

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
32) Benzoic acid	7.610	122	194377	53.641	ng	# 12
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

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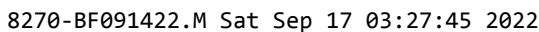
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	116008	30.779	ng	97
46) 1,1'-Biphenyl	9.128	154	642525	46.914	ng	99
47) 2-Chloronaphthalene	9.151	162	493655	44.558	ng	98
48) 2-Nitroaniline	9.251	65	155198	42.000	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
54) 2,4-Dinitrophenol	10.016	184	142	6.345	ng	# 1
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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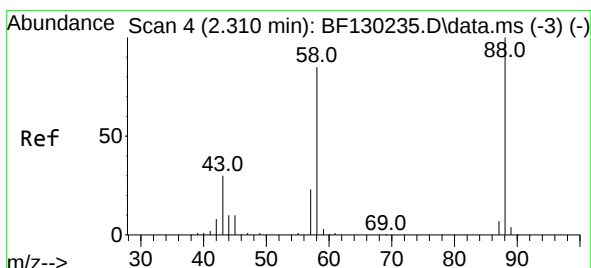
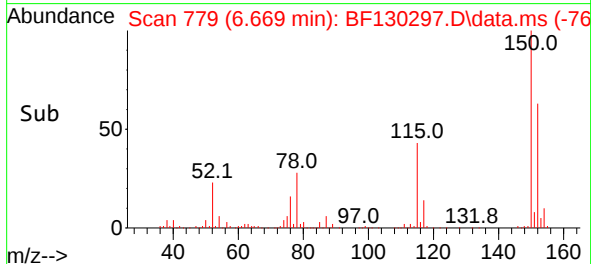
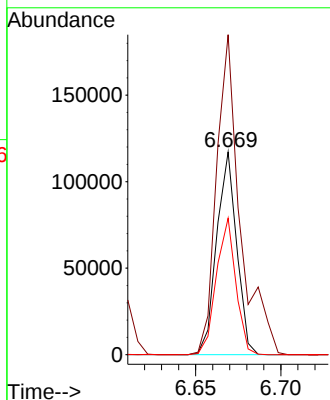
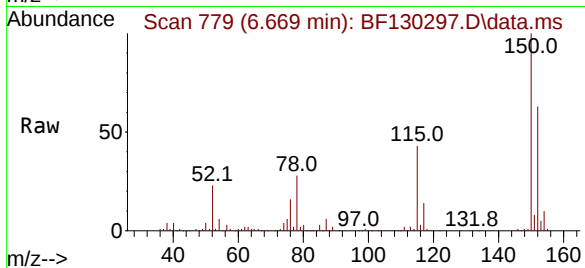




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

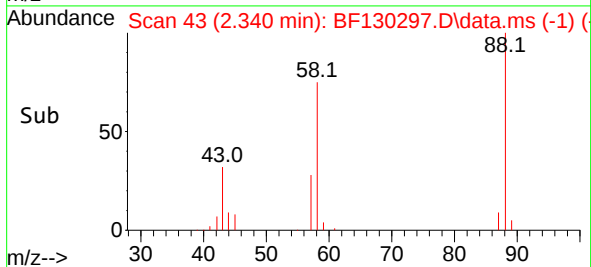
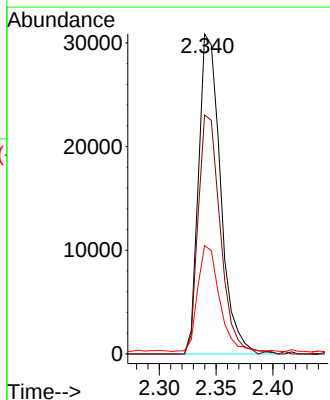
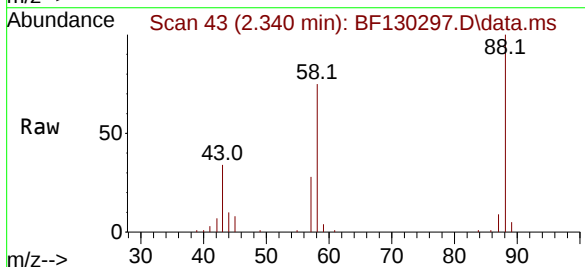
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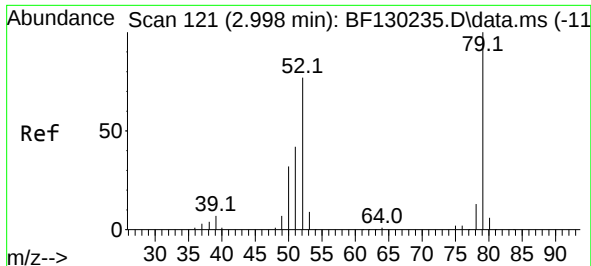
Tgt Ion:152 Resp: 95632
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.8 184.2
 115 67.3 53.8 80.8



#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# 1

Delta R.T. 0.035 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

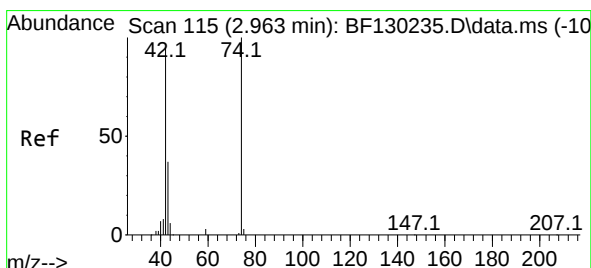
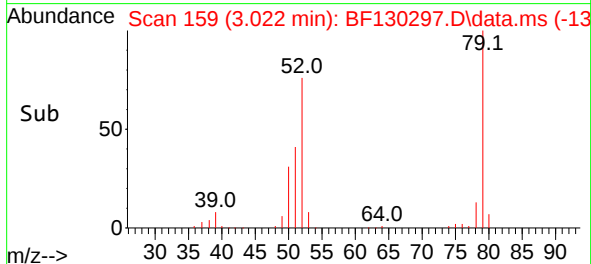
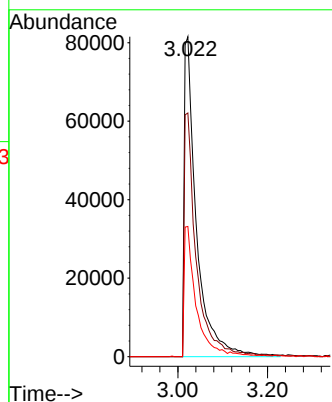
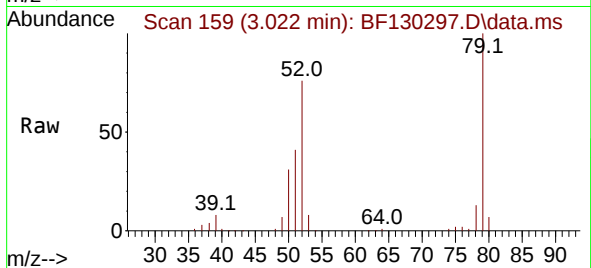
Tgt Ion: 79 Resp: 154754

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

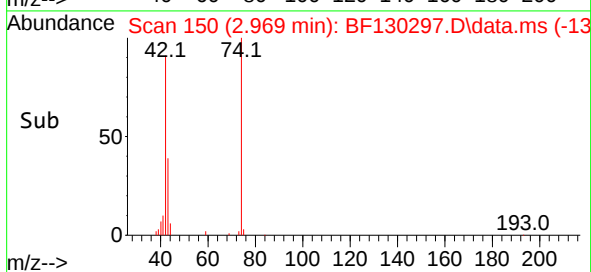
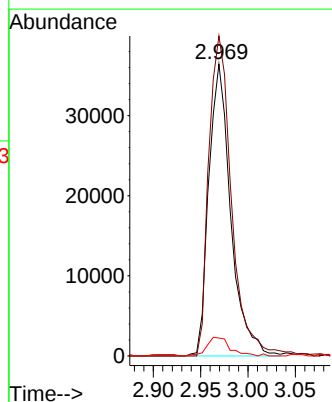
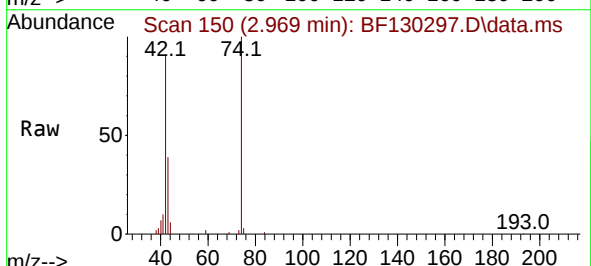
Tgt Ion: 42 Resp: 58872

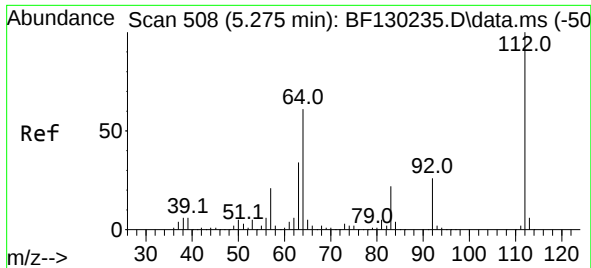
Ion Ratio Lower Upper

42 100

74 109.7 88.4 132.6

44 6.1 5.0 7.4

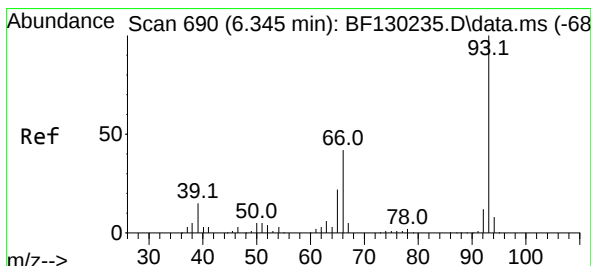
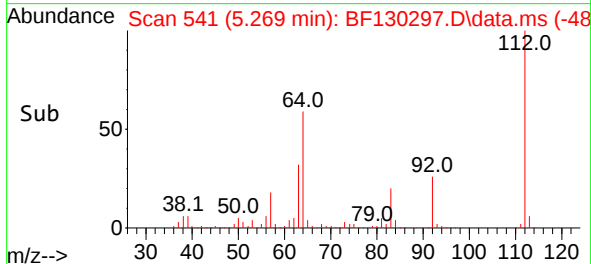
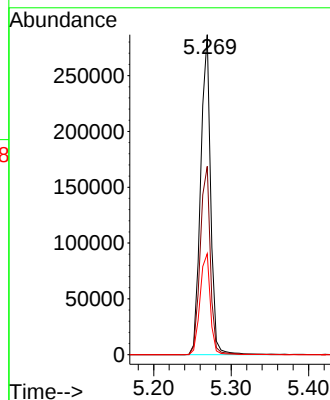
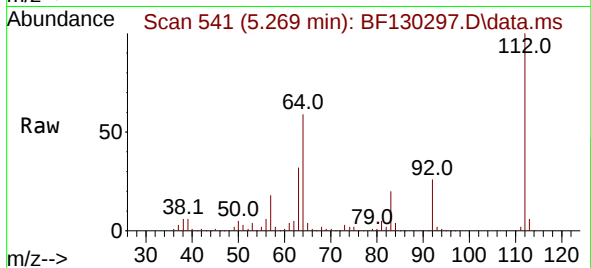




#5
2-Fluorophenol
Concen: 46.414 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

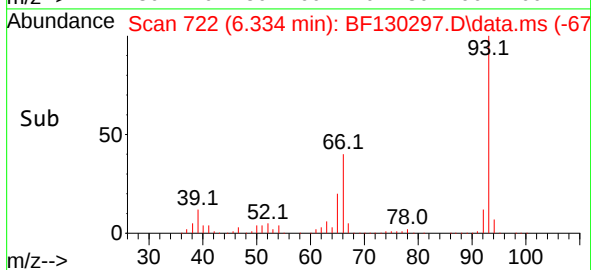
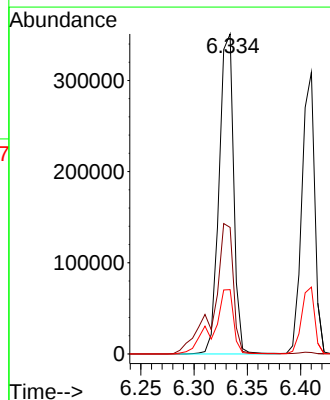
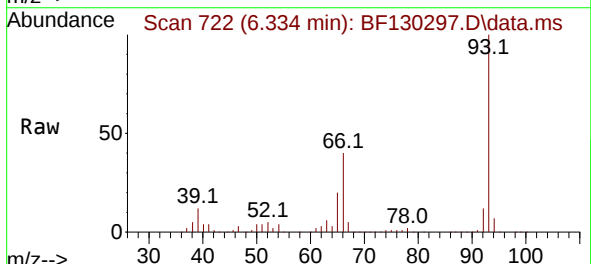
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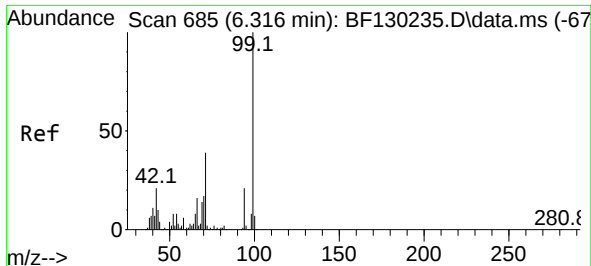
Tgt Ion:112 Resp: 255911
Ion Ratio Lower Upper
112 100
64 58.9 51.4 77.0
63 31.5 28.8 43.2



#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

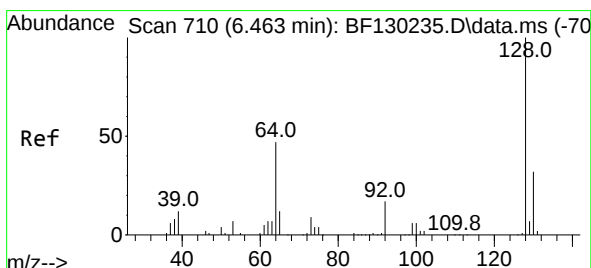
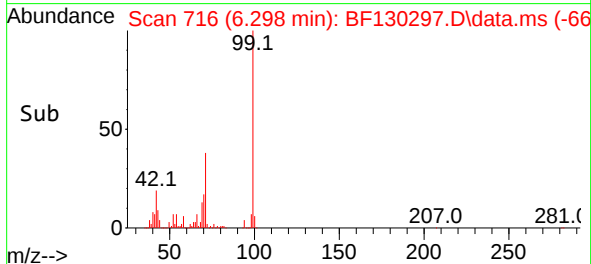
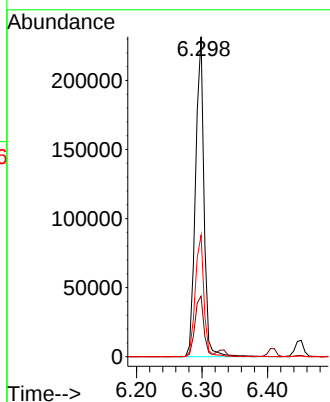
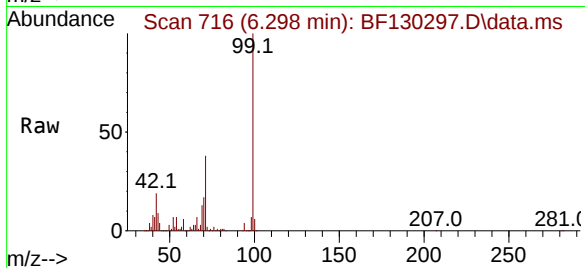




#7
Phenol-d6
Concen: 30.385 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

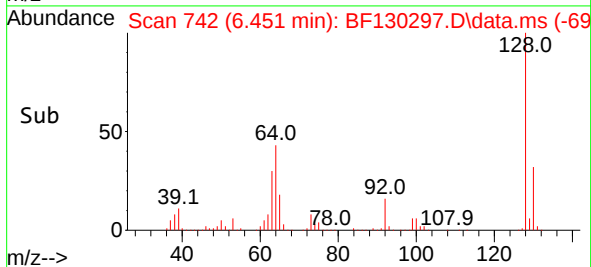
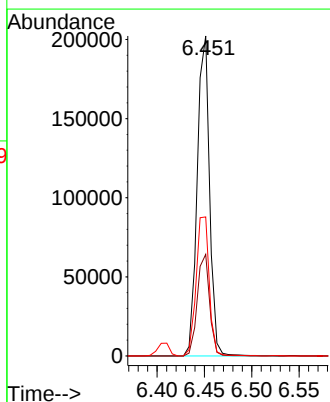
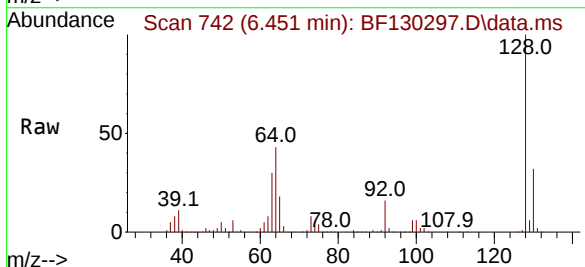
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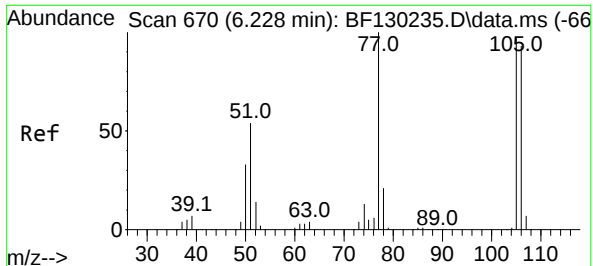
Tgt Ion: 99 Resp: 209618
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 37.9 32.3 48.5



#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

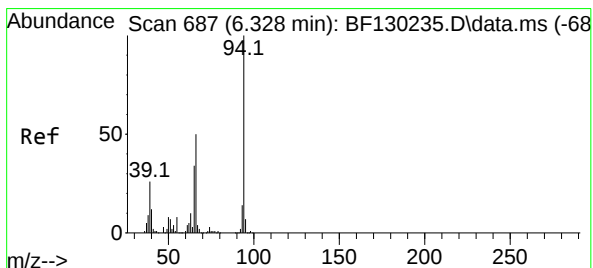
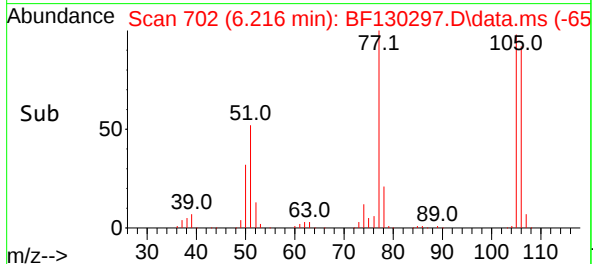
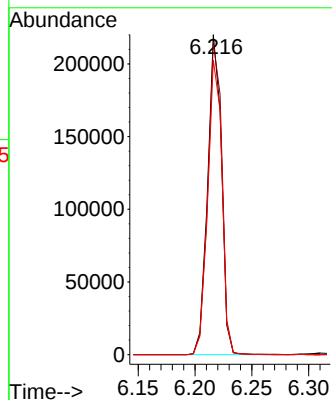
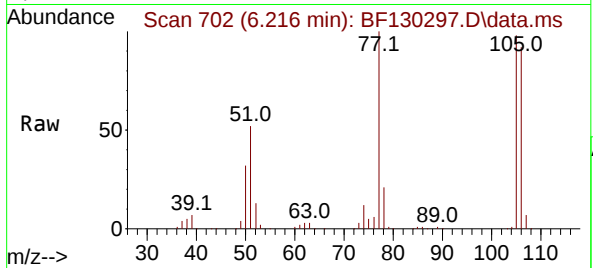




#9
Benzaldehyde
Concen: 40.073 ng
RT: 6.216 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

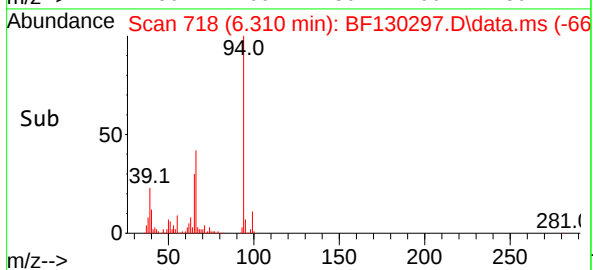
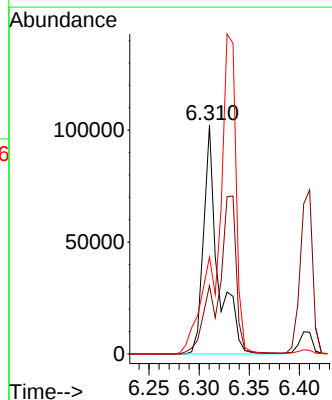
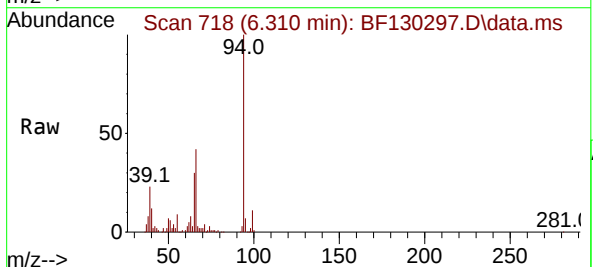
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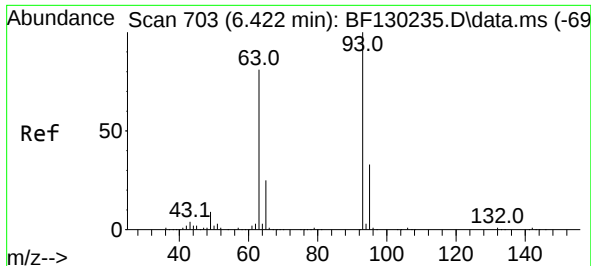
Tgt Ion: 77 Resp: 185184
Ion Ratio Lower Upper
77 100
105 97.7 75.1 115.1
106 92.1 69.7 109.7



#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

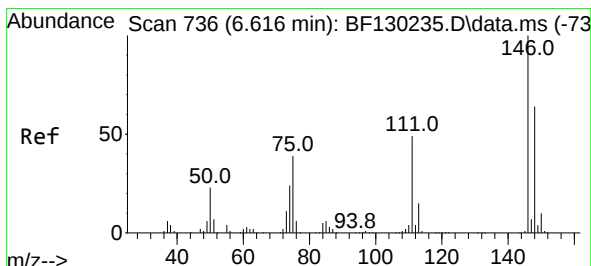
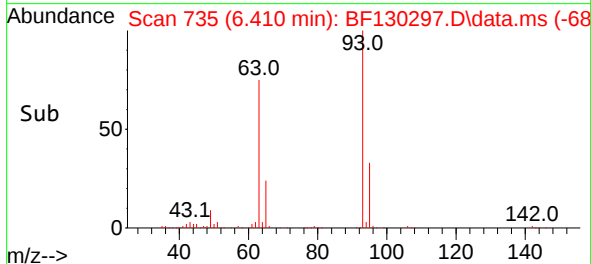
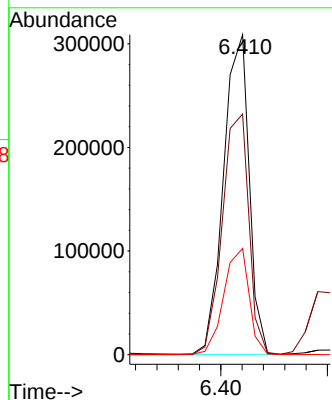
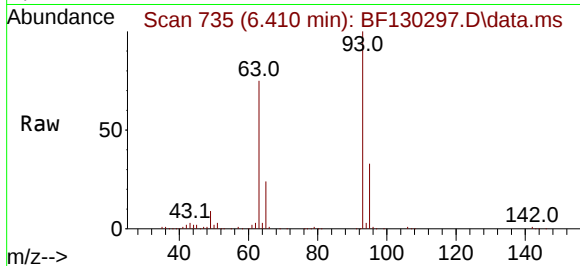




#11
bis(2-Chloroethyl)ether
Concen: 44.223 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

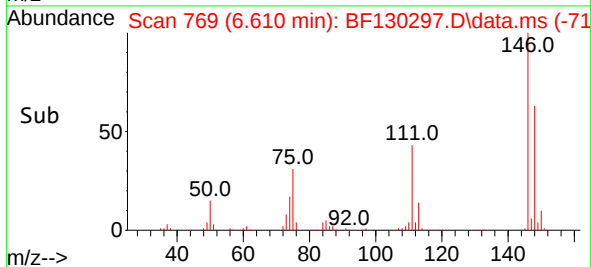
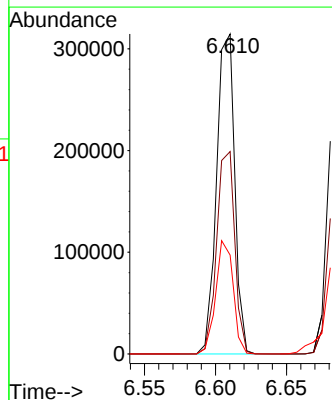
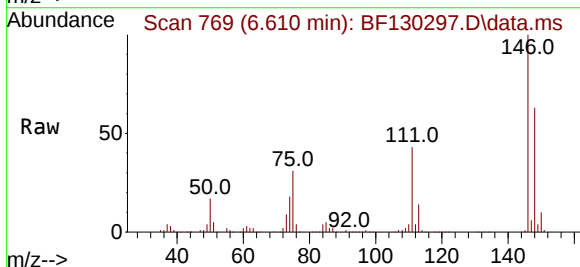
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

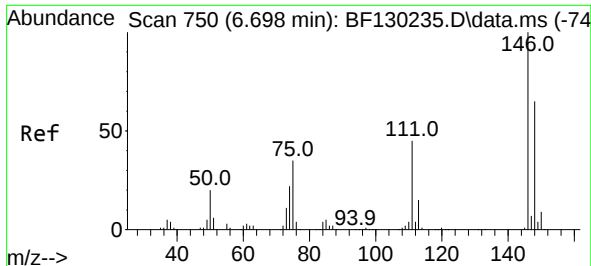
Tgt Ion: 93 Resp: 257885
Ion Ratio Lower Upper
93 100
63 75.2 62.5 102.5
95 33.2 12.5 52.5



#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

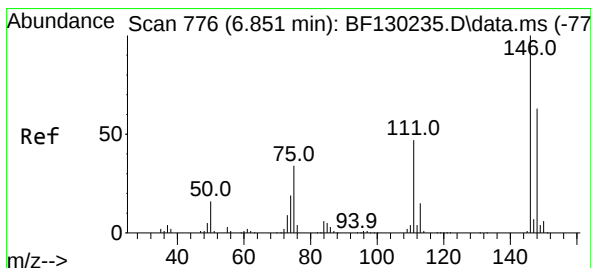
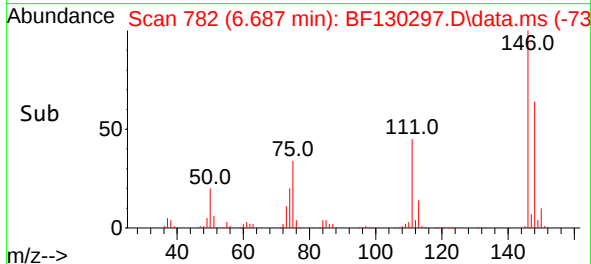
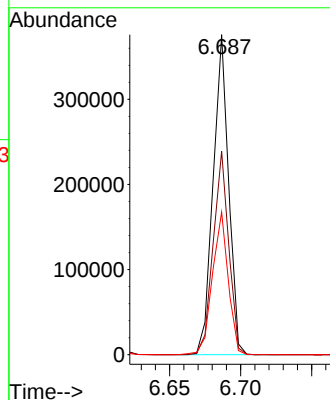
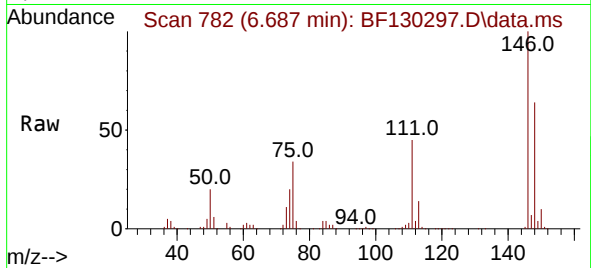




#13
1,4-Dichlorobenzene
Concen: 40.347 ng
RT: 6.687 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

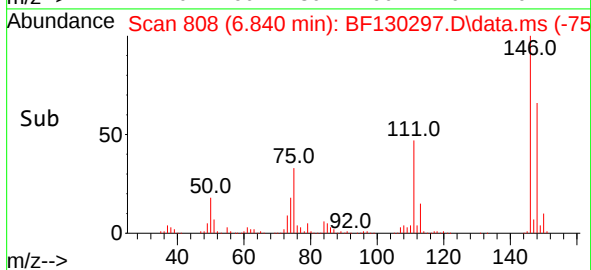
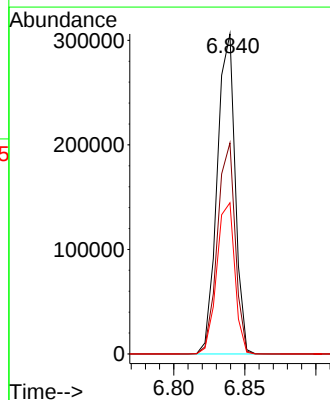
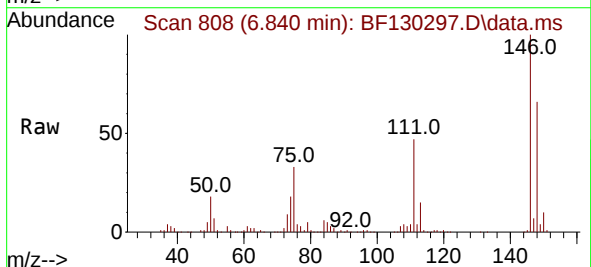
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

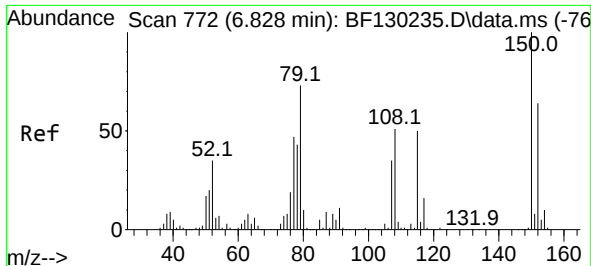
Tgt Ion:146 Resp: 284342
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 44.6 36.3 54.5



#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

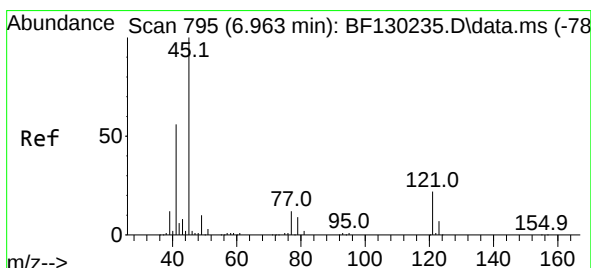
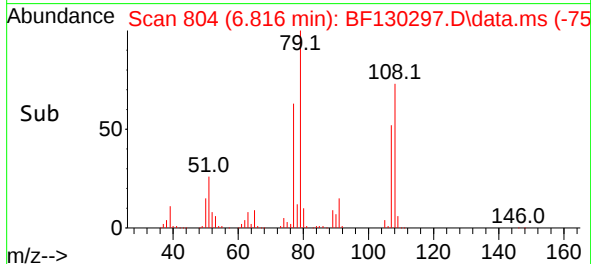
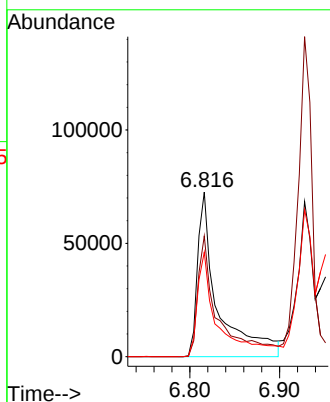
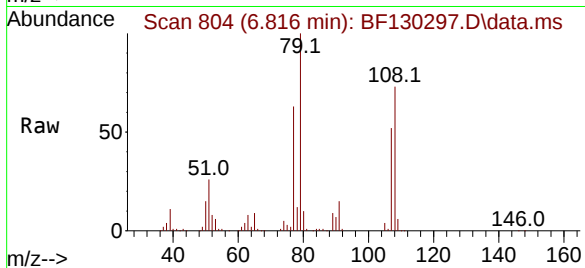




#15
Benzyl Alcohol
Concen: 20.881 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

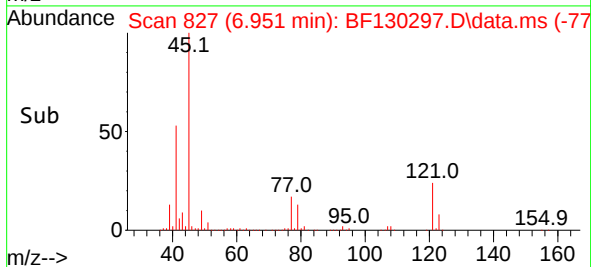
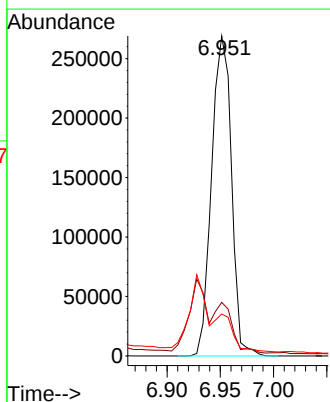
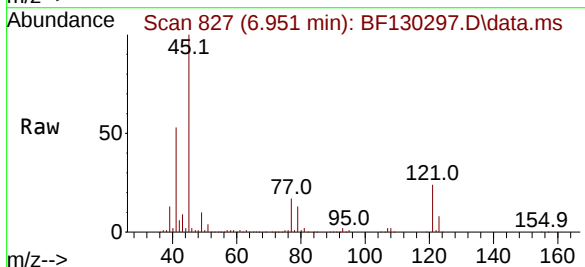
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

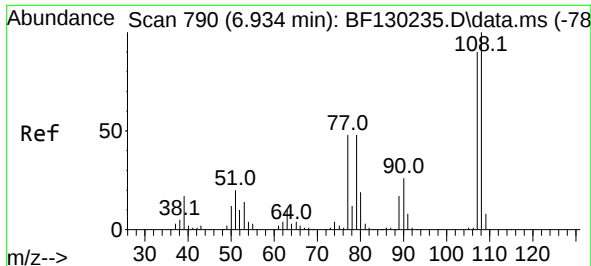
Tgt Ion: 79 Resp: 114217
Ion Ratio Lower Upper
79 100
108 73.2 54.0 81.0
77 63.5 51.3 76.9



#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

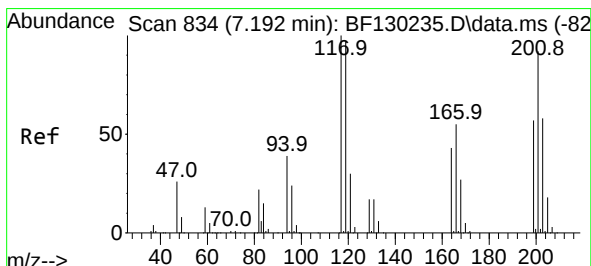
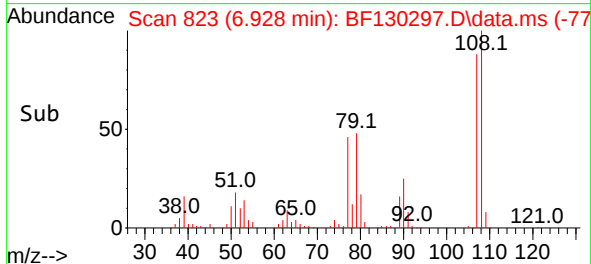
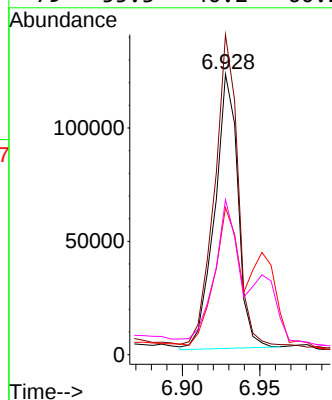
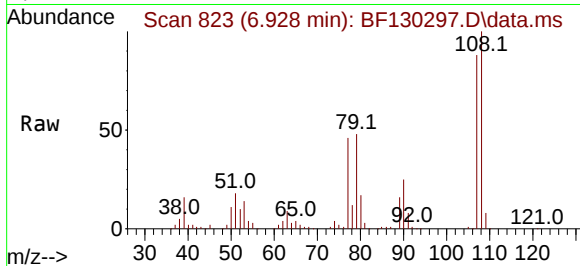




#17
2-Methylphenol
Concen: 24.785 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

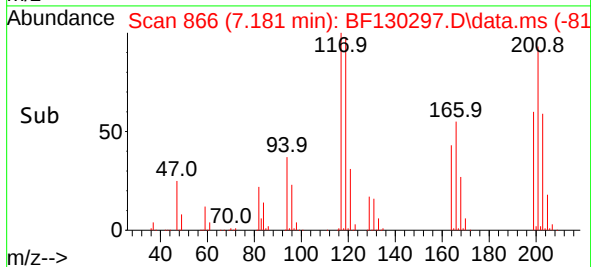
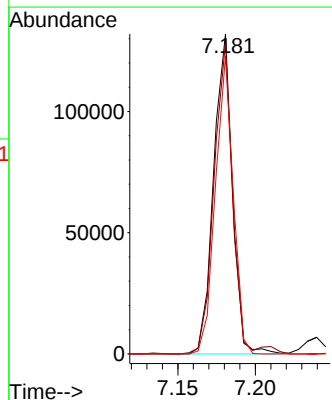
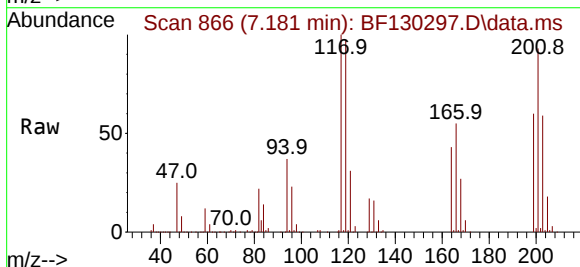
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

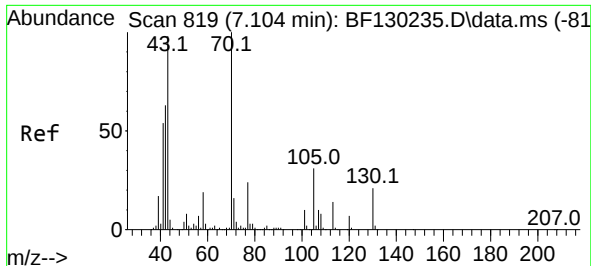
Tgt Ion:107 Resp: 126542
Ion Ratio Lower Upper
107 100
108 114.0 89.4 134.0
77 52.4 40.6 60.8
79 55.3 40.2 60.2



#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



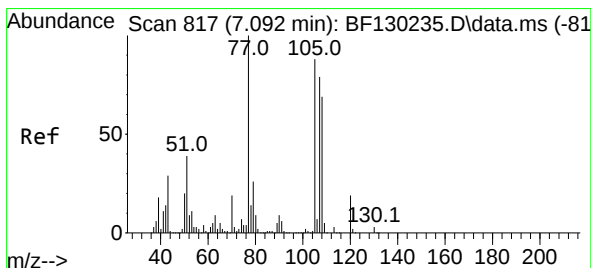
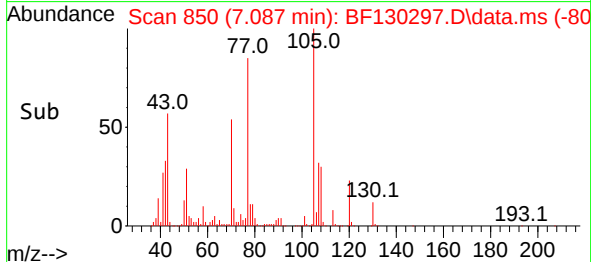
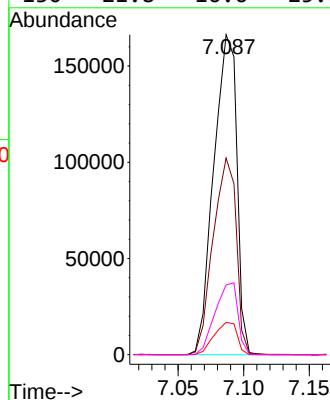
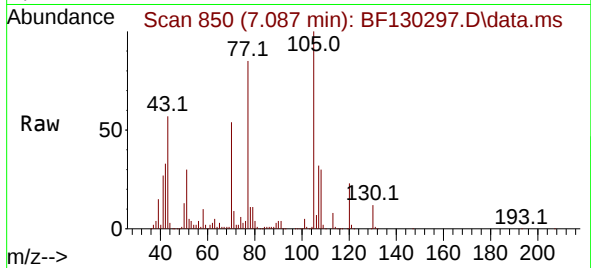


#19
n-Nitroso-di-n-propylamine
Concen: 43.721 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
HW-43MSD

Tgt Ion: 70 Resp: 203529

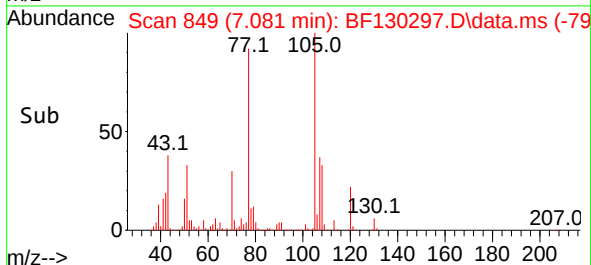
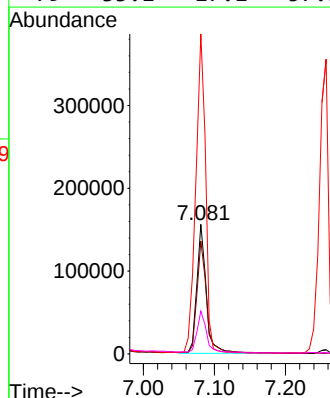
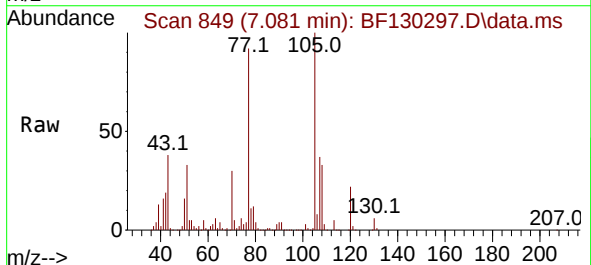
Ion	Ratio	Lower	Upper
70	100		
42	61.5	50.8	76.2
101	10.1	8.2	12.4
130	21.8	16.6	25.0

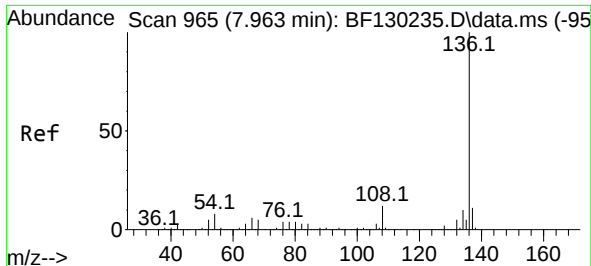


#20
3+4-Methylphenols
Concen: 21.886 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

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

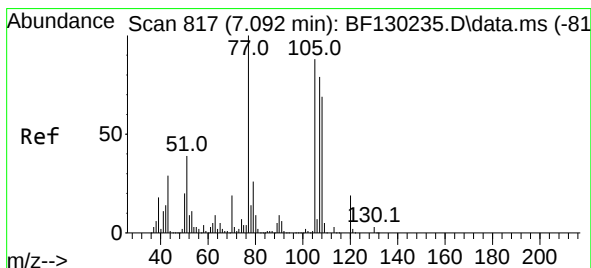
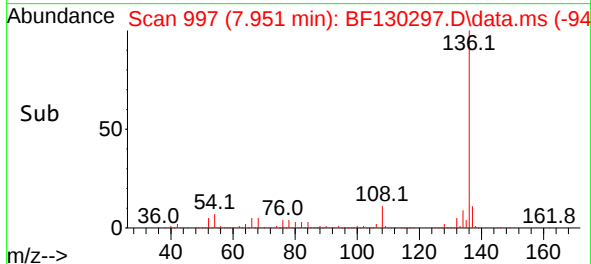
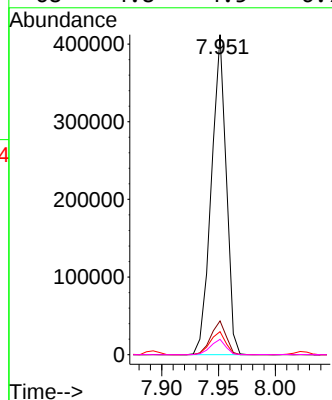
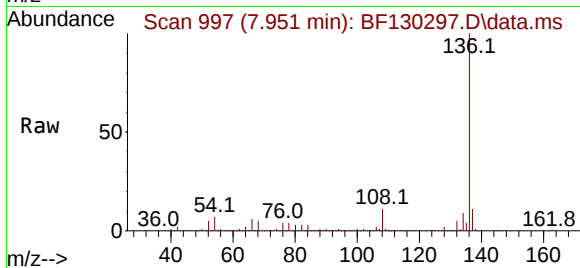




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

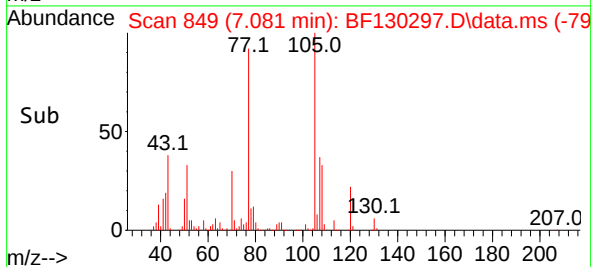
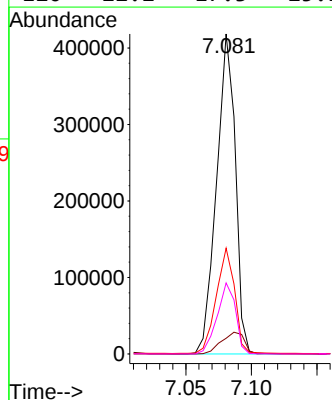
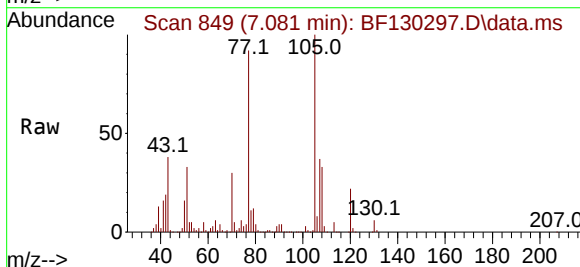
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

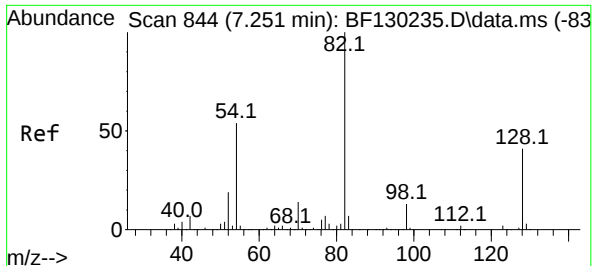
Tgt Ion:	136	Resp:	373523
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.2	7.1	10.7
68	4.8	4.5	6.7



#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

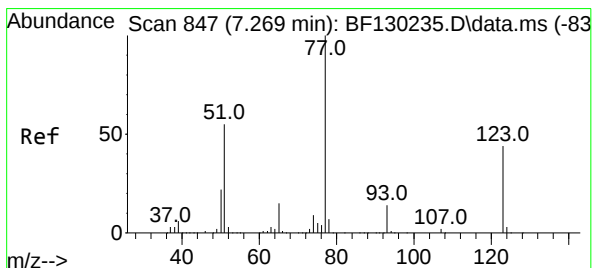
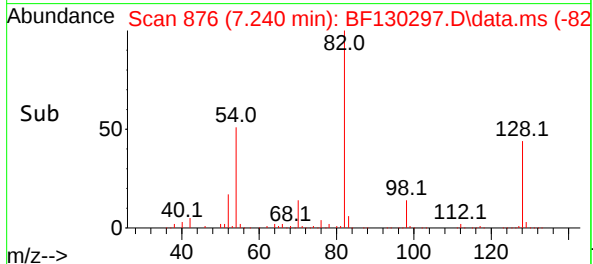
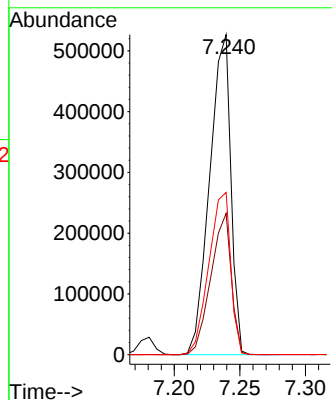
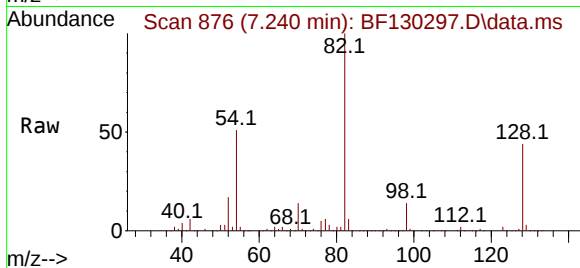




#23
Nitrobenzene-d5
Concen: 80.946 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

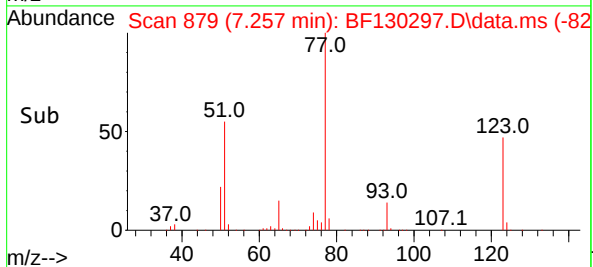
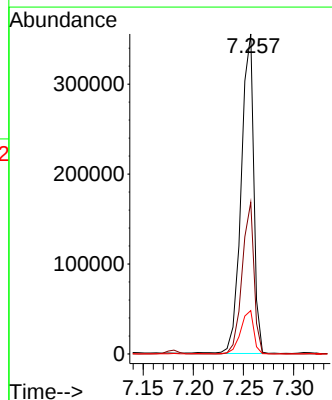
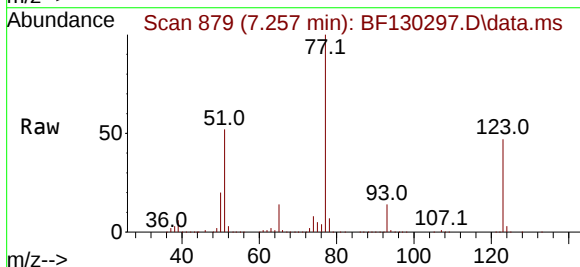
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

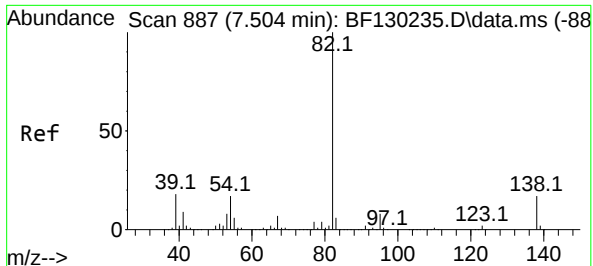
Tgt Ion: 82 Resp: 591821
Ion Ratio Lower Upper
82 100
128 44.1 32.6 49.0
54 50.7 43.8 65.6



#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

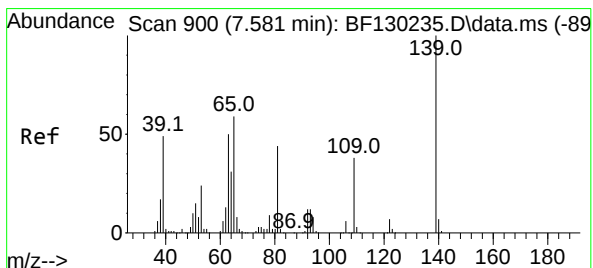
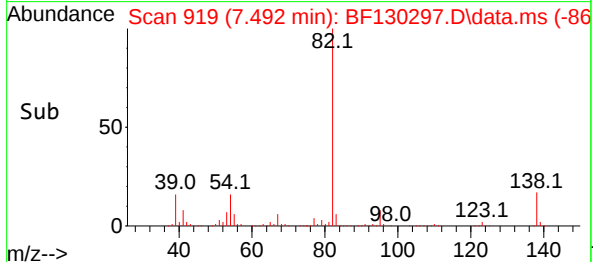
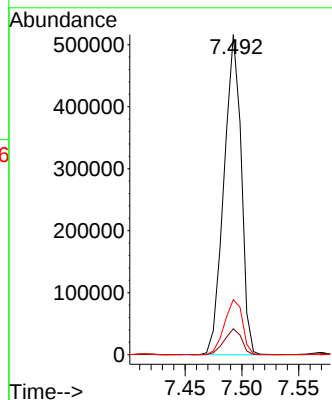
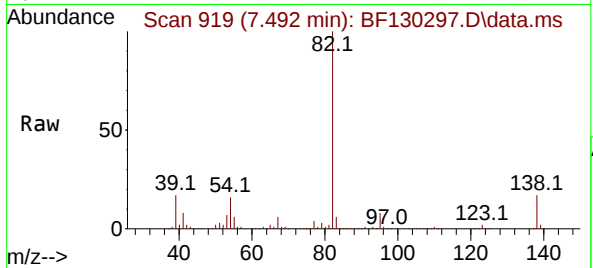




#25
Isophorone
Concen: 46.285 ng
RT: 7.492 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

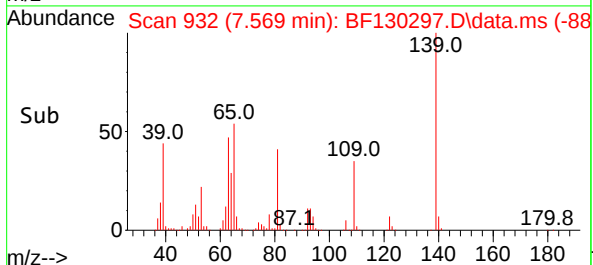
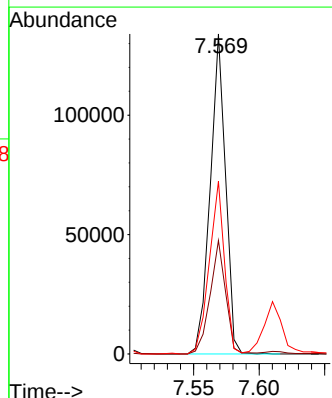
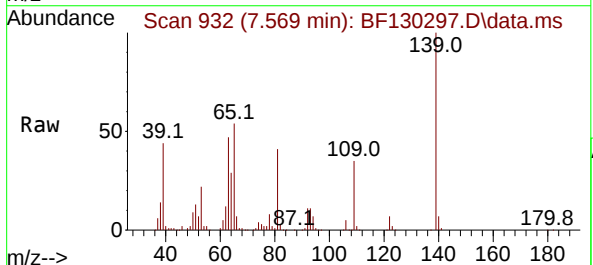
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

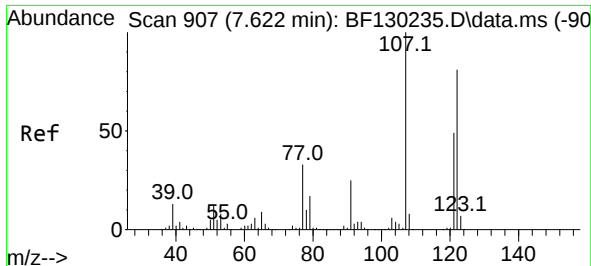
Tgt Ion: 82 Resp: 545425
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.2 13.8 20.6



#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

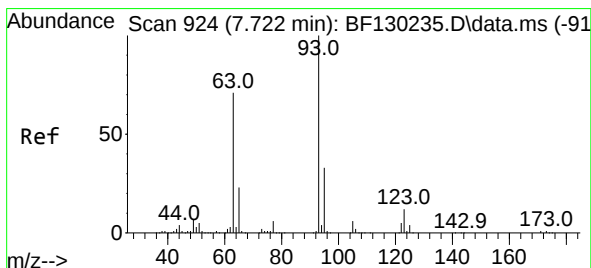
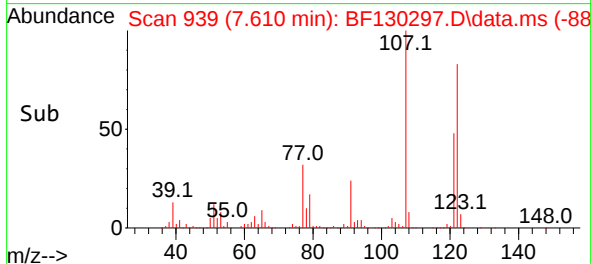
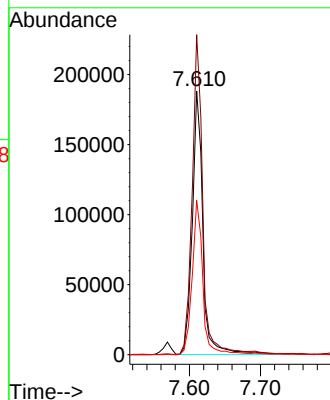
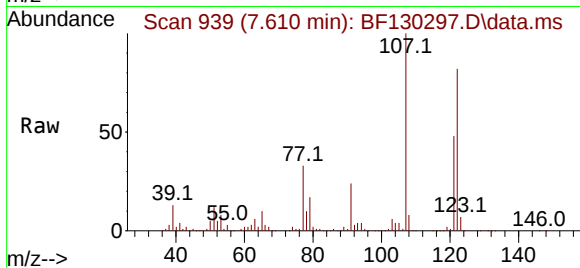
Tgt Ion:122 Resp: 194377

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

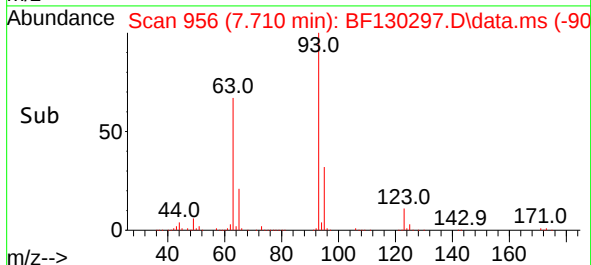
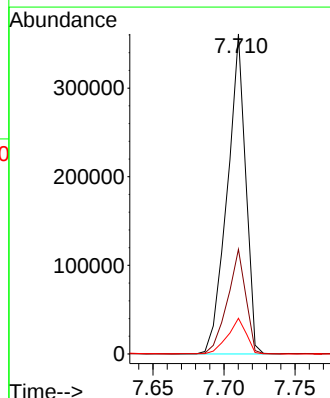
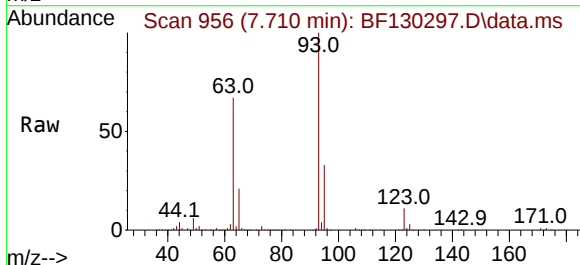
Tgt Ion: 93 Resp: 324995

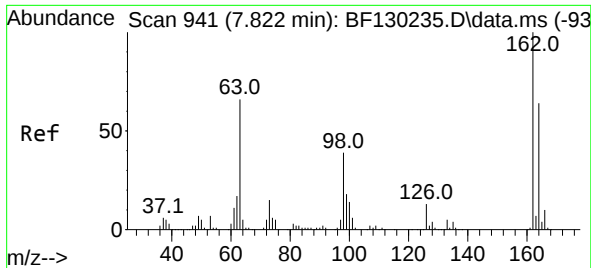
Ion Ratio Lower Upper

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

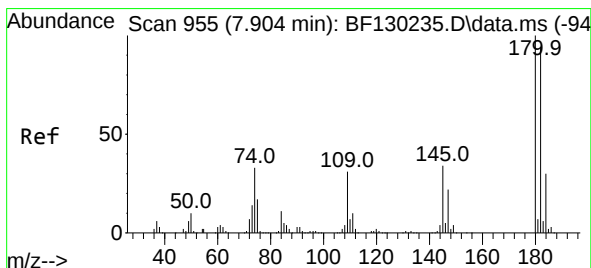
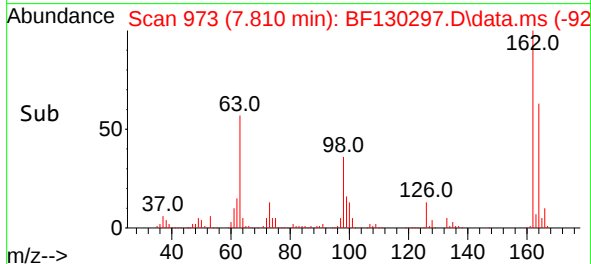
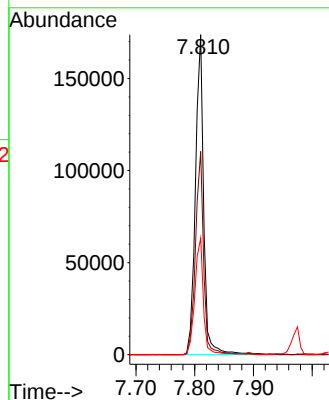
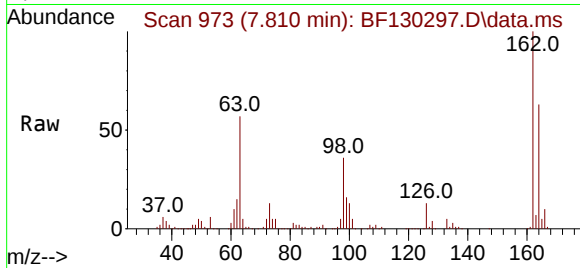
Tgt Ion:162 Resp: 169455

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

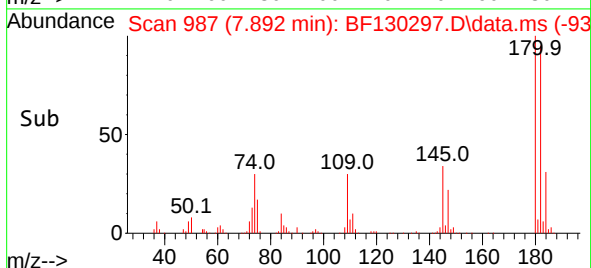
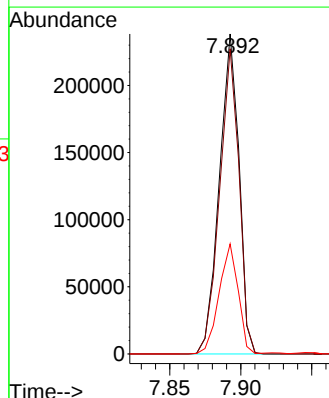
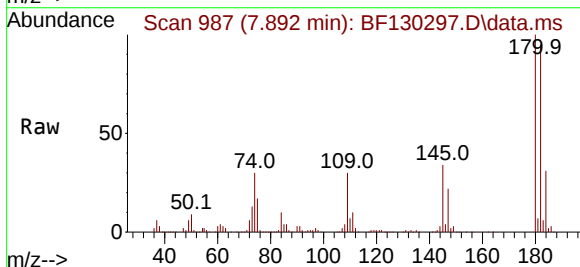
Tgt Ion:180 Resp: 228284

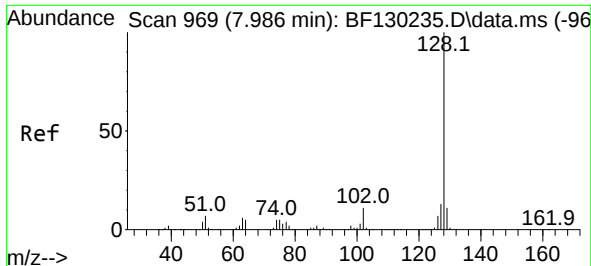
Ion Ratio Lower Upper

180 100

182 95.4 73.3 109.9

145 34.4 28.3 42.5

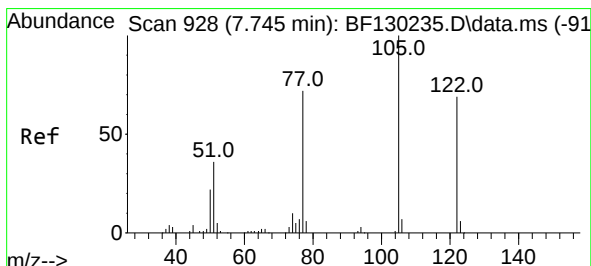
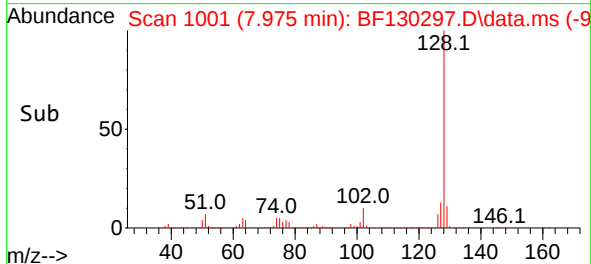
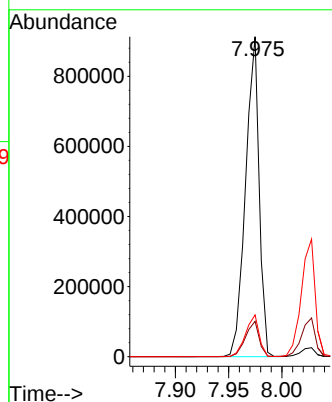
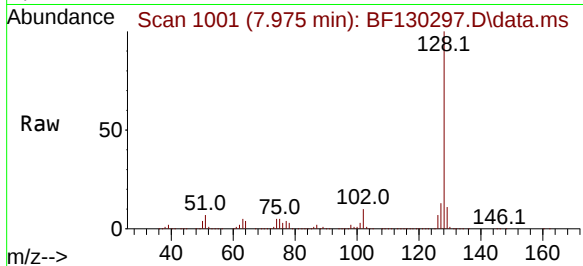




#31
Naphthalene
Concen: 42.123 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

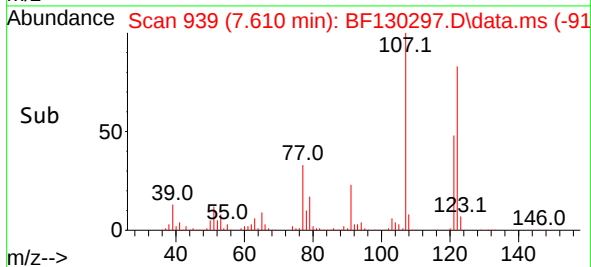
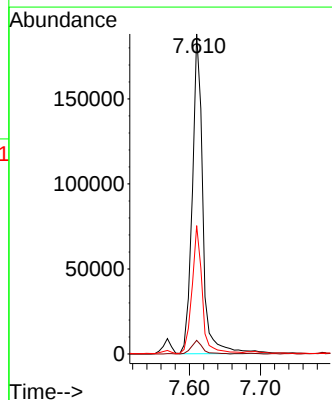
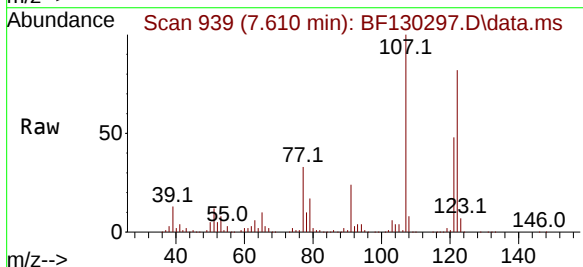
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

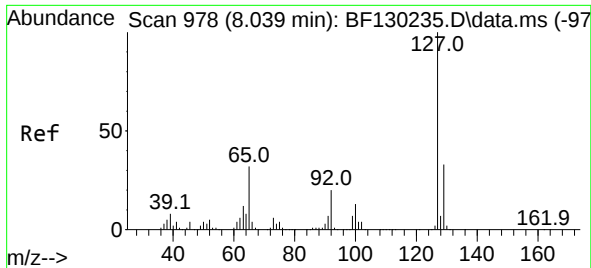
Tgt Ion:128 Resp: 810599
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 53.641 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.129 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Tgt Ion:122 Resp: 194377
Ion Ratio Lower Upper
122 100
105 4.3 112.9 152.9#
77 40.1 82.8 122.8#

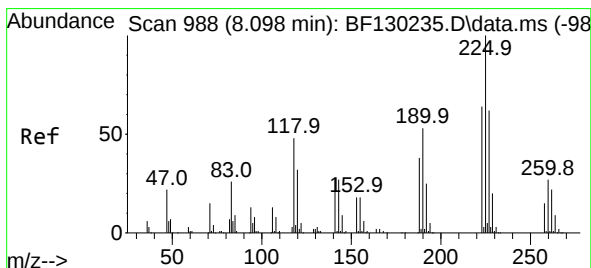
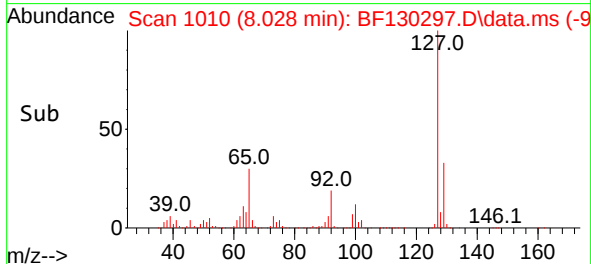
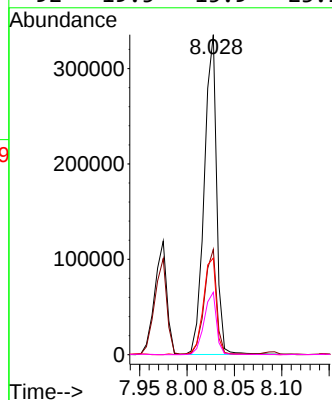
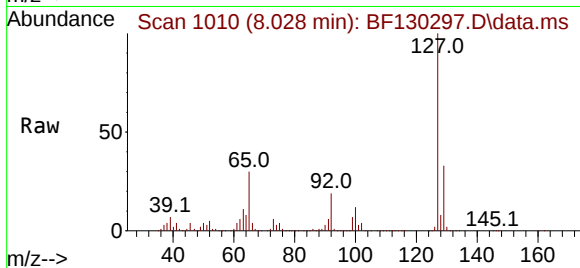




#33
4-Chloroaniline
Concen: 41.425 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

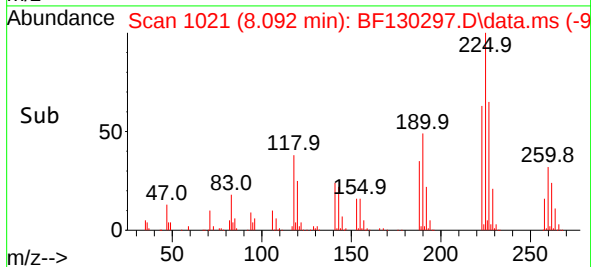
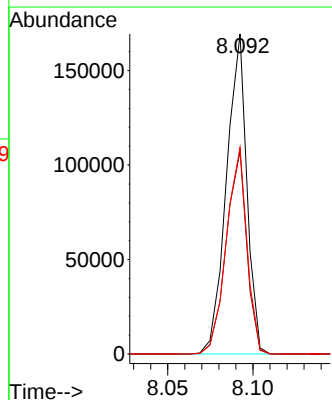
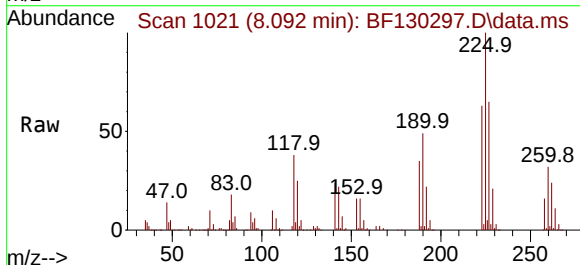
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

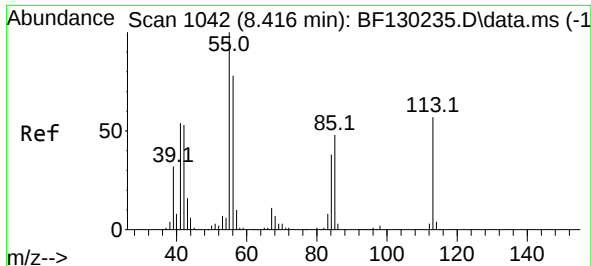
Tgt Ion:	127	Resp:	303184
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.6	38.4
65	30.2	27.0	40.6
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.650 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

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

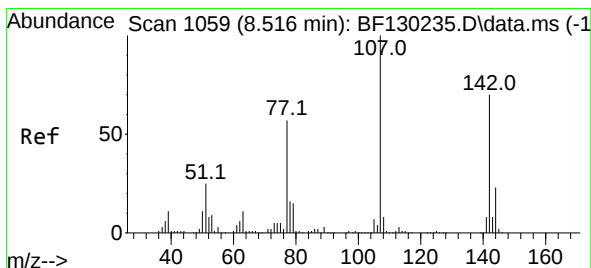
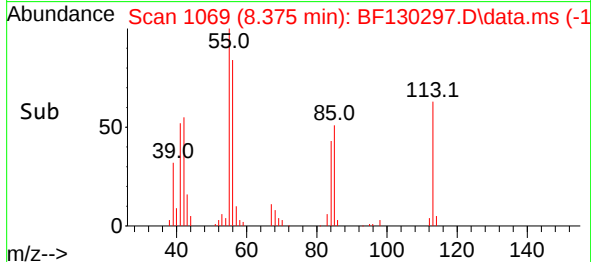
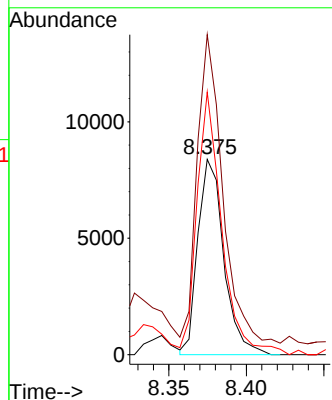
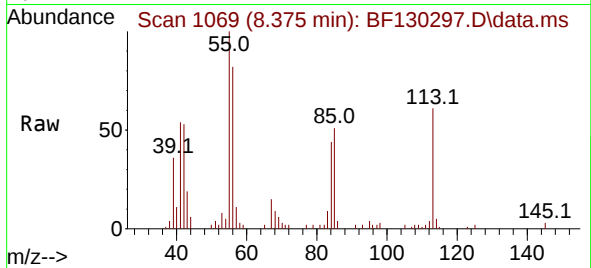




#35
 Caprolactam
 Concen: 6.632 ng
 RT: 8.375 min Scan# 1069
 Delta R.T. -0.029 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

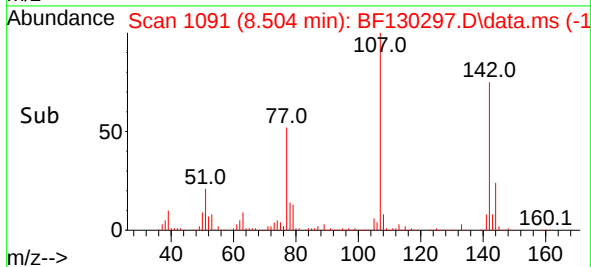
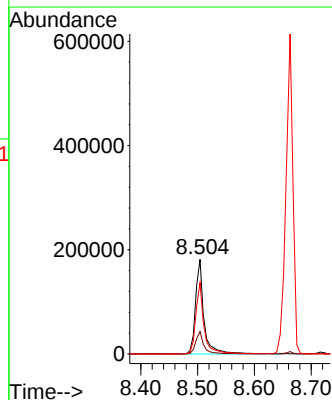
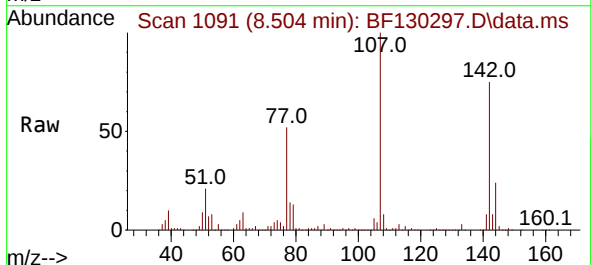
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

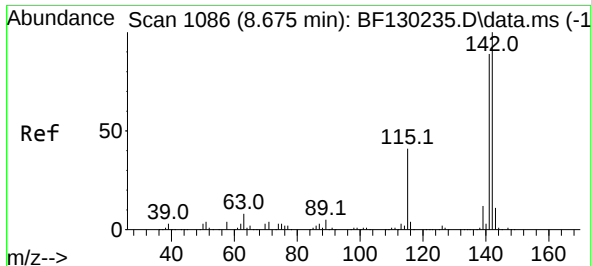
Tgt Ion:113 Resp: 9763
 Ion Ratio Lower Upper
 113 100
 55 163.8 155.4 195.4
 56 134.4 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 32.974 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

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

Instrument :

BNA_F

ClientSampleId :

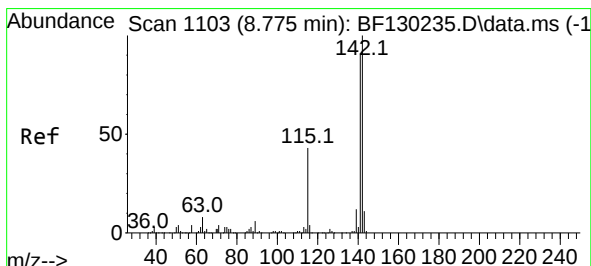
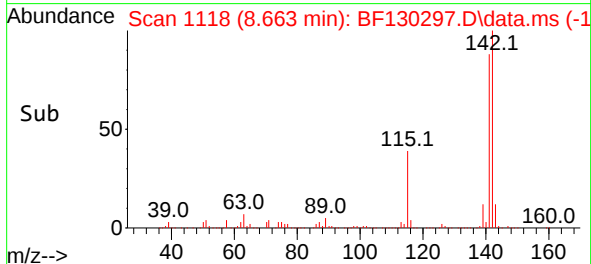
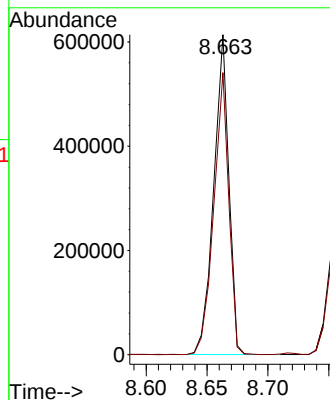
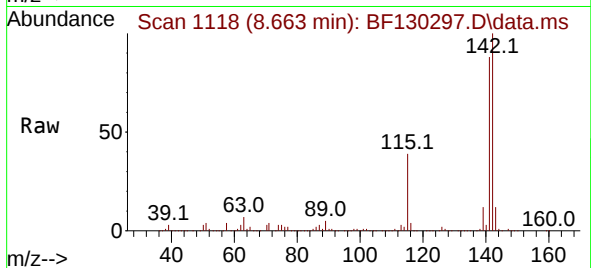
HW-43MSD

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# 1135

Delta R.T. 0.000 min

Lab File: BF130297.D

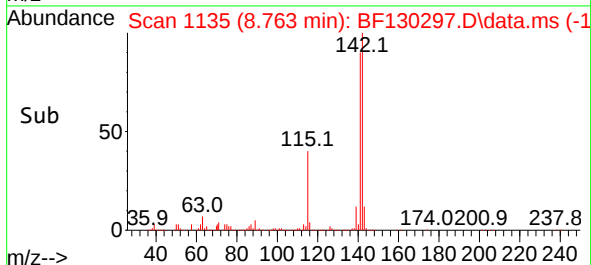
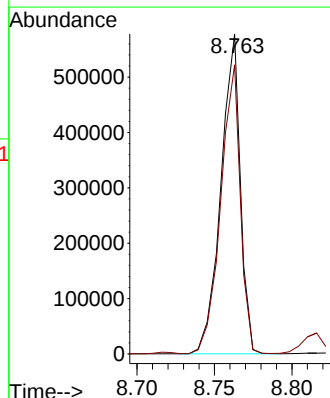
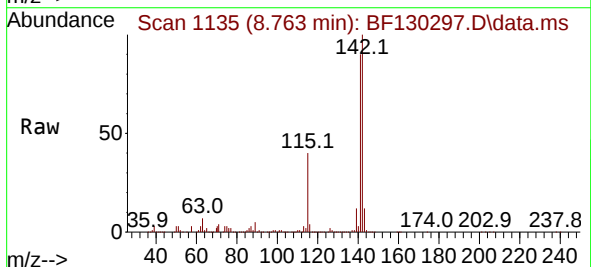
Acq: 16 Sep 2022 18:52

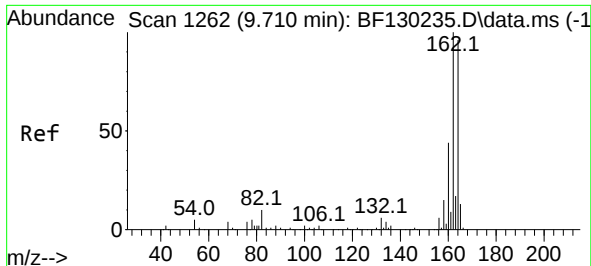
Tgt Ion:142 Resp: 503093

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# 1146

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

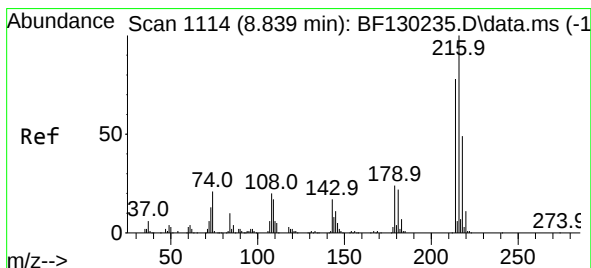
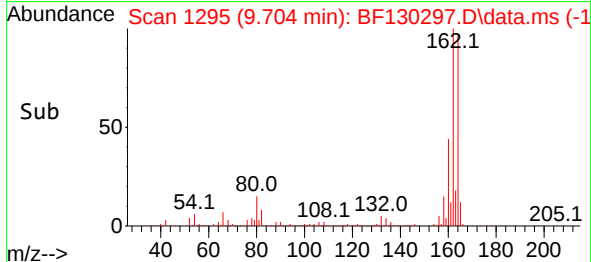
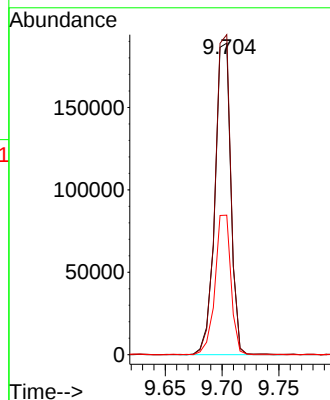
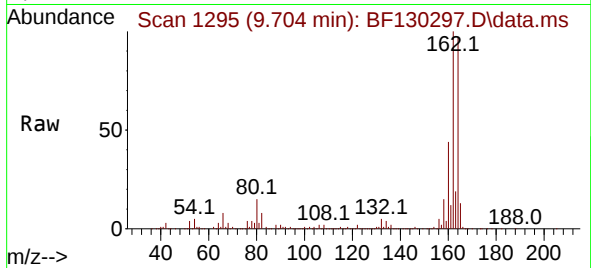
Tgt Ion:164 Resp: 183382

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# 1146

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Tgt Ion:216 Resp: 228192

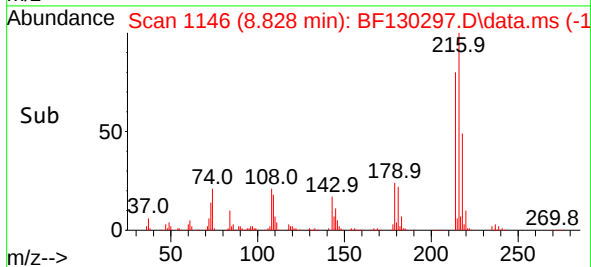
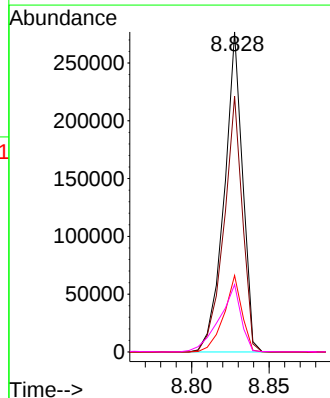
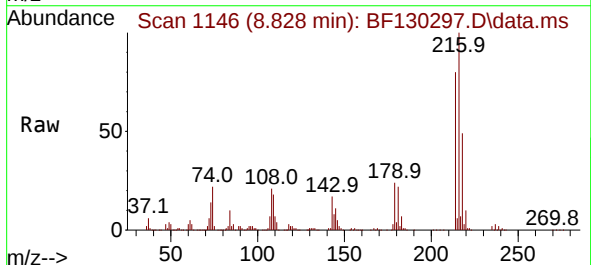
Ion Ratio Lower Upper

216 100

214 80.2 62.8 94.2

179 23.4 19.5 29.3

108 25.0 19.1 28.7

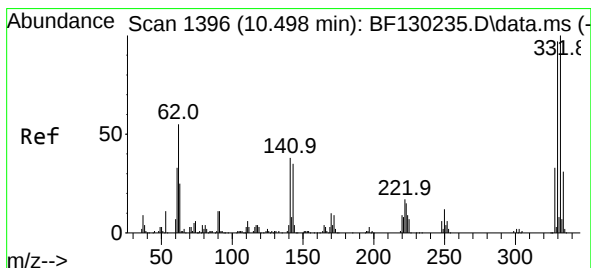
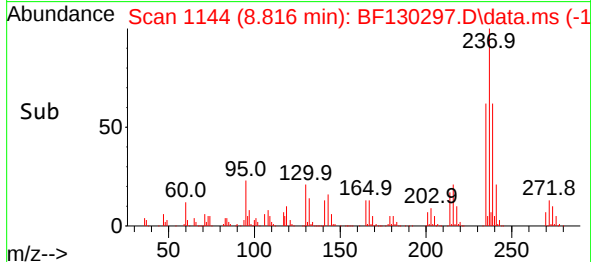
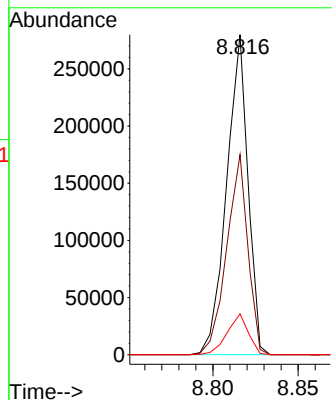
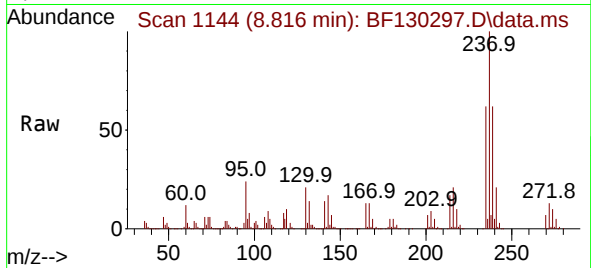




#41
Hexachlorocyclopentadiene
Concen: 91.187 ng
RT: 8.816 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

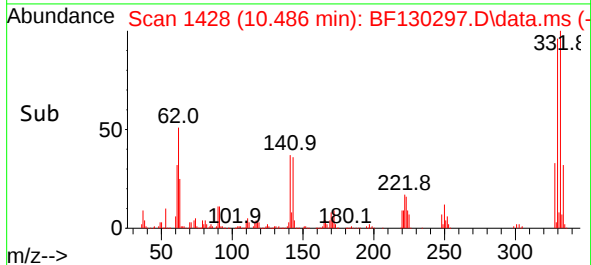
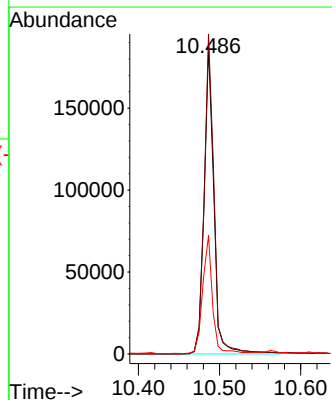
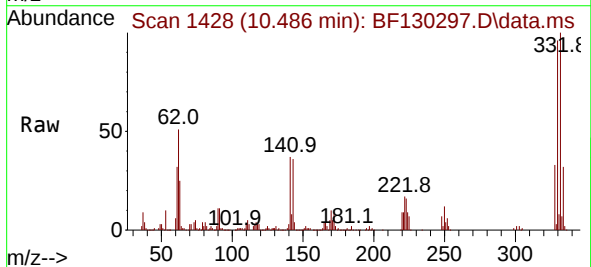
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

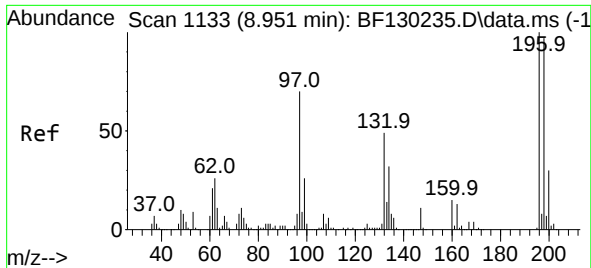
Tgt Ion:237 Resp: 244328
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 12.8 0.0 32.8



#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

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

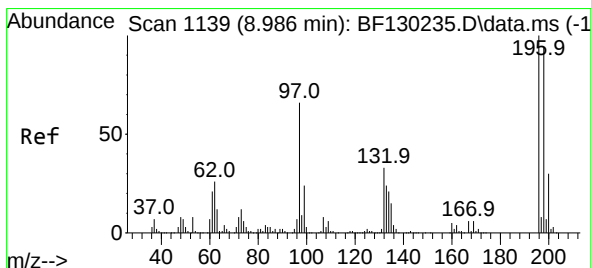
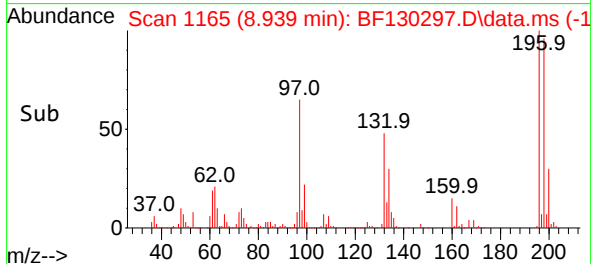
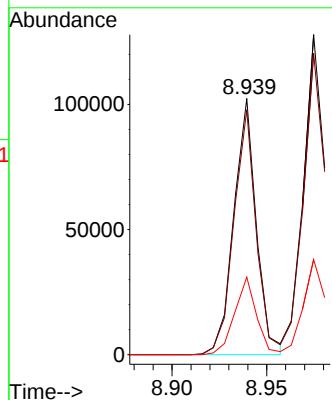
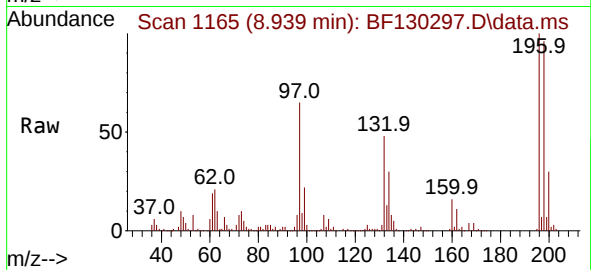




#43
2,4,6-Trichlorophenol
Concen: 24.262 ng
RT: 8.939 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

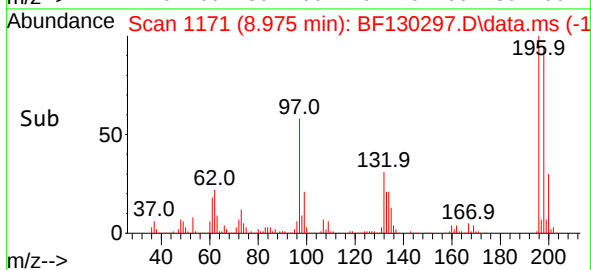
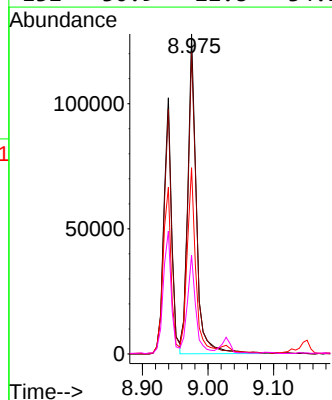
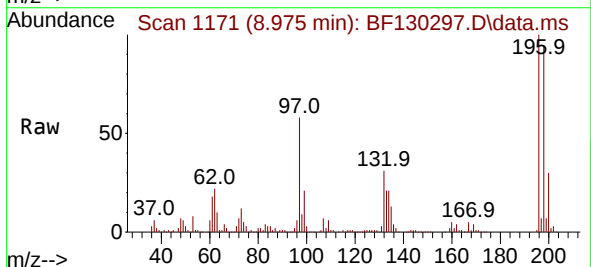
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

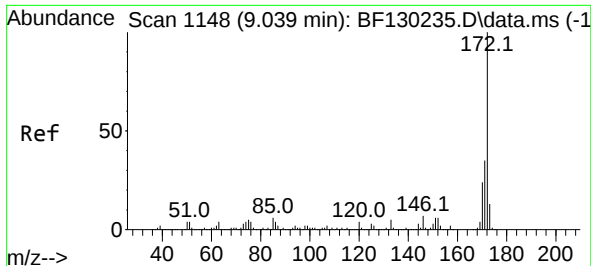
Tgt Ion:196 Resp: 84740
Ion Ratio Lower Upper
196 100
198 95.7 72.4 108.6
200 30.3 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 30.779 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

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# 1118

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

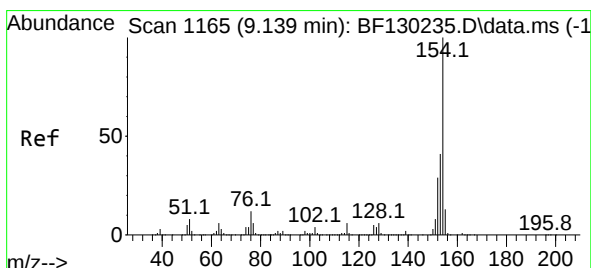
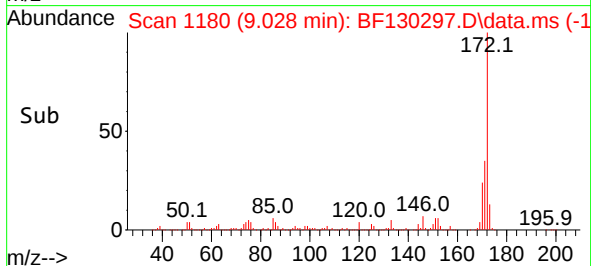
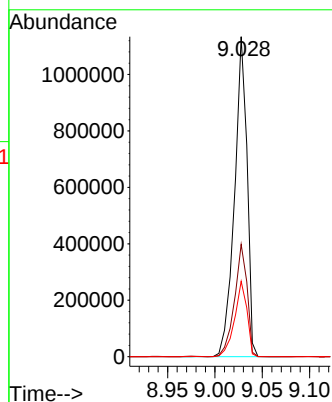
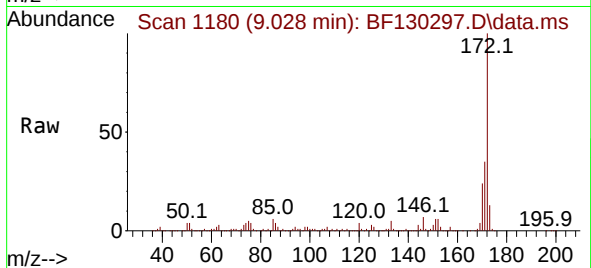
Tgt Ion:172 Resp: 1044496

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# 1197

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

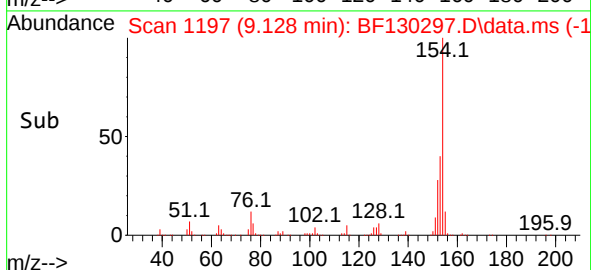
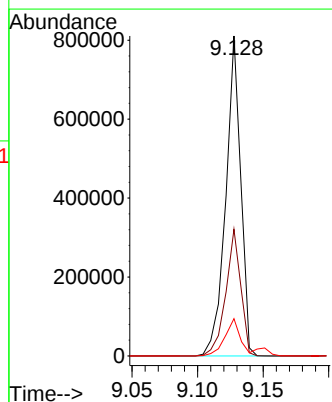
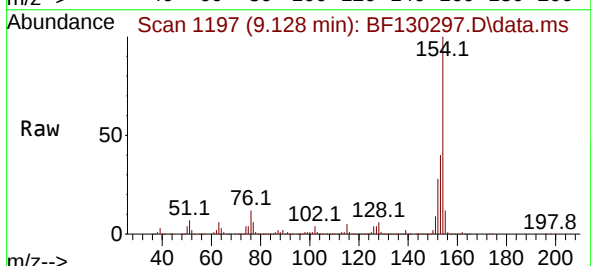
Tgt Ion:154 Resp: 642525

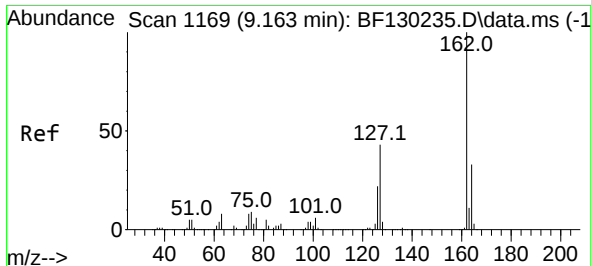
Ion Ratio Lower Upper

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# 1169

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

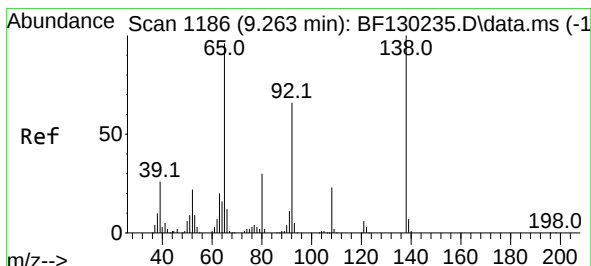
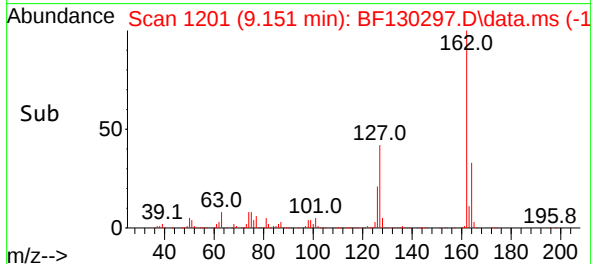
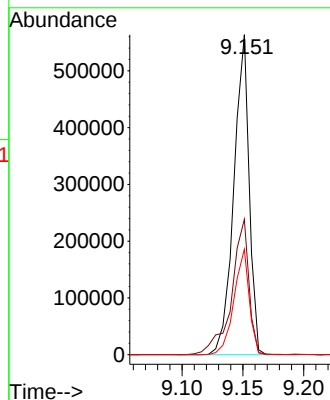
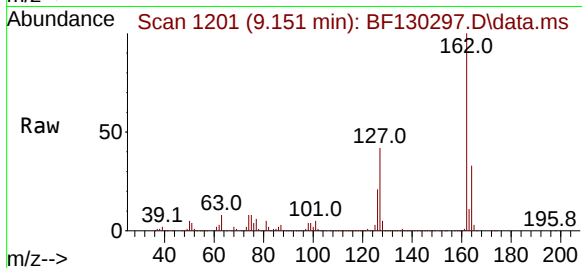
Tgt Ion:162 Resp: 493655

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# 1218

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

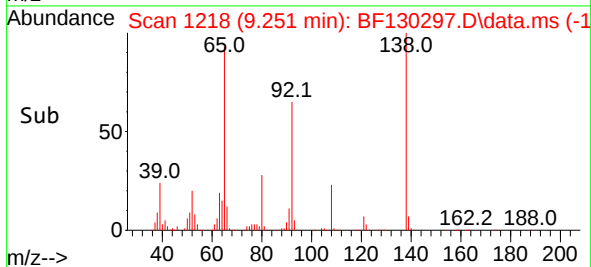
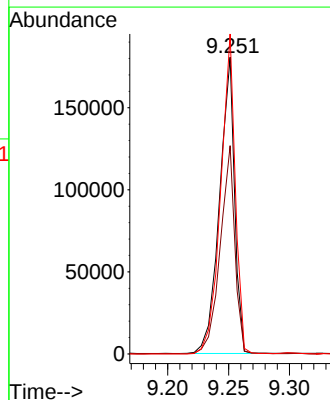
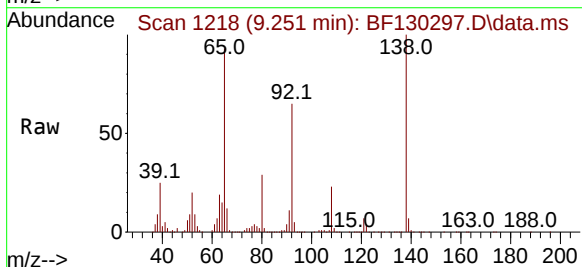
Tgt Ion: 65 Resp: 155198

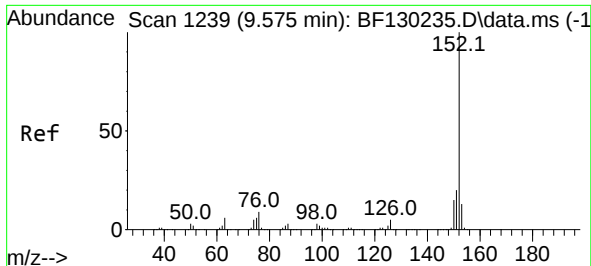
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

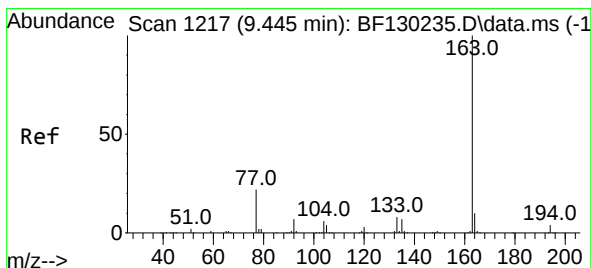
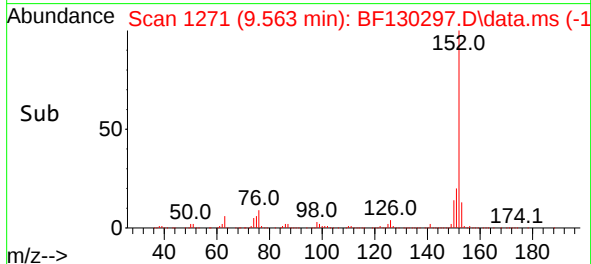
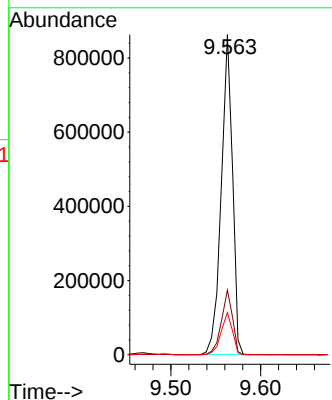
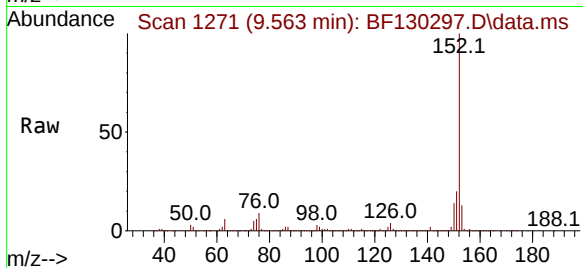
Tgt Ion:152 Resp: 749610

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# 1249

Delta R.T. -0.006 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

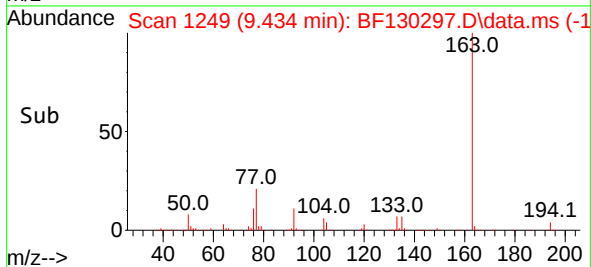
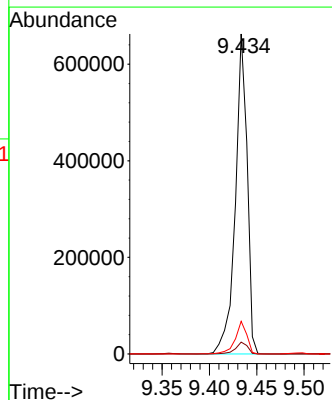
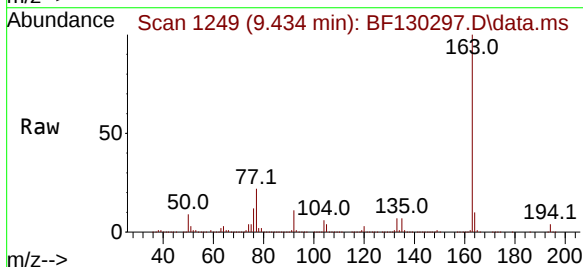
Tgt Ion:163 Resp: 573878

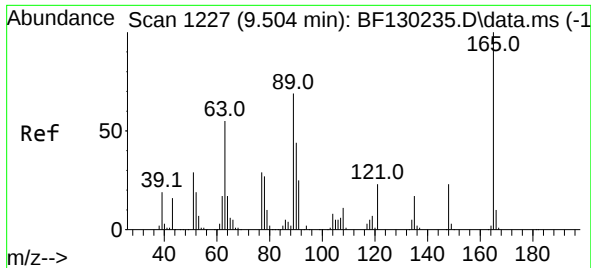
Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

164 10.2 8.2 12.2

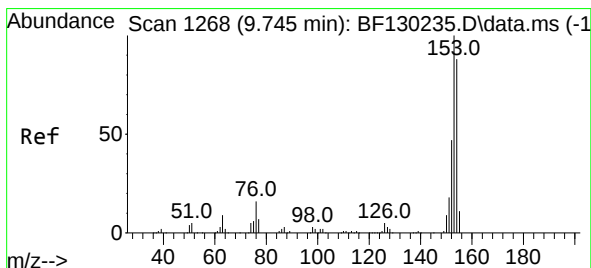
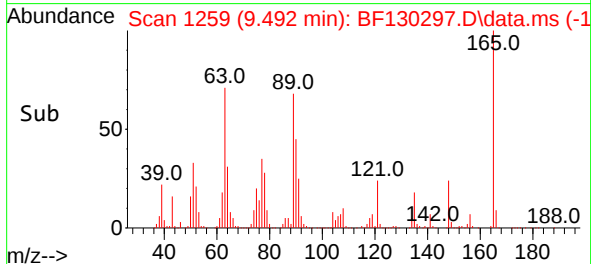
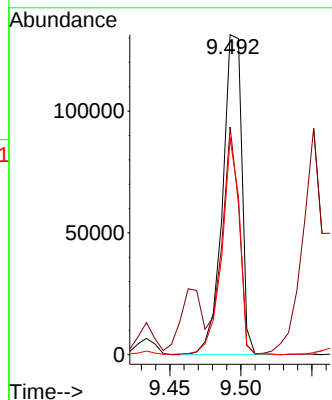
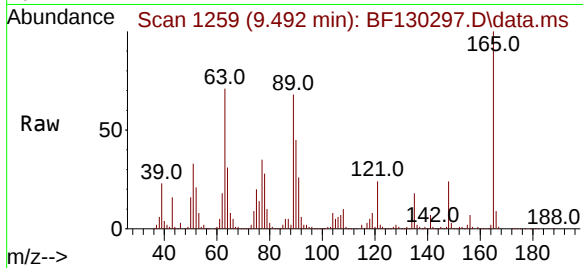




#51
2,6-Dinitrotoluene
Concen: 46.760 ng
RT: 9.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

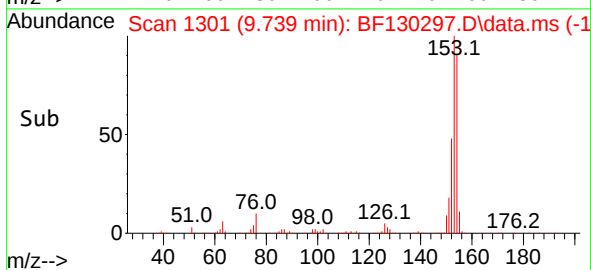
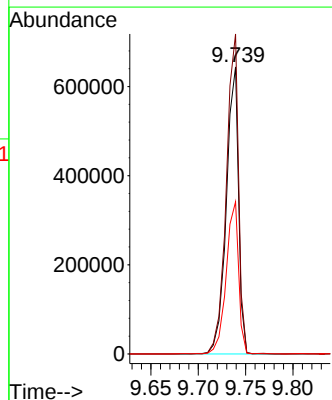
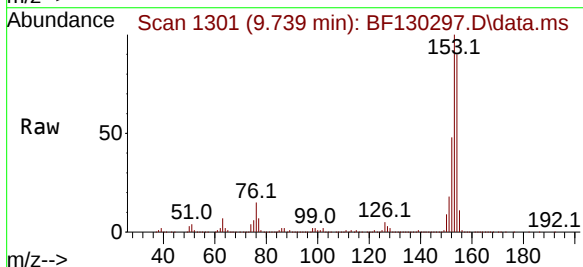
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

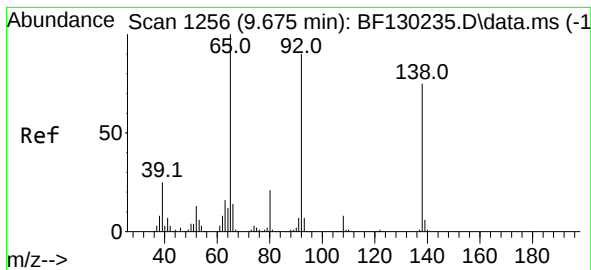
Tgt Ion:165 Resp: 123876
Ion Ratio Lower Upper
165 100
63 71.1 58.8 88.2
89 67.6 54.5 81.7



#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

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# 11

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

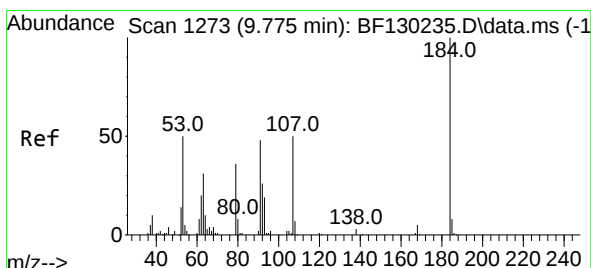
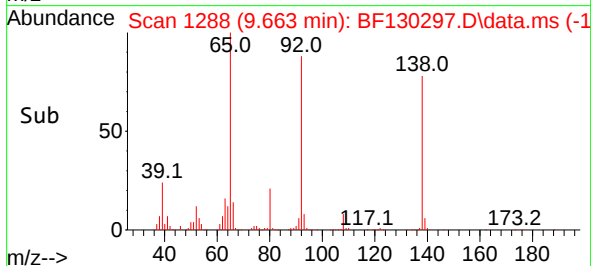
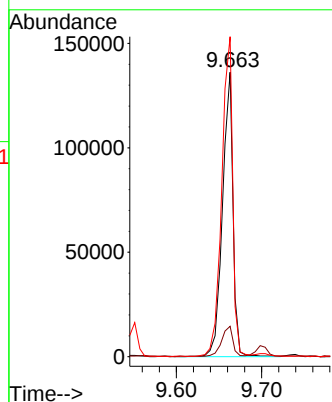
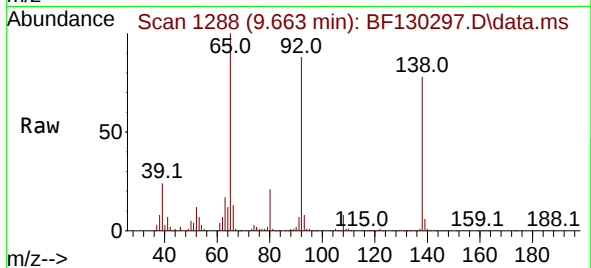
Tgt Ion:138 Resp: 116475

Ion Ratio Lower Upper

138 100

108 10.7 9.2 13.8

92 112.5 99.2 148.8



#54

2,4-Dinitrophenol

Concen: 6.345 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.253 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

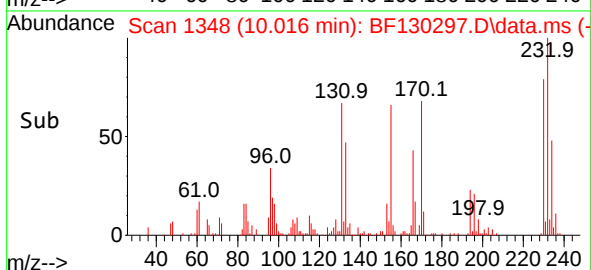
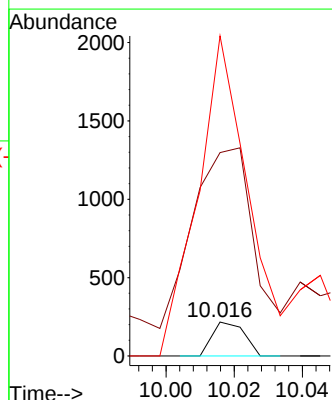
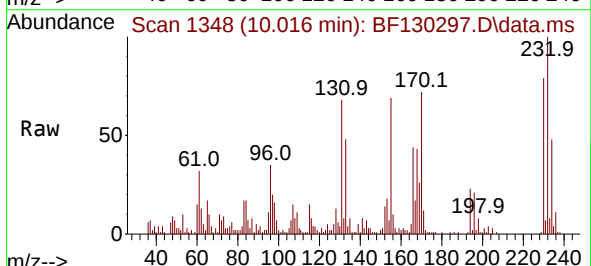
Tgt Ion:184 Resp: 142

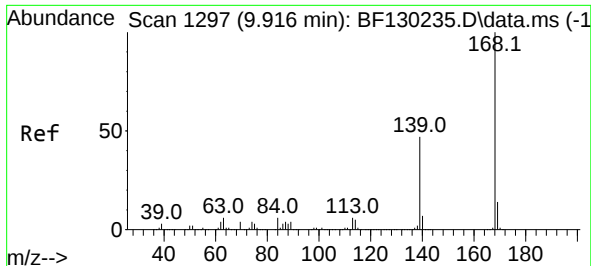
Ion Ratio Lower Upper

184 100

63 598.2 70.0 105.0#

154 941.0 63.0 94.6#

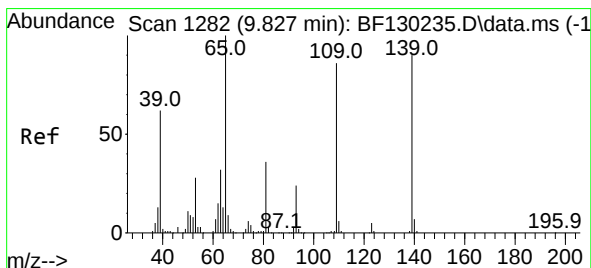
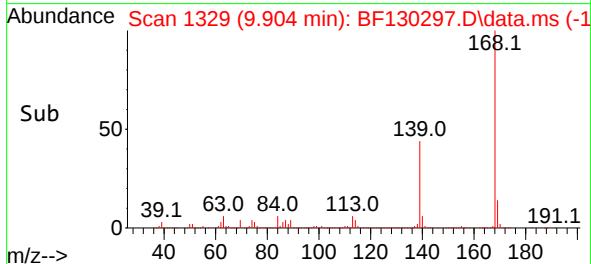
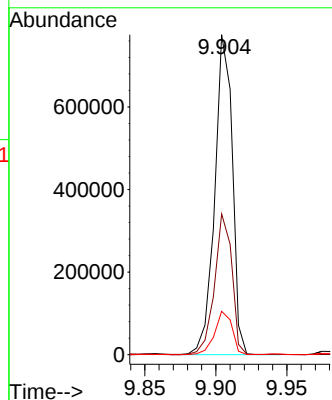
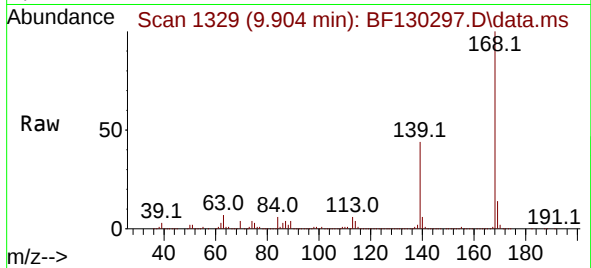




#55
Dibenzenofuran
Concen: 43.792 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

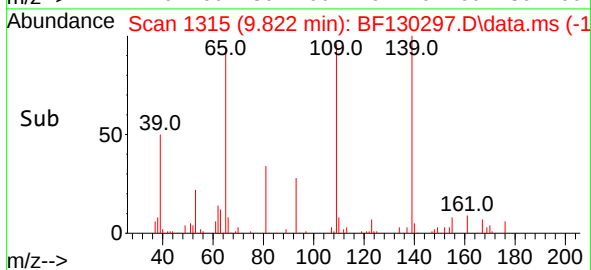
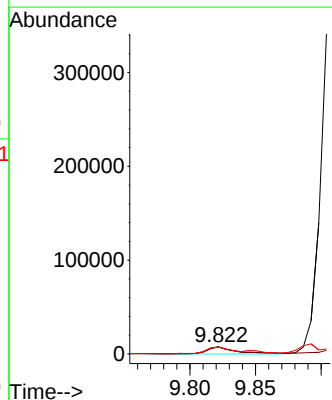
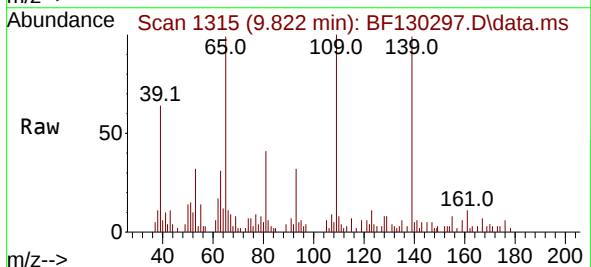
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

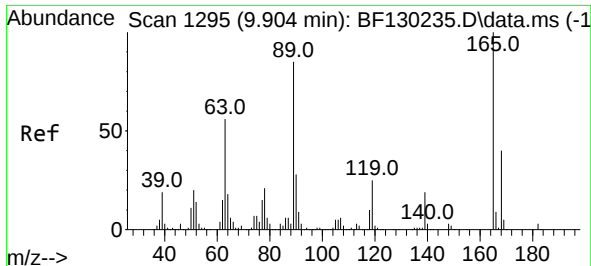
Tgt Ion:168 Resp: 664795
Ion Ratio Lower Upper
168 100
139 44.0 35.0 52.4
169 13.6 10.9 16.3



#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# 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:165 Resp: 156357

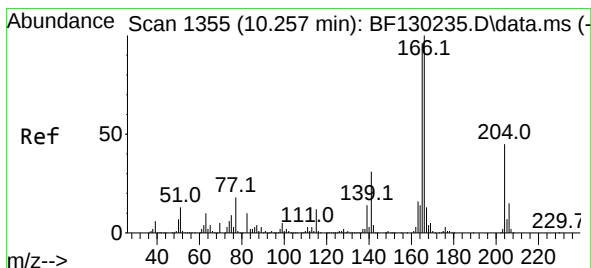
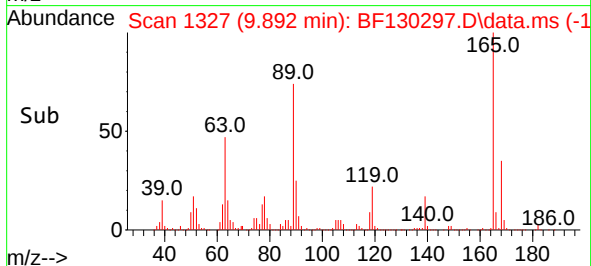
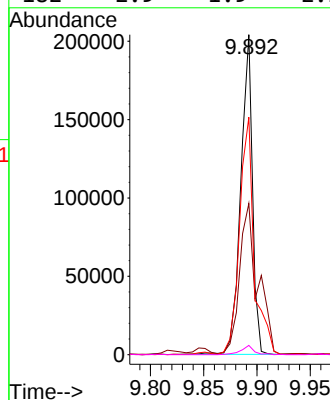
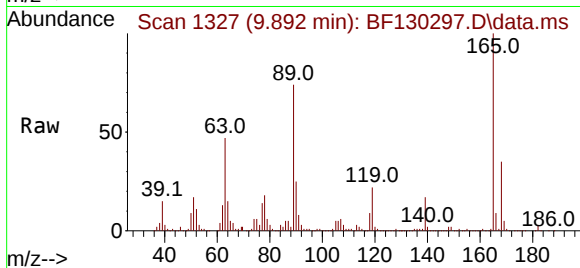
Ion Ratio Lower Upper

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

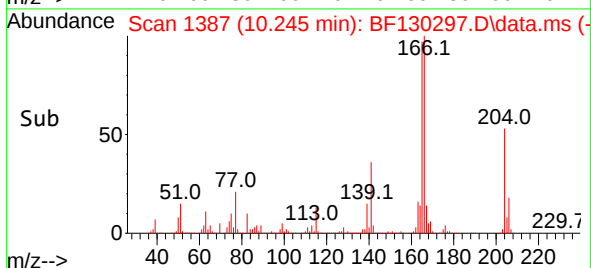
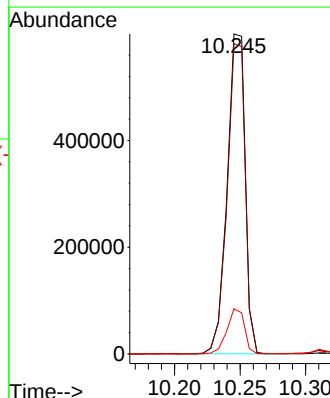
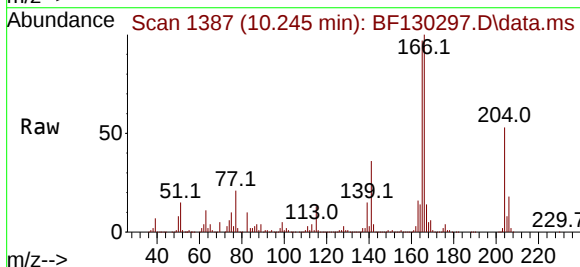
Tgt Ion:166 Resp: 573674

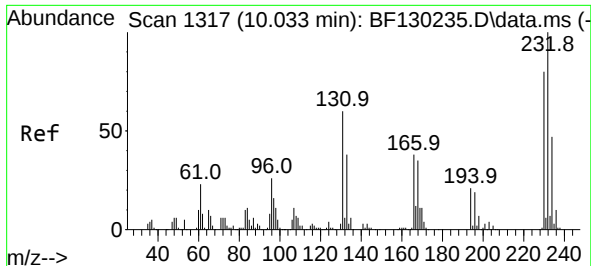
Ion Ratio Lower Upper

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# 1

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

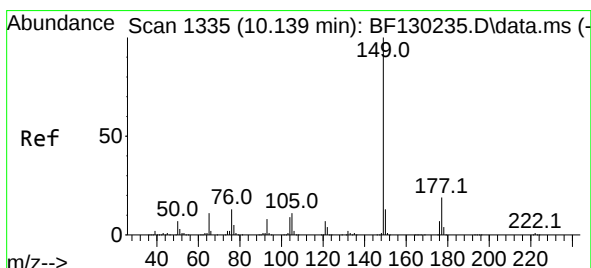
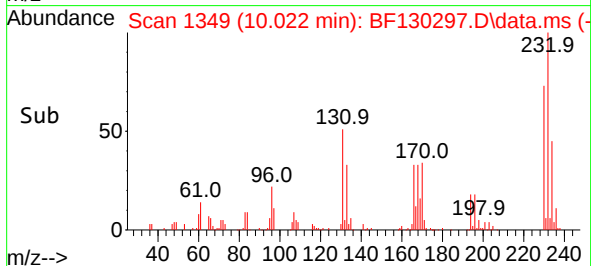
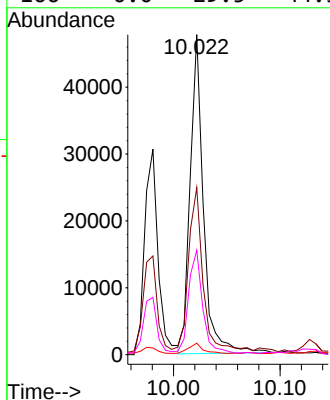
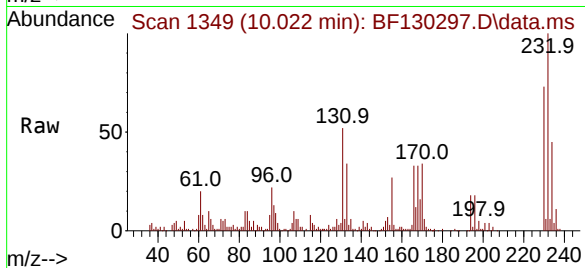
Ion Ratio Lower Upper

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

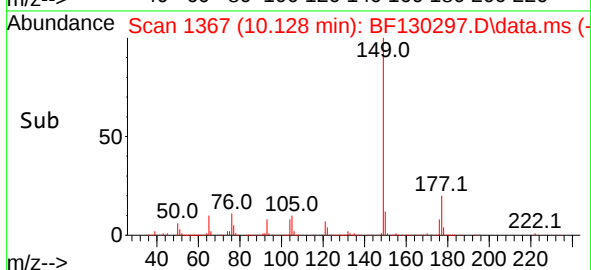
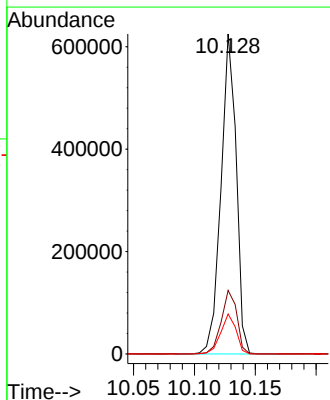
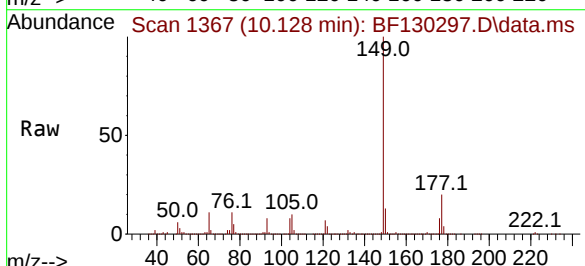
Tgt Ion:149 Resp: 545214

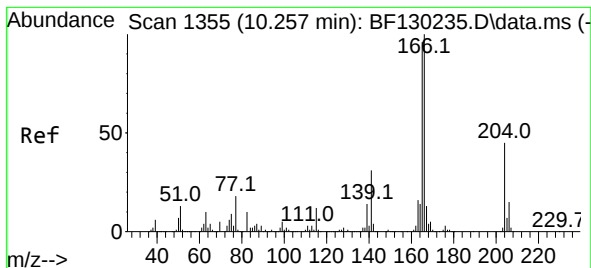
Ion Ratio Lower Upper

149 100

177 19.9 16.1 24.1

150 12.5 9.9 14.9

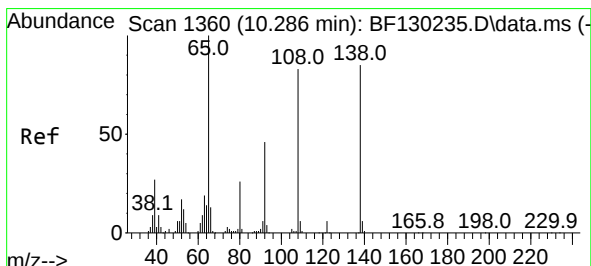
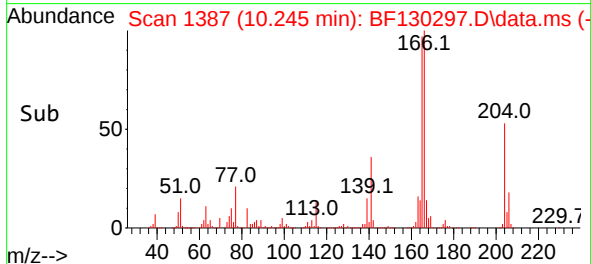
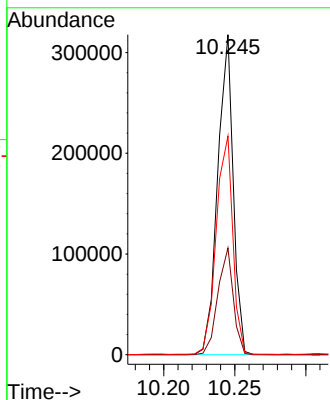
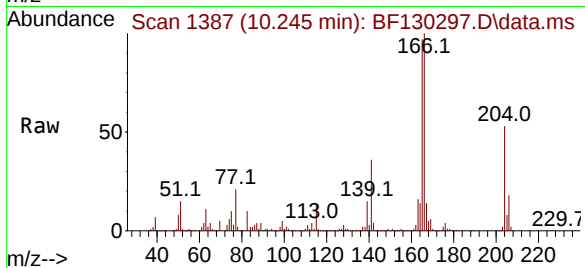




#61
4-Chlorophenyl-phenylether
Concen: 44.342 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

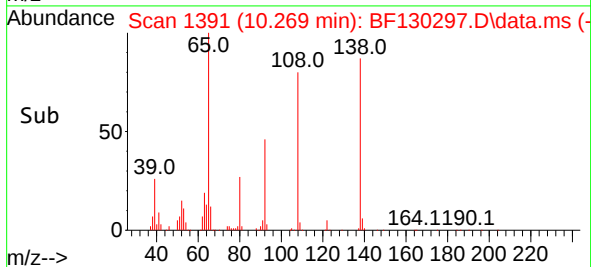
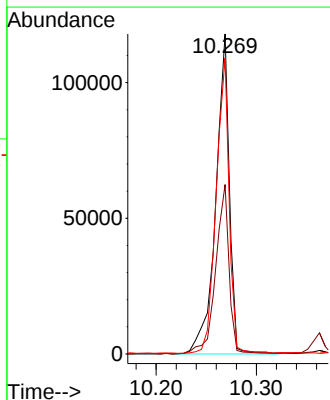
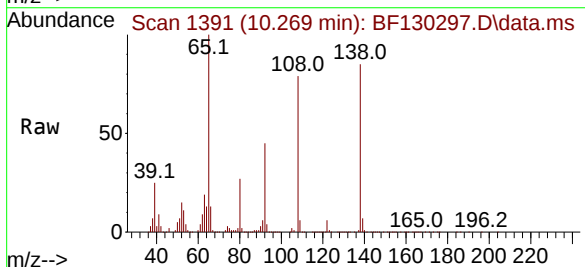
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

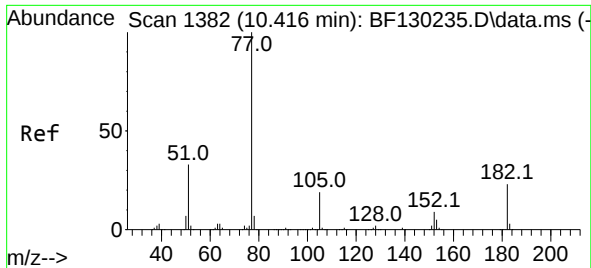
Tgt Ion:204 Resp: 241498
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 68.3 57.1 85.7



#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

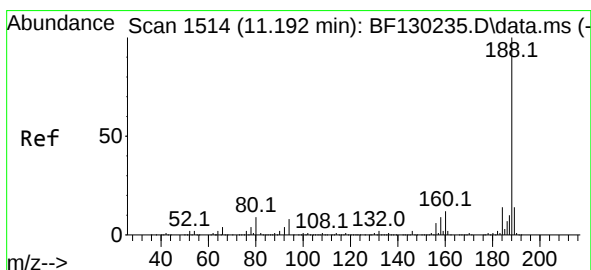
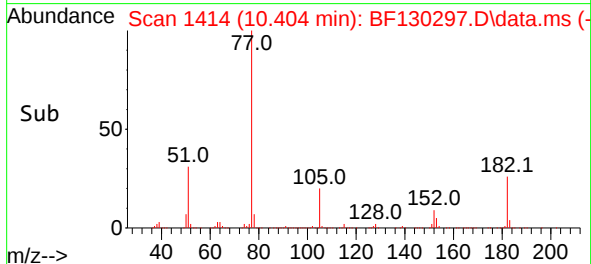
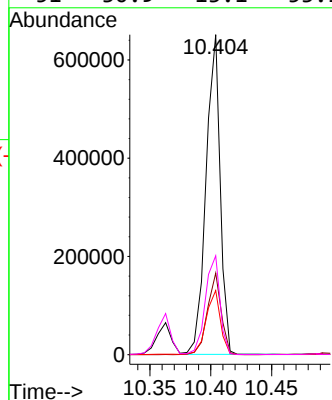
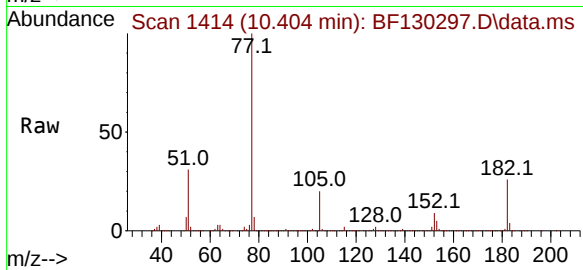




#63
 Azobenzene
 Concen: 40.250 ng
 RT: 10.404 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

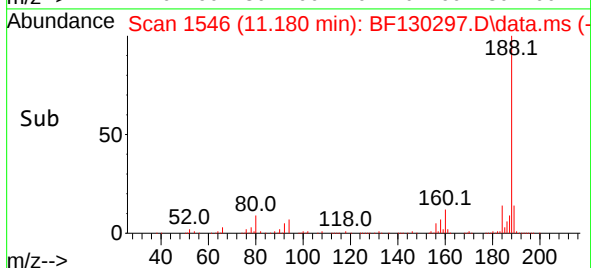
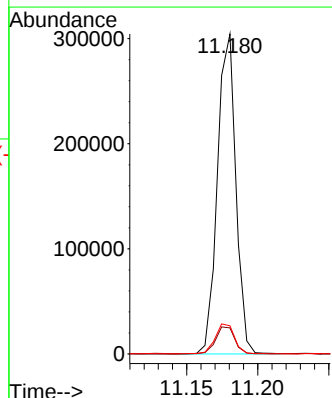
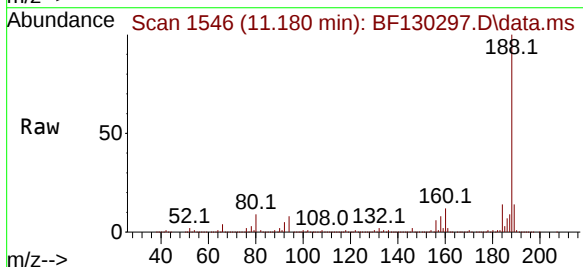
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

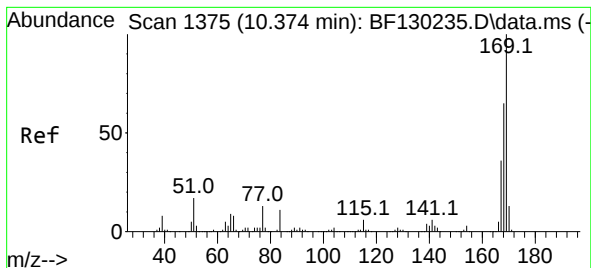
Tgt Ion: 77	Resp: 526478
Ion Ratio	Lower Upper
77 100	
182 25.5	2.1 42.1
105 20.0	0.0 39.4
51 30.9	13.1 53.1



#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

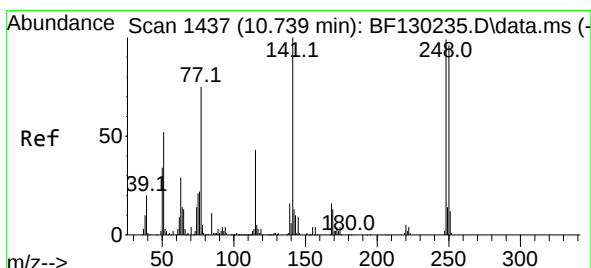
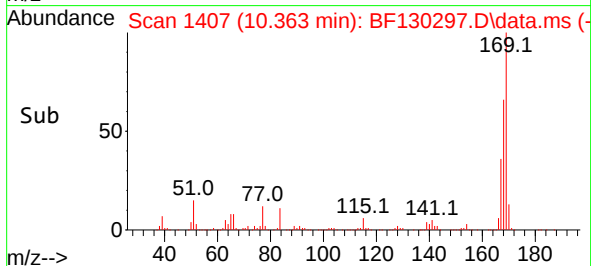
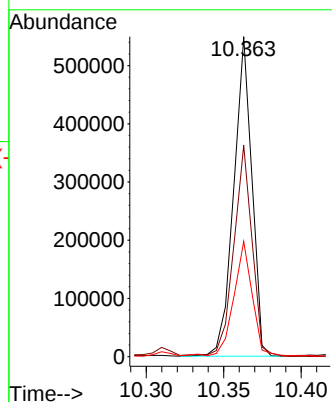
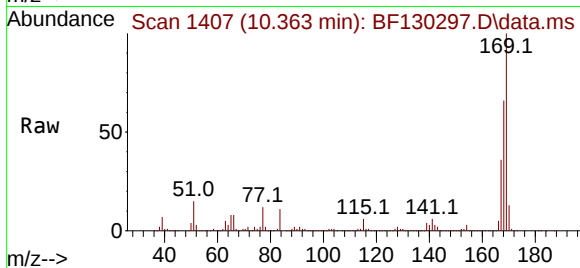




#66
n-Nitrosodiphenylamine
Concen: 48.578 ng
RT: 10.363 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

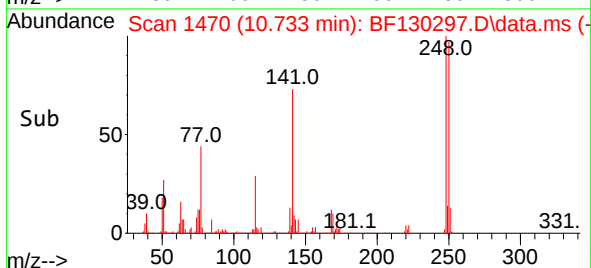
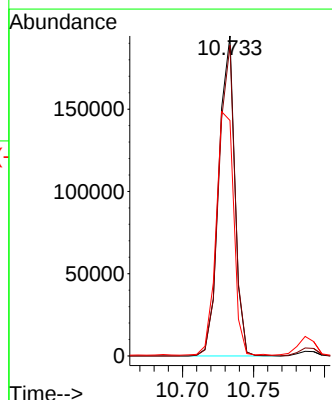
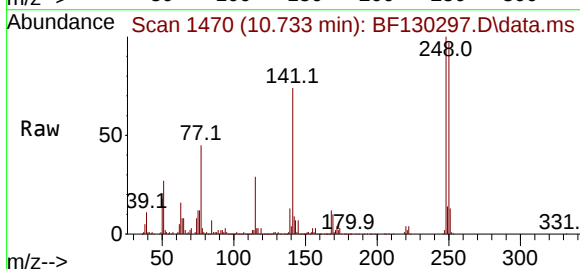
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

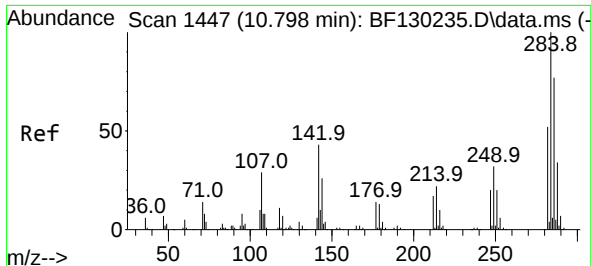
Tgt Ion:169 Resp: 446016
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 36.0 29.2 43.8



#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

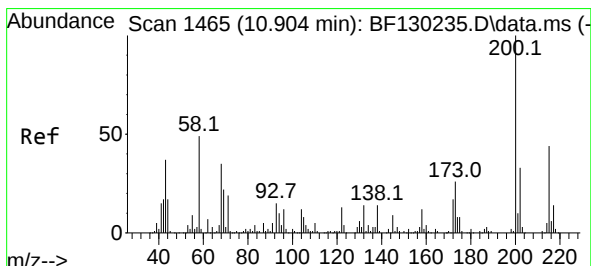
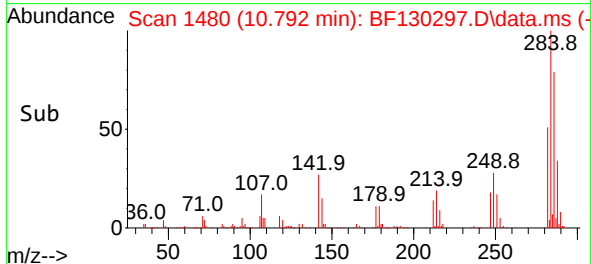
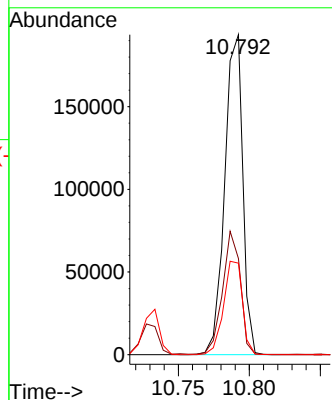
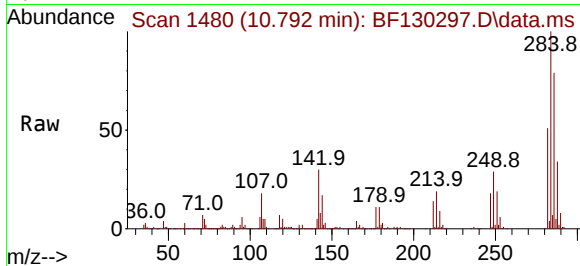




#68
Hexachlorobenzene
Concen: 49.754 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

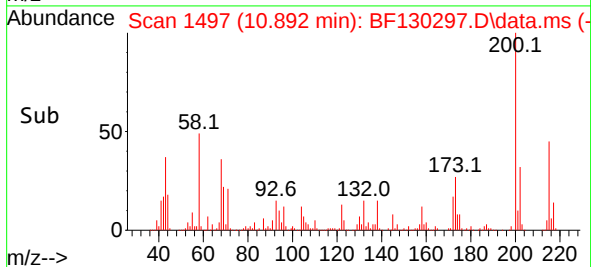
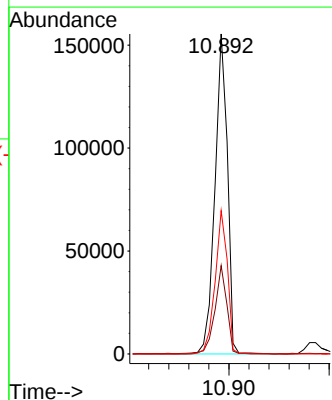
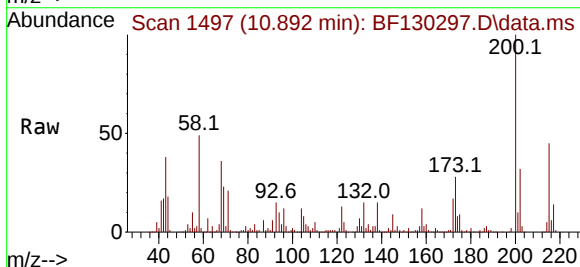
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

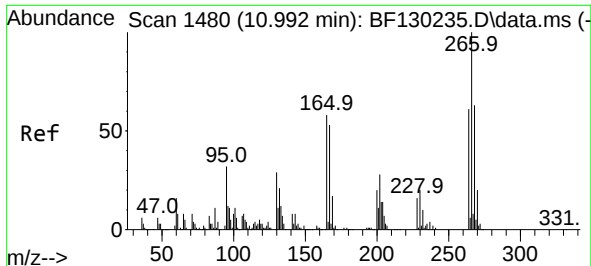
Tgt Ion:284 Resp: 170944
Ion Ratio Lower Upper
284 100
142 30.0 27.2 40.8
249 28.6 23.8 35.8



#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

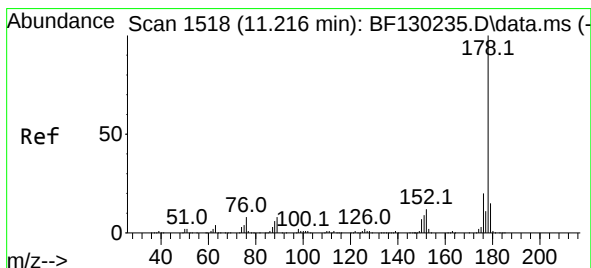
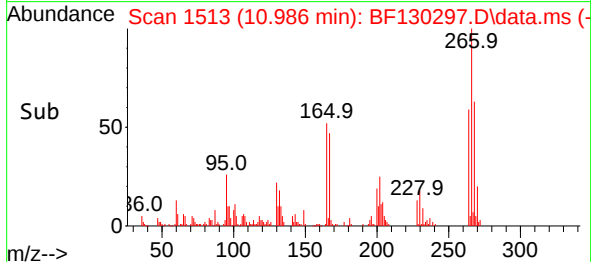
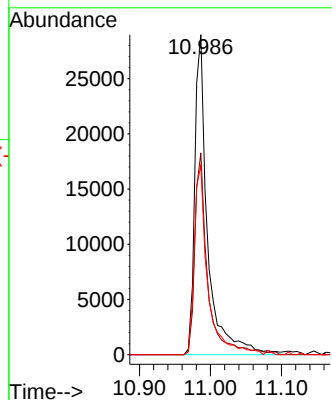
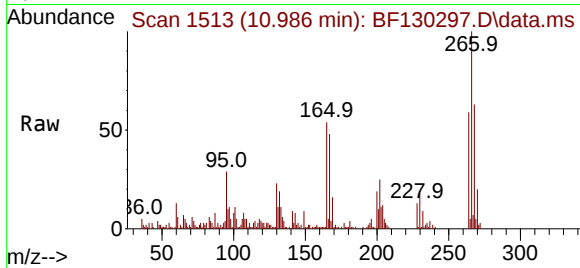




#70
 Pentachlorophenol
 Concen: 19.927 ng
 RT: 10.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

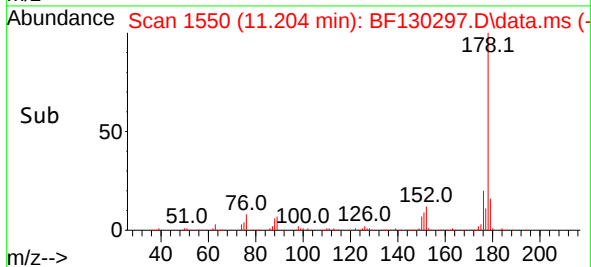
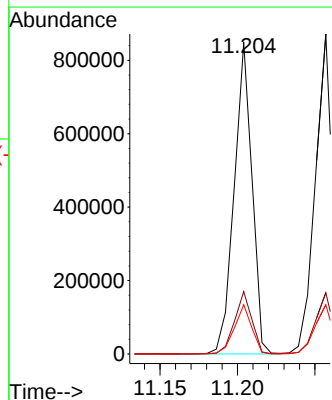
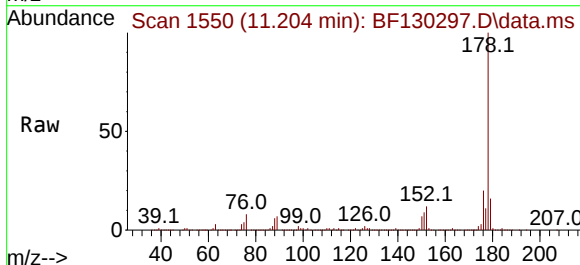
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

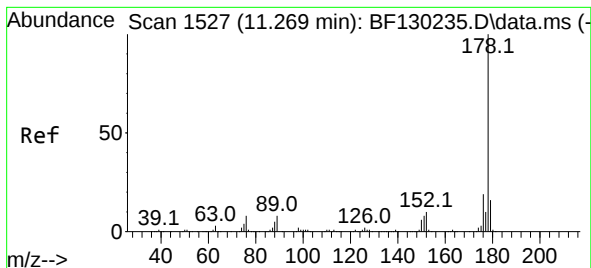
Tgt Ion:266 Resp: 36744
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.5 75.7
 264 59.2 50.5 75.7



#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# 1

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

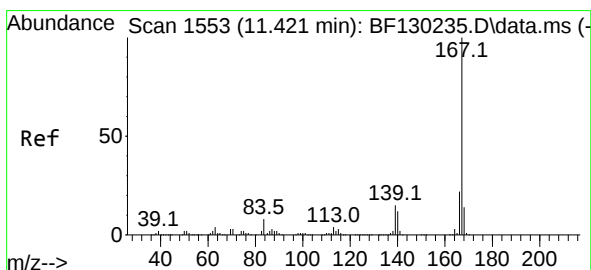
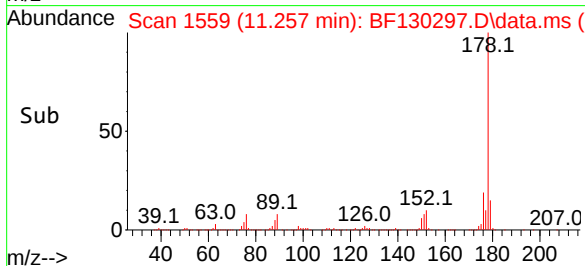
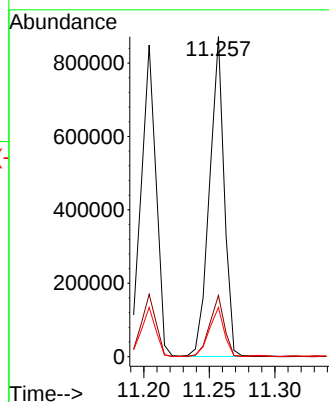
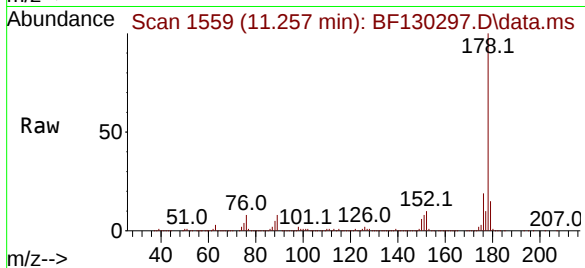
Tgt Ion:178 Resp: 682314

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

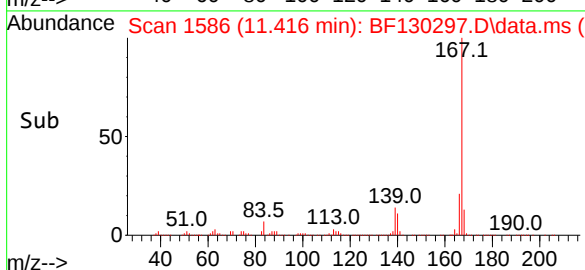
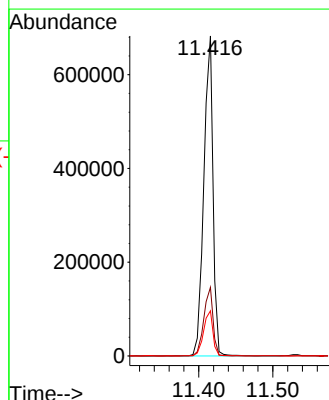
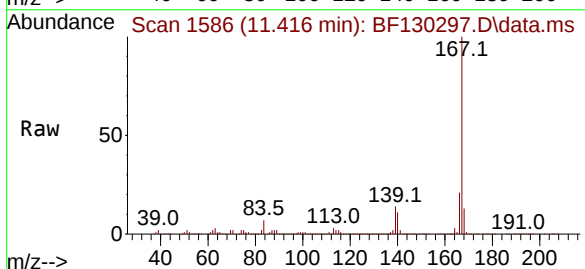
Tgt Ion:167 Resp: 587522

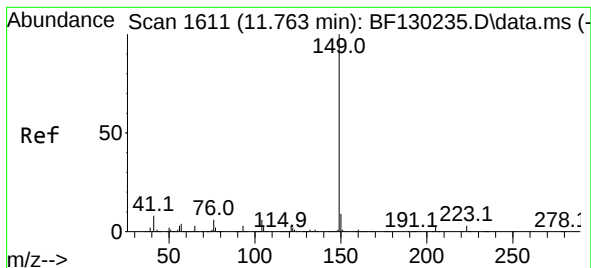
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.000 min

Lab File: BF130297.D

Acq: 16 Sep 2022 18:52

Instrument :

BNA_F

ClientSampleId :

HW-43MSD

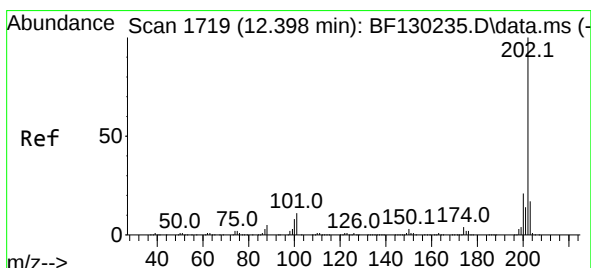
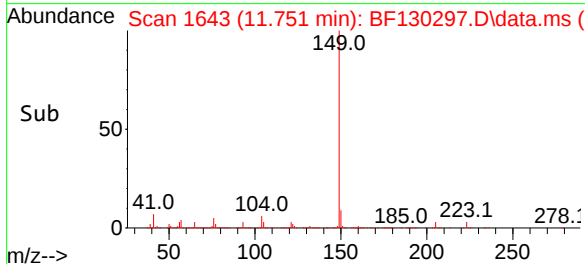
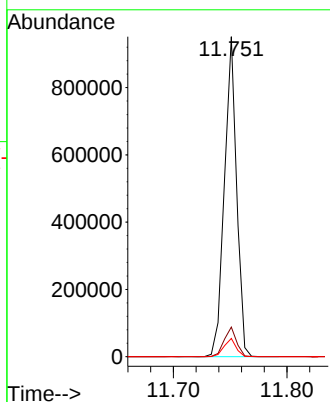
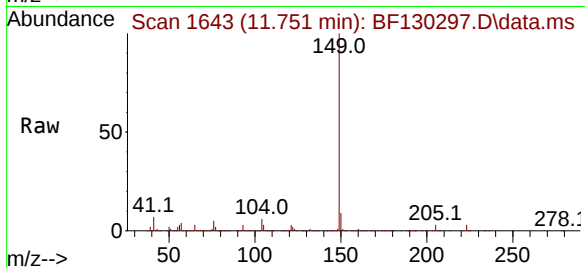
Tgt Ion:149 Resp: 714056

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

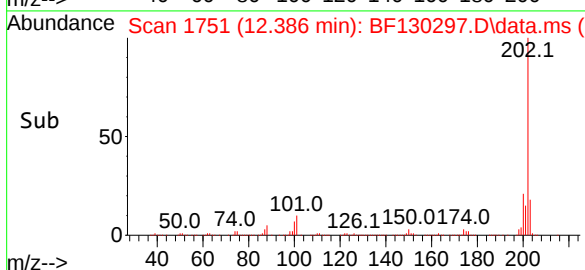
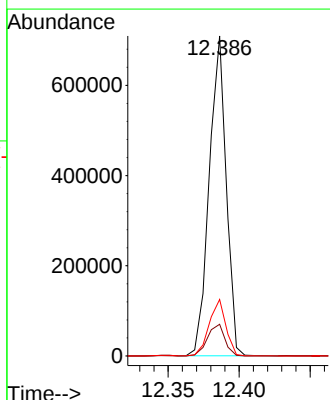
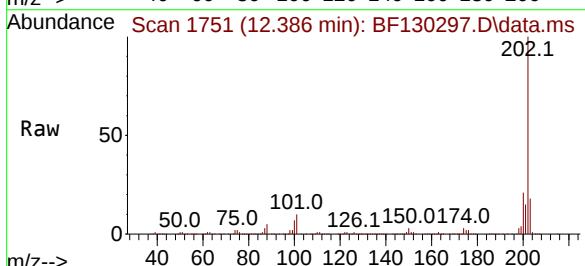
Tgt Ion:202 Resp: 591281

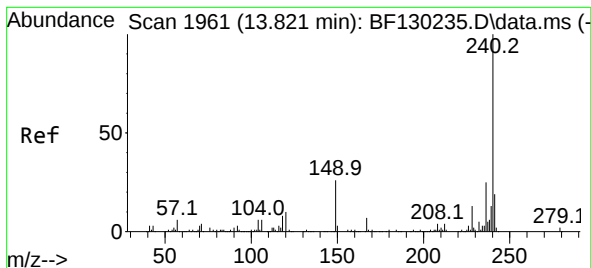
Ion Ratio Lower Upper

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

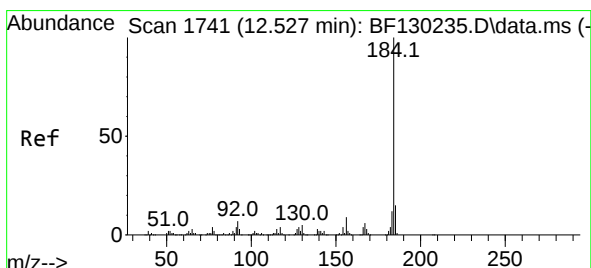
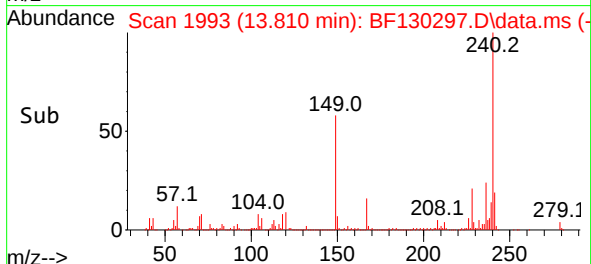
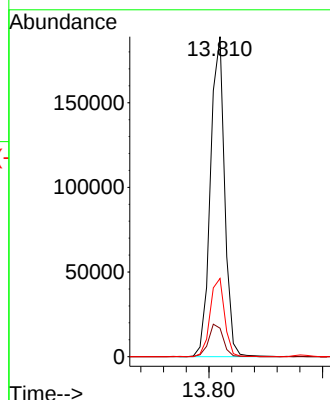
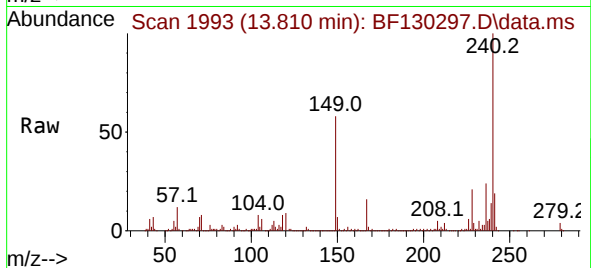
Tgt Ion:240 Resp: 163617

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

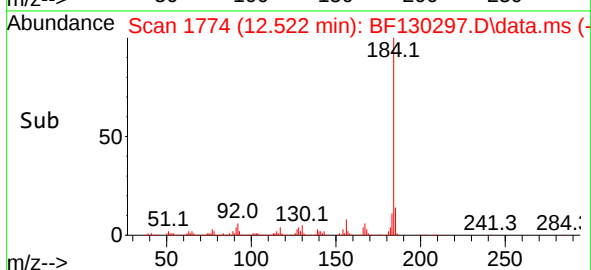
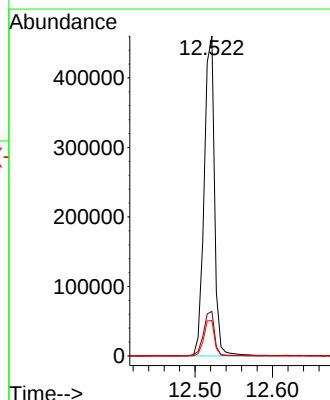
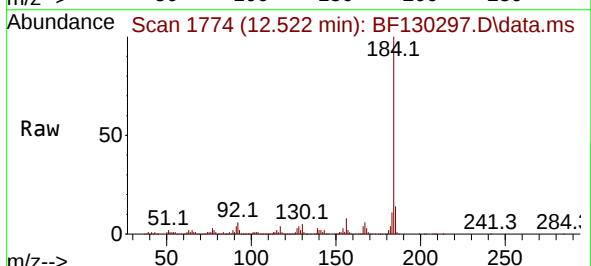
Tgt Ion:184 Resp: 425847

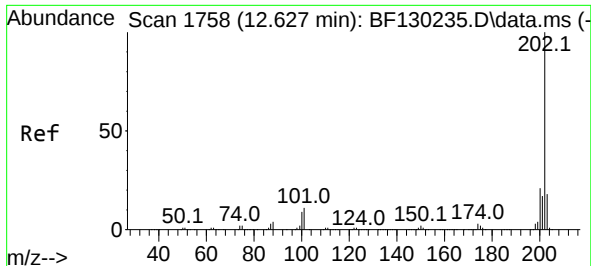
Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

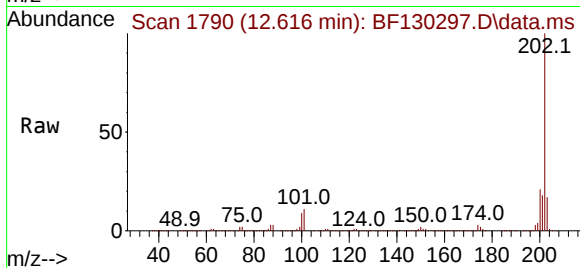
183 11.1 9.1 13.7



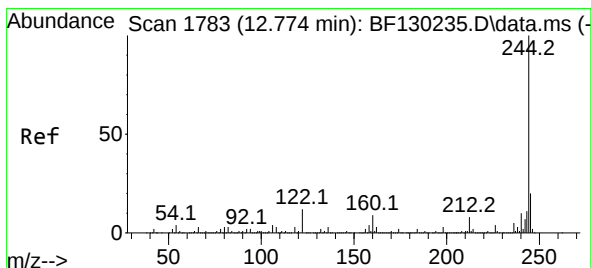
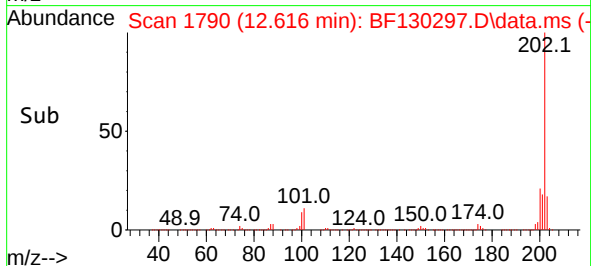
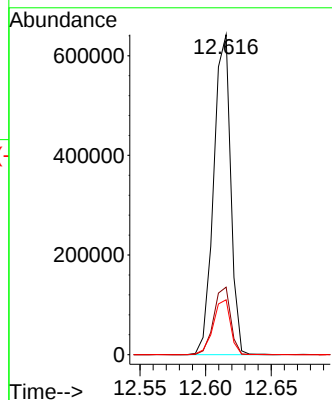


#78
 Pyrene
 Concen: 40.472 ng
 RT: 12.616 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

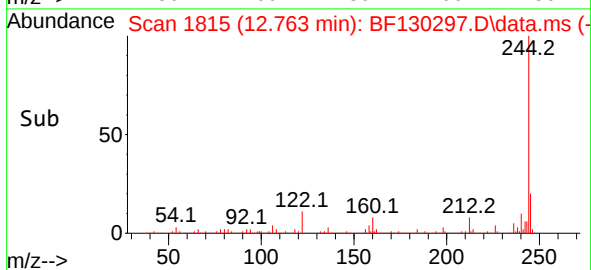
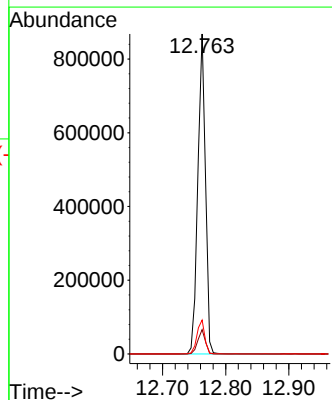
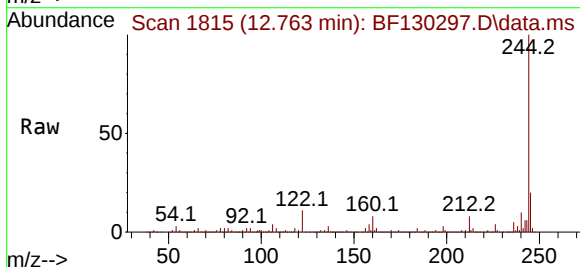


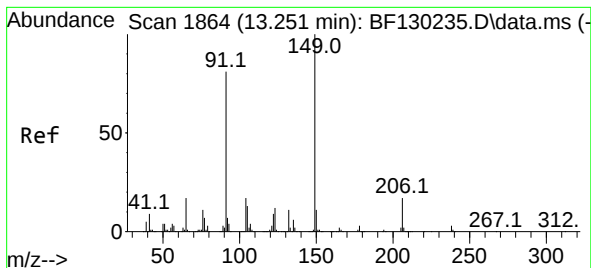
Tgt Ion:202 Resp: 579294
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 17.1 14.3 21.5



#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

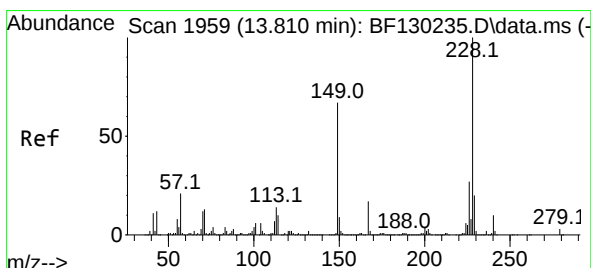
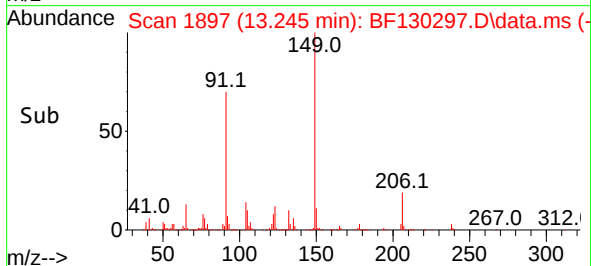
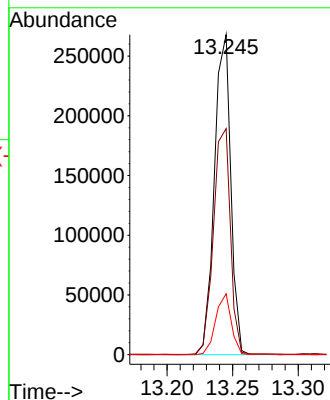
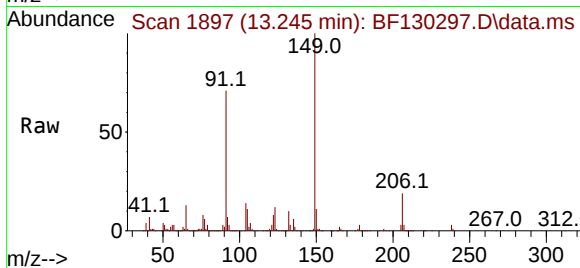
Tgt Ion:149 Resp: 232585

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

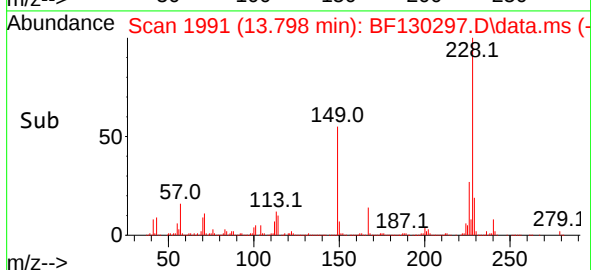
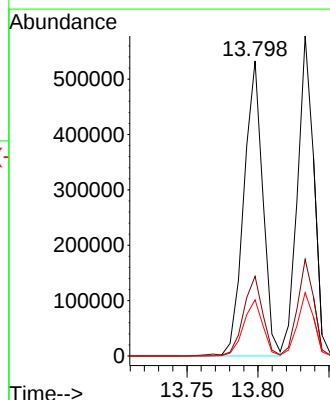
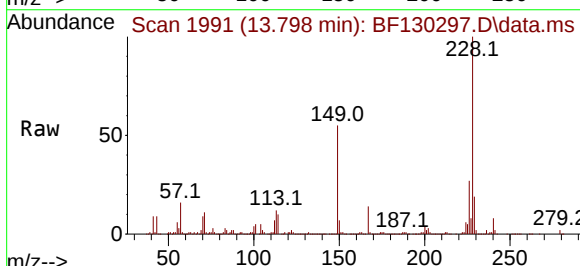
Tgt Ion:228 Resp: 493728

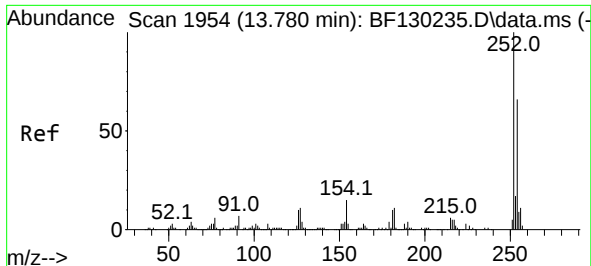
Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 19.1 16.1 24.1

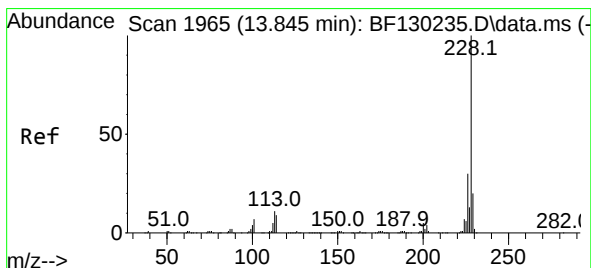
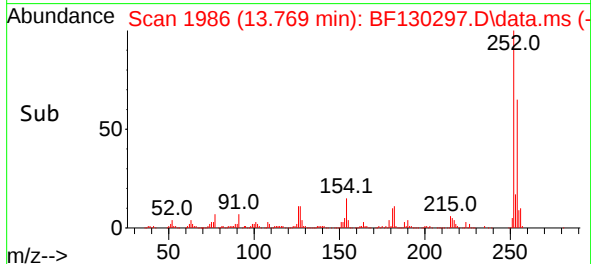
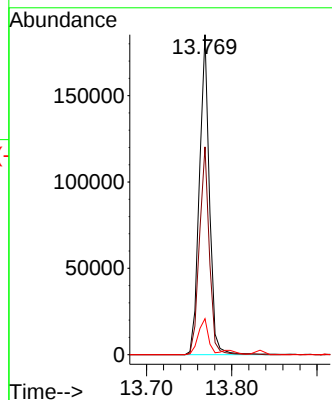
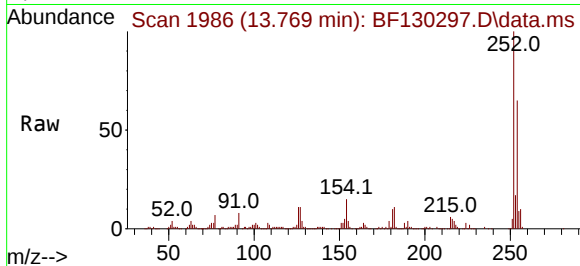




#82
 3,3'-Dichlorobenzidine
 Concen: 51.296 ng
 RT: 13.769 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: BF130297.D
 Acq: 16 Sep 2022 18:52

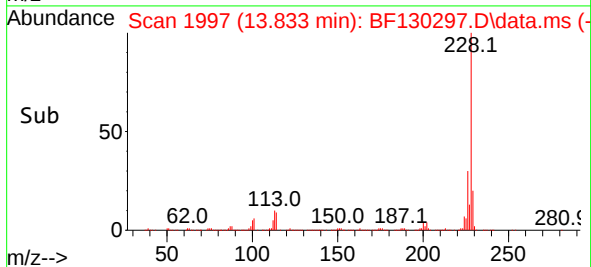
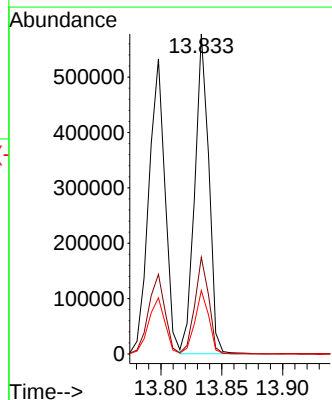
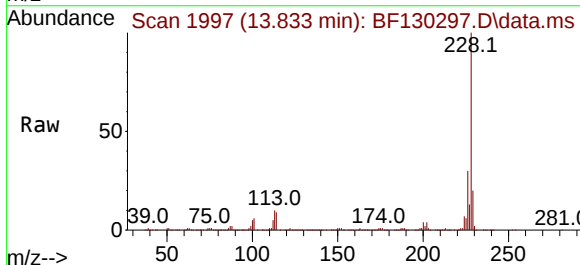
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MSD

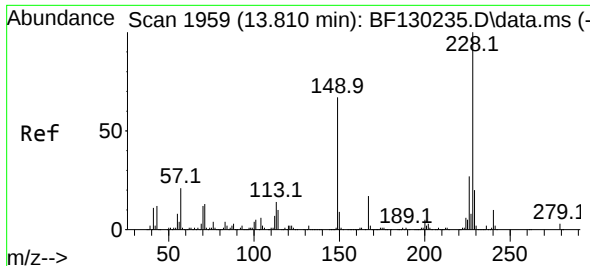
Tgt Ion:252 Resp: 151984
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.1 76.7
 126 11.3 10.4 15.6



#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

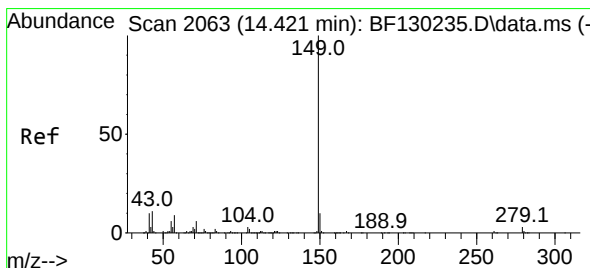
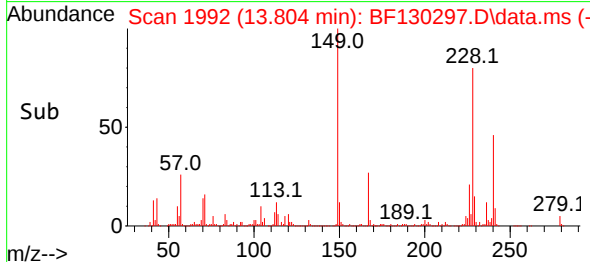
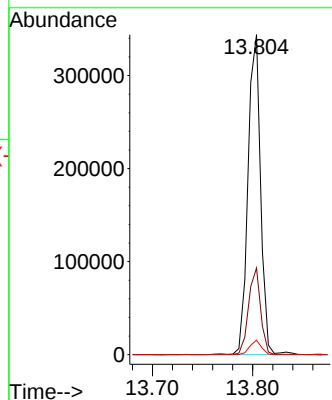
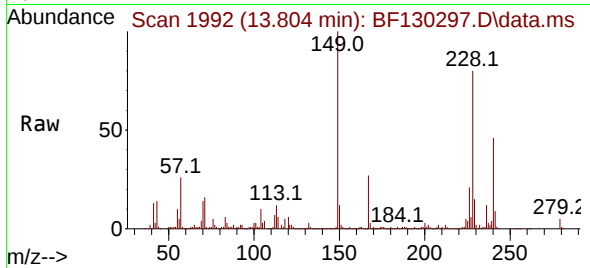




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.278 ng
RT: 13.804 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

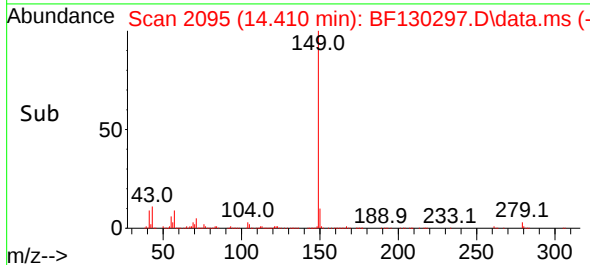
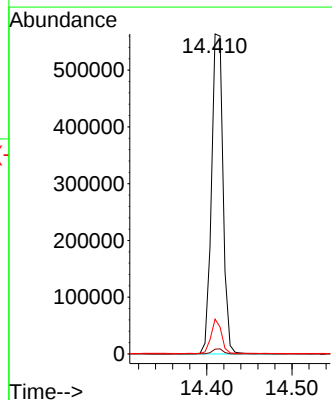
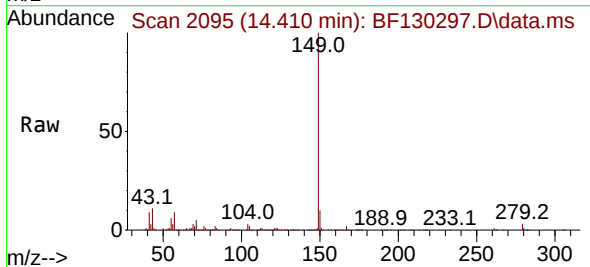
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

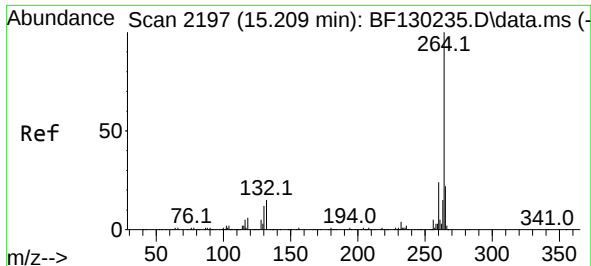
Tgt Ion:149 Resp: 299301
Ion Ratio Lower Upper
149 100
167 27.1 20.5 30.7
279 4.5 2.9 4.3#



#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



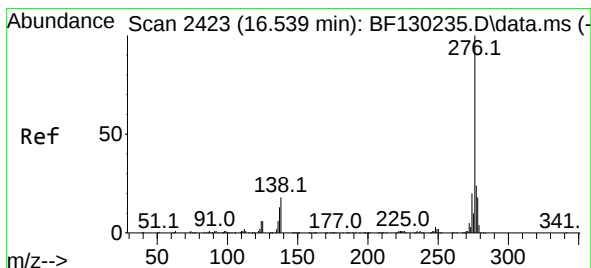
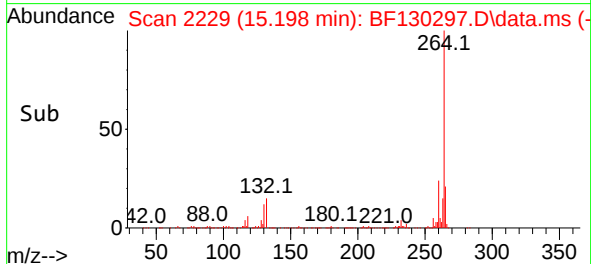
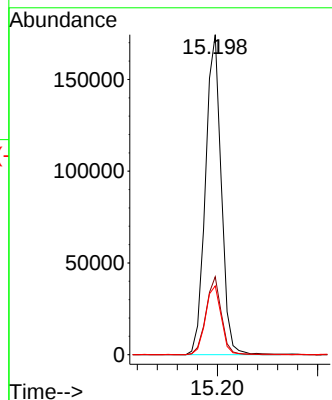
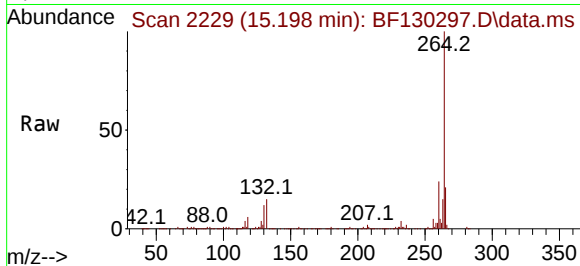


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

Instrument :
BNA_F
ClientSampleId :
HW-43MSD

Tgt Ion:264 Resp: 190904

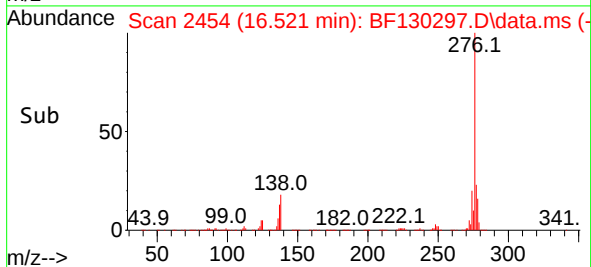
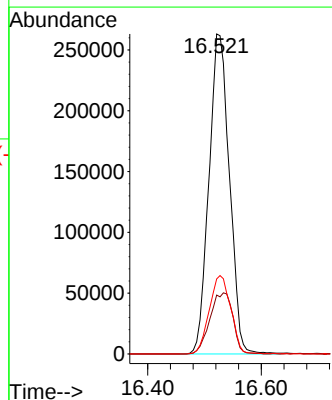
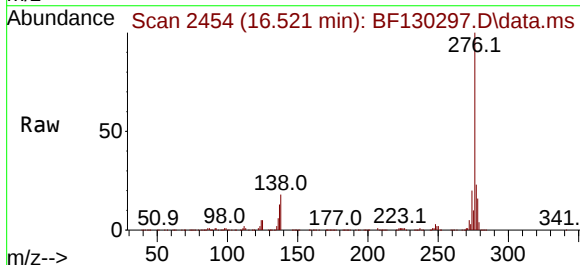
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.5	17.0	25.4

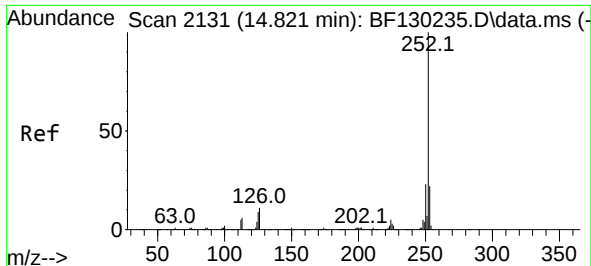


#87
Indeno(1,2,3-cd)pyrene
Concen: 48.645 ng
RT: 16.521 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

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

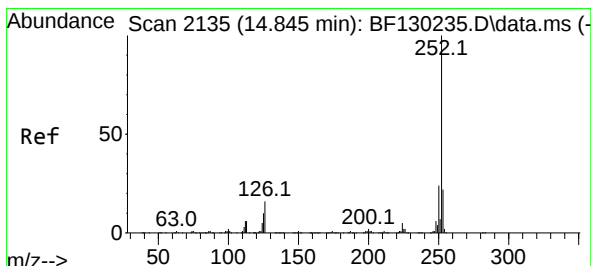
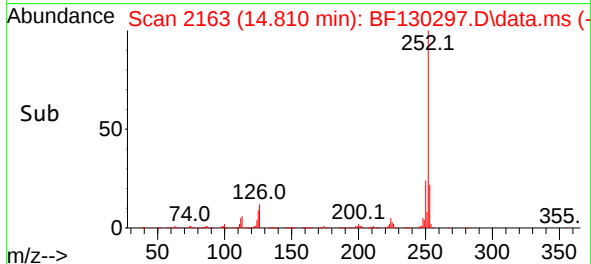
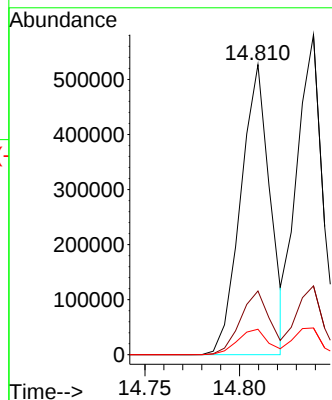
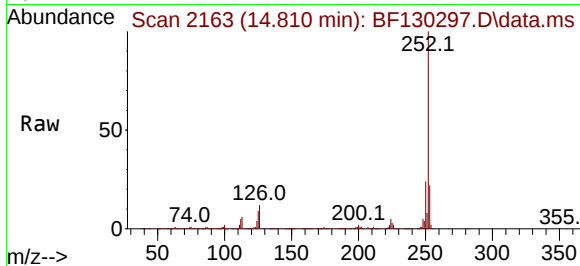




#88
Benzo(b)fluoranthene
Concen: 45.720 ng
RT: 14.810 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

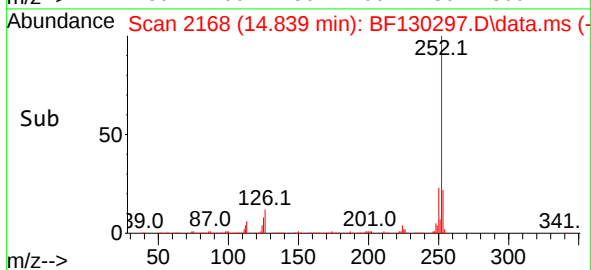
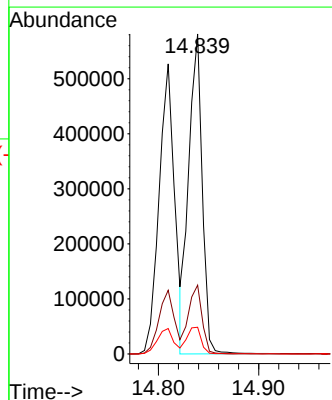
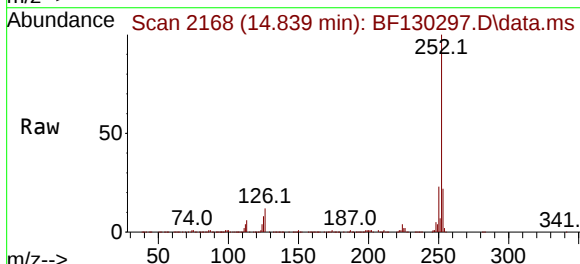
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

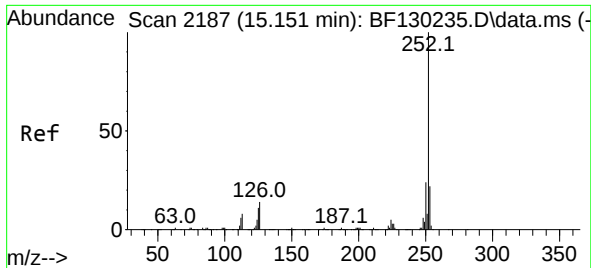
Tgt Ion:252 Resp: 569682
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.8 8.1 12.1



#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

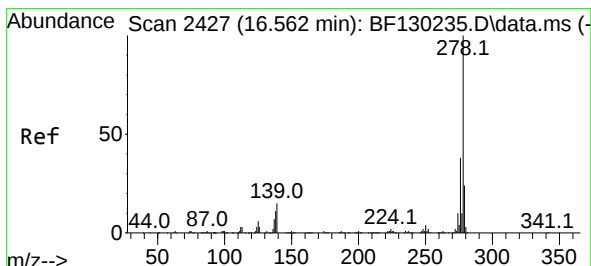
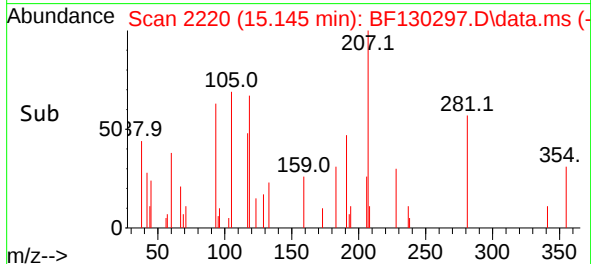
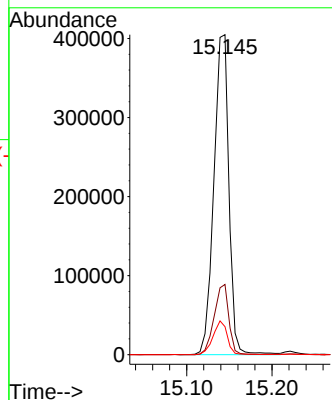
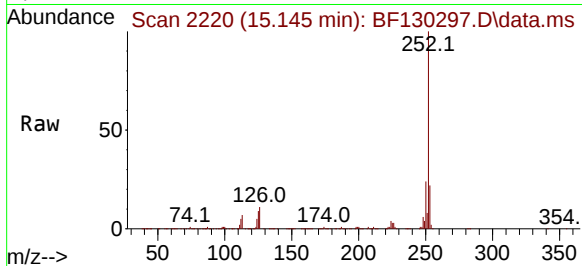




#90
Benzo(a)pyrene
Concen: 50.289 ng
RT: 15.145 min Scan# 2187
Delta R.T. 0.006 min
Lab File: BF130297.D
Acq: 16 Sep 2022 18:52

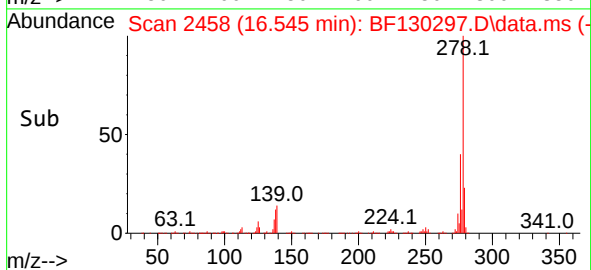
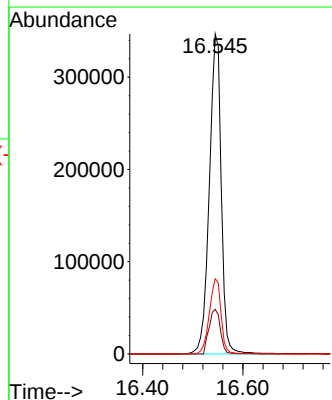
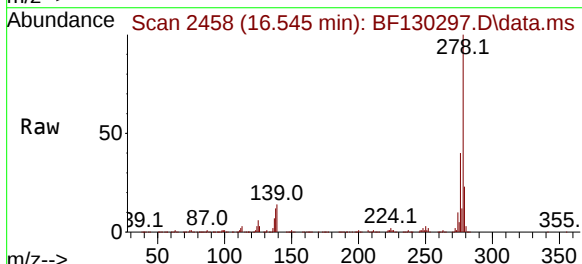
Instrument :
BNA_F
ClientSampleId :
HW-43MSD

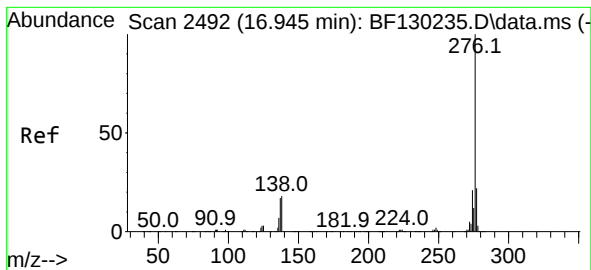
Tgt Ion:252 Resp: 496428
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.7 9.0 13.6#



#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

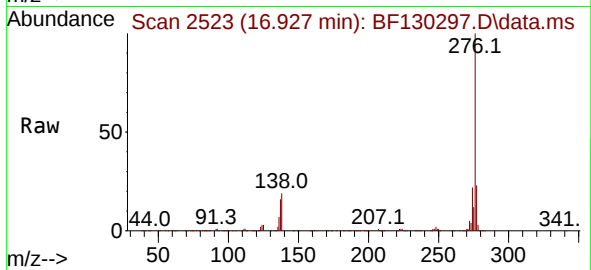
Acq: 16 Sep 2022 18:52

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

