Dichlorobenzene	6.687	146	284342	40.347	ng	99
14) 1,2-Dichlorobenzene	6.840	146	269608	40.952	ng	98
15) Benzyl Alcohol	6.816	79	114217	20.881	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.951	45	347588	40.868	ng	95
17) 2-Methylphenol	6.928	107	126542	24.785	ng	97
18) Hexachloroethane	7.181	117	111285	40.060	ng	96
19) n-Nitroso-di-n-propyla...	7.087	70	203529	43.721	ng	98
20) 3+4-Methylphenols	7.081	107	145157	21.886	ng	# 54
22) Acetophenone	7.081	105	415970	45.550	ng	93
24) Nitrobenzene	7.257	77	310235	41.789	ng	94
25) Isophorone	7.492	82	545425	46.285	ng	100
26) 2-Nitrophenol	7.569	139	109012	35.821	ng	93
27) 2,4-Dimethylphenol	7.610	122	194377	41.482	ng	97
28) bis(2-Chloroethoxy)met...	7.710	93	324995	48.979	ng	99
29) 2,4-Dichlorophenol	7.810	162	169455	33.000	ng	96
30) 1,2,4-Trichlorobenzene	7.892	180	228284	41.120	ng	97
31) Naphthalene	7.975	128	810599	42.123	ng	99
33) 4-Chloroaniline	8.028	127	303184	41.425	ng	97
34) Hexachlorobutadiene	8.092	225	140679	39.650	ng	99
35) Caprolactam	8.375	113	9763	6.632	ng	93
36) 4-Chloro-3-methylphenol	8.504	107	187674	32.974	ng	98
37) 2-Methylnaphthalene	8.663	142	527948	43.030	ng	99
38) 1-Methylnaphthalene	8.763	142	503093	42.684	ng	98
40) 1,2,4,5-Tetrachloroben...	8.828	216	228192	45.596	ng	98
41) Hexachlorocyclopentadiene	8.816	237	244328	91.187	ng	100
43) 2,4,6-Trichlorophenol	8.939	196	84740	24.262	ng	96
44) 2,4,5-Trichlorophenol	8.975	196	116008	30.779	ng	97

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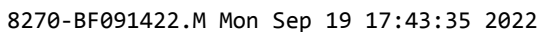
Instrument :
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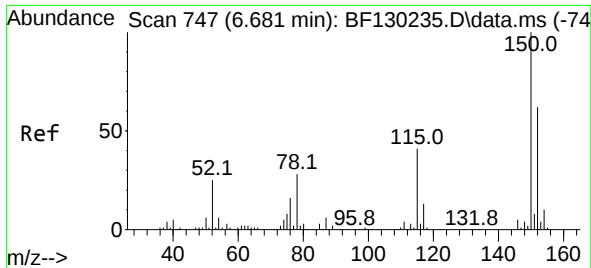
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.128	154	642525	46.914	ng	99
47) 2-Chloronaphthalene	9.151	162	493655	44.558	ng	98
48) 2-Nitroaniline	9.251	65	155198	42.000	ng	90
49) Acenaphthylene	9.563	152	749610	45.126	ng	100
50) Dimethylphthalate	9.434	163	573878	45.304	ng	100
51) 2,6-Dinitrotoluene	9.492	165	123876	46.760	ng	98
52) Acenaphthene	9.739	154	578941	53.045	ng	98
53) 3-Nitroaniline	9.663	138	116475	39.457	ng	91
55) Dibenzofuran	9.904	168	664795	43.792	ng	100
56) 4-Nitrophenol	9.822	139	11524	5.360	ng	87
57) 2,4-Dinitrotoluene	9.892	165	156357	46.181	ng #	88
58) Fluorene	10.245	166	573674	46.207	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	41431	14.044	ng #	75
60) Diethylphthalate	10.128	149	545214	42.921	ng	100
61) 4-Chlorophenyl-phenyle...	10.245	204	241498	44.342	ng	97
62) 4-Nitroaniline	10.269	138	112231	37.846	ng	95
63) Azobenzene	10.404	77	526478	40.250	ng	96
66) n-Nitrosodiphenylamine	10.363	169	446016	48.578	ng	99
67) 4-Bromophenyl-phenylether	10.733	248	151807	50.086	ng	92
68) Hexachlorobenzene	10.792	284	170944	49.754	ng	95
69) Atrazine	10.892	200	133630	49.804	ng	97
70) Pentachlorophenol	10.986	266	36744	19.927	ng	97
71) Phenanthrene	11.204	178	678735	44.000	ng	99
72) Anthracene	11.257	178	682314	45.835	ng	99
73) Carbazole	11.416	167	587522	43.732	ng	99
74) Di-n-butylphthalate	11.751	149	714056	44.076	ng	100
75) Fluoranthene	12.386	202	591281	39.668	ng	98
77) Benzidine	12.522	184	425847	89.659	ng	99
78) Pyrene	12.616	202	579294	40.472	ng	99
80) Butylbenzylphthalate	13.245	149	232585	43.863	ng	95
81) Benzo(a)anthracene	13.798	228	493728	45.360	ng	99
82) 3,3'-Dichlorobenzidine	13.769	252	151984	51.296	ng	98
83) Chrysene	13.833	228	464355	44.931	ng	99
84) Bis(2-ethylhexyl)phtha...	13.804	149	299301	49.278	ng #	97
85) Di-n-octyl phthalate	14.410	149	529754	57.026	ng	97
87) Indeno(1,2,3-cd)pyrene	16.521	276	658541	48.645	ng	98
88) Benzo(b)fluoranthene	14.810	252	569682	45.720	ng	99
89) Benzo(k)fluoranthene	14.839	252	542630	44.271	ng	98
90) Benzo(a)pyrene	15.145	252	496428	50.289	ng #	97
91) Dibenzo(a,h)anthracene	16.545	278	572103	51.514	ng	98
92) Benzo(g,h,i)perylene	16.927	276	559460	50.008	ng	99

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

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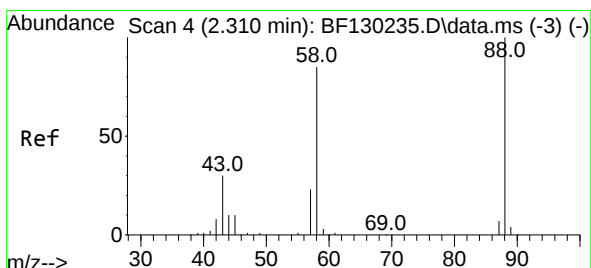
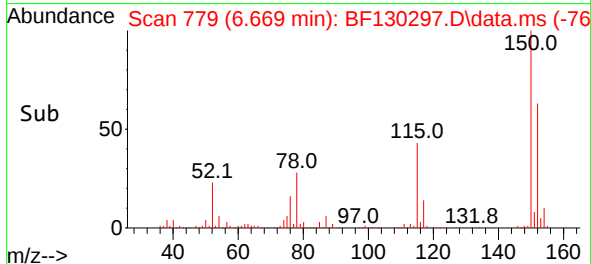
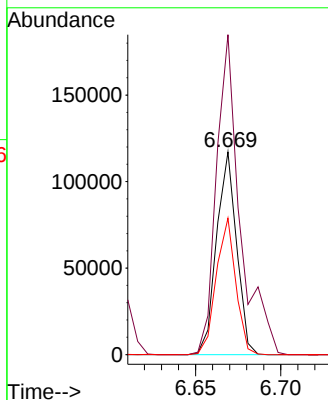
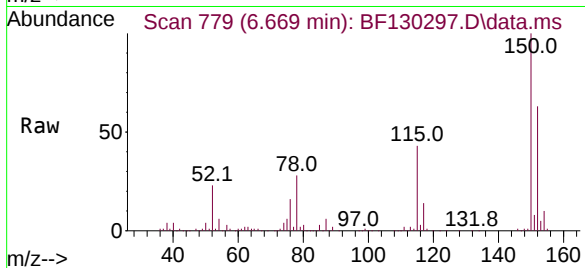




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

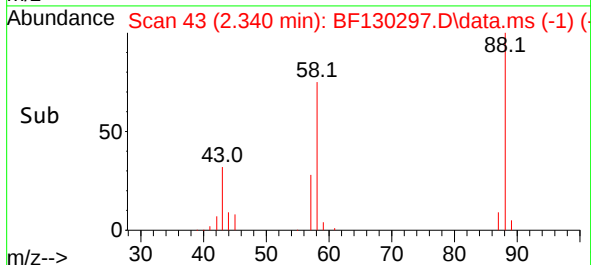
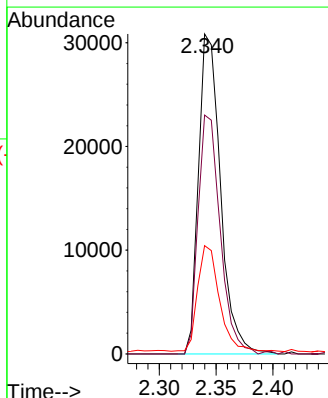
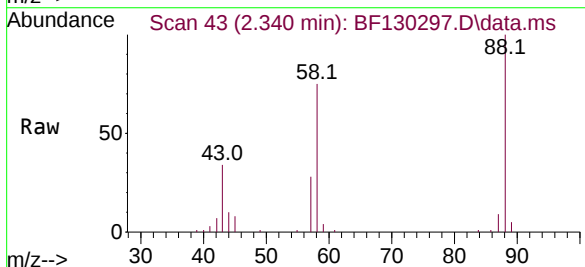
Instrument :
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 HW-43MSD

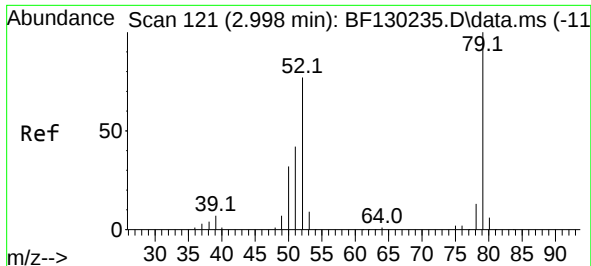
Tgt Ion:152 Resp: 95632
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.8 184.2
 115 67.3 53.8 80.8



#2
 1,4-Dioxane
 Concen: 16.413 ng
 RT: 2.340 min Scan# 43
 Delta R.T. 0.035 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

Tgt Ion: 88 Resp: 41562
 Ion Ratio Lower Upper
 88 100
 58 74.8 61.3 91.9
 43 33.5 23.0 34.6





#3

Pyridine

Concen: 23.428 ng

RT: 3.022 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

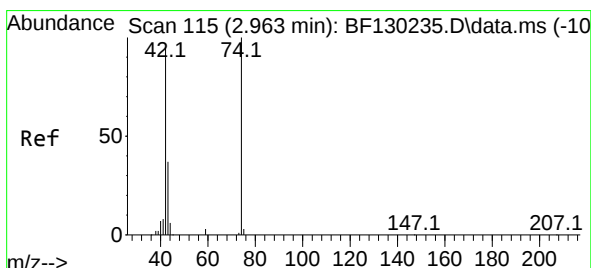
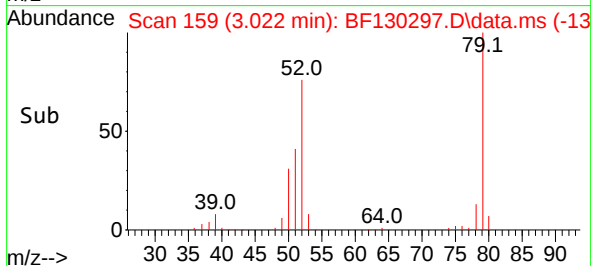
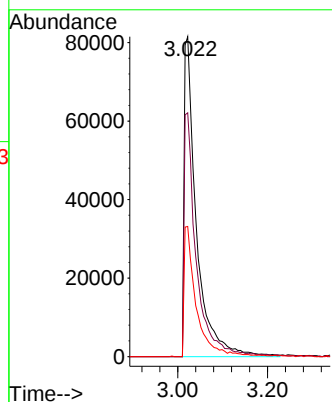
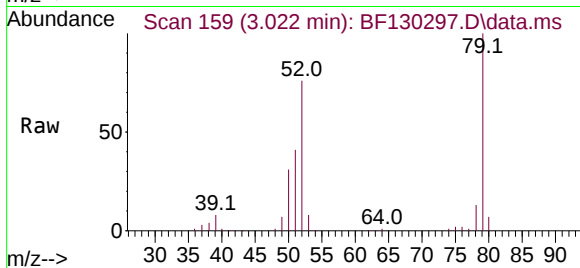
Tgt Ion: 79 Resp: 154754

Ion Ratio Lower Upper

79 100

52 76.2 62.4 93.6

51 40.7 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 16.387 ng

RT: 2.969 min Scan# 150

Delta R.T. 0.018 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

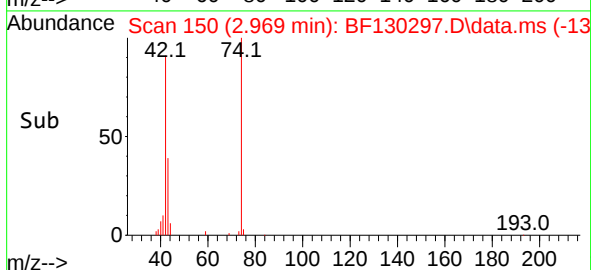
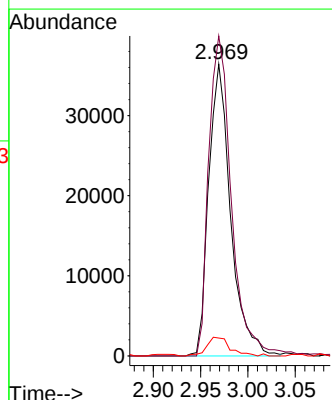
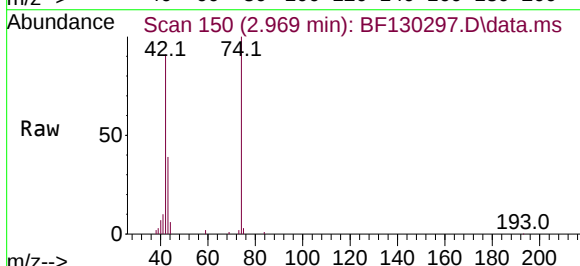
Tgt Ion: 42 Resp: 58872

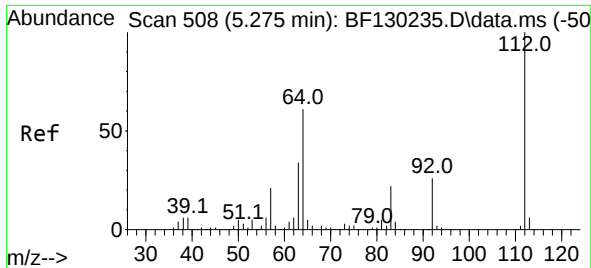
Ion Ratio Lower Upper

42 100

74 109.7 88.4 132.6

44 6.1 5.0 7.4

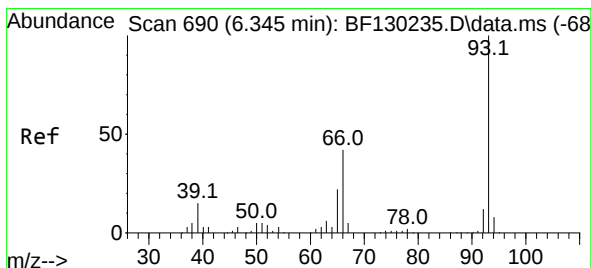
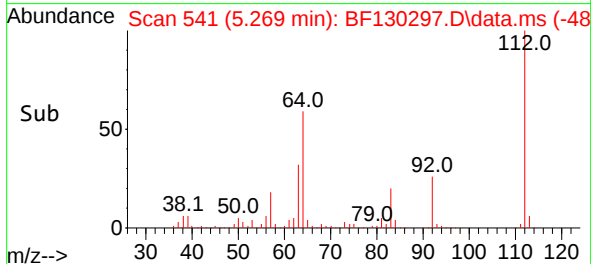
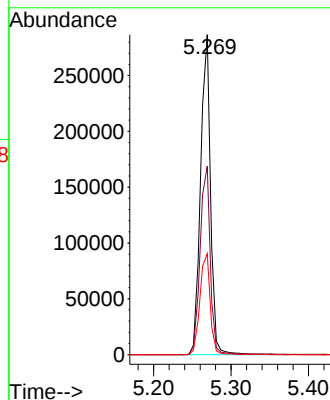
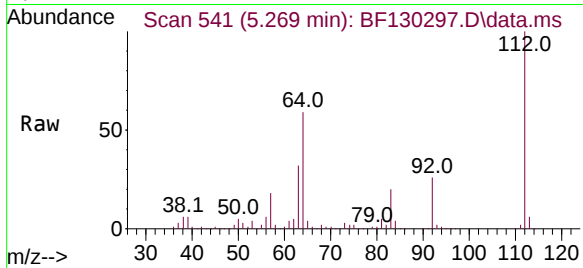




#5
2-Fluorophenol
Concen: 46.414 ng
RT: 5.269 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

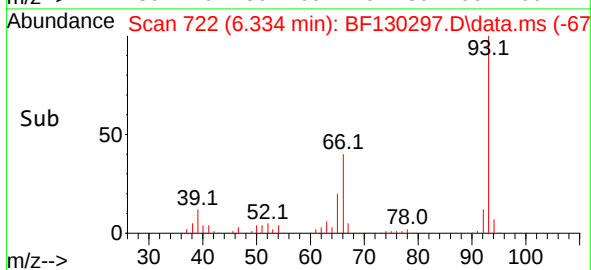
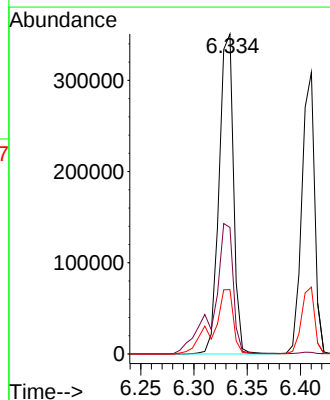
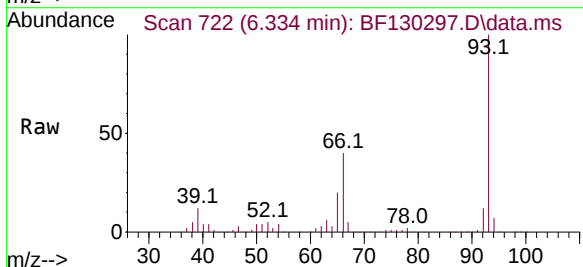
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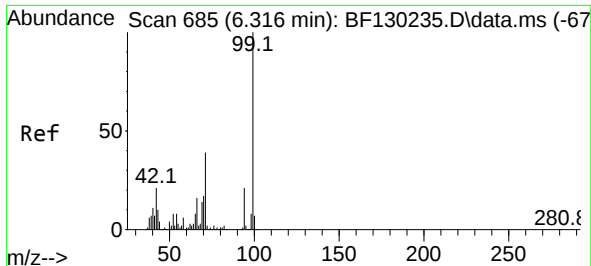
Tgt Ion:112 Resp: 255911
Ion Ratio Lower Upper
112 100
64 58.9 51.4 77.0
63 31.5 28.8 43.2



#6
Aniline
Concen: 39.022 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion: 93 Resp: 331694
Ion Ratio Lower Upper
93 100
66 39.5 34.2 51.4
65 20.1 16.6 24.8

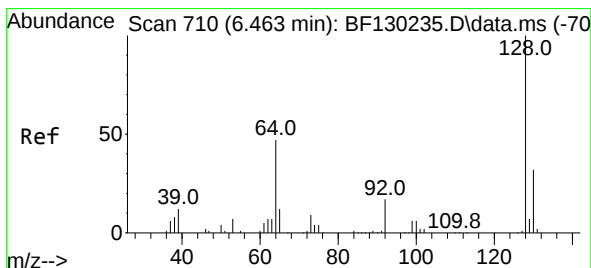
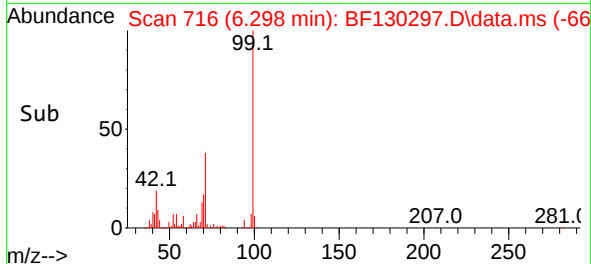
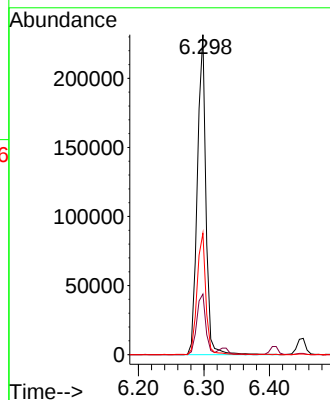
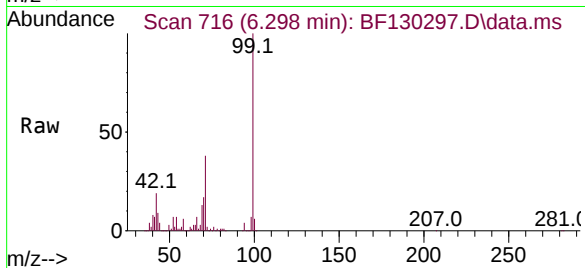




#7
Phenol-d6
Concen: 30.385 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

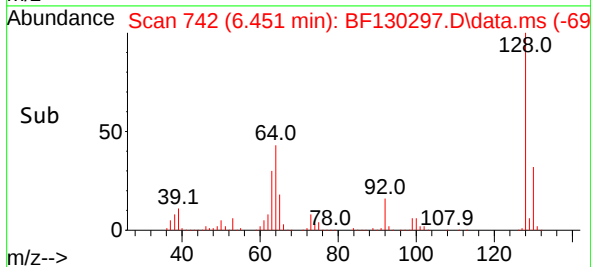
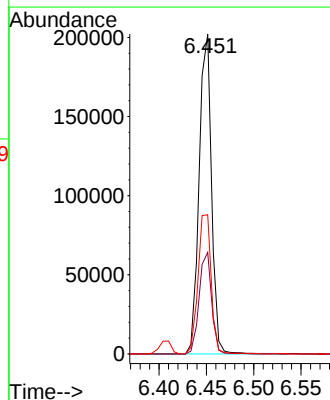
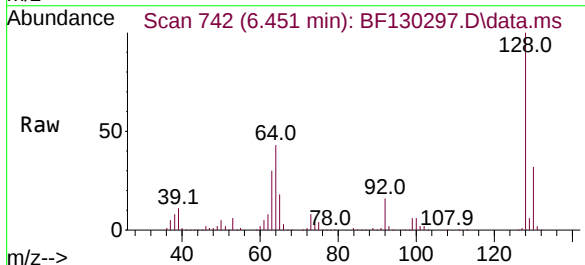
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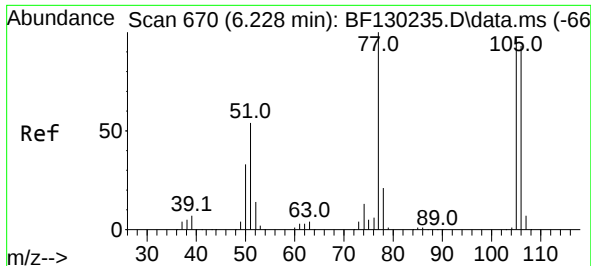
Tgt Ion: 99 Resp: 209618
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 37.9 32.3 48.5



#8
2-Chlorophenol
Concen: 29.238 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion: 128 Resp: 183635
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 43.5 31.6 71.6





#9

Benzaldehyde

Concen: 40.073 ng

RT: 6.216 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

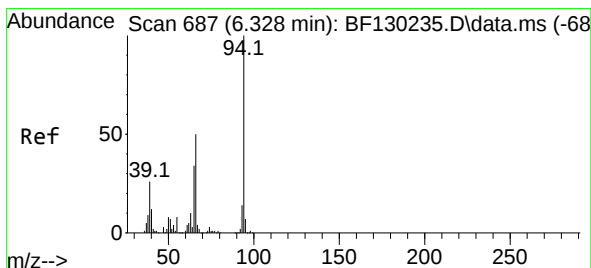
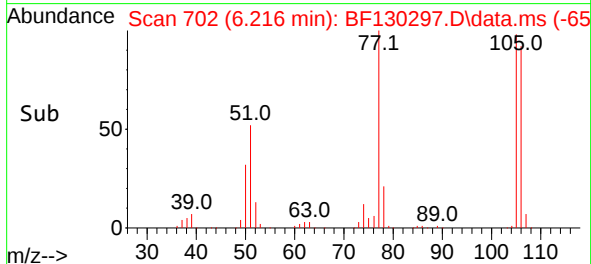
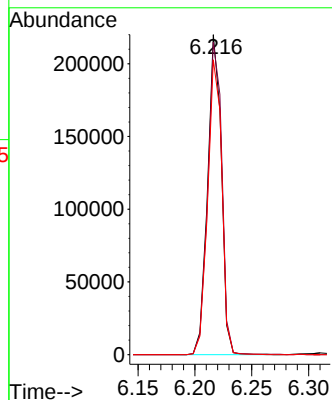
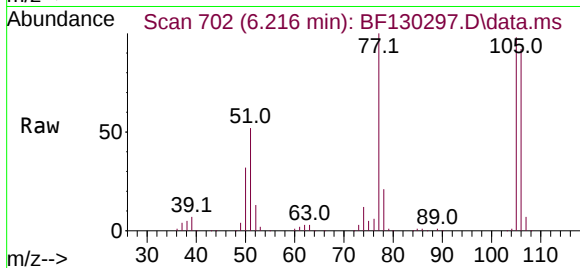
Tgt Ion: 77 Resp: 185184

Ion Ratio Lower Upper

77 100

105 97.7 75.1 115.1

106 92.1 69.7 109.7



#10

Phenol

Concen: 12.854 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

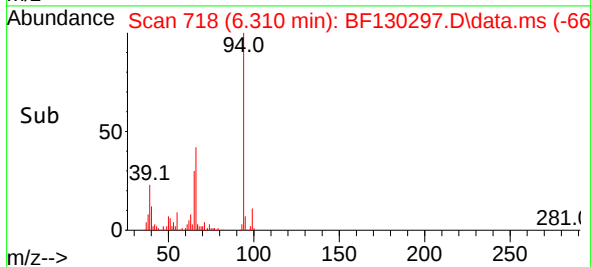
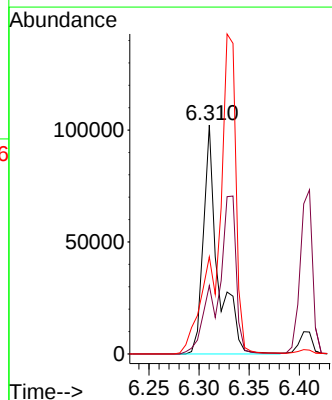
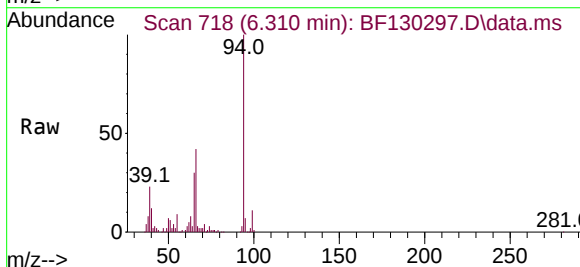
Tgt Ion: 94 Resp: 103918

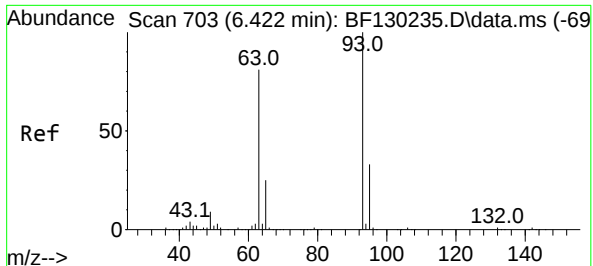
Ion Ratio Lower Upper

94 100

65 29.8 14.1 54.1

66 42.4 28.1 68.1

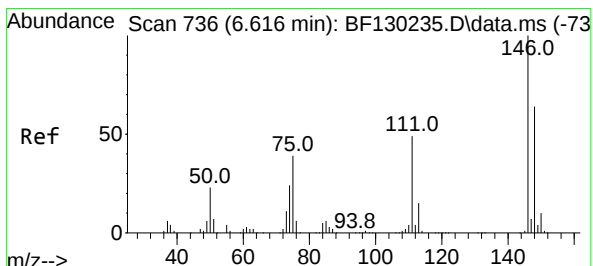
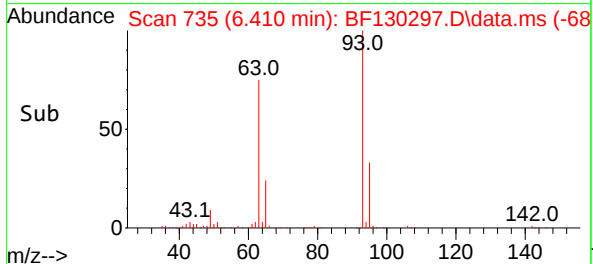
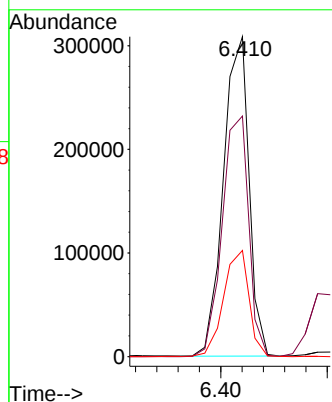
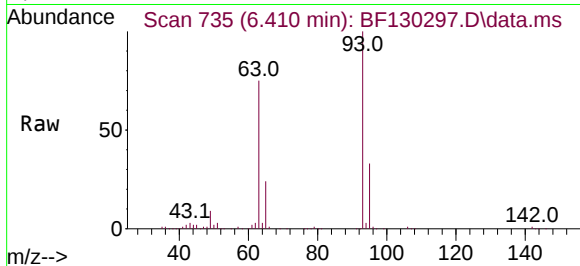




#11
bis(2-Chloroethyl)ether
Concen: 44.223 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

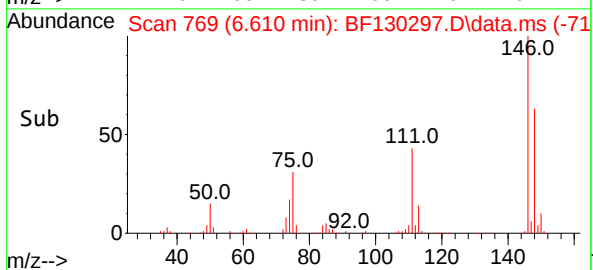
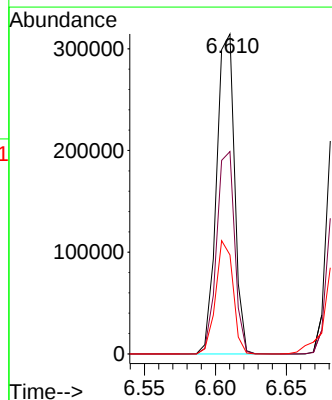
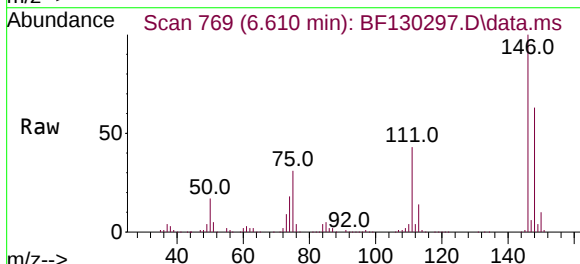
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

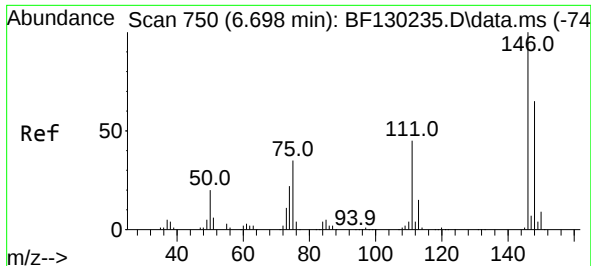
Tgt Ion: 93 Resp: 257885
Ion Ratio Lower Upper
93 100
63 75.2 62.5 102.5
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.290 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:146 Resp: 278441
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 30.9 28.8 43.2

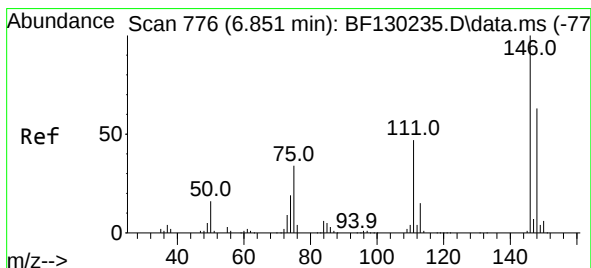
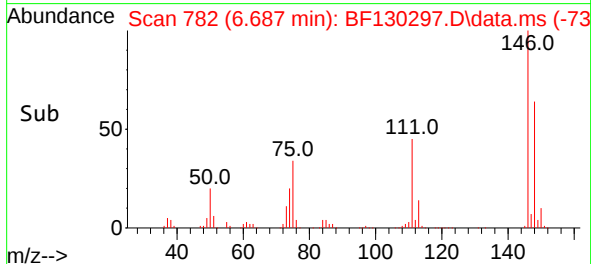
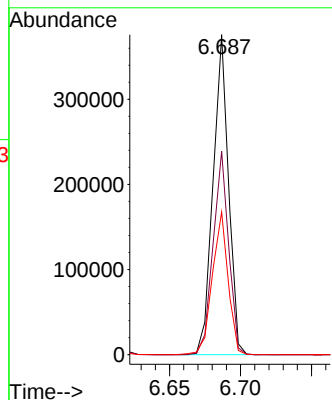
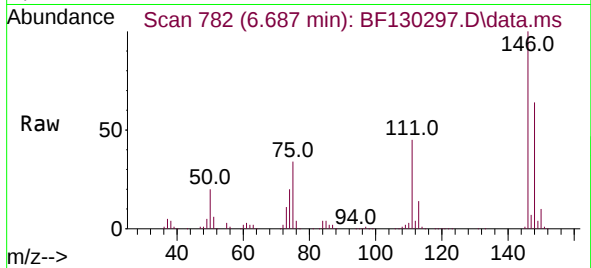




#13
1,4-Dichlorobenzene
Concen: 40.347 ng
RT: 6.687 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

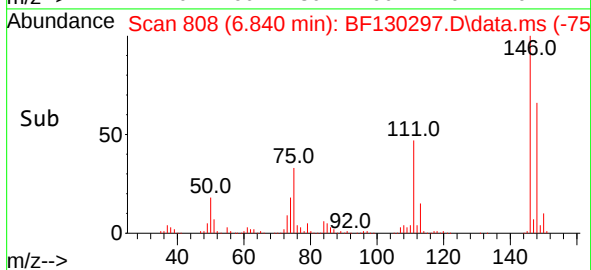
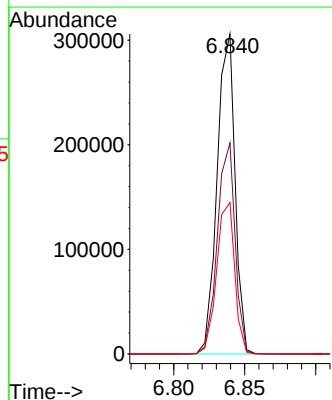
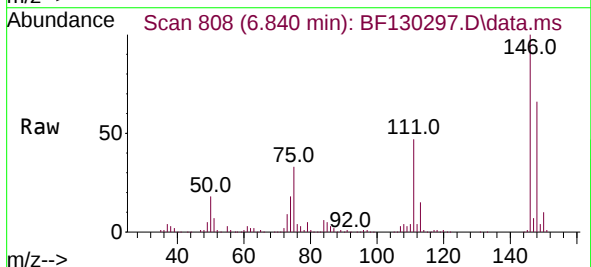
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

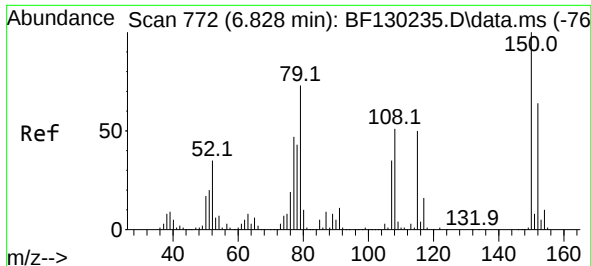
Tgt Ion:146 Resp: 284342
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 44.6 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 40.952 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:146 Resp: 269608
Ion Ratio Lower Upper
146 100
148 65.9 51.6 77.4
111 47.3 39.2 58.8

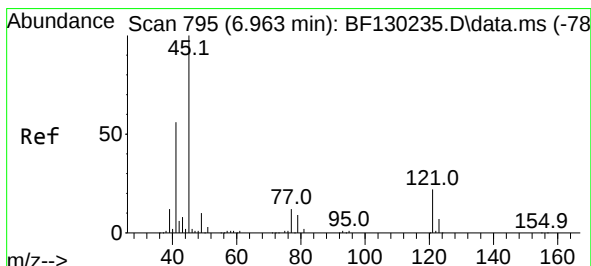
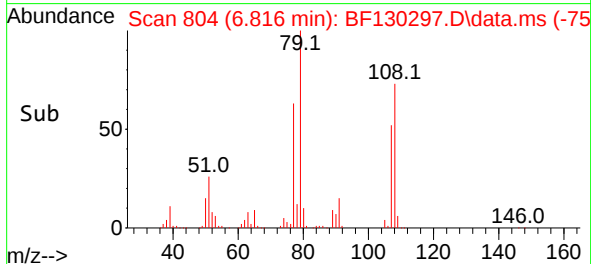
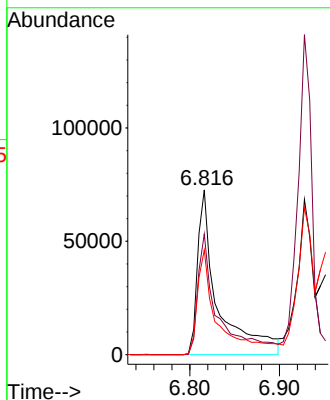
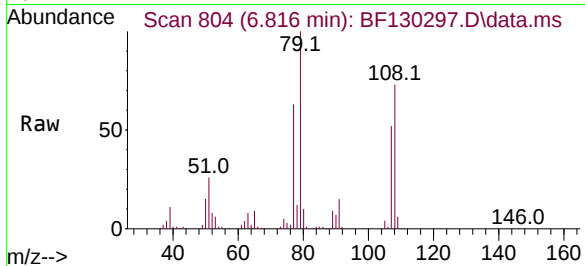




#15
Benzyl Alcohol
Concen: 20.881 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

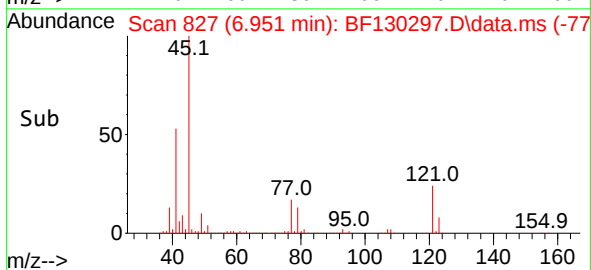
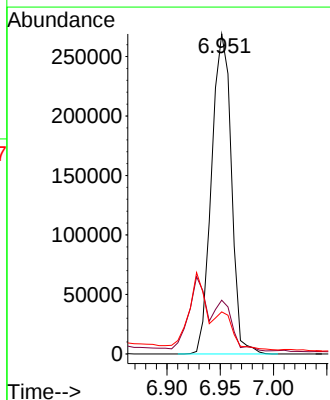
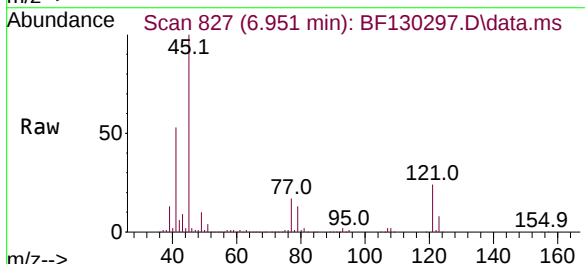
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

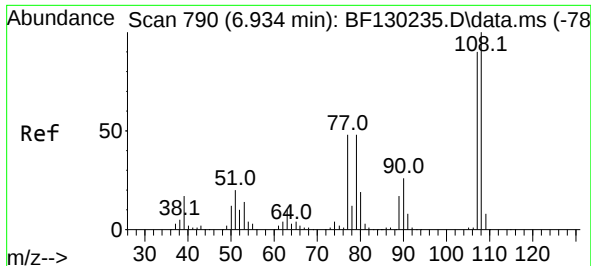
Tgt Ion: 79 Resp: 114217
Ion Ratio Lower Upper
79 100
108 73.2 54.0 81.0
77 63.5 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.868 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion: 45 Resp: 347588
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.9
79 13.1 0.0 31.0



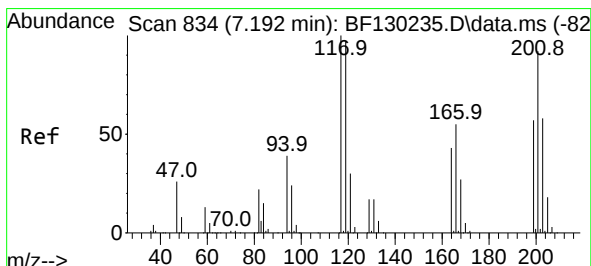
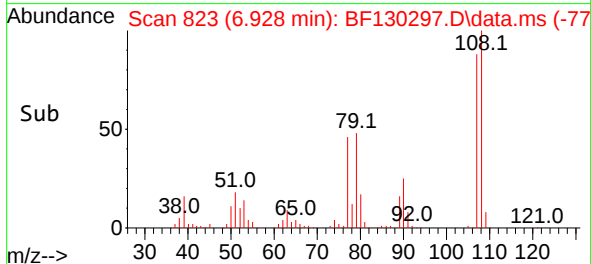
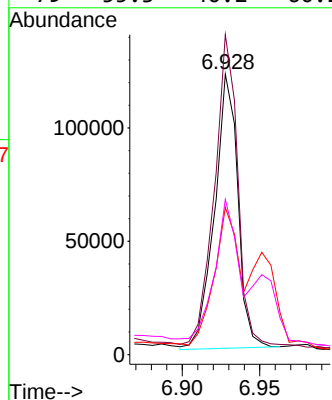
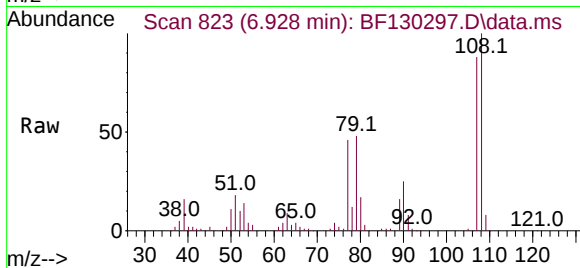


#17
2-Methylphenol
Concen: 24.785 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
HW-43MSD

Tgt Ion:107 Resp: 126542

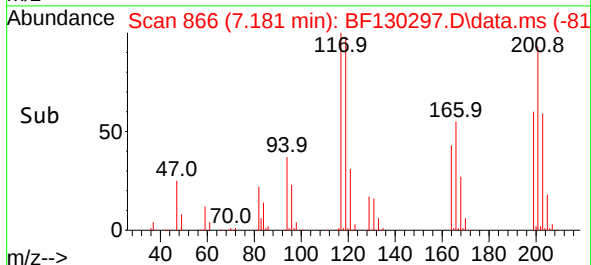
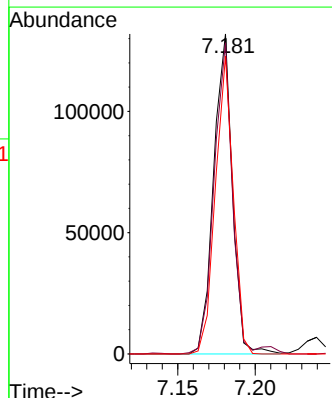
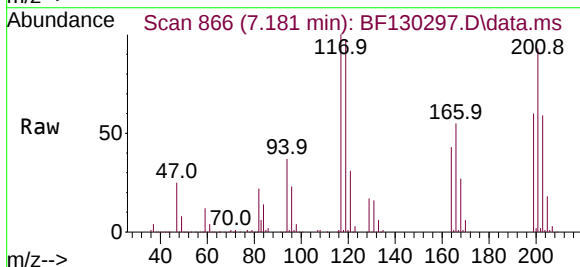
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.4	134.0
77	52.4	40.6	60.8
79	55.3	40.2	60.2

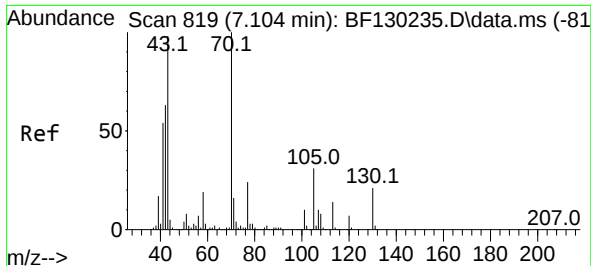


#18
Hexachloroethane
Concen: 40.060 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:117 Resp: 111285

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	93.1	68.7	103.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.721 ng

RT: 7.087 min Scan# 819

Delta R.T. -0.012 min

Lab File: BF130297.D

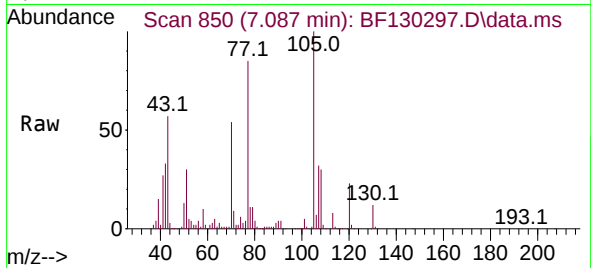
Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD



Tgt Ion: 70 Resp: 203529

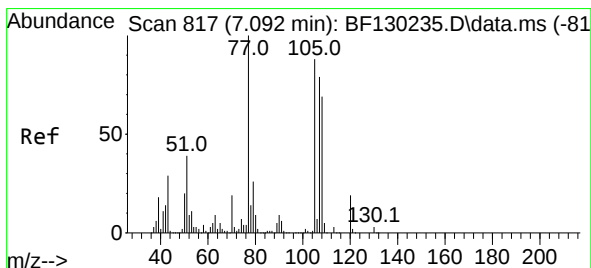
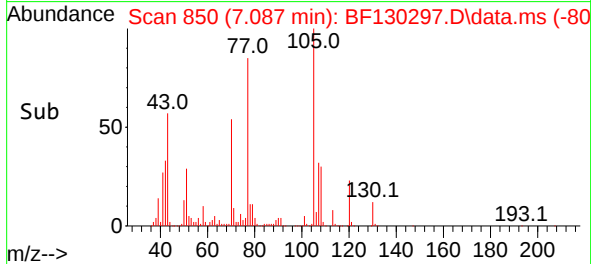
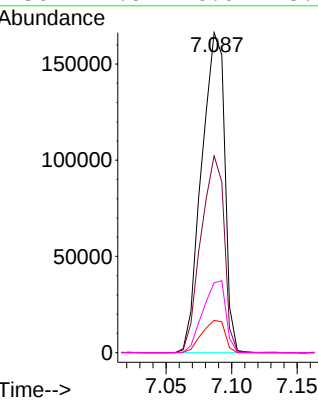
Ion Ratio Lower Upper

70 100

42 61.5 50.8 76.2

101 10.1 8.2 12.4

130 21.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 21.886 ng

RT: 7.081 min Scan# 849

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Tgt Ion: 107 Resp: 145157

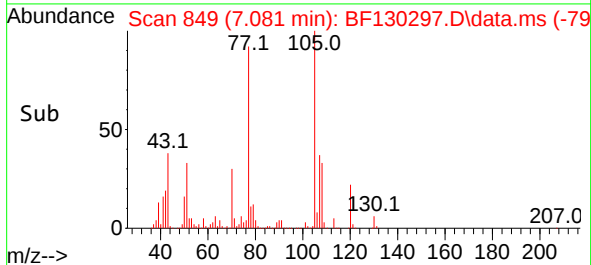
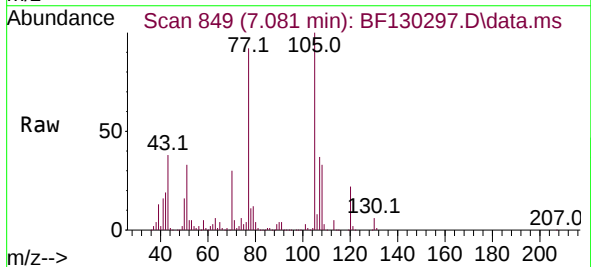
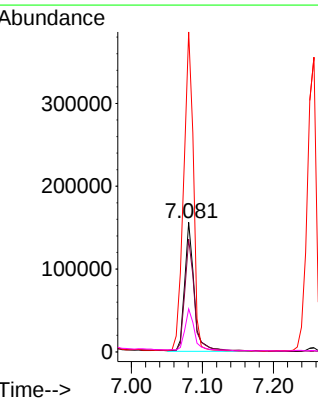
Ion Ratio Lower Upper

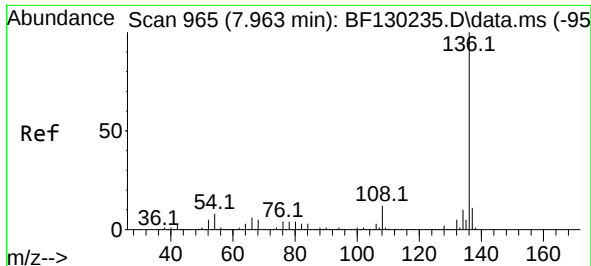
107 100

108 87.1 74.8 114.8

77 247.0 125.8 165.8#

79 33.1 17.1 57.1

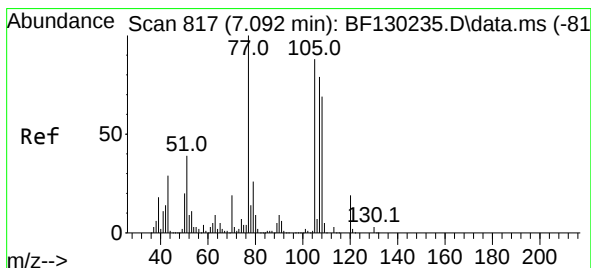
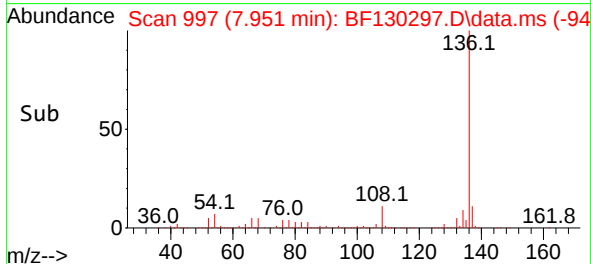
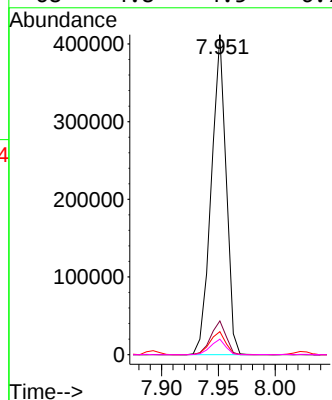
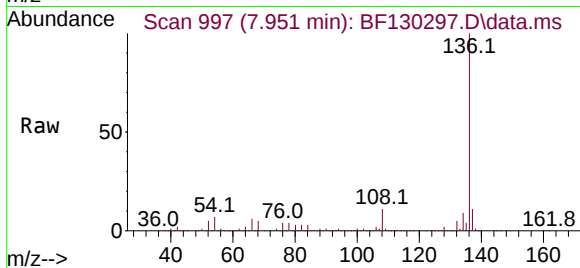




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

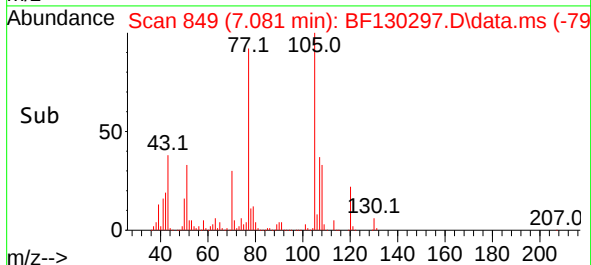
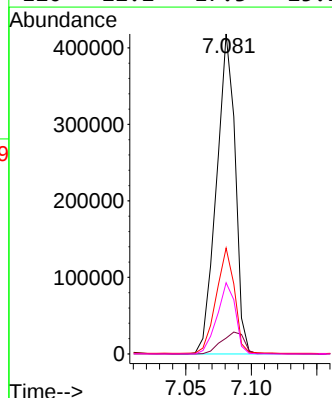
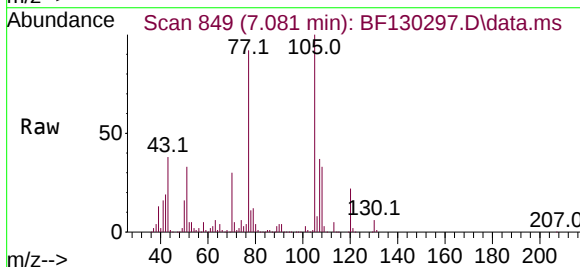
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

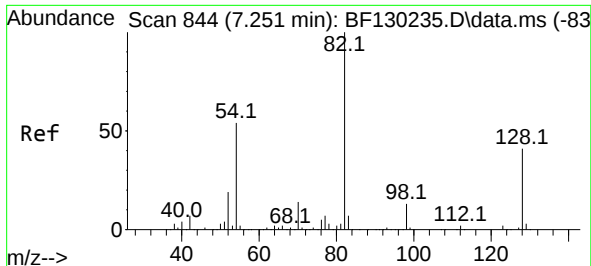
Tgt Ion:	136	Resp:	373523
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.2	7.1	10.7
68	4.8	4.5	6.7



#22
Acetophenone
Concen: 45.550 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:	105	Resp:	415970
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.9	5.9
51	33.1	32.2	48.2
120	22.2	17.3	25.9

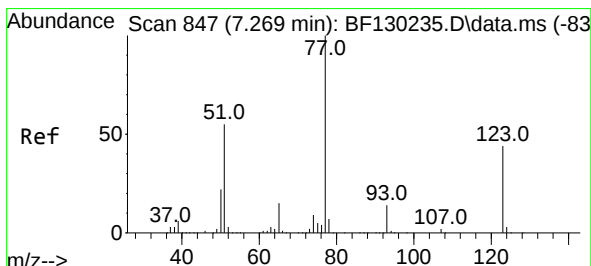
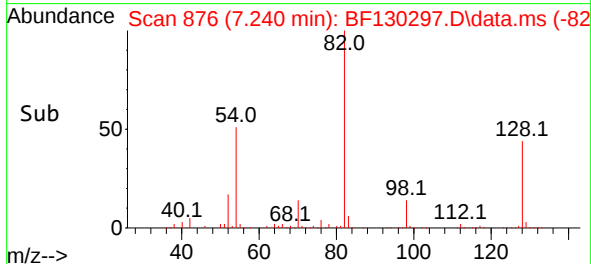
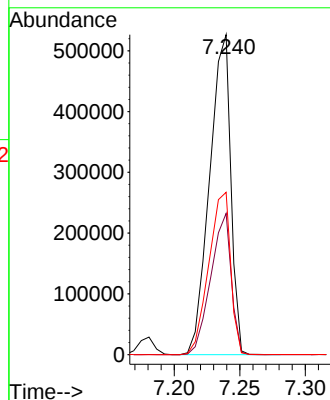
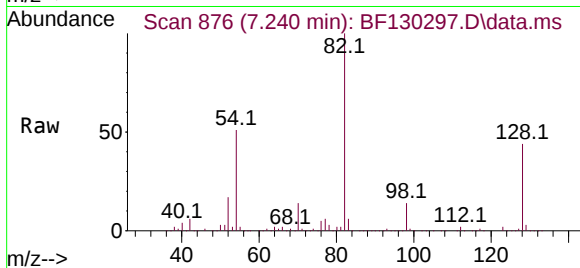




#23
Nitrobenzene-d5
Concen: 80.946 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

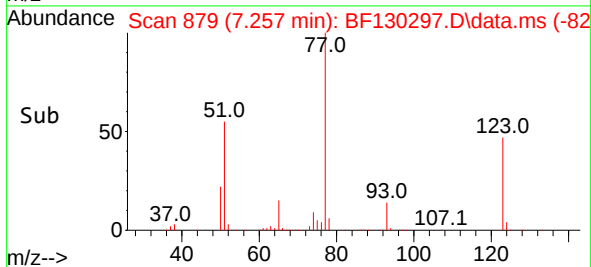
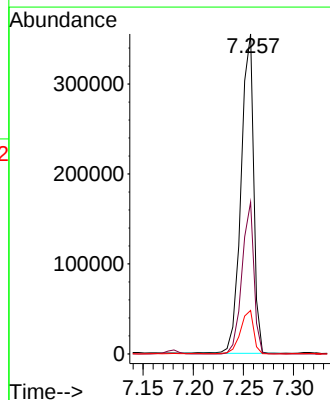
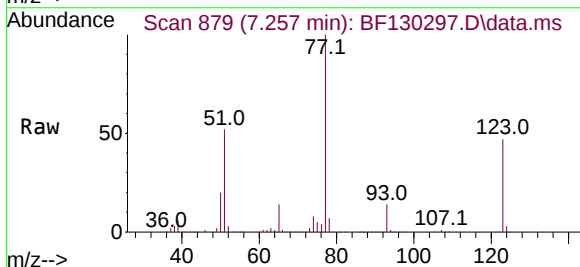
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

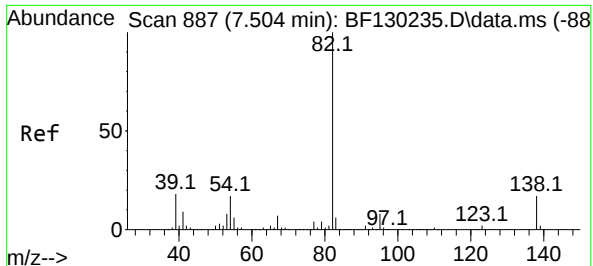
Tgt Ion: 82 Resp: 591821
Ion Ratio Lower Upper
82 100
128 44.1 32.6 49.0
54 50.7 43.8 65.6



#24
Nitrobenzene
Concen: 41.789 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion: 77 Resp: 310235
Ion Ratio Lower Upper
77 100
123 47.4 34.3 51.5
65 13.6 12.0 18.0

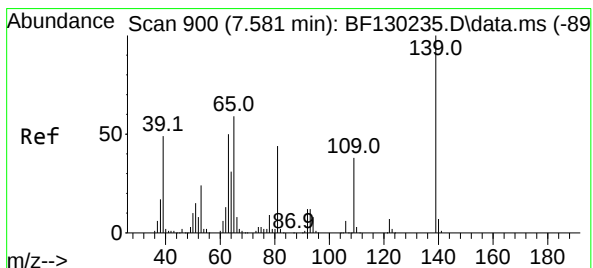
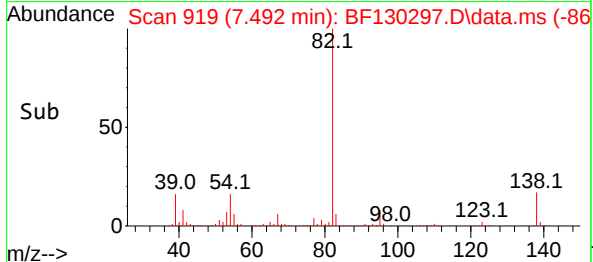
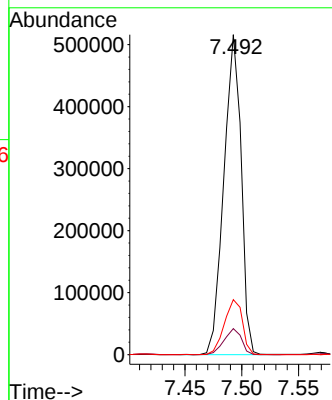
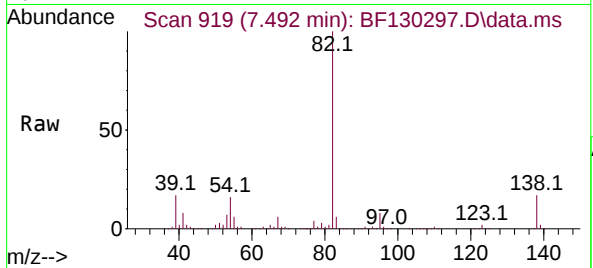




#25
Isophorone
Concen: 46.285 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

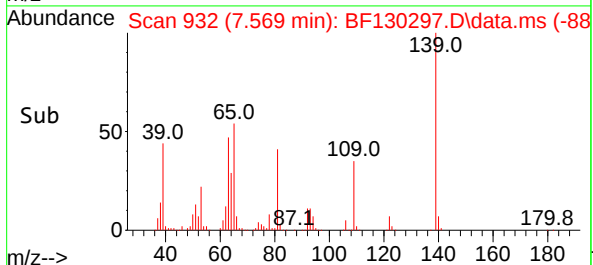
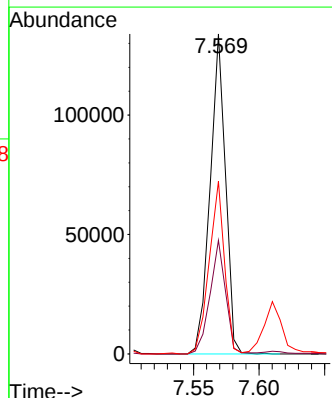
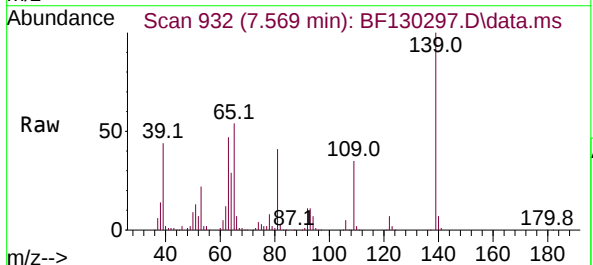
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

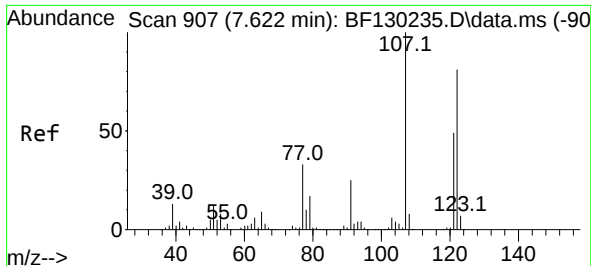
Tgt Ion: 82 Resp: 545425
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 35.821 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion: 139 Resp: 109012
Ion Ratio Lower Upper
139 100
109 35.5 30.2 45.4
65 53.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 41.482 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

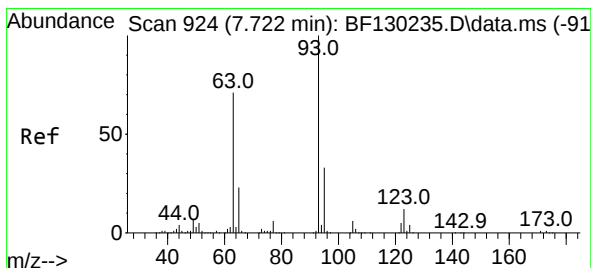
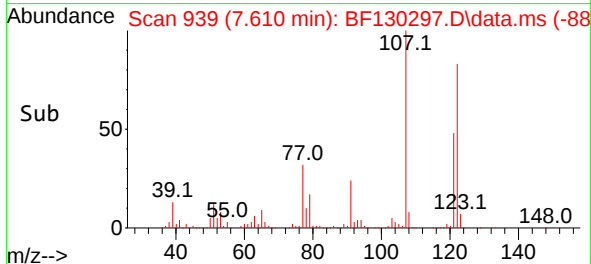
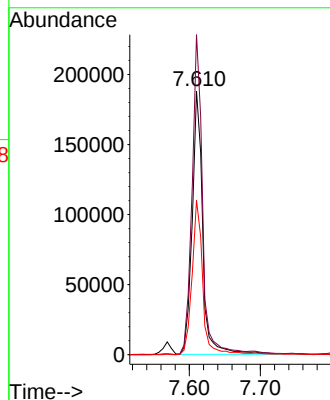
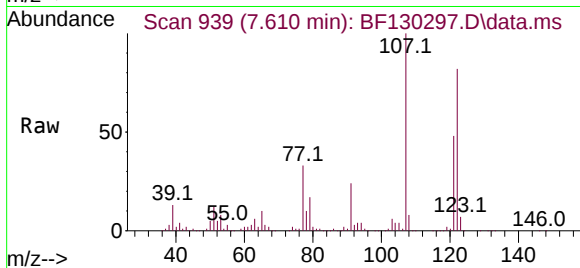
Tgt Ion:122 Resp: 194377

Ion Ratio Lower Upper

122 100

107 121.4 100.2 150.2

121 58.6 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.979 ng

RT: 7.710 min Scan# 956

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

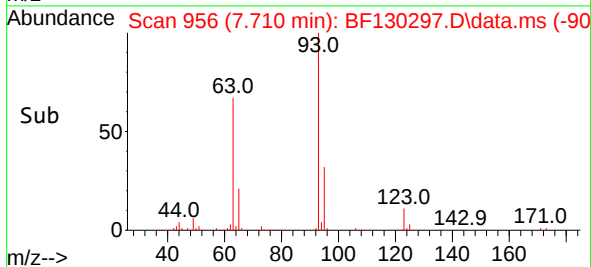
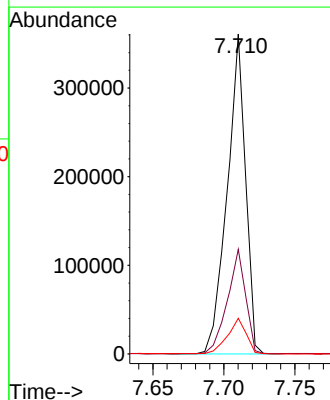
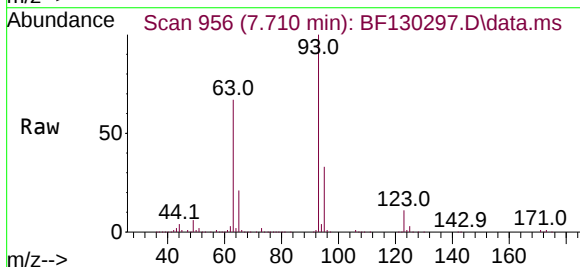
Tgt Ion: 93 Resp: 324995

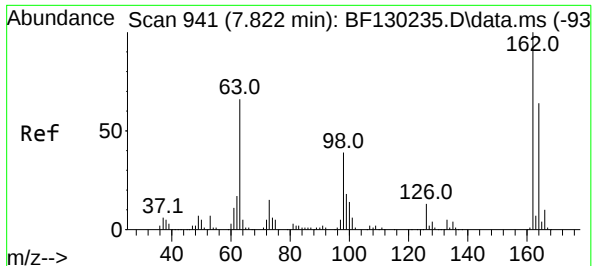
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 33.000 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

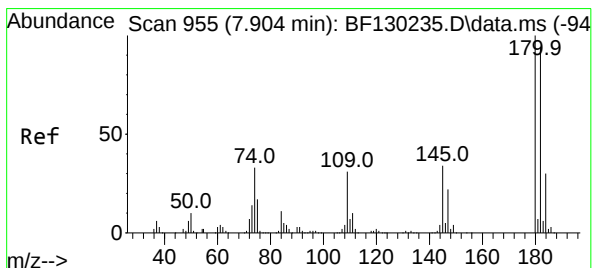
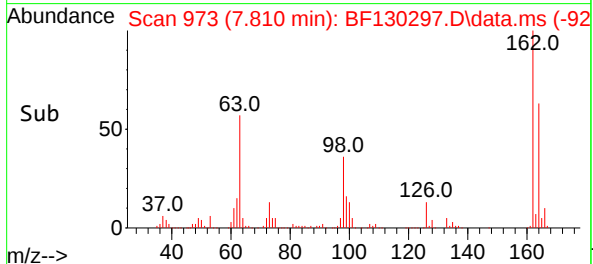
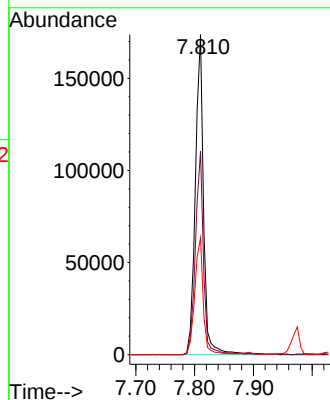
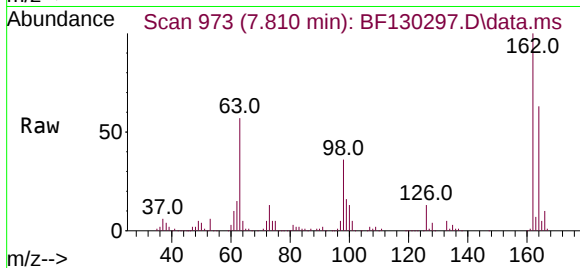
Tgt Ion:162 Resp: 169455

Ion Ratio Lower Upper

162 100

164 63.5 42.2 82.2

98 36.5 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 41.120 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

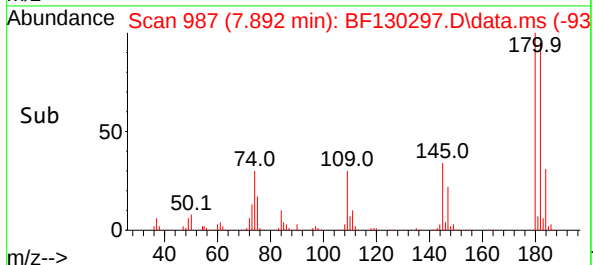
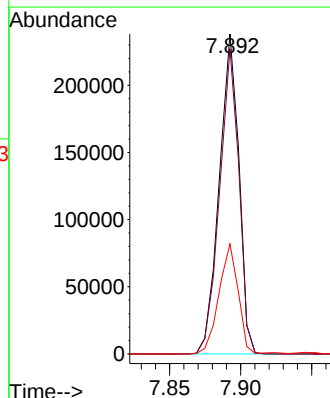
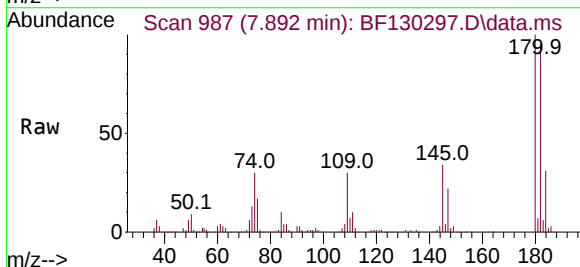
Tgt Ion:180 Resp: 228284

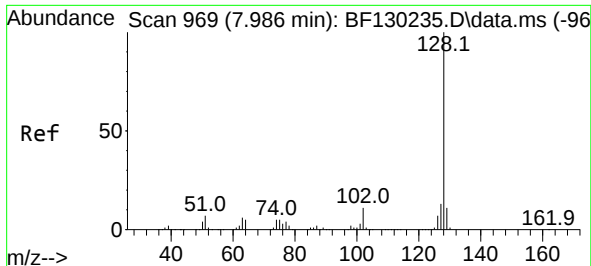
Ion Ratio Lower Upper

180 100

182 95.4 73.3 109.9

145 34.4 28.3 42.5

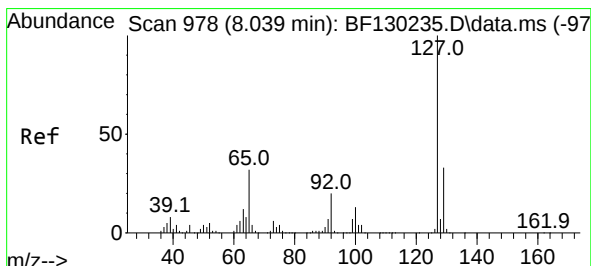
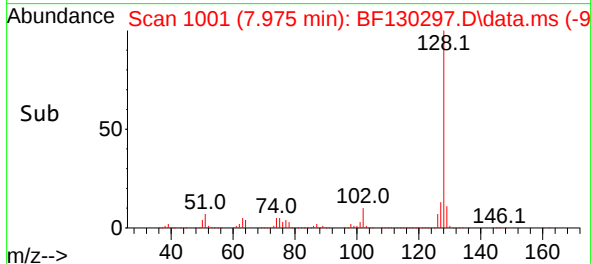
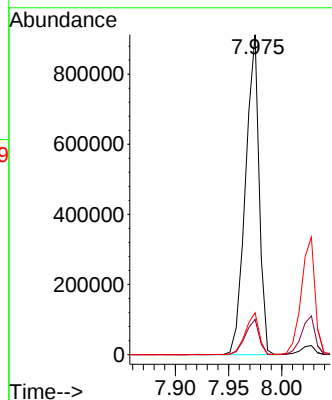
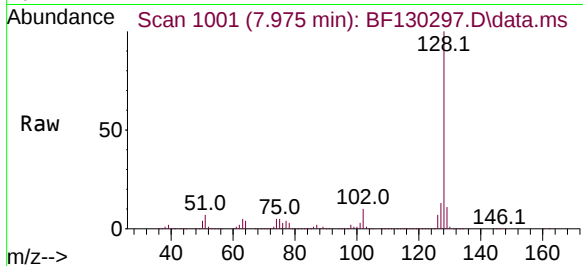




#31
Naphthalene
Concen: 42.123 ng
RT: 7.975 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

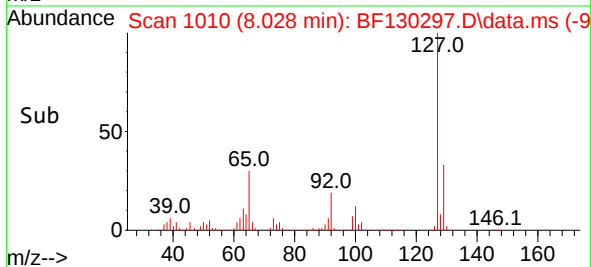
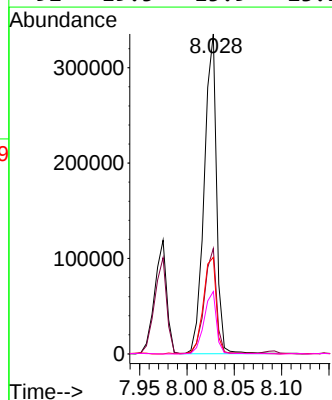
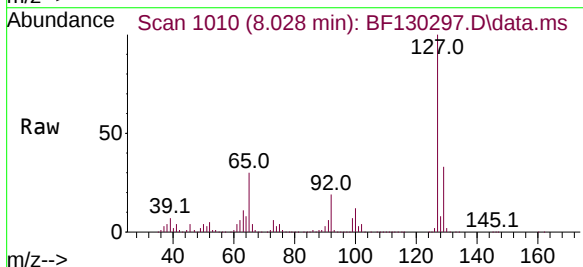
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

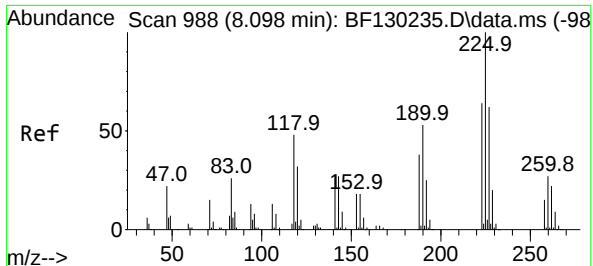
Tgt Ion:128 Resp: 810599
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.6 16.0



#33
4-Chloroaniline
Concen: 41.425 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:127 Resp: 303184
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 30.2 27.0 40.6
92 19.5 15.9 23.9

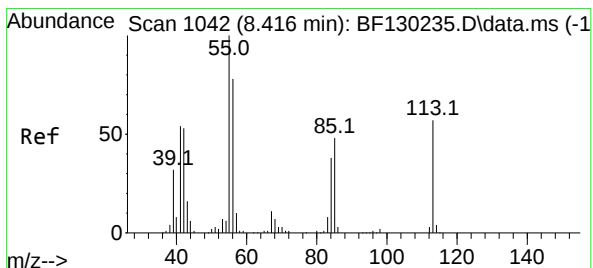
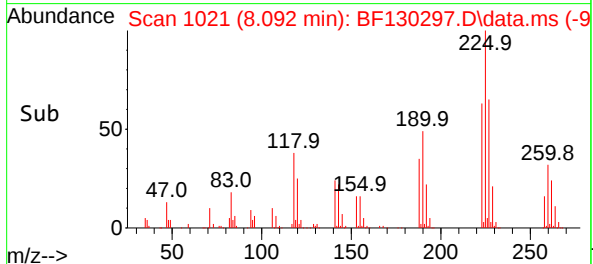
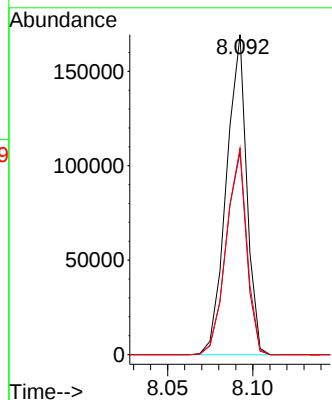
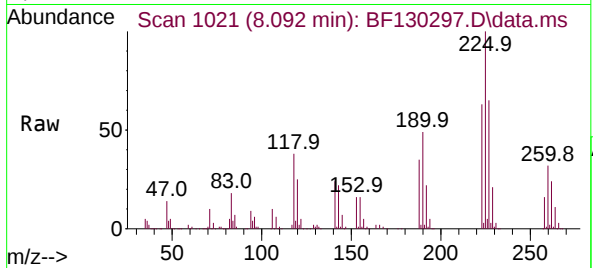




#34
Hexachlorobutadiene
Concen: 39.650 ng
RT: 8.092 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

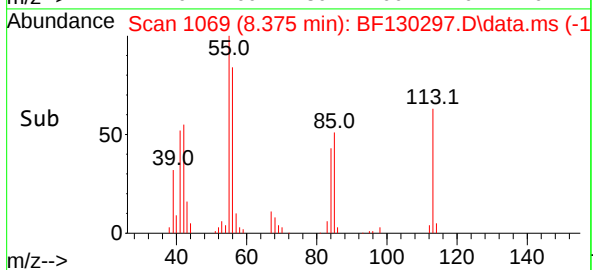
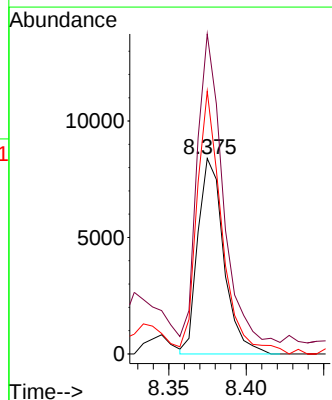
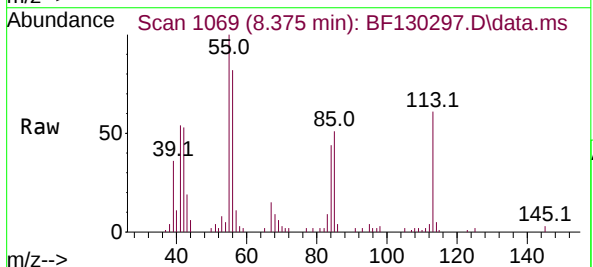
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

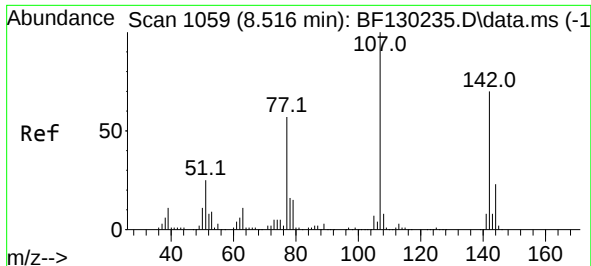
Tgt Ion:225 Resp: 140679
Ion Ratio Lower Upper
225 100
223 63.3 50.3 75.5
227 64.6 51.1 76.7



#35
Caprolactam
Concen: 6.632 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.029 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:113 Resp: 9763
Ion Ratio Lower Upper
113 100
55 163.8 155.4 195.4
56 134.4 120.4 160.4

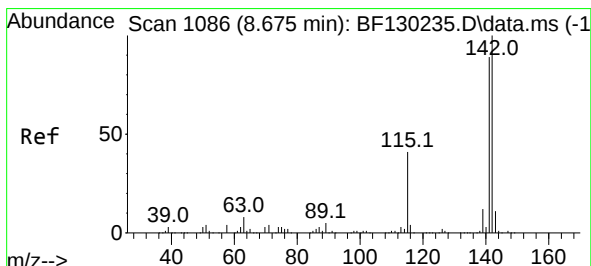
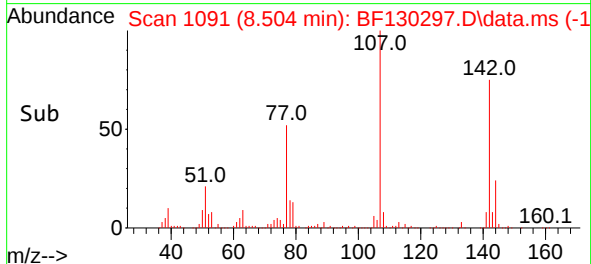
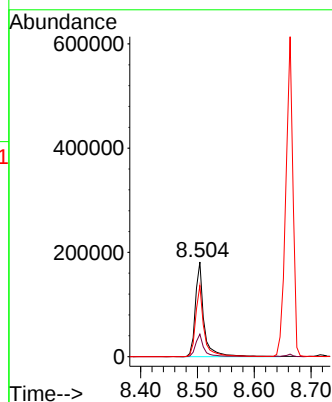
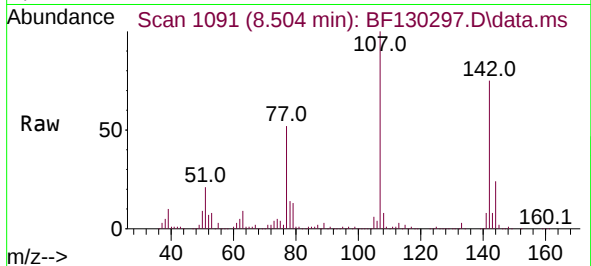




#36
4-Chloro-3-methylphenol
Concen: 32.974 ng
RT: 8.504 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

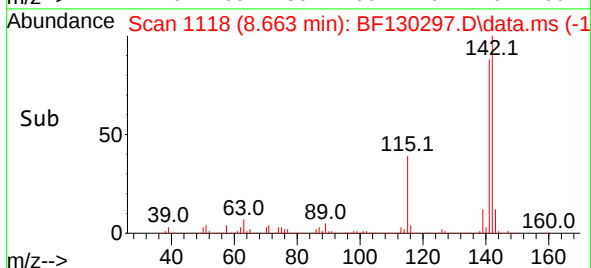
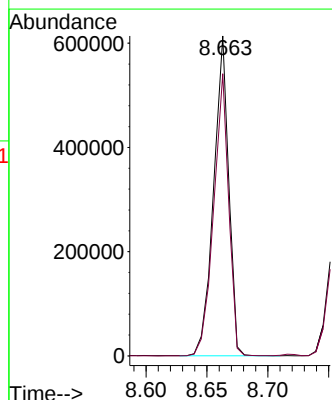
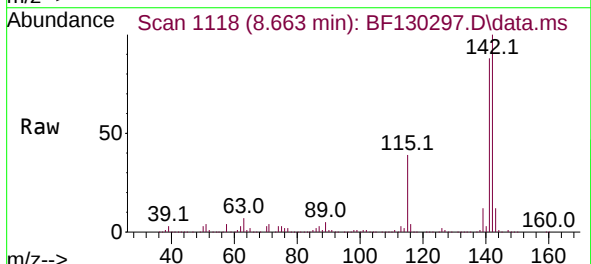
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

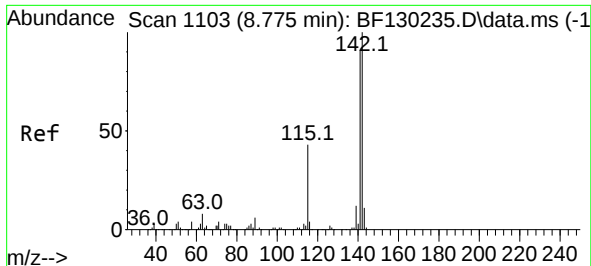
Tgt Ion:107 Resp: 187674
Ion Ratio Lower Upper
107 100
144 23.8 20.0 30.0
142 75.2 61.3 91.9



#37
2-Methylnaphthalene
Concen: 43.030 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:142 Resp: 527948
Ion Ratio Lower Upper
142 100
141 88.2 70.0 105.0

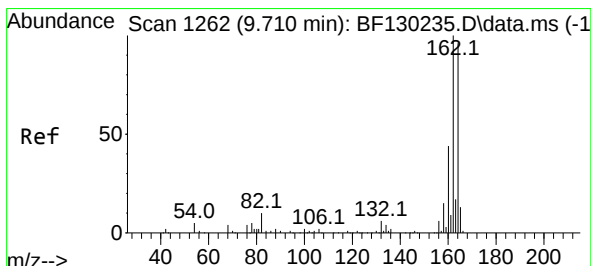
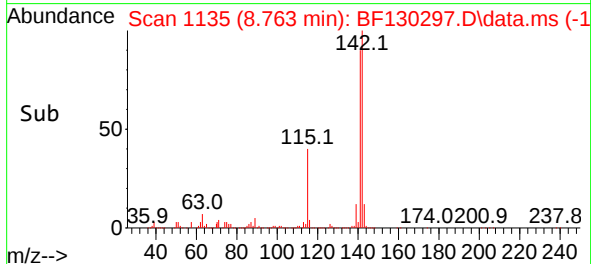
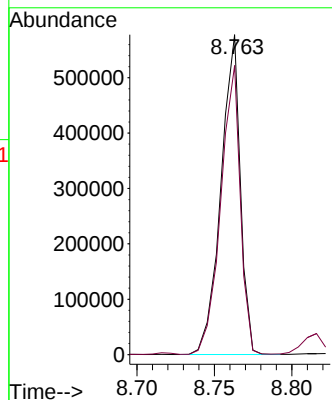
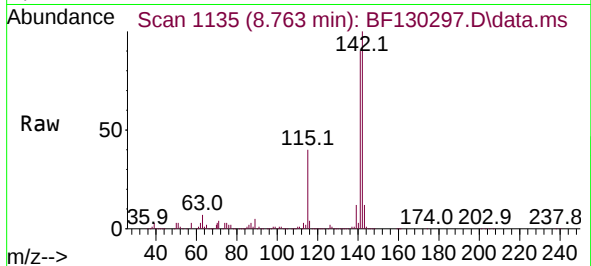




#38
1-Methylnaphthalene
Concen: 42.684 ng
RT: 8.763 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

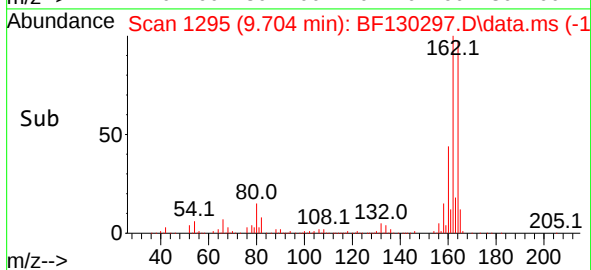
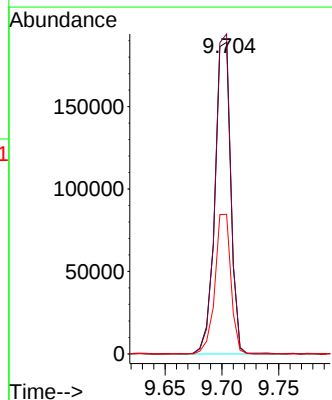
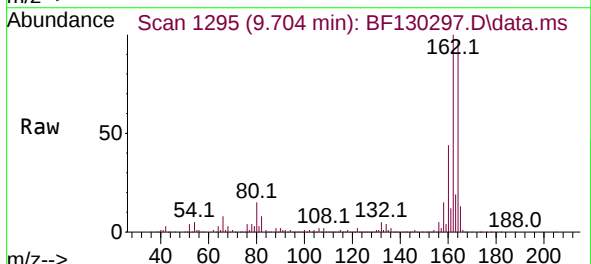
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

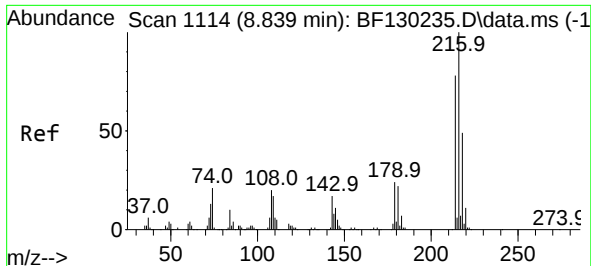
Tgt Ion:142 Resp: 503093
Ion Ratio Lower Upper
142 100
141 90.3 73.8 110.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:164 Resp: 183382
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 44.8 36.2 54.4

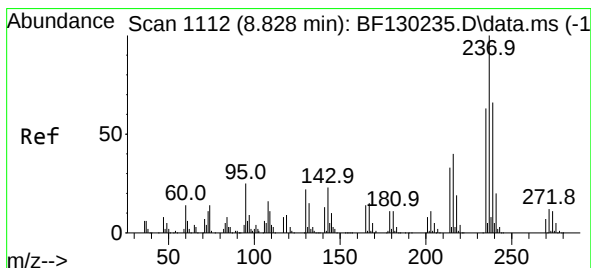
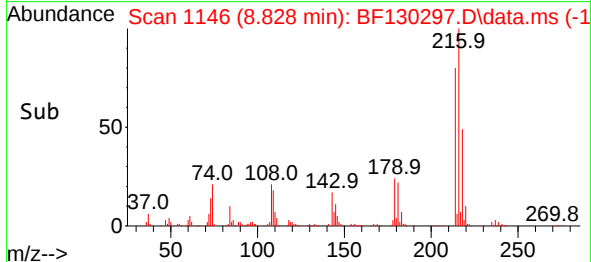
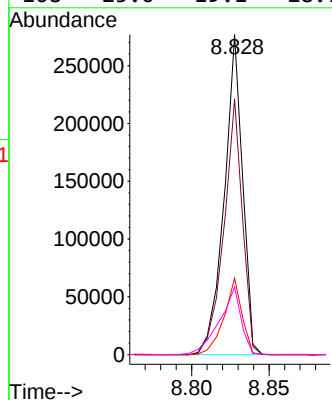
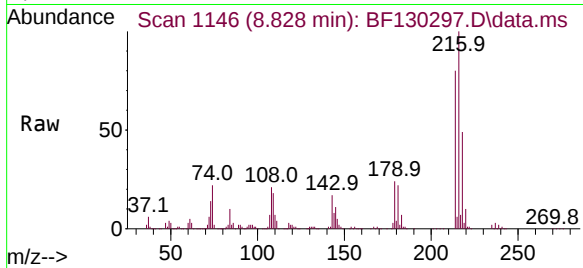




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.596 ng
 RT: 8.828 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

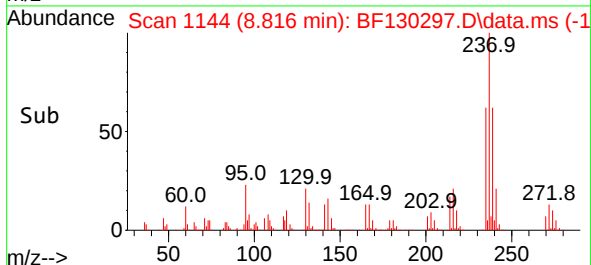
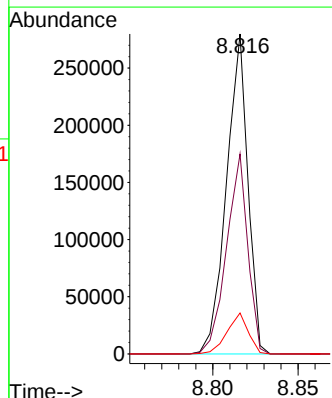
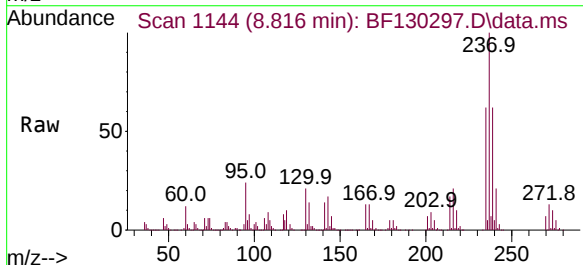
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

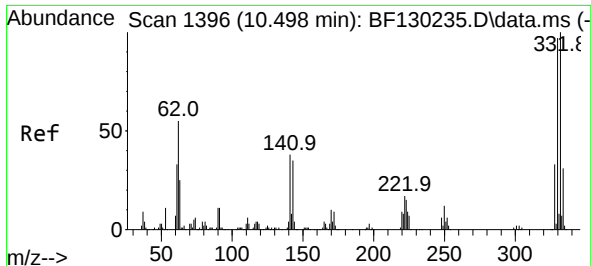
Tgt Ion:	216	Resp:	228192
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.8	94.2
179	23.4	19.5	29.3
108	25.0	19.1	28.7



#41
 Hexachlorocyclopentadiene
 Concen: 91.187 ng
 RT: 8.816 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

Tgt Ion:	237	Resp:	244328
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.5	82.5
272	12.8	0.0	32.8





#42

2,4,6-Tribromophenol

Concen: 88.774 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

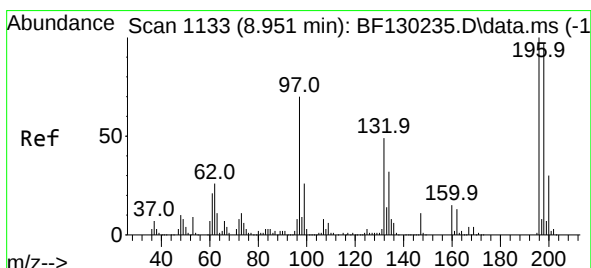
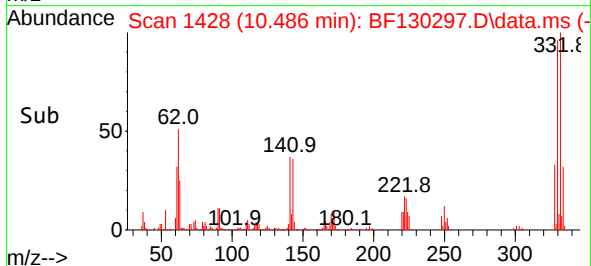
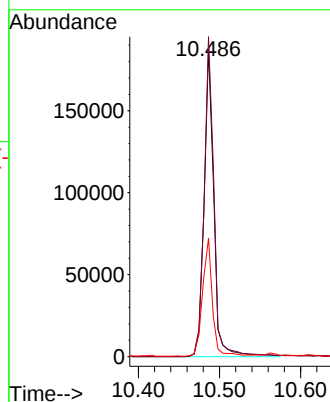
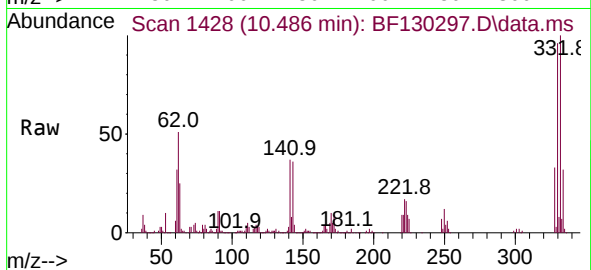
Tgt Ion:330 Resp: 155990

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 38.9 34.0 51.0



#43

2,4,6-Trichlorophenol

Concen: 24.262 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

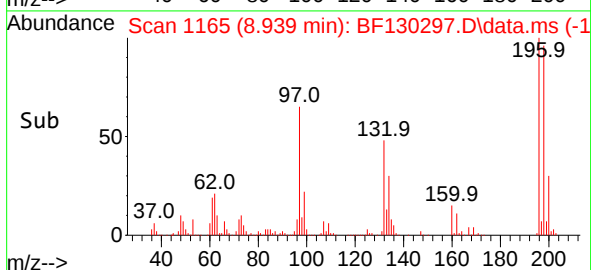
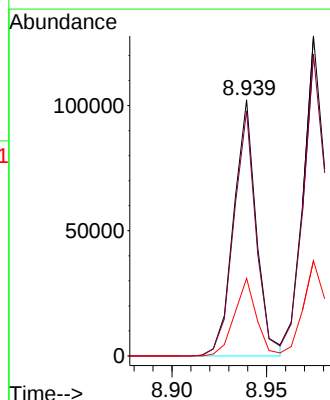
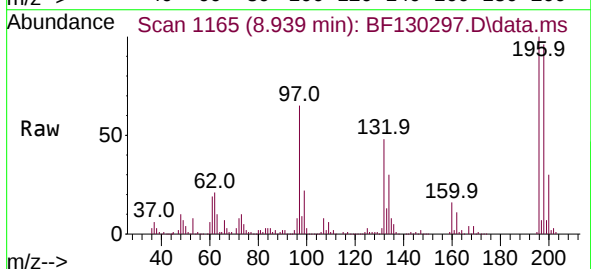
Tgt Ion:196 Resp: 84740

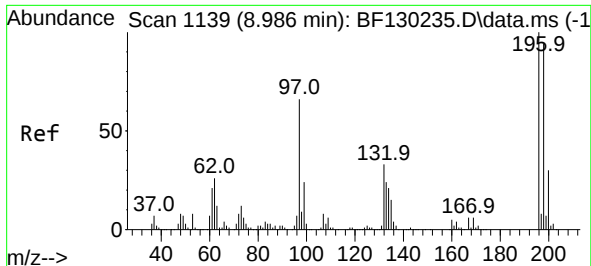
Ion Ratio Lower Upper

196 100

198 95.7 72.4 108.6

200 30.3 23.8 35.6

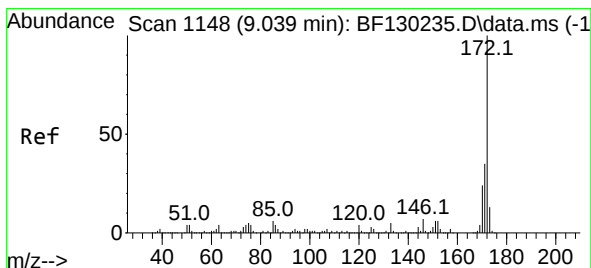
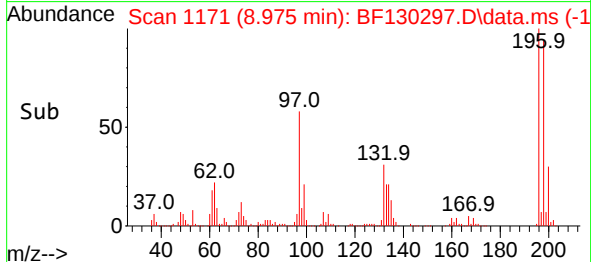
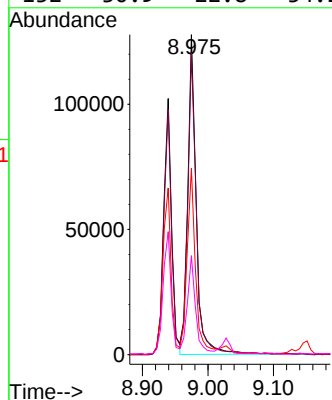
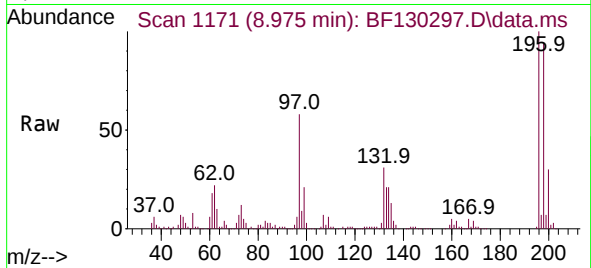




#44
2,4,5-Trichlorophenol
Concen: 30.779 ng
RT: 8.975 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

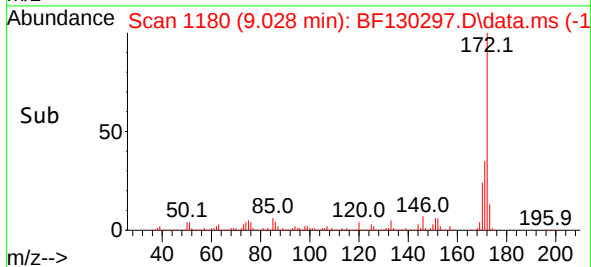
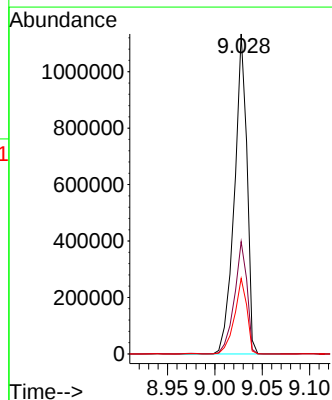
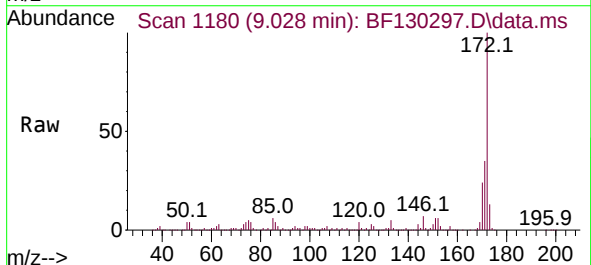
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

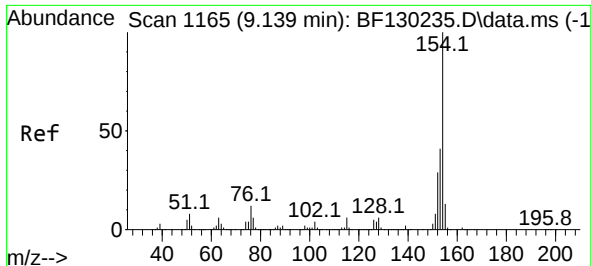
Tgt Ion:196 Resp: 116008
Ion Ratio Lower Upper
196 100
198 94.2 74.8 112.2
97 58.2 43.7 65.5
132 30.9 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 82.941 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:172 Resp: 1044496
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1

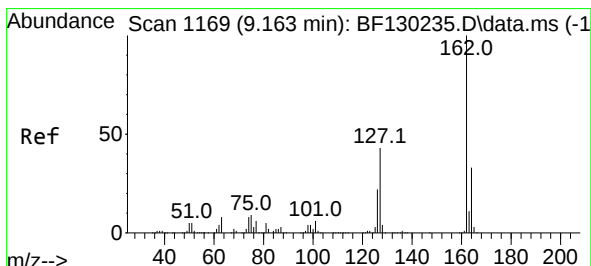
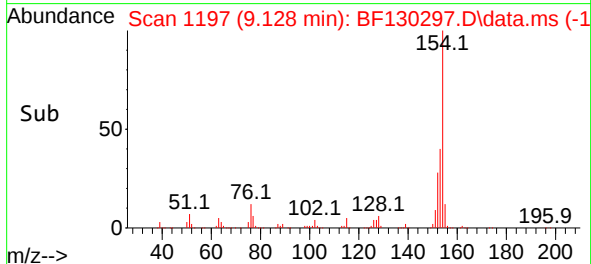
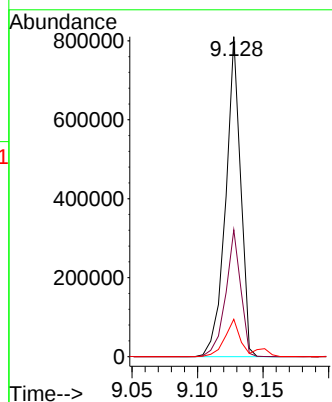
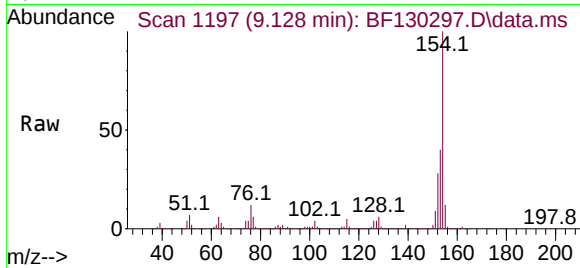




#46
1,1'-Biphenyl
Concen: 46.914 ng
RT: 9.128 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

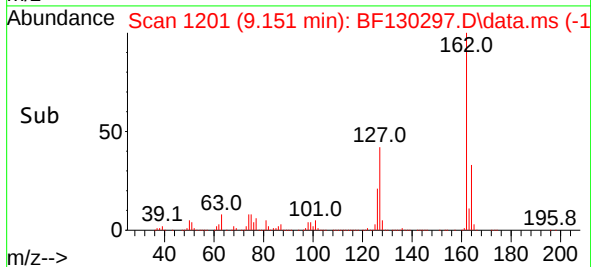
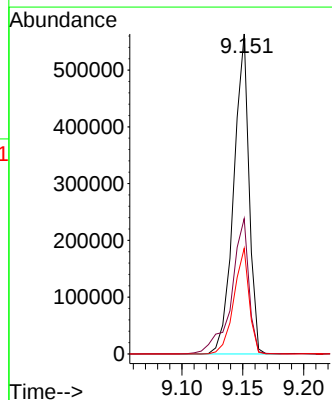
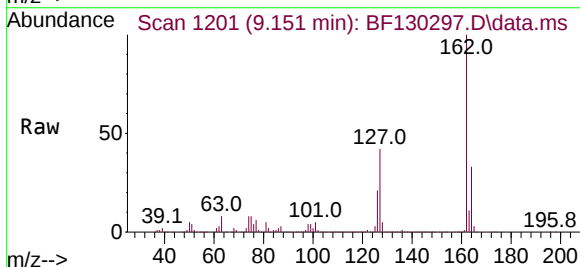
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

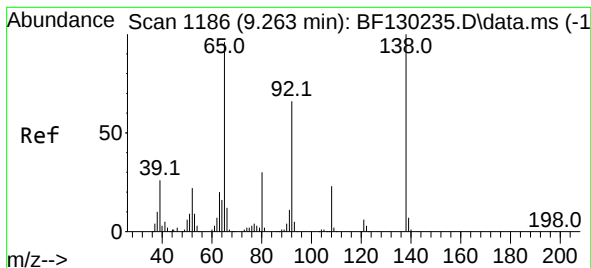
Tgt Ion:154 Resp: 642525
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 11.7 0.0 33.3



#47
2-Chloronaphthalene
Concen: 44.558 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:162 Resp: 493655
Ion Ratio Lower Upper
162 100
127 42.3 35.9 53.9
164 33.0 26.2 39.2





#48

2-Nitroaniline

Concen: 42.000 ng

RT: 9.251 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

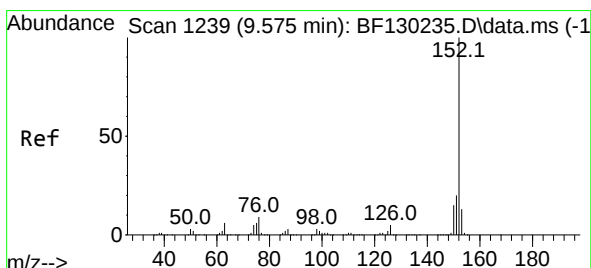
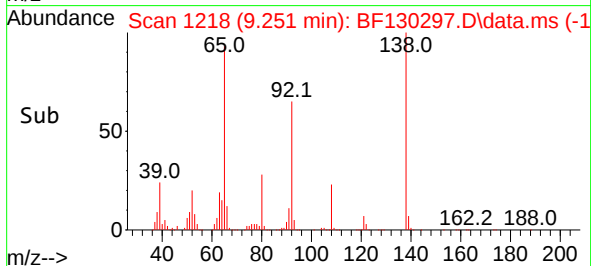
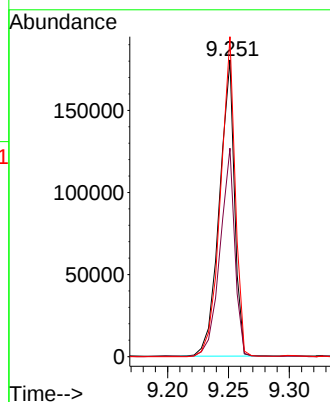
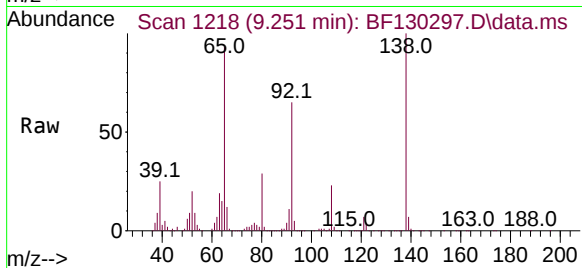
Tgt Ion: 65 Resp: 155198

Ion Ratio Lower Upper

65 100

92 70.2 52.2 78.4

138 107.8 77.0 115.4



#49

Acenaphthylene

Concen: 45.126 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

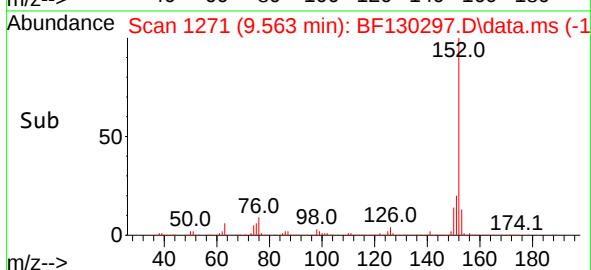
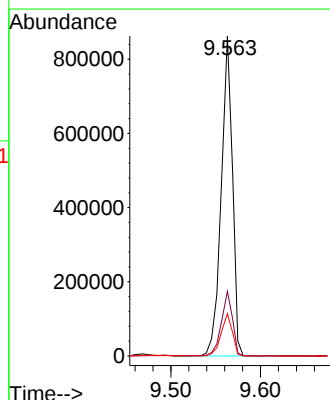
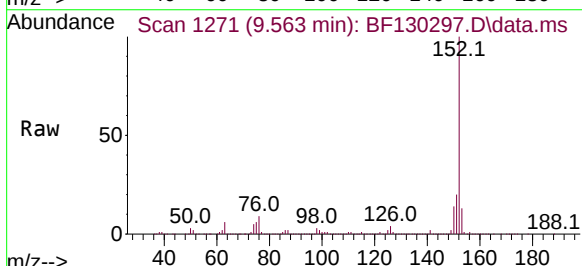
Tgt Ion: 152 Resp: 749610

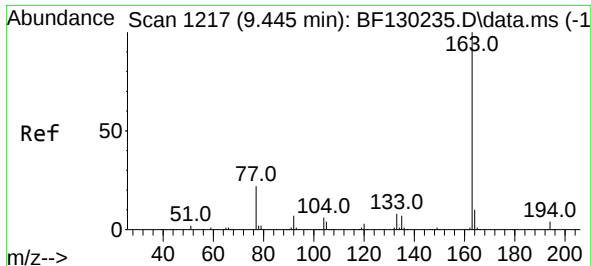
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.2 10.6 15.8

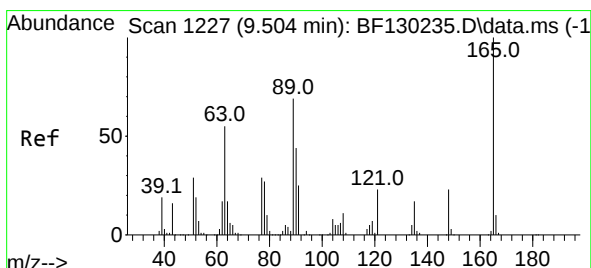
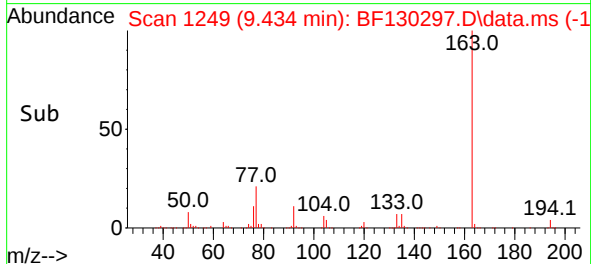
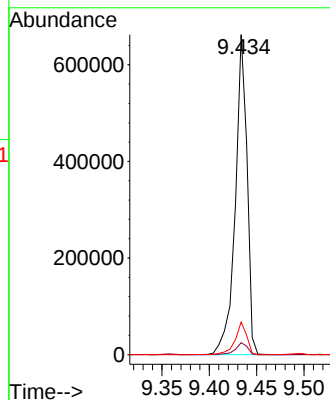
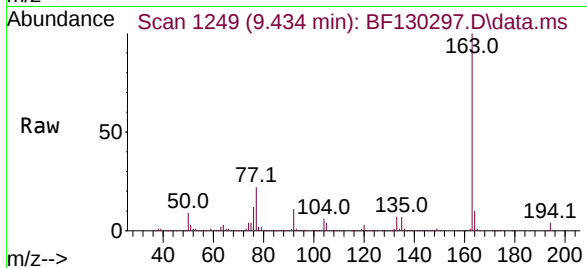




#50
Dimethylphthalate
Concen: 45.304 ng
RT: 9.434 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

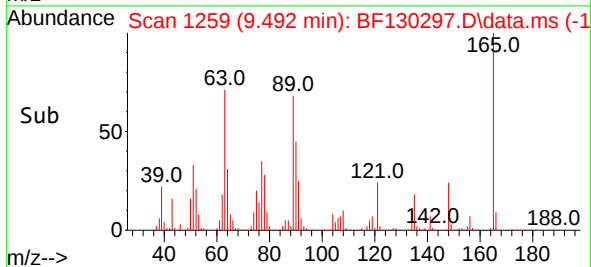
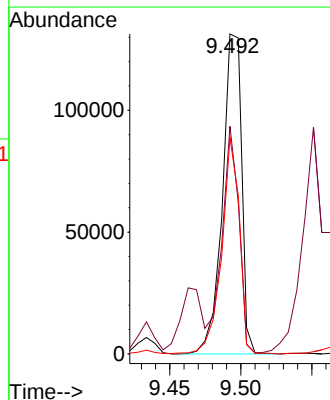
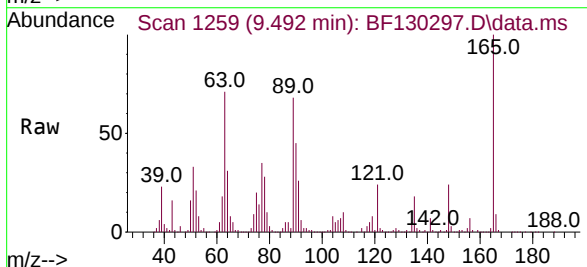
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

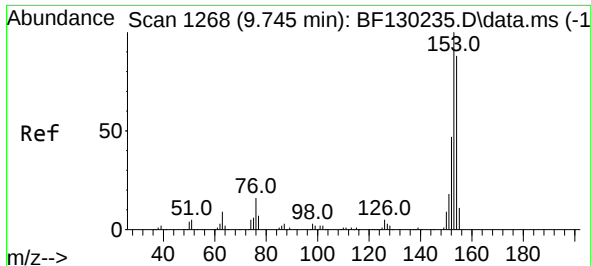
Tgt Ion:163 Resp: 573878
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 46.760 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:165 Resp: 123876
Ion Ratio Lower Upper
165 100
63 71.1 58.8 88.2
89 67.6 54.5 81.7

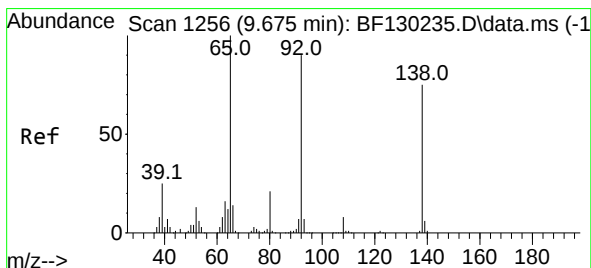
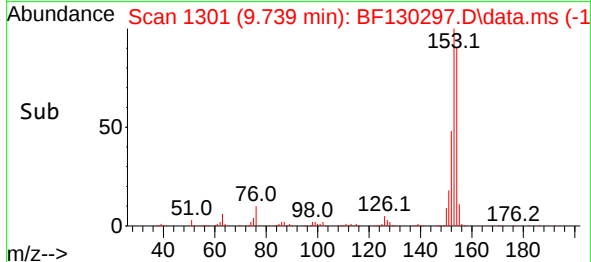
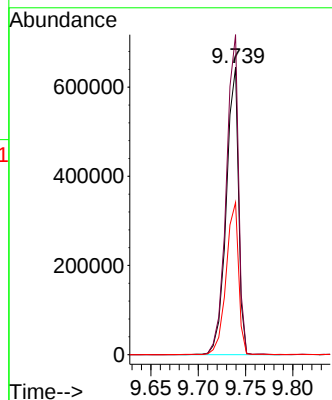
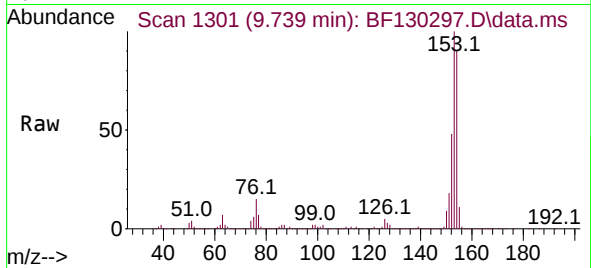




#52
Acenaphthene
Concen: 53.045 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

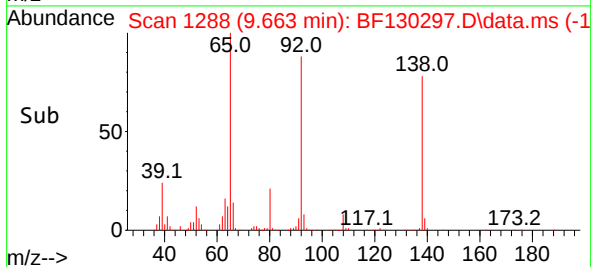
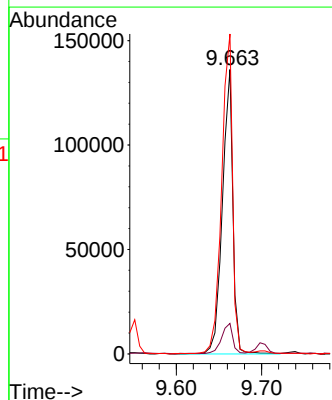
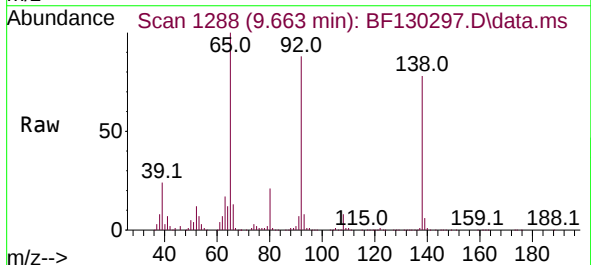
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

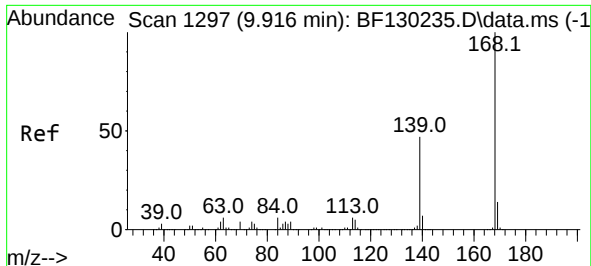
Tgt Ion:154 Resp: 578941
Ion Ratio Lower Upper
154 100
153 111.5 90.6 136.0
152 53.0 43.8 65.6



#53
3-Nitroaniline
Concen: 39.457 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:138 Resp: 116475
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 112.5 99.2 148.8

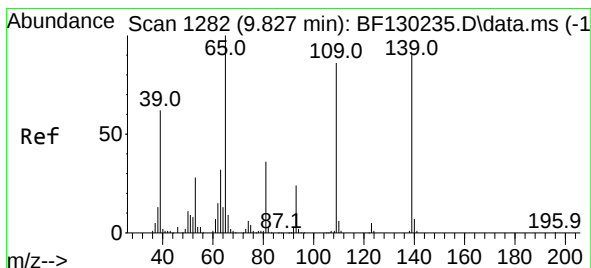
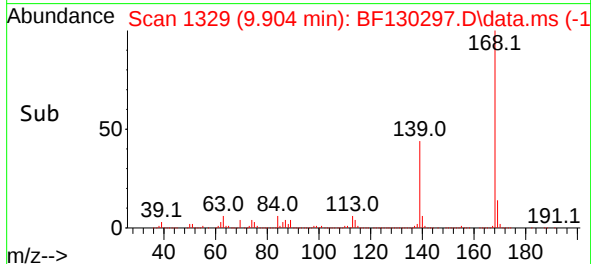
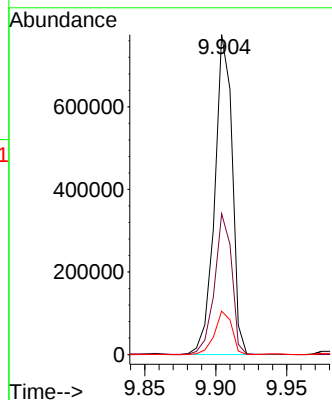
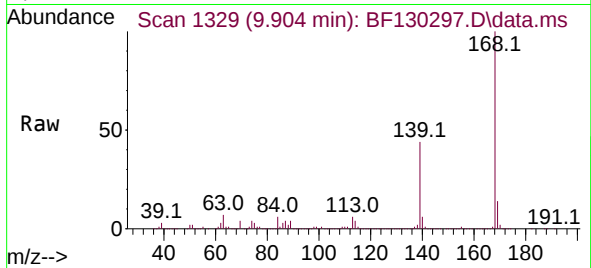




#55
Dibenzenofuran
Concen: 43.792 ng
RT: 9.904 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

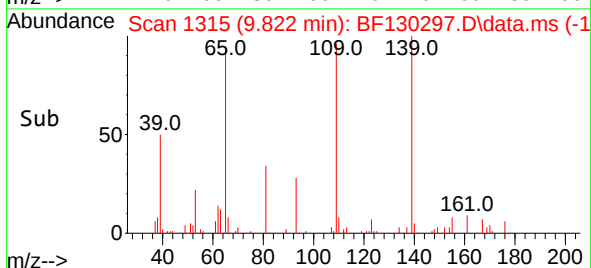
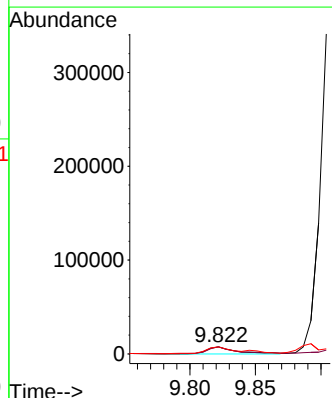
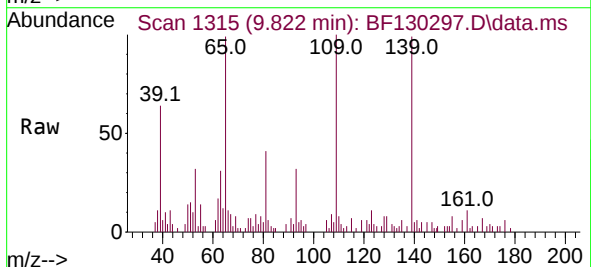
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

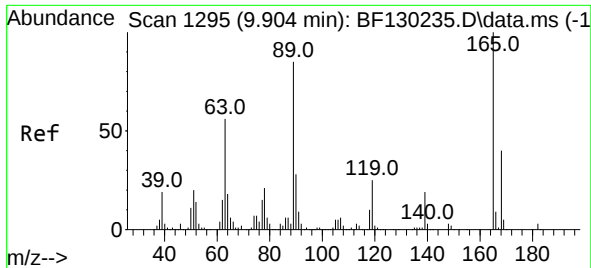
Tgt Ion:168 Resp: 664795
Ion Ratio Lower Upper
168 100
139 44.0 35.0 52.4
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 5.360 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:139 Resp: 11524
Ion Ratio Lower Upper
139 100
109 101.0 72.2 112.2
65 99.5 97.7 137.7

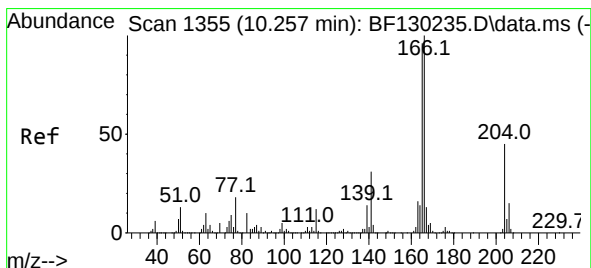
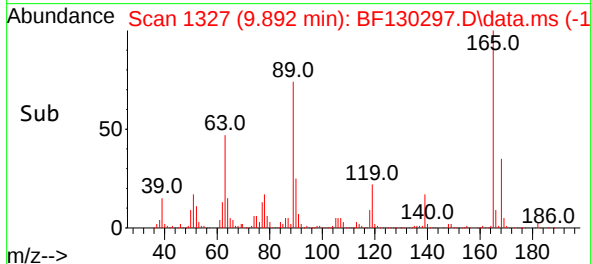
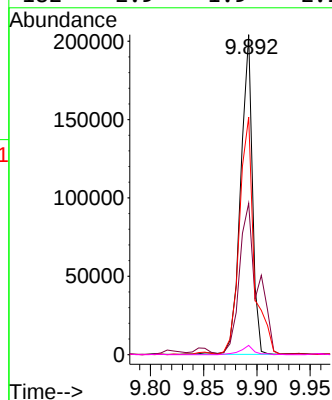
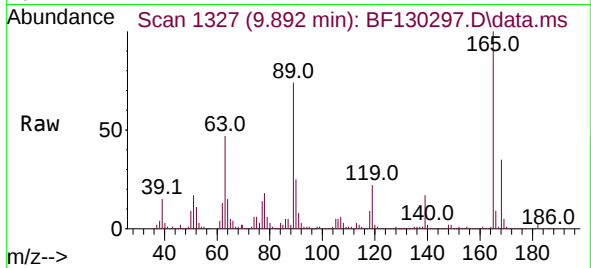




#57
2,4-Dinitrotoluene
Concen: 46.181 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

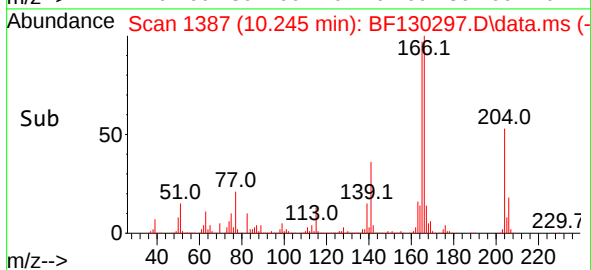
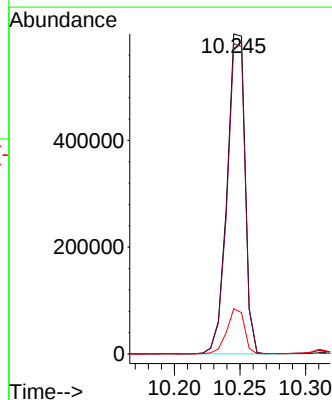
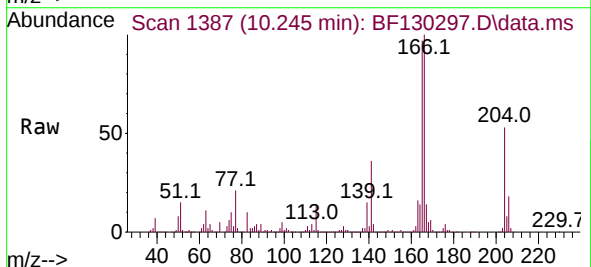
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

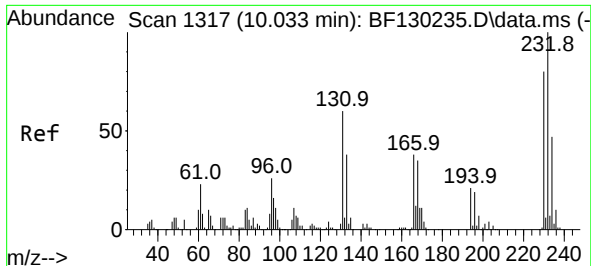
Tgt Ion:165 Resp: 156357
Ion Ratio Lower Upper
165 100
63 47.3 44.7 67.1
89 74.2 69.0 103.4
182 2.9 1.9 2.9#



#58
Fluorene
Concen: 46.207 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:166 Resp: 573674
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 14.1 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 14.044 ng

RT: 10.022 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

Tgt Ion:232 Resp: 41431

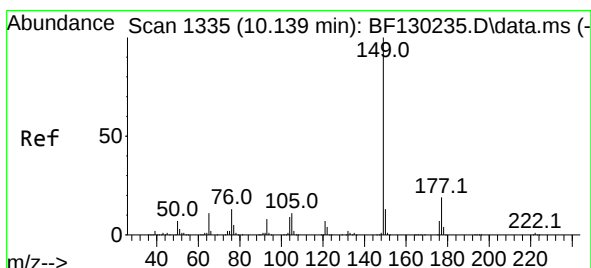
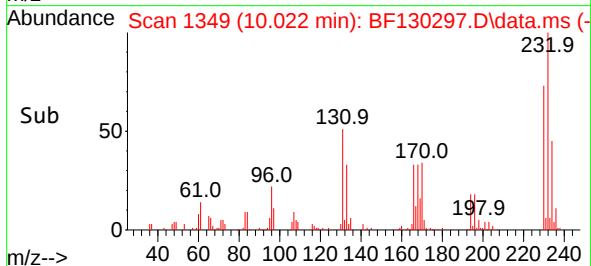
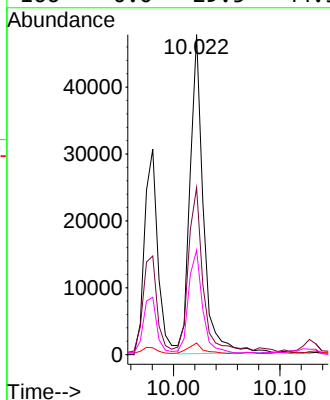
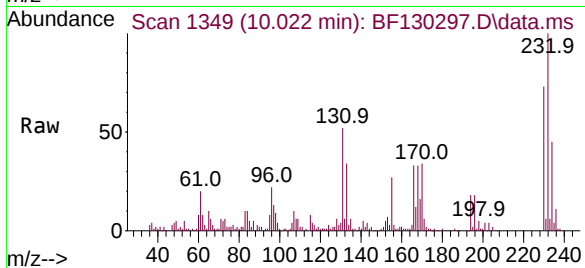
Ion Ratio Lower Upper

232 100

131 55.7 46.4 69.6

130 3.6 2.3 3.5#

166 0.0 29.5 44.3#



#60

Diethylphthalate

Concen: 42.921 ng

RT: 10.128 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

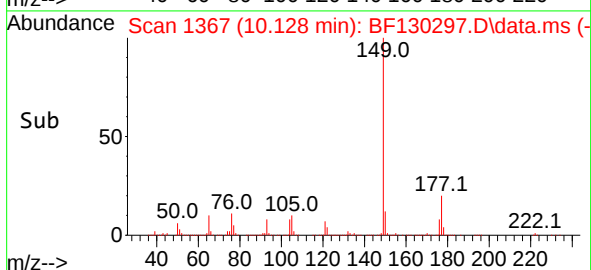
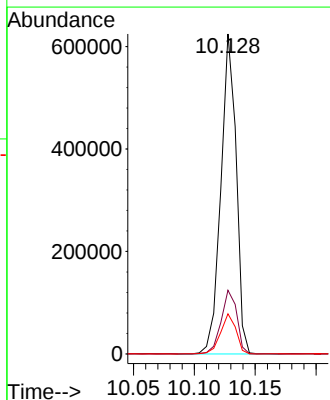
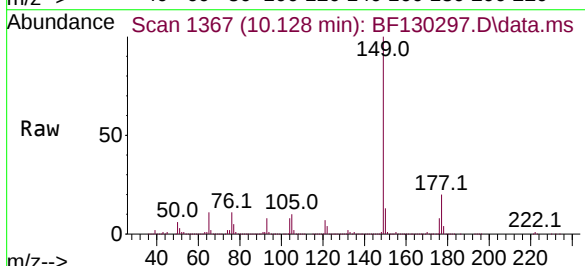
Tgt Ion:149 Resp: 545214

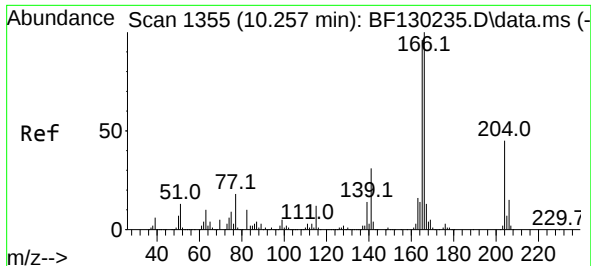
Ion Ratio Lower Upper

149 100

177 19.9 16.1 24.1

150 12.5 9.9 14.9

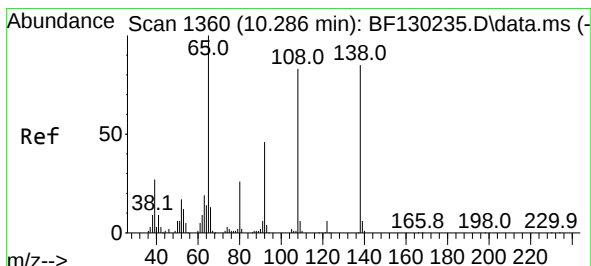
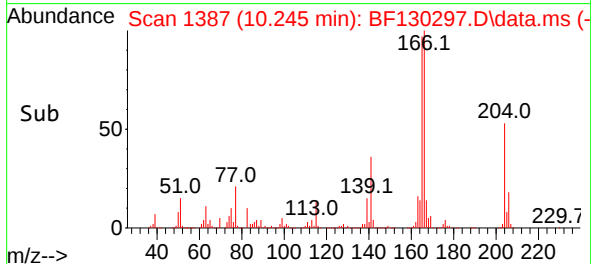
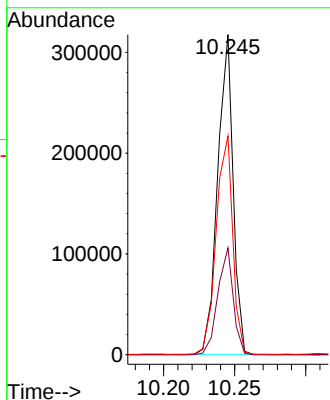
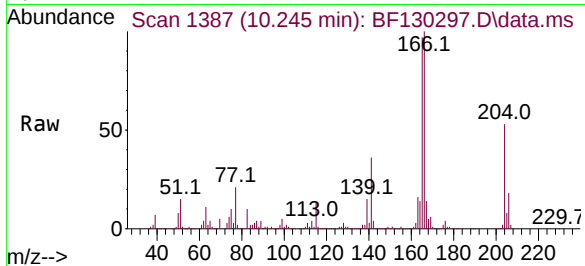




#61
4-Chlorophenyl-phenylether
Concen: 44.342 ng
RT: 10.245 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

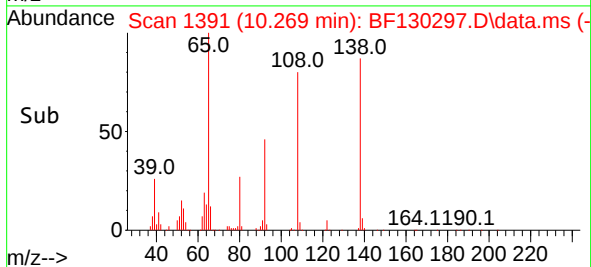
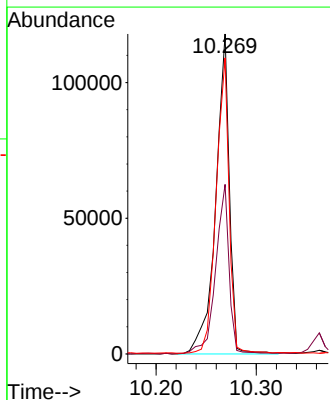
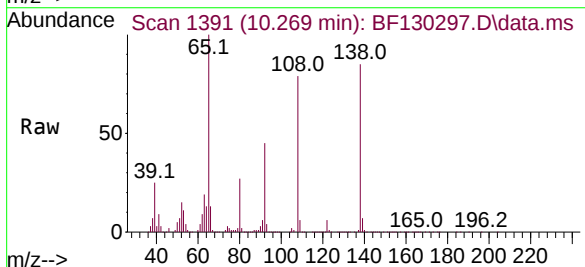
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

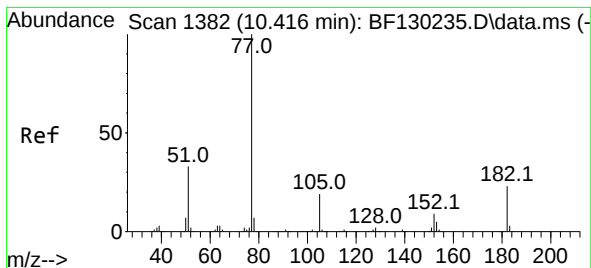
Tgt Ion:204 Resp: 241498
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 68.3 57.1 85.7



#62
4-Nitroaniline
Concen: 37.846 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:138 Resp: 112231
Ion Ratio Lower Upper
138 100
92 53.0 36.7 76.7
108 92.5 78.2 118.2





#63

Azobenzene

Concen: 40.250 ng

RT: 10.404 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

Tgt Ion: 77 Resp: 526478

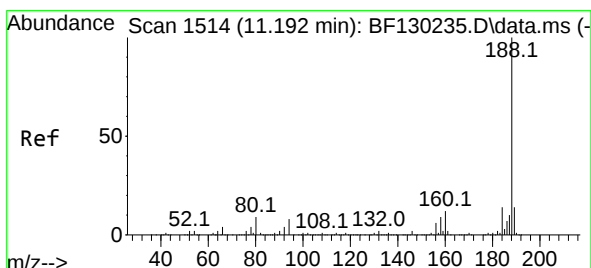
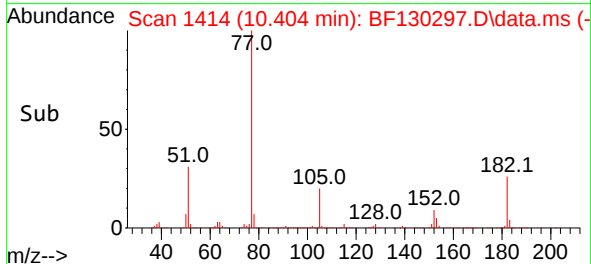
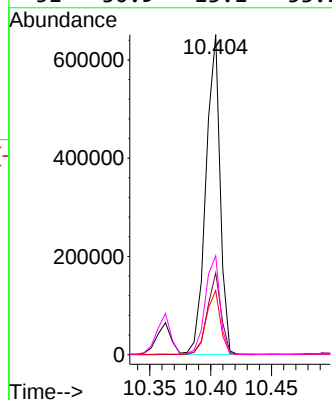
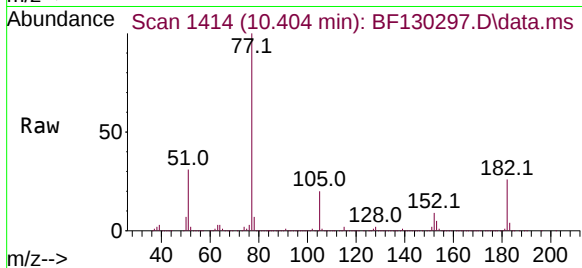
Ion Ratio Lower Upper

77 100

182 25.5 2.1 42.1

105 20.0 0.0 39.4

51 30.9 13.1 53.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

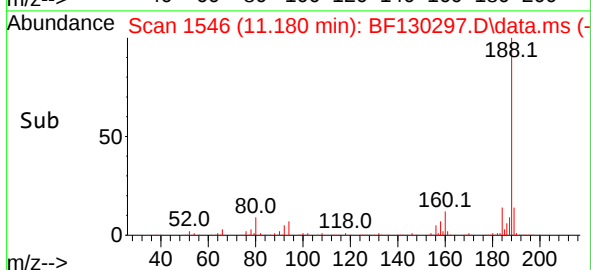
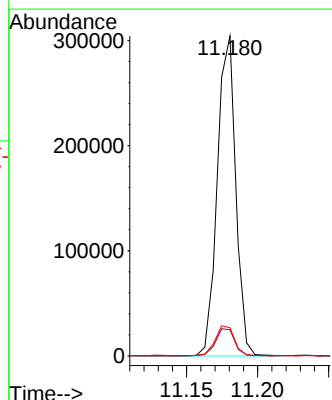
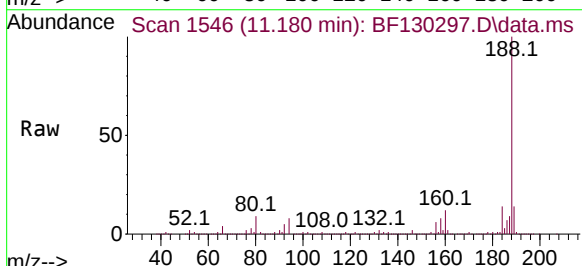
Tgt Ion: 188 Resp: 274752

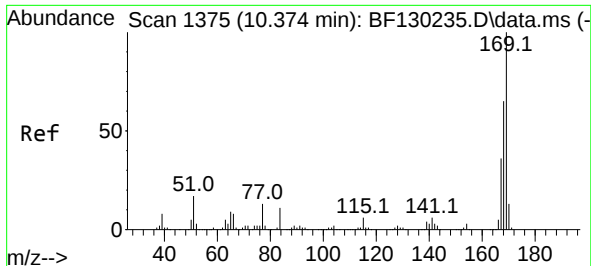
Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.2

80 8.8 7.9 11.9

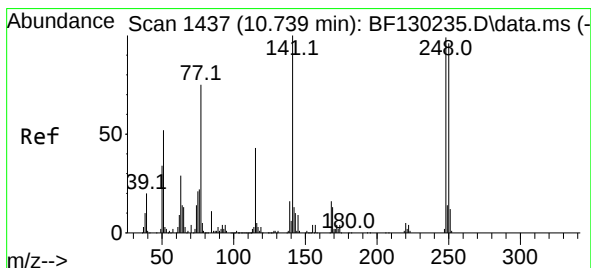
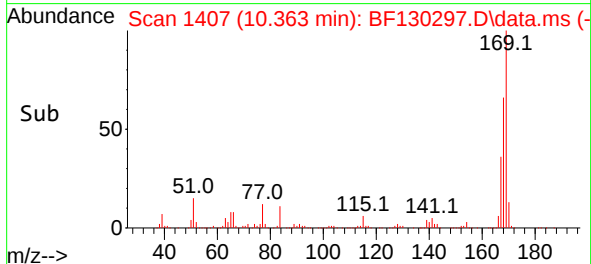
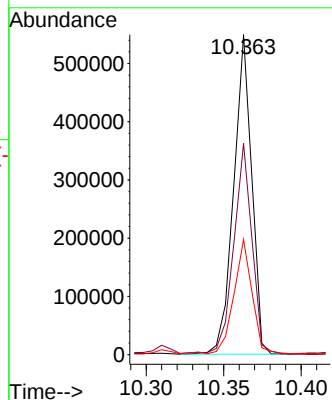
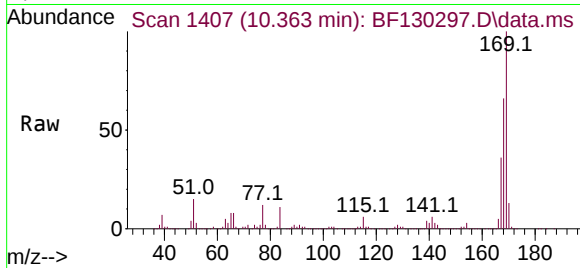




#66
n-Nitrosodiphenylamine
Concen: 48.578 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

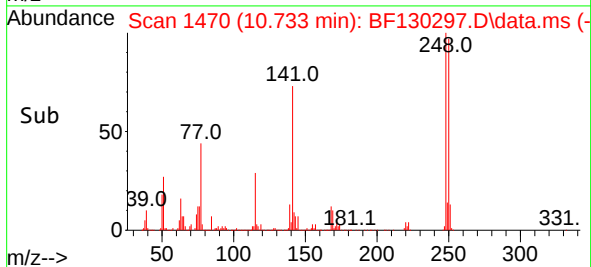
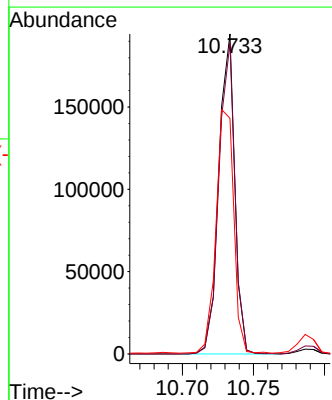
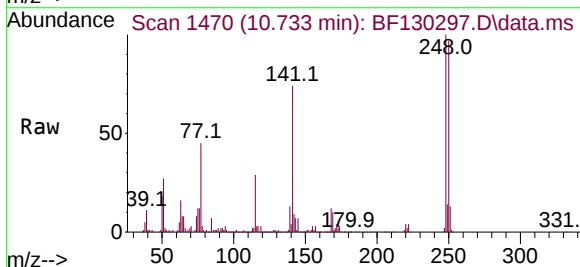
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

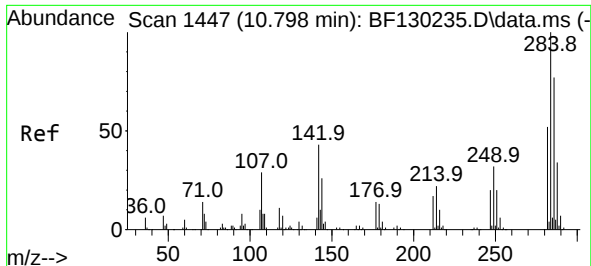
Tgt Ion:169 Resp: 446016
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 36.0 29.2 43.8



#67
4-Bromophenyl-phenylether
Concen: 50.086 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:248 Resp: 151807
Ion Ratio Lower Upper
248 100
250 97.1 80.0 120.0
141 73.6 68.5 102.7

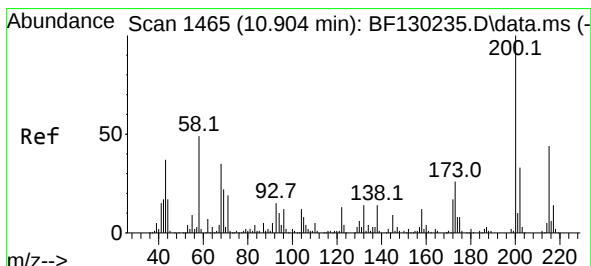
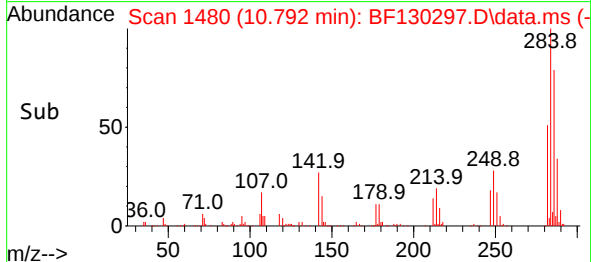
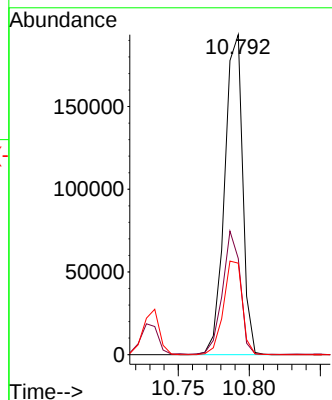
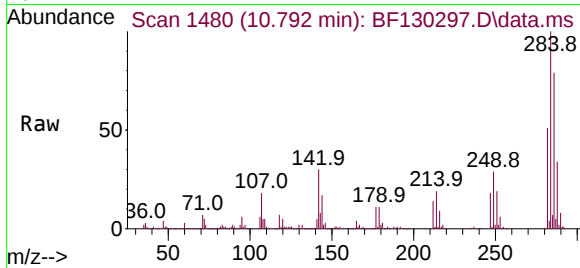




#68
Hexachlorobenzene
Concen: 49.754 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

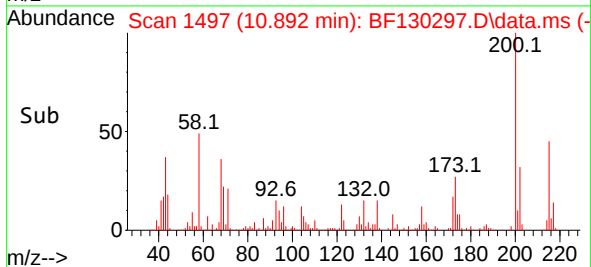
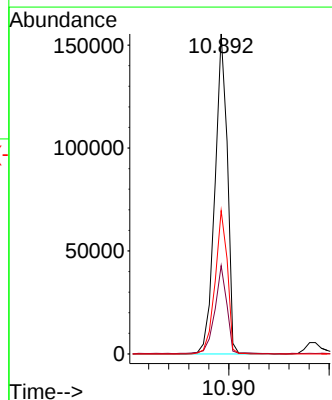
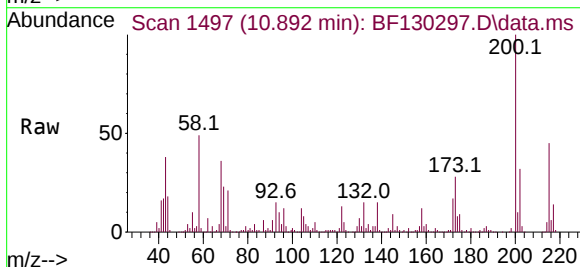
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

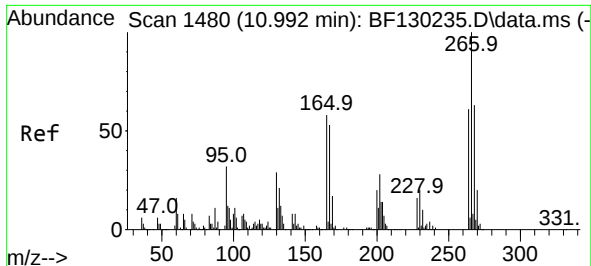
Tgt Ion:284 Resp: 170944
Ion Ratio Lower Upper
284 100
142 30.0 27.2 40.8
249 28.6 23.8 35.8



#69
Atrazine
Concen: 49.804 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:200 Resp: 133630
Ion Ratio Lower Upper
200 100
173 27.6 6.2 46.2
215 44.8 22.5 62.5





#70

Pentachlorophenol

Concen: 19.927 ng

RT: 10.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

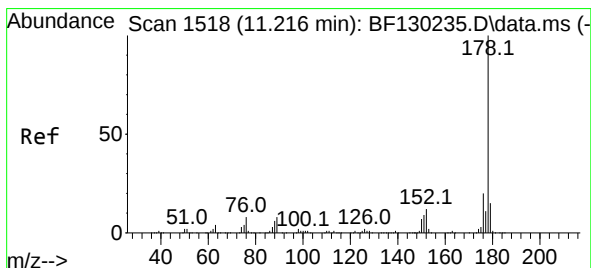
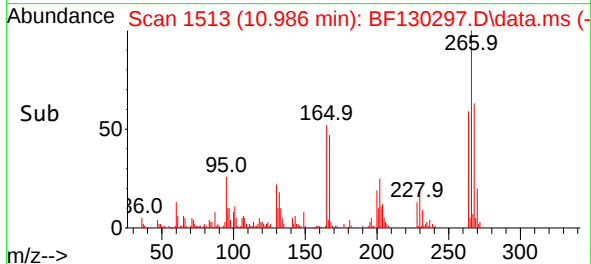
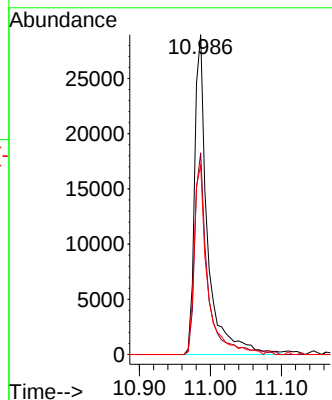
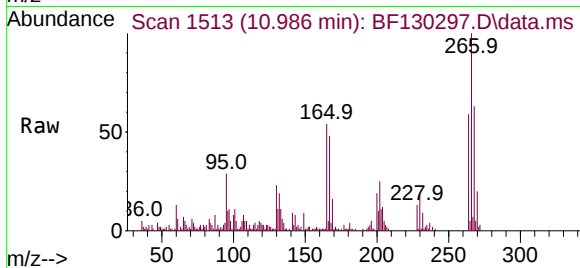
Tgt Ion:266 Resp: 36744

Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 59.2 50.5 75.7



#71

Phenanthrene

Concen: 44.000 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

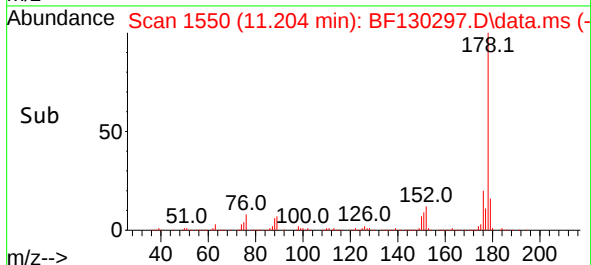
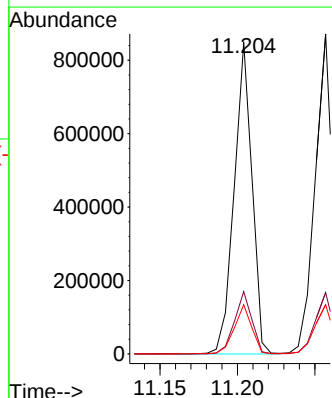
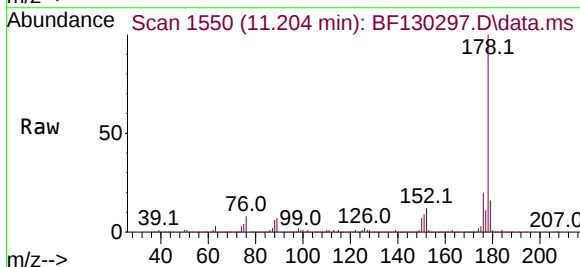
Tgt Ion:178 Resp: 678735

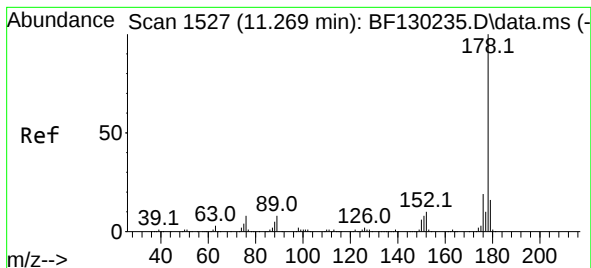
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

179 15.8 12.4 18.6





#72

Anthracene

Concen: 45.835 ng

RT: 11.257 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

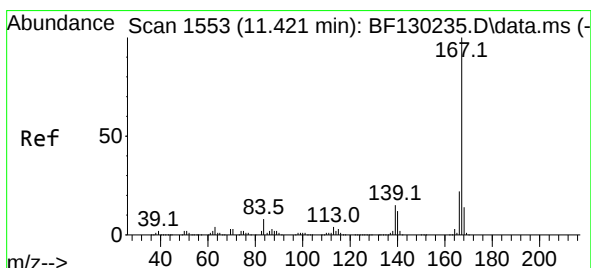
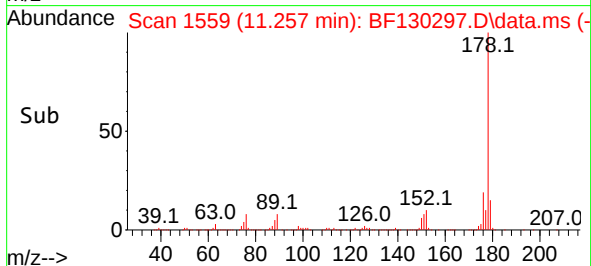
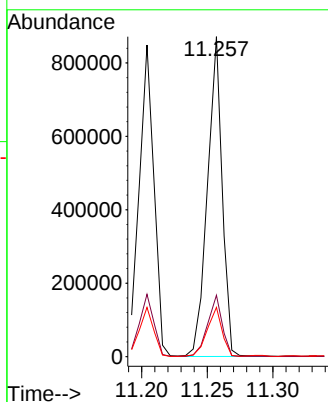
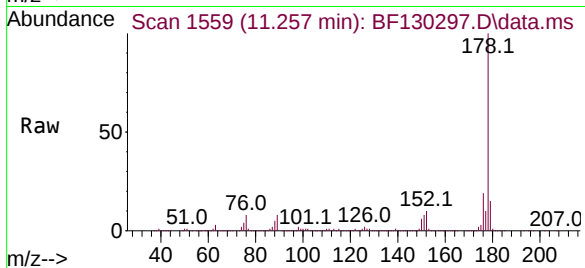
Tgt Ion:178 Resp: 682314

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 15.4 12.7 19.1



#73

Carbazole

Concen: 43.732 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

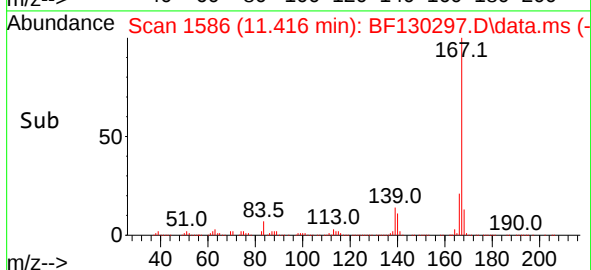
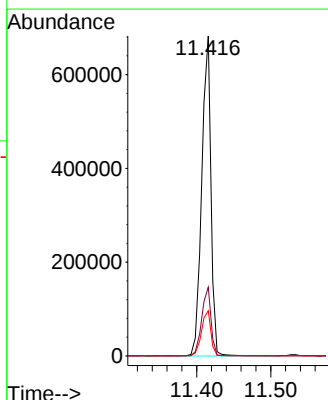
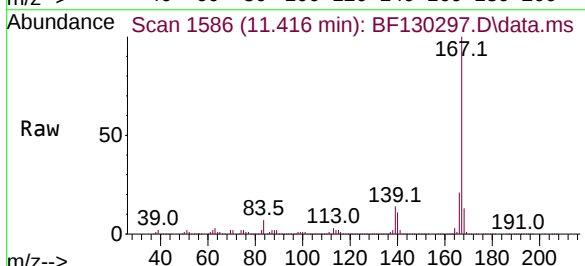
Tgt Ion:167 Resp: 587522

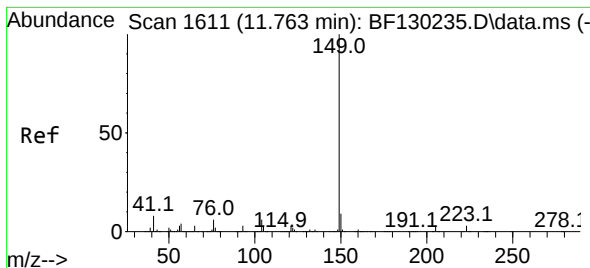
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 14.1 11.6 17.4





#74

Di-n-butylphthalate

Concen: 44.076 ng

RT: 11.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

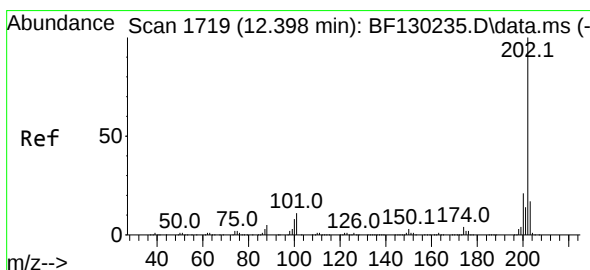
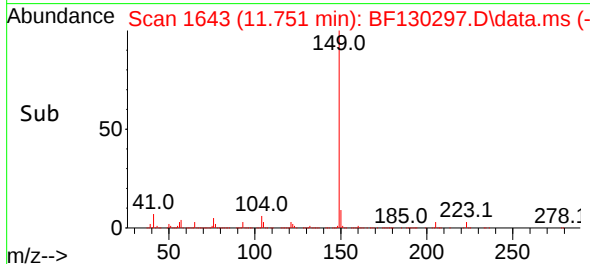
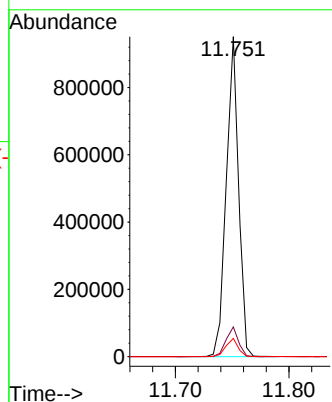
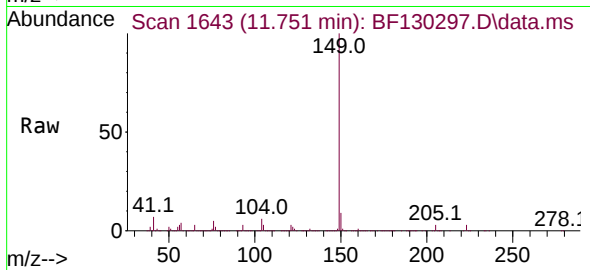
Tgt Ion:149 Resp: 714056

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.7 4.8 7.2



#75

Fluoranthene

Concen: 39.668 ng

RT: 12.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

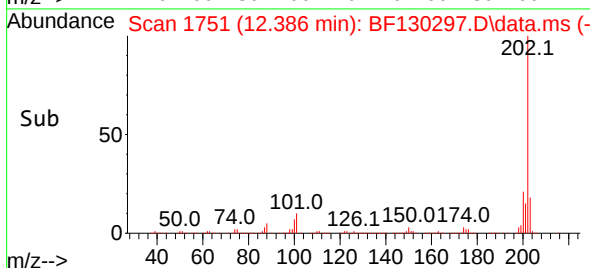
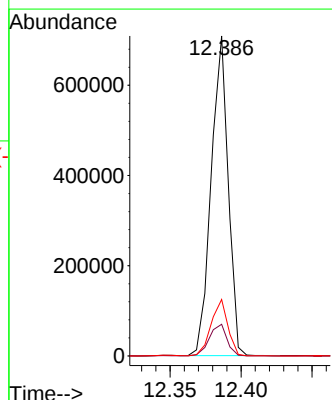
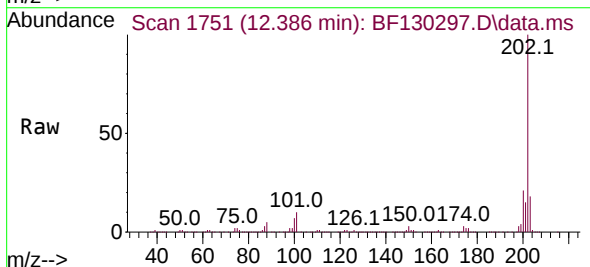
Tgt Ion:202 Resp: 591281

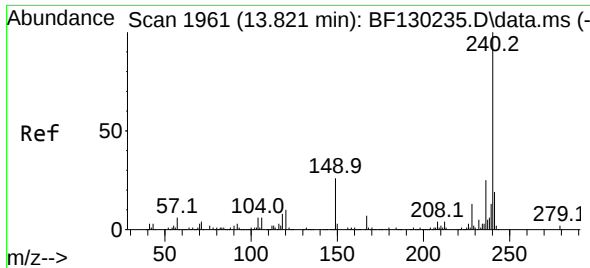
Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.8

203 17.6 0.0 37.8

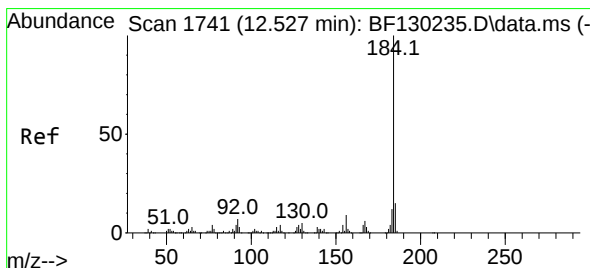
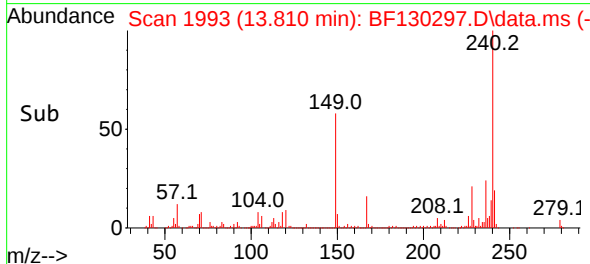
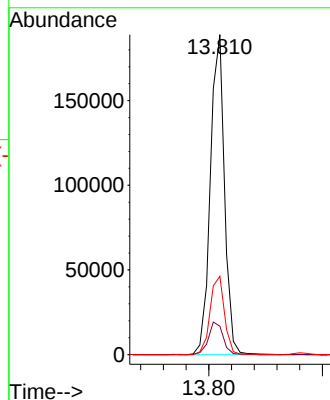
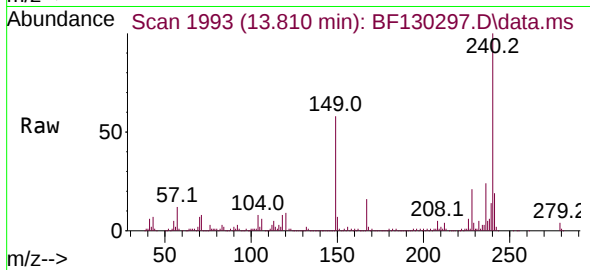




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

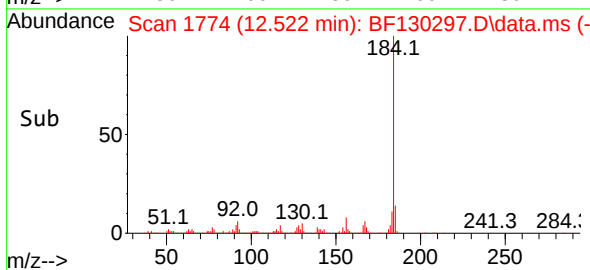
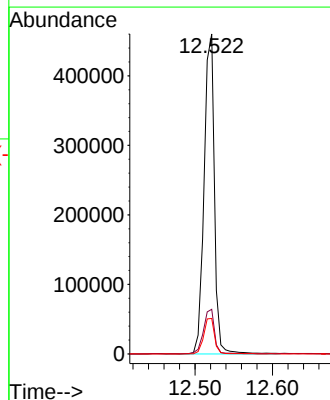
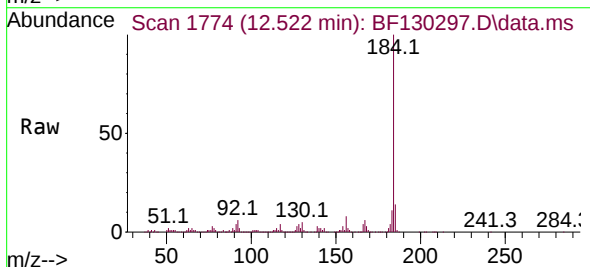
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

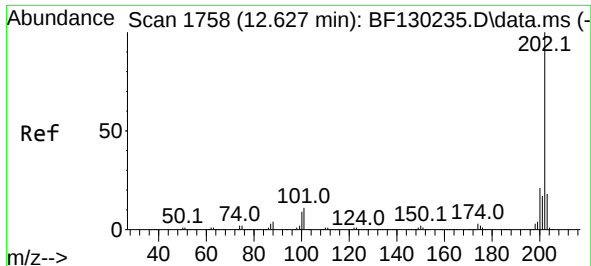
Tgt Ion:240 Resp: 163617
Ion Ratio Lower Upper
240 100
120 8.9 8.7 13.1
236 24.5 20.9 31.3



#77
Benzidine
Concen: 89.659 ng
RT: 12.522 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:184 Resp: 425847
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 11.1 9.1 13.7

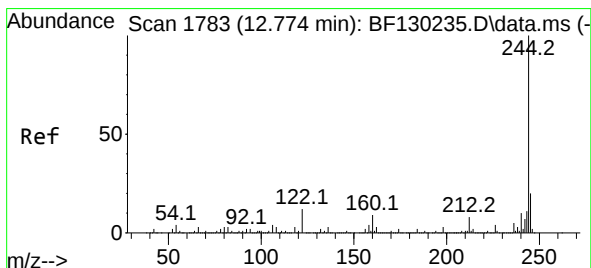
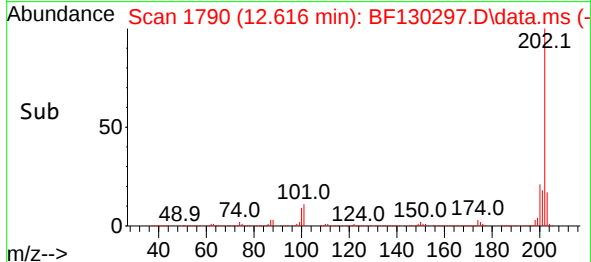
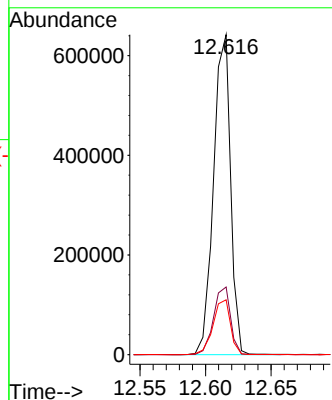
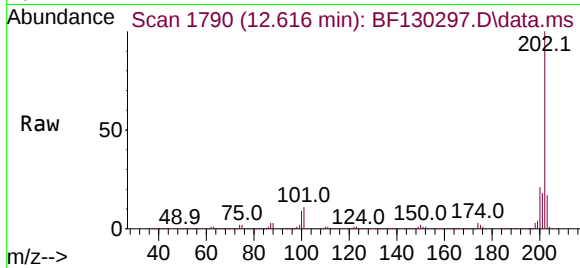




#78
 Pyrene
 Concen: 40.472 ng
 RT: 12.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

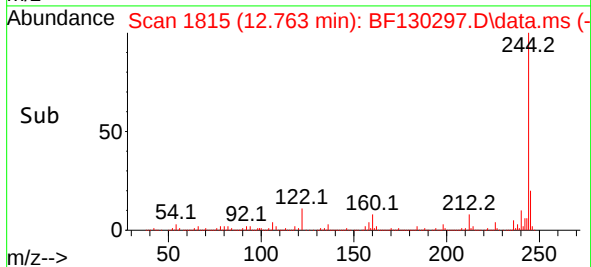
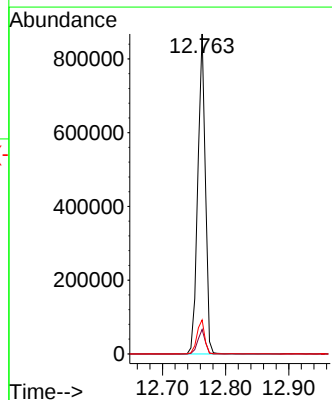
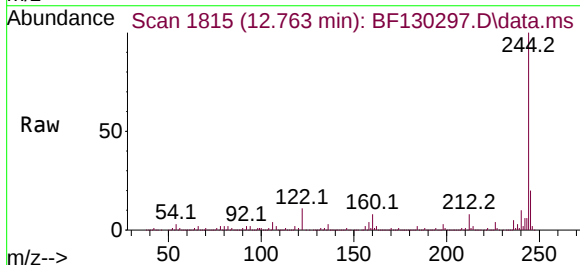
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

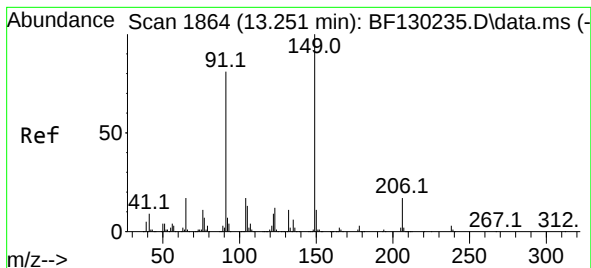
Tgt Ion:202 Resp: 579294
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 17.1 14.3 21.5



#79
 Terphenyl-d14
 Concen: 73.400 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

Tgt Ion:244 Resp: 724993
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.6 8.5 12.7





#80

Butylbenzylphthalate

Concen: 43.863 ng

RT: 13.245 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

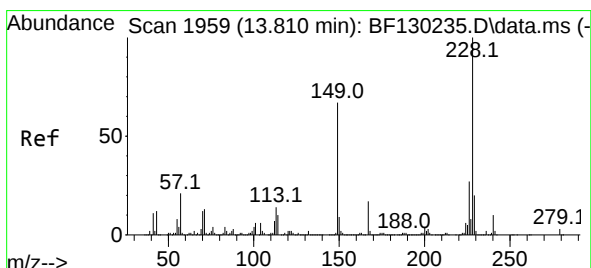
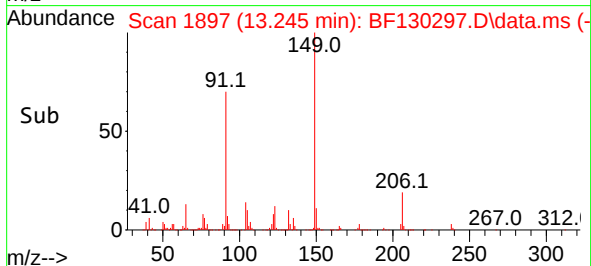
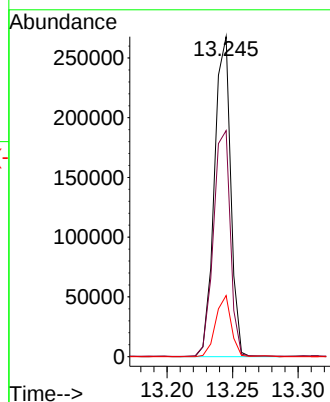
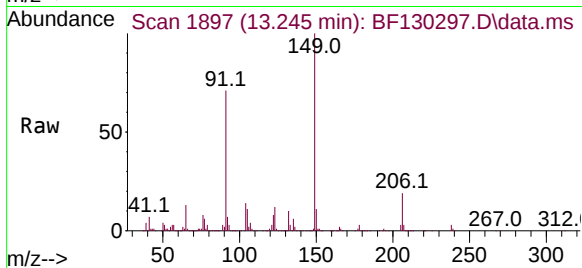
Tgt Ion:149 Resp: 232585

Ion Ratio Lower Upper

149 100

91 70.6 59.8 89.8

206 19.1 13.9 20.9



#81

Benzo(a)anthracene

Concen: 45.360 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

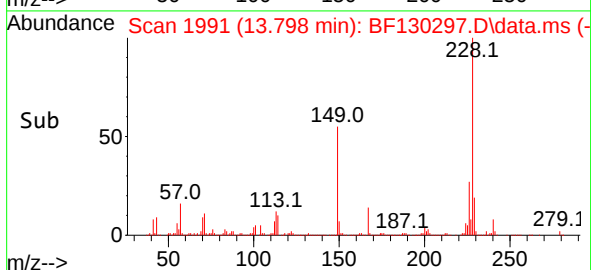
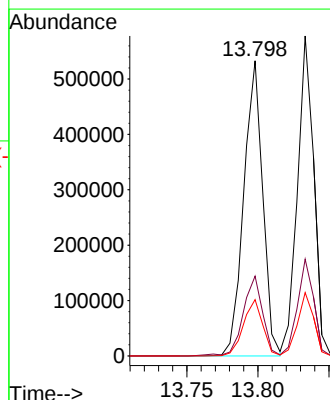
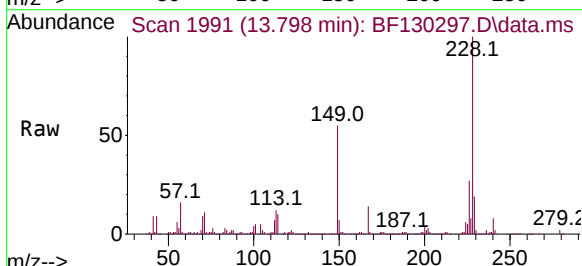
Tgt Ion:228 Resp: 493728

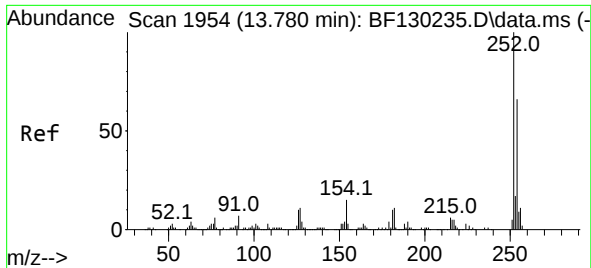
Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 19.1 16.1 24.1

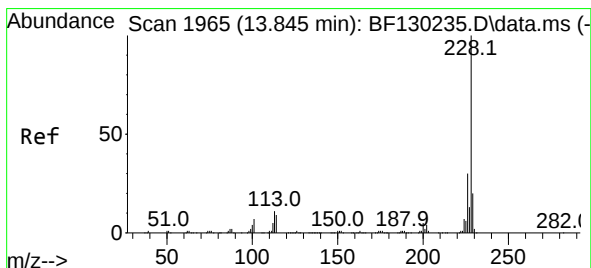
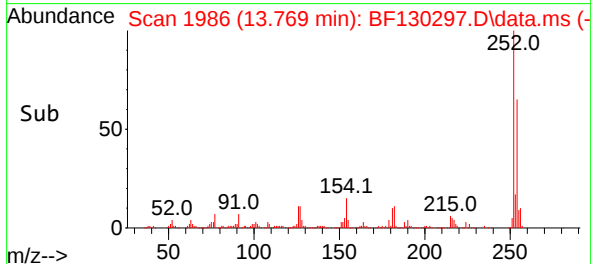
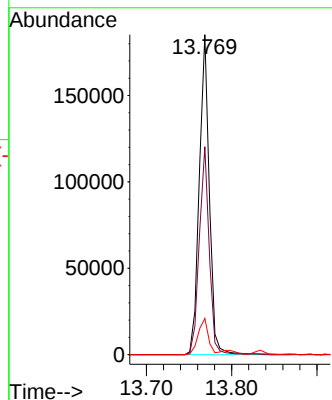
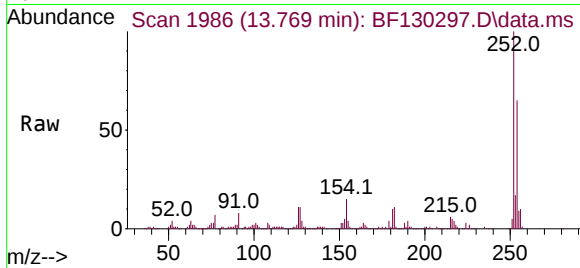




#82
 3,3'-Dichlorobenzidine
 Concen: 51.296 ng
 RT: 13.769 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

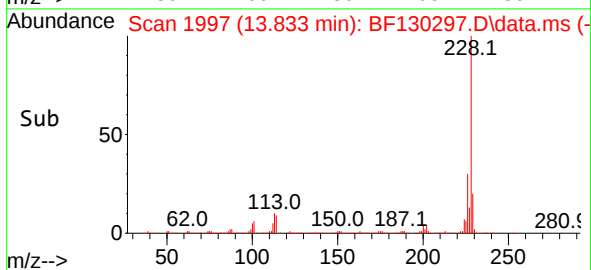
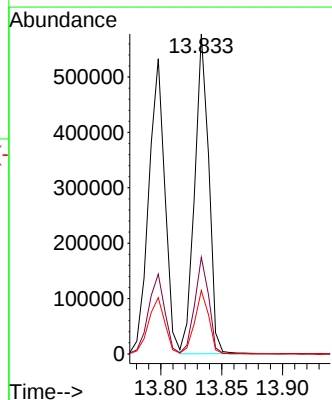
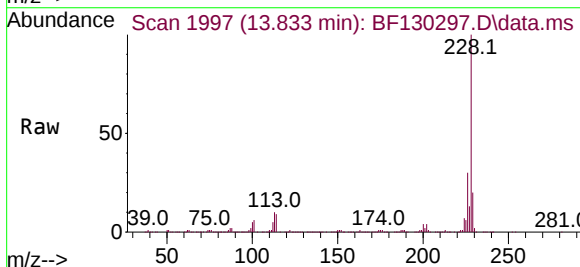
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

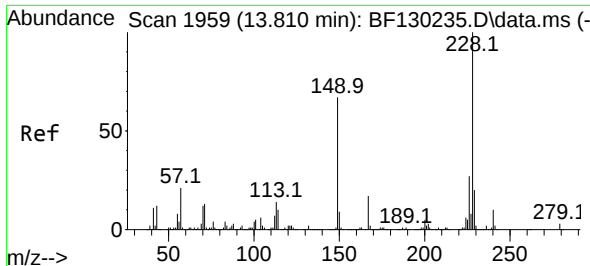
Tgt Ion:252 Resp: 151984
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.1 76.7
 126 11.3 10.4 15.6



#83
 Chrysene
 Concen: 44.931 ng
 RT: 13.833 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

Tgt Ion:228 Resp: 464355
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.8 35.8
 229 19.8 15.3 22.9

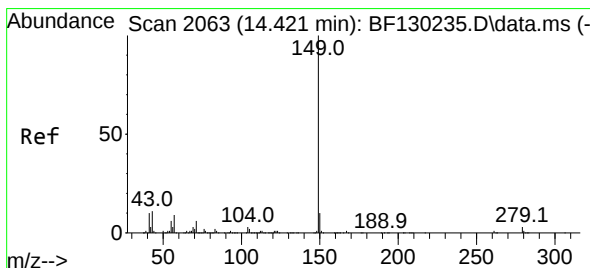
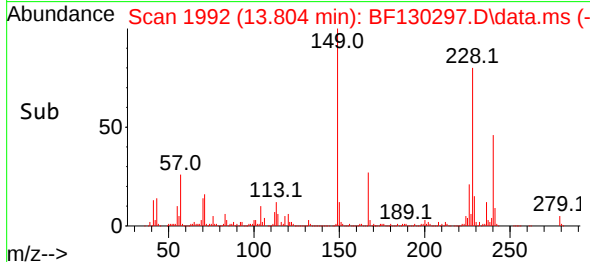
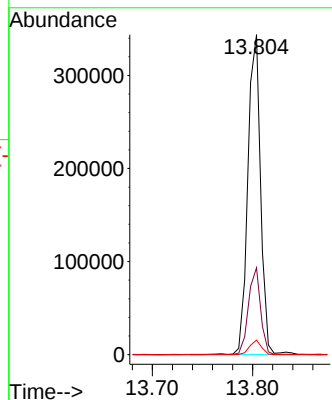
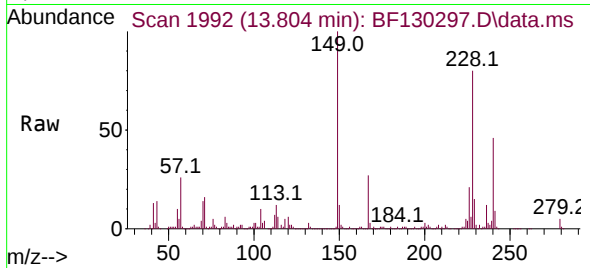




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.278 ng
RT: 13.804 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

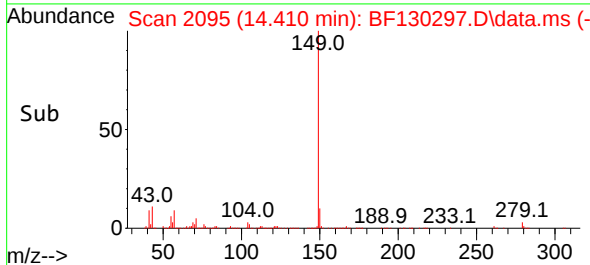
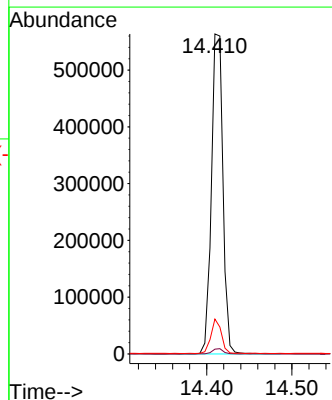
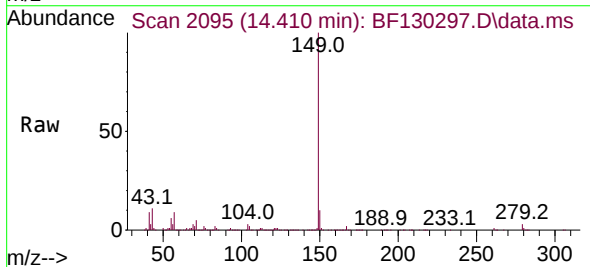
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

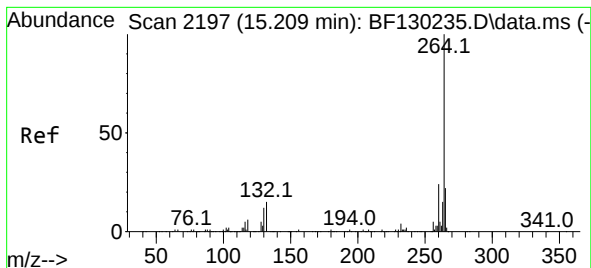
Tgt Ion:149 Resp: 299301
Ion Ratio Lower Upper
149 100
167 27.1 20.5 30.7
279 4.5 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 57.026 ng
RT: 14.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:149 Resp: 529754
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

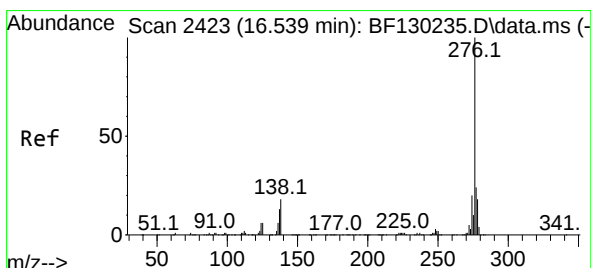
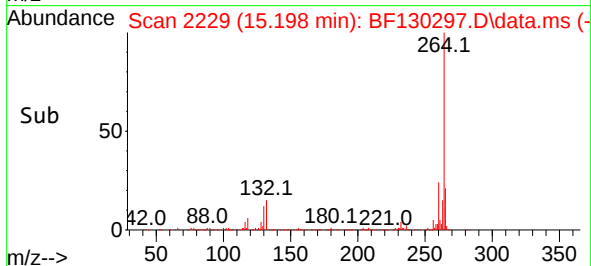
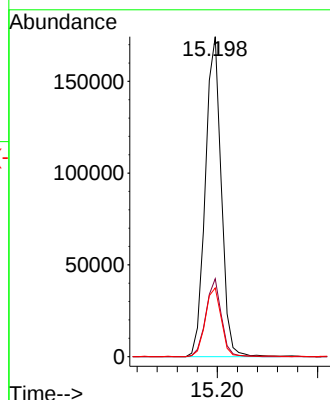
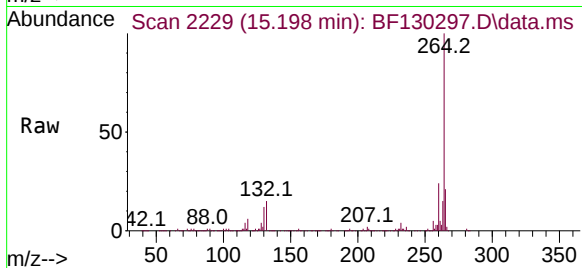
Tgt Ion:264 Resp: 190904

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.5 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.645 ng

RT: 16.521 min Scan# 2454

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

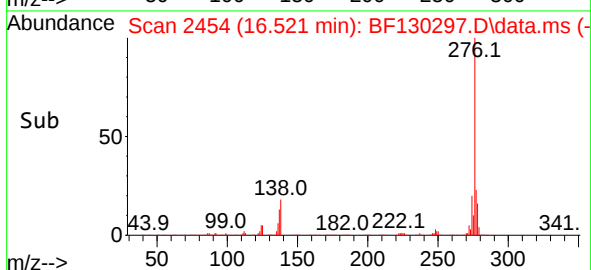
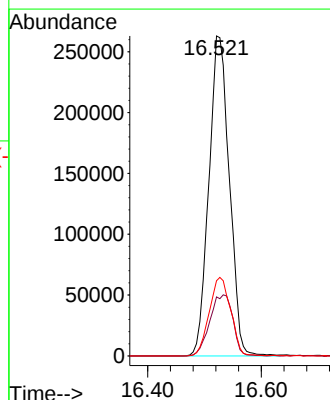
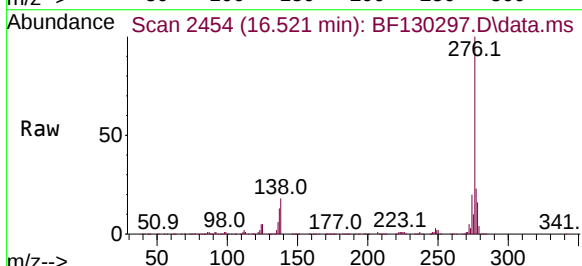
Tgt Ion:276 Resp: 658541

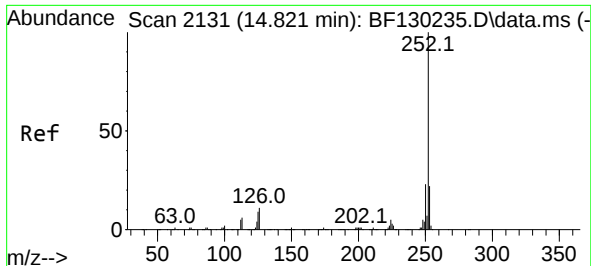
Ion Ratio Lower Upper

276 100

138 21.5 18.5 27.7

277 25.6 20.2 30.4

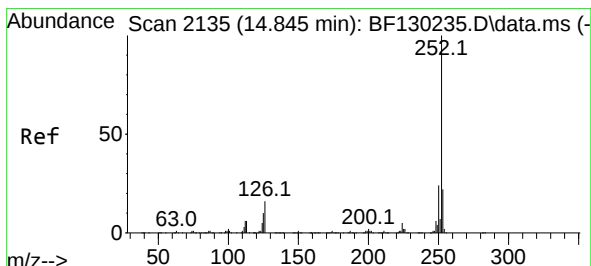
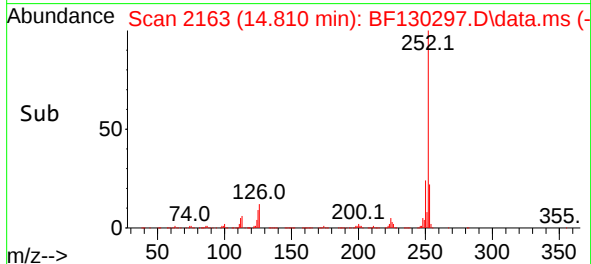
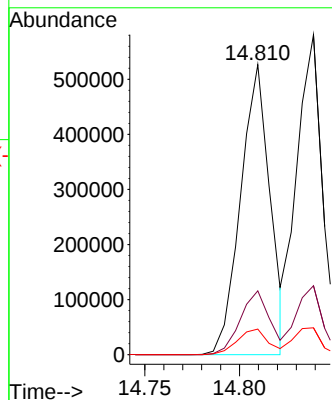
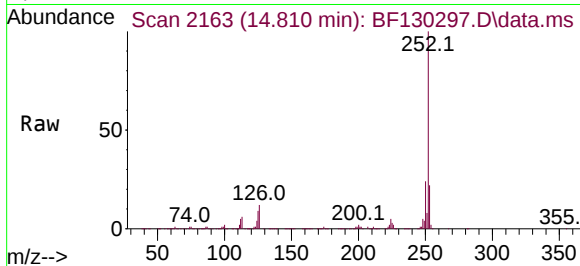




#88
Benzo(b)fluoranthene
Concen: 45.720 ng
RT: 14.810 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

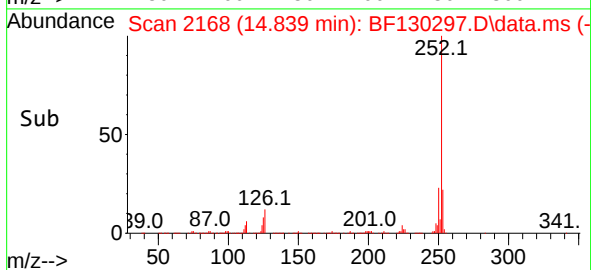
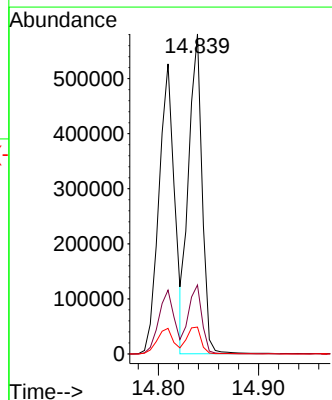
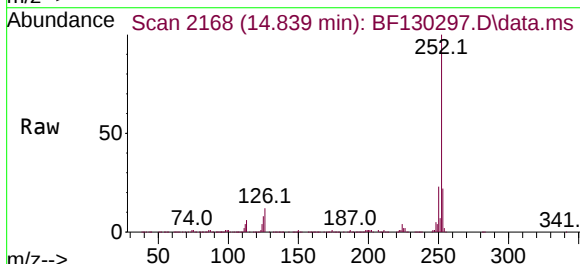
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

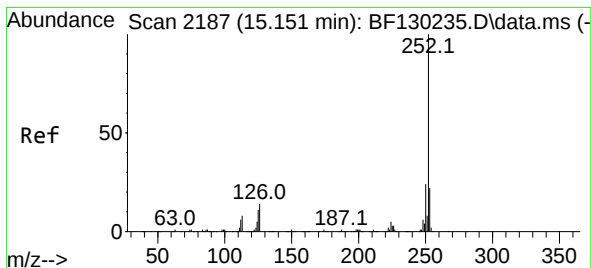
Tgt Ion:252 Resp: 569682
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.8 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 44.271 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:252 Resp: 542630
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.4 7.9 11.9





#90

Benzo(a)pyrene

Concen: 50.289 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

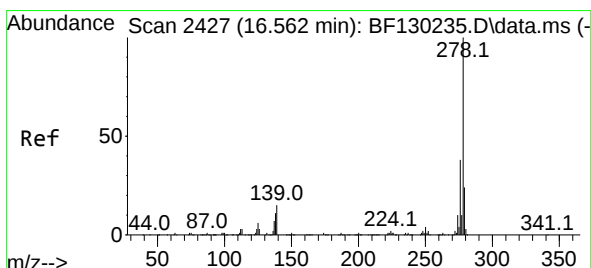
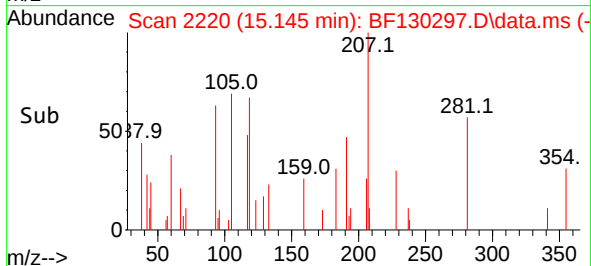
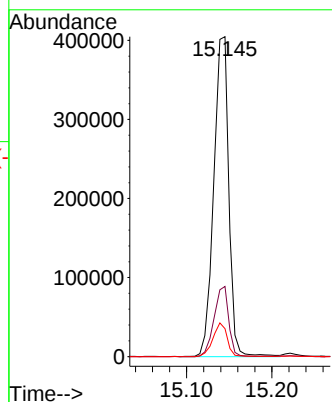
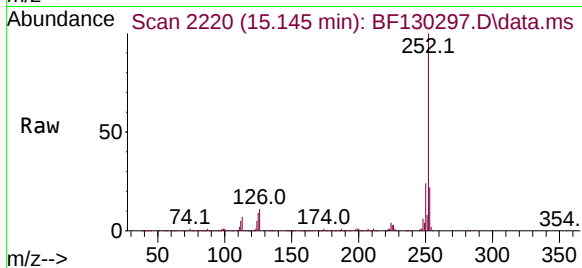
Tgt Ion:252 Resp: 496428

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.7 9.0 13.6#



#91

Dibenzo(a,h)anthracene

Concen: 51.514 ng

RT: 16.545 min Scan# 2458

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

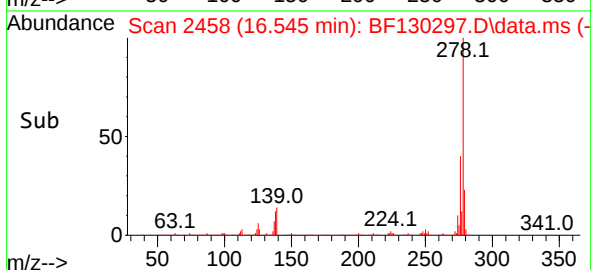
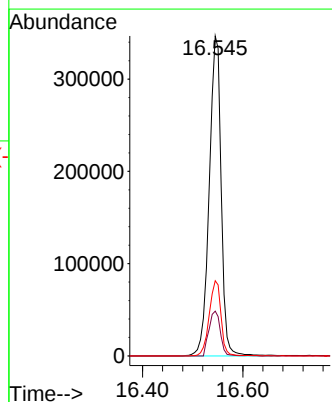
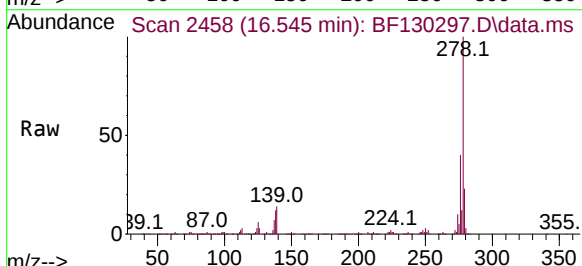
Tgt Ion:278 Resp: 572103

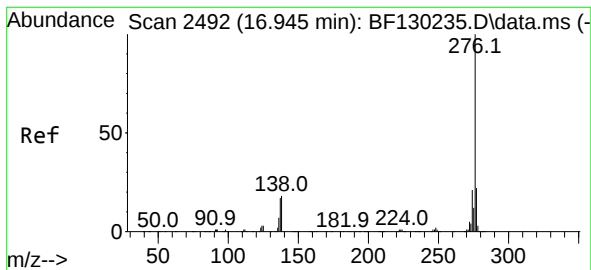
Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

279 23.5 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 50.008 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130297.D

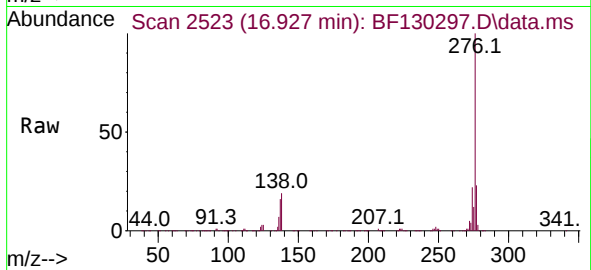
Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD



Tgt Ion:276 Resp: 559460

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 19.0 14.6 21.8

