

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130296.D
 Acq On : 16 Sep 2022 18:20
 Operator : CG\JU
 Sample : N4663-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

Quant Time: Sep 17 03:26:40 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	93229	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	359319	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	170827	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	242788	20.000	ng	0.00
76) Chrysene-d12	13.810	240	146680	20.000	ng	# 0.00
86) Perylene-d12	15.198	264	186348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	249423	46.404	ng	0.00
7) Phenol-d6	6.298	99	203380	30.240	ng	0.00
23) Nitrobenzene-d5	7.239	82	572433	81.389	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	132078	80.690	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1005487	85.711	ng	0.00
79) Terphenyl-d14	12.763	244	613189	69.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.340	88	40072	16.233	ng	96
3) Pyridine	3.022	79	154102	23.931	ng	95
4) n-Nitrosodimethylamine	2.969	42	58821	16.795	ng	98
6) Aniline	6.334	93	317452	38.309	ng	98
8) 2-Chlorophenol	6.451	128	176592	28.841	ng	92
9) Benzaldehyde	6.216	77	178542	39.632	ng	96
10) Phenol	6.310	94	99469	12.620	ng	94
11) bis(2-Chloroethyl)ether	6.410	93	254281	44.729	ng	92
12) 1,3-Dichlorobenzene	6.610	146	271415	40.286	ng	96
13) 1,4-Dichlorobenzene	6.686	146	277476	40.387	ng	99
14) 1,2-Dichlorobenzene	6.839	146	266218	41.480	ng	98
15) Benzyl Alcohol	6.816	79	100022	18.758	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.951	45	337943	40.758	ng	94
17) 2-Methylphenol	6.928	107	121609	24.432	ng	98
18) Hexachloroethane	7.181	117	107814	39.811	ng	95
19) n-Nitroso-di-n-propyla...	7.086	70	196758	43.356	ng	95
20) 3+4-Methylphenols	7.081	107	132522	20.496	ng	# 56
22) Acetophenone	7.081	105	398231	45.332	ng	93
24) Nitrobenzene	7.257	77	300011	42.009	ng	95
25) Isophorone	7.492	82	521343	45.990	ng	100
26) 2-Nitrophenol	7.569	139	100506	34.331	ng	94
27) 2,4-Dimethylphenol	7.610	122	185761	41.210	ng	98
28) bis(2-Chloroethoxy)met...	7.710	93	310738	48.681	ng	99
29) 2,4-Dichlorophenol	7.810	162	157687	31.923	ng	93
30) 1,2,4-Trichlorobenzene	7.892	180	218809	40.971	ng	96
31) Naphthalene	7.975	128	774101	41.817	ng	99
32) Benzoic acid	7.610	122	185761	53.289	ng	# 11
33) 4-Chloroaniline	8.028	127	287682	40.861	ng	97
34) Hexachlorobutadiene	8.092	225	138254	40.507	ng	97
35) Caprolactam	8.375	113	8876	6.268	ng	90
36) 4-Chloro-3-methylphenol	8.504	107	172337	31.476	ng	99
37) 2-Methylnaphthalene	8.663	142	499322	42.305	ng	98
38) 1-Methylnaphthalene	8.763	142	473374	41.750	ng	100
40) 1,2,4,5-Tetrachloroben...	8.828	216	219328	47.046	ng	98
41) Hexachlorocyclopentadiene	8.816	237	229486	91.943	ng	99
43) 2,4,6-Trichlorophenol	8.939	196	73968	22.734	ng	98

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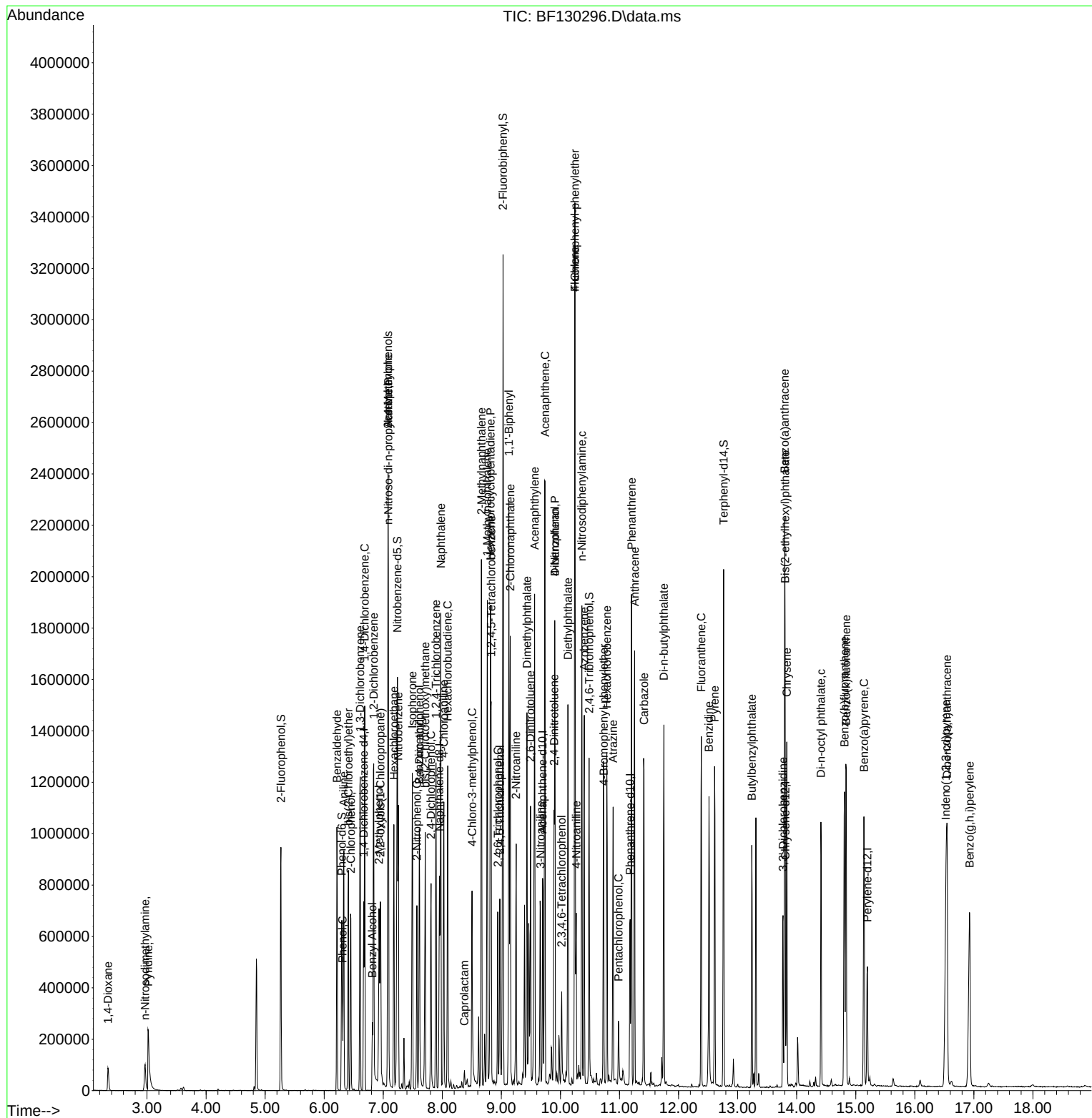
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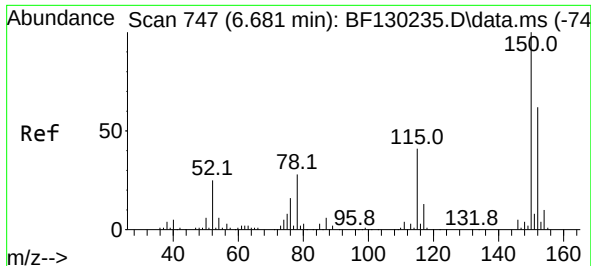
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	100945	28.751	ng	96
46) 1,1'-Biphenyl	9.128	154	603561	47.308	ng	99
47) 2-Chloronaphthalene	9.151	162	461966	44.762	ng	98
48) 2-Nitroaniline	9.251	65	141518	41.113	ng	92
49) Acenaphthylene	9.563	152	687943	44.458	ng	99
50) Dimethylphthalate	9.433	163	519035	43.986	ng	100
51) 2,6-Dinitrotoluene	9.492	165	111864	45.329	ng	96
52) Acenaphthene	9.739	154	539708	53.085	ng	99
53) 3-Nitroaniline	9.663	138	104732	38.086	ng	88
55) Dibenzofuran	9.904	168	618475	43.735	ng	98
56) 4-Nitrophenol	9.904	139	270957	135.285	ng	# 1
57) 2,4-Dinitrotoluene	9.892	165	139581	44.256	ng	88
58) Fluorene	10.245	166	519281	44.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	32781	11.929	ng	# 74
60) Diethylphthalate	10.127	149	490390	41.442	ng	100
61) 4-Chlorophenyl-phenyle...	10.245	204	222153	43.788	ng	97
62) 4-Nitroaniline	10.269	138	97862	35.426	ng	96
63) Azobenzene	10.404	77	469319	38.517	ng	95
66) n-Nitrosodiphenylamine	10.363	169	403962	49.791	ng	98
67) 4-Bromophenyl-phenylether	10.733	248	132636	49.522	ng	95
68) Hexachlorobenzene	10.786	284	150020	49.412	ng	# 91
69) Atrazine	10.892	200	110841	46.749	ng	96
70) Pentachlorophenol	10.986	266	32290	19.817	ng	99
71) Phenanthrene	11.204	178	598006	43.871	ng	100
72) Anthracene	11.257	178	607162	46.157	ng	99
73) Carbazole	11.416	167	508474	42.831	ng	99
74) Di-n-butylphthalate	11.751	149	610858	42.670	ng	99
75) Fluoranthene	12.386	202	509965	38.717	ng	97
77) Benzidine	12.516	184	385024	90.424	ng	100
78) Pyrene	12.610	202	495540	38.619	ng	100
80) Butylbenzylphthalate	13.239	149	202066	42.508	ng	99
81) Benzo(a)anthracene	13.798	228	435365	44.617	ng	99
82) 3,3'-Dichlorobenzidine	13.768	252	136786	51.497	ng	# 97
83) Chrysene	13.833	228	413721	44.654	ng	99
84) Bis(2-ethylhexyl)phtha...	13.804	149	261884	48.097	ng	99
85) Di-n-octyl phthalate	14.410	149	472543	56.741	ng	97
87) Indeno(1,2,3-cd)pyrene	16.527	276	652996	49.414	ng	98
88) Benzo(b)fluoranthene	14.810	252	550283	45.243	ng	98
89) Benzo(k)fluoranthene	14.839	252	513464	42.915	ng	98
90) Benzo(a)pyrene	15.139	252	475466	49.343	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	565643	52.178	ng	99
92) Benzo(g,h,i)perylene	16.927	276	559314	51.217	ng	98

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

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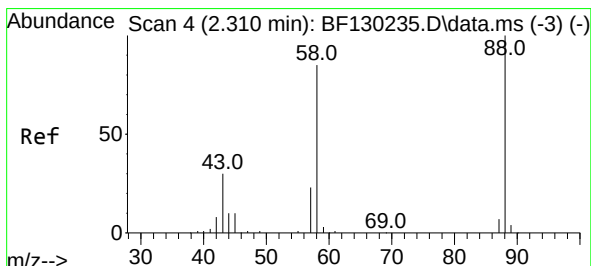
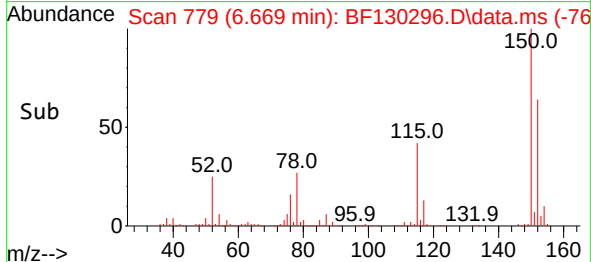
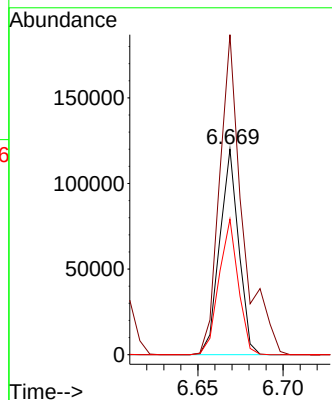
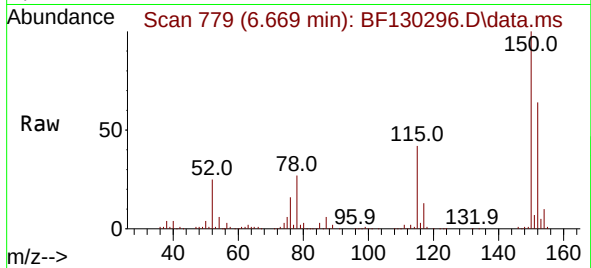




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

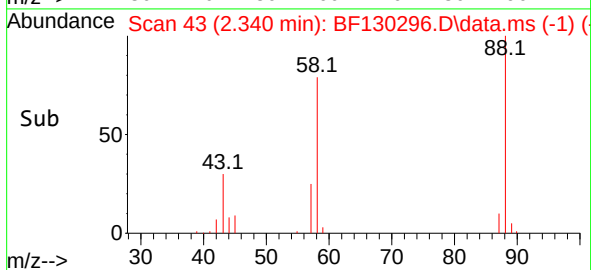
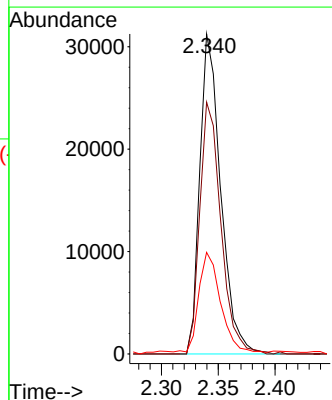
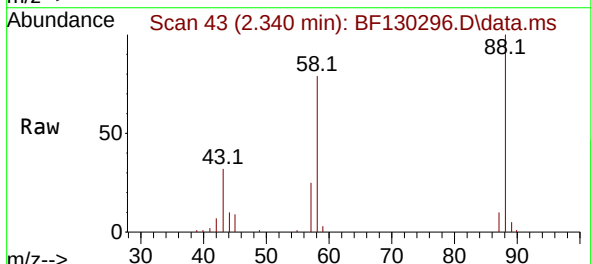
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 ClientSampleId :
 HW-43MS

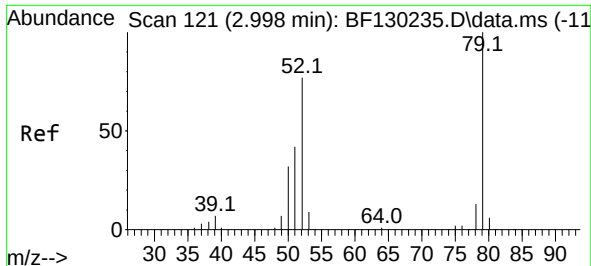
Tgt Ion:152 Resp: 93229
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.8 184.2
 115 65.9 53.8 80.8



#2
 1,4-Dioxane
 Concen: 16.233 ng
 RT: 2.340 min Scan# 43
 Delta R.T. 0.035 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion: 88 Resp: 40072
 Ion Ratio Lower Upper
 88 100
 58 79.4 61.3 91.9
 43 32.9 23.0 34.6





#3

Pyridine

Concen: 23.931 ng

RT: 3.022 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

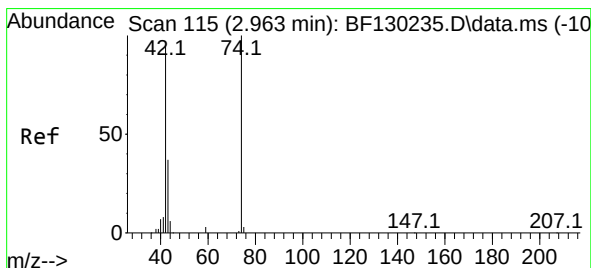
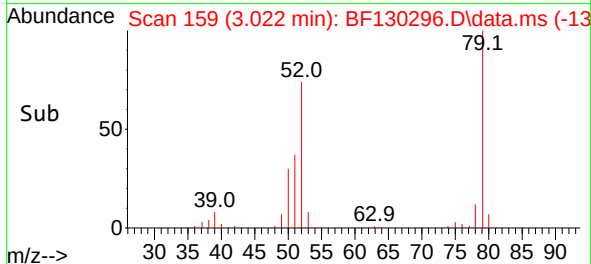
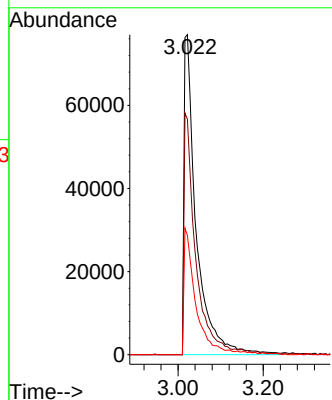
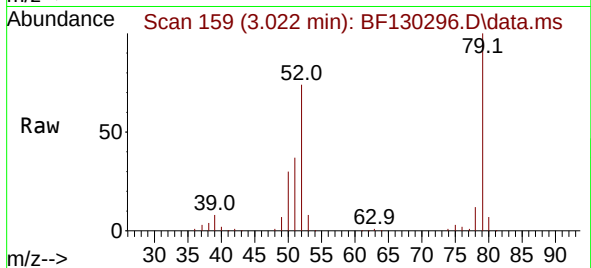
Tgt Ion: 79 Resp: 154102

Ion Ratio Lower Upper

79 100

52 73.6 62.4 93.6

51 37.3 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 16.795 ng

RT: 2.969 min Scan# 150

Delta R.T. 0.018 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

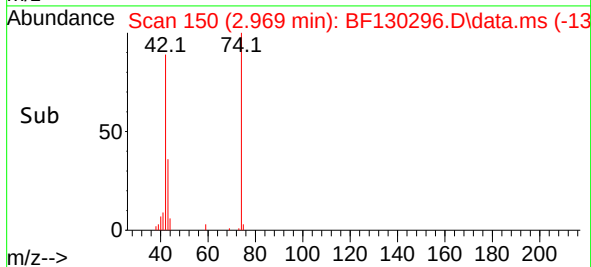
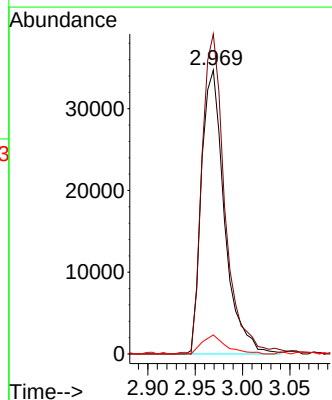
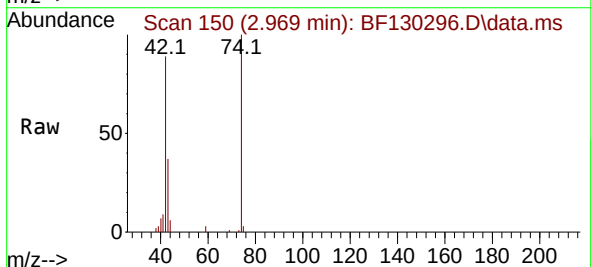
Tgt Ion: 42 Resp: 58821

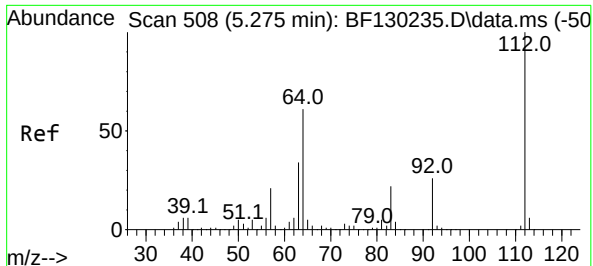
Ion Ratio Lower Upper

42 100

74 112.7 88.4 132.6

44 6.7 5.0 7.4

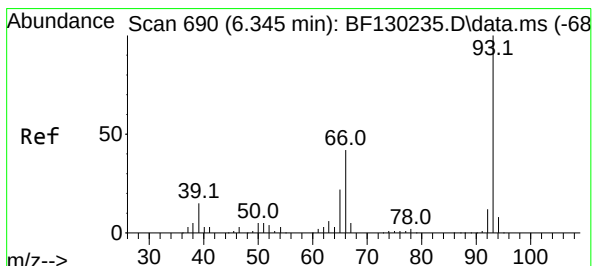
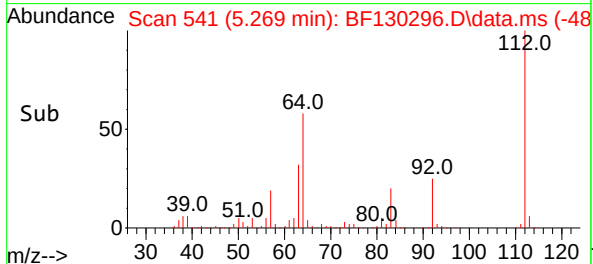
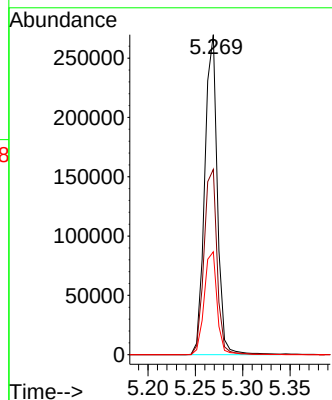
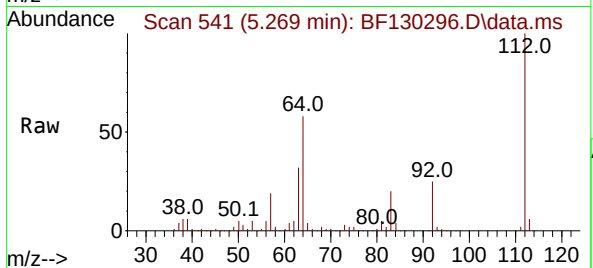




#5
2-Fluorophenol
Concen: 46.404 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

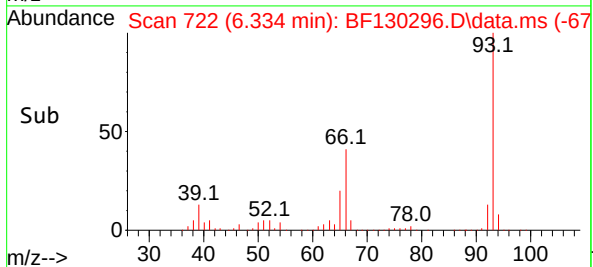
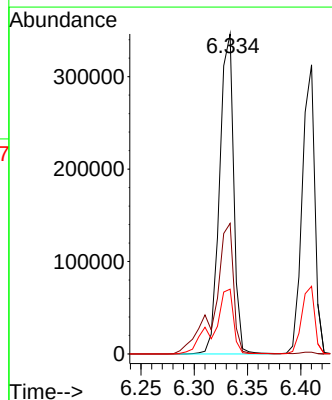
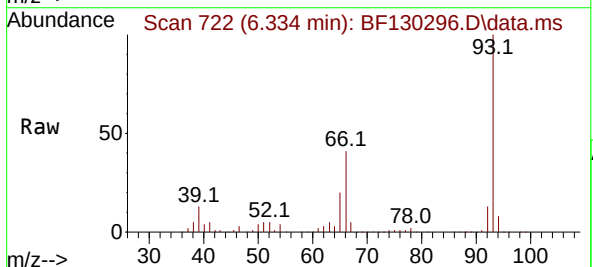
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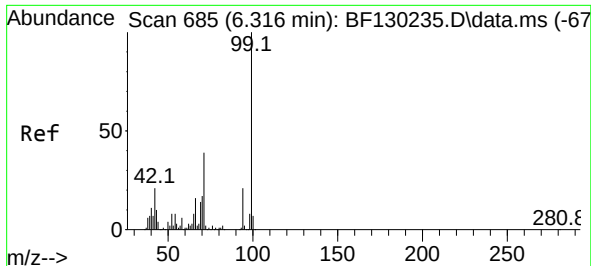
Tgt Ion:112 Resp: 249423
Ion Ratio Lower Upper
112 100
64 57.9 51.4 77.0
63 32.2 28.8 43.2



#6
Aniline
Concen: 38.309 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 93 Resp: 317452
Ion Ratio Lower Upper
93 100
66 40.8 34.2 51.4
65 20.3 16.6 24.8

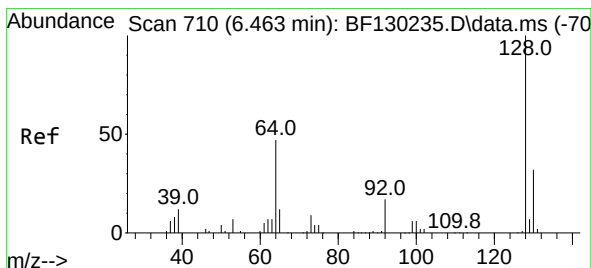
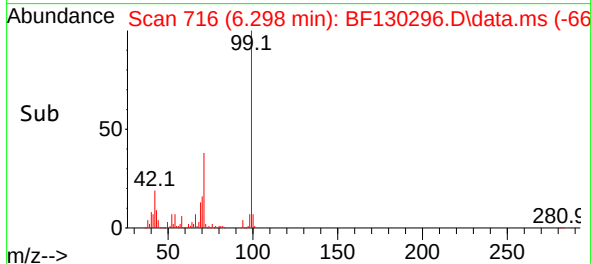
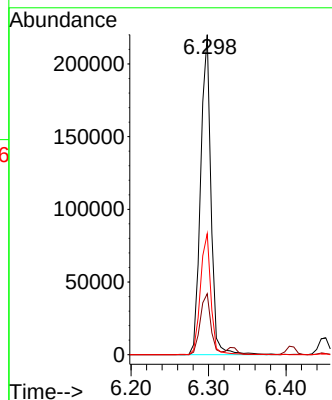
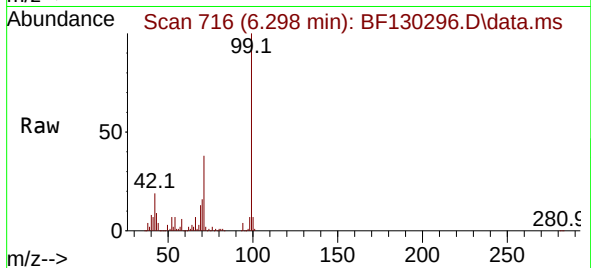




#7
Phenol-d6
Concen: 30.240 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

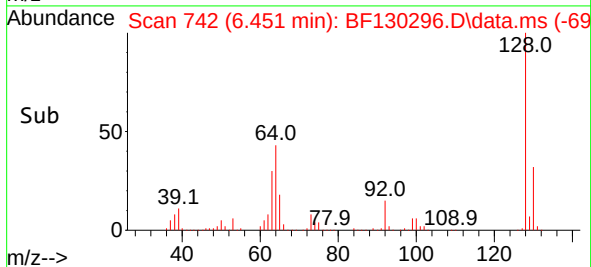
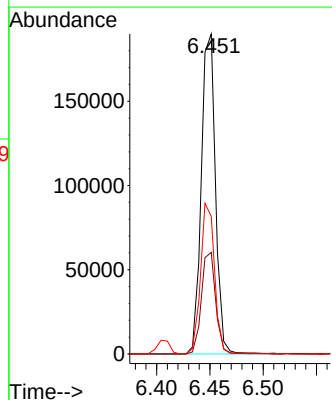
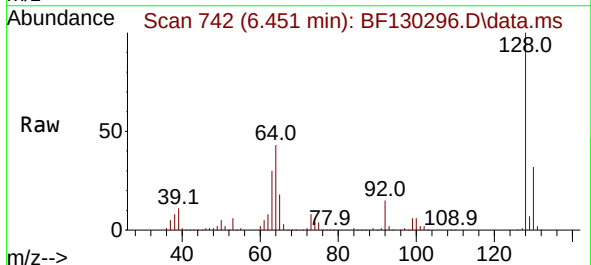
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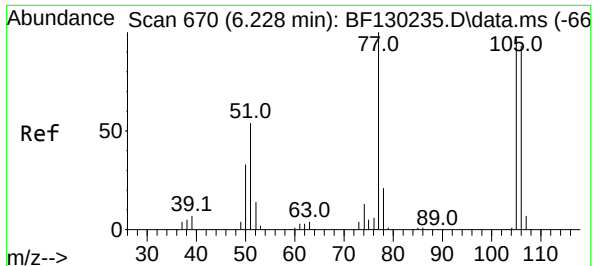
Tgt Ion: 99 Resp: 203380
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 37.8 32.3 48.5



#8
2-Chlorophenol
Concen: 28.841 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 128 Resp: 176592
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 43.0 31.6 71.6

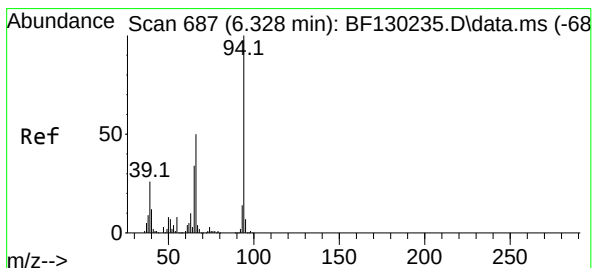
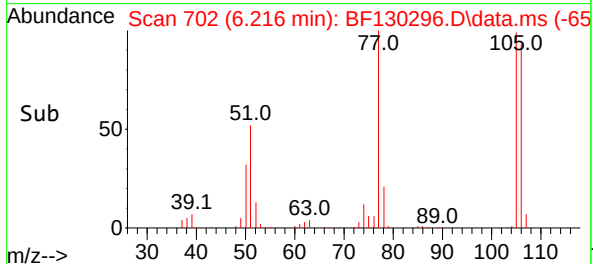
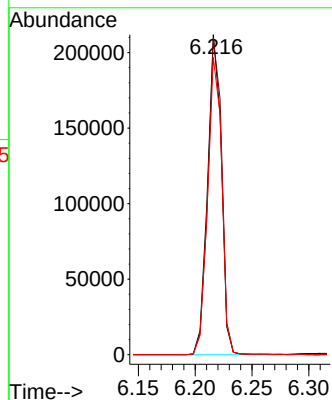
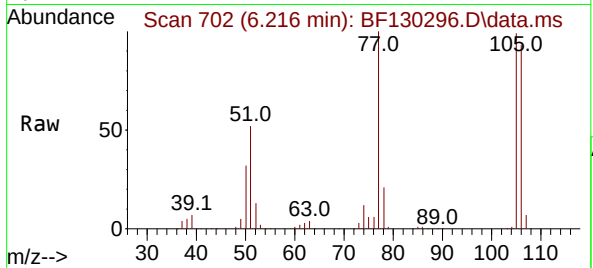




#9
Benzaldehyde
Concen: 39.632 ng
RT: 6.216 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

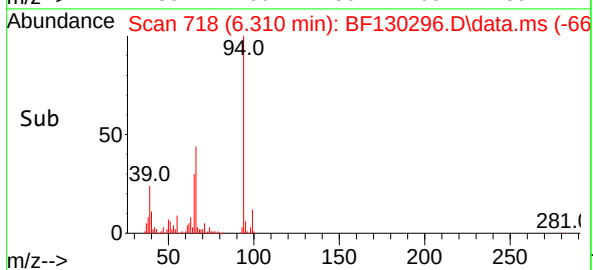
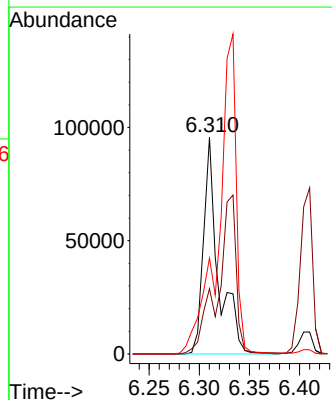
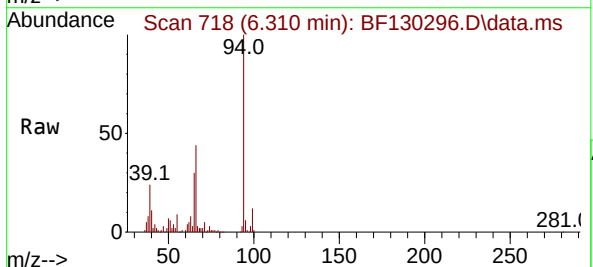
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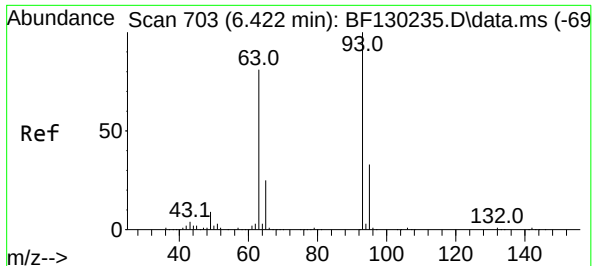
Tgt Ion: 77 Resp: 178542
Ion Ratio Lower Upper
77 100
105 99.0 75.1 115.1
106 92.8 69.7 109.7



#10
Phenol
Concen: 12.620 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 94 Resp: 99469
Ion Ratio Lower Upper
94 100
65 30.1 14.1 54.1
66 44.2 28.1 68.1

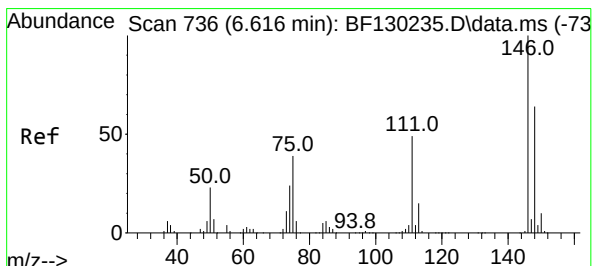
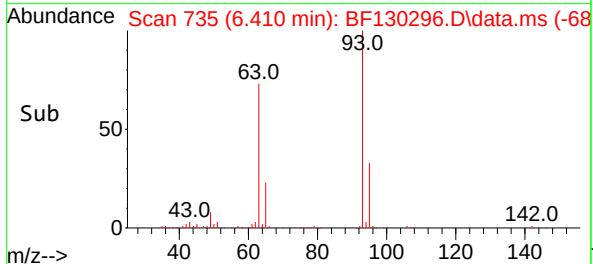
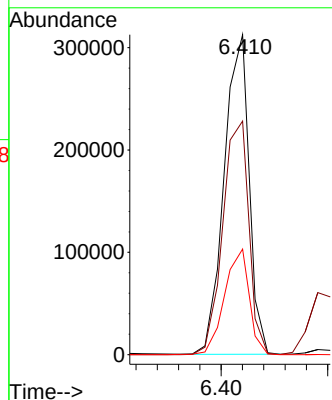
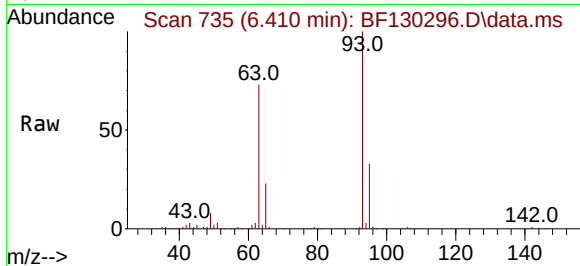




#11
bis(2-Chloroethyl)ether
Concen: 44.729 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

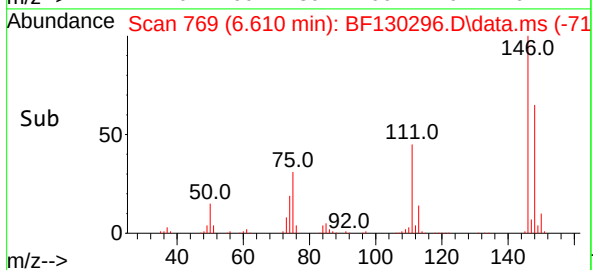
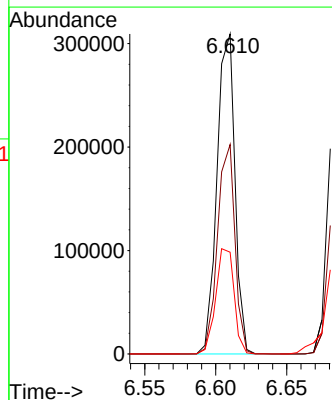
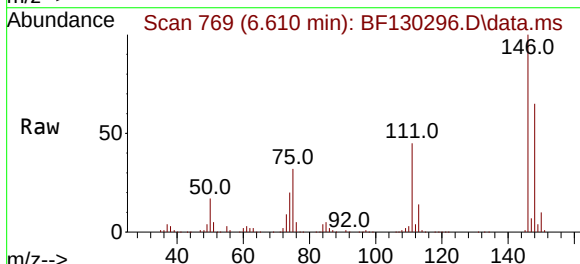
Instrument :
BNA_F
ClientSampleId :
HW-43MS

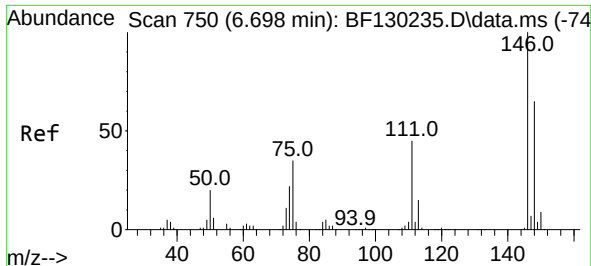
Tgt Ion: 93 Resp: 254281
Ion Ratio Lower Upper
93 100
63 73.0 62.5 102.5
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.286 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:146 Resp: 271415
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
75 31.8 28.8 43.2

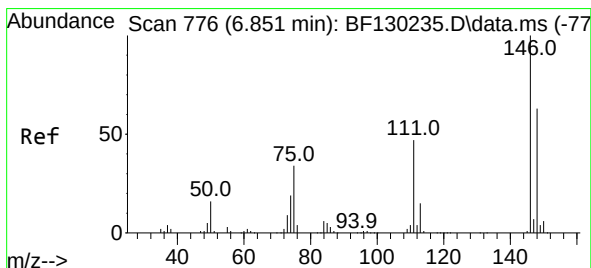
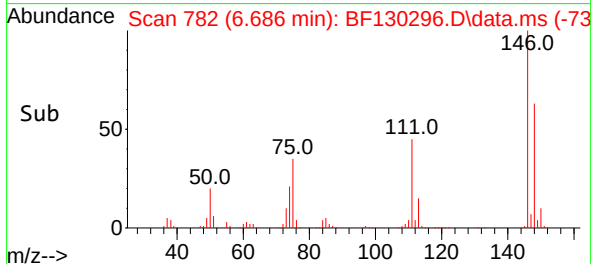
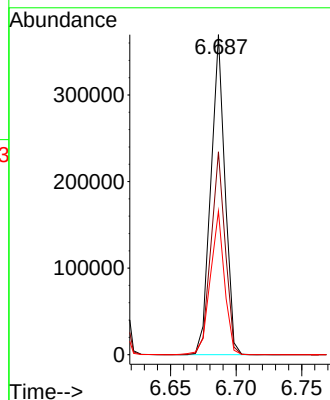
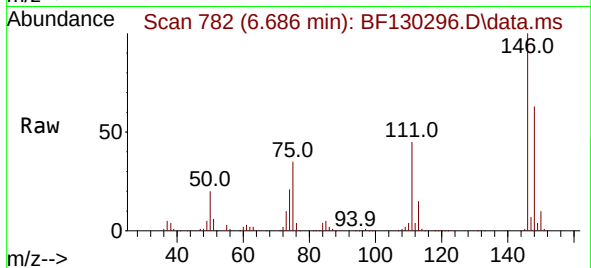




#13
1,4-Dichlorobenzene
Concen: 40.387 ng
RT: 6.686 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

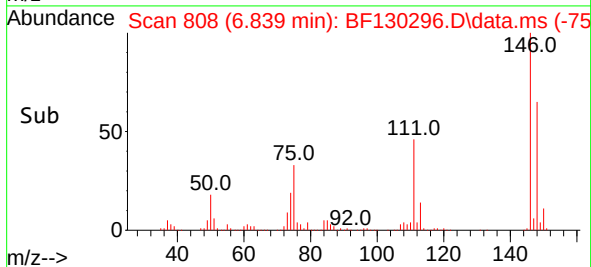
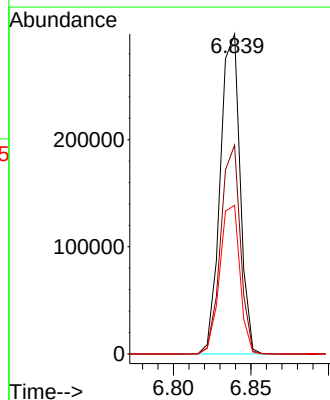
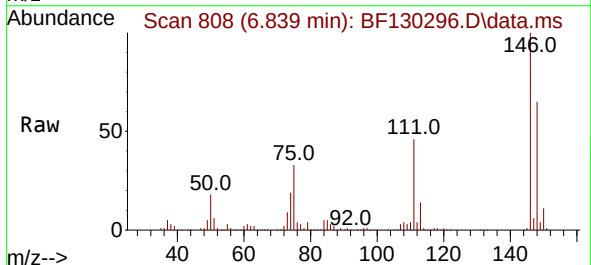
Instrument :
BNA_F
ClientSampleId :
HW-43MS

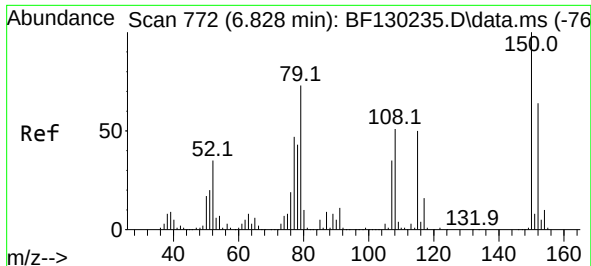
Tgt Ion:146 Resp: 277476
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 44.9 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 41.480 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:146 Resp: 266218
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
111 46.5 39.2 58.8

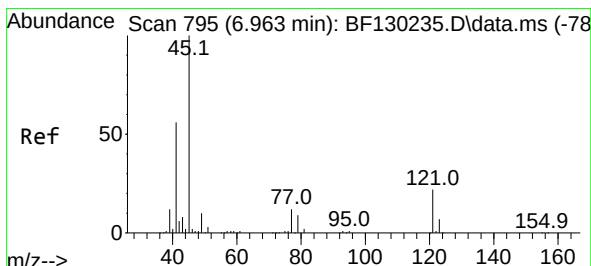
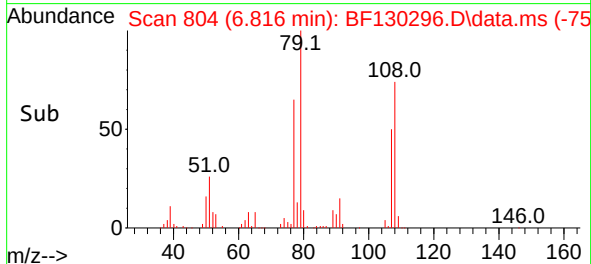
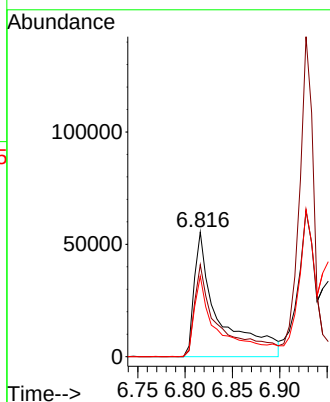
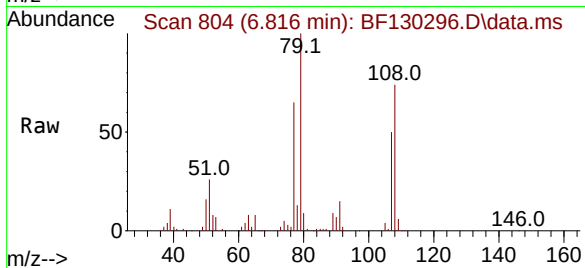




#15
Benzyl Alcohol
Concen: 18.758 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

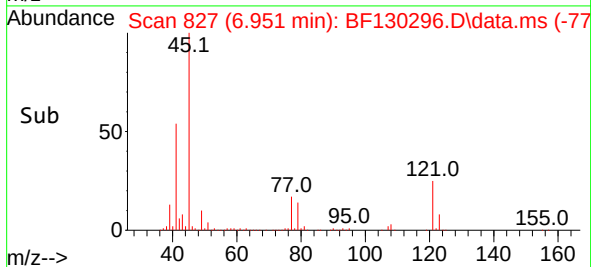
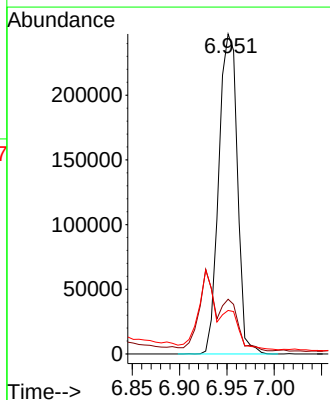
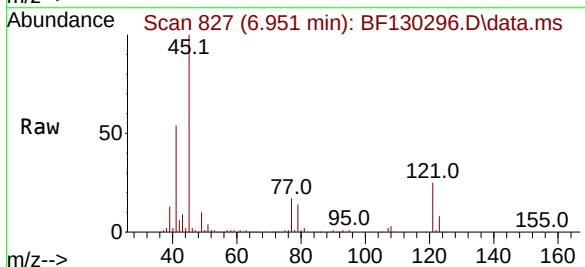
Instrument :
BNA_F
ClientSampleId :
HW-43MS

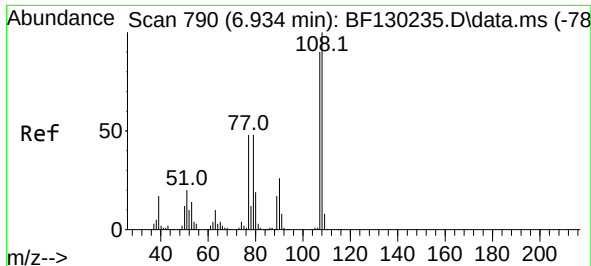
Tgt Ion: 79 Resp: 100022
Ion Ratio Lower Upper
79 100
108 73.8 54.0 81.0
77 64.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.758 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 45 Resp: 337943
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.9
79 13.6 0.0 31.0

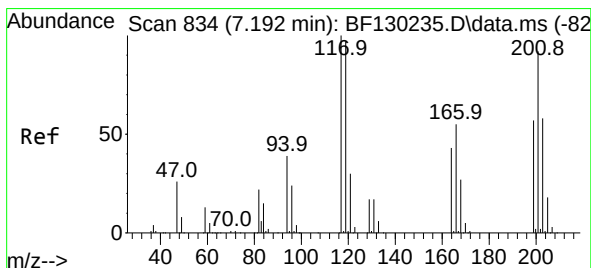
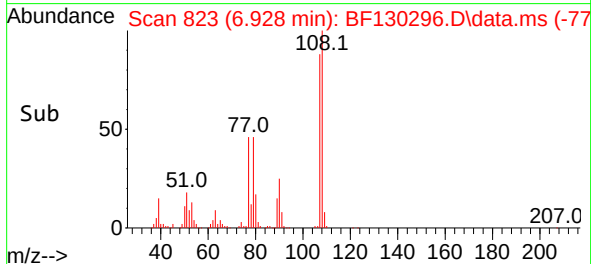
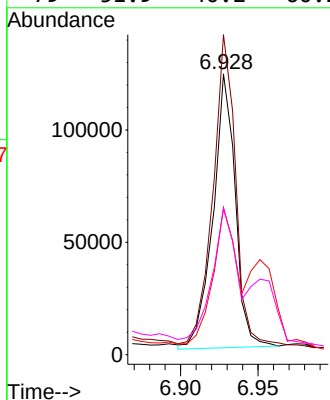
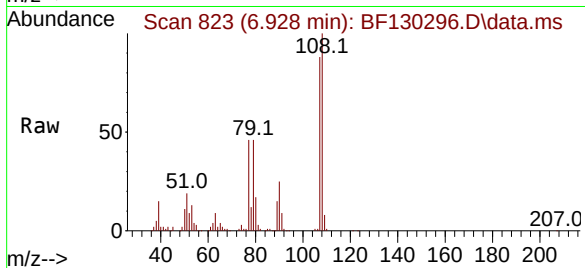




#17
2-Methylphenol
Concen: 24.432 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

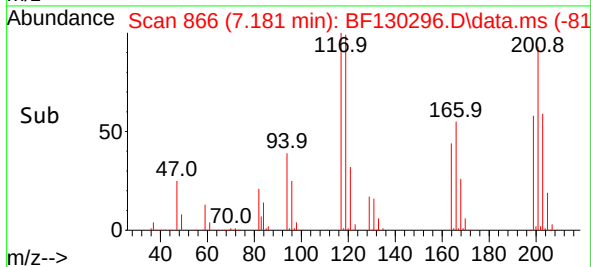
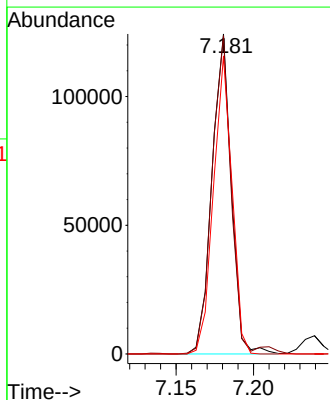
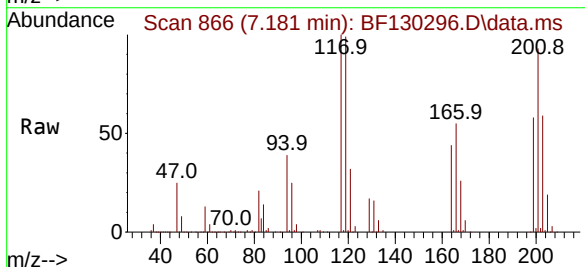
Instrument :
BNA_F
ClientSampleId :
HW-43MS

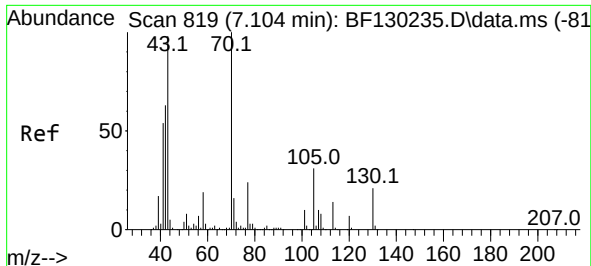
Tgt Ion:	107	Resp:	121609
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.4	134.0
77	52.4	40.6	60.8
79	51.9	40.2	60.2



#18
Hexachloroethane
Concen: 39.811 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:	117	Resp:	107814
Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.8	116.6
201	93.1	68.7	103.1



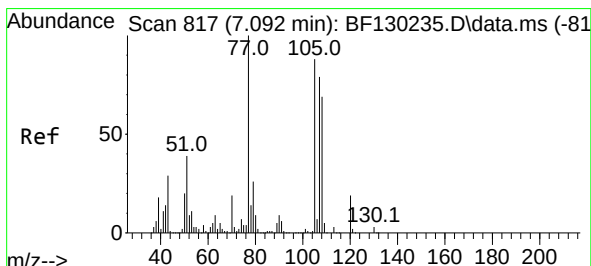
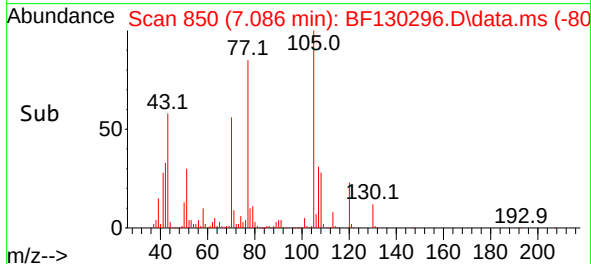
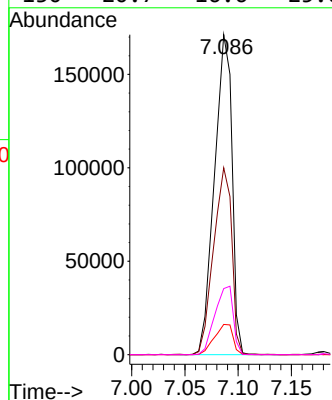
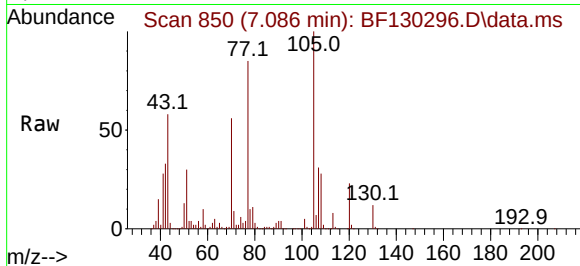


#19
n-Nitroso-di-n-propylamine
Concen: 43.356 ng
RT: 7.086 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion: 70 Resp: 196758

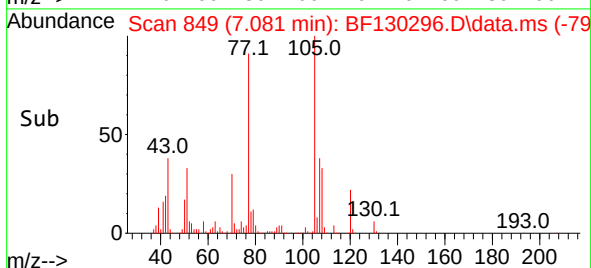
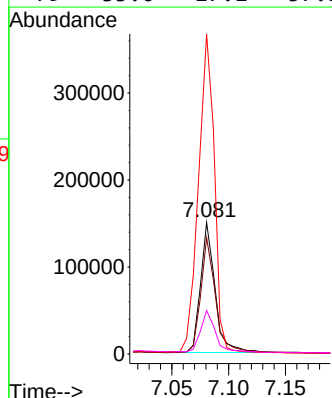
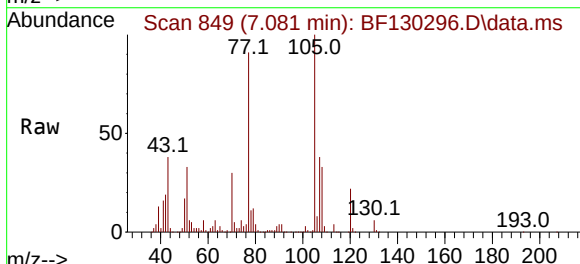
Ion	Ratio	Lower	Upper
70	100		
42	58.4	50.8	76.2
101	9.5	8.2	12.4
130	20.7	16.6	25.0

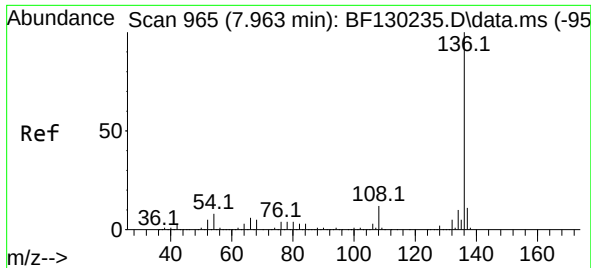


#20
3+4-Methylphenols
Concen: 20.496 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 107 Resp: 132522

Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.8	114.8
77	243.2	125.8	165.8#
79	33.0	17.1	57.1

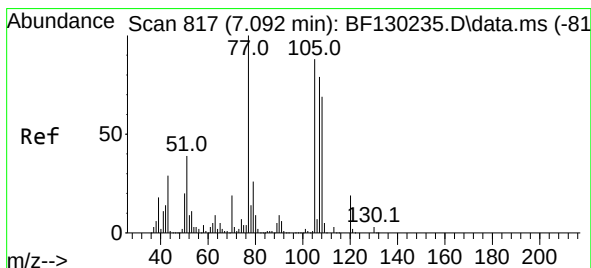
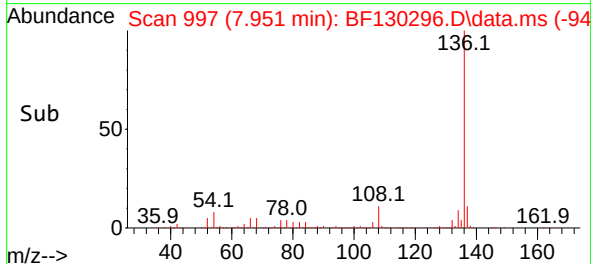
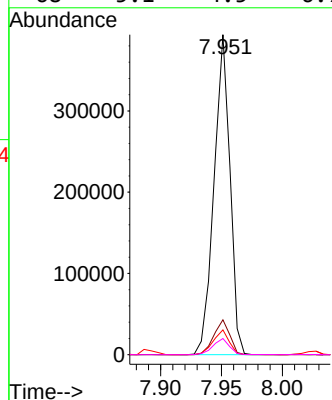
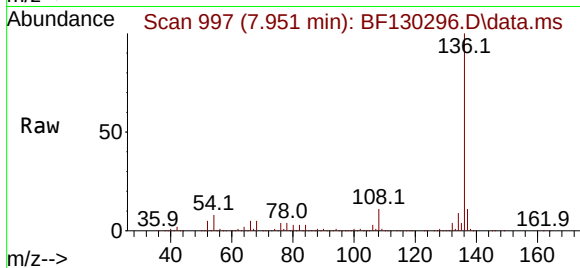




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

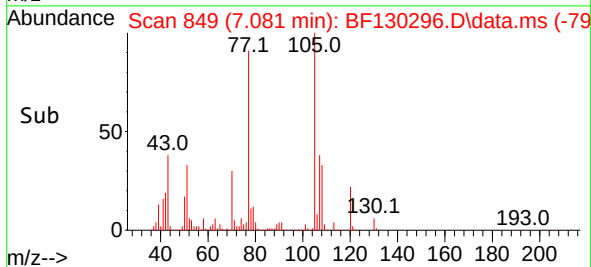
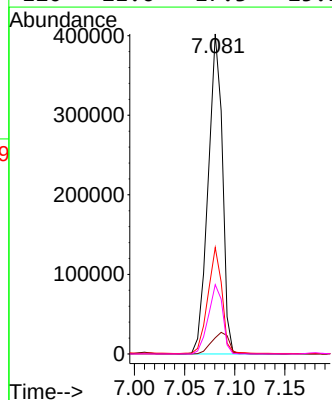
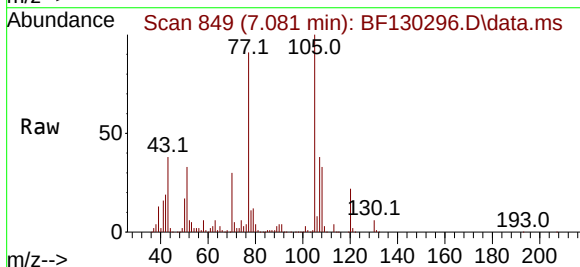
Instrument :
BNA_F
ClientSampleId :
HW-43MS

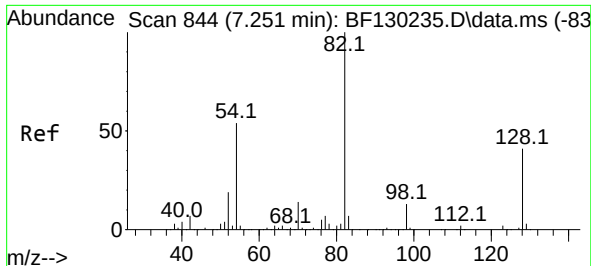
Tgt Ion:	136	Resp:	359319
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.7	7.1	10.7
68	5.1	4.5	6.7



#22
Acetophenone
Concen: 45.332 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:	105	Resp:	398231
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.9	5.9
51	33.3	32.2	48.2
120	21.6	17.3	25.9

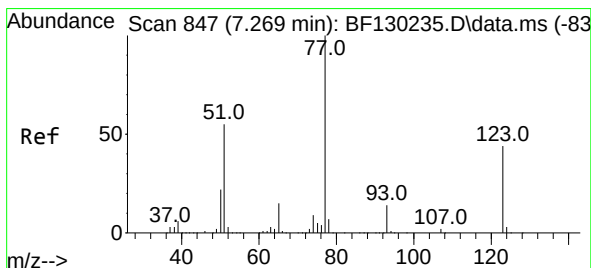
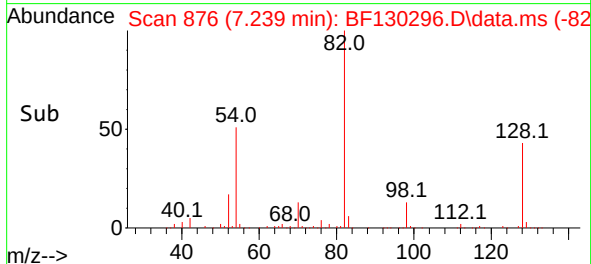
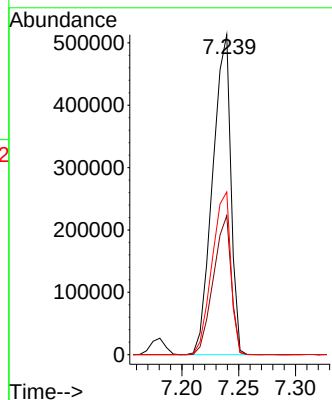
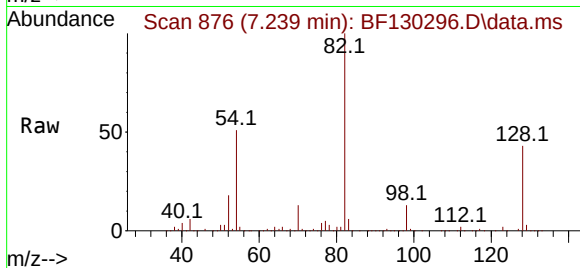




#23
Nitrobenzene-d5
Concen: 81.389 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

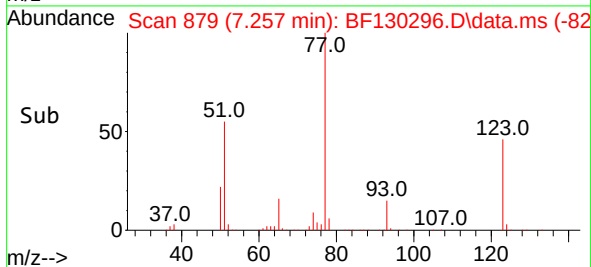
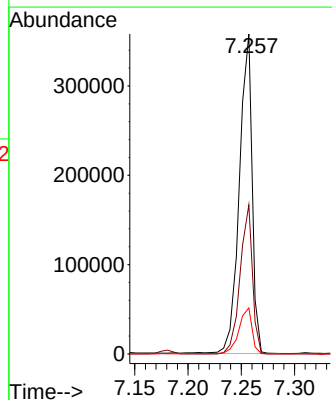
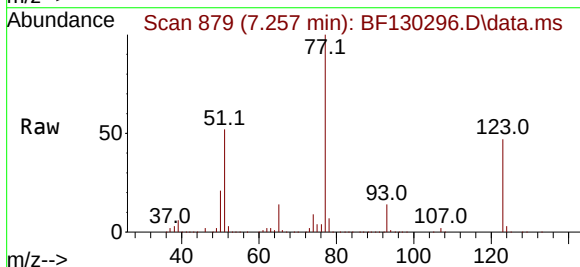
Instrument :
BNA_F
ClientSampleId :
HW-43MS

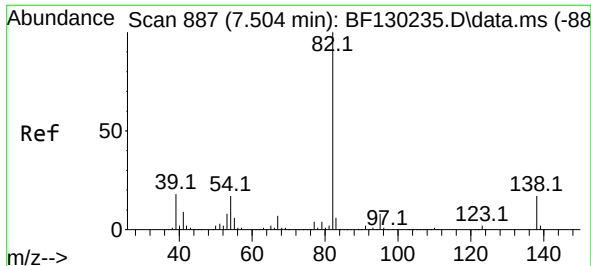
Tgt Ion: 82 Resp: 572433
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 50.8 43.8 65.6



#24
Nitrobenzene
Concen: 42.009 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 77 Resp: 300011
Ion Ratio Lower Upper
77 100
123 46.6 34.3 51.5
65 14.4 12.0 18.0

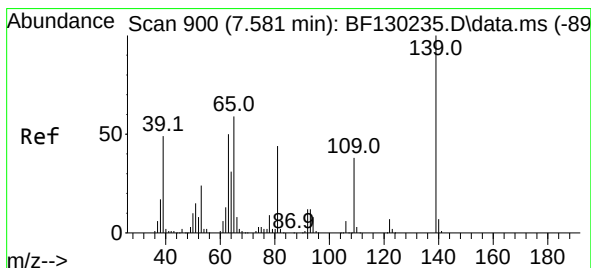
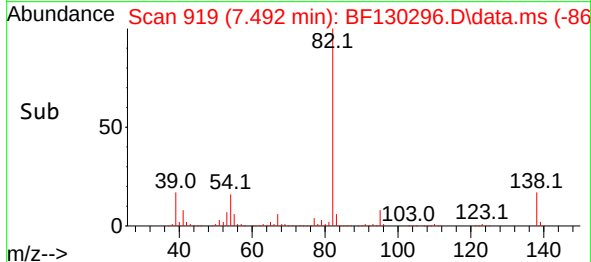
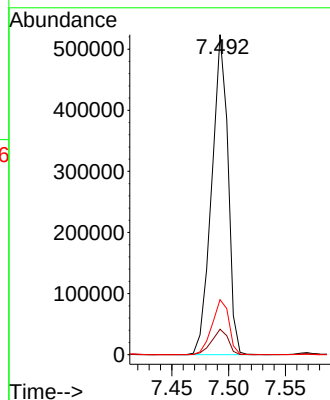
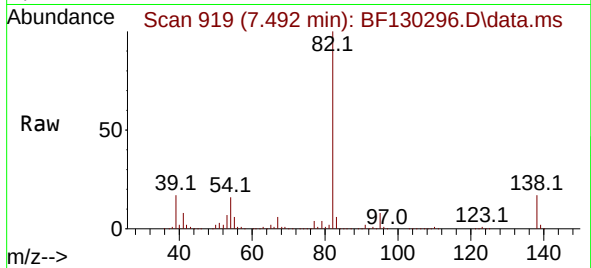




#25
Isophorone
Concen: 45.990 ng
RT: 7.492 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

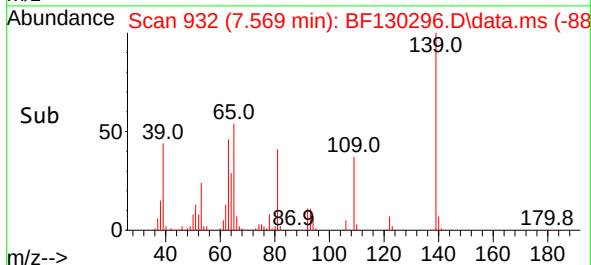
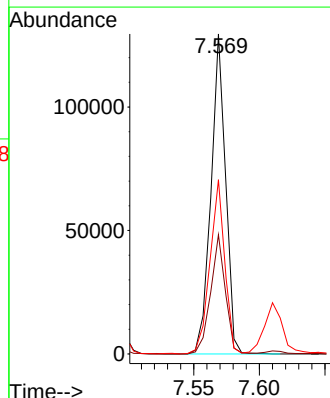
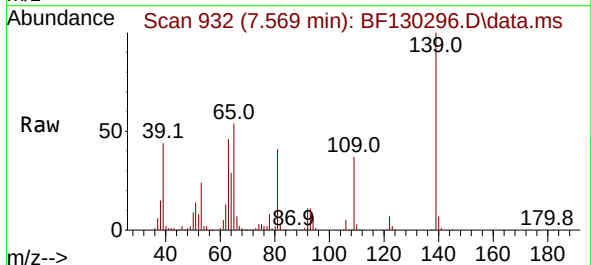
Instrument :
BNA_F
ClientSampleId :
HW-43MS

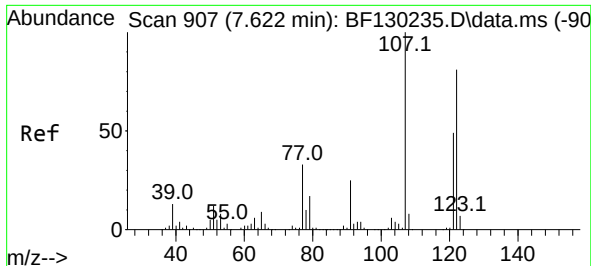
Tgt Ion: 82 Resp: 521343
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 34.331 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 139 Resp: 100506
Ion Ratio Lower Upper
139 100
109 37.3 30.2 45.4
65 54.4 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 41.210 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

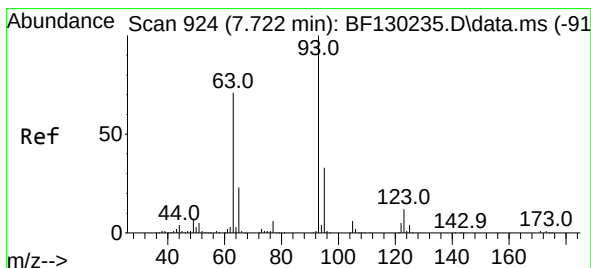
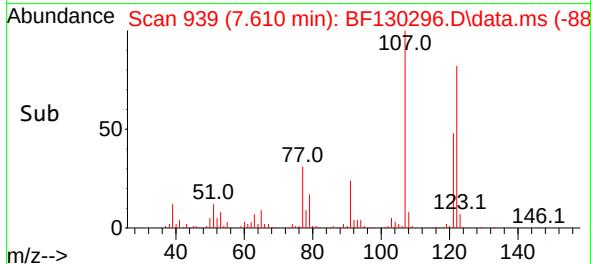
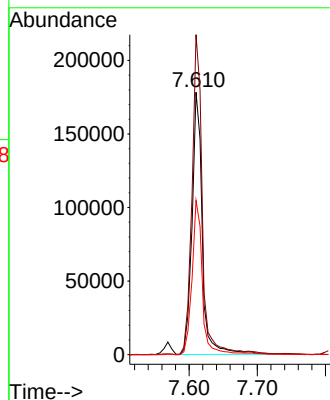
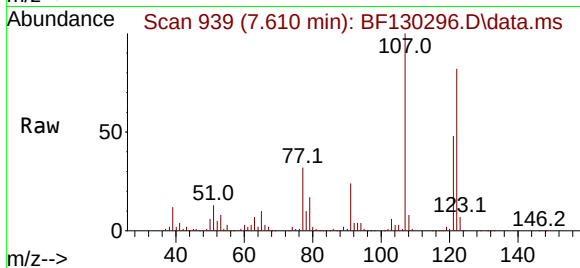
Tgt Ion:122 Resp: 185761

Ion Ratio Lower Upper

122 100

107 122.0 100.2 150.2

121 58.8 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.681 ng

RT: 7.710 min Scan# 956

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

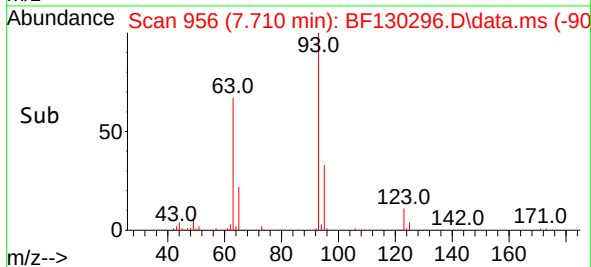
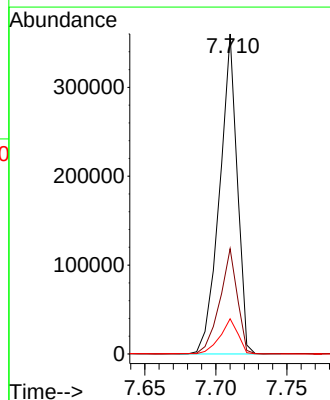
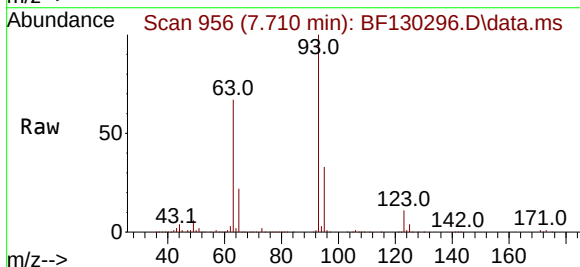
Tgt Ion: 93 Resp: 310738

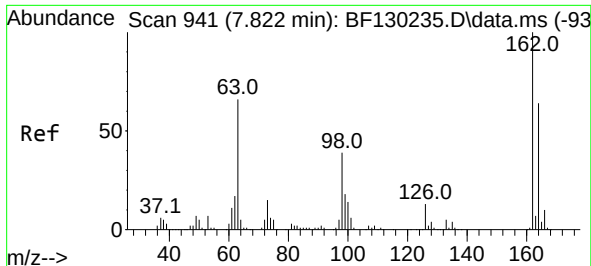
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 31.923 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

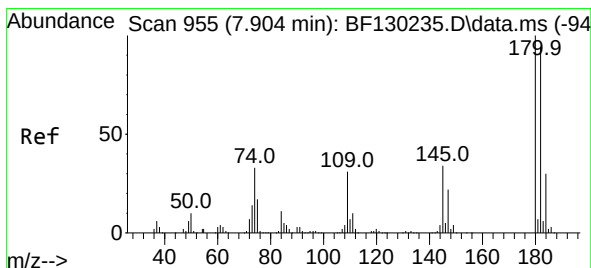
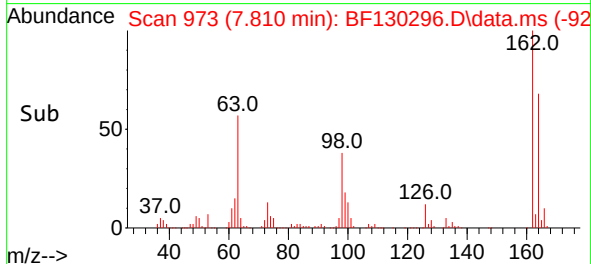
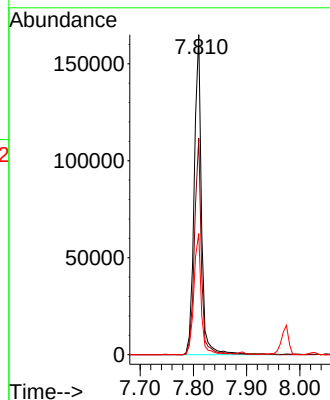
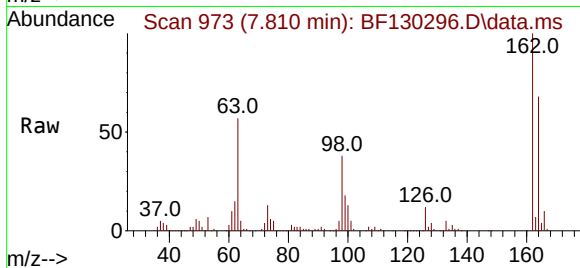
Tgt Ion:162 Resp: 157687

Ion Ratio Lower Upper

162 100

164 67.6 42.2 82.2

98 37.9 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

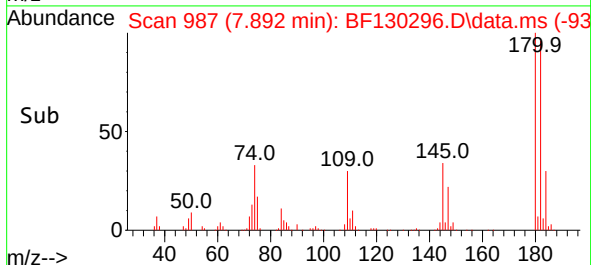
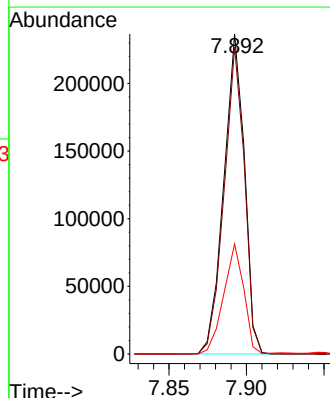
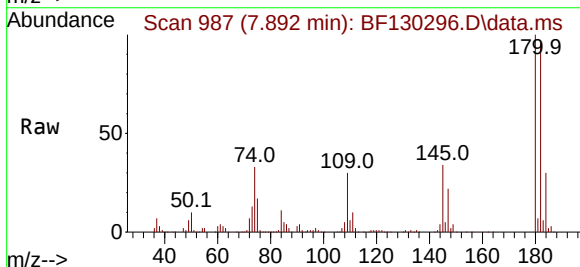
Tgt Ion:180 Resp: 218809

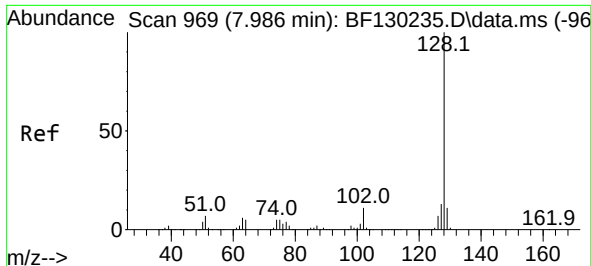
Ion Ratio Lower Upper

180 100

182 95.9 73.3 109.9

145 34.4 28.3 42.5

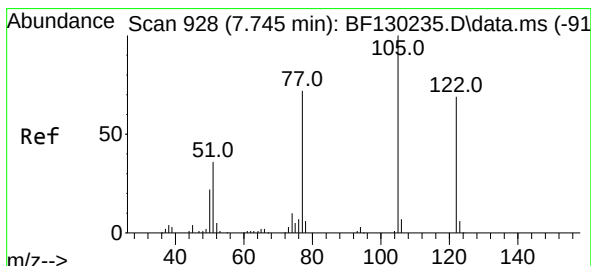
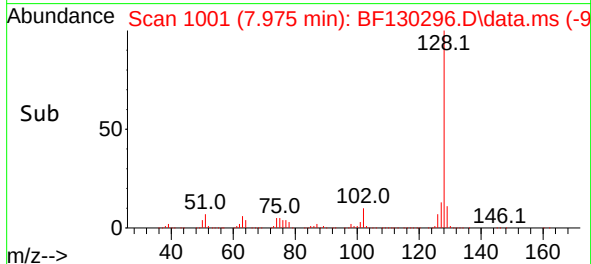
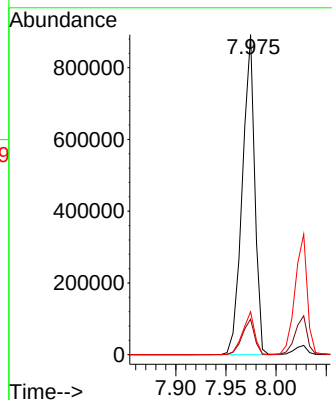
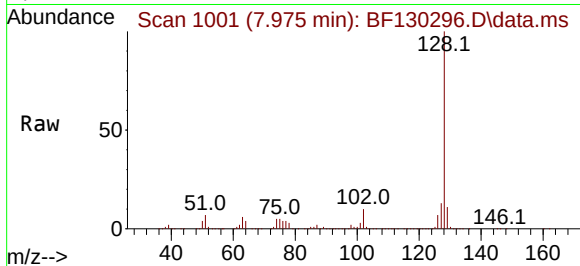




#31
Naphthalene
Concen: 41.817 ng
RT: 7.975 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

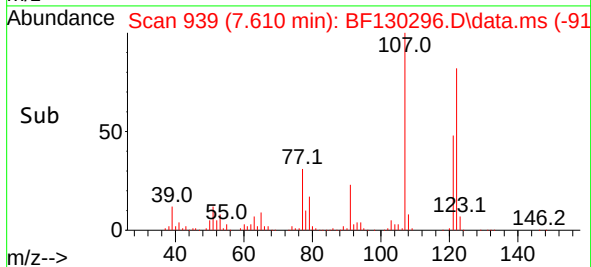
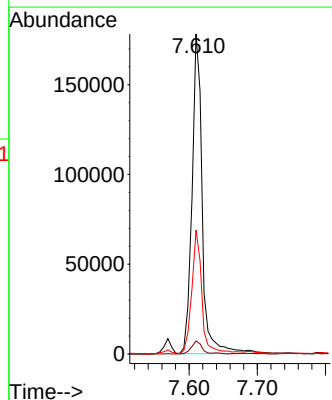
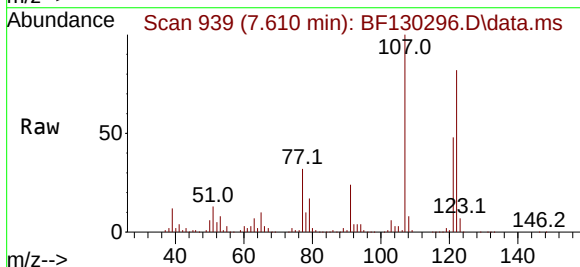
Instrument :
BNA_F
ClientSampleId :
HW-43MS

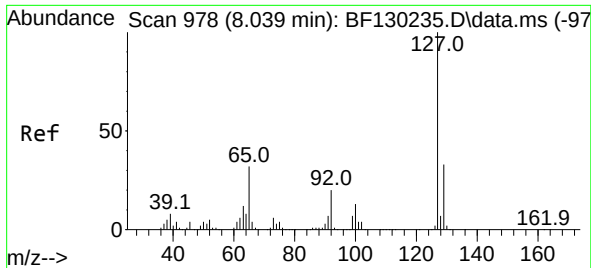
Tgt Ion:128 Resp: 774101
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 53.289 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.129 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:122 Resp: 185761
Ion Ratio Lower Upper
122 100
105 4.1 112.9 152.9#
77 38.7 82.8 122.8#

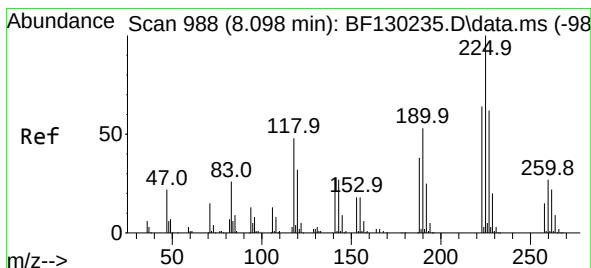
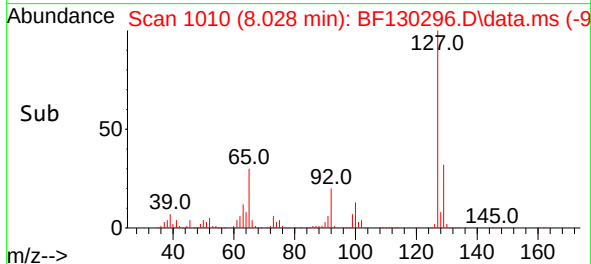
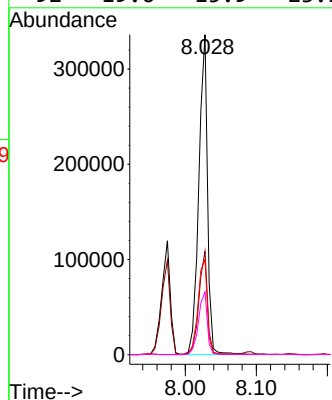
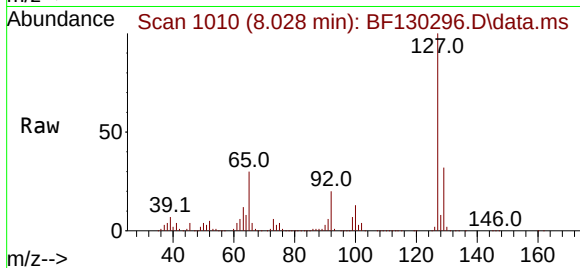




#33
4-Chloroaniline
Concen: 40.861 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

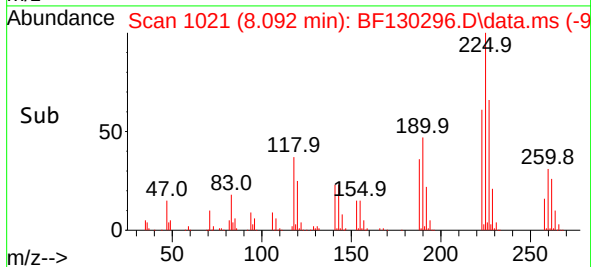
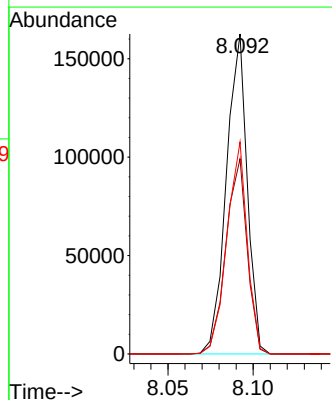
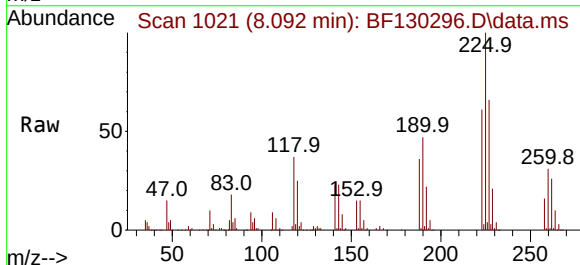
Instrument :
BNA_F
ClientSampleId :
HW-43MS

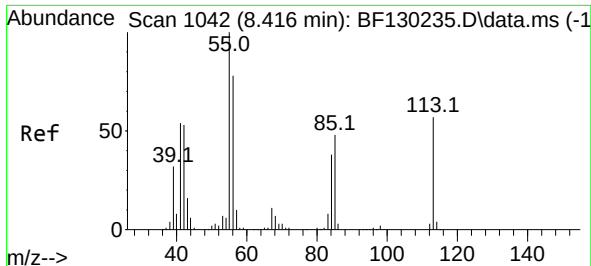
Tgt Ion:	127	Resp:	287682
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	29.7	27.0	40.6
92	19.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.507 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:	225	Resp:	138254
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.3	75.5
227	66.3	51.1	76.7

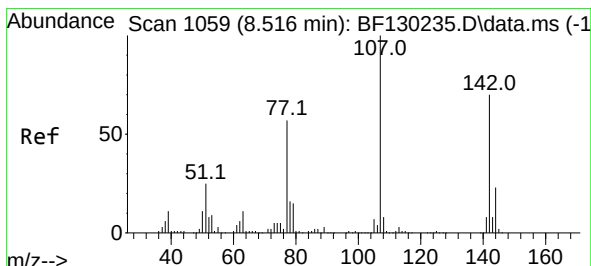
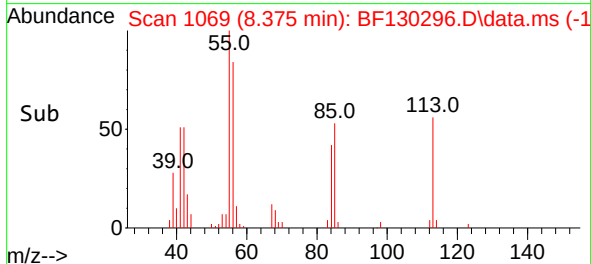
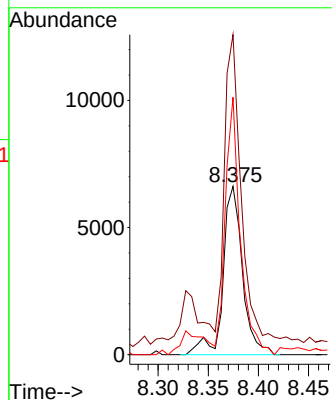
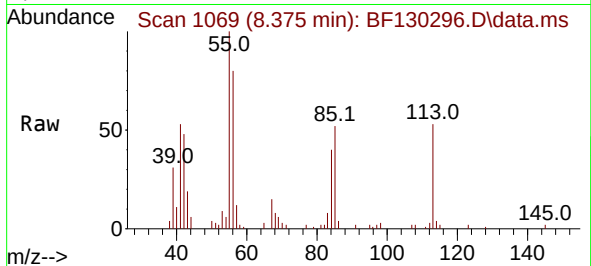




#35
 Caprolactam
 Concen: 6.268 ng
 RT: 8.375 min Scan# 1069
 Delta R.T. -0.029 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

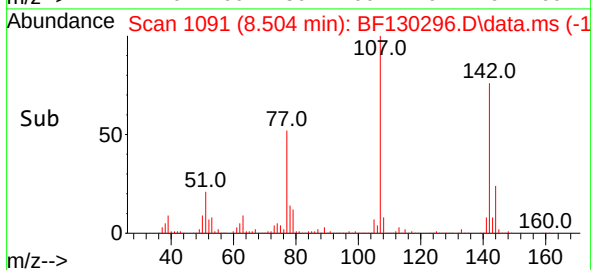
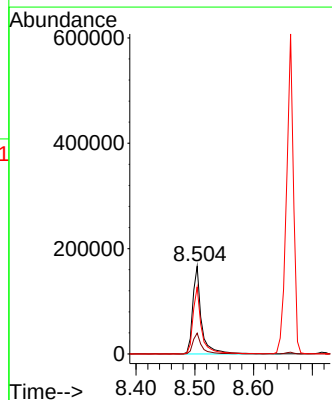
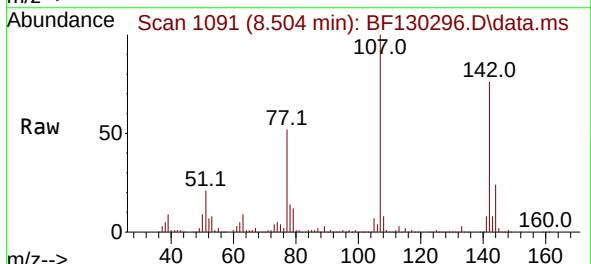
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

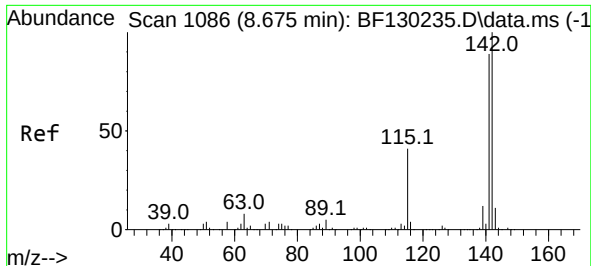
Tgt Ion:113 Resp: 8876
 Ion Ratio Lower Upper
 113 100
 55 190.2 155.4 195.4
 56 153.0 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 31.476 ng
 RT: 8.504 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion:107 Resp: 172337
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 76.3 61.3 91.9

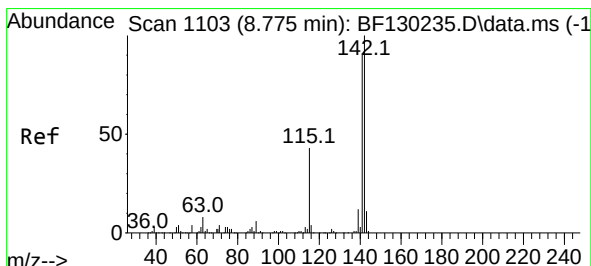
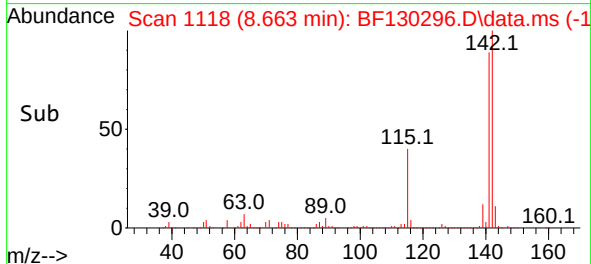
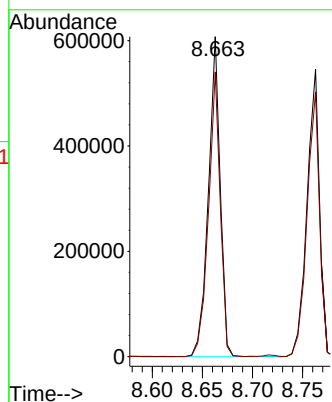
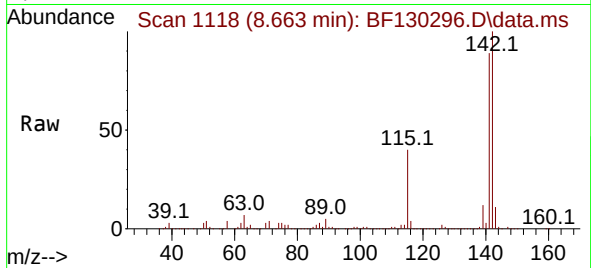




#37
2-Methylnaphthalene
Concen: 42.305 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

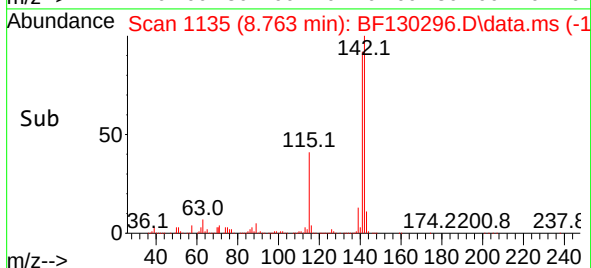
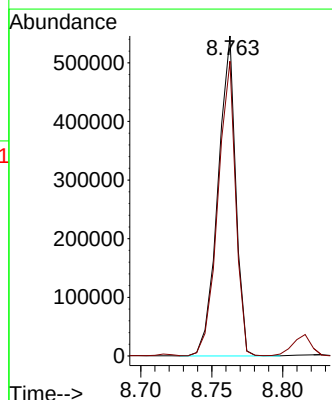
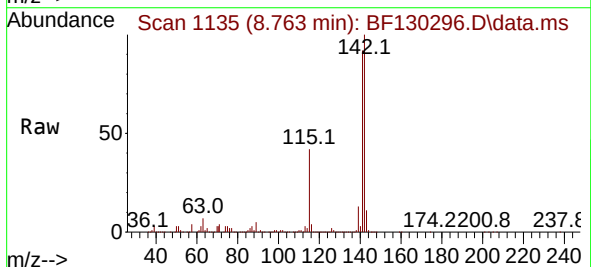
Instrument :
BNA_F
ClientSampleId :
HW-43MS

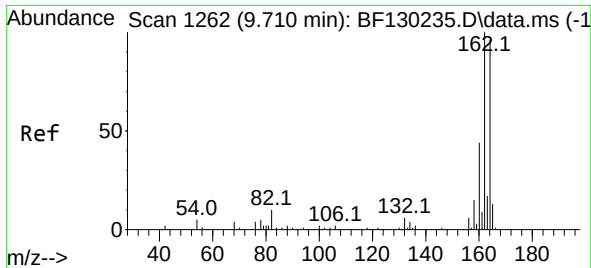
Tgt Ion:142 Resp: 499322
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0



#38
1-Methylnaphthalene
Concen: 41.750 ng
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:142 Resp: 473374
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8

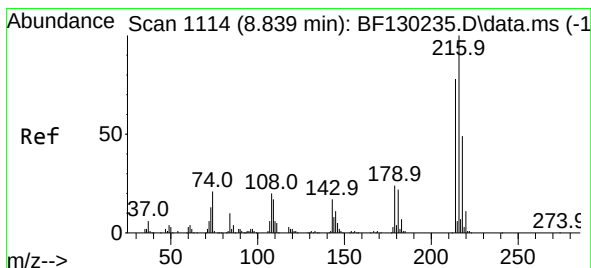
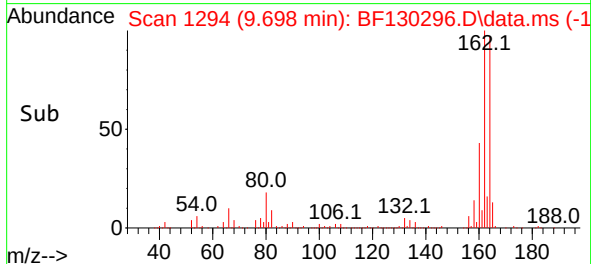
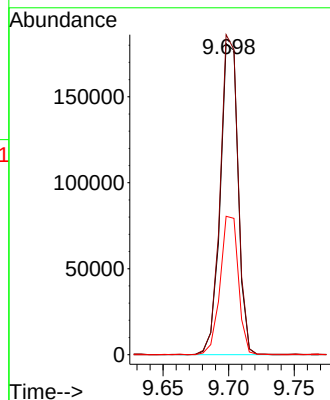
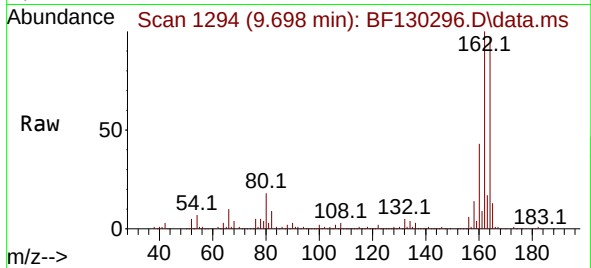




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

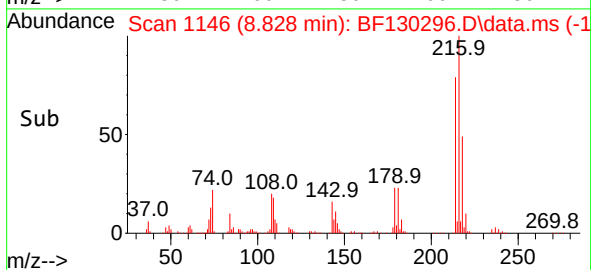
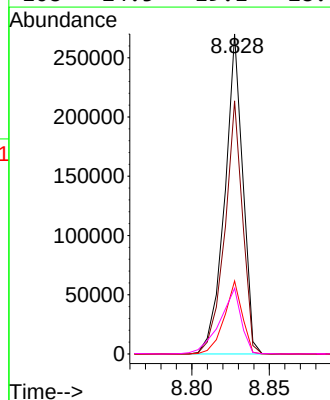
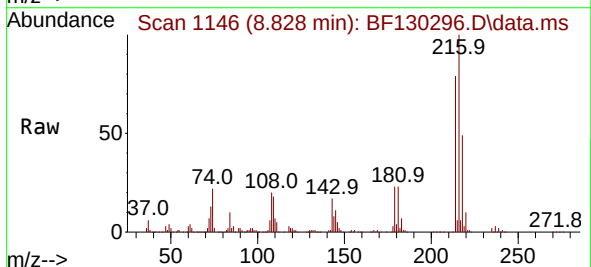
Instrument :
BNA_F
ClientSampleId :
HW-43MS

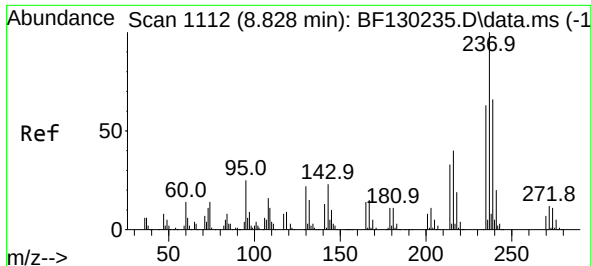
Tgt Ion:164 Resp: 170827
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.046 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:216 Resp: 219328
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 22.6 19.5 29.3
108 24.5 19.1 28.7

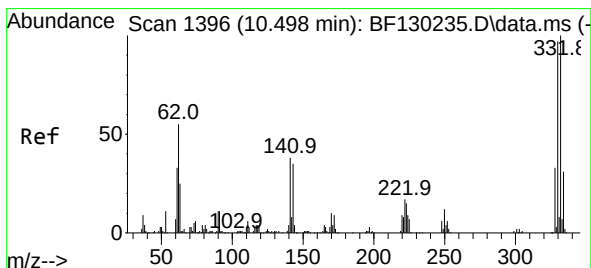
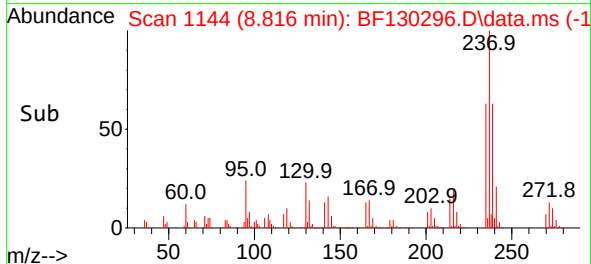
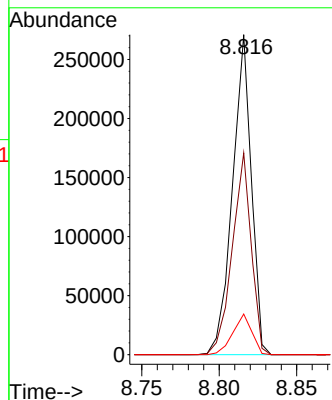
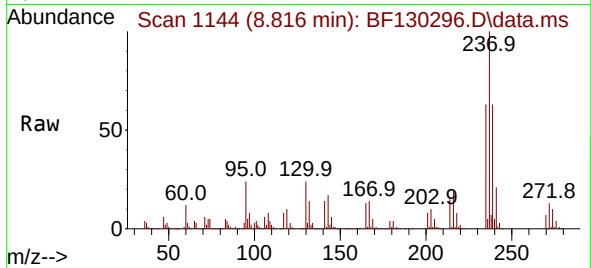




#41
Hexachlorocyclopentadiene
Concen: 91.943 ng
RT: 8.816 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

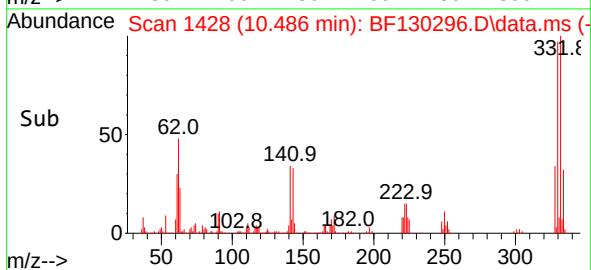
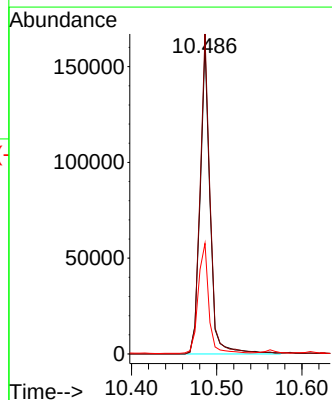
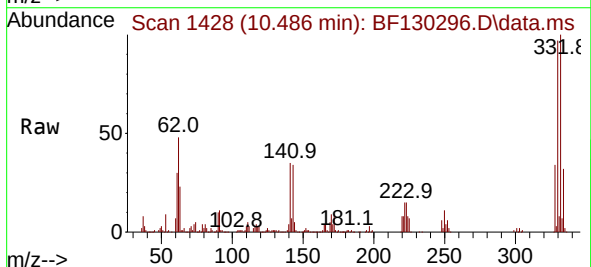
Instrument :
BNA_F
ClientSampleId :
HW-43MS

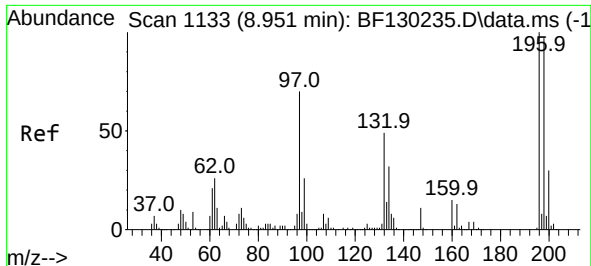
Tgt Ion:237 Resp: 229486
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.7 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 80.690 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:330 Resp: 132078
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 37.9 34.0 51.0

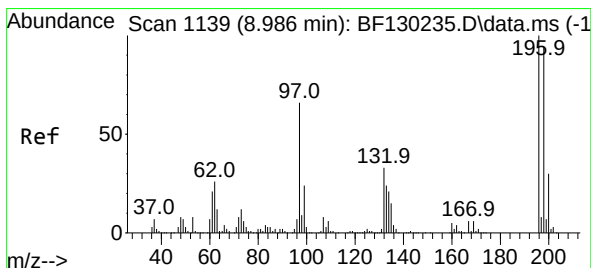
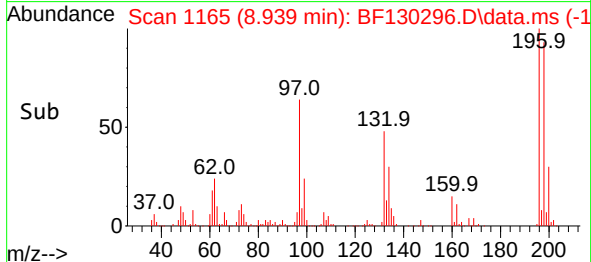
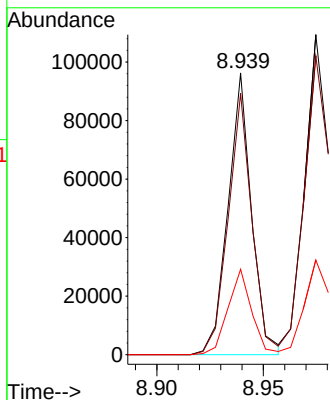
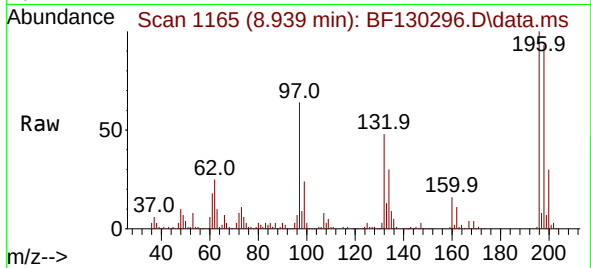




#43
2,4,6-Trichlorophenol
Concen: 22.734 ng
RT: 8.939 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

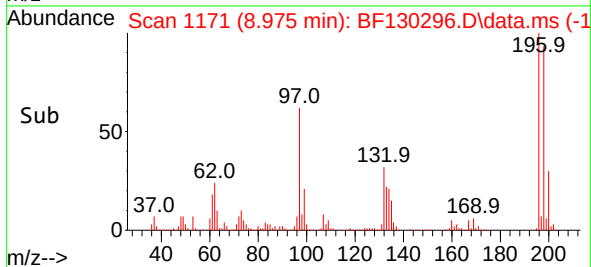
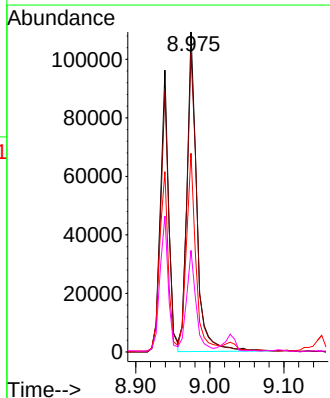
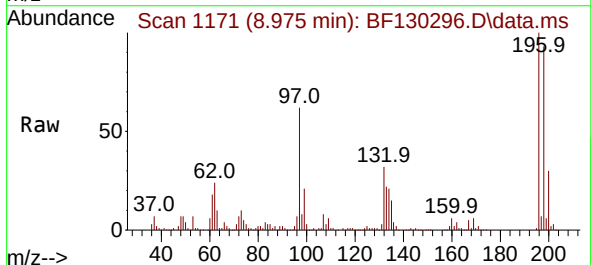
Instrument :
BNA_F
ClientSampleId :
HW-43MS

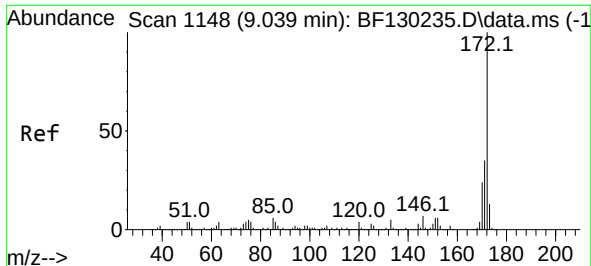
Tgt Ion:196 Resp: 73968
Ion Ratio Lower Upper
196 100
198 92.7 72.4 108.6
200 30.3 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 28.751 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:196 Resp: 100945
Ion Ratio Lower Upper
196 100
198 93.4 74.8 112.2
97 62.1 43.7 65.5
132 31.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 85.711 ng

RT: 9.028 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

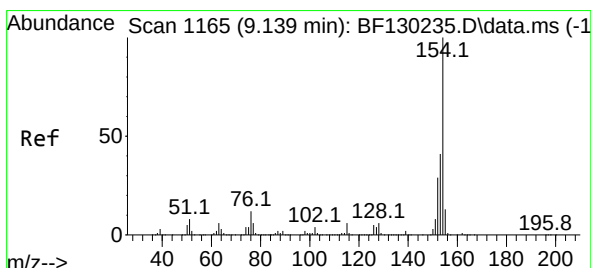
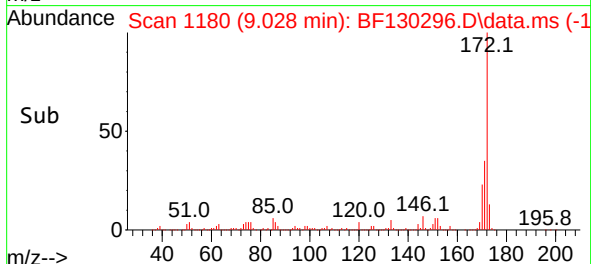
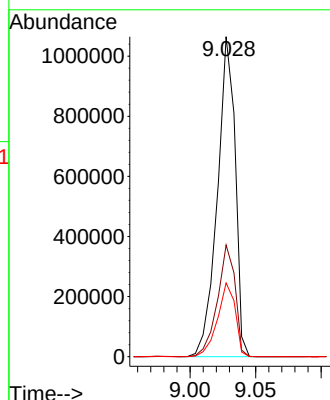
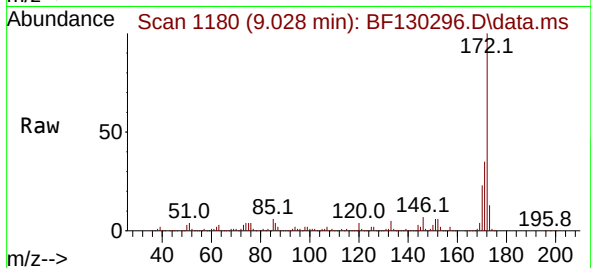
Tgt Ion:172 Resp: 1005487

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.1 18.7 28.1



#46

1,1'-Biphenyl

Concen: 47.308 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

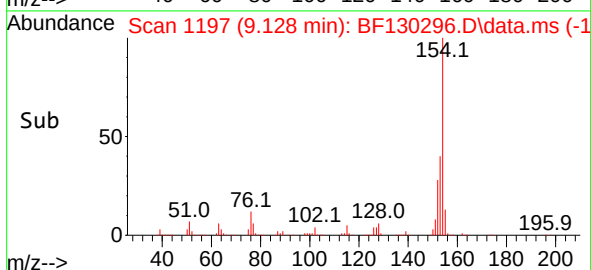
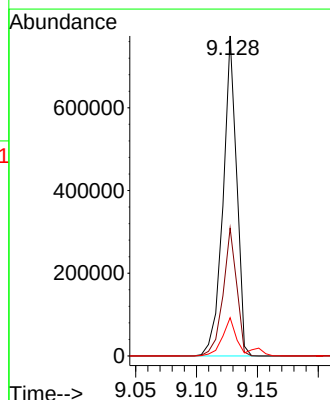
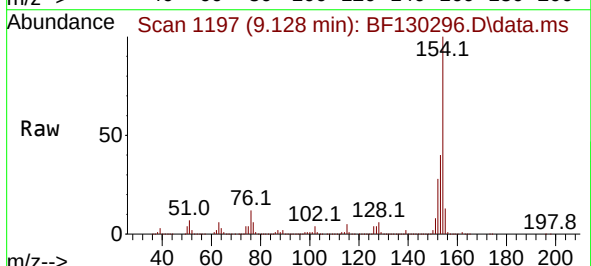
Tgt Ion:154 Resp: 603561

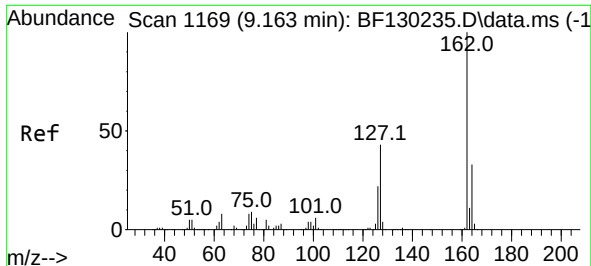
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 11.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.762 ng

RT: 9.151 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

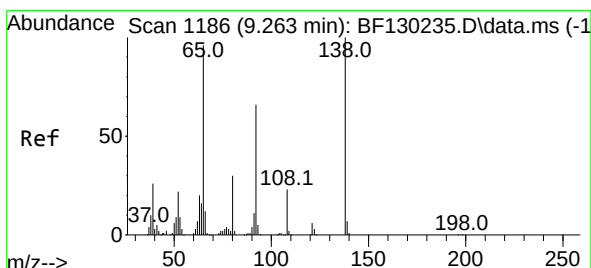
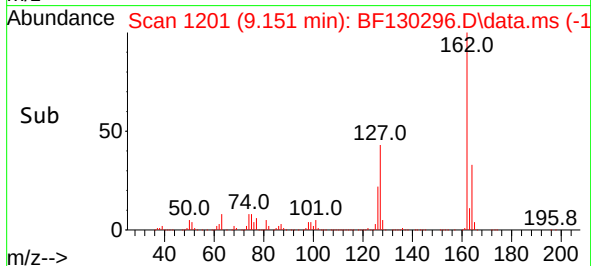
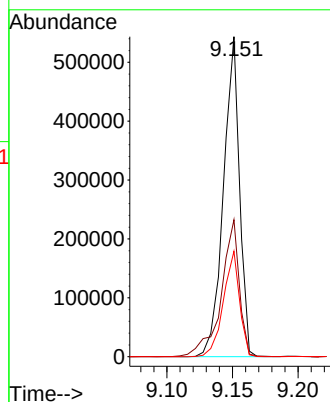
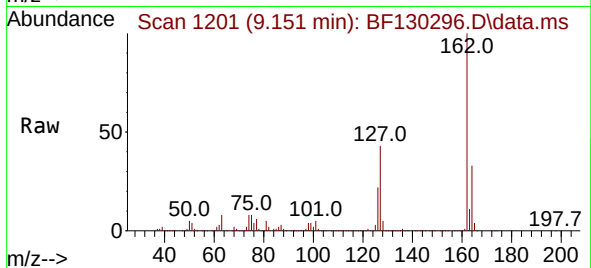
Tgt Ion:162 Resp: 461966

Ion Ratio Lower Upper

162 100

127 42.8 35.9 53.9

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 41.113 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

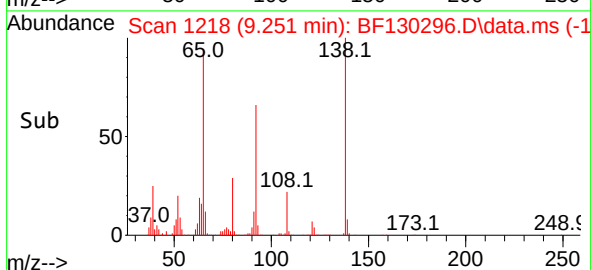
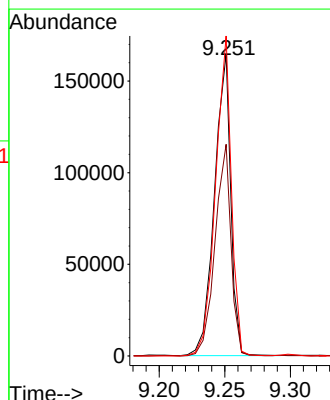
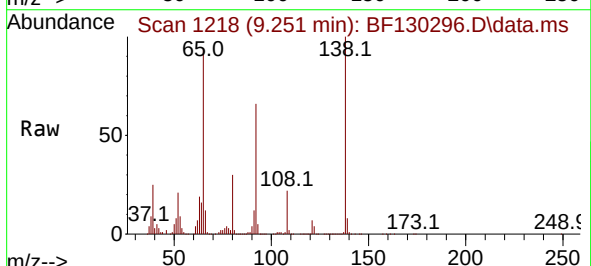
Tgt Ion: 65 Resp: 141518

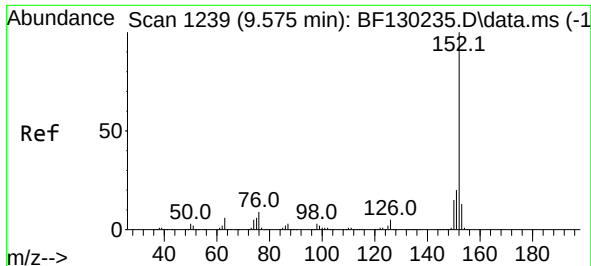
Ion Ratio Lower Upper

65 100

92 70.1 52.2 78.4

138 105.9 77.0 115.4

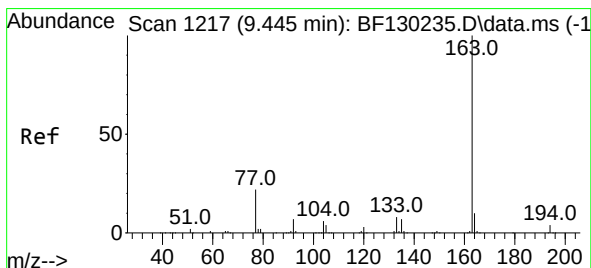
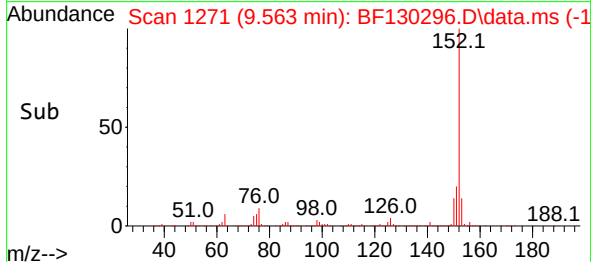
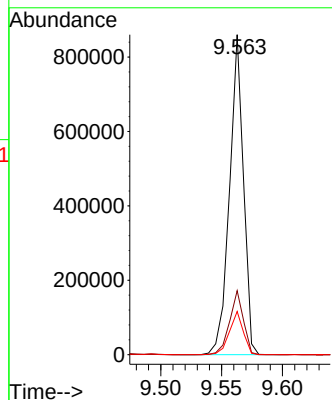
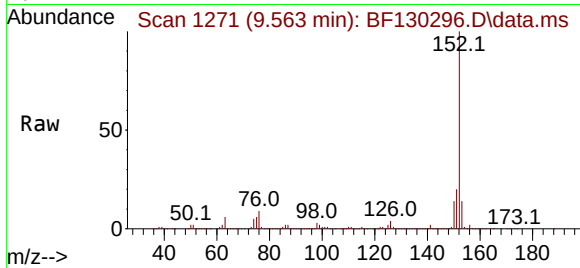




#49
Acenaphthylene
Concen: 44.458 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

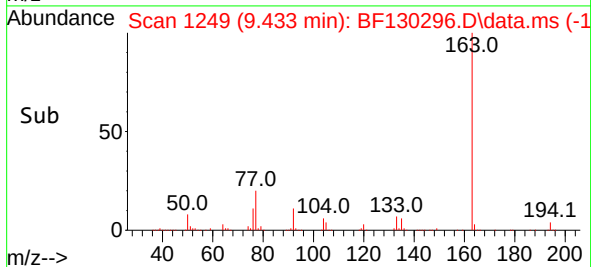
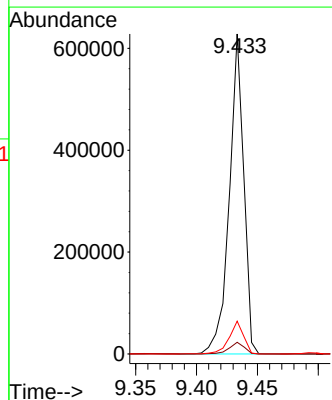
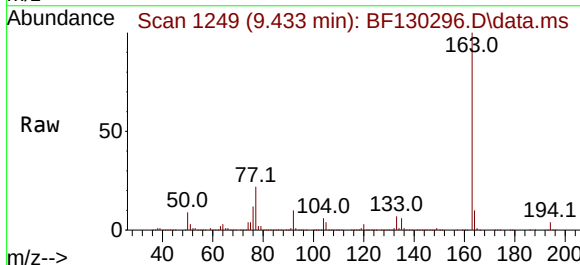
Instrument :
BNA_F
ClientSampleId :
HW-43MS

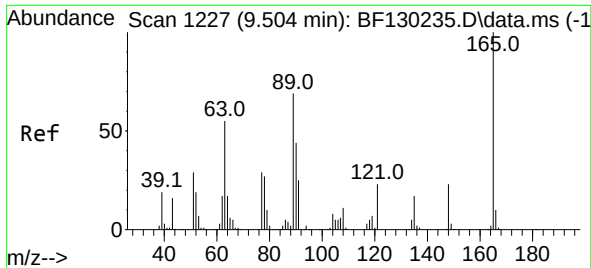
Tgt Ion:152 Resp: 687943
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 43.986 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:163 Resp: 519035
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.2 8.2 12.2

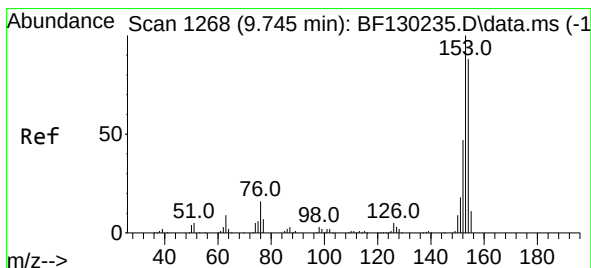
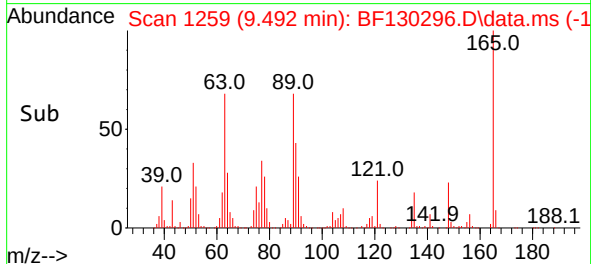
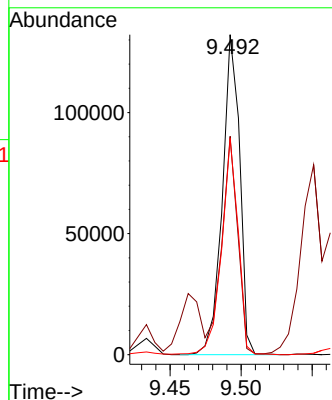
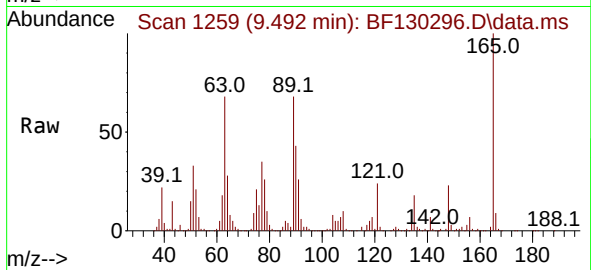




#51
2,6-Dinitrotoluene
Concen: 45.329 ng
RT: 9.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

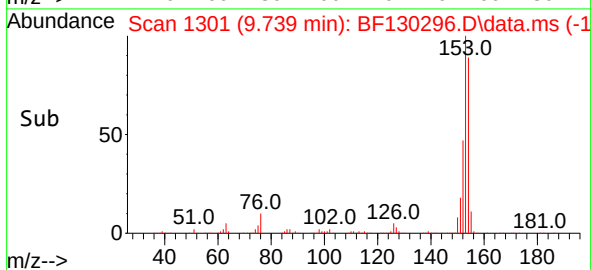
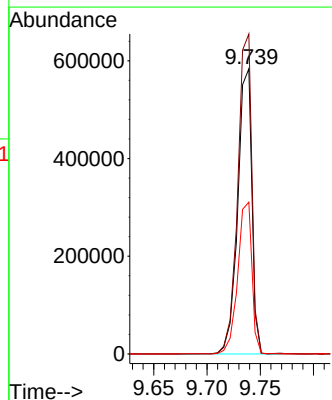
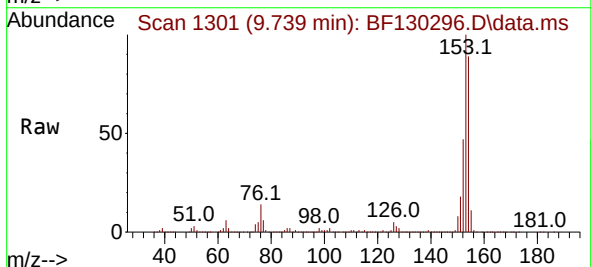
Instrument :
BNA_F
ClientSampleId :
HW-43MS

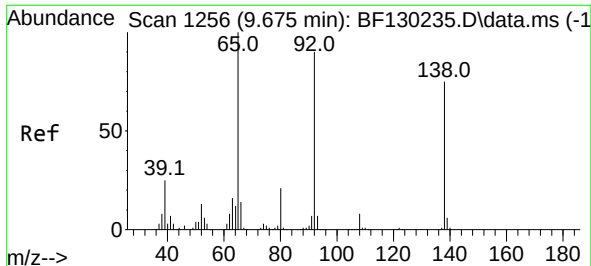
Tgt Ion:165 Resp: 111864
Ion Ratio Lower Upper
165 100
63 68.2 58.8 88.2
89 67.6 54.5 81.7



#52
Acenaphthene
Concen: 53.085 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:154 Resp: 539708
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 53.2 43.8 65.6

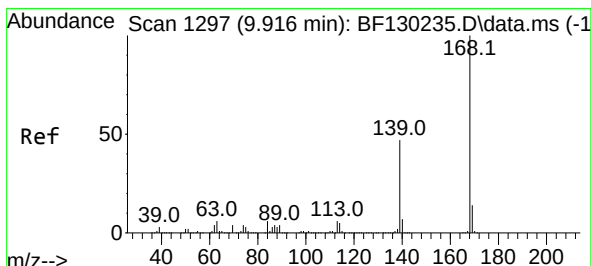
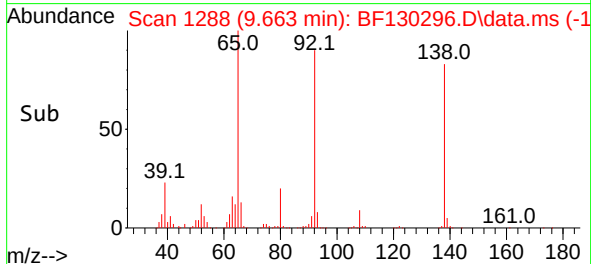
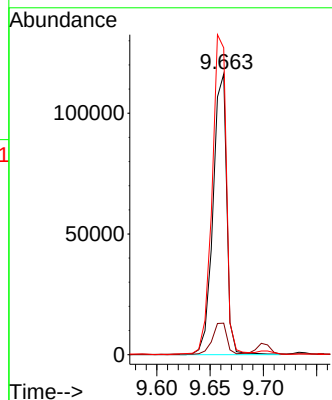
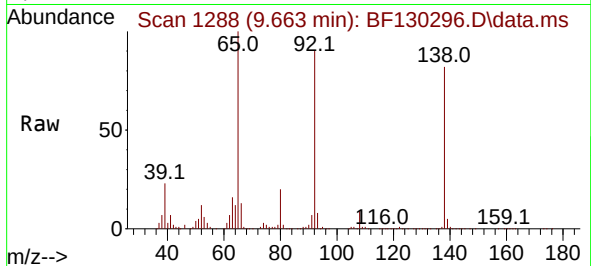




#53
3-Nitroaniline
Concen: 38.086 ng
RT: 9.663 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

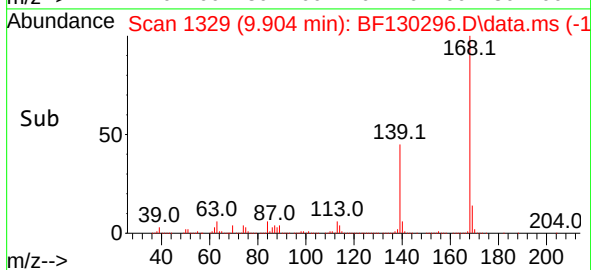
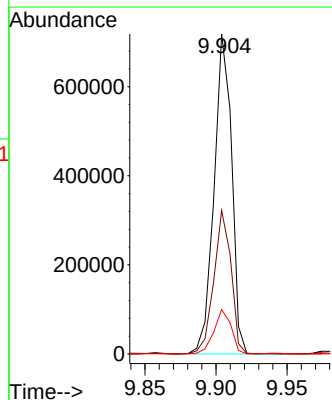
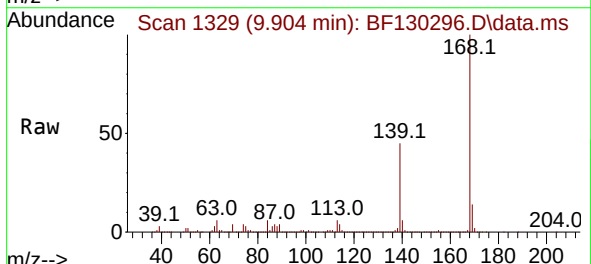
Instrument :
BNA_F
ClientSampleId :
HW-43MS

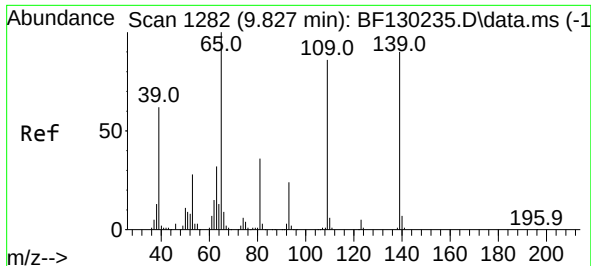
Tgt Ion:138 Resp: 104732
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 109.3 99.2 148.8



#55
Dibenzofuran
Concen: 43.735 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:168 Resp: 618475
Ion Ratio Lower Upper
168 100
139 44.9 35.0 52.4
169 13.9 10.9 16.3

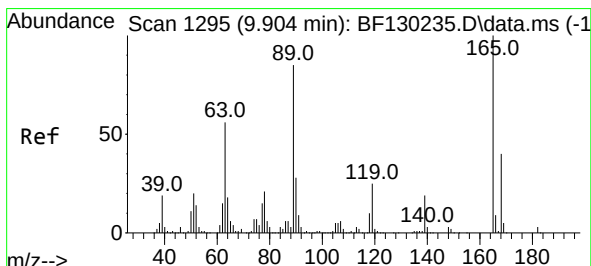
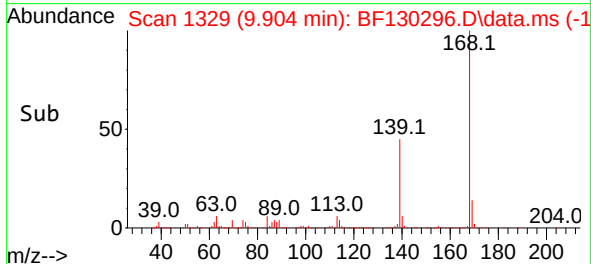
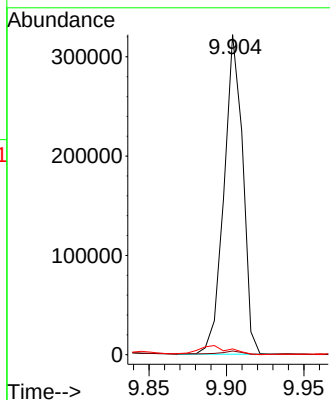
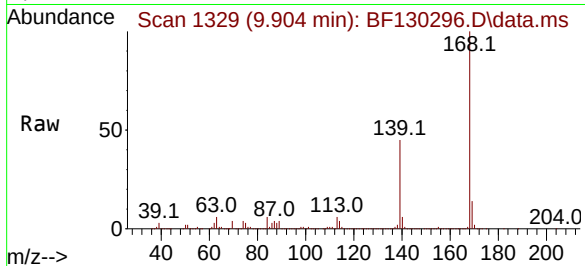




#56
4-Nitrophenol
Concen: 135.285 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

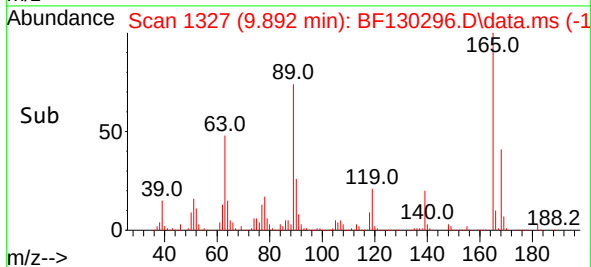
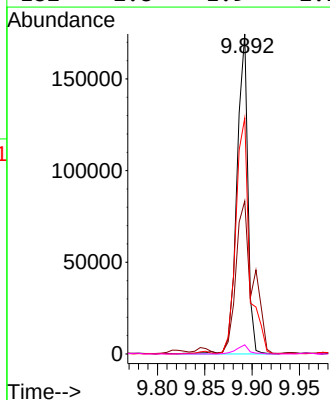
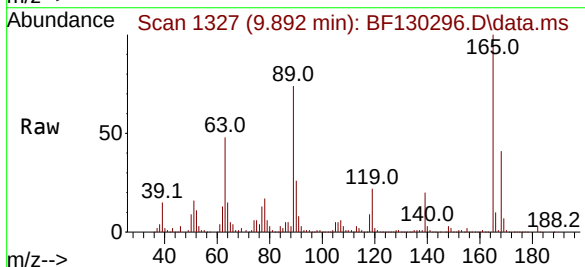
Instrument :
BNA_F
ClientSampleId :
HW-43MS

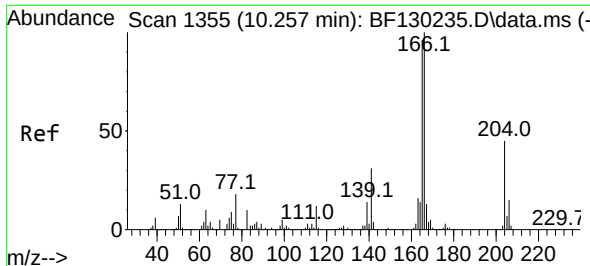
Tgt Ion:139 Resp: 270957
Ion Ratio Lower Upper
139 100
109 1.1 72.2 112.2#
65 1.8 97.7 137.7#



#57
2,4-Dinitrotoluene
Concen: 44.256 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:165 Resp: 139581
Ion Ratio Lower Upper
165 100
63 47.8 44.7 67.1
89 73.7 69.0 103.4
182 2.8 1.9 2.9

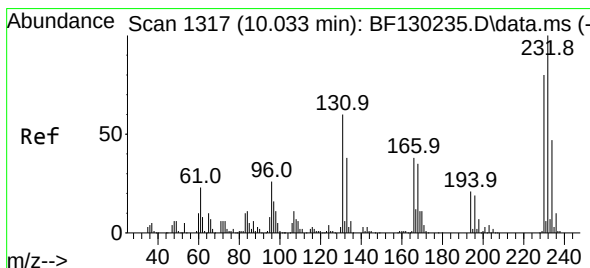
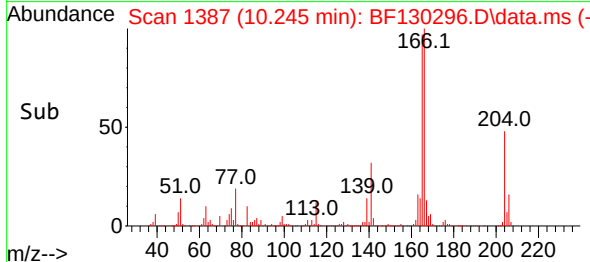
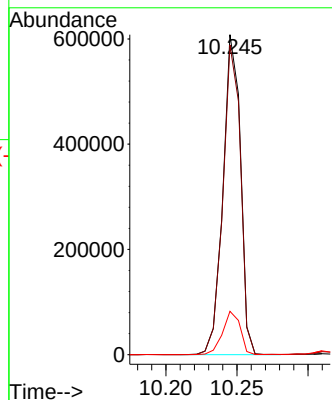
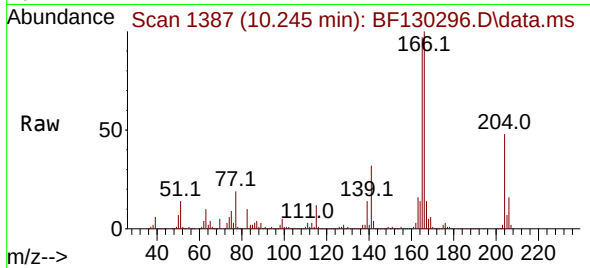




#58
 Fluorene
 Concen: 44.900 ng
 RT: 10.245 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

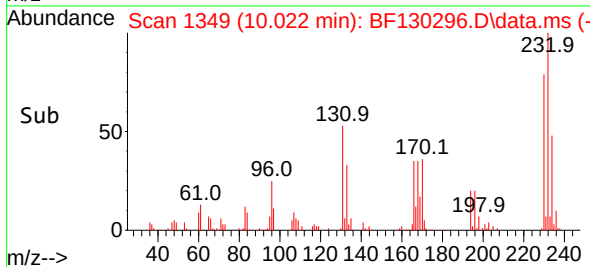
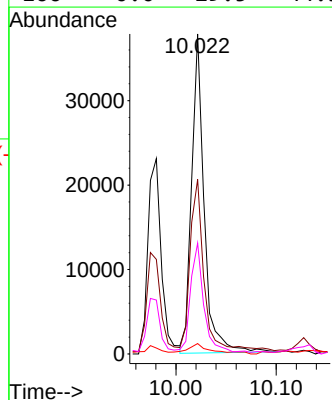
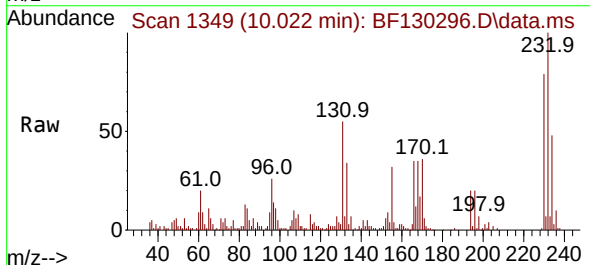
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

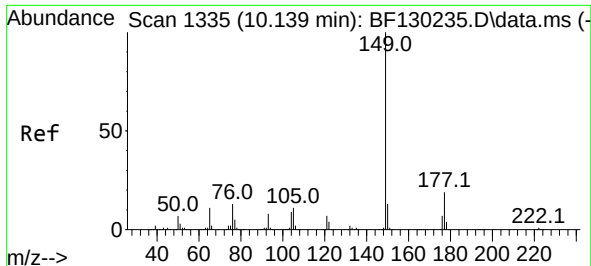
Tgt Ion:166 Resp: 519281
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 13.6 10.6 15.8



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.929 ng
 RT: 10.022 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion:232 Resp: 32781
 Ion Ratio Lower Upper
 232 100
 131 61.4 46.4 69.6
 130 5.9 2.3 3.5#
 166 0.0 29.5 44.3#

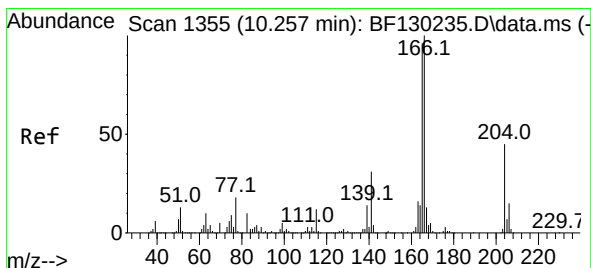
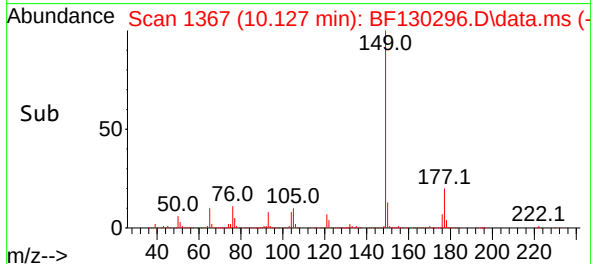
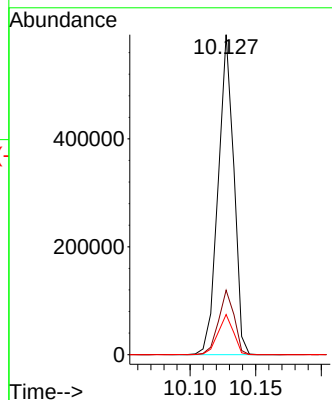
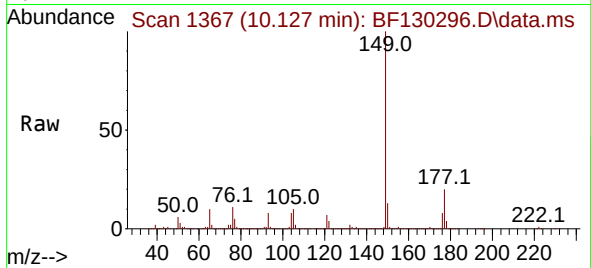




#60
Diethylphthalate
Concen: 41.442 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

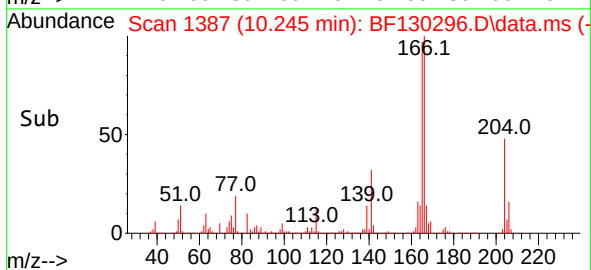
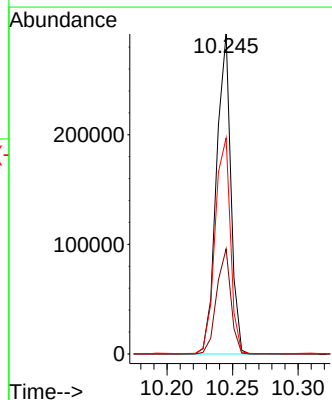
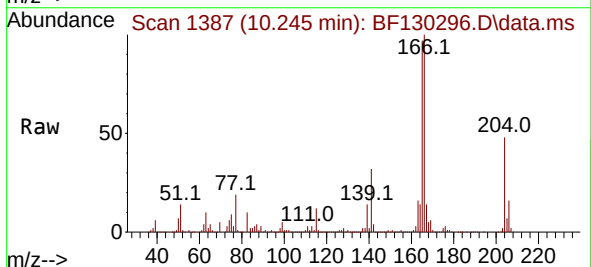
Instrument :
BNA_F
ClientSampleId :
HW-43MS

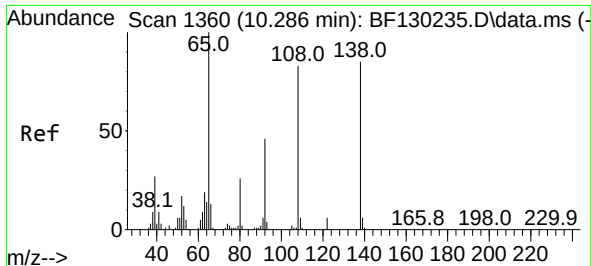
Tgt Ion:149 Resp: 490390
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.6 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 43.788 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:204 Resp: 222153
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 67.5 57.1 85.7

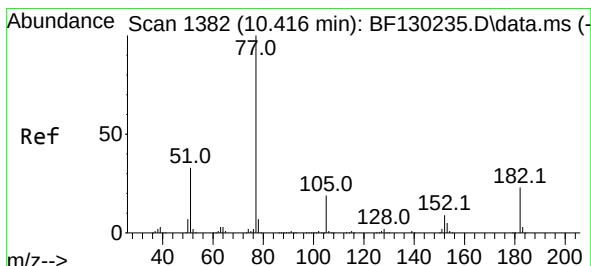
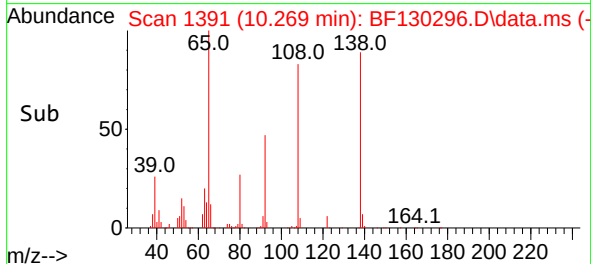
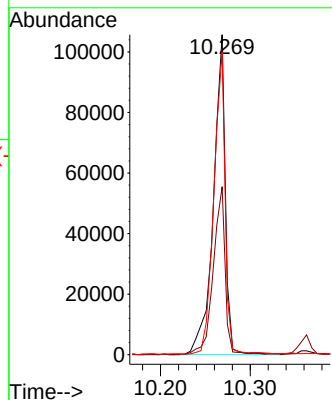
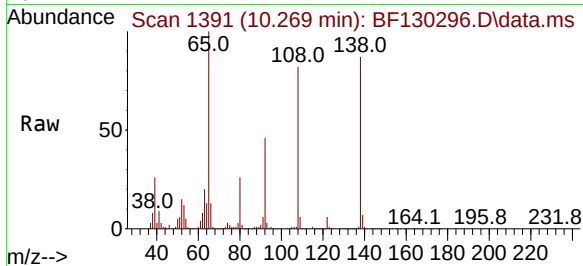




#62
4-Nitroaniline
Concen: 35.426 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

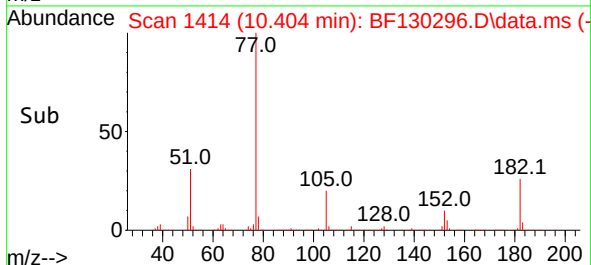
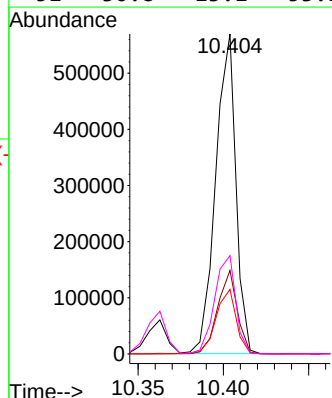
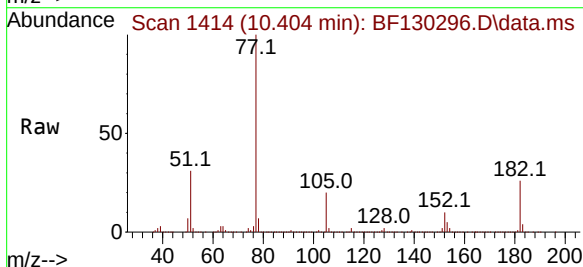
Instrument :
BNA_F
ClientSampleId :
HW-43MS

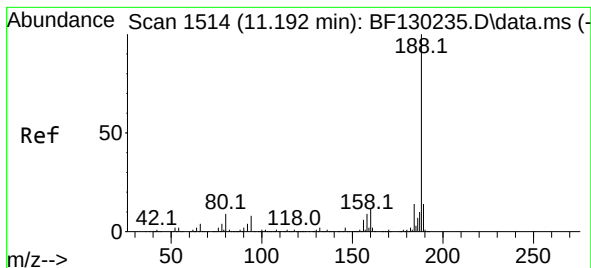
Tgt Ion:138 Resp: 97862
Ion Ratio Lower Upper
138 100
92 52.5 36.7 76.7
108 94.7 78.2 118.2



#63
Azobenzene
Concen: 38.517 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion: 77 Resp: 469319
Ion Ratio Lower Upper
77 100
182 26.1 2.1 42.1
105 20.2 0.0 39.4
51 30.8 13.1 53.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

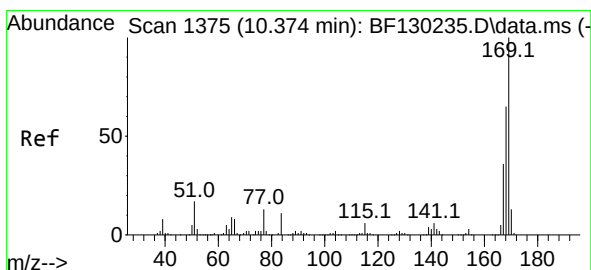
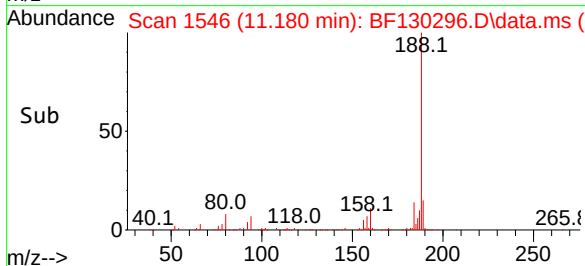
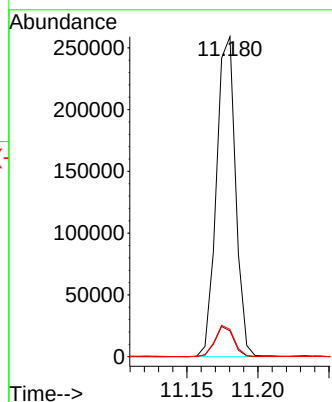
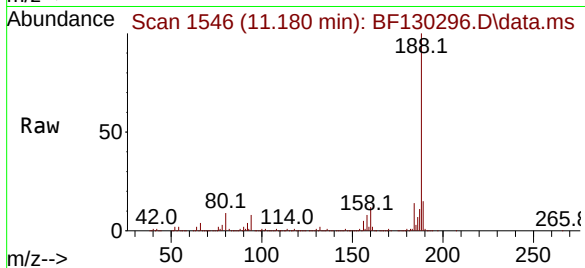
Tgt Ion:188 Resp: 242788

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.6 7.9 11.9



#66

n-Nitrosodiphenylamine

Concen: 49.791 ng

RT: 10.363 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

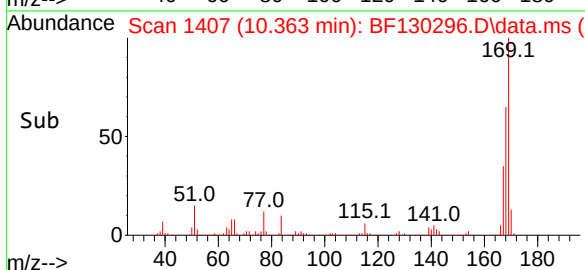
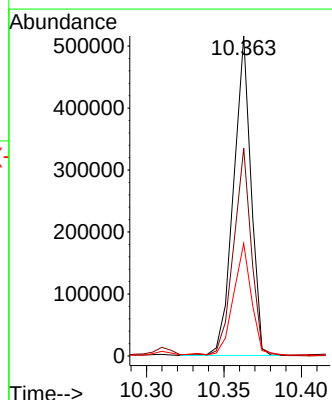
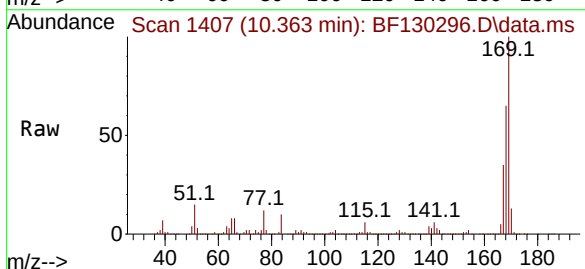
Tgt Ion:169 Resp: 403962

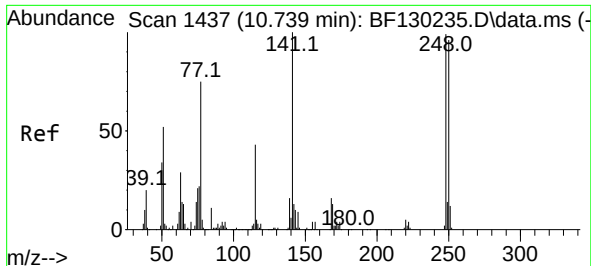
Ion Ratio Lower Upper

169 100

168 64.9 53.2 79.8

167 35.2 29.2 43.8

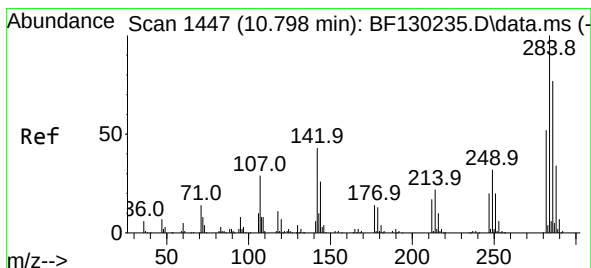
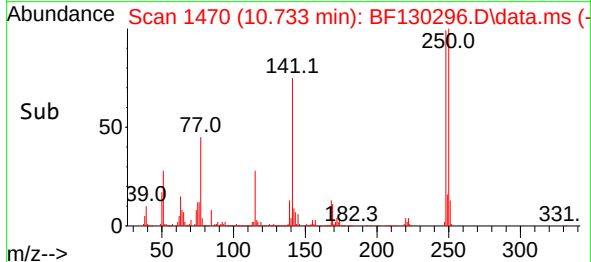
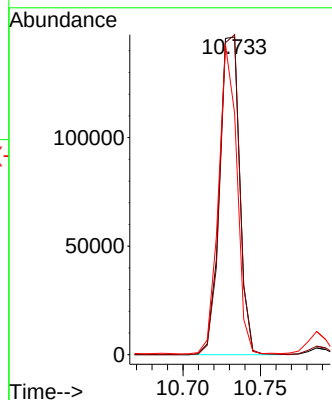
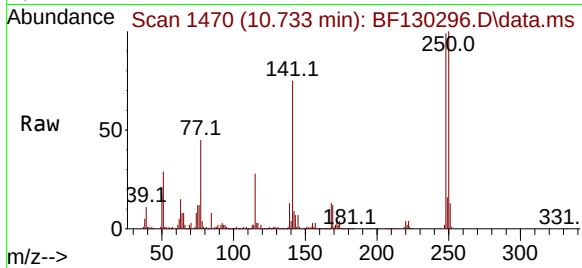




#67
4-Bromophenyl-phenylether
Concen: 49.522 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

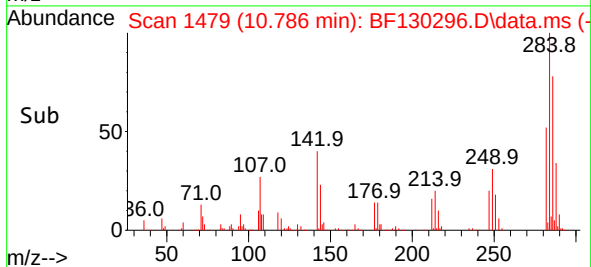
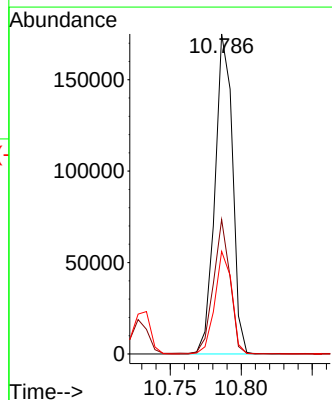
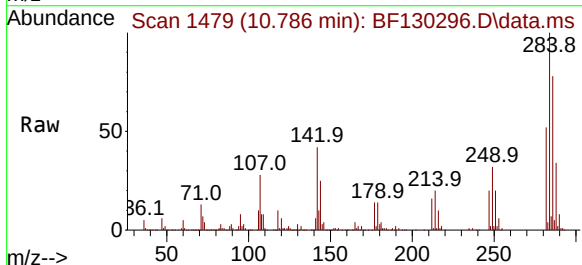
Instrument :
BNA_F
ClientSampleId :
HW-43MS

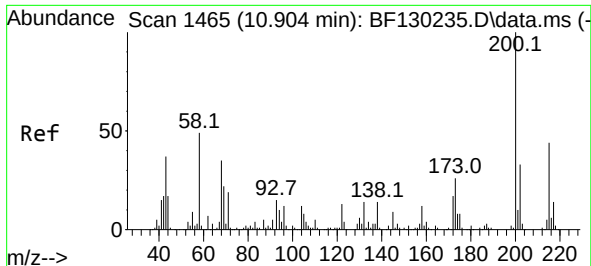
Tgt Ion:248 Resp: 132636
Ion Ratio Lower Upper
248 100
250 100.7 80.0 120.0
141 76.0 68.5 102.7



#68
Hexachlorobenzene
Concen: 49.412 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:284 Resp: 150020
Ion Ratio Lower Upper
284 100
142 42.0 27.2 40.8#
249 32.0 23.8 35.8

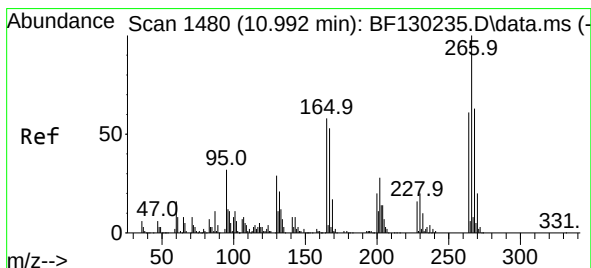
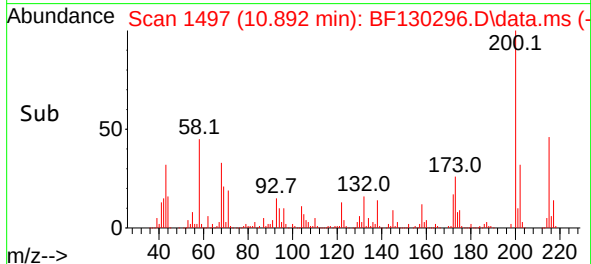
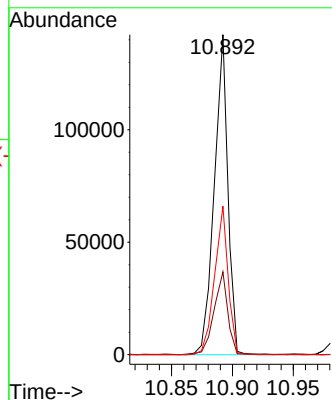
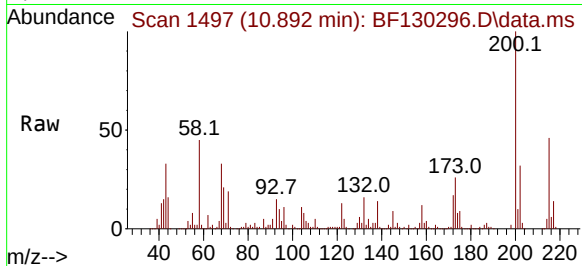




#69
 Atrazine
 Concen: 46.749 ng
 RT: 10.892 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

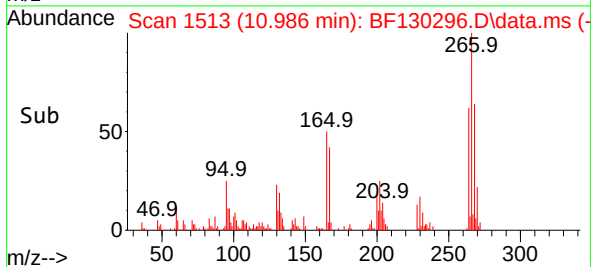
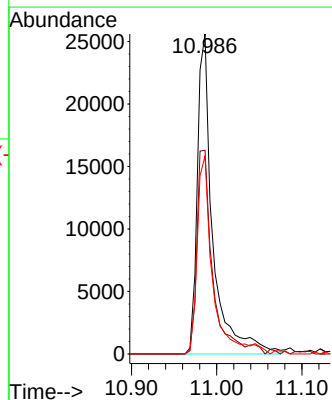
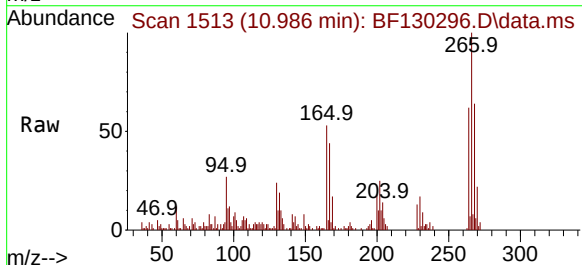
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

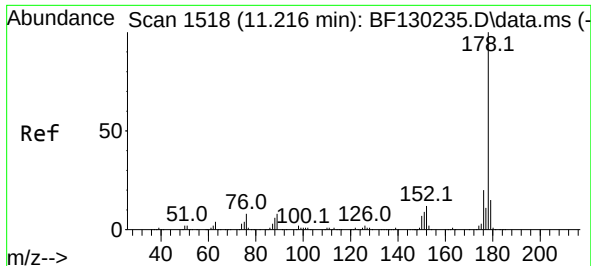
Tgt Ion:200 Resp: 110841
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.2 46.2
 215 46.4 22.5 62.5



#70
 Pentachlorophenol
 Concen: 19.817 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion:266 Resp: 32290
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.5 75.7
 264 61.8 50.5 75.7

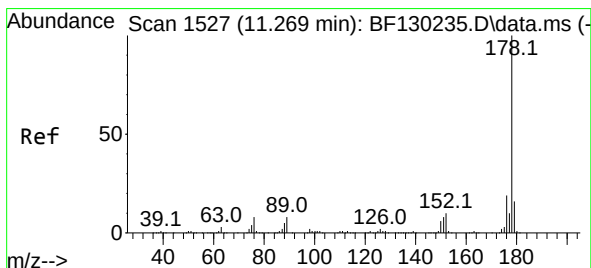
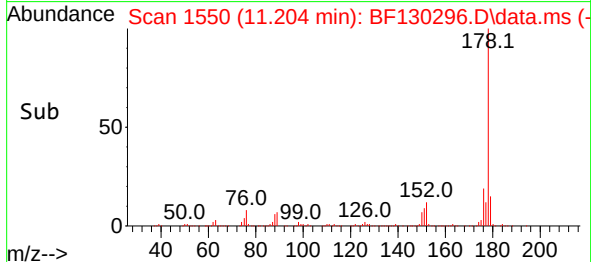
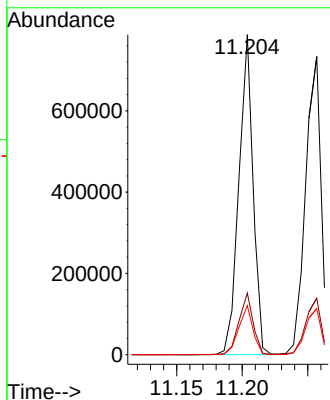
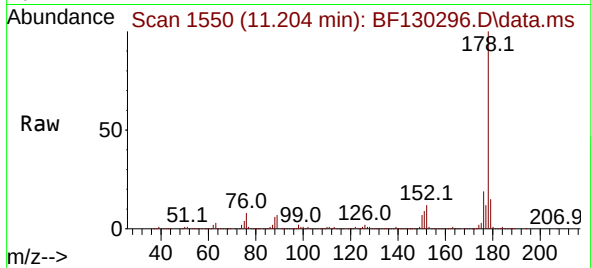




#71
Phenanthrene
Concen: 43.871 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

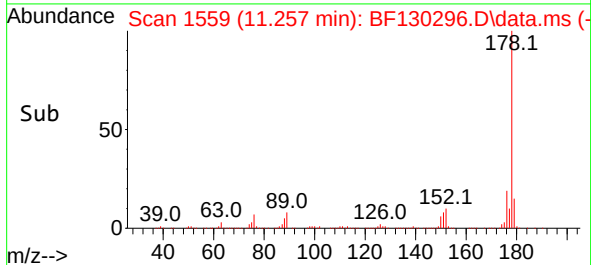
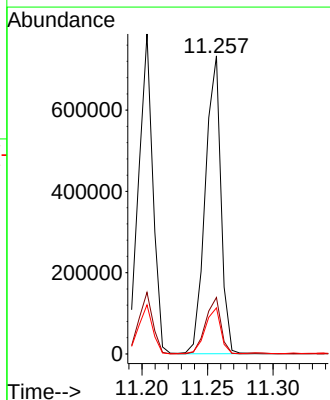
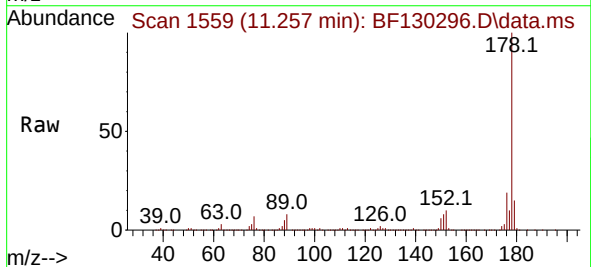
Instrument :
BNA_F
ClientSampleId :
HW-43MS

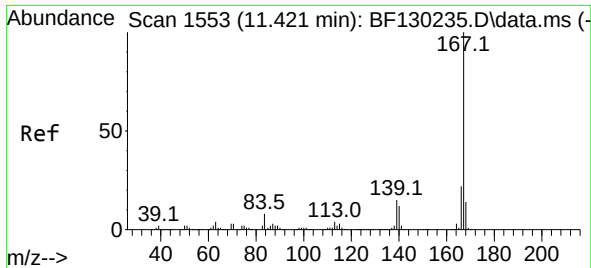
Tgt Ion:178 Resp: 598006
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 46.157 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:178 Resp: 607162
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.5 12.7 19.1

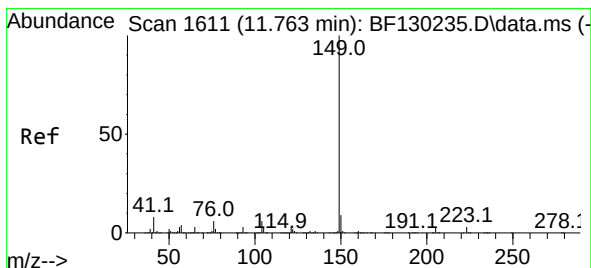
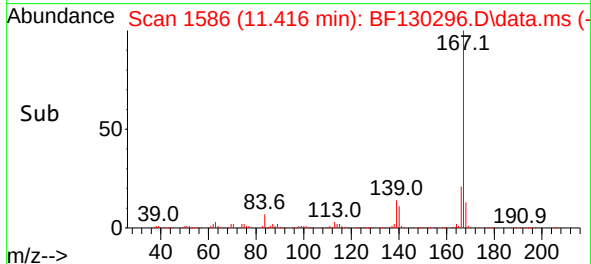
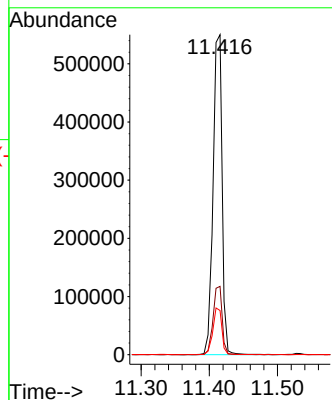
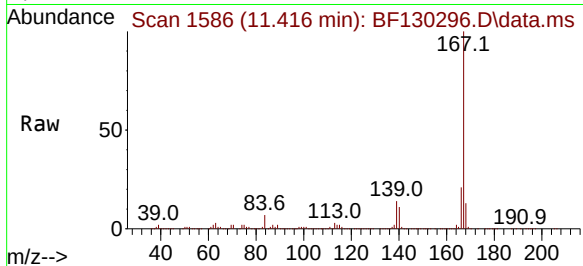




#73
 Carbazole
 Concen: 42.831 ng
 RT: 11.416 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

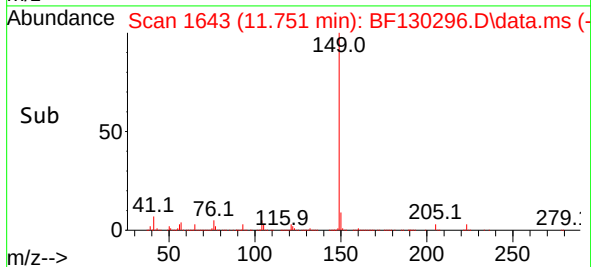
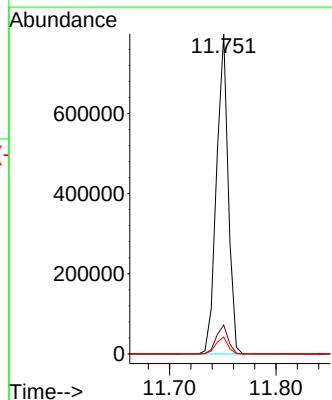
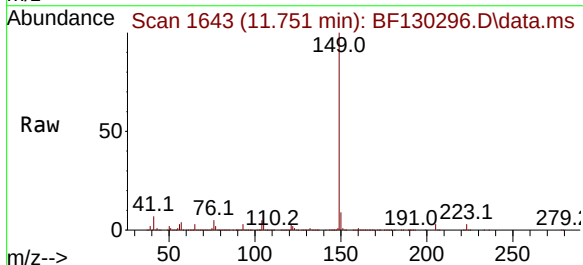
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

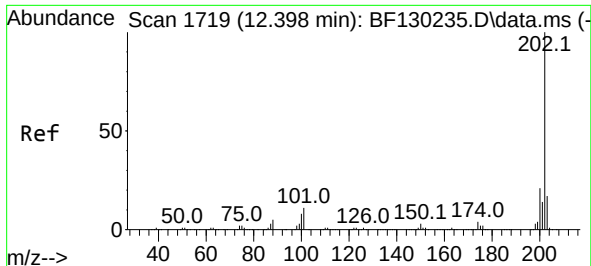
Tgt Ion:167 Resp: 508474
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.8 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 42.670 ng
 RT: 11.751 min Scan# 1643
 Delta R.T. 0.000 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion:149 Resp: 610858
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.3 4.8 7.2

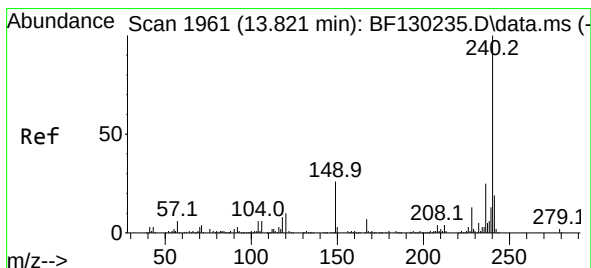
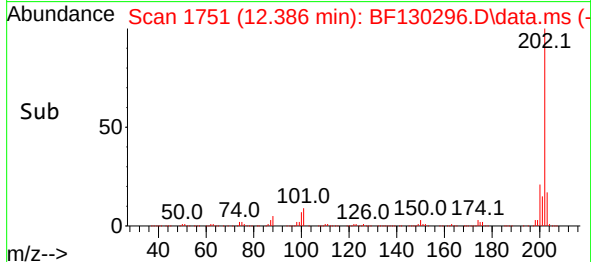
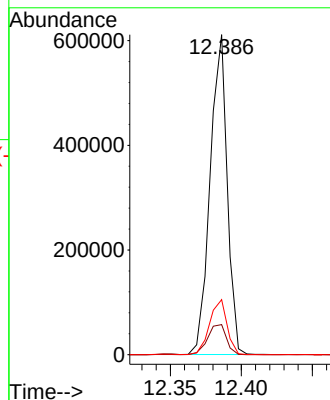
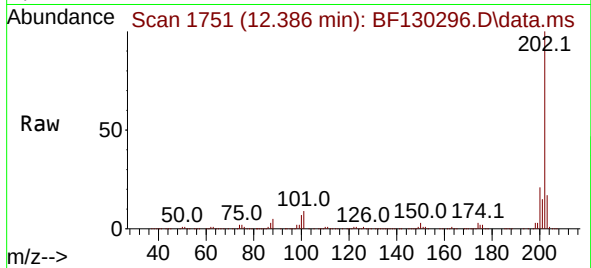




#75
Fluoranthene
Concen: 38.717 ng
RT: 12.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

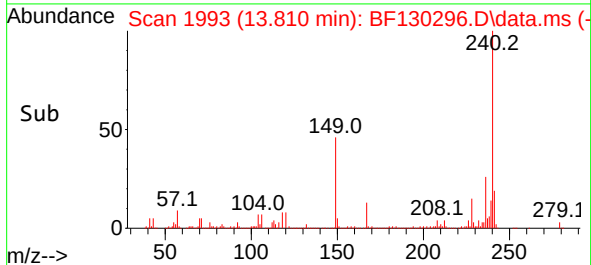
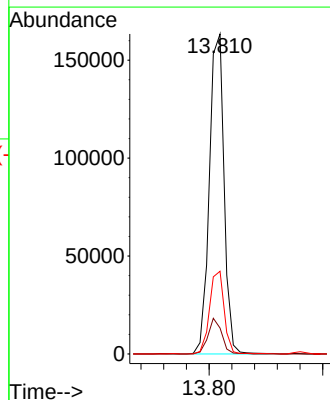
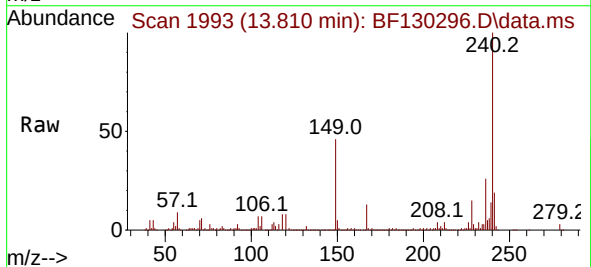
Instrument :
BNA_F
ClientSampleId :
HW-43MS

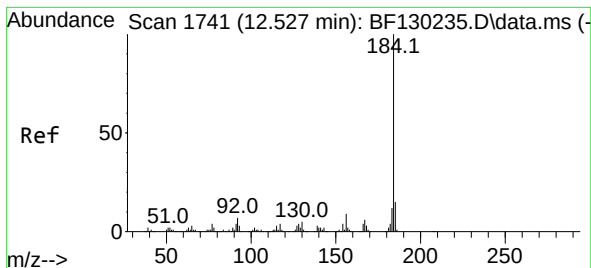
Tgt Ion:202 Resp: 509965
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.8
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:240 Resp: 146680
Ion Ratio Lower Upper
240 100
120 8.1 8.7 13.1#
236 25.8 20.9 31.3





#77

Benzidine

Concen: 90.424 ng

RT: 12.516 min Scan# 1773

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

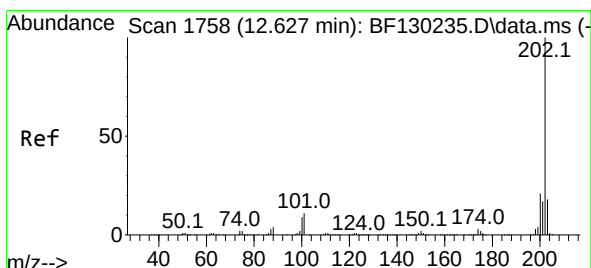
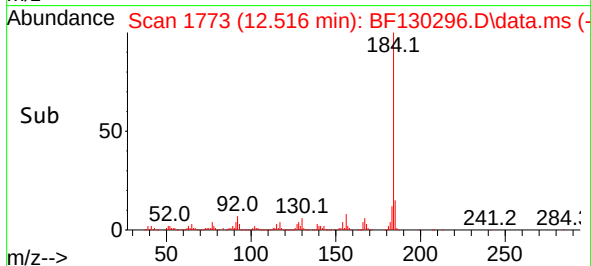
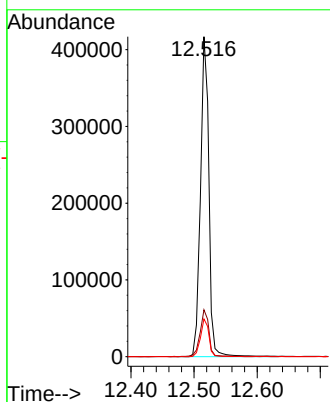
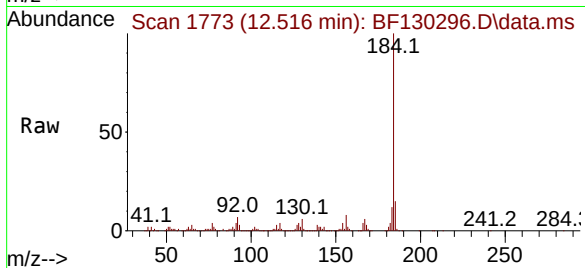
Tgt Ion:184 Resp: 385024

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 11.8 9.1 13.7



#78

Pyrene

Concen: 38.619 ng

RT: 12.610 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

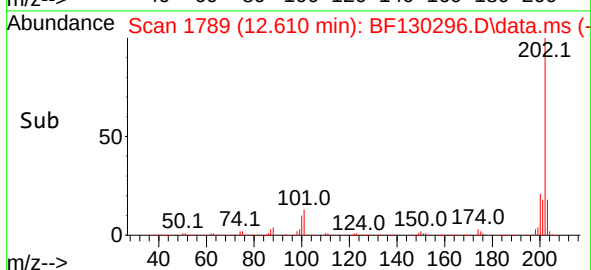
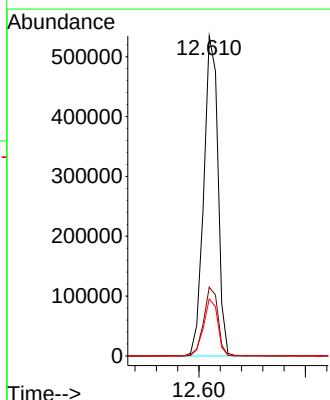
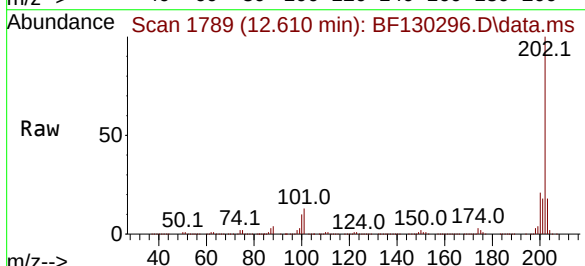
Tgt Ion:202 Resp: 495540

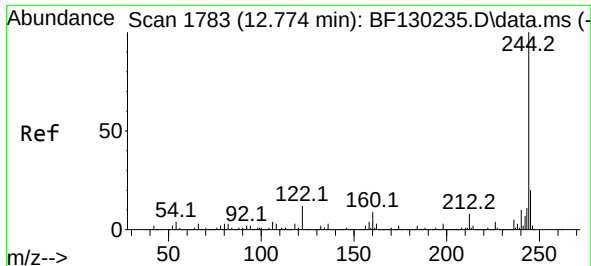
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.8 14.3 21.5

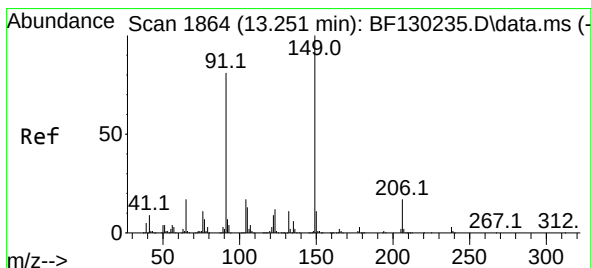
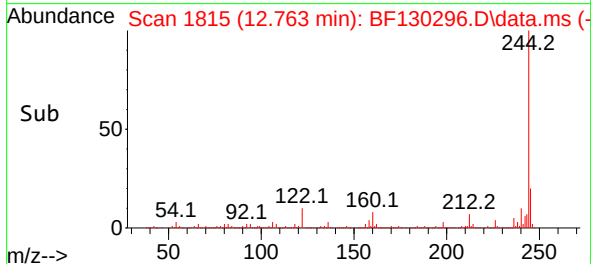
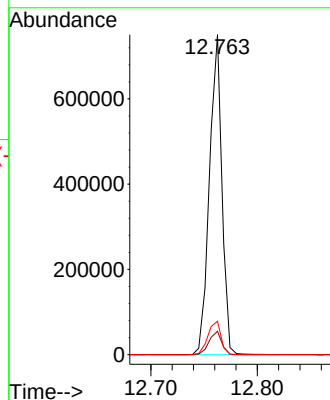
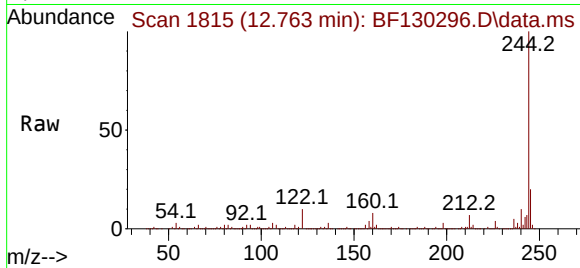




#79
 Terphenyl-d14
 Concen: 69.249 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

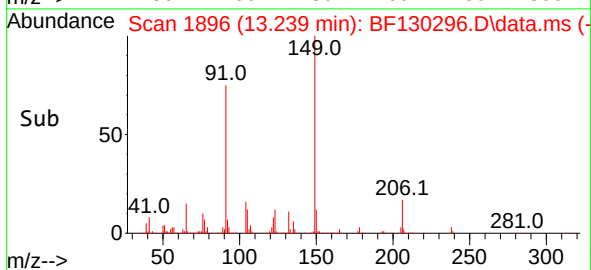
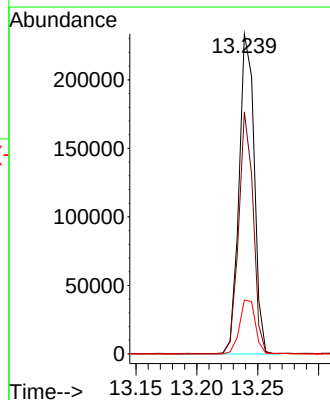
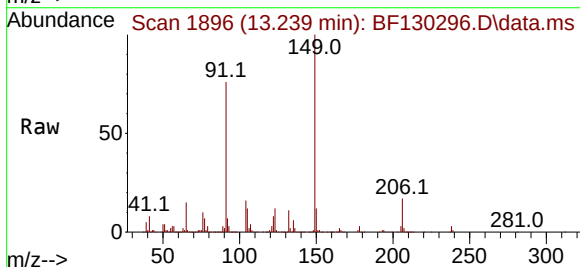
Instrument :
 BNA_F
 ClientSampleId :
 HW-43MS

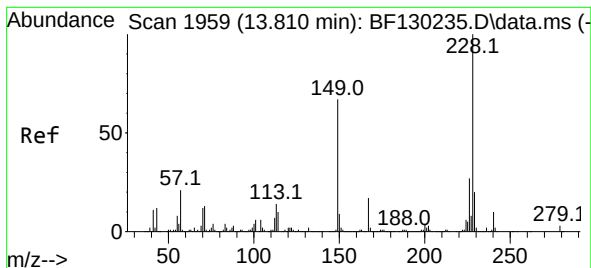
Tgt Ion:244 Resp: 613189
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.5 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 42.508 ng
 RT: 13.239 min Scan# 1896
 Delta R.T. -0.006 min
 Lab File: BF130296.D
 Acq: 16 Sep 2022 18:20

Tgt Ion:149 Resp: 202066
 Ion Ratio Lower Upper
 149 100
 91 75.6 59.8 89.8
 206 16.9 13.9 20.9





#81

Benzo(a)anthracene

Concen: 44.617 ng

RT: 13.798 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

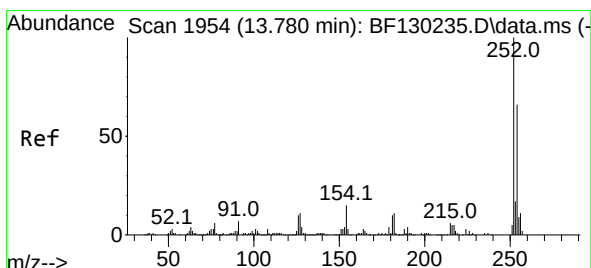
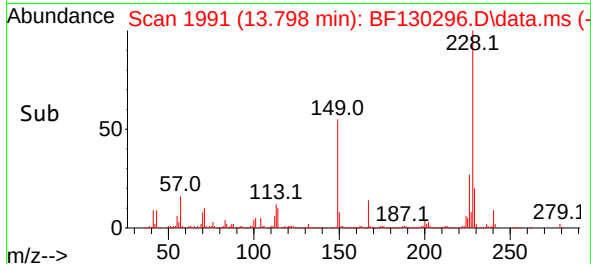
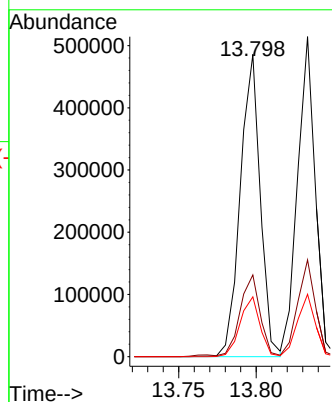
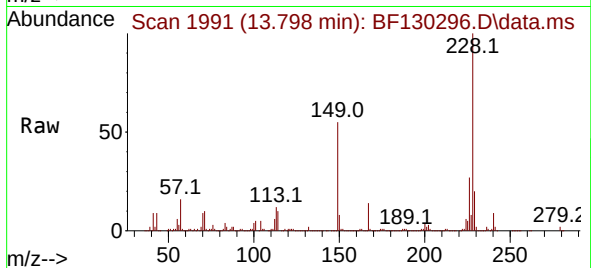
Tgt Ion:228 Resp: 435365

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 51.497 ng

RT: 13.768 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

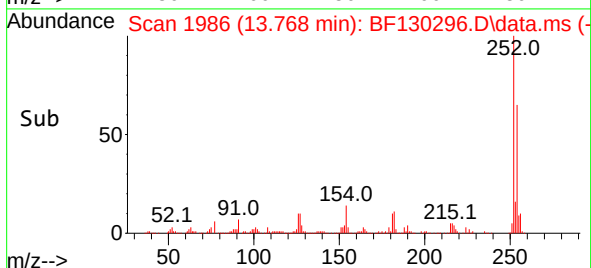
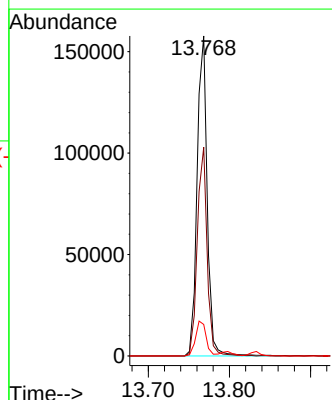
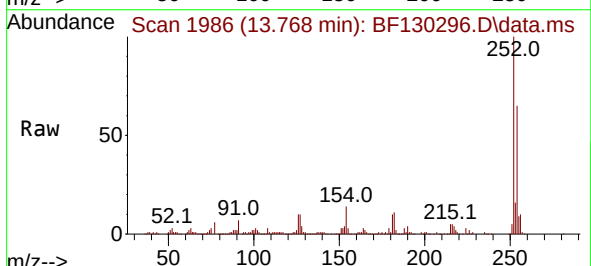
Tgt Ion:252 Resp: 136786

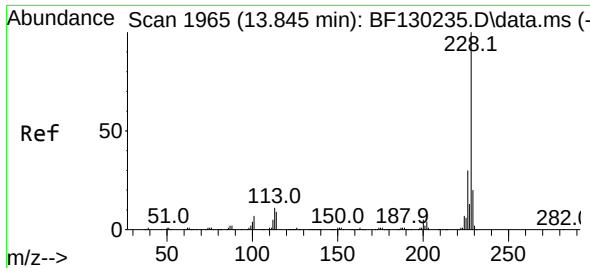
Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

126 9.9 10.4 15.6#





#83

Chrysene

Concen: 44.654 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

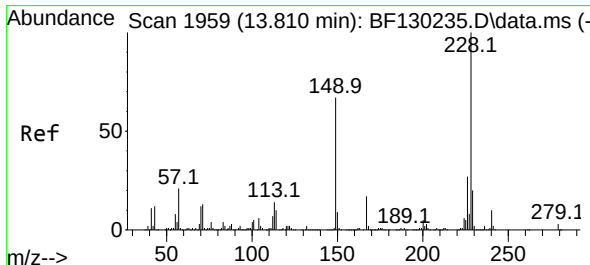
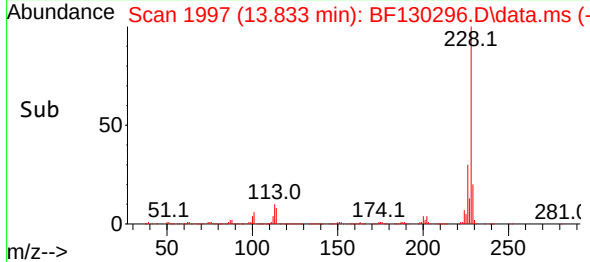
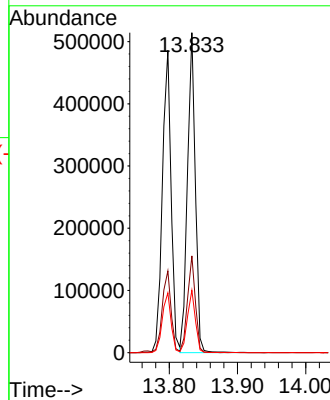
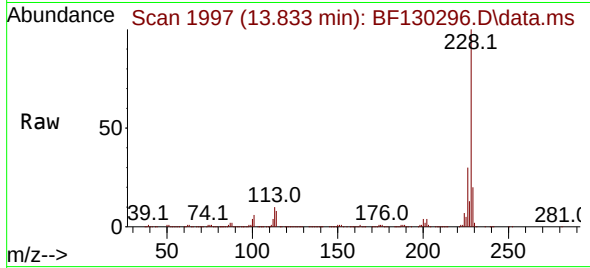
Tgt Ion:228 Resp: 413721

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.5 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.097 ng

RT: 13.804 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

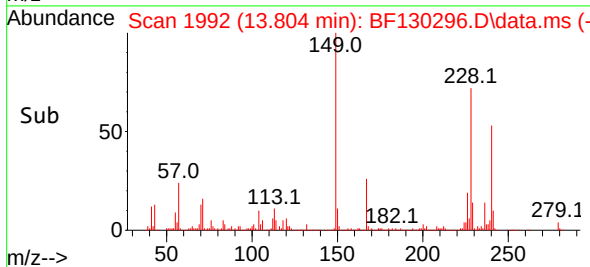
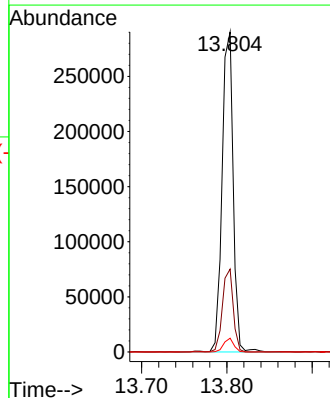
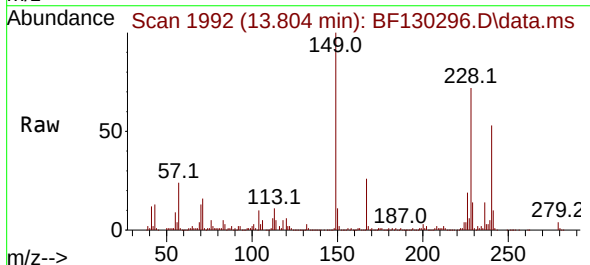
Tgt Ion:149 Resp: 261884

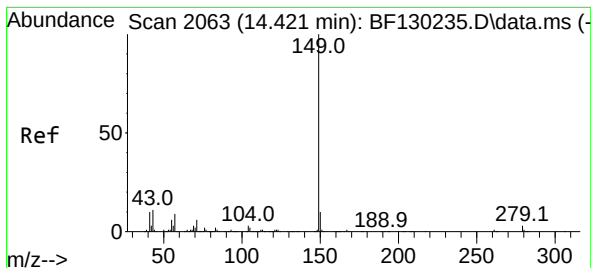
Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 56.741 ng

RT: 14.410 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

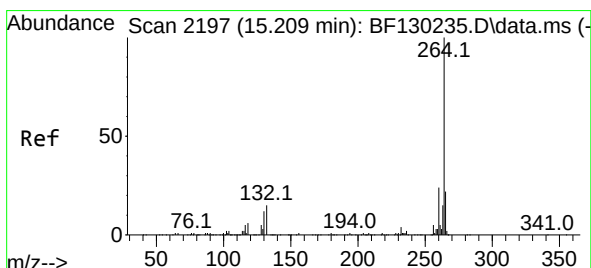
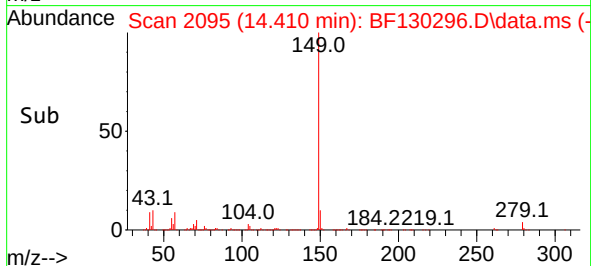
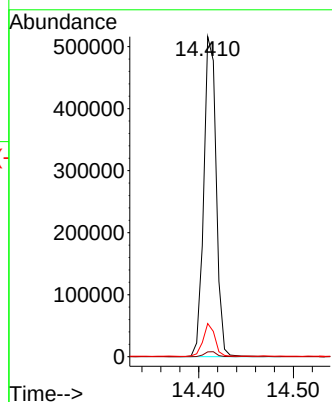
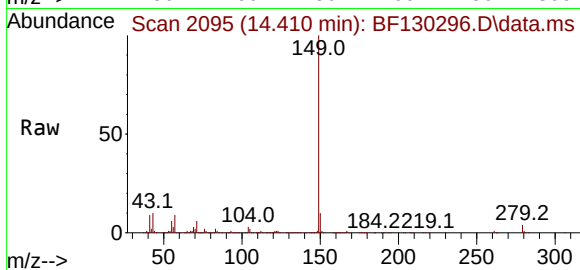
Tgt Ion:149 Resp: 472543

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# 2229

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

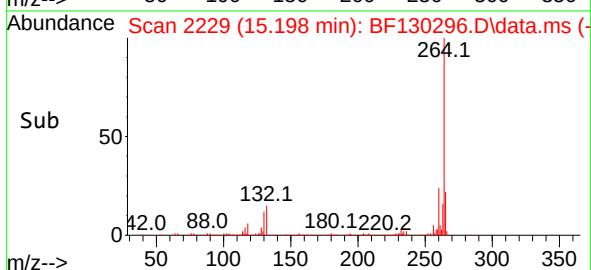
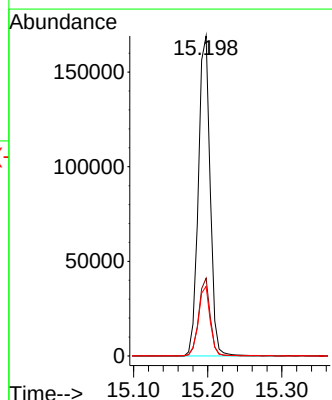
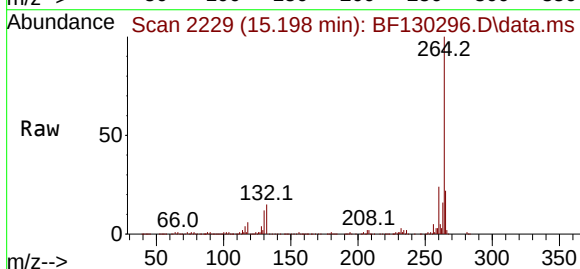
Tgt Ion:264 Resp: 186348

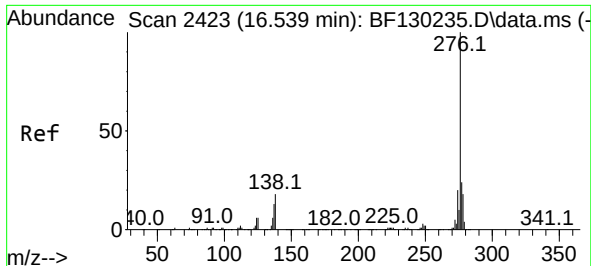
Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.8 17.0 25.4

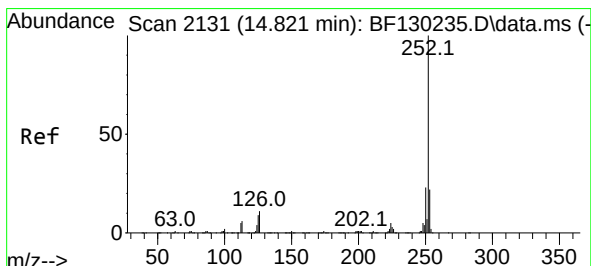
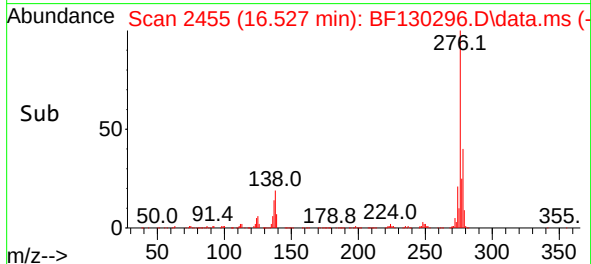
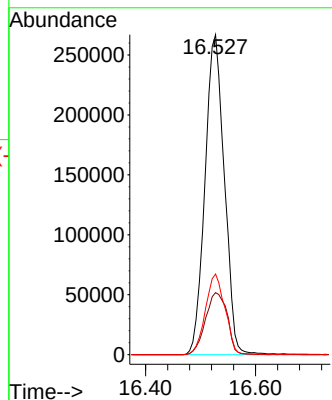
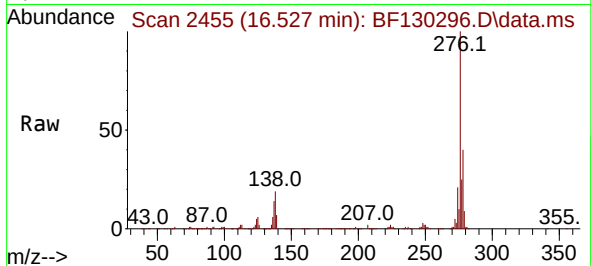




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.414 ng
RT: 16.527 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

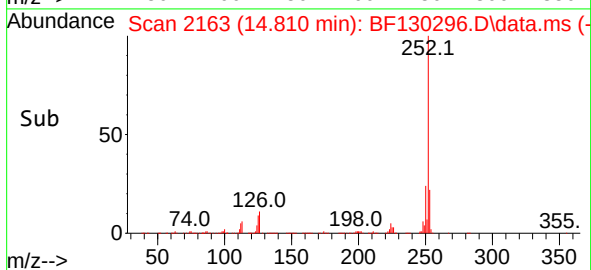
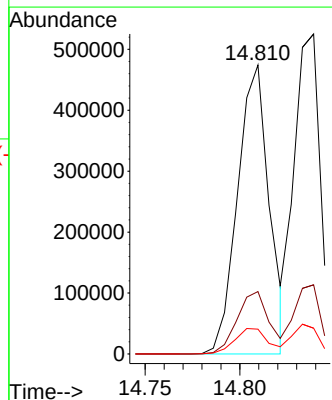
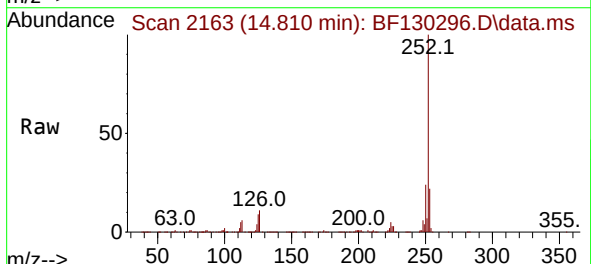
Instrument :
BNA_F
ClientSampleId :
HW-43MS

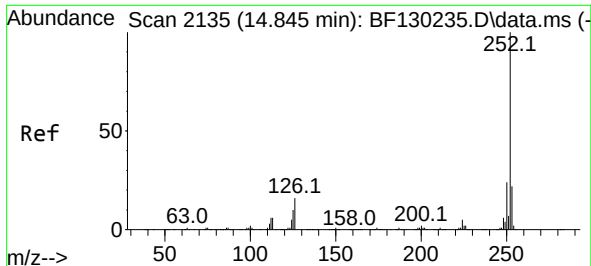
Tgt Ion:276 Resp: 652996
Ion Ratio Lower Upper
276 100
138 21.8 18.5 27.7
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.243 ng
RT: 14.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:252 Resp: 550283
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 42.915 ng

RT: 14.839 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

Instrument :

BNA_F

ClientSampleId :

HW-43MS

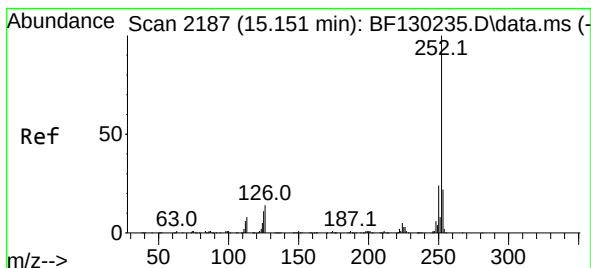
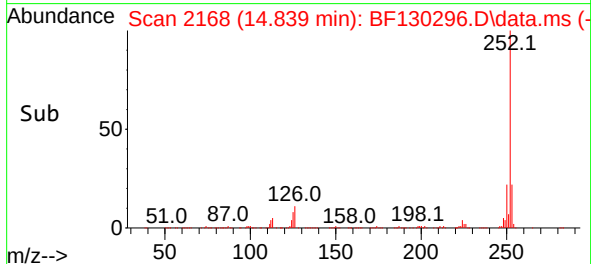
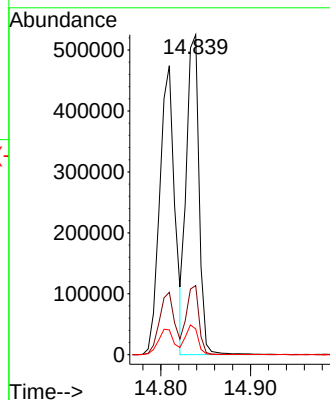
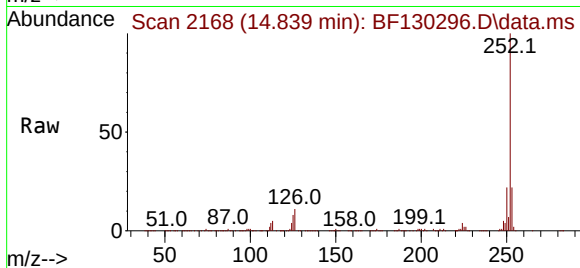
Tgt Ion:252 Resp: 513464

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 49.343 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF130296.D

Acq: 16 Sep 2022 18:20

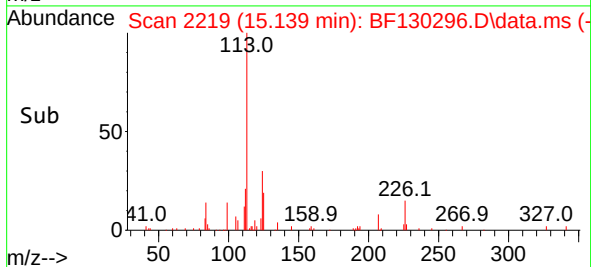
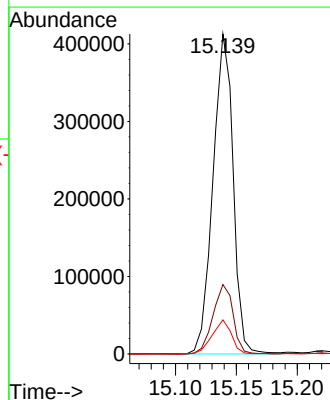
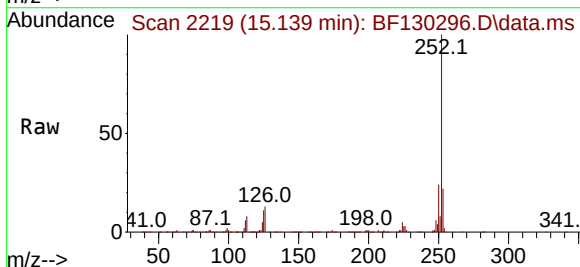
Tgt Ion:252 Resp: 475466

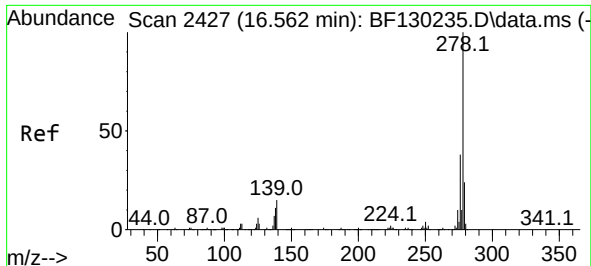
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.7 9.0 13.6

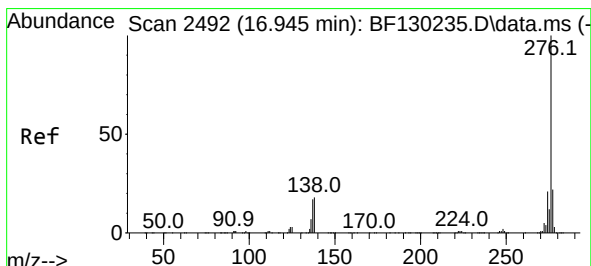
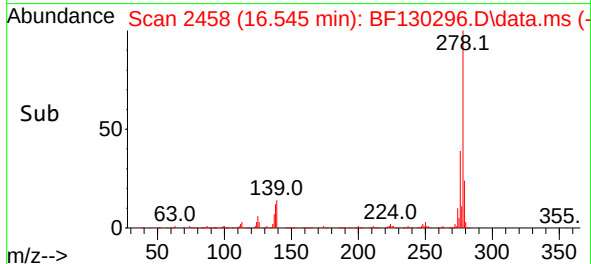
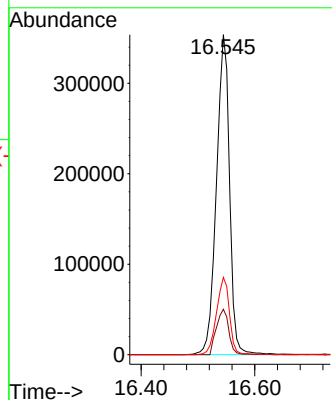
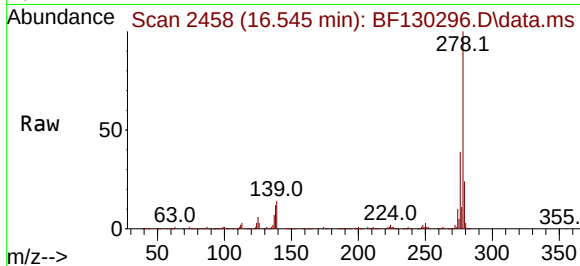




#91
Dibenzo(a,h)anthracene
Concen: 52.178 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Instrument :
BNA_F
ClientSampleId :
HW-43MS

Tgt Ion:278 Resp: 565643
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 51.217 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF130296.D
Acq: 16 Sep 2022 18:20

Tgt Ion:276 Resp: 559314
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 19.0 14.6 21.8

