

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135112.D
 Acq On : 06 Sep 2023 01:10
 Operator : CG\JU
 Sample : 03972-08MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356MS

Quant Time: Sep 06 03:46:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	108575	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	428341	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	195704	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	295669	20.000	ng	0.00
76) Chrysene-d12	13.968	240	191943	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	171419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	827374	117.704	ng	0.03
7) Phenol-d6	6.422	99	937274	106.976	ng	0.00
23) Nitrobenzene-d5	7.345	82	697106	91.432	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	252194	121.480	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1207825	100.482	ng	0.00
79) Terphenyl-d14	12.910	244	1012081	86.047	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	118447	39.780	ng	# 82
3) Pyridine	3.446	79	267797	33.361	ng	98
4) n-Nitrosodimethylamine	3.381	42	186082	47.402	ng	94
6) Aniline	6.445	93	89483	8.239	ng	# 49
8) 2-Chlorophenol	6.563	128	351561	49.230	ng	98
9) Benzaldehyde	6.334	77	123089	27.572	ng	97
10) Phenol	6.440	94	362789	39.442	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	337922	48.788	ng	97
12) 1,3-Dichlorobenzene	6.716	146	365232	49.641	ng	99
13) 1,4-Dichlorobenzene	6.792	146	370035	50.251	ng	99
14) 1,2-Dichlorobenzene	6.945	146	346593	50.438	ng	100
15) Benzyl Alcohol	6.928	79	308011	51.312	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	537189	46.313	ng	91
17) 2-Methylphenol	7.040	107	269675	43.336	ng	95
18) Hexachloroethane	7.281	117	133762	49.037	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	252434	48.505	ng	98
20) 3+4-Methylphenols	7.192	107	324041	44.139	ng	96
22) Acetophenone	7.187	105	487483	51.166	ng	96
24) Nitrobenzene	7.363	77	374397	47.871	ng	98
25) Isophorone	7.598	82	686916	47.519	ng	97
26) 2-Nitrophenol	7.675	139	187154	48.434	ng	96
27) 2,4-Dimethylphenol	7.716	122	257694	41.423	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	417694	47.900	ng	99
29) 2,4-Dichlorophenol	7.916	162	286421	48.443	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	312913	48.973	ng	98
31) Naphthalene	8.075	128	976063	46.647	ng	99
32) Benzoic acid	7.875	122	238122	47.850	ng	96
33) 4-Chloroaniline	8.128	127	45634	4.986	ng	98
34) Hexachlorobutadiene	8.192	225	179825	49.592	ng	99
35) Caprolactam	8.522	113	48486	25.046	ng	# 80
36) 4-Chloro-3-methylphenol	8.622	107	302696	47.135	ng	95
37) 2-Methylnaphthalene	8.769	142	626958	44.907	ng	100
38) 1-Methylnaphthalene	8.869	142	586773	44.918	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	290496	53.025	ng	99
41) Hexachlorocyclopentadiene	8.916	237	156530	67.129	ng	96
43) 2,4,6-Trichlorophenol	9.051	196	194620	52.896	ng	98

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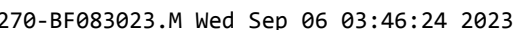
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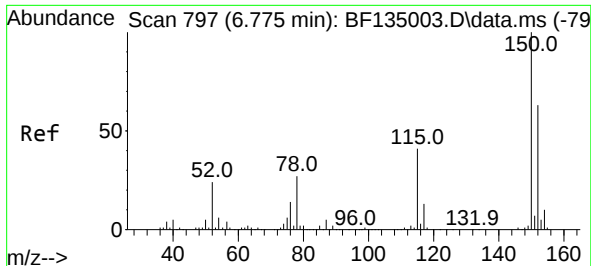
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 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	195022	45.784	ng	99
46) 1,1'-Biphenyl	9.239	154	780445	52.196	ng	99
47) 2-Chloronaphthalene	9.263	162	581338	51.702	ng	99
48) 2-Nitroaniline	9.363	65	196357	51.015	ng	89
49) Acenaphthylene	9.681	152	834495	49.096	ng	99
50) Dimethylphthalate	9.545	163	709348	51.764	ng	100
51) 2,6-Dinitrotoluene	9.610	165	146324	48.663	ng	98
52) Acenaphthene	9.851	154	518898	47.905	ng	100
53) 3-Nitroaniline	9.775	138	64630	18.452	ng	95
54) 2,4-Dinitrophenol	9.886	184	71038	49.432	ng	94
55) Dibenzofuran	10.022	168	736305	47.123	ng	99
56) 4-Nitrophenol	9.963	139	179280	72.815	ng	93
57) 2,4-Dinitrotoluene	10.016	165	173737	46.364	ng	96
58) Fluorene	10.369	166	538348	45.193	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	153512	46.802	ng	# 95
60) Diethylphthalate	10.245	149	688507	53.374	ng	98
61) 4-Chlorophenyl-phenylether	10.363	204	274012	46.504	ng	97
62) 4-Nitroaniline	10.392	138	96909	28.276	ng	92
63) Azobenzene	10.522	77	579353	44.605	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	52606	29.398	ng	95
66) n-Nitrosodiphenylamine	10.480	169	500663	54.459	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	164686	52.514	ng	95
68) Hexachlorobenzene	10.916	284	176734	54.502	ng	97
69) Atrazine	11.028	200	157063	Below Cal		97
70) Pentachlorophenol	11.122	266	163555	83.370	ng	99
71) Phenanthrene	11.333	178	754343	49.453	ng	100
72) Anthracene	11.386	178	709850	45.547	ng	99
73) Carbazole	11.551	167	644037	47.912	ng	99
74) Di-n-butylphthalate	11.880	149	816195	50.370	ng	99
75) Fluoranthene	12.533	202	709644	46.014	ng	98
78) Pyrene	12.763	202	723084	39.677	ng	100
80) Butylbenzylphthalate	13.386	149	311946	47.382	ng	96
81) Benzo(a)anthracene	13.957	228	615115	46.980	ng	99
83) Chrysene	13.992	228	607465	47.210	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	399171	58.586	ng	# 99
85) Di-n-octyl phthalate	14.568	149	703861	67.682	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	520412	45.072	ng	98
88) Benzo(b)fluoranthene	15.010	252	571752	53.605	ng	98
89) Benzo(k)fluoranthene	15.039	252	510479	49.541	ng	98
90) Benzo(a)pyrene	15.374	252	437279	44.133	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	440174	47.070	ng	96
92) Benzo(g,h,i)perylene	17.368	276	407380	41.885	ng	98

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

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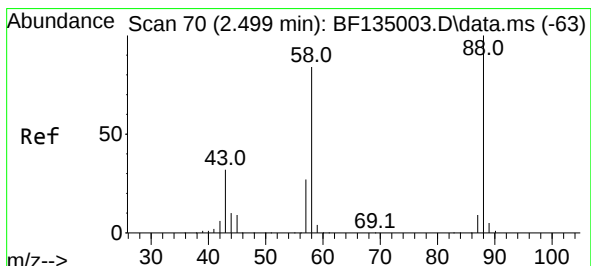
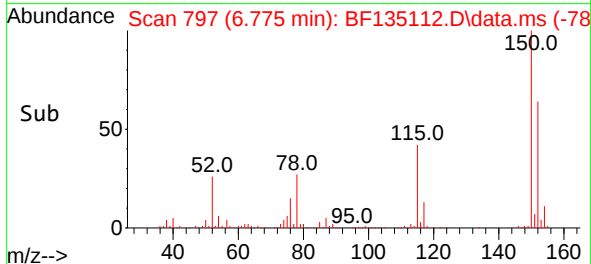
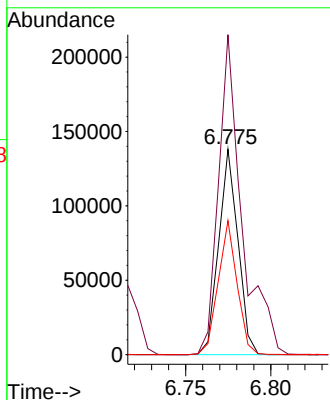
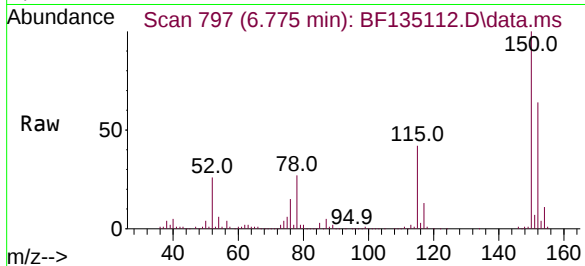




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135112.D
 Acq: 06 Sep 2023 01:10

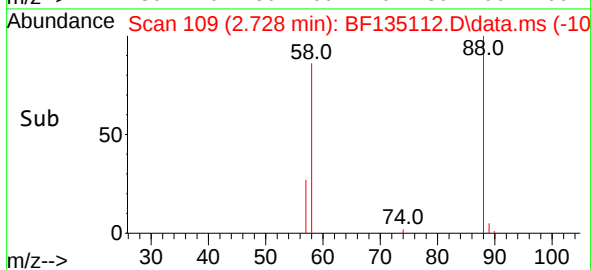
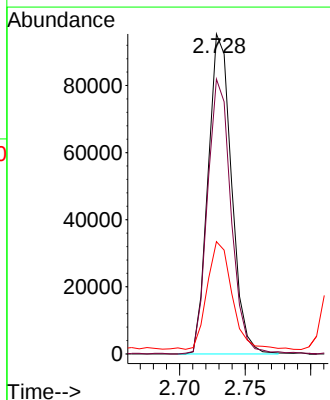
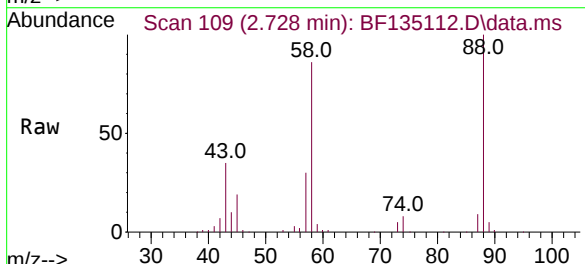
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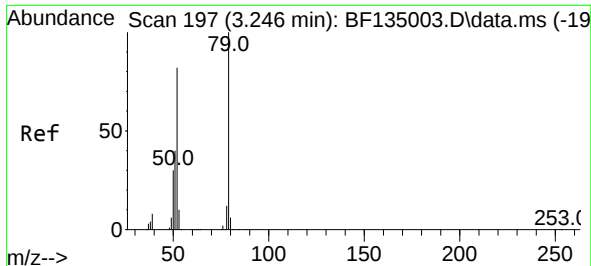
Tgt Ion:152 Resp: 108575
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.4
 115 65.3 51.2 76.8



#2
 1,4-Dioxane
 Concen: 39.780 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.229 min
 Lab File: BF135112.D
 Acq: 06 Sep 2023 01:10

Tgt Ion: 88 Resp: 118447
 Ion Ratio Lower Upper
 88 100
 58 85.9 67.1 100.7
 43 0.0 25.9 38.9

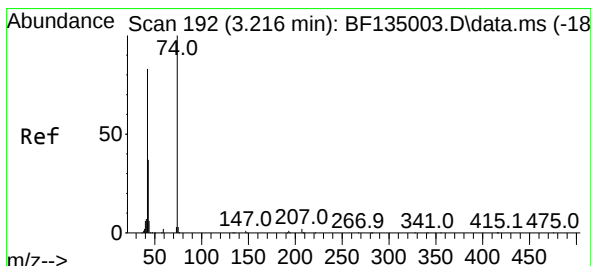
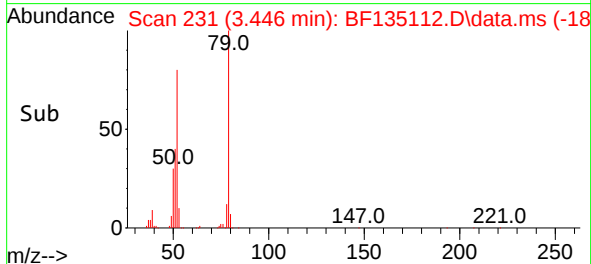
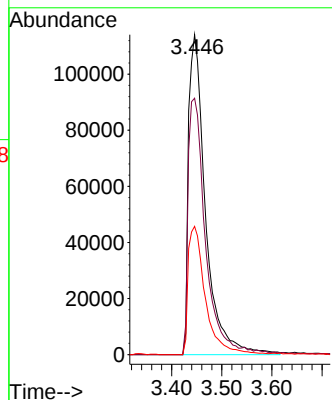
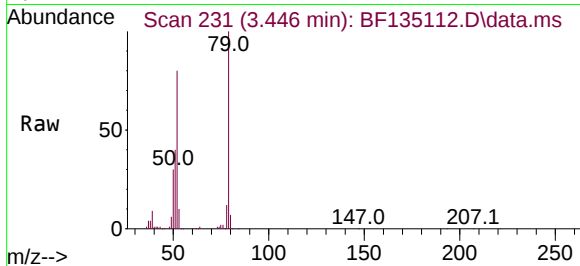




#3
Pyridine
Concen: 33.361 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.200 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

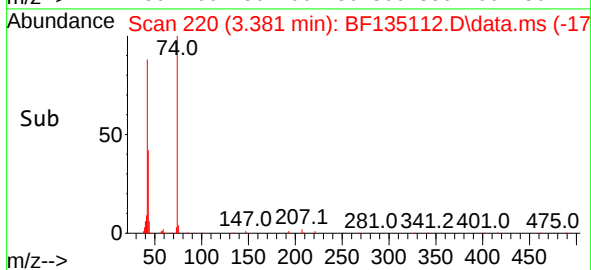
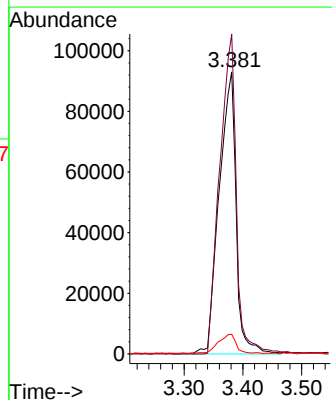
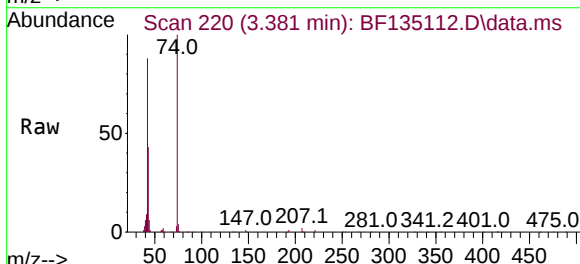
Instrument :
BNA_F
ClientSampleId :
356MS

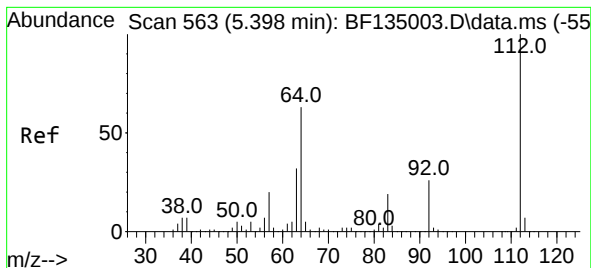
Tgt Ion: 79 Resp: 267797
Ion Ratio Lower Upper
79 100
52 80.1 65.4 98.2
51 40.1 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 47.402 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.165 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 42 Resp: 186082
Ion Ratio Lower Upper
42 100
74 113.5 96.2 144.2
44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 117.704 ng

RT: 5.428 min Scan# 563

Delta R.T. 0.029 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

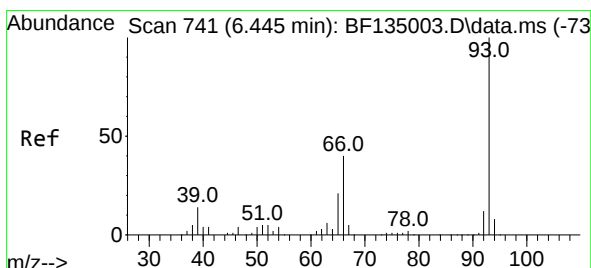
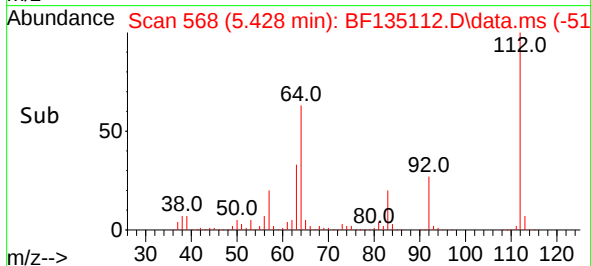
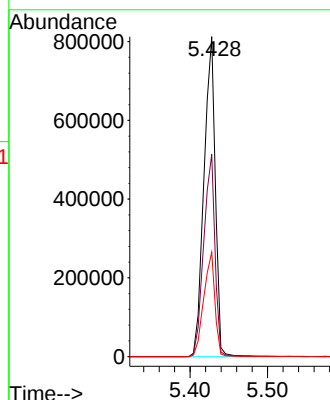
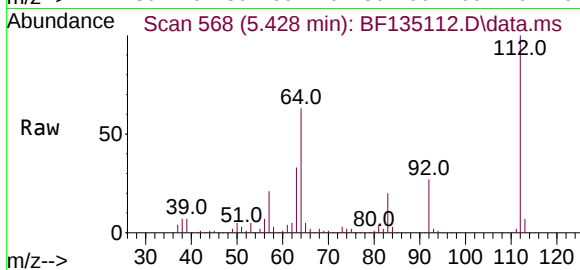
Tgt Ion:112 Resp: 827374

Ion Ratio Lower Upper

112 100

64 63.2 50.5 75.7

63 32.6 25.9 38.9



#6

Aniline

Concen: 8.239 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

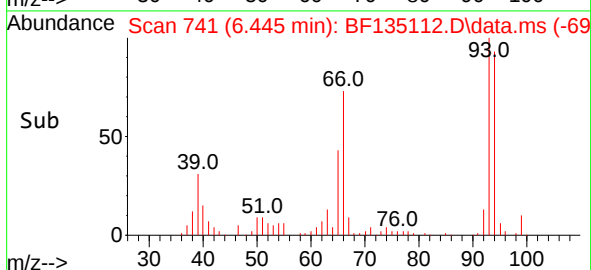
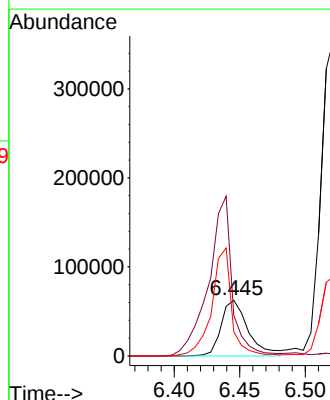
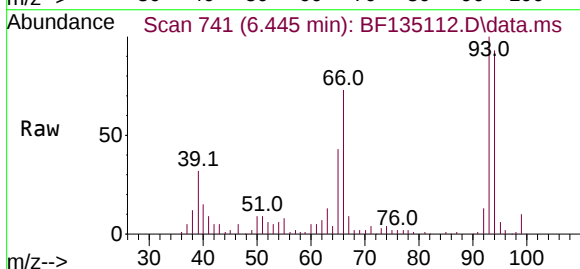
Tgt Ion: 93 Resp: 89483

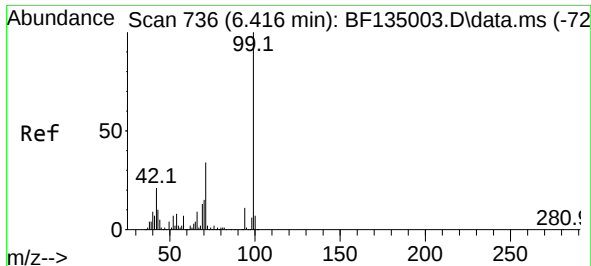
Ion Ratio Lower Upper

93 100

66 72.8 32.4 48.6#

65 43.2 16.6 24.8#





#7

Phenol-d6

Concen: 106.976 ng

RT: 6.422 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

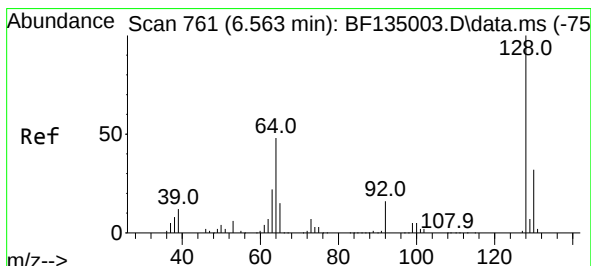
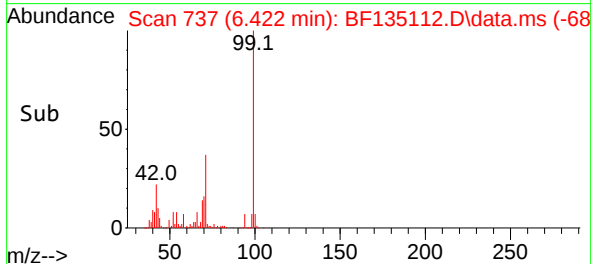
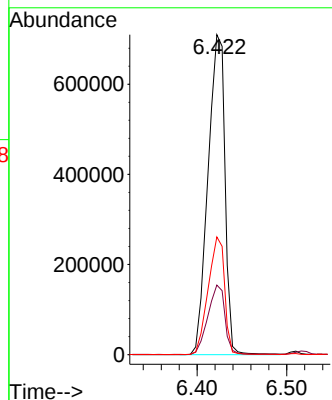
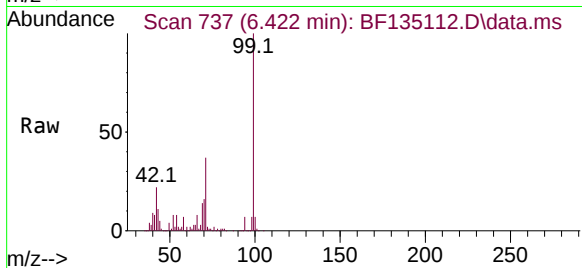
Tgt Ion: 99 Resp: 937274

Ion Ratio Lower Upper

99 100

42 21.7 16.6 25.0

71 36.8 27.0 40.6



#8

2-Chlorophenol

Concen: 49.230 ng

RT: 6.563 min Scan# 761

Delta R.T. 0.000 min

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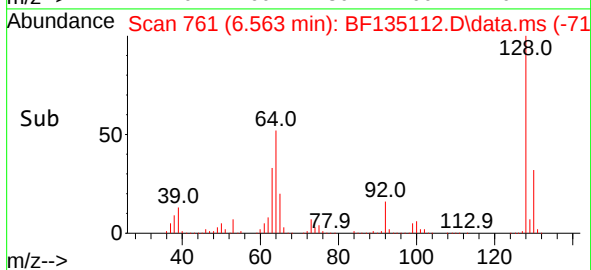
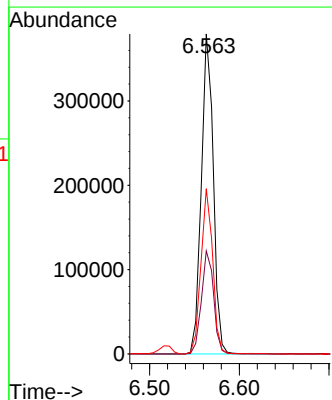
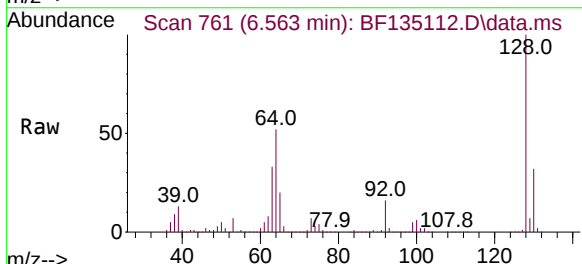
Tgt Ion:128 Resp: 351561

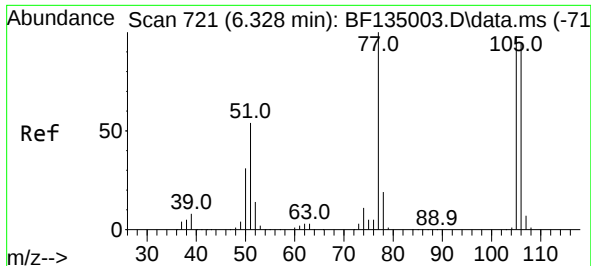
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 51.6 29.0 69.0

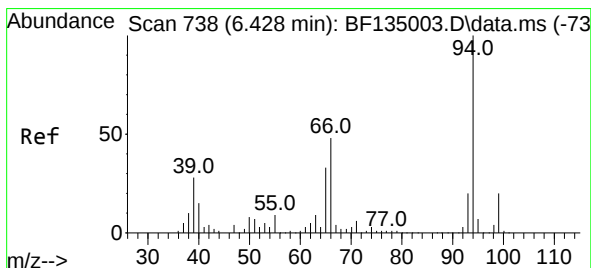
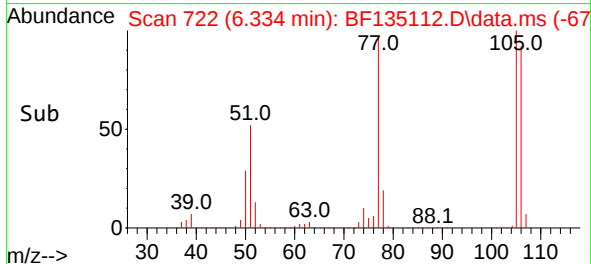
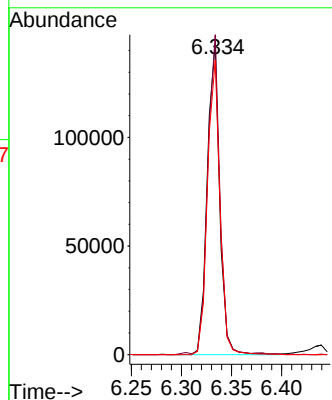
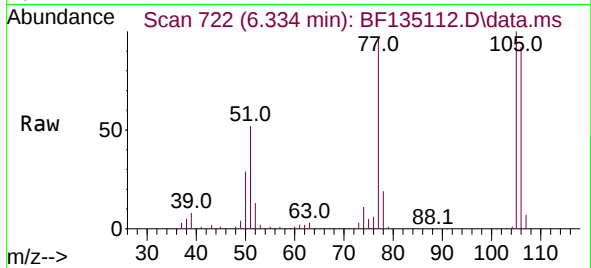




#9
Benzaldehyde
Concen: 27.572 ng
RT: 6.334 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

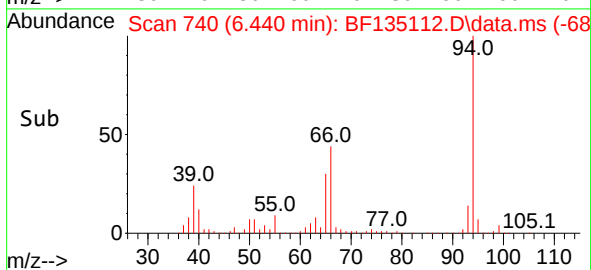
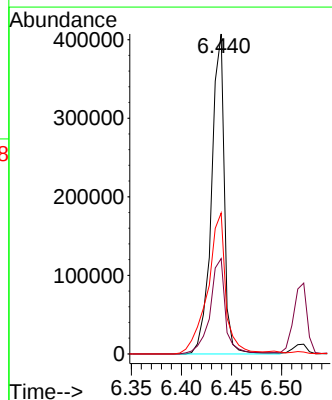
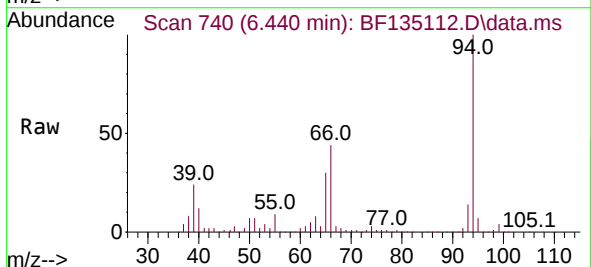
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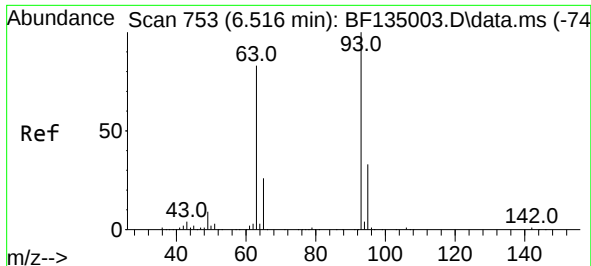
Tgt Ion: 77 Resp: 123089
Ion Ratio Lower Upper
77 100
105 103.0 78.4 118.4
106 94.8 74.3 114.3



#10
Phenol
Concen: 39.442 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 94 Resp: 362789
Ion Ratio Lower Upper
94 100
65 29.8 13.2 53.2
66 44.0 27.5 67.5

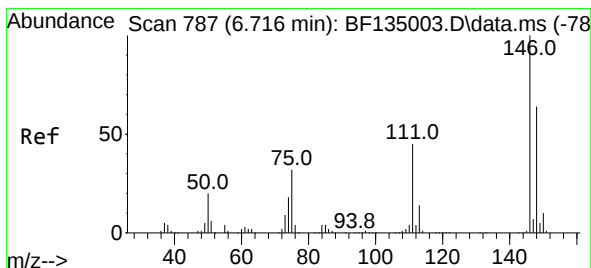
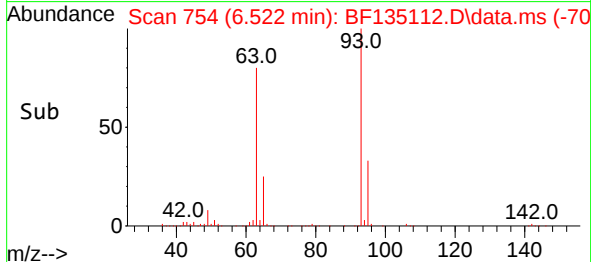
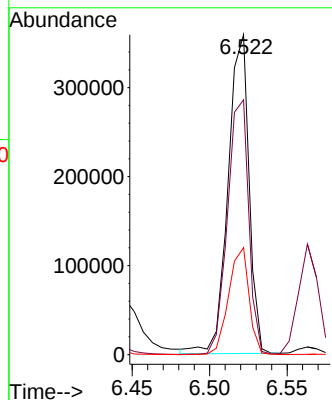
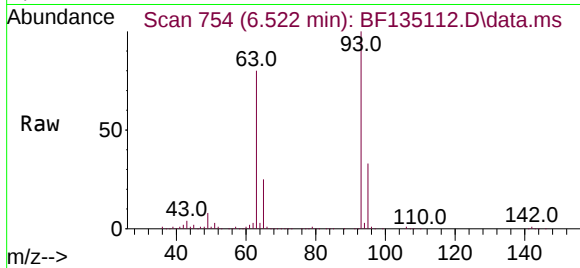




#11
bis(2-Chloroethyl)ether
Concen: 48.788 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

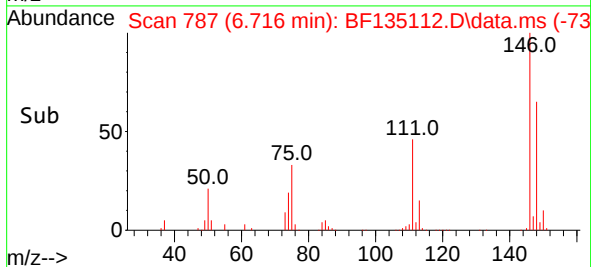
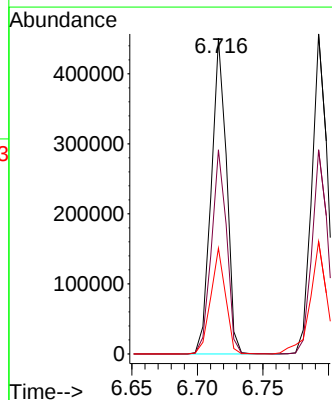
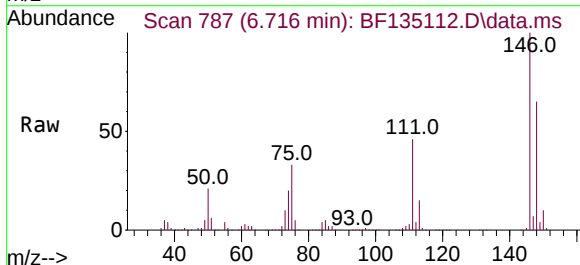
Instrument :
BNA_F
ClientSampleId :
356MS

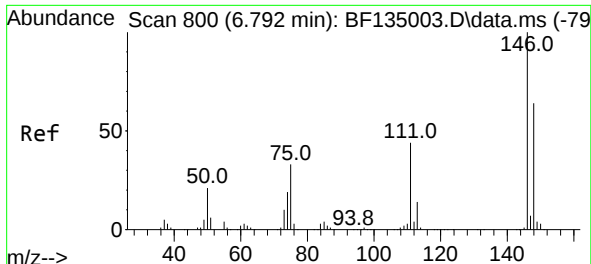
Tgt Ion: 93 Resp: 337922
Ion Ratio Lower Upper
93 100
63 79.6 62.8 102.8
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.641 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:146 Resp: 365232
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
75 33.5 25.8 38.8

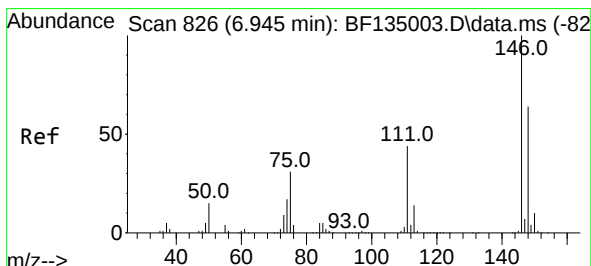
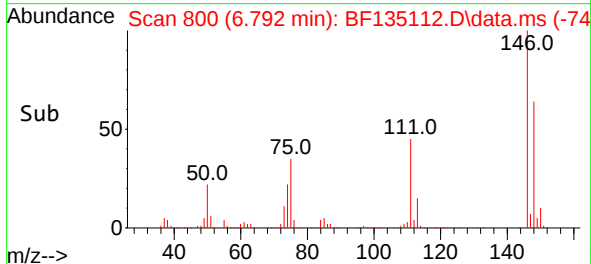
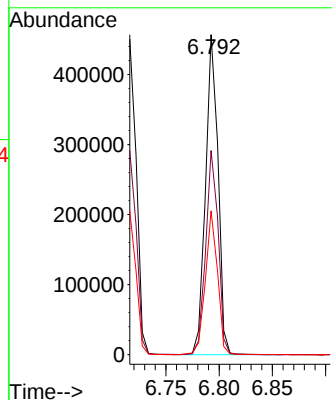
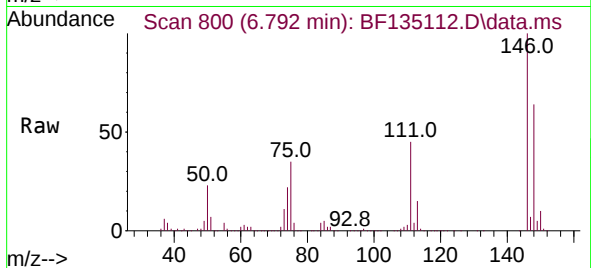




#13
1,4-Dichlorobenzene
Concen: 50.251 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

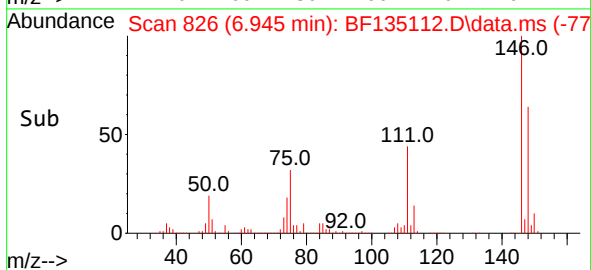
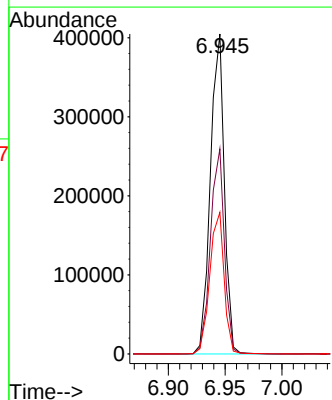
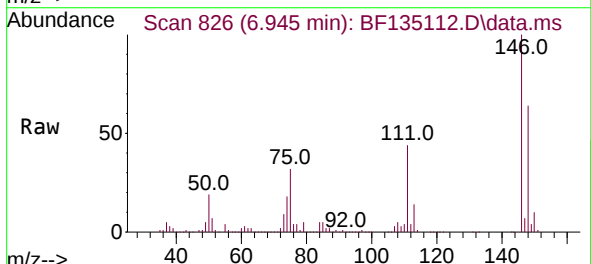
Instrument :
BNA_F
ClientSampleId :
356MS

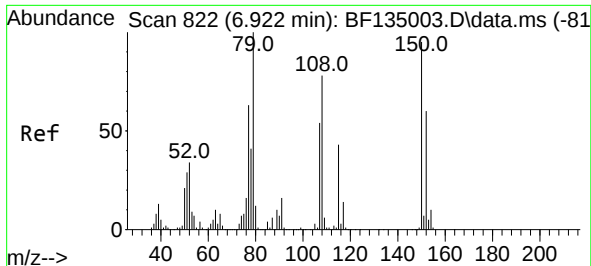
Tgt Ion:146 Resp: 370035
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
111 44.9 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 50.438 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:146 Resp: 346593
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 44.2 35.3 52.9

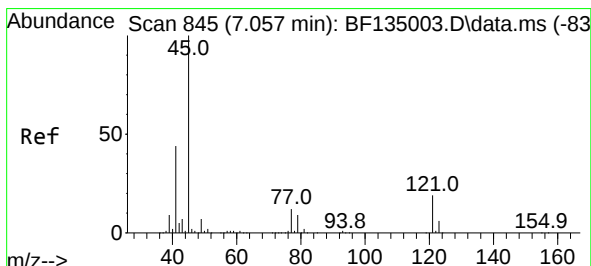
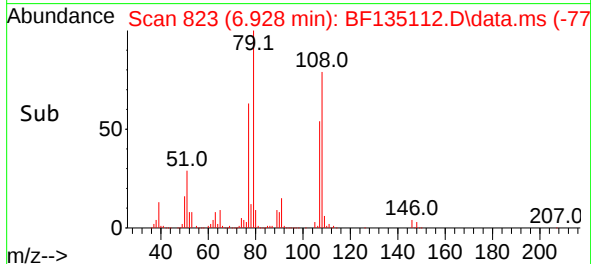
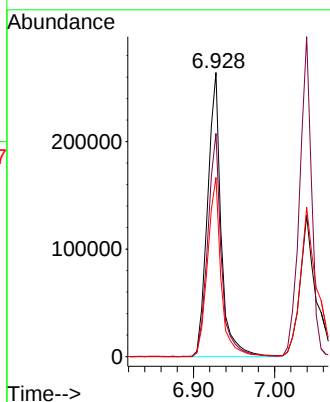
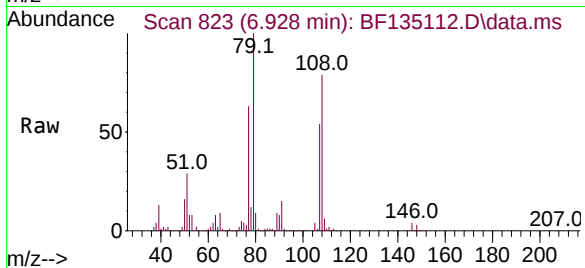




#15
Benzyl Alcohol
Concen: 51.312 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

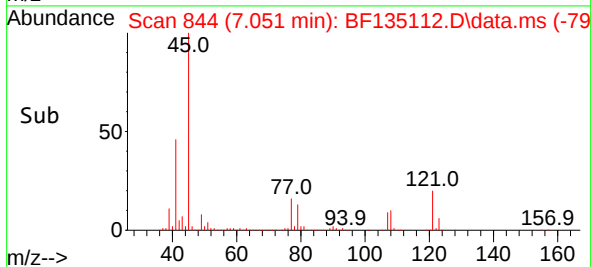
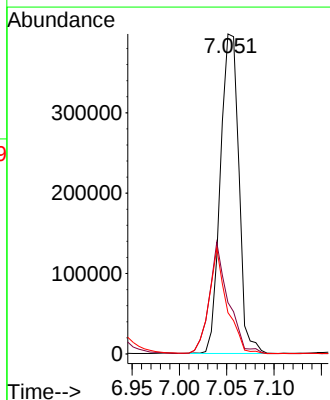
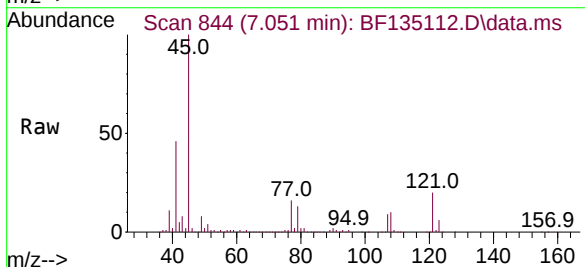
Instrument :
BNA_F
ClientSampleId :
356MS

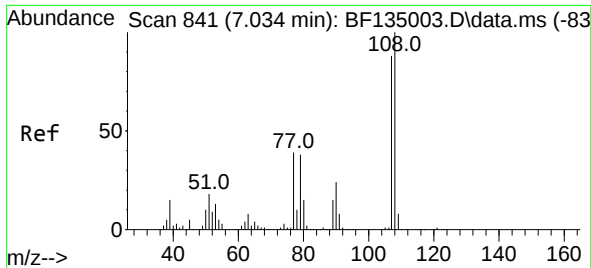
Tgt Ion: 79 Resp: 308011
Ion Ratio Lower Upper
79 100
108 78.5 62.5 93.7
77 63.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.313 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 45 Resp: 537189
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.3
79 12.9 0.0 29.5

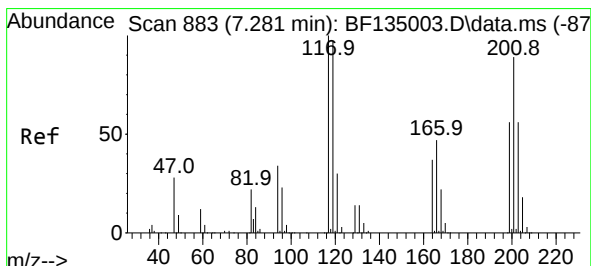
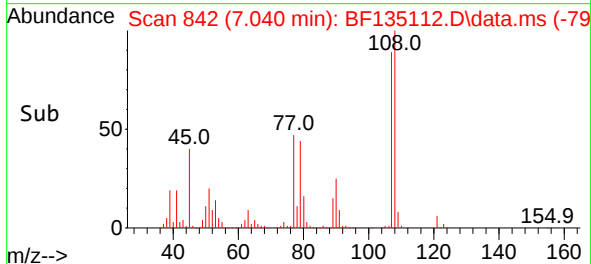
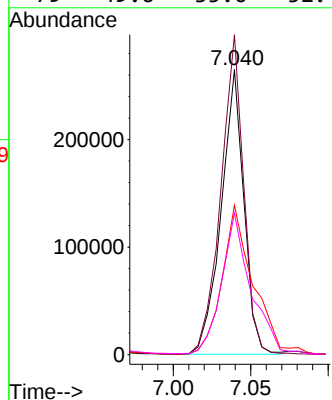
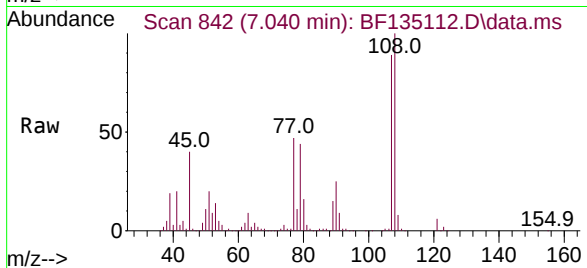




#17
2-Methylphenol
Concen: 43.336 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

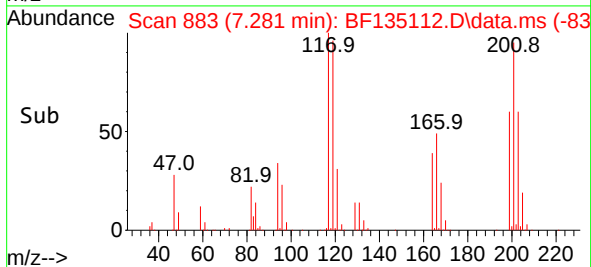
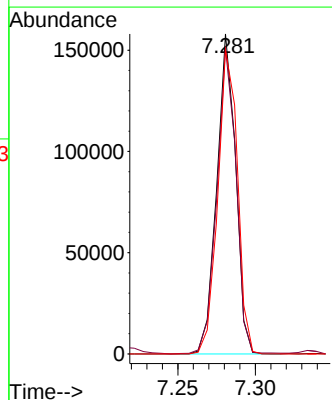
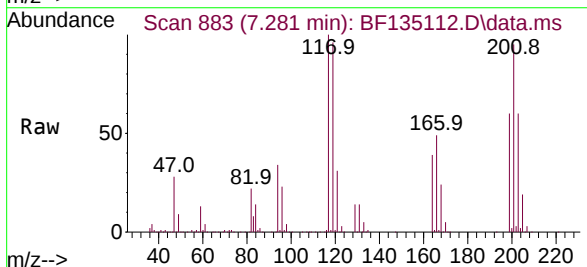
Instrument :
BNA_F
ClientSampleId :
356MS

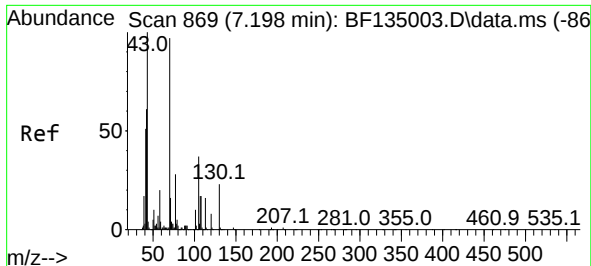
Tgt Ion:	107	Resp:	269675
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.2	136.8
77	52.4	36.0	54.0
79	49.6	35.0	52.4



#18
Hexachloroethane
Concen: 49.037 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:	117	Resp:	133762
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
201	95.1	71.4	107.2



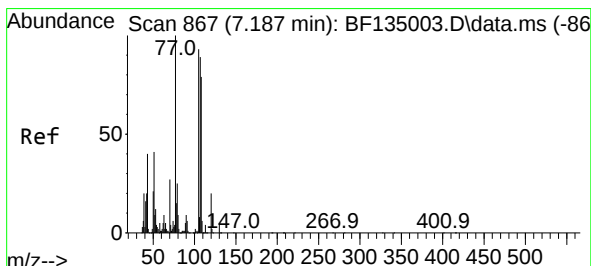
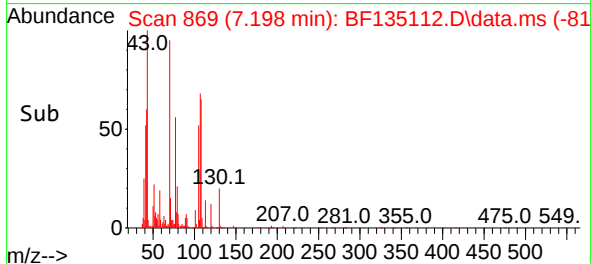
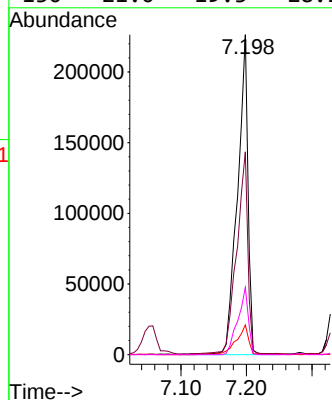
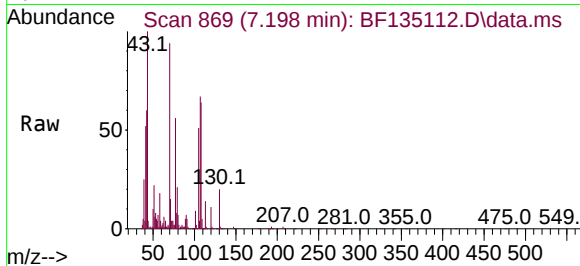


#19
n-Nitroso-di-n-propylamine
Concen: 48.505 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Instrument :
BNA_F
ClientSampleId :
356MS

Tgt Ion: 70 Resp: 252434

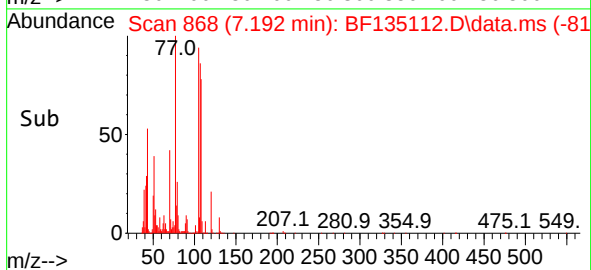
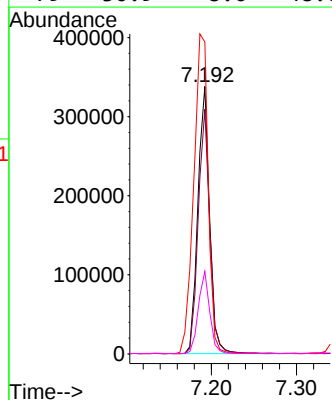
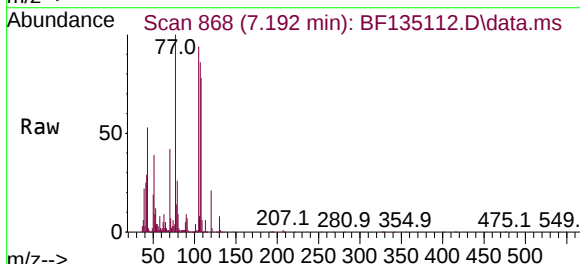
Ion	Ratio	Lower	Upper
70	100		
42	63.4	50.2	75.4
101	9.3	8.1	12.1
130	21.0	19.3	28.9

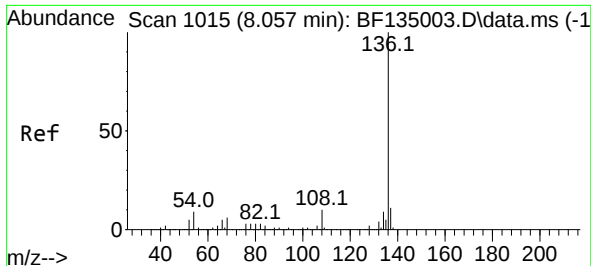


#20
3+4-Methylphenols
Concen: 44.139 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 107 Resp: 324041

Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.6	108.6
77	116.6	92.3	132.3
79	30.9	8.0	48.0

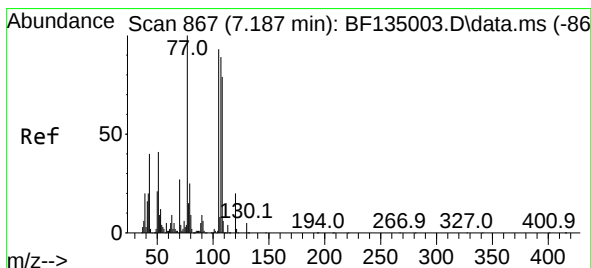
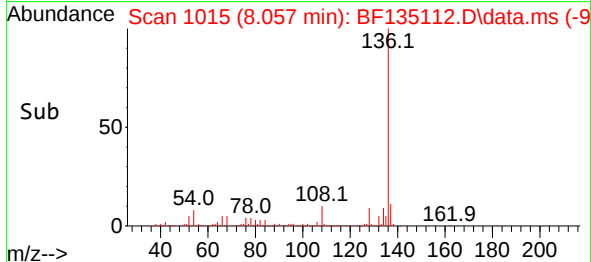
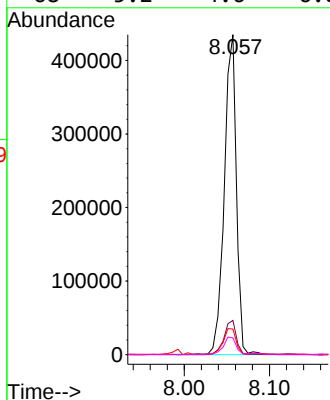
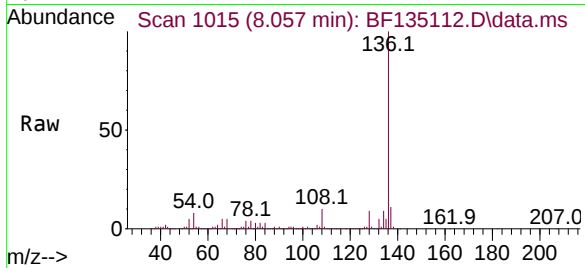




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

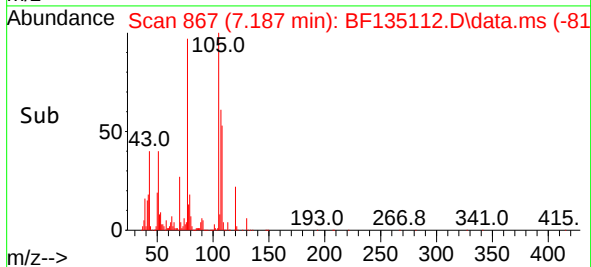
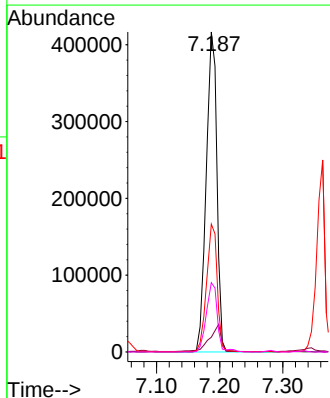
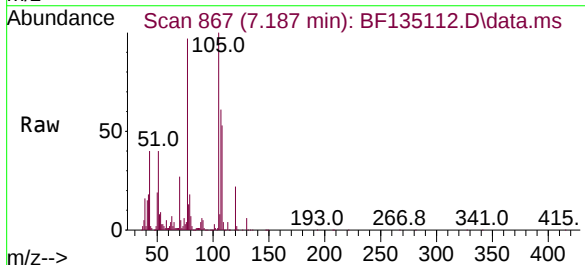
Instrument :
BNA_F
ClientSampleId :
356MS

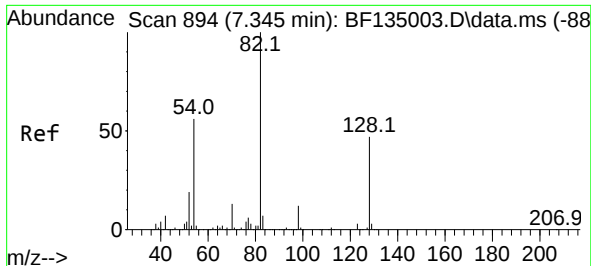
Tgt Ion:136 Resp: 428341
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 7.0 10.4
68 5.2 4.6 6.8



#22
Acetophenone
Concen: 51.166 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:105 Resp: 487483
Ion Ratio Lower Upper
105 100
71 4.6 3.8 5.6
51 39.9 35.0 52.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 91.432 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

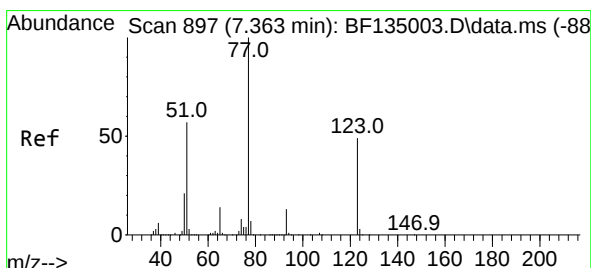
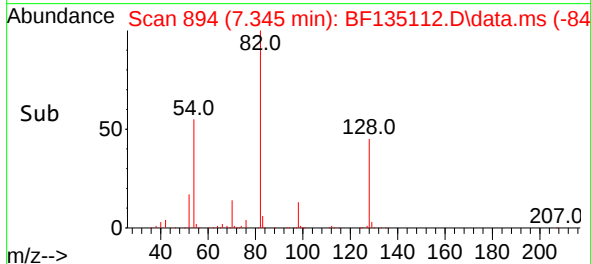
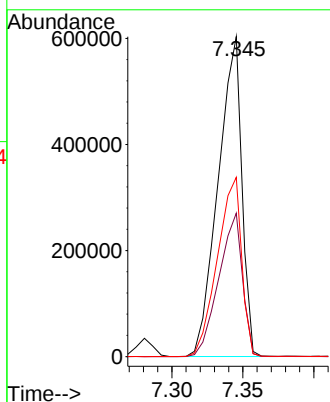
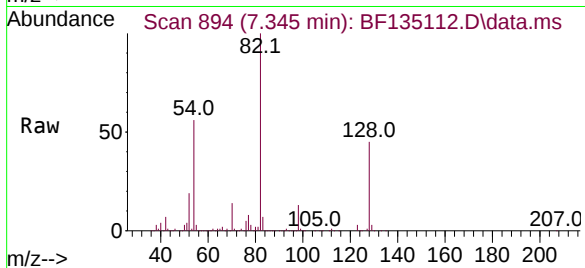
Tgt Ion: 82 Resp: 697106

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

54 56.0 45.0 67.6



#24

Nitrobenzene

Concen: 47.871 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

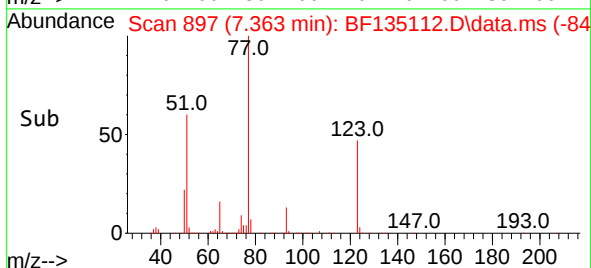
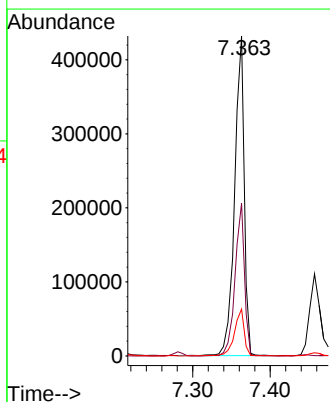
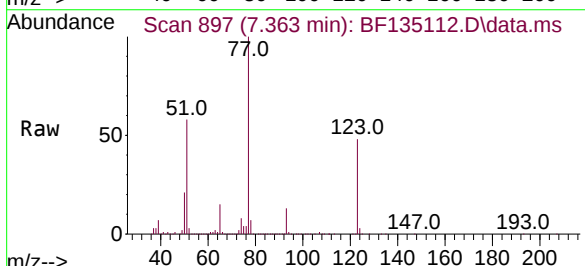
Tgt Ion: 77 Resp: 374397

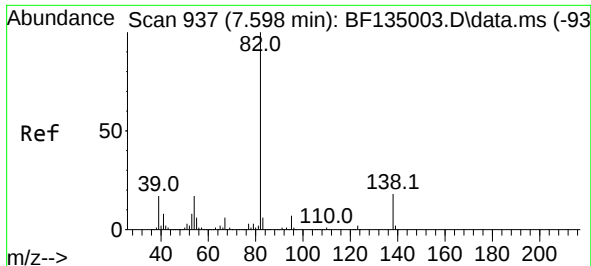
Ion Ratio Lower Upper

77 100

123 47.7 39.4 59.2

65 14.6 11.4 17.2

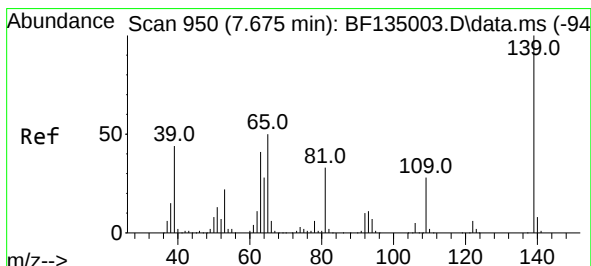
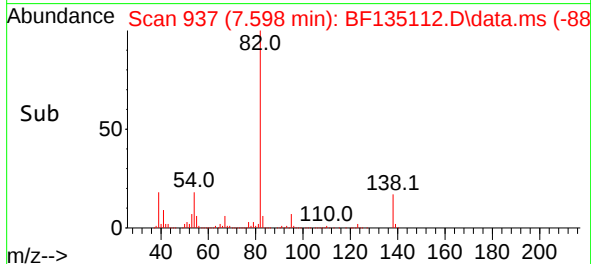
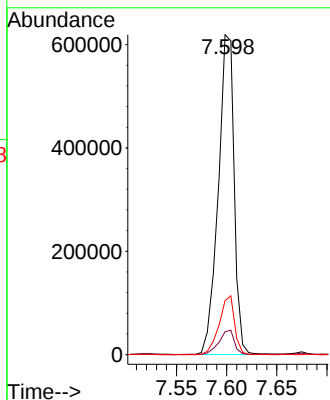
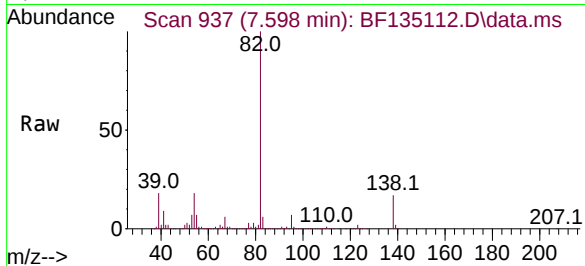




#25
Isophorone
Concen: 47.519 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

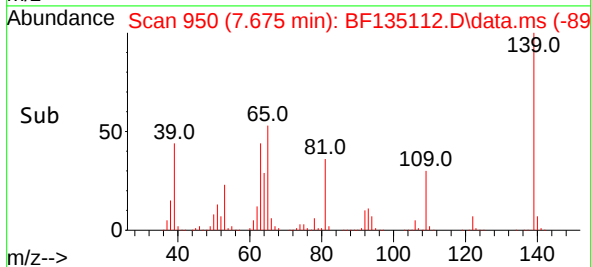
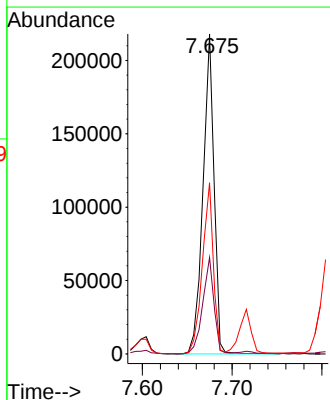
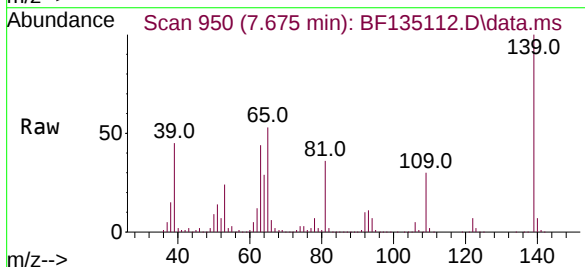
Instrument :
BNA_F
ClientSampleId :
356MS

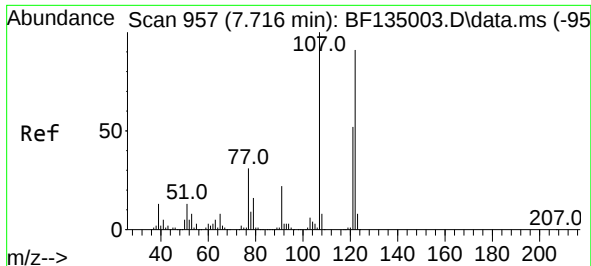
Tgt Ion: 82 Resp: 686916
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 16.9 14.7 22.1



#26
2-Nitrophenol
Concen: 48.434 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 139 Resp: 187154
Ion Ratio Lower Upper
139 100
109 30.1 22.6 34.0
65 53.5 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 41.423 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

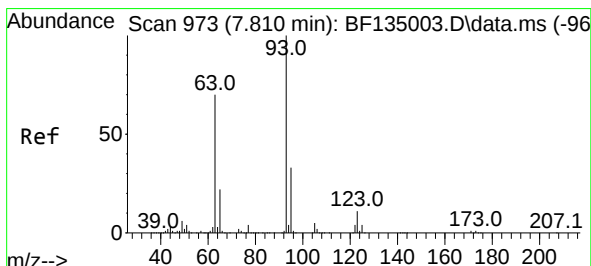
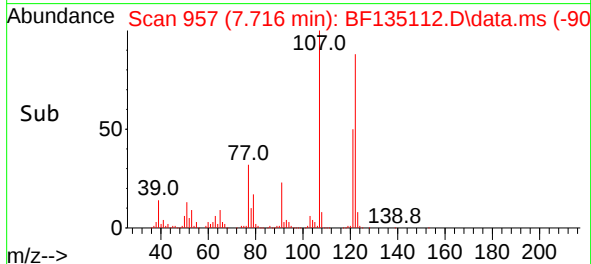
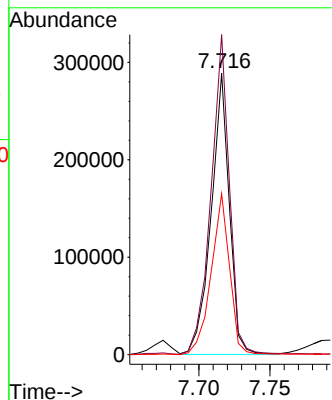
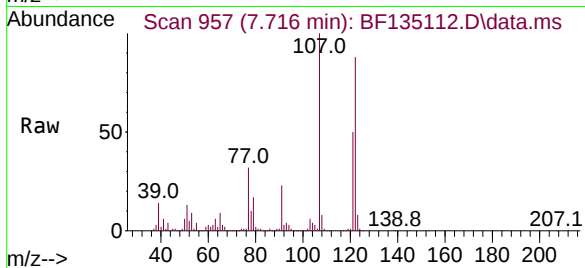
Tgt Ion:122 Resp: 257694

Ion Ratio Lower Upper

122 100

107 113.7 87.8 131.8

121 57.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.900 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

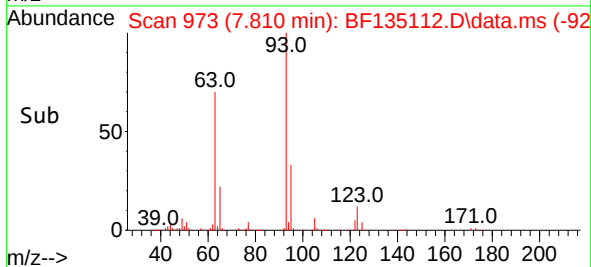
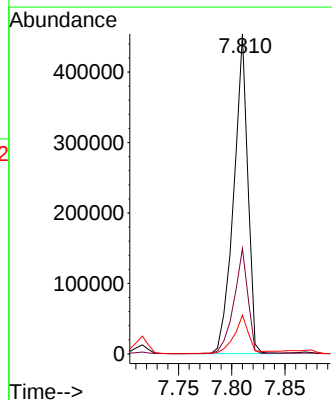
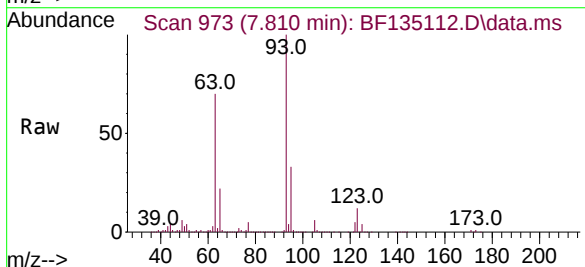
Tgt Ion: 93 Resp: 417694

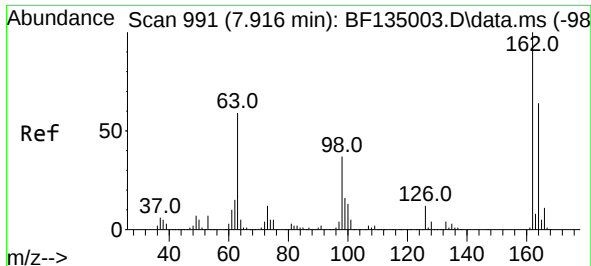
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

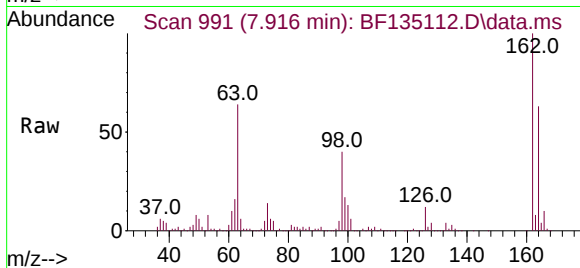
123 12.1 9.2 13.8



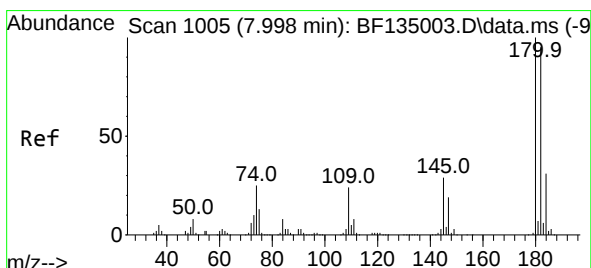
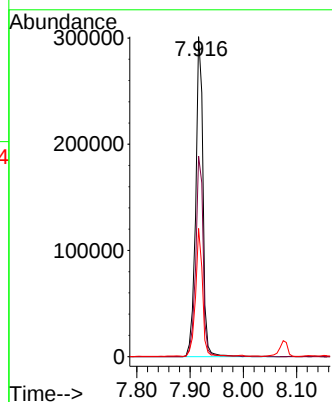
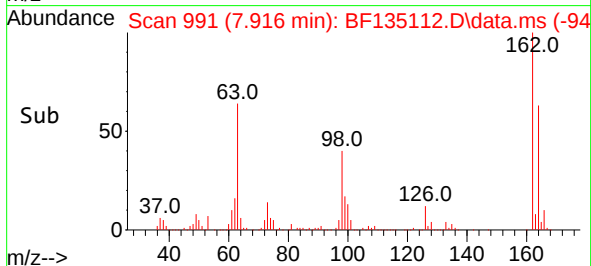


#29
2,4-Dichlorophenol
Concen: 48.443 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

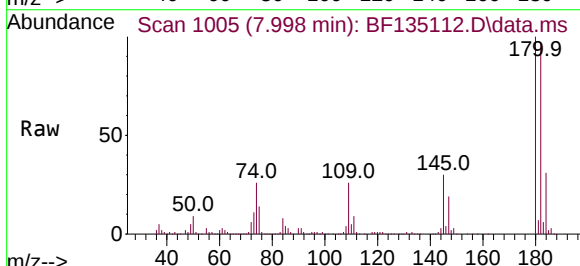
Instrument :
BNA_F
ClientSampleId :
356MS



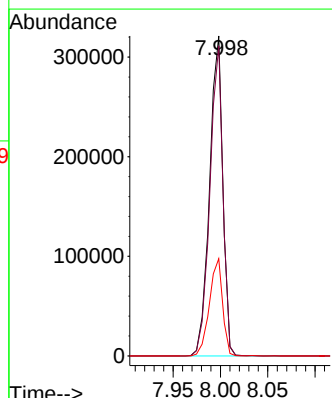
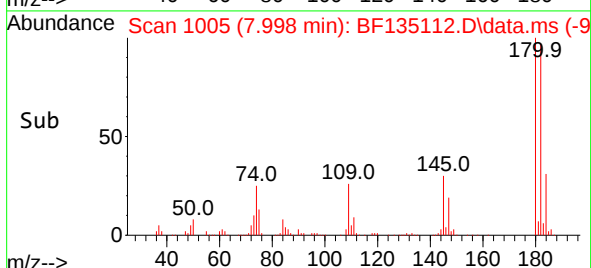
Tgt Ion:162 Resp: 286421
Ion Ratio Lower Upper
162 100
164 62.7 44.2 84.2
98 40.0 17.3 57.3

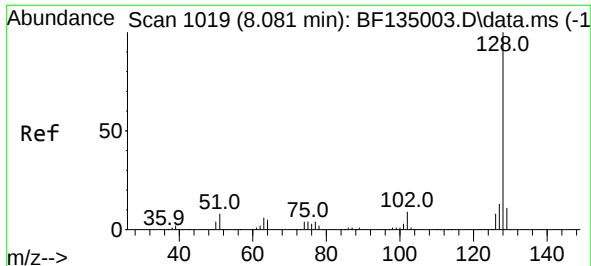


#30
1,2,4-Trichlorobenzene
Concen: 48.973 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10



Tgt Ion:180 Resp: 312913
Ion Ratio Lower Upper
180 100
182 96.9 76.3 114.5
145 30.4 23.5 35.3

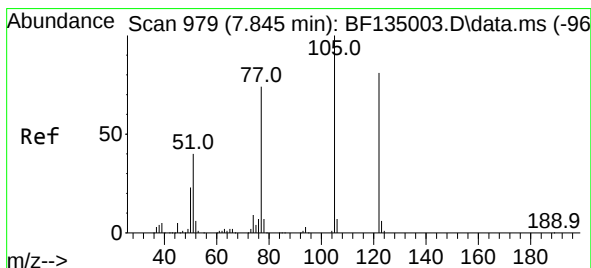
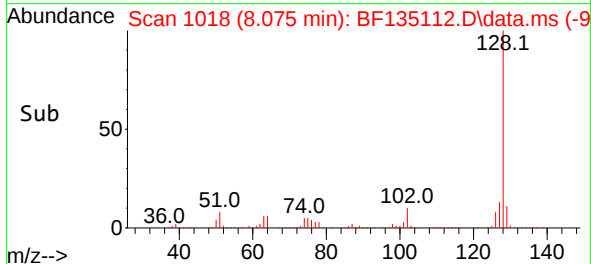
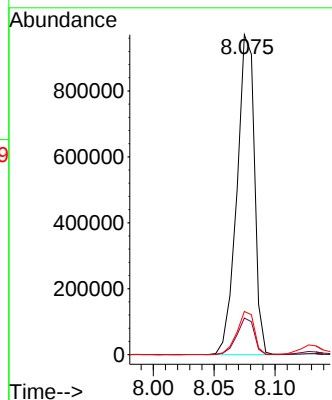
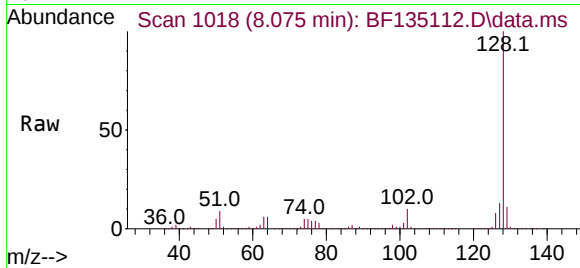




#31
Naphthalene
Concen: 46.647 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

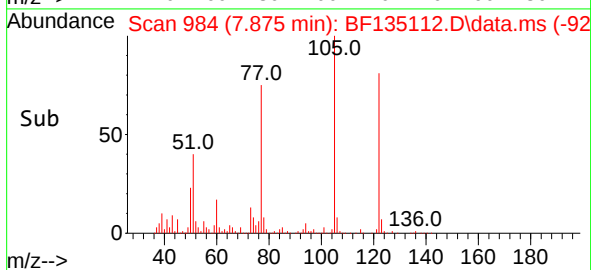
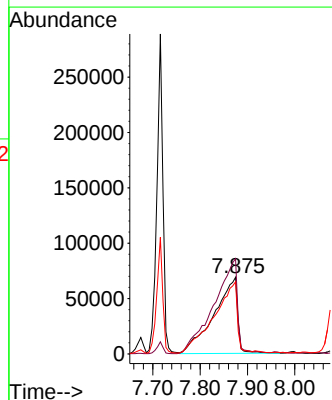
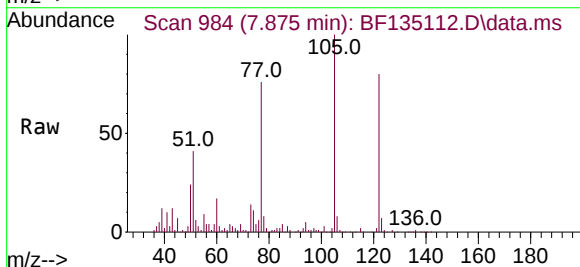
Instrument :
BNA_F
ClientSampleId :
356MS

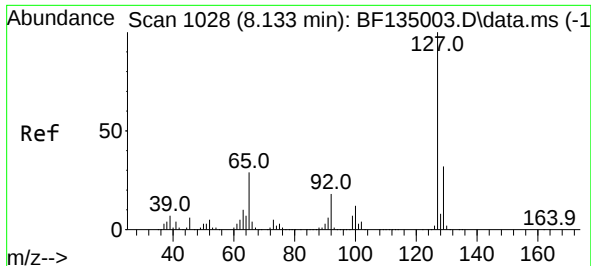
Tgt Ion:128 Resp: 976063
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 47.850 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.029 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:122 Resp: 238122
Ion Ratio Lower Upper
122 100
105 124.3 99.8 139.8
77 94.0 69.5 109.5

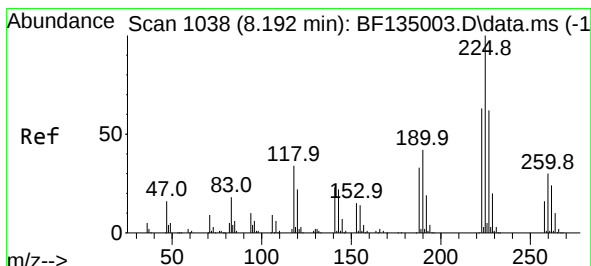
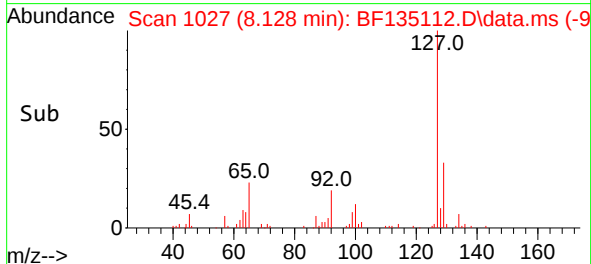
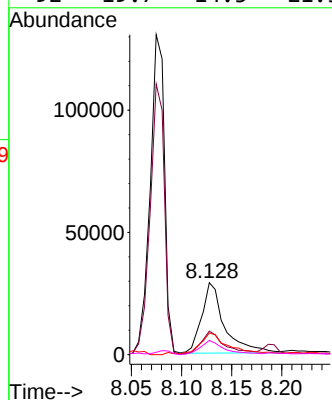
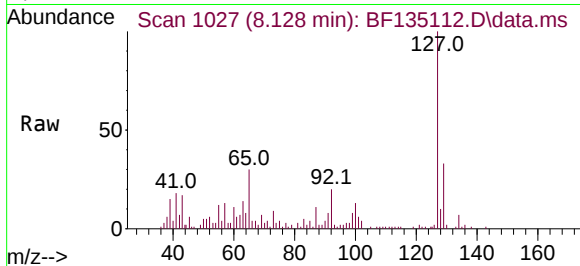




#33
4-Chloroaniline
Concen: 4.986 ng
RT: 8.128 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

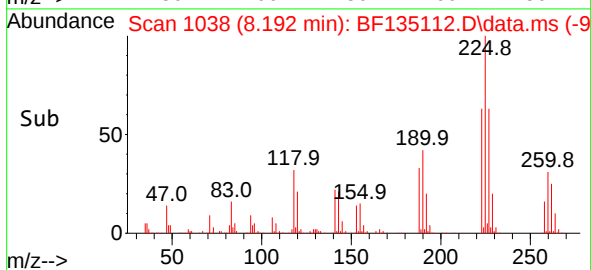
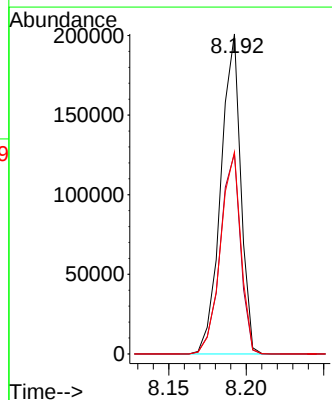
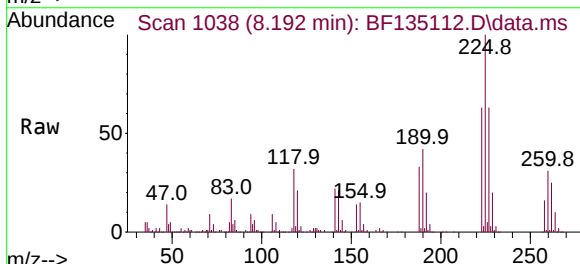
Instrument :
BNA_F
ClientSampleId :
356MS

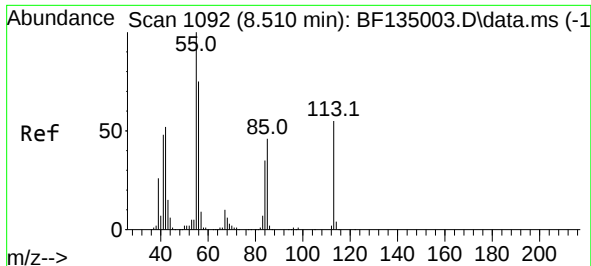
Tgt Ion:127	Resp:	45634
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.6 38.4
65	30.3	23.1 34.7
92	19.7	14.3 21.5



#34
Hexachlorobutadiene
Concen: 49.592 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:225	Resp:	179825
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.7 76.1
227	63.1	49.6 74.4

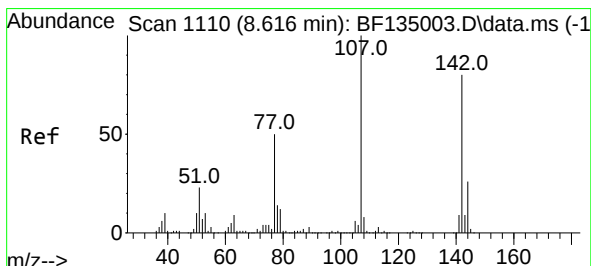
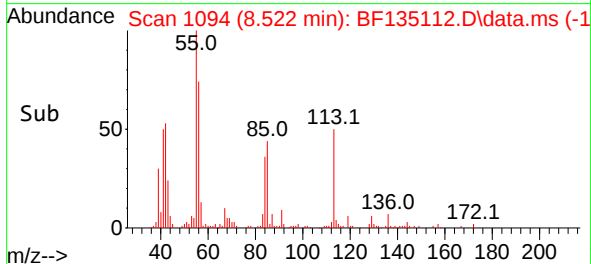
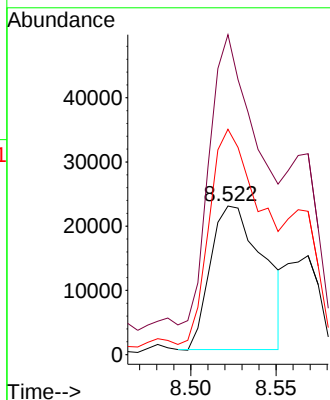
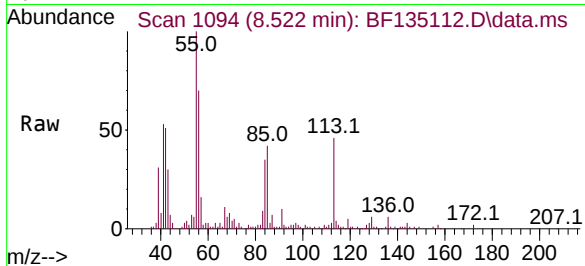




#35
 Caprolactam
 Concen: 25.046 ng
 RT: 8.522 min Scan# 1092
 Delta R.T. 0.012 min
 Lab File: BF135112.D
 Acq: 06 Sep 2023 01:10

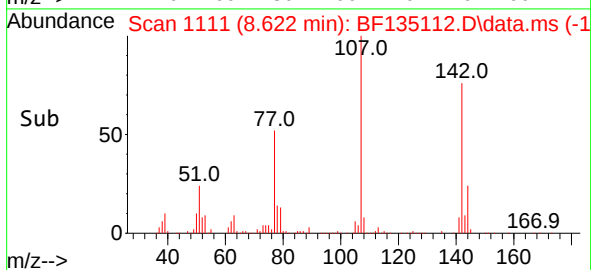
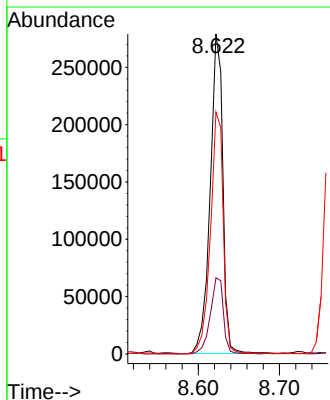
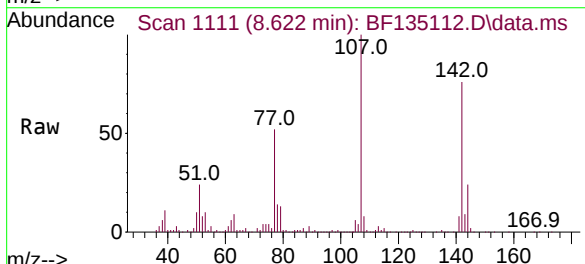
Instrument :
 BNA_F
 ClientSampleId :
 356MS

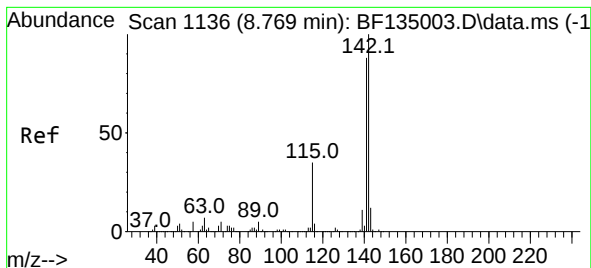
Tgt Ion:113 Resp: 48486
 Ion Ratio Lower Upper
 113 100
 55 215.3 160.6 200.6#
 56 151.6 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.135 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135112.D
 Acq: 06 Sep 2023 01:10

Tgt Ion:107 Resp: 302696
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.6 31.0
 142 75.6 64.4 96.6

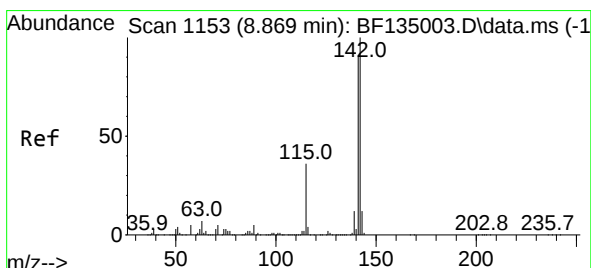
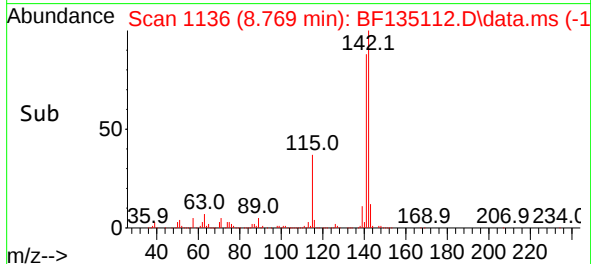
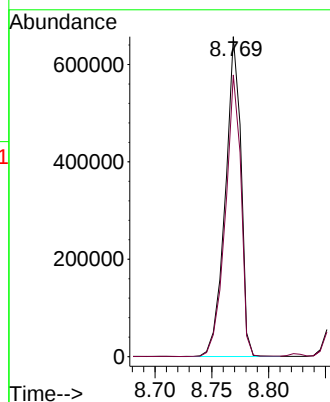
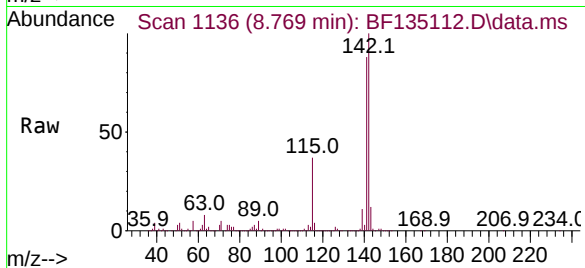




#37
2-Methylnaphthalene
Concen: 44.907 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

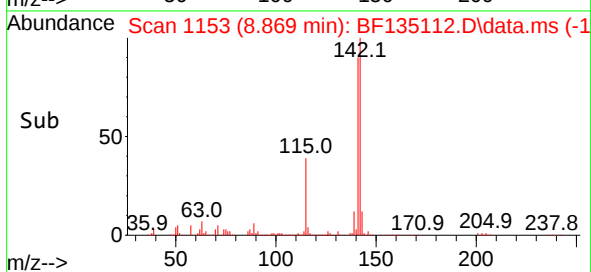
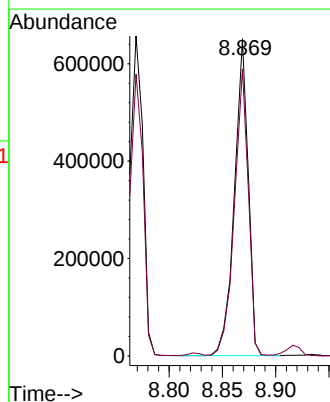
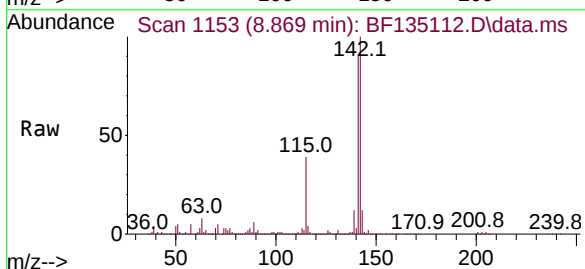
Instrument :
BNA_F
ClientSampleId :
356MS

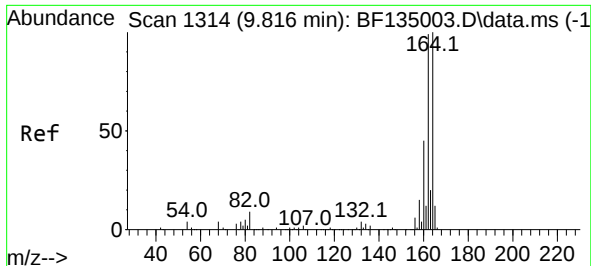
Tgt Ion:142 Resp: 626958
Ion Ratio Lower Upper
142 100
141 88.0 70.7 106.1



#38
1-Methylnaphthalene
Concen: 44.918 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:142 Resp: 586773
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4

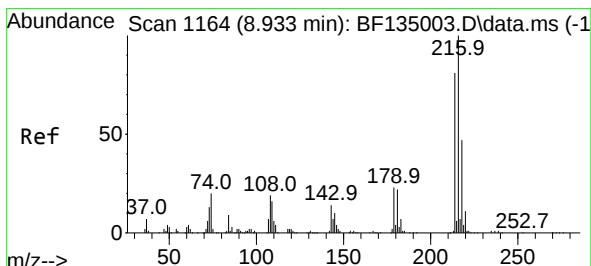
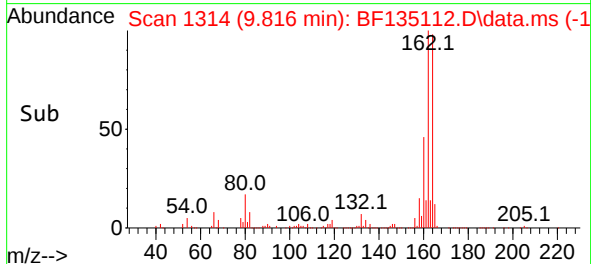
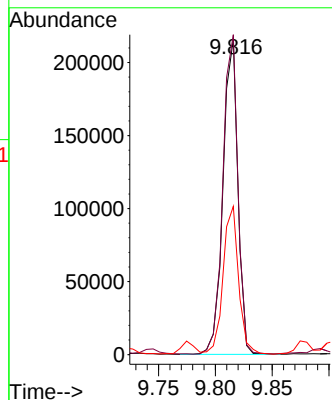
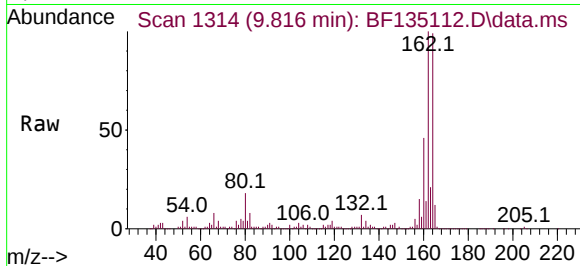




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

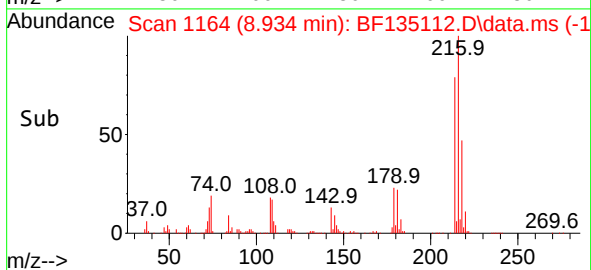
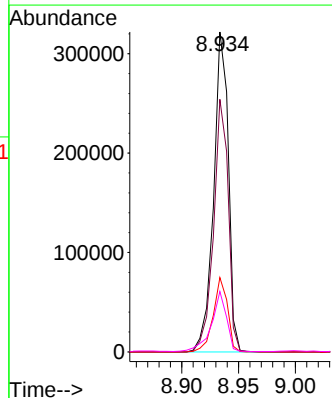
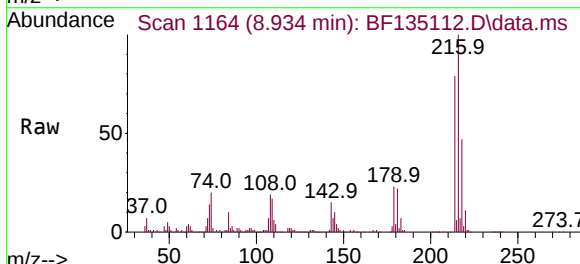
Instrument :
BNA_F
ClientSampleId :
356MS

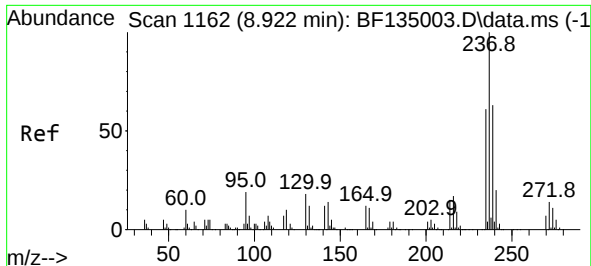
Tgt Ion:164 Resp: 195704
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 47.0 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.025 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:216 Resp: 290496
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.8
179 22.5 17.7 26.5
108 19.1 15.4 23.0

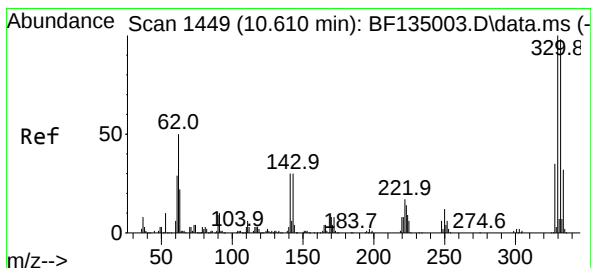
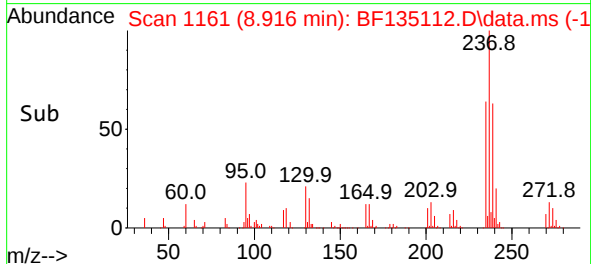
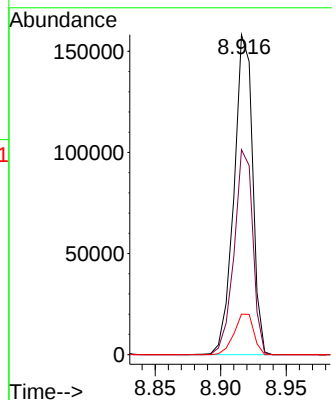
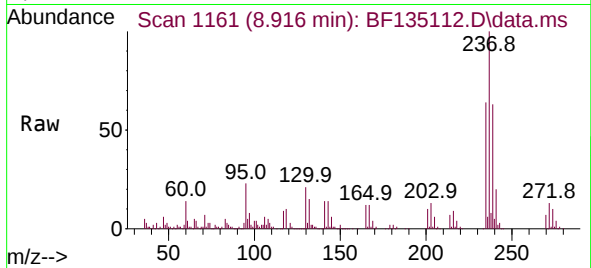




#41
Hexachlorocyclopentadiene
Concen: 67.129 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

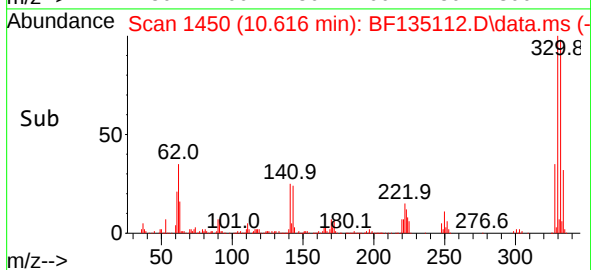
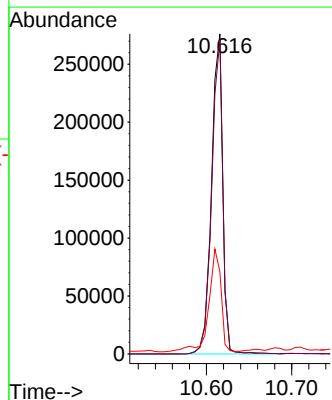
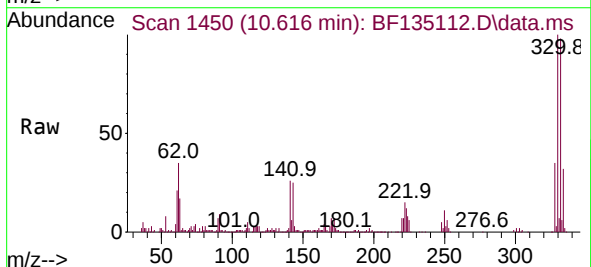
Instrument :
BNA_F
ClientSampleId :
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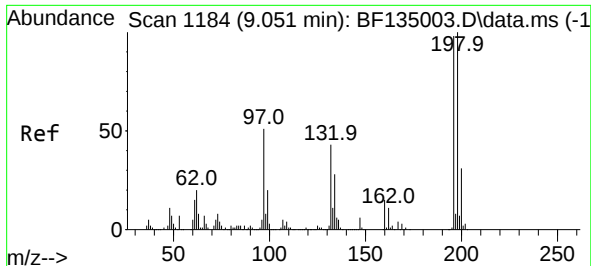
Tgt Ion:237 Resp: 156530
Ion Ratio Lower Upper
237 100
235 64.0 40.9 80.9
272 12.6 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 121.480 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:330 Resp: 252194
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 35.0 26.3 39.5

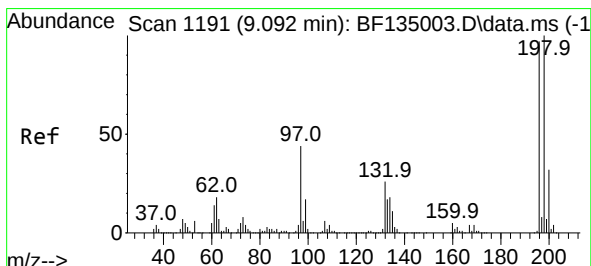
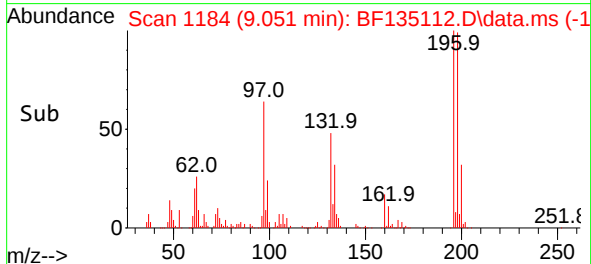
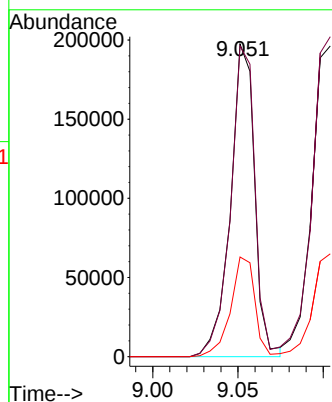
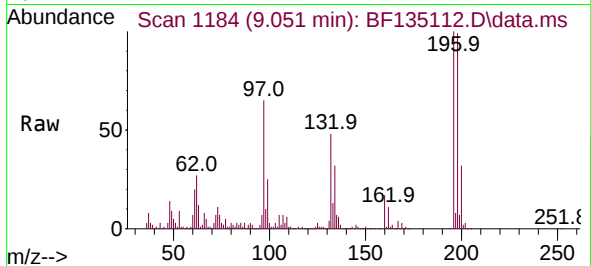




#43
2,4,6-Trichlorophenol
Concen: 52.896 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

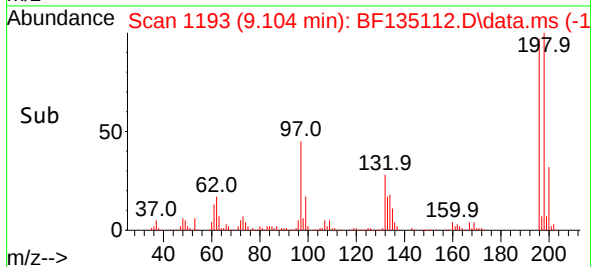
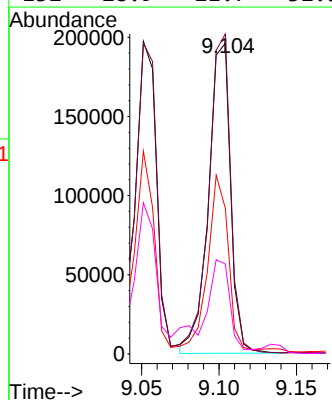
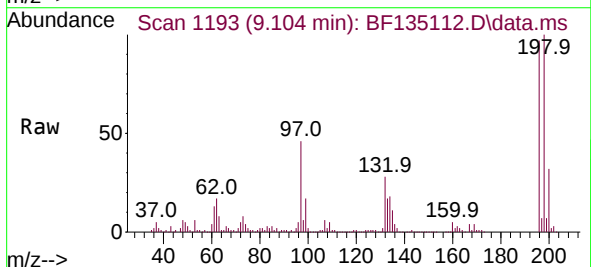
Instrument :
BNA_F
ClientSampleId :
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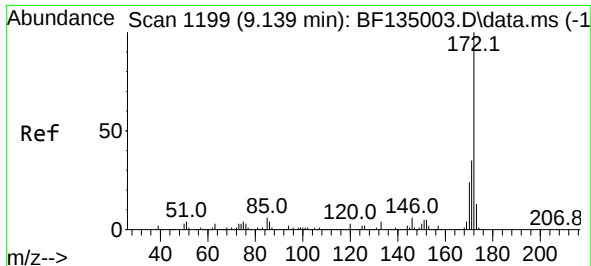
Tgt Ion:196 Resp: 194620
Ion Ratio Lower Upper
196 100
198 99.3 81.8 122.6
200 31.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 45.784 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.012 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:196 Resp: 195022
Ion Ratio Lower Upper
196 100
198 103.0 82.8 124.2
97 46.9 36.5 54.7
132 28.9 21.7 32.5

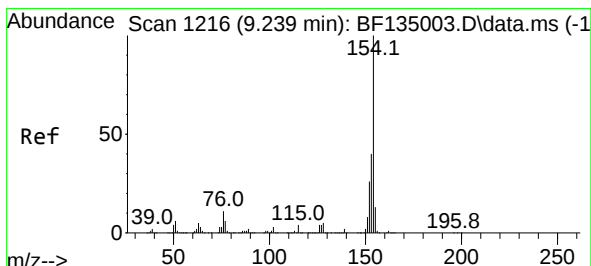
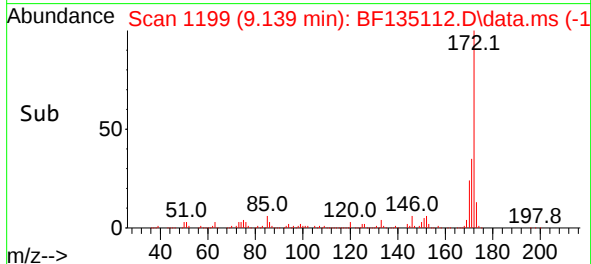
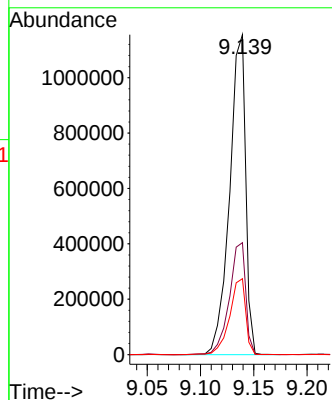
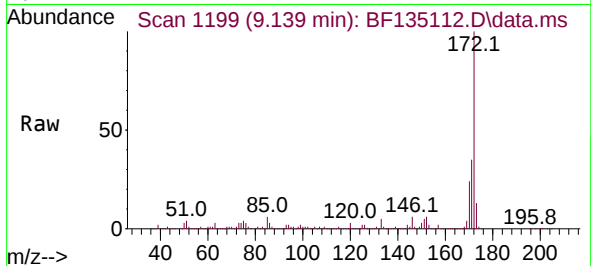




#45
2-Fluorobiphenyl
Concen: 100.482 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

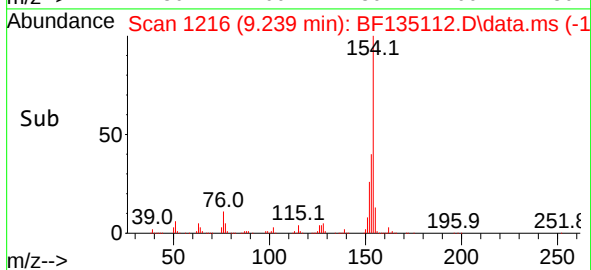
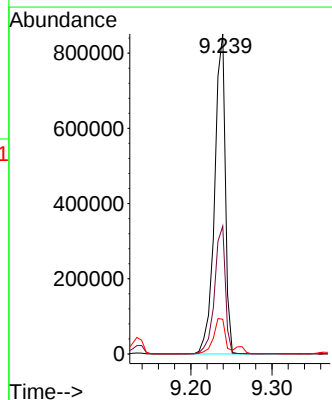
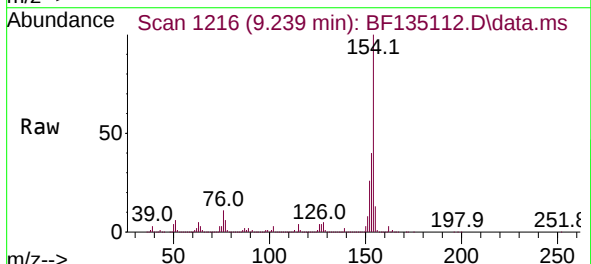
Instrument :
BNA_F
ClientSampleId :
356MS

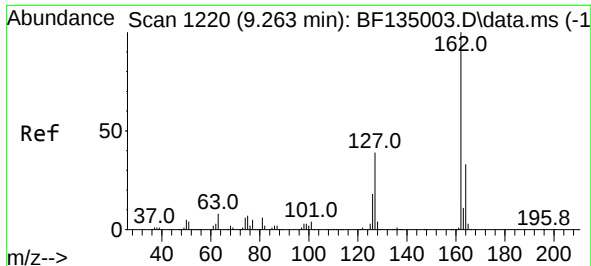
Tgt Ion:172 Resp: 1207825
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.196 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:154 Resp: 780445
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 10.8 0.0 31.2

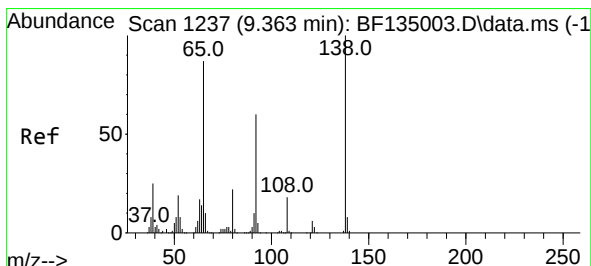
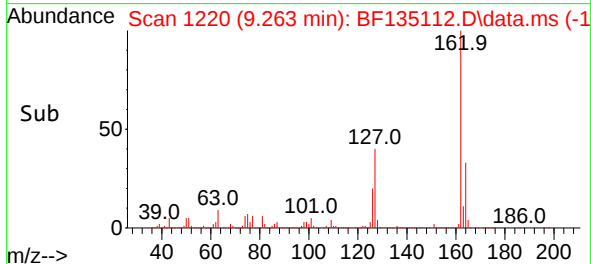
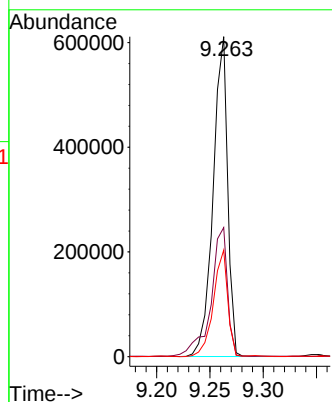
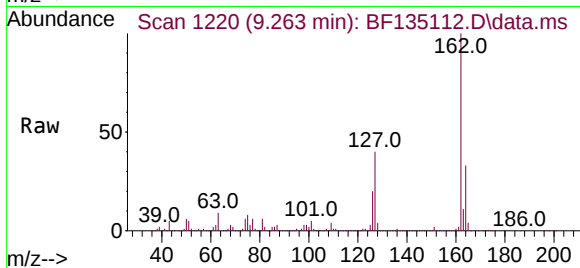




#47
2-Chloronaphthalene
Concen: 51.702 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

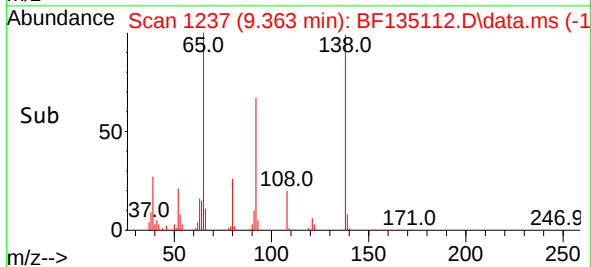
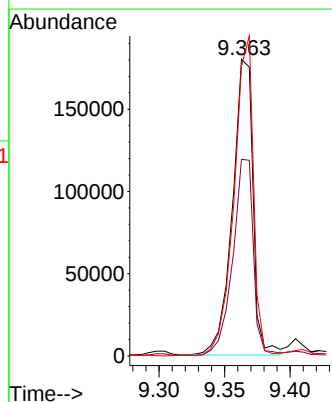
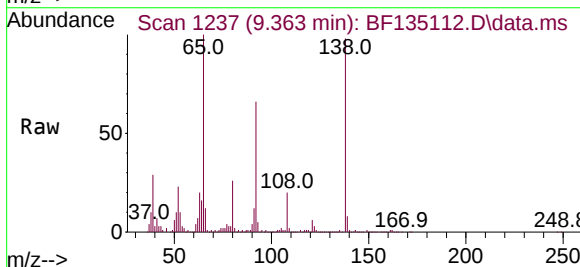
Instrument :
BNA_F
ClientSampleId :
356MS

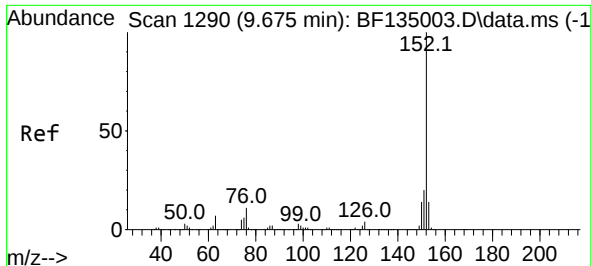
Tgt Ion:162 Resp: 581338
Ion Ratio Lower Upper
162 100
127 40.3 31.8 47.6
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 51.015 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion: 65 Resp: 196357
Ion Ratio Lower Upper
65 100
92 66.3 54.9 82.3
138 97.7 91.6 137.4





#49

Acenaphthylene

Concen: 49.096 ng

RT: 9.681 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

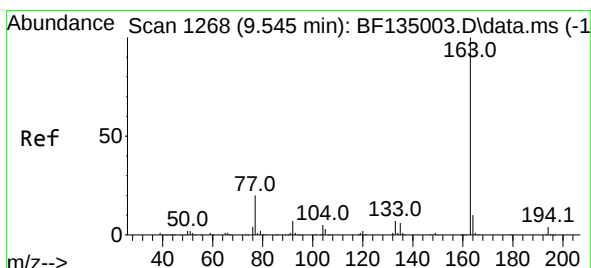
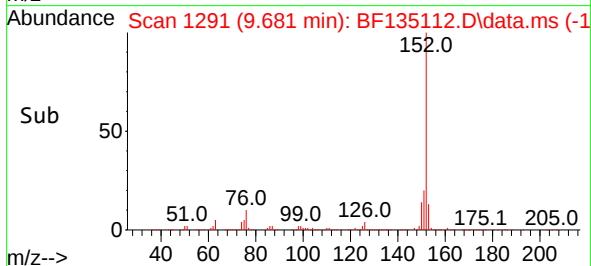
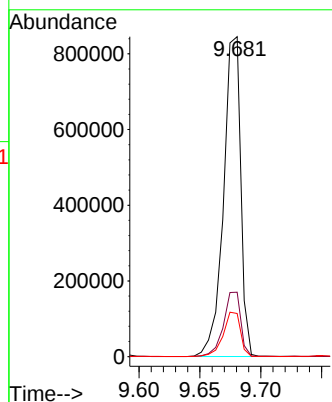
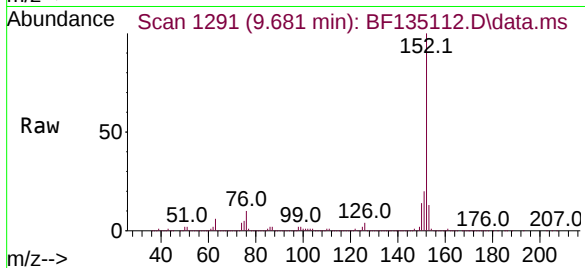
Tgt Ion:152 Resp: 834495

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.5 11.4 17.0



#50

Dimethylphthalate

Concen: 51.764 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

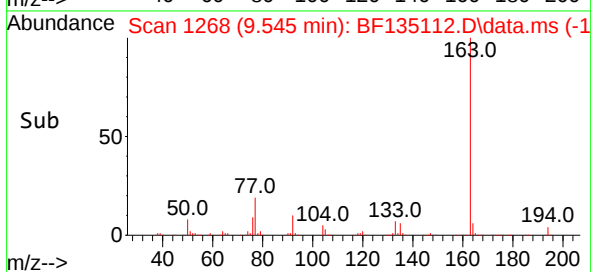
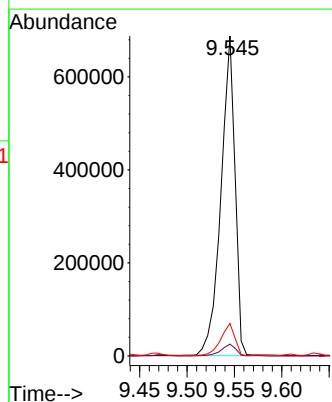
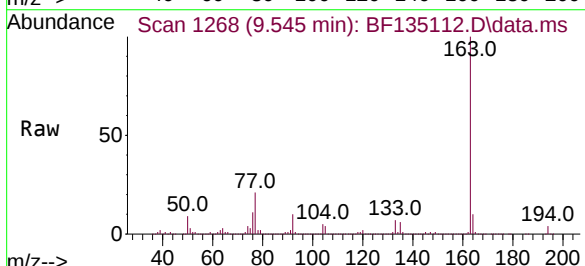
Tgt Ion:163 Resp: 709348

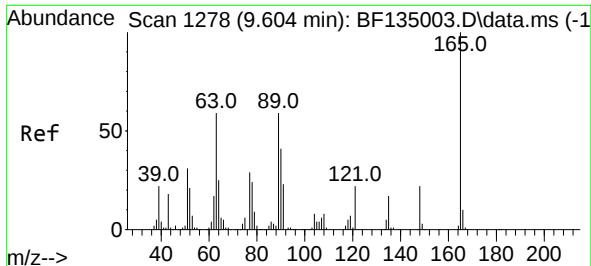
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.1 12.1

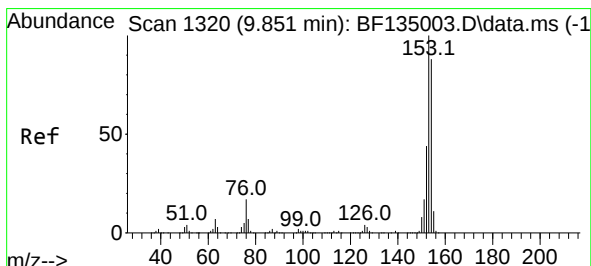
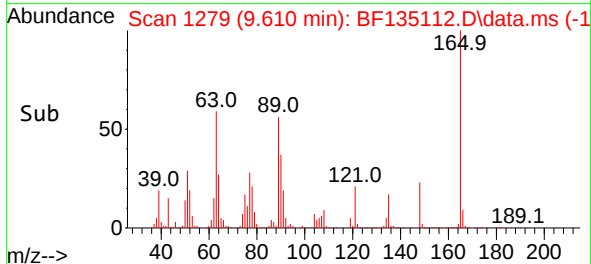
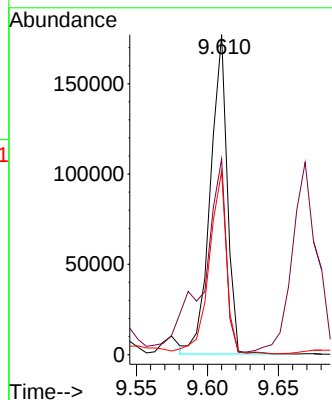
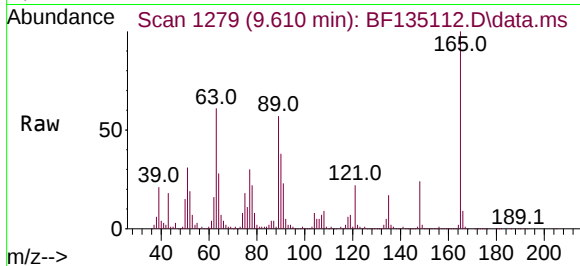




#51
2,6-Dinitrotoluene
Concen: 48.663 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

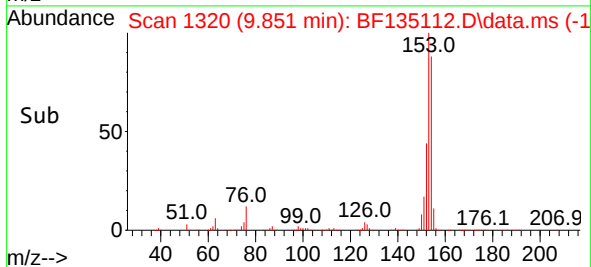
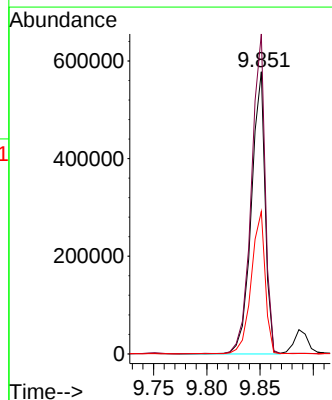
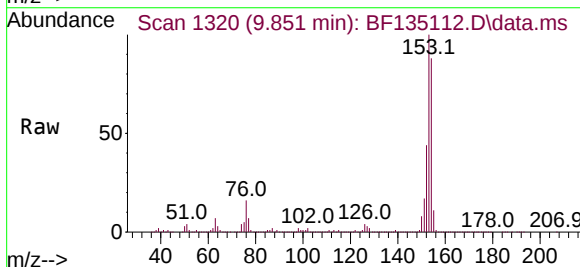
Instrument :
BNA_F
ClientSampleId :
356MS

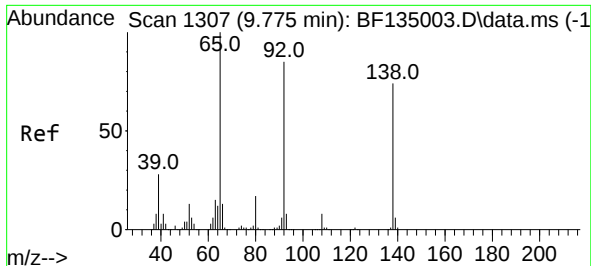
Tgt Ion:165 Resp: 146324
Ion Ratio Lower Upper
165 100
63 61.1 50.4 75.6
89 57.3 47.1 70.7



#52
Acenaphthene
Concen: 47.905 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:154 Resp: 518898
Ion Ratio Lower Upper
154 100
153 113.4 90.8 136.2
152 50.4 40.2 60.4

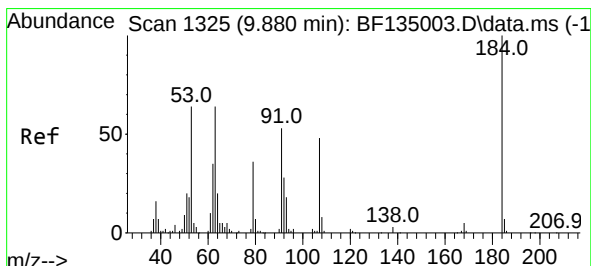
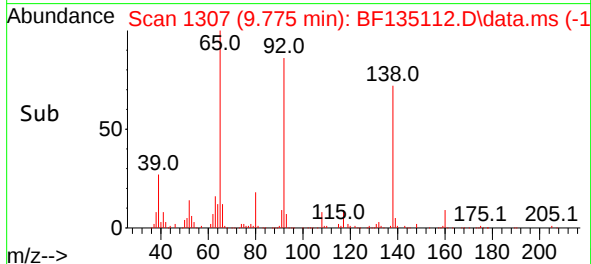
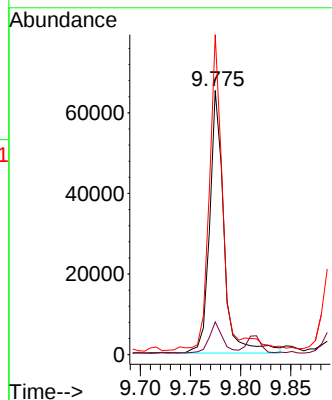
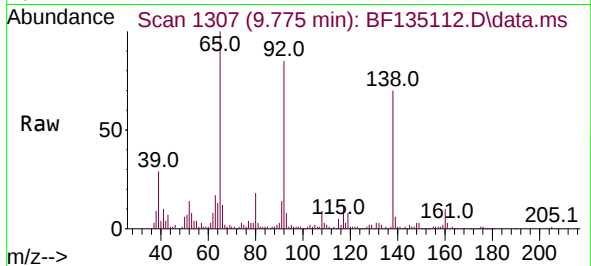




#53
3-Nitroaniline
Concen: 18.452 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

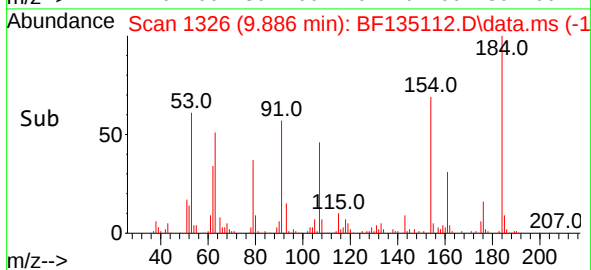
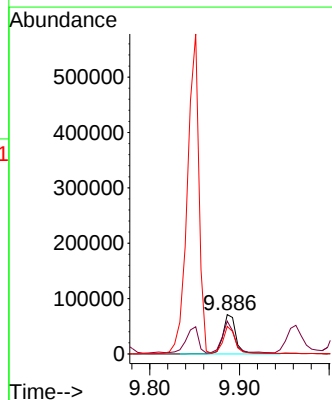
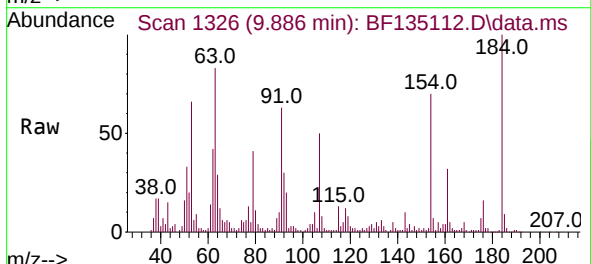
Instrument :
BNA_F
ClientSampleId :
356MS

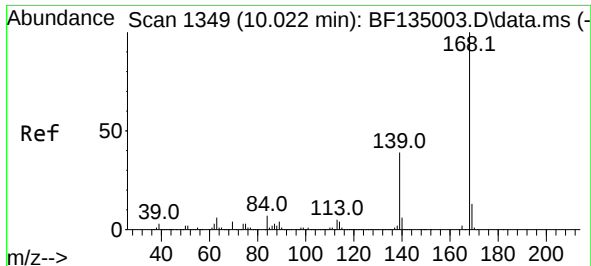
Tgt Ion:138 Resp: 64630
Ion Ratio Lower Upper
138 100
108 12.4 8.6 13.0
92 121.2 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 49.432 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:184 Resp: 71038
Ion Ratio Lower Upper
184 100
63 83.2 62.2 93.2
154 69.9 52.3 78.5

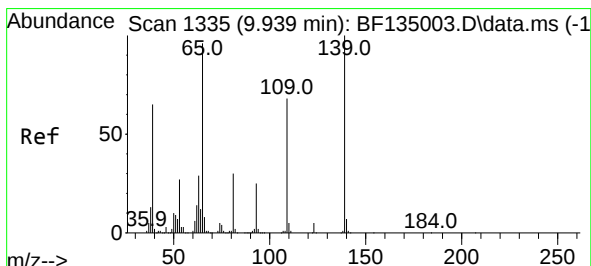
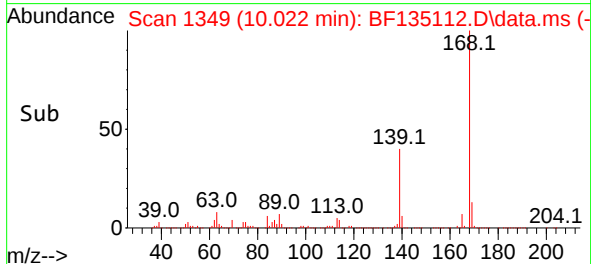
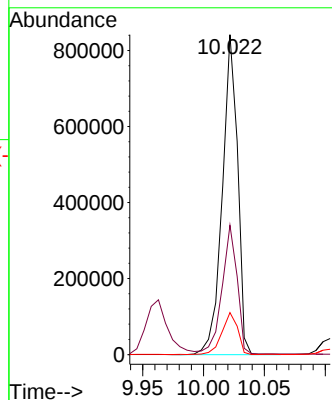
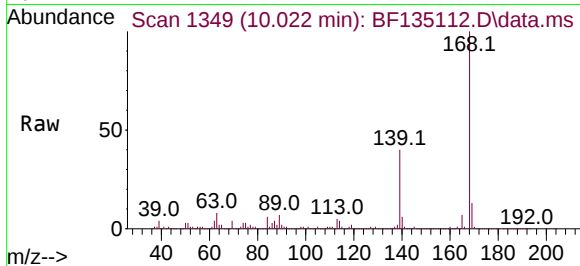




#55
Dibenzenofuran
Concen: 47.123 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

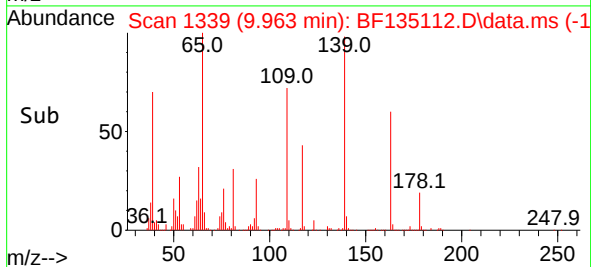
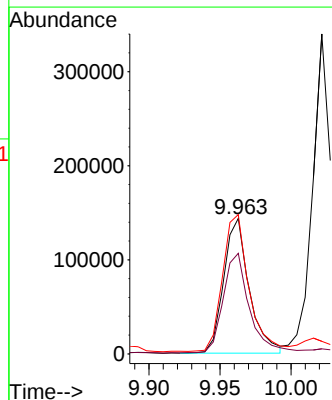
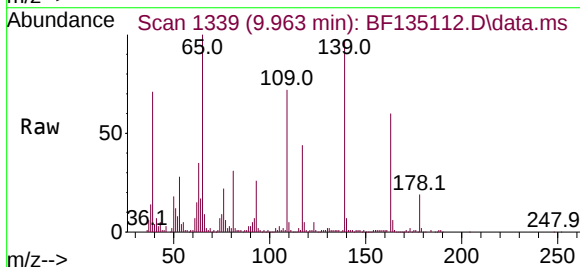
Instrument :
BNA_F
ClientSampleId :
356MS

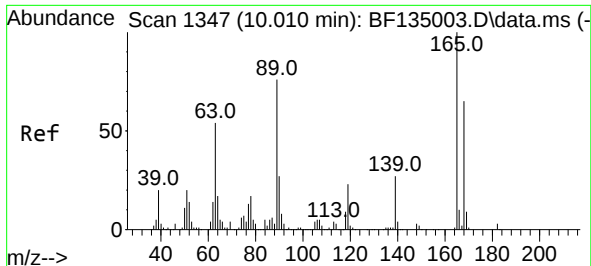
Tgt Ion:168 Resp: 736305
Ion Ratio Lower Upper
168 100
139 40.4 31.5 47.3
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 72.815 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.024 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:139 Resp: 179280
Ion Ratio Lower Upper
139 100
109 74.2 47.7 87.7
65 102.8 75.9 115.9

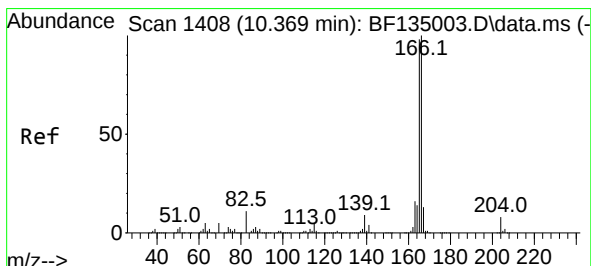
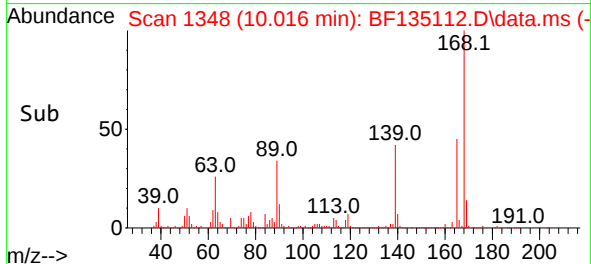
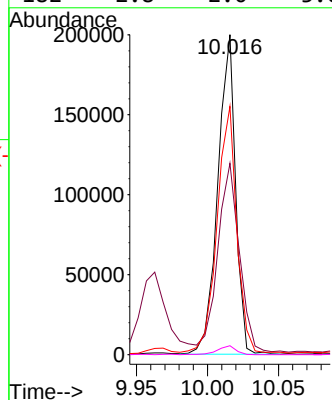
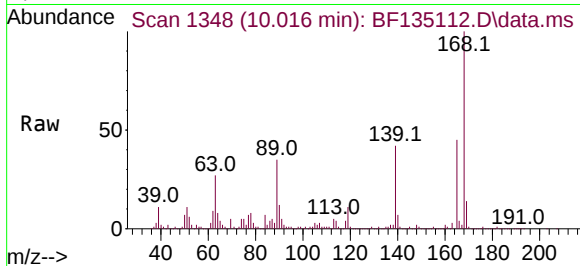




#57
2,4-Dinitrotoluene
Concen: 46.364 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

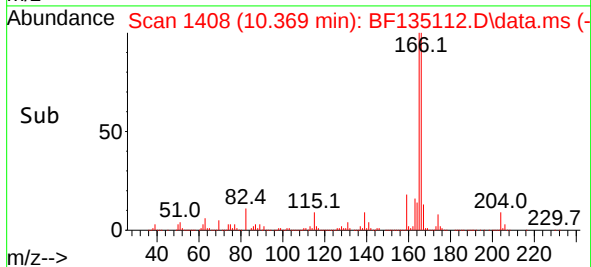
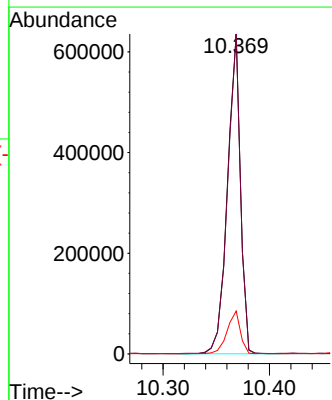
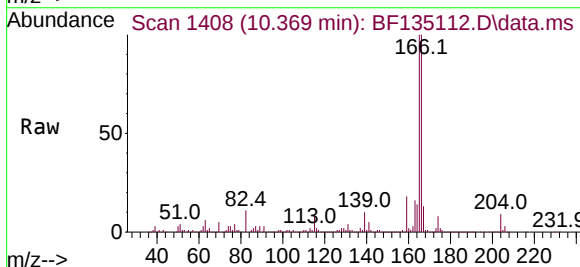
Instrument :
BNA_F
ClientSampleId :
356MS

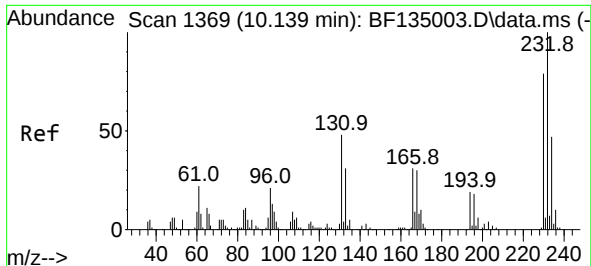
Tgt Ion:165 Resp: 173737
Ion Ratio Lower Upper
165 100
63 59.8 43.2 64.8
89 77.6 60.8 91.2
182 2.8 2.0 3.0



#58
Fluorene
Concen: 45.193 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:166 Resp: 538348
Ion Ratio Lower Upper
166 100
165 99.9 78.0 117.0
167 13.4 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.802 ng

RT: 10.145 min Scan# 1369

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

Tgt Ion:232 Resp: 153512

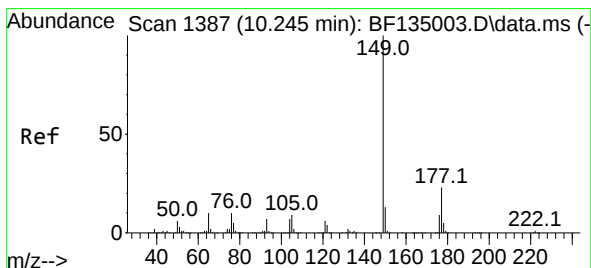
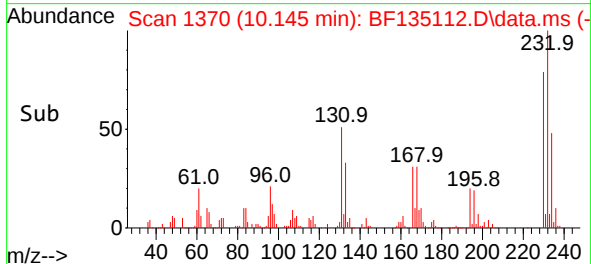
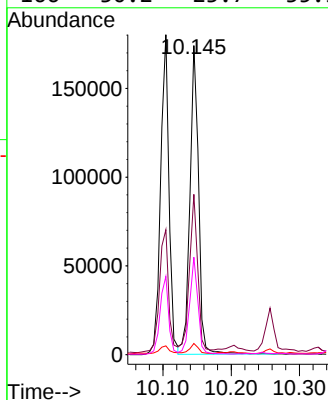
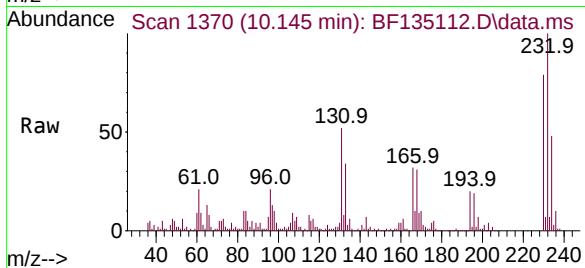
Ion Ratio Lower Upper

232 100

131 49.4 35.3 52.9

130 3.4 1.7 2.5#

166 30.2 23.7 35.5



#60

Diethylphthalate

Concen: 53.374 ng

RT: 10.245 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

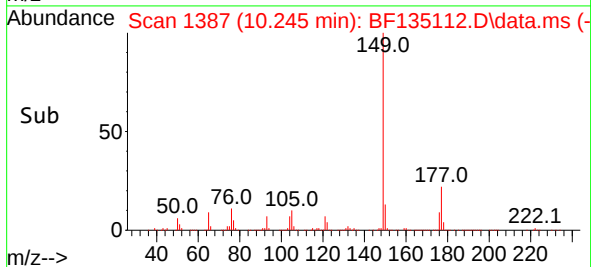
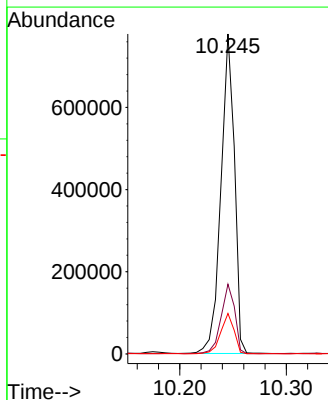
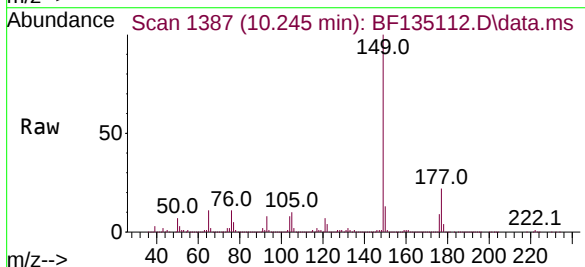
Tgt Ion:149 Resp: 688507

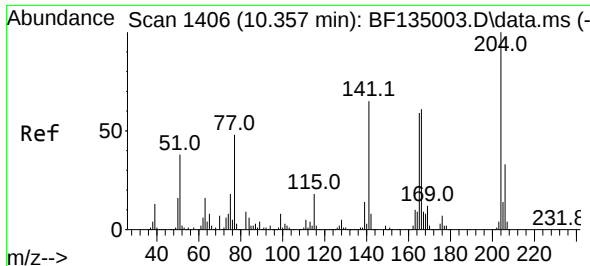
Ion Ratio Lower Upper

149 100

177 21.8 18.5 27.7

150 12.7 10.1 15.1

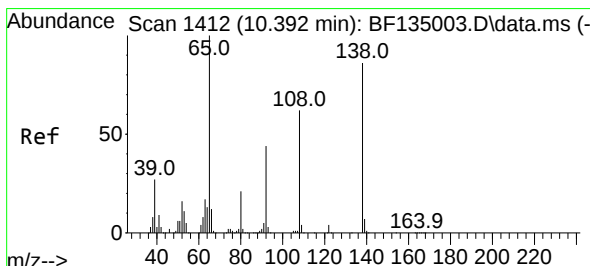
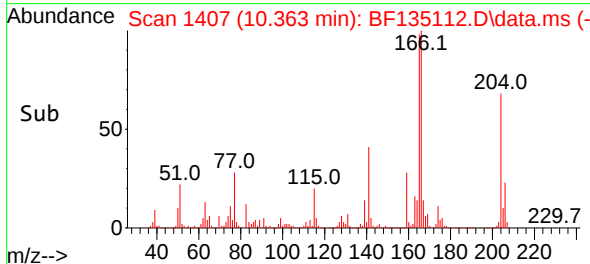
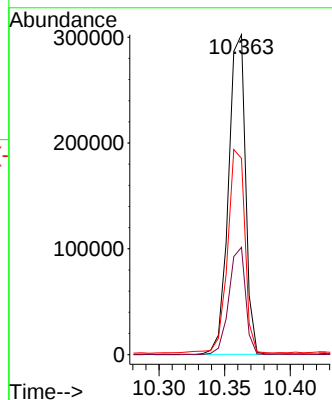
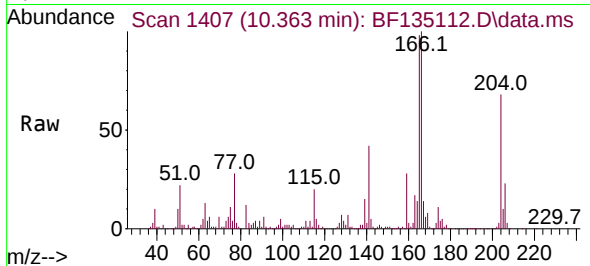




#61
4-Chlorophenyl-phenylether
Concen: 46.504 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

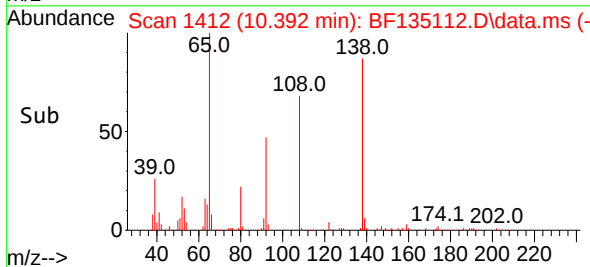
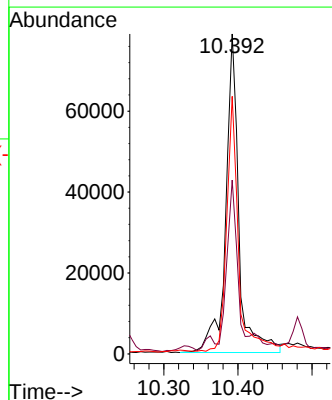
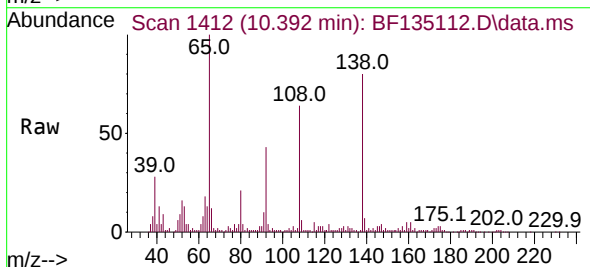
Instrument :
BNA_F
ClientSampleId :
356MS

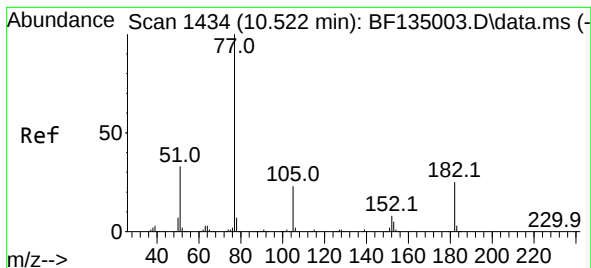
Tgt Ion:204 Resp: 274012
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 61.3 51.8 77.6



#62
4-Nitroaniline
Concen: 28.276 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:138 Resp: 96909
Ion Ratio Lower Upper
138 100
92 54.3 30.7 70.7
108 80.5 51.7 91.7





#63

Azobenzene

Concen: 44.605 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

Tgt Ion: 77 Resp: 579353

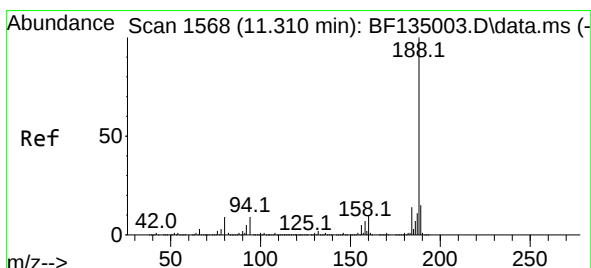
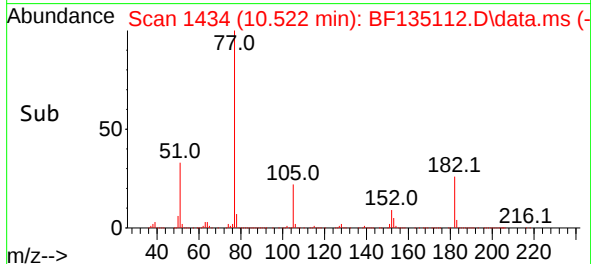
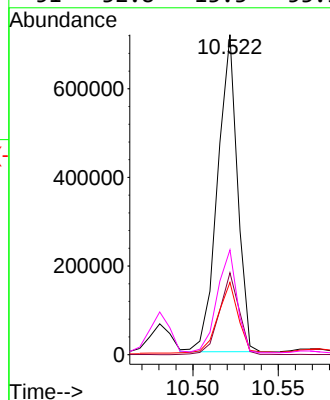
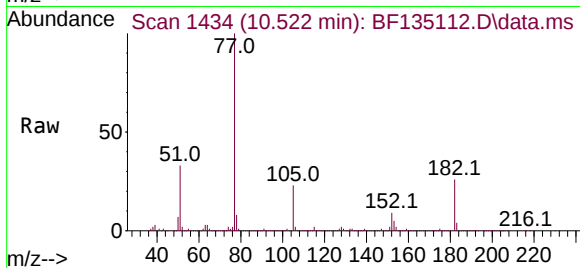
Ion Ratio Lower Upper

77 100

182 25.6 4.9 44.9

105 22.6 2.7 42.7

51 32.8 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

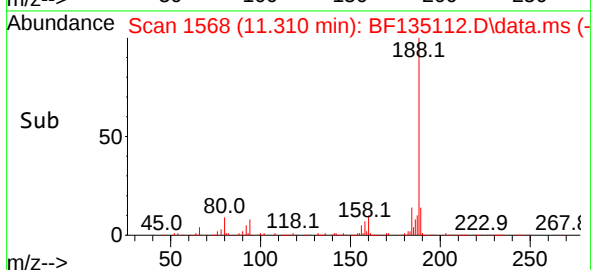
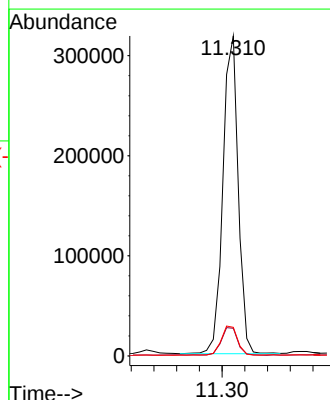
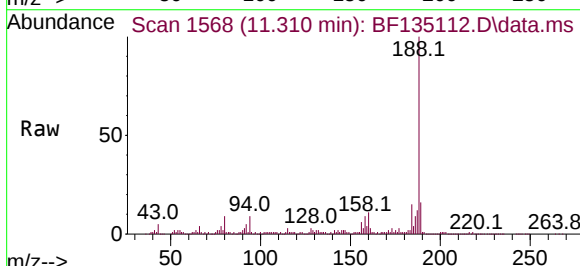
Tgt Ion:188 Resp: 295669

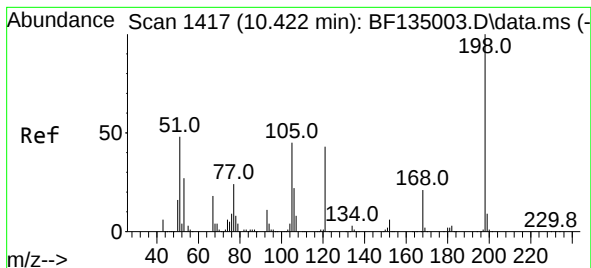
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 8.9 7.4 11.2

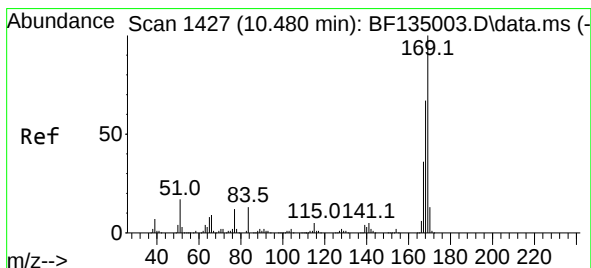
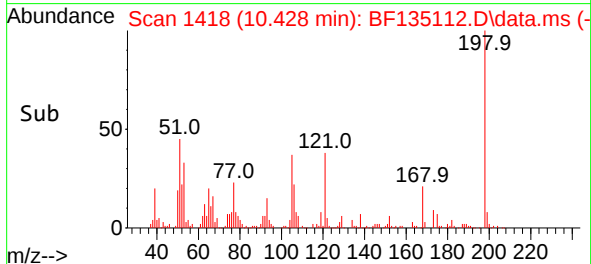
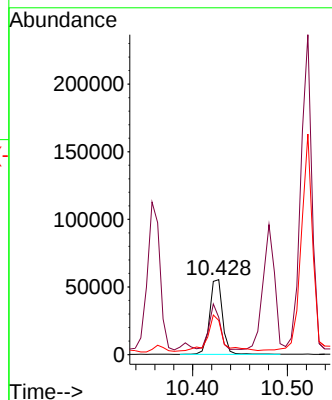
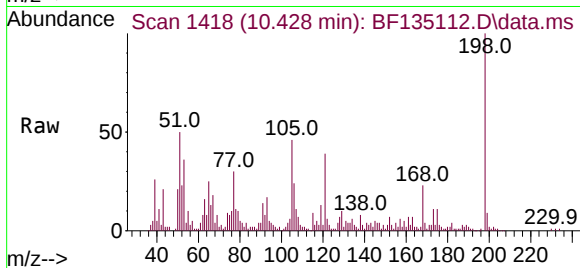




#65
4,6-Dinitro-2-methylphenol
Concen: 29.398 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

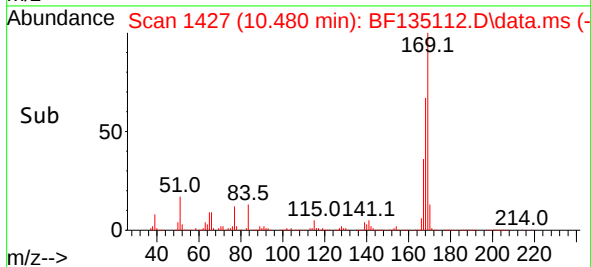
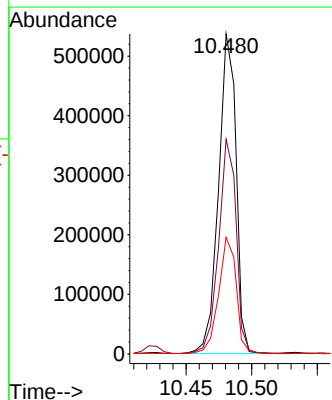
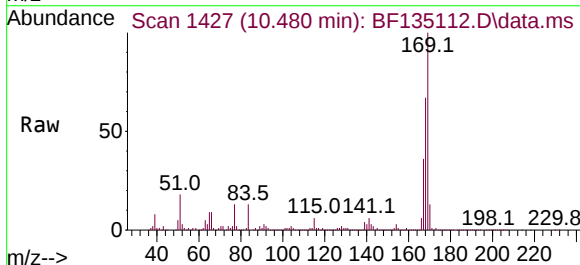
Instrument :
BNA_F
ClientSampleId :
356MS

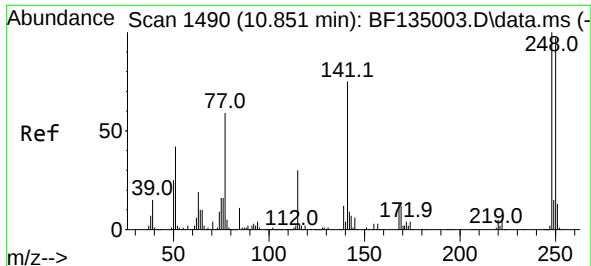
Tgt Ion:198 Resp: 52606
Ion Ratio Lower Upper
198 100
51 49.6 35.7 75.7
105 45.6 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 54.459 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:169 Resp: 500663
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.5 29.0 43.4

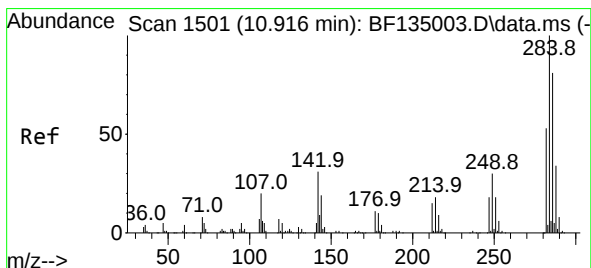
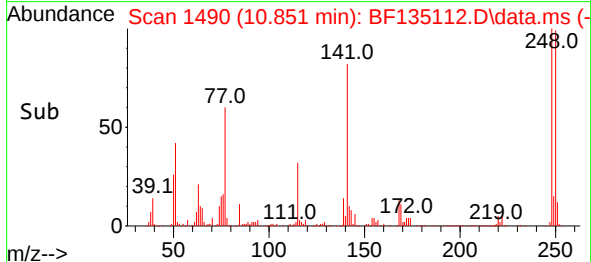
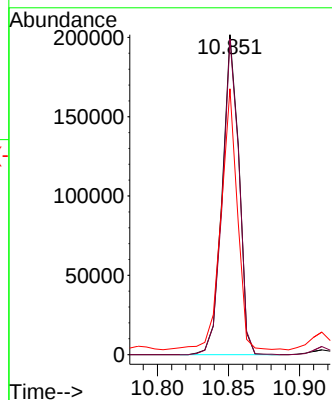
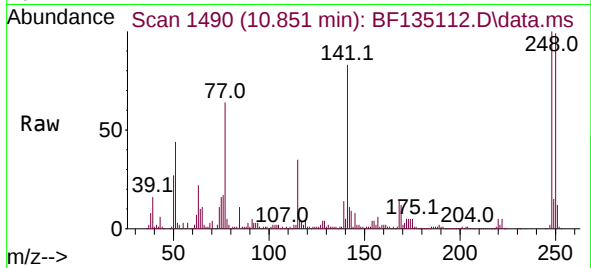




#67
4-Bromophenyl-phenylether
Concen: 52.514 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

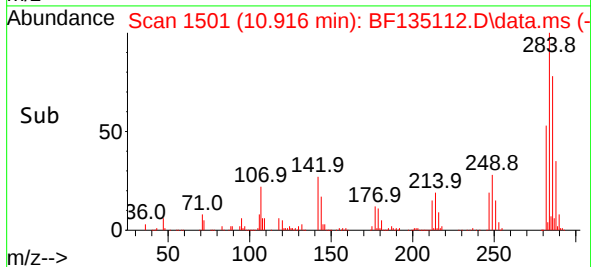
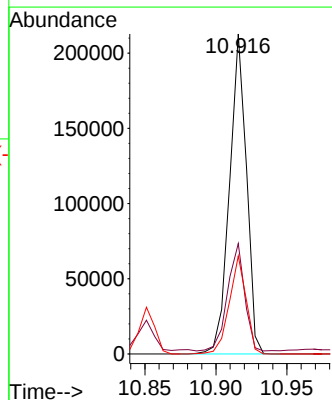
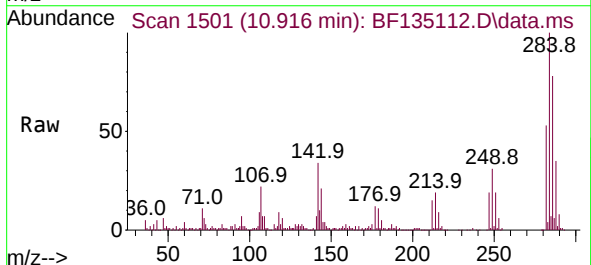
Instrument :
BNA_F
ClientSampleId :
356MS

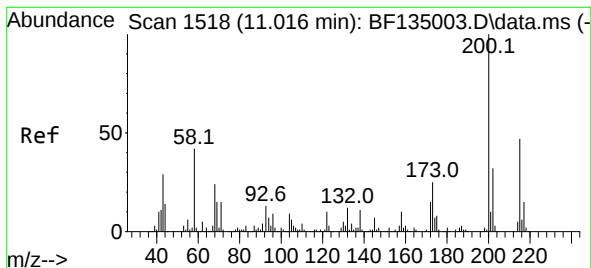
Tgt Ion:248 Resp: 164686
Ion Ratio Lower Upper
248 100
250 98.6 77.9 116.9
141 83.1 59.8 89.8



#68
Hexachlorobenzene
Concen: 54.502 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:284 Resp: 176734
Ion Ratio Lower Upper
284 100
142 34.5 25.1 37.7
249 30.6 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.028 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

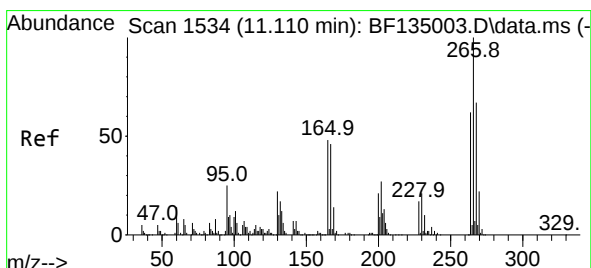
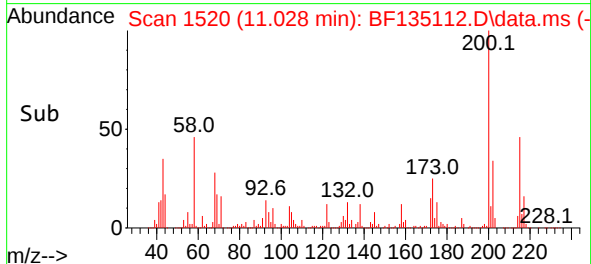
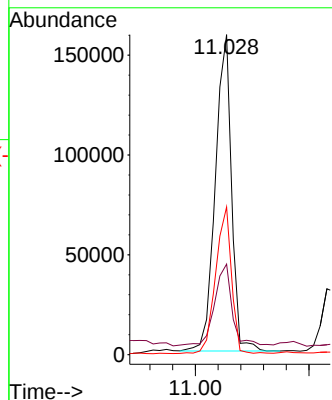
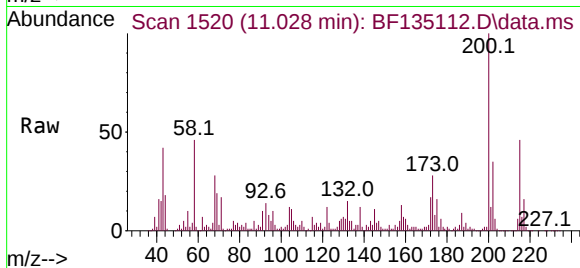
Tgt Ion:200 Resp: 157063

Ion Ratio Lower Upper

200 100

173 28.3 5.0 45.0

215 46.1 26.9 66.9



#70

Pentachlorophenol

Concen: 83.370 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.012 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

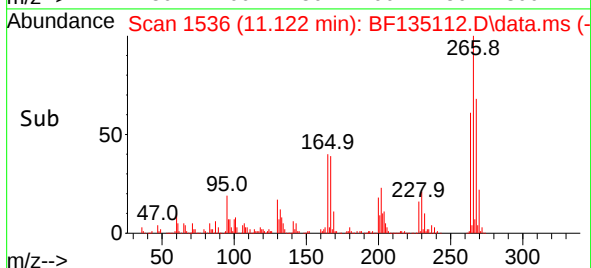
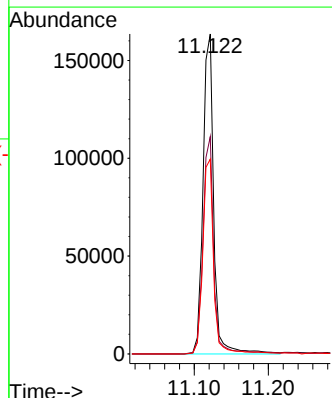
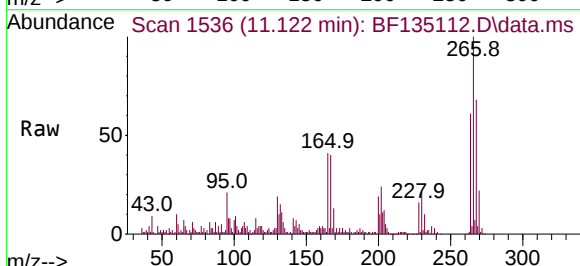
Tgt Ion:266 Resp: 163555

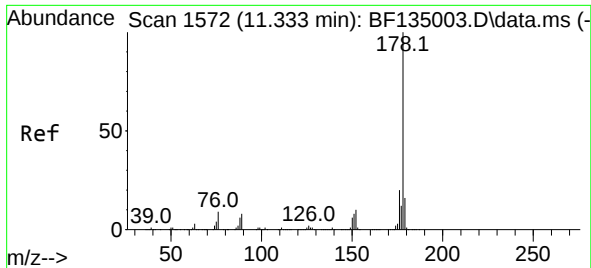
Ion Ratio Lower Upper

266 100

268 67.9 53.3 79.9

264 60.9 49.3 73.9

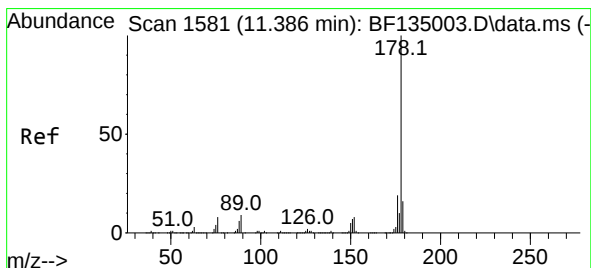
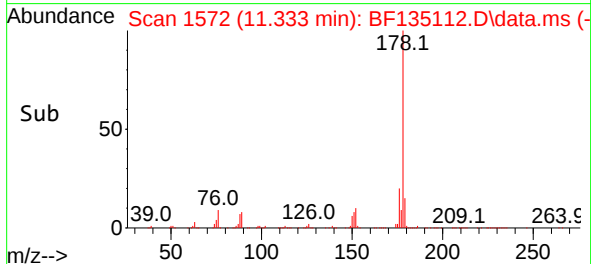
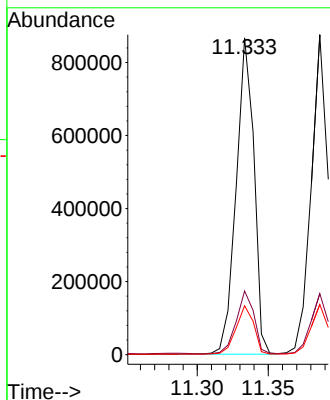
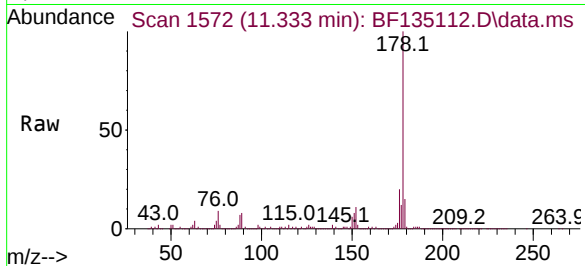




#71
Phenanthrene
Concen: 49.453 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

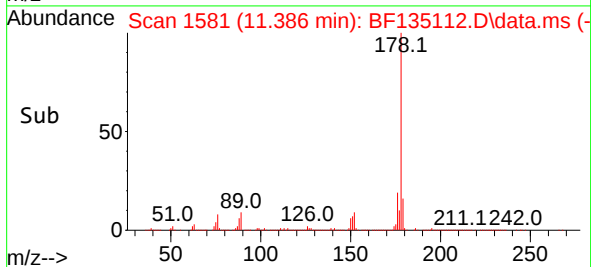
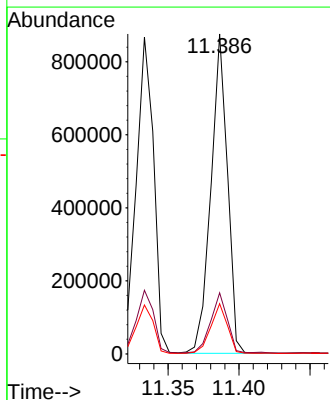
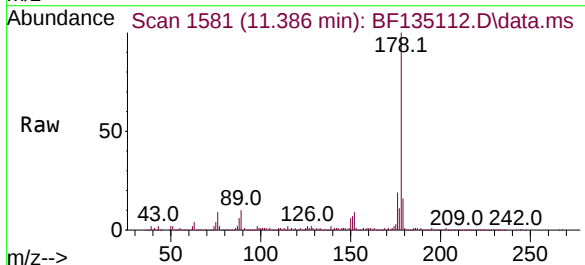
Instrument :
BNA_F
ClientSampleId :
356MS

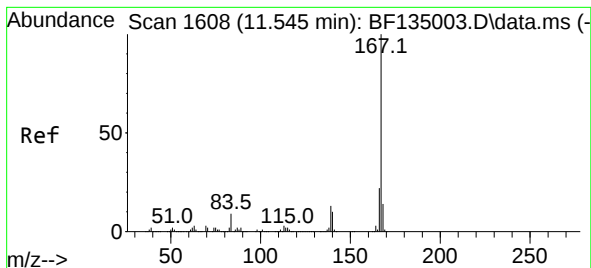
Tgt Ion:178 Resp: 754343
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 45.547 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:178 Resp: 709850
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.8 19.2





#73

Carbazole

Concen: 47.912 ng

RT: 11.551 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

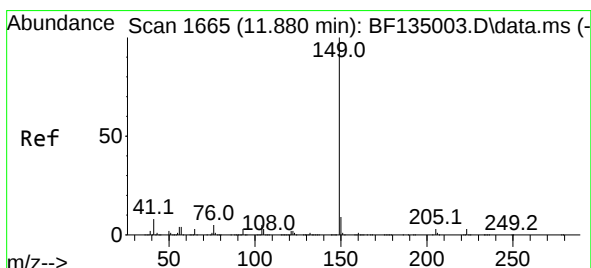
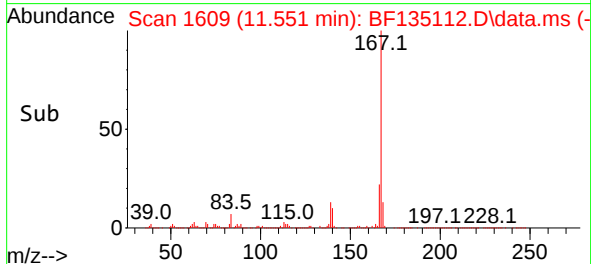
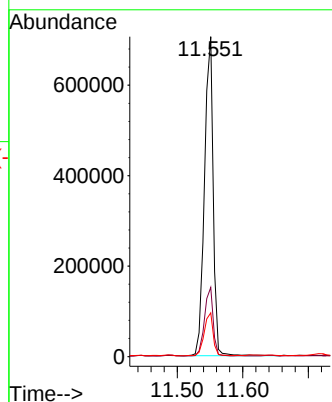
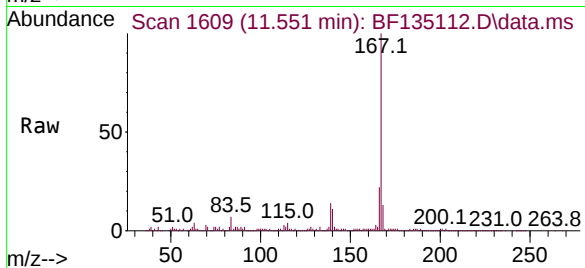
Tgt Ion:167 Resp: 644037

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.370 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

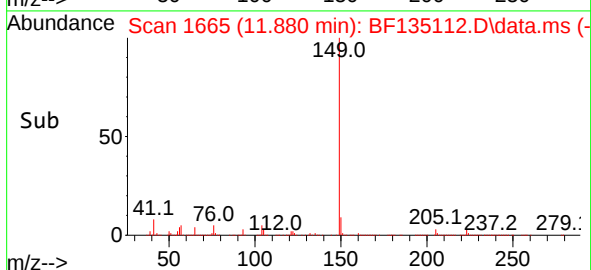
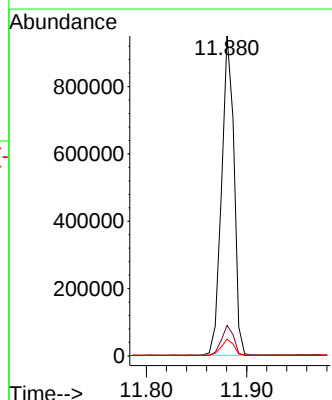
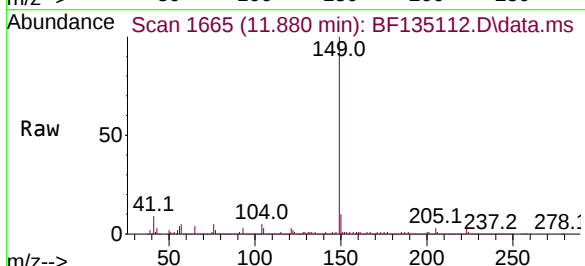
Tgt Ion:149 Resp: 816195

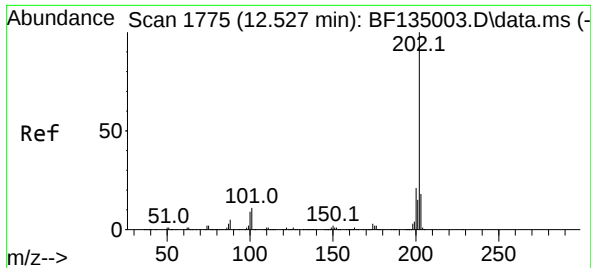
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.2 4.0 6.0

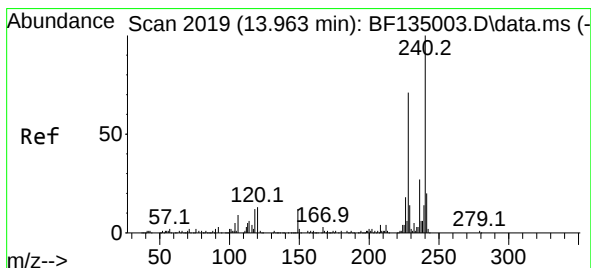
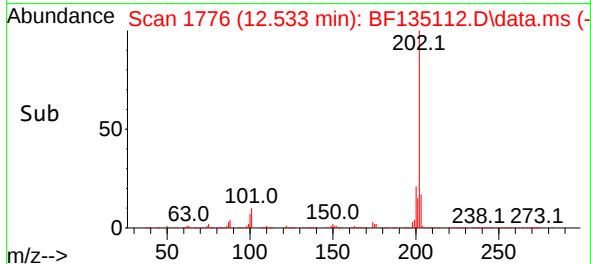
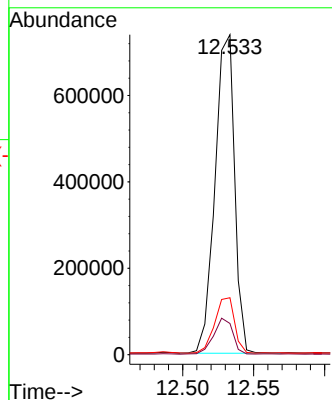
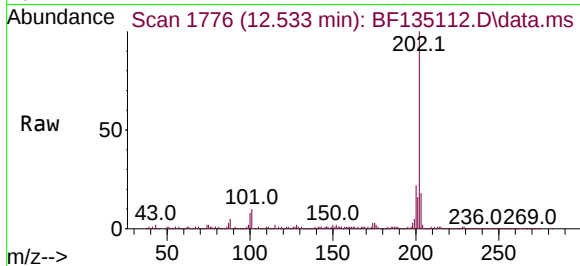




#75
Fluoranthene
Concen: 46.014 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

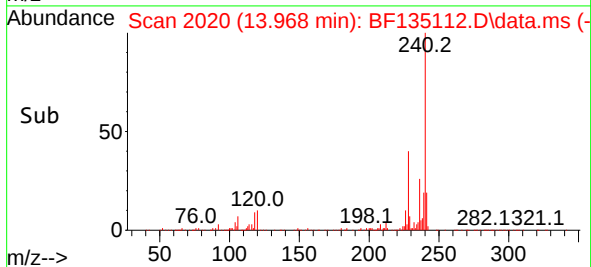
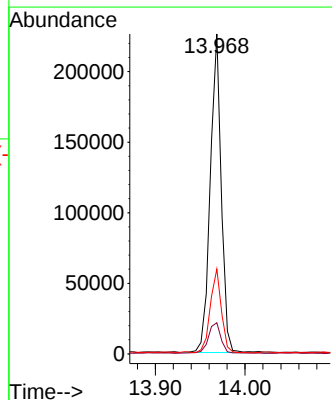
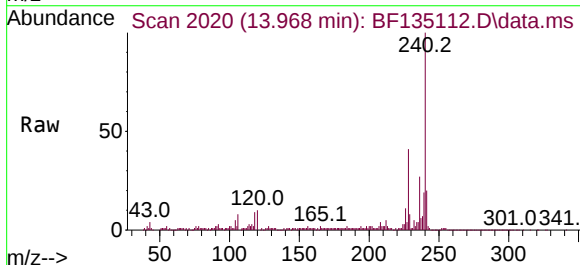
Instrument :
BNA_F
ClientSampleId :
356MS

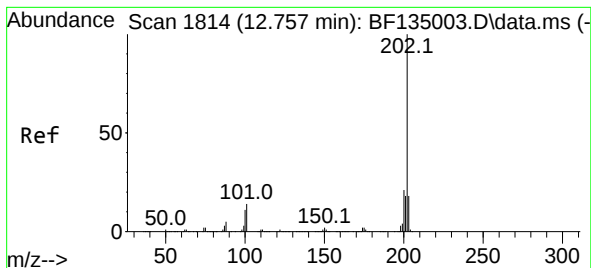
Tgt Ion:202 Resp: 709644
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.5
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:240 Resp: 191943
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.2#
236 26.5 21.3 31.9





#78

Pyrene

Concen: 39.677 ng

RT: 12.763 min Scan# 1814

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

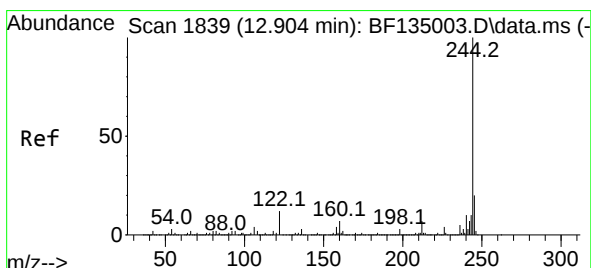
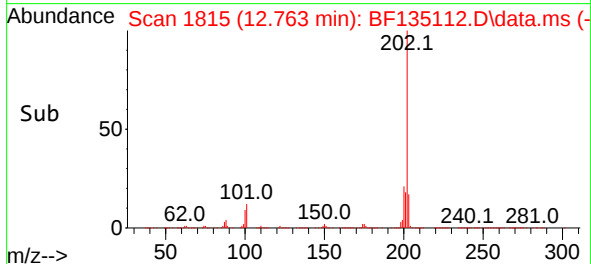
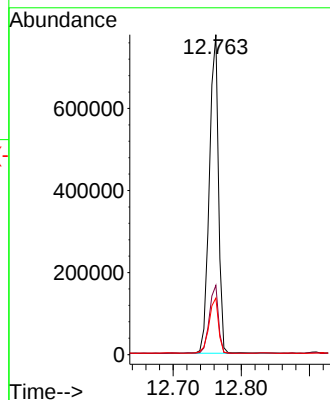
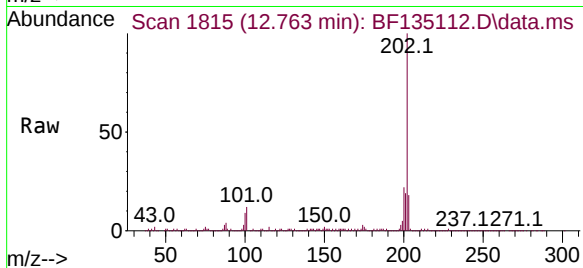
Tgt Ion:202 Resp: 723084

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 17.7 14.2 21.2



#79

Terphenyl-d14

Concen: 86.047 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

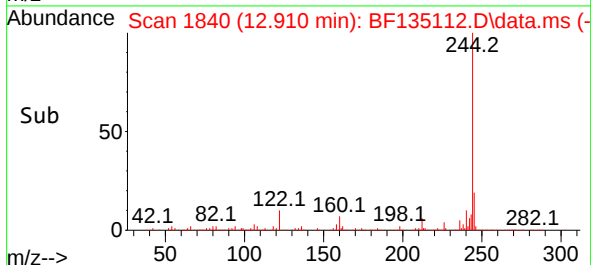
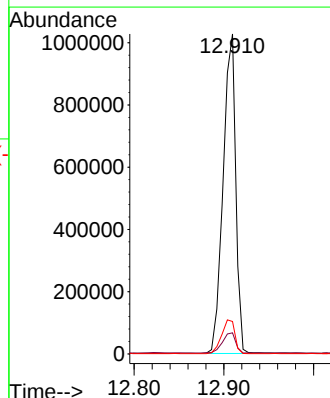
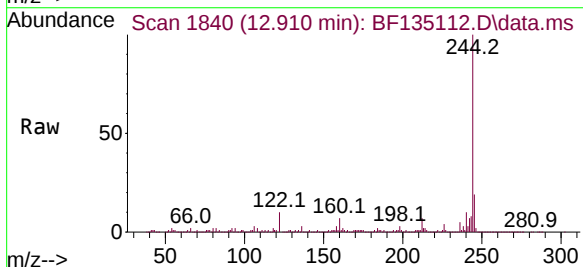
Tgt Ion:244 Resp: 1012081

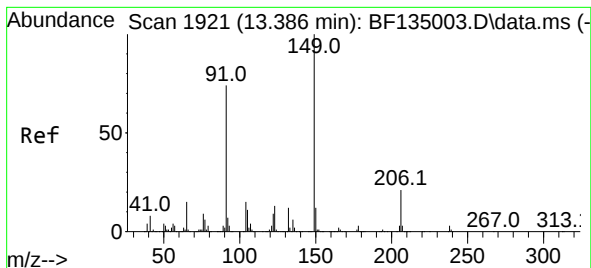
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.1 9.8 14.6





#80

Butylbenzylphthalate

Concen: 47.382 ng

RT: 13.386 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

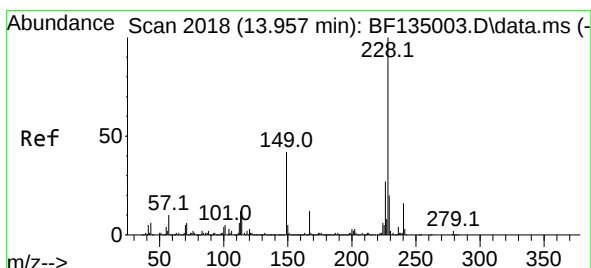
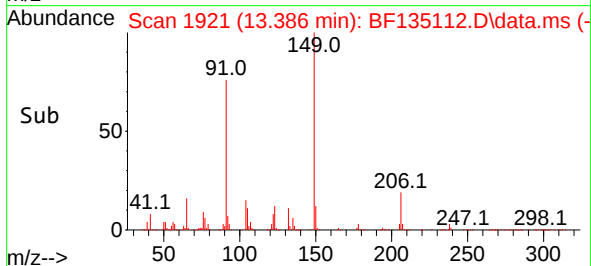
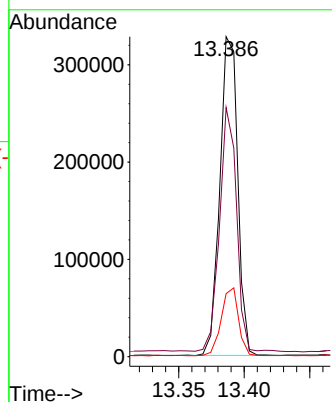
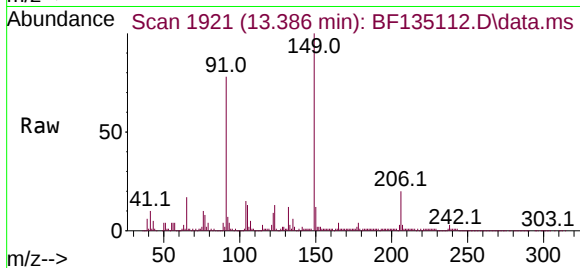
Tgt Ion:149 Resp: 311946

Ion Ratio Lower Upper

149 100

91 77.8 59.0 88.6

206 19.7 16.7 25.1



#81

Benzo(a)anthracene

Concen: 46.980 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

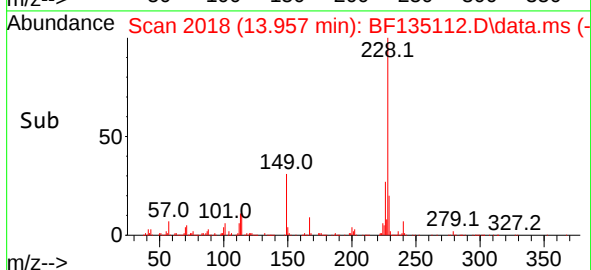
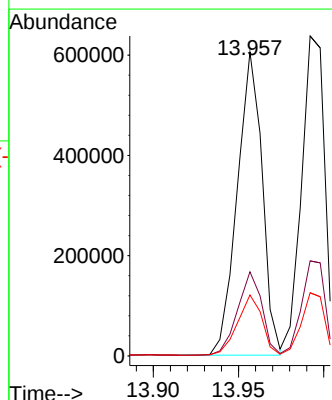
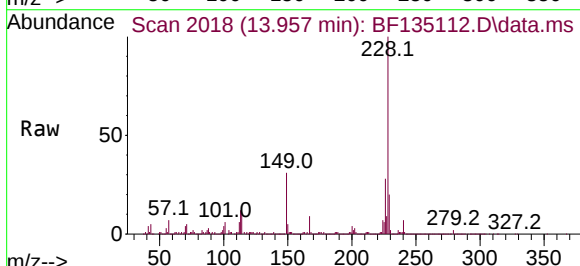
Tgt Ion:228 Resp: 615115

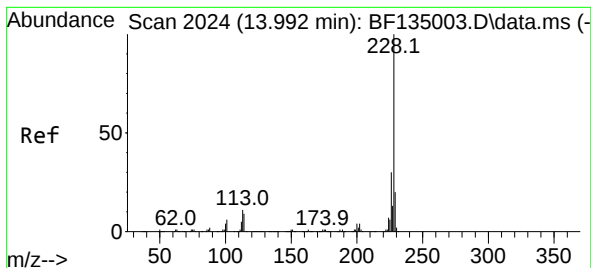
Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 20.0 15.6 23.4





#83

Chrysene

Concen: 47.210 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

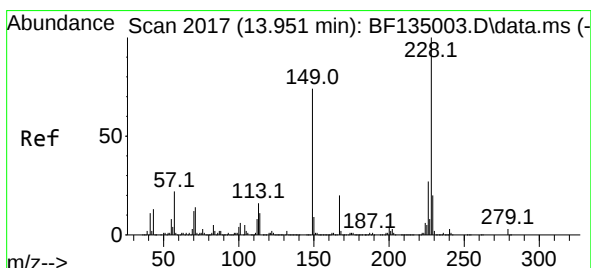
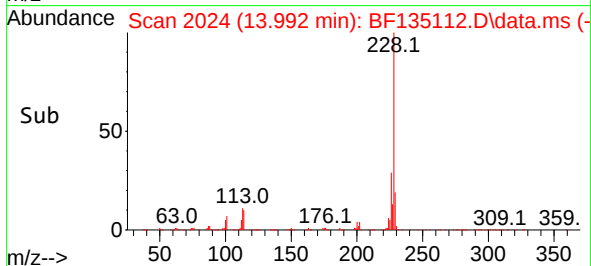
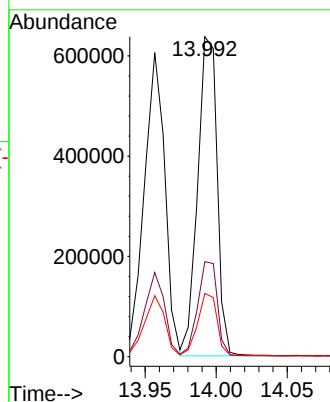
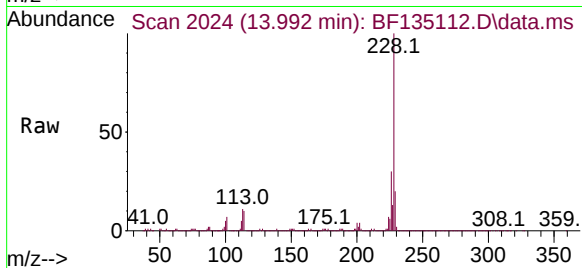
Tgt Ion:228 Resp: 607465

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.586 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

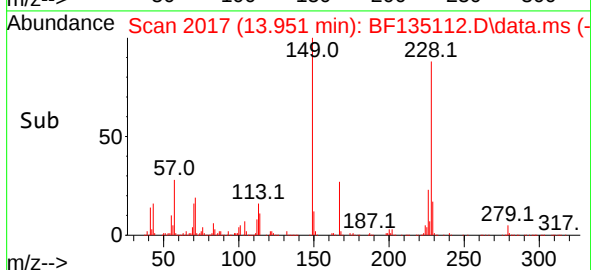
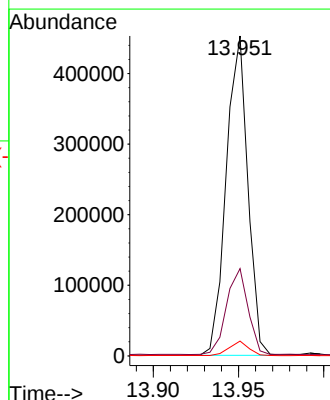
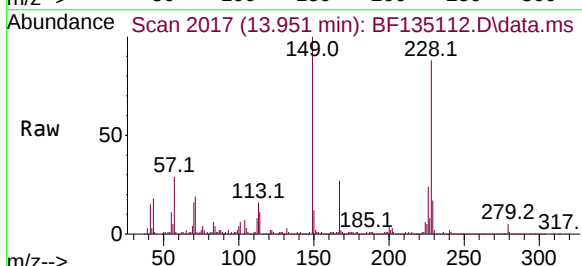
Tgt Ion:149 Resp: 399171

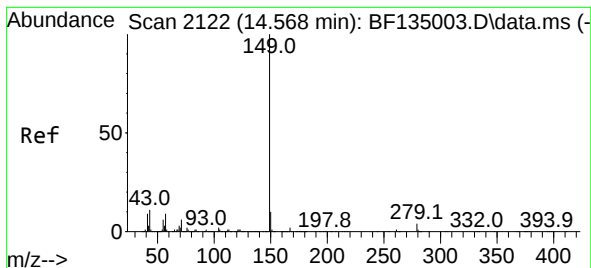
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.6 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 67.682 ng

RT: 14.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

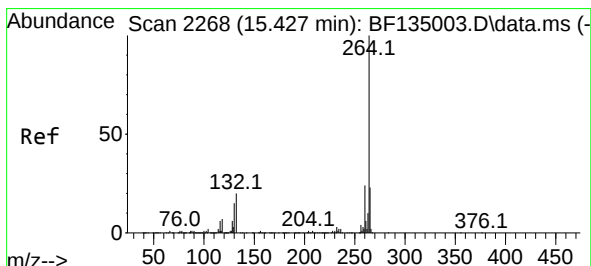
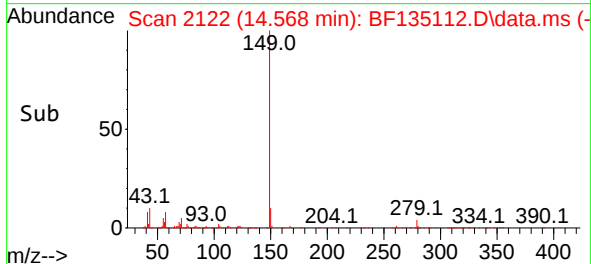
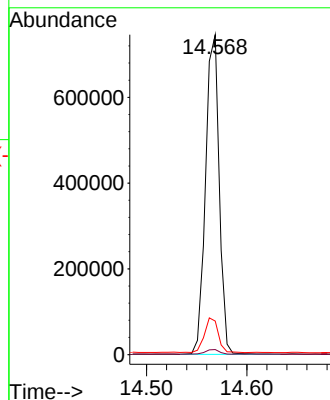
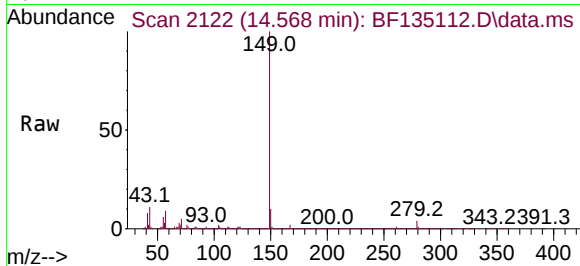
Tgt Ion:149 Resp: 703861

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

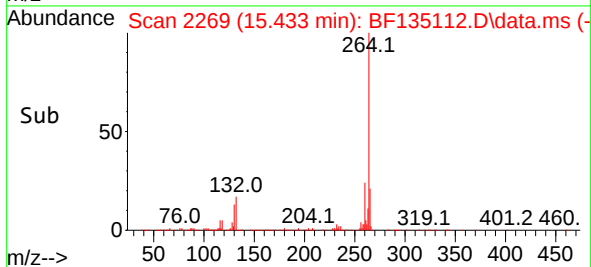
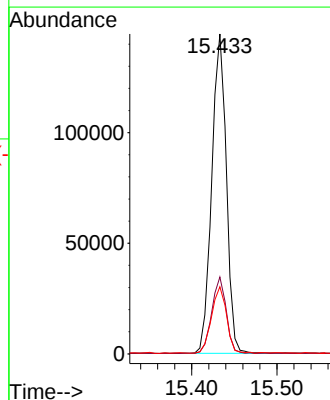
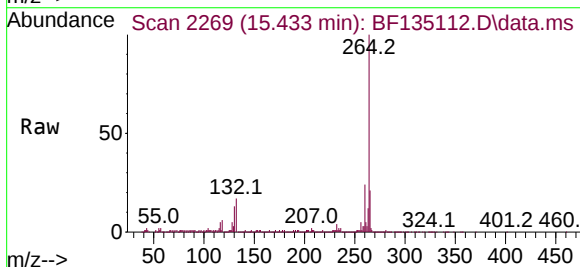
Tgt Ion:264 Resp: 171419

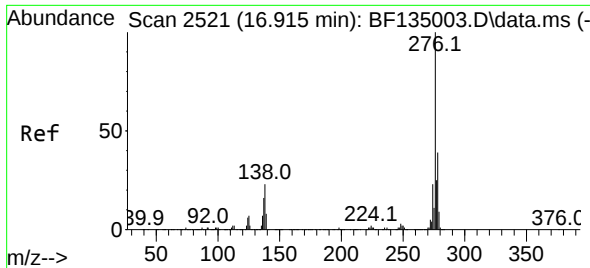
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.0 18.2 27.2

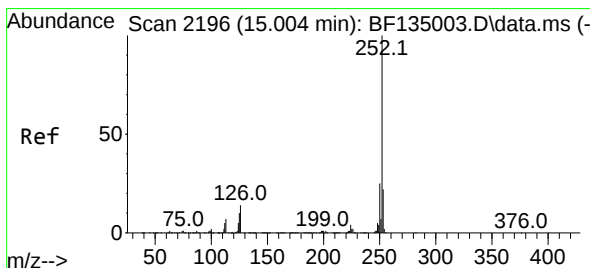
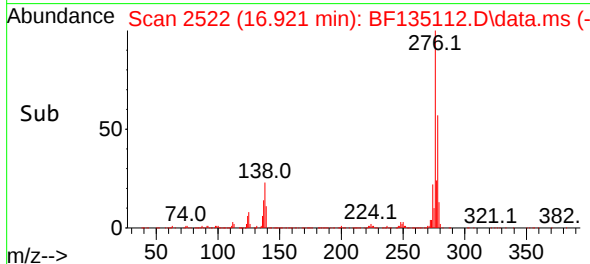
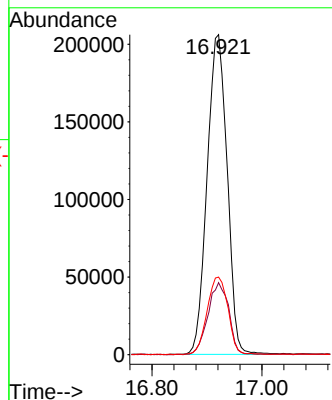
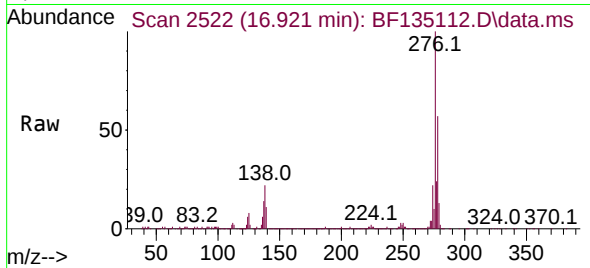




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.072 ng
RT: 16.921 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

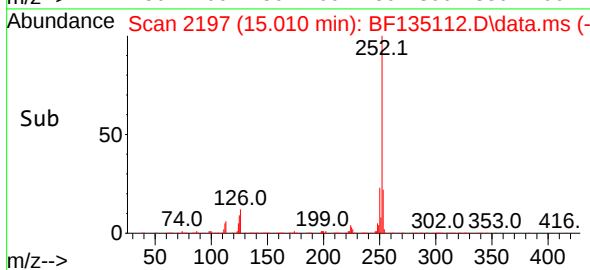
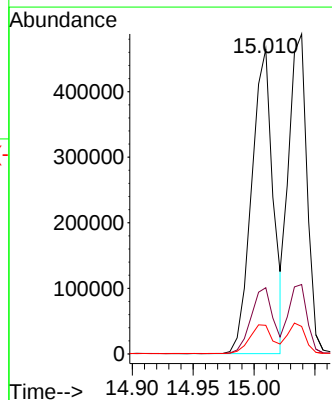
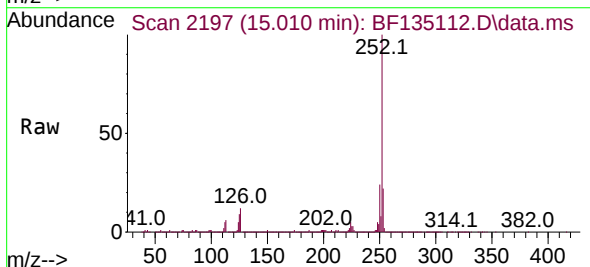
Instrument :
BNA_F
ClientSampleId :
356MS

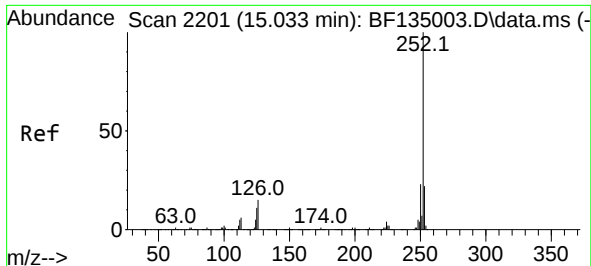
Tgt Ion:276 Resp: 520412
Ion Ratio Lower Upper
276 100
138 23.6 20.2 30.2
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 53.605 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:252 Resp: 571752
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.4 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 49.541 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

Instrument :

BNA_F

ClientSampleId :

356MS

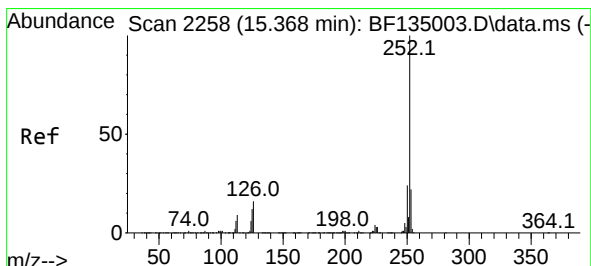
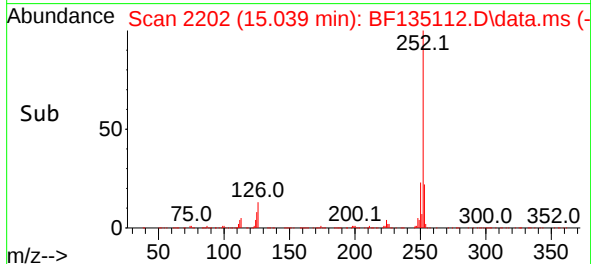
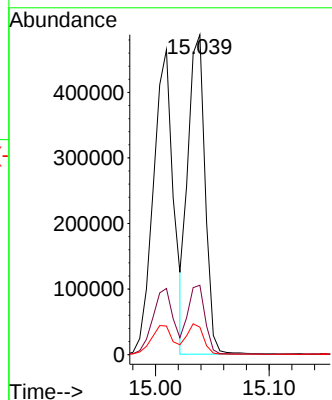
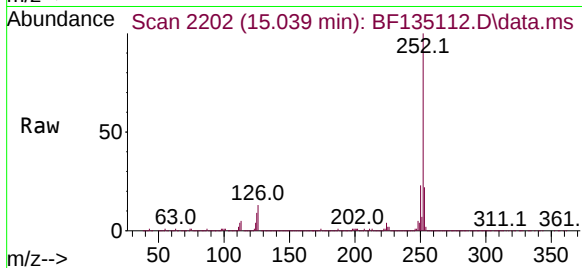
Tgt Ion:252 Resp: 510479

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.6 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.133 ng

RT: 15.374 min Scan# 2259

Delta R.T. 0.006 min

Lab File: BF135112.D

Acq: 06 Sep 2023 01:10

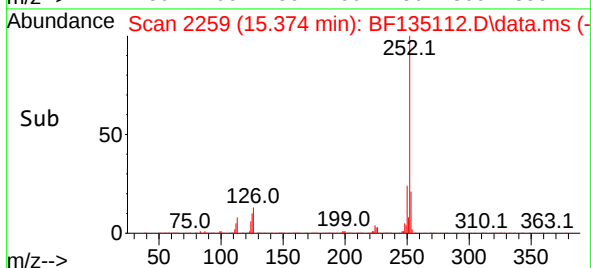
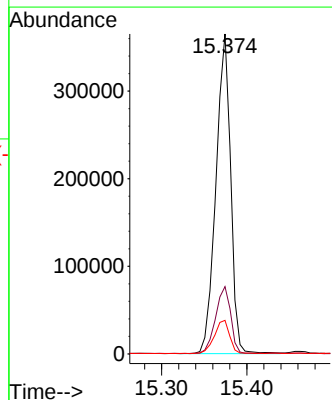
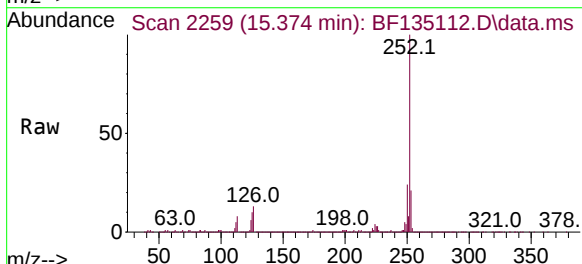
Tgt Ion:252 Resp: 437279

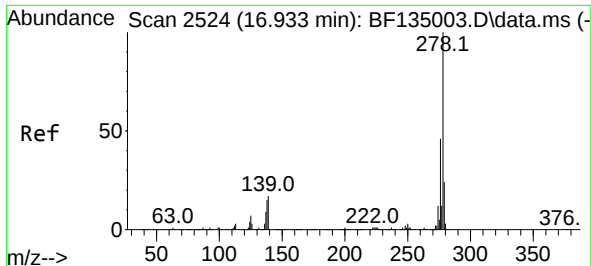
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 10.5 9.5 14.3

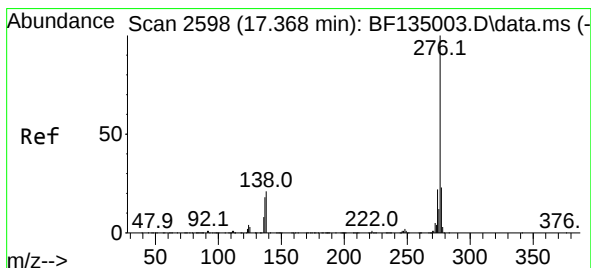
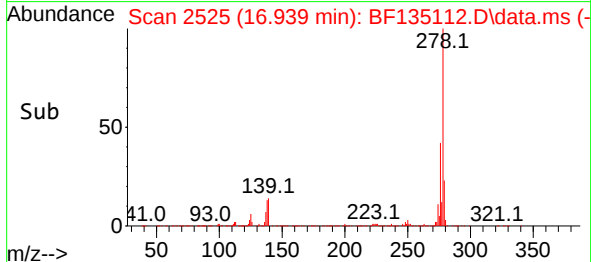
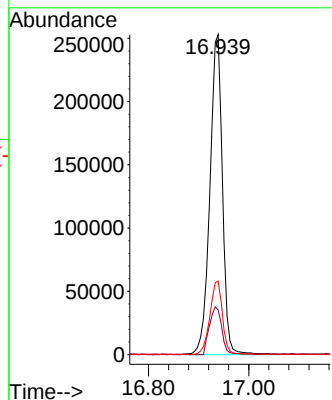
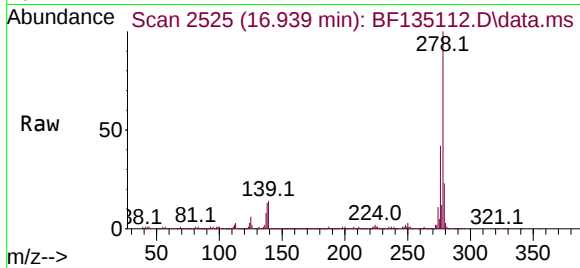




#91
Dibenzo(a,h)anthracene
Concen: 47.070 ng
RT: 16.939 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Instrument :
BNA_F
ClientSampleId :
356MS

Tgt Ion:278 Resp: 440174
Ion Ratio Lower Upper
278 100
139 14.0 13.4 20.2
279 23.0 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 41.885 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF135112.D
Acq: 06 Sep 2023 01:10

Tgt Ion:276 Resp: 407380
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 19.9 17.1 25.7

