

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135111.D
 Acq On : 06 Sep 2023 00:37
 Operator : CG\JU
 Sample : 04109-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

Quant Time: Sep 06 02:00:26 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	108014	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	419095	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	196058	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	306257	20.000	ng	0.00
76) Chrysene-d12	13.962	240	189094	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	168947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	615633	88.036	ng	0.01
7) Phenol-d6	6.422	99	764588	87.720	ng	0.00
23) Nitrobenzene-d5	7.339	82	471844	63.252	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	175455	84.363	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	842610	69.972	ng	0.00
79) Terphenyl-d14	12.898	244	704296	60.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	118620	40.045	ng	98
3) Pyridine	3.328	79	301306	37.731	ng	98
4) n-Nitrosodimethylamine	3.298	42	179716	46.018	ng	92
6) Aniline	6.439	93	219800	20.342	ng	# 63
8) 2-Chlorophenol	6.563	128	344391	48.476	ng	100
9) Benzaldehyde	6.328	77	130739	29.437	ng	98
10) Phenol	6.434	94	410152	44.823	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	319602	46.383	ng	99
12) 1,3-Dichlorobenzene	6.716	146	348358	47.594	ng	100
13) 1,4-Dichlorobenzene	6.792	146	357737	48.833	ng	99
14) 1,2-Dichlorobenzene	6.945	146	341779	49.996	ng	99
15) Benzyl Alcohol	6.922	79	297025	49.739	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	515111	44.640	ng	98
17) 2-Methylphenol	7.039	107	271102	43.792	ng	94
18) Hexachloroethane	7.281	117	130905	48.239	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	232241	44.857	ng	95
20) 3+4-Methylphenols	7.186	107	327386	44.826	ng	# 90
22) Acetophenone	7.186	105	462145	49.576	ng	97
24) Nitrobenzene	7.357	77	355244	46.424	ng	96
25) Isophorone	7.598	82	638027	45.111	ng	98
26) 2-Nitrophenol	7.675	139	179106	47.374	ng	95
27) 2,4-Dimethylphenol	7.716	122	274809	45.149	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	393393	46.109	ng	99
29) 2,4-Dichlorophenol	7.916	162	272775	47.153	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	300713	48.102	ng	99
31) Naphthalene	8.075	128	944112	46.116	ng	99
32) Benzoic acid	7.845	122	173123	35.556	ng	98
33) 4-Chloroaniline	8.128	127	88112	9.840	ng	97
34) Hexachlorobutadiene	8.192	225	171606	48.370	ng	99
35) Caprolactam	8.510	113	61407	32.420	ng	94
36) 4-Chloro-3-methylphenol	8.622	107	298275	47.471	ng	95
37) 2-Methylnaphthalene	8.769	142	591035	43.268	ng	99
38) 1-Methylnaphthalene	8.869	142	565082	44.212	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	280023	51.021	ng	99
41) Hexachlorocyclopentadiene	8.916	237	96009	41.100	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	178261	48.363	ng	100

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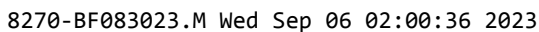
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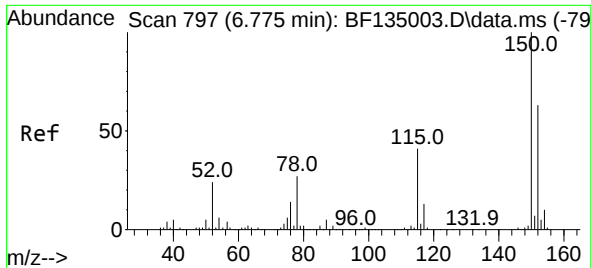
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	192072	45.010	ng	# 93
46) 1,1'-Biphenyl	9.233	154	750209	50.083	ng	99
47) 2-Chloronaphthalene	9.263	162	552423	49.042	ng	99
48) 2-Nitroaniline	9.363	65	188543	48.896	ng	91
49) Acenaphthylene	9.674	152	827749	48.612	ng	100
50) Dimethylphthalate	9.545	163	675371	49.196	ng	100
51) 2,6-Dinitrotoluene	9.610	165	146432	48.611	ng	86
52) Acenaphthene	9.851	154	500245	46.100	ng	99
53) 3-Nitroaniline	9.774	138	78408	22.345	ng	94
54) 2,4-Dinitrophenol	9.886	184	38962	27.063	ng	88
55) Dibenzofuran	10.022	168	713382	45.574	ng	99
56) 4-Nitrophenol	9.951	139	201051	81.510	ng	97
57) 2,4-Dinitrotoluene	10.016	165	173507	46.219	ng	97
58) Fluorene	10.369	166	543173	45.516	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	137259	41.771	ng	96
60) Diethylphthalate	10.245	149	614884	47.581	ng	100
61) 4-Chlorophenyl-phenylether	10.357	204	271158	45.937	ng	99
62) 4-Nitroaniline	10.392	138	123323	35.918	ng	97
63) Azobenzene	10.521	77	563028	43.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	36949	19.934	ng	94
66) n-Nitrosodiphenylamine	10.480	169	489927	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	161476	49.711	ng	99
68) Hexachlorobenzene	10.916	284	171436	51.041	ng	98
69) Atrazine	11.016	200	155427	Below Cal		98
70) Pentachlorophenol	11.110	266	143218	70.479	ng	98
71) Phenanthrene	11.333	178	750211	47.482	ng	99
72) Anthracene	11.380	178	755526	46.802	ng	99
73) Carbazole	11.539	167	648206	46.555	ng	99
74) Di-n-butylphthalate	11.874	149	809488	48.229	ng	100
75) Fluoranthene	12.527	202	706611	44.234	ng	98
77) Benzidine	12.651	184	246203	72.228	ng	98
78) Pyrene	12.757	202	714787	39.813	ng	99
80) Butylbenzylphthalate	13.380	149	293350	45.229	ng	98
81) Benzo(a)anthracene	13.951	228	586636	45.480	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	173602	44.602	ng	98
83) Chrysene	13.992	228	576311	45.463	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	364517	54.306	ng	100
85) Di-n-octyl phthalate	14.562	149	639891	62.457	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	474911	41.733	ng	98
88) Benzo(b)fluoranthene	15.004	252	528346	50.260	ng	98
89) Benzo(k)fluoranthene	15.033	252	486974	47.951	ng	98
90) Benzo(a)pyrene	15.368	252	434918	44.537	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	396018	42.968	ng	97
92) Benzo(g,h,i)perylene	17.362	276	374714	39.090	ng	99

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

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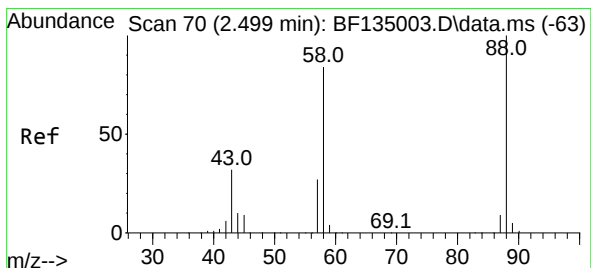
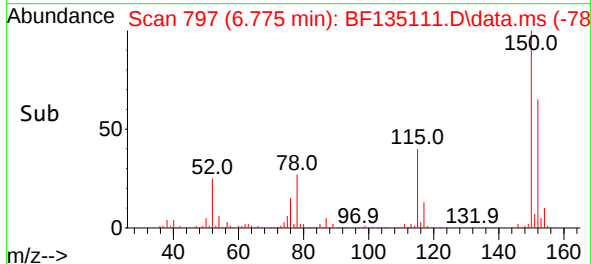
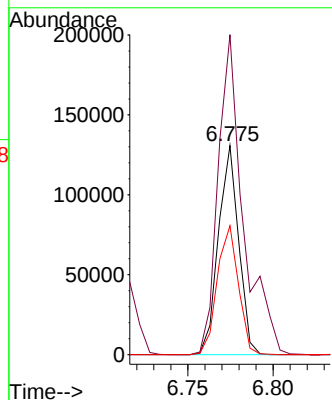
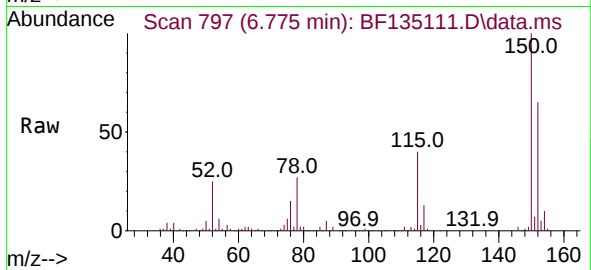




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

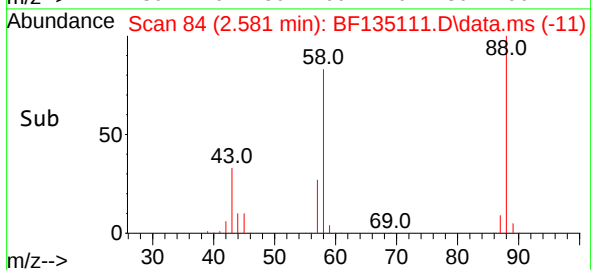
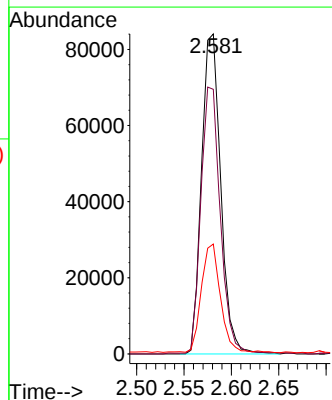
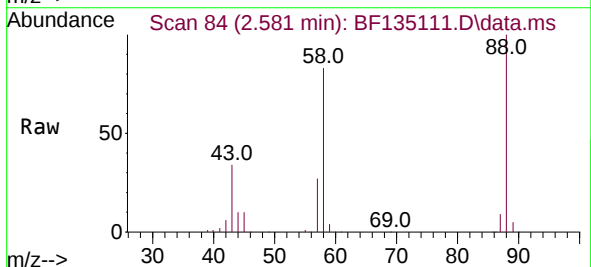
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 TP-01(6-7)MSD

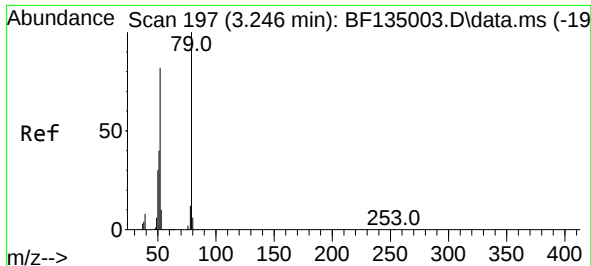
Tgt Ion:152 Resp: 108014
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.2 189.4
 115 61.6 51.2 76.8



#2
 1,4-Dioxane
 Concen: 40.045 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.082 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

Tgt Ion: 88 Resp: 118620
 Ion Ratio Lower Upper
 88 100
 58 85.1 67.1 100.7
 43 34.0 25.9 38.9

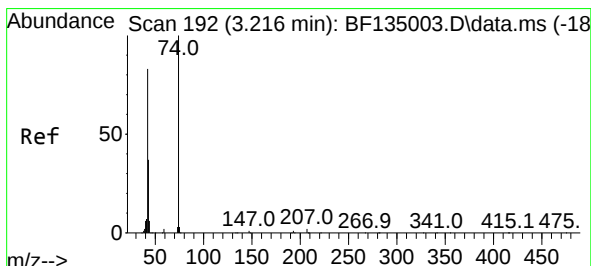
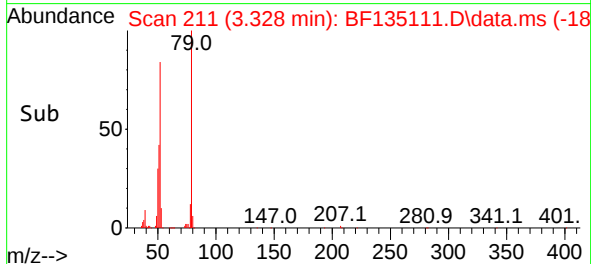
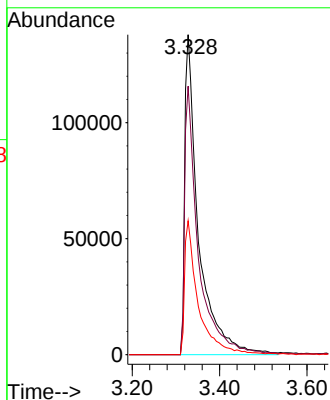
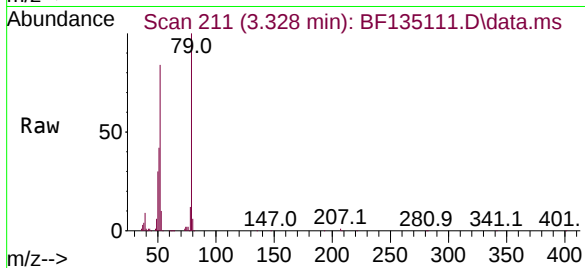




#3
Pyridine
Concen: 37.731 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

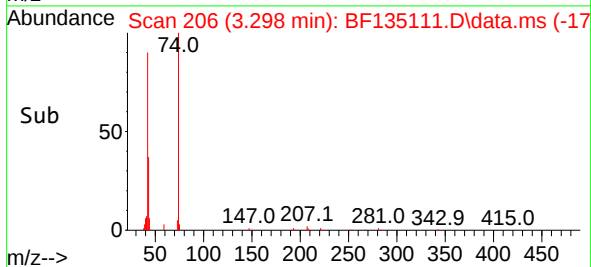
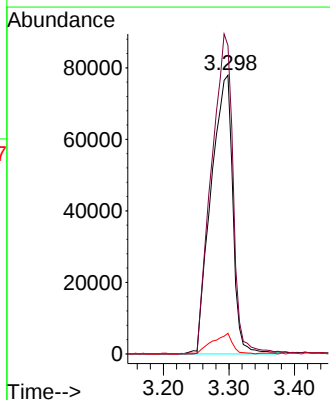
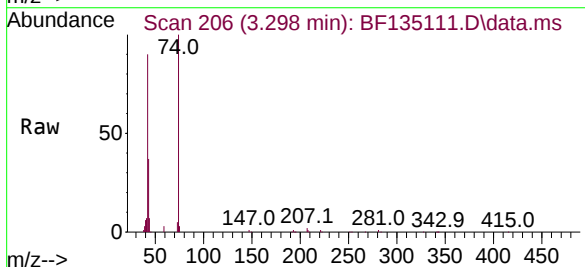
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

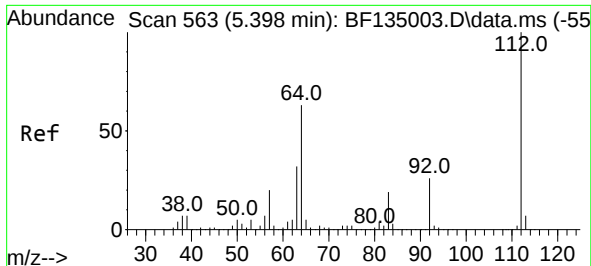
Tgt Ion: 79 Resp: 301306
Ion Ratio Lower Upper
79 100
52 83.9 65.4 98.2
51 41.8 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 46.018 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 42 Resp: 179716
Ion Ratio Lower Upper
42 100
74 110.7 96.2 144.2
44 7.4 5.8 8.6

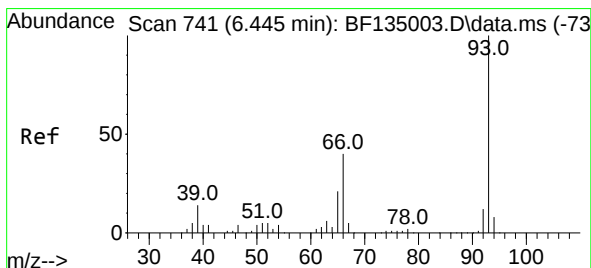
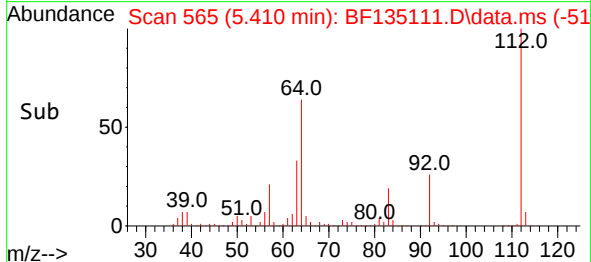
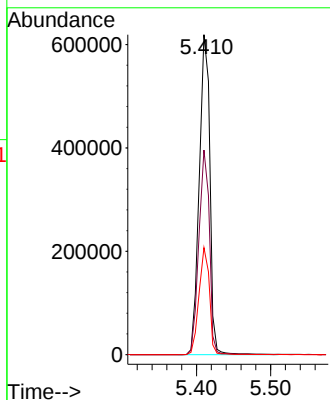
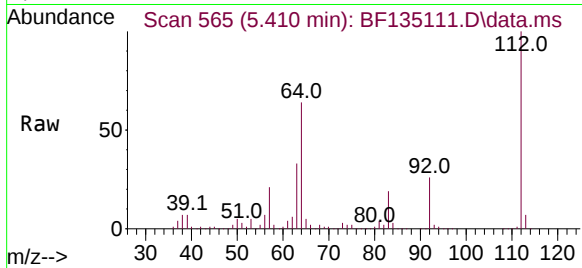




#5
2-Fluorophenol
Concen: 88.036 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

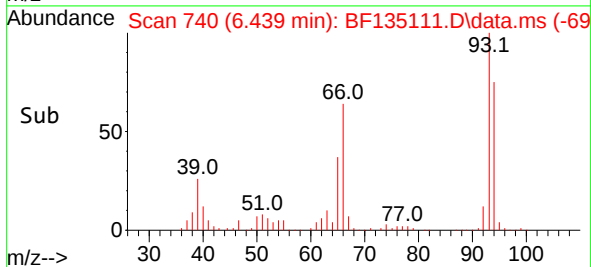
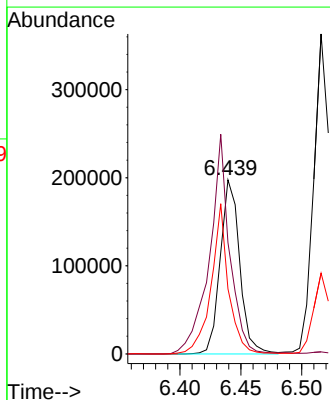
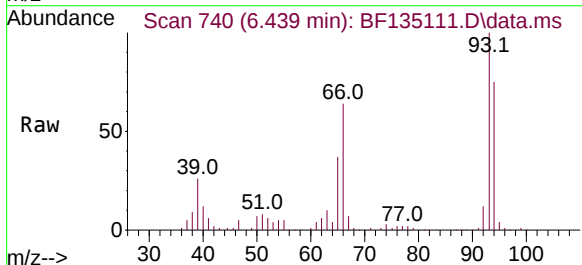
Instrument :
BNA_F
ClientSampleId :
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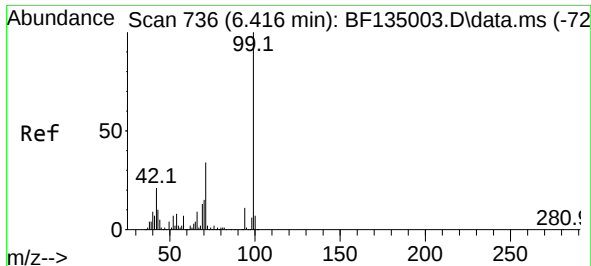
Tgt Ion:112 Resp: 615633
Ion Ratio Lower Upper
112 100
64 63.9 50.5 75.7
63 33.4 25.9 38.9



#6
Aniline
Concen: 20.342 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 93 Resp: 219800
Ion Ratio Lower Upper
93 100
66 63.9 32.4 48.6#
65 37.4 16.6 24.8#





#7

Phenol-d6

Concen: 87.720 ng

RT: 6.422 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

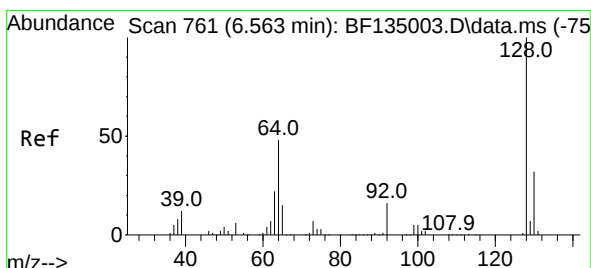
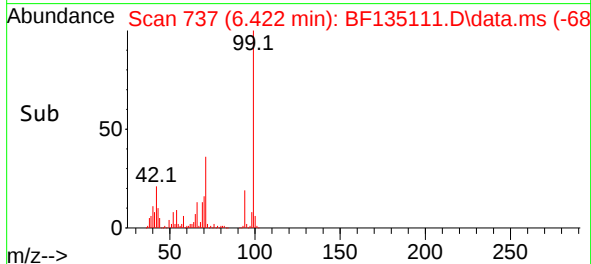
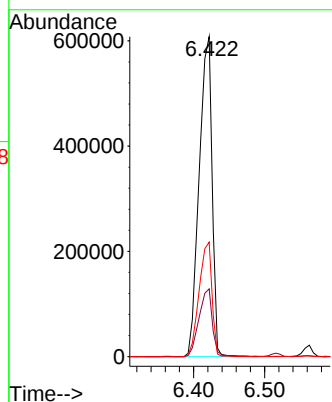
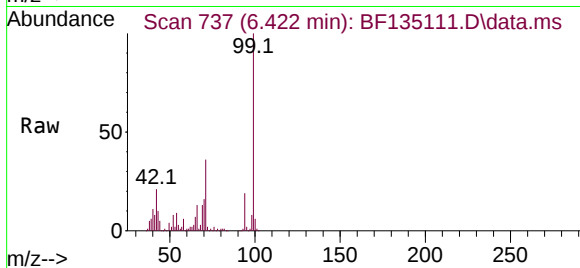
Tgt Ion: 99 Resp: 764588

Ion Ratio Lower Upper

99 100

42 21.2 16.6 25.0

71 35.8 27.0 40.6



#8

2-Chlorophenol

Concen: 48.476 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

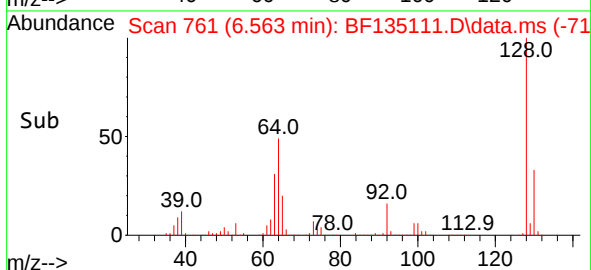
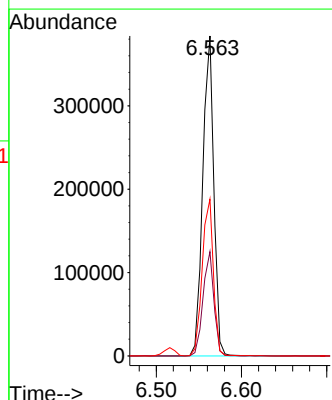
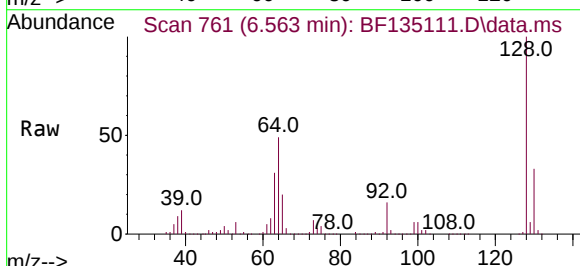
Tgt Ion:128 Resp: 344391

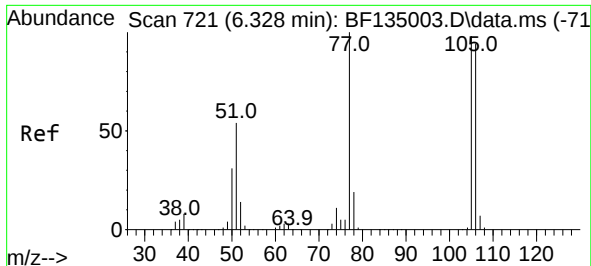
Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

64 49.0 29.0 69.0





#9

Benzaldehyde

Concen: 29.437 ng

RT: 6.328 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

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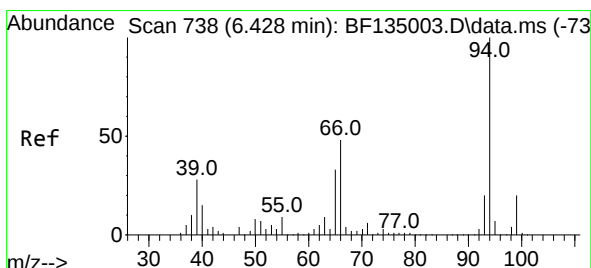
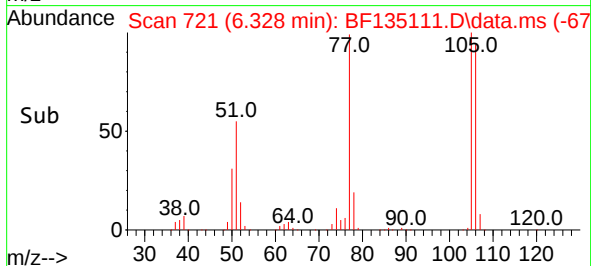
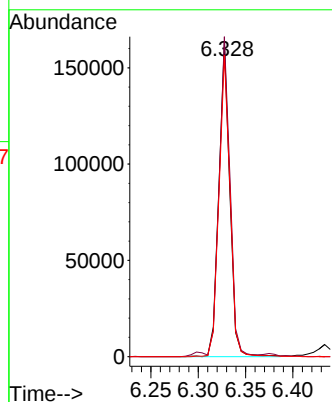
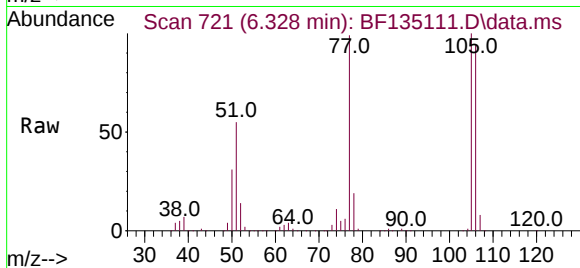
Tgt Ion: 77 Resp: 130739

Ion Ratio Lower Upper

77 100

105 101.4 78.4 118.4

106 95.5 74.3 114.3



#10

Phenol

Concen: 44.823 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

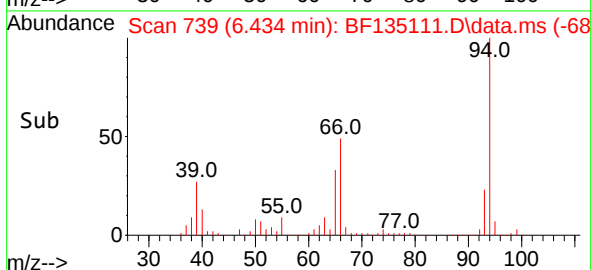
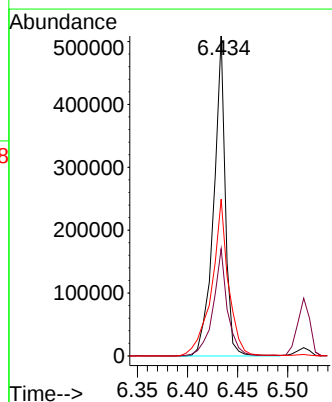
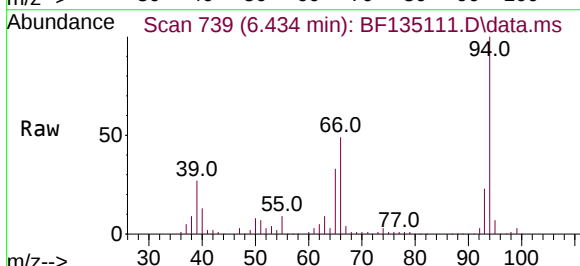
Tgt Ion: 94 Resp: 410152

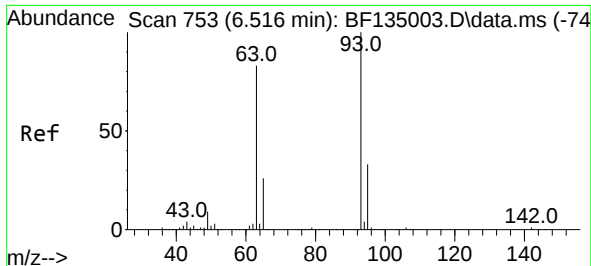
Ion Ratio Lower Upper

94 100

65 33.5 13.2 53.2

66 49.0 27.5 67.5

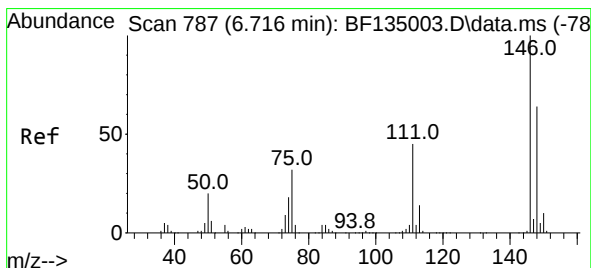
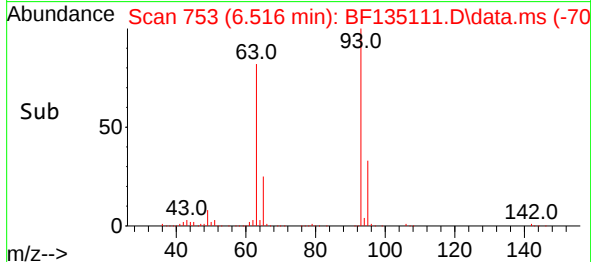
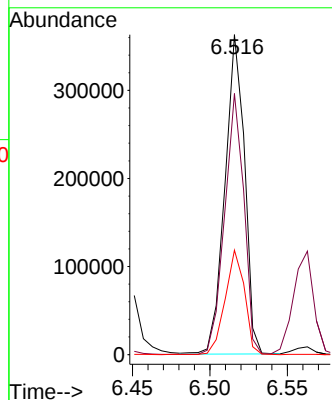
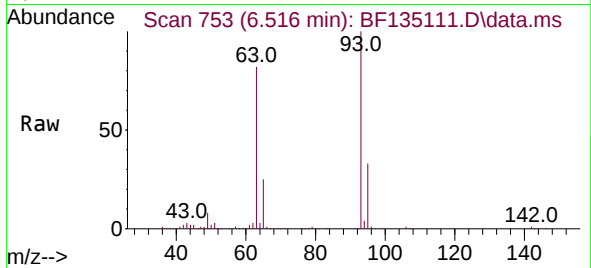




#11
bis(2-Chloroethyl)ether
Concen: 46.383 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

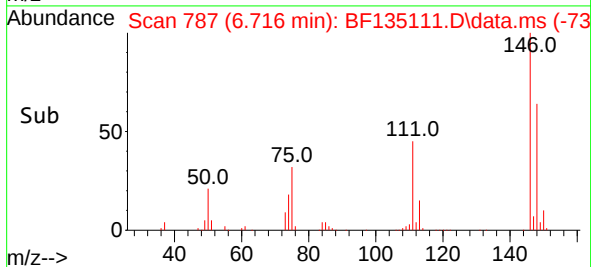
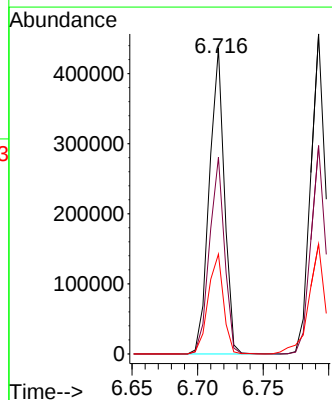
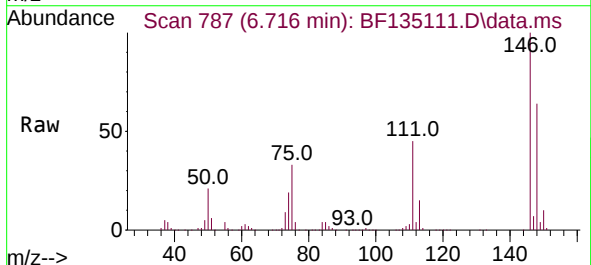
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

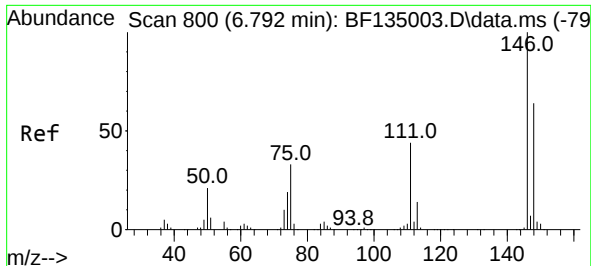
Tgt Ion: 93 Resp: 319602
Ion Ratio Lower Upper
93 100
63 81.6 62.8 102.8
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.594 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:146 Resp: 348358
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 32.6 25.8 38.8

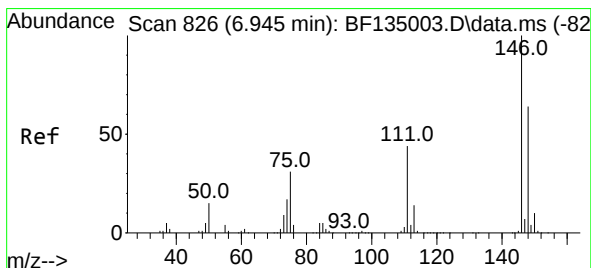
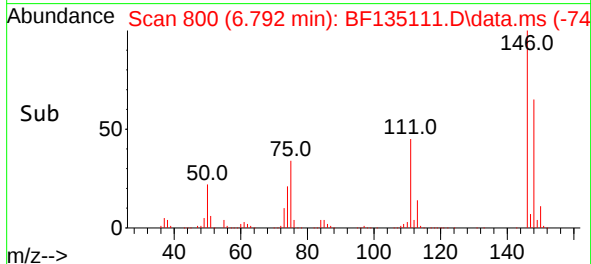
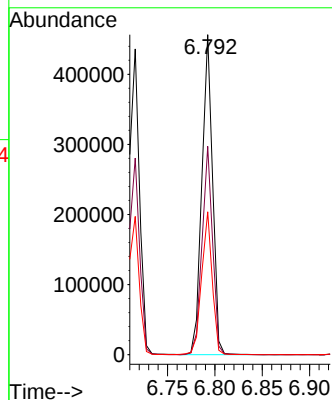
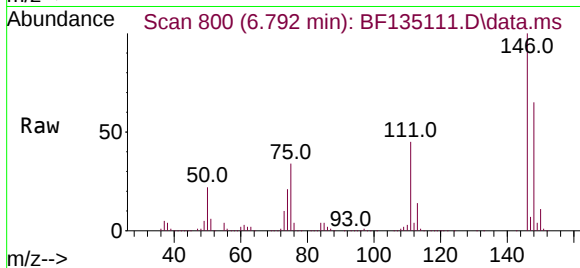




#13
1,4-Dichlorobenzene
Concen: 48.833 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

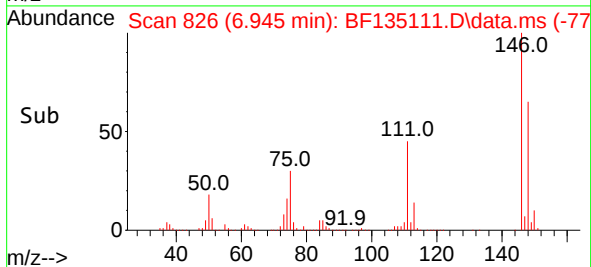
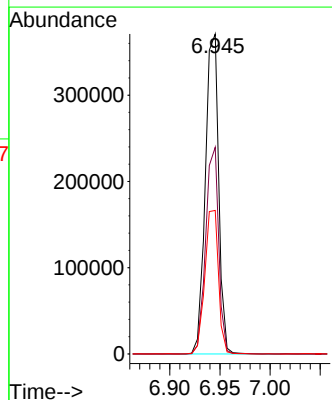
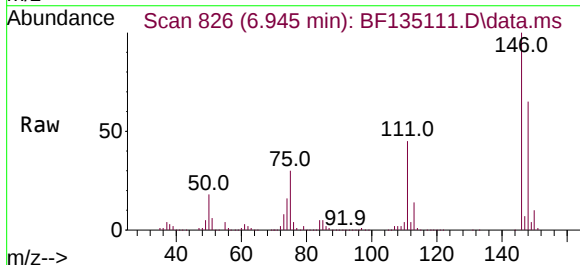
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

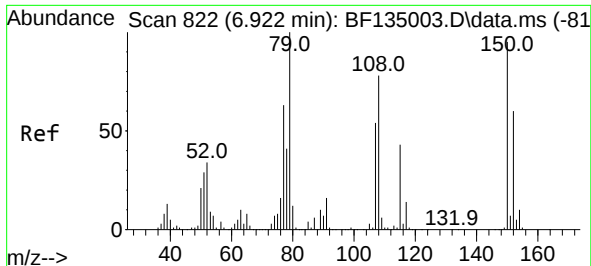
Tgt Ion:146 Resp: 357737
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 44.6 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 49.996 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:146 Resp: 341779
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 44.8 35.3 52.9

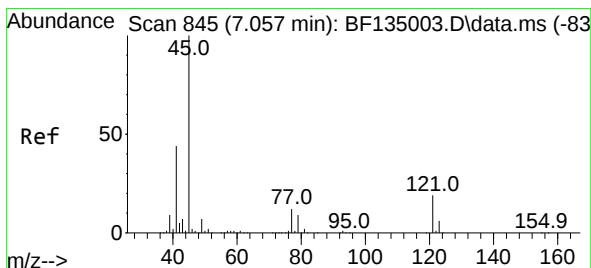
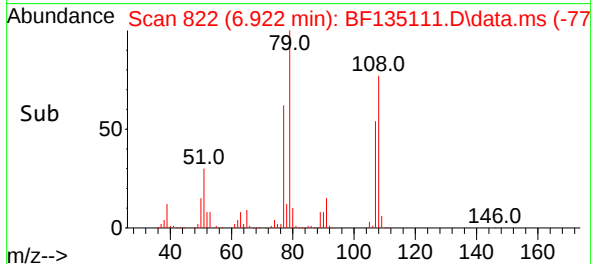
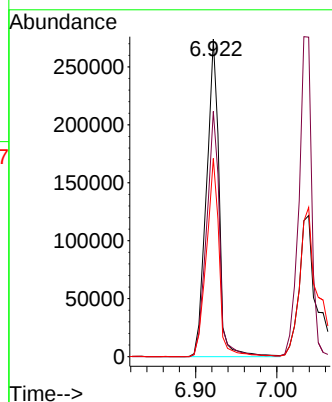
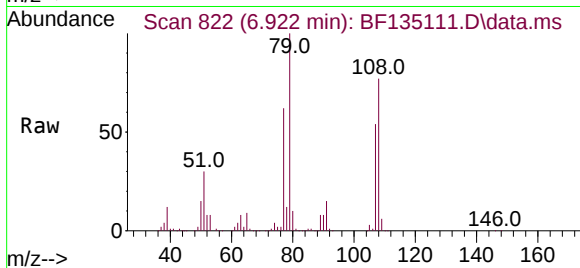




#15
Benzyl Alcohol
Concen: 49.739 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

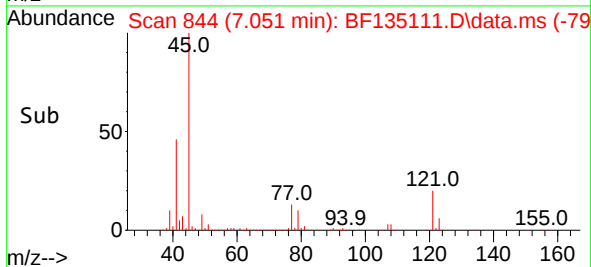
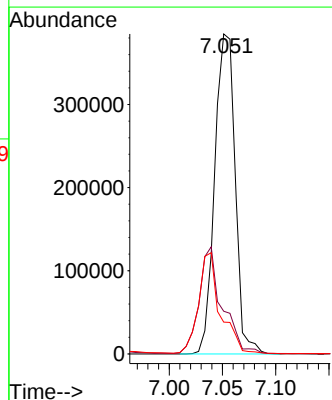
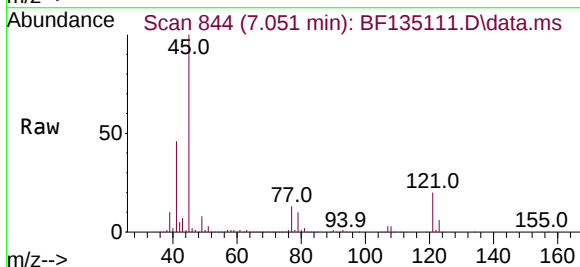
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

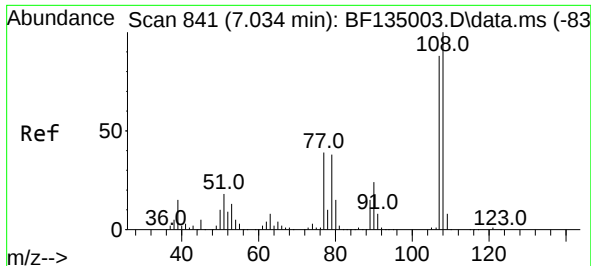
Tgt Ion: 79 Resp: 297025
Ion Ratio Lower Upper
79 100
108 77.2 62.5 93.7
77 62.4 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.640 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 45 Resp: 515111
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.3
79 9.9 0.0 29.5

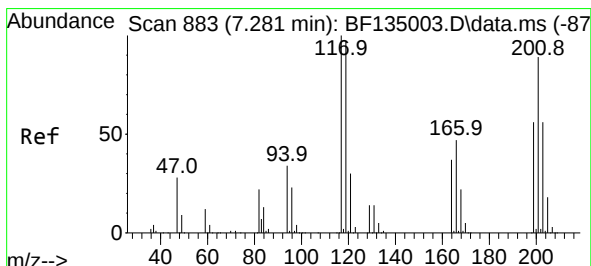
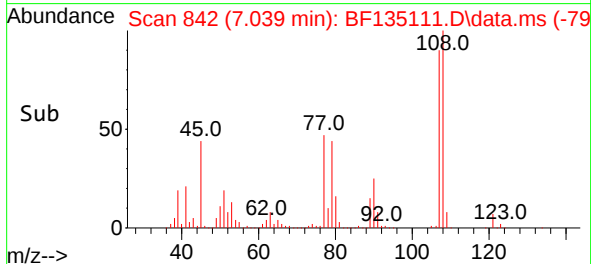
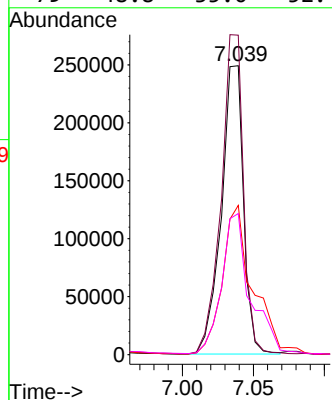
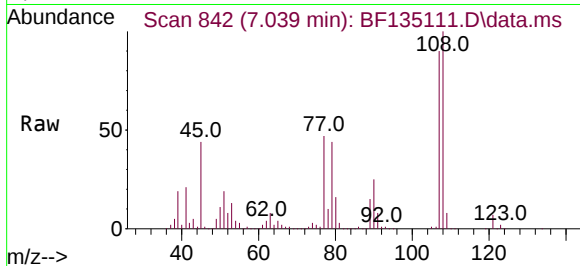




#17
2-Methylphenol
Concen: 43.792 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

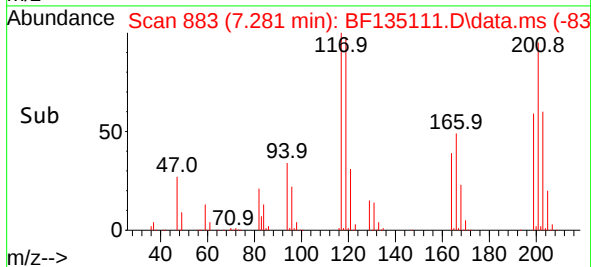
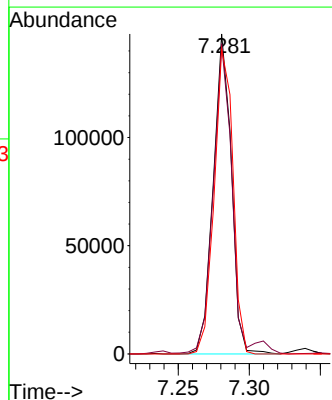
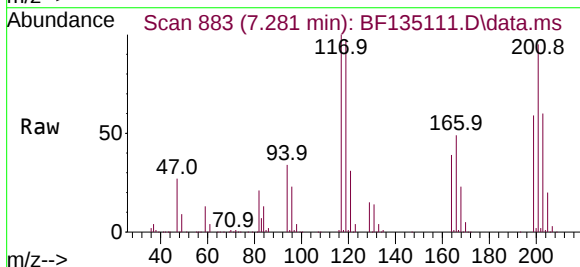
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

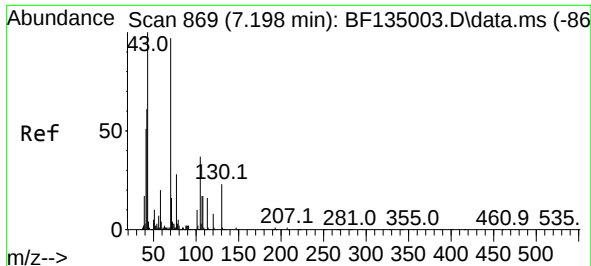
Tgt Ion:	107	Resp:	271102
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.2	136.8
77	51.7	36.0	54.0
79	48.8	35.0	52.4



#18
Hexachloroethane
Concen: 48.239 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:	117	Resp:	130905
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.2
201	95.3	71.4	107.2

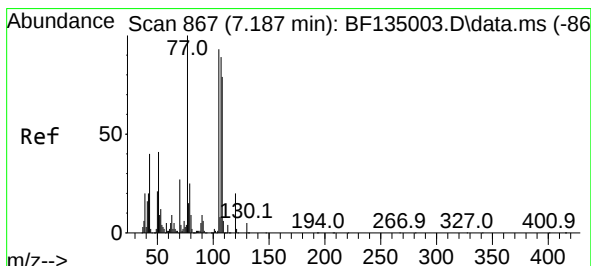
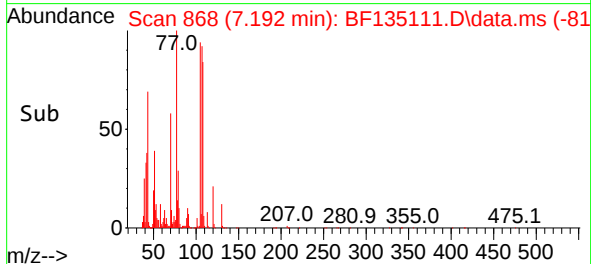
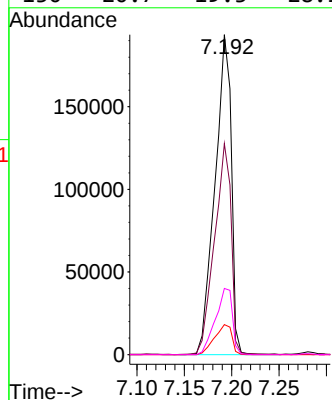
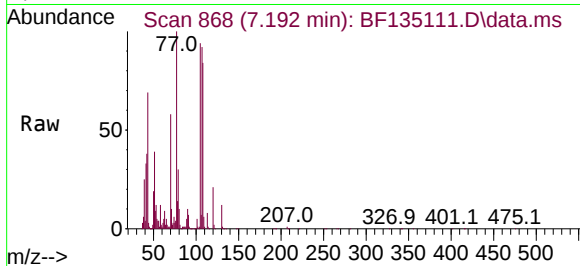




#19
n-Nitroso-di-n-propylamine
Concen: 44.857 ng
RT: 7.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

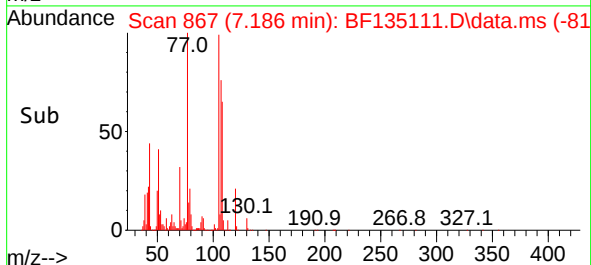
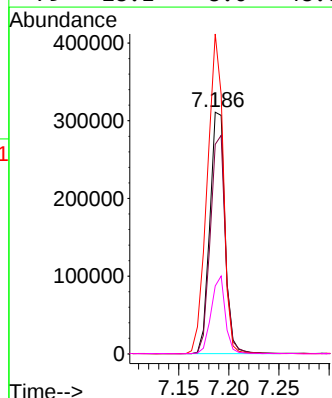
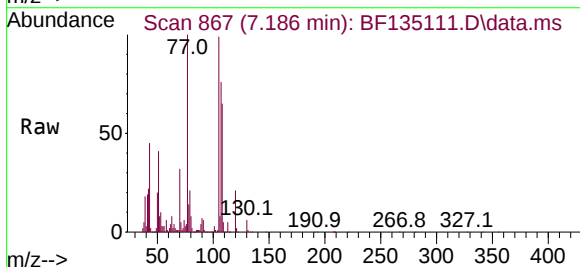
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

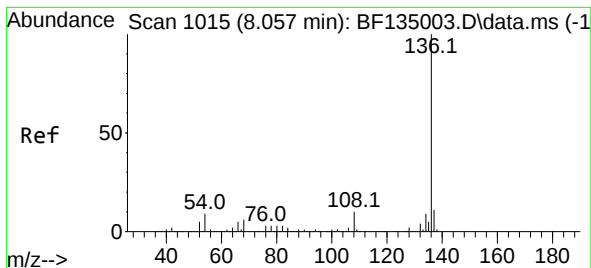
Tgt Ion: 70 Resp: 232241
Ion Ratio Lower Upper
70 100
42 65.9 50.2 75.4
101 9.4 8.1 12.1
130 20.7 19.3 28.9



#20
3+4-Methylphenols
Concen: 44.826 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 107 Resp: 327386
Ion Ratio Lower Upper
107 100
108 86.7 68.6 108.6
77 132.4 92.3 132.3#
79 28.1 8.0 48.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF135111.D

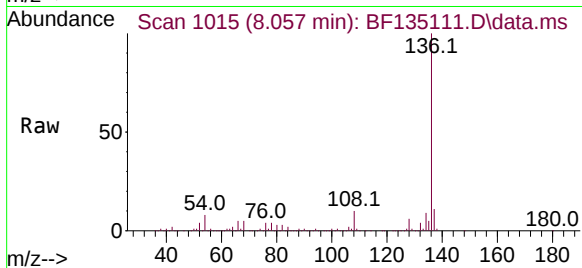
Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD



Tgt Ion:136 Resp: 419095

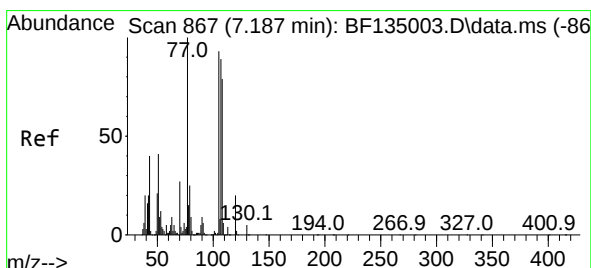
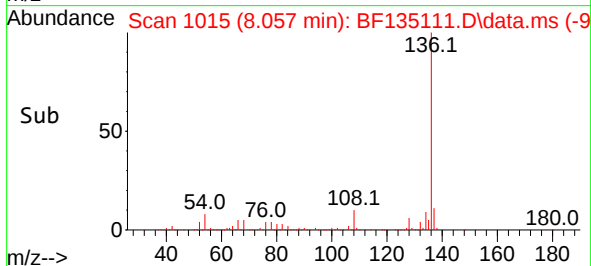
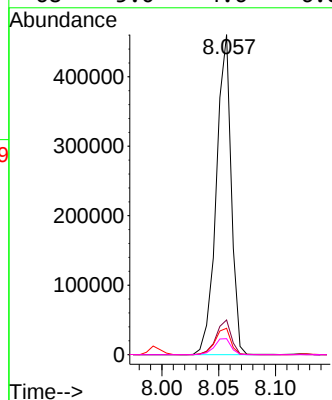
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.3 7.0 10.4

68 5.0 4.6 6.8



#22

Acetophenone

Concen: 49.576 ng

RT: 7.186 min Scan# 867

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:105 Resp: 462145

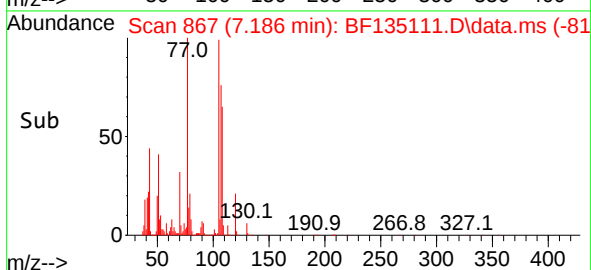
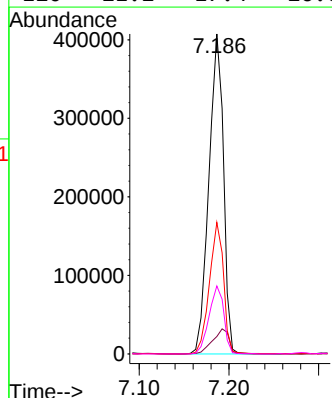
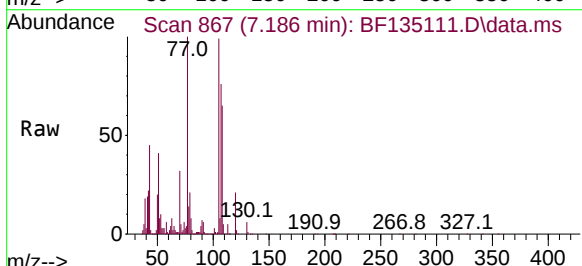
Ion Ratio Lower Upper

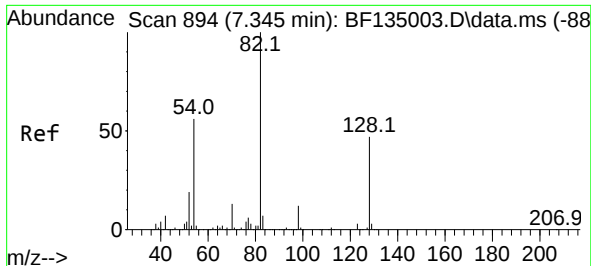
105 100

71 5.4 3.8 5.6

51 41.1 35.0 52.6

120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 63.252 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

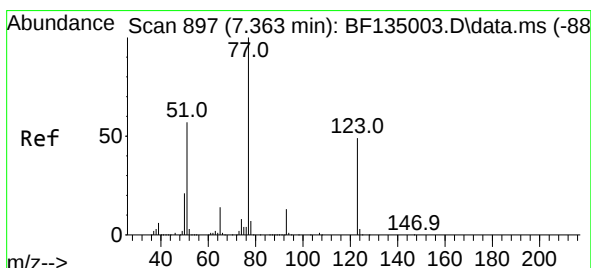
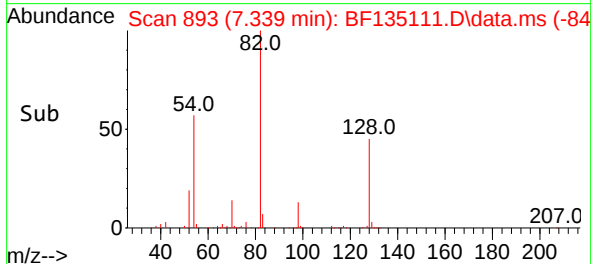
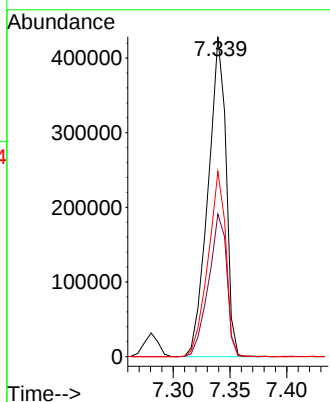
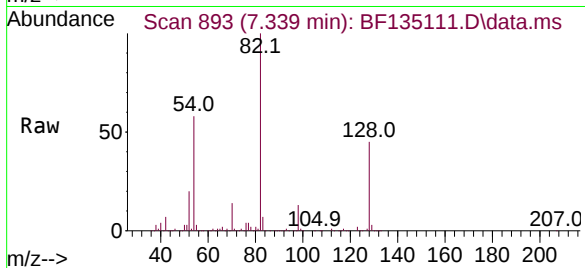
Tgt Ion: 82 Resp: 471844

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

54 57.9 45.0 67.6



#24

Nitrobenzene

Concen: 46.424 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

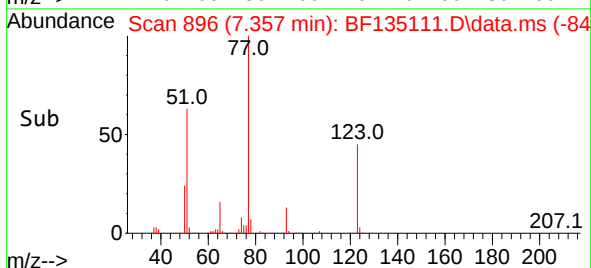
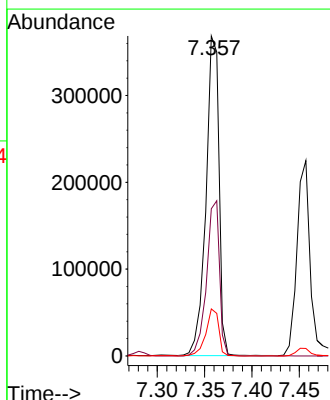
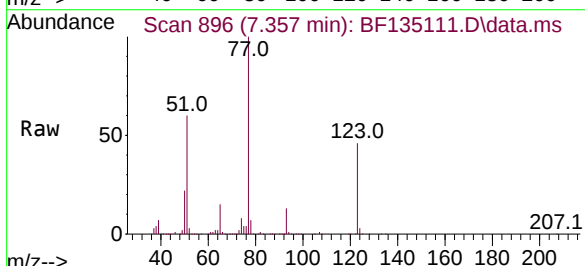
Tgt Ion: 77 Resp: 355244

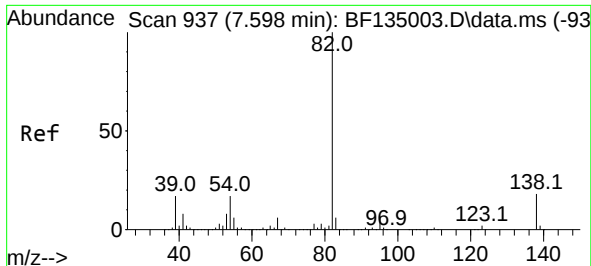
Ion Ratio Lower Upper

77 100

123 46.0 39.4 59.2

65 14.7 11.4 17.2

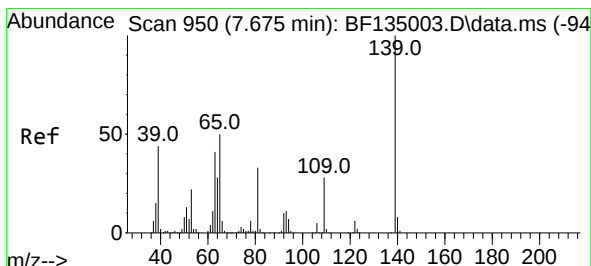
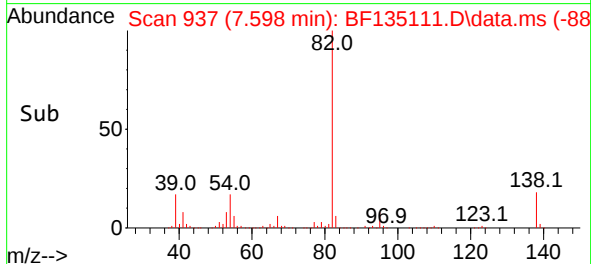
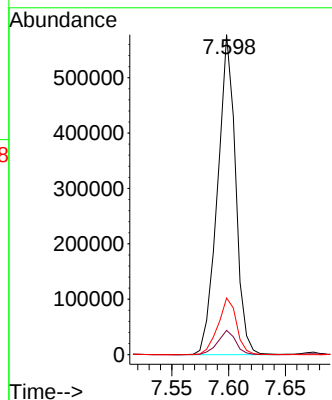
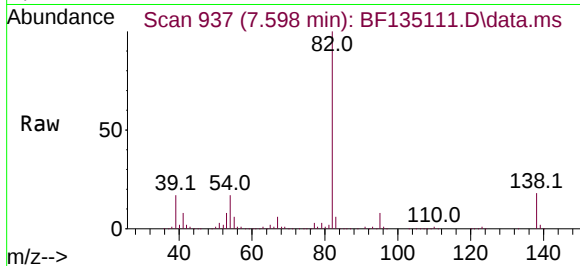




#25
Isophorone
Concen: 45.111 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

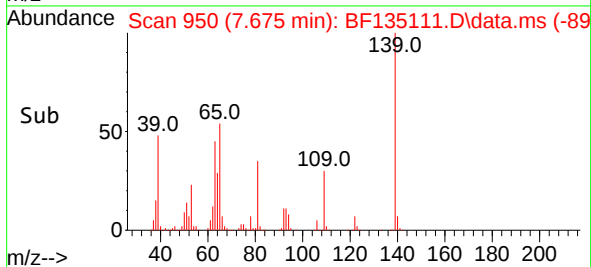
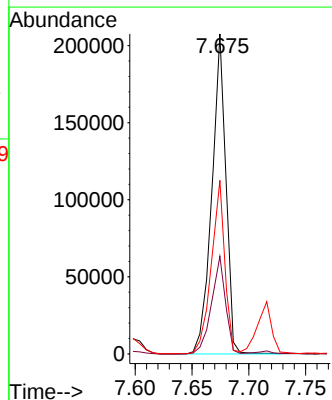
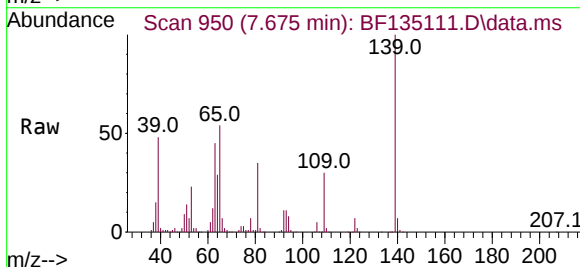
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

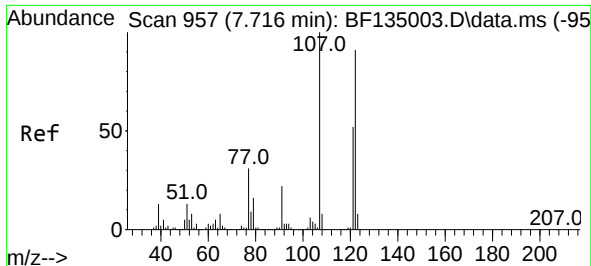
Tgt Ion: 82 Resp: 638027
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 17.7 14.7 22.1



#26
2-Nitrophenol
Concen: 47.374 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion: 139 Resp: 179106
Ion Ratio Lower Upper
139 100
109 30.5 22.6 34.0
65 54.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 45.149 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

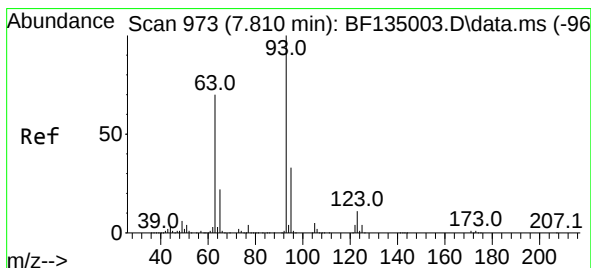
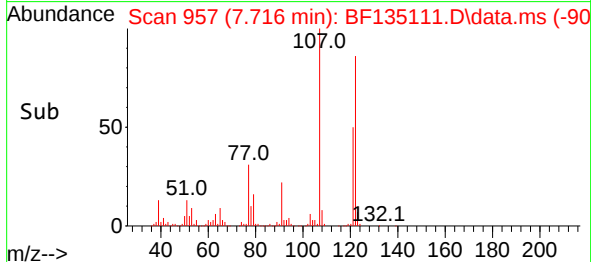
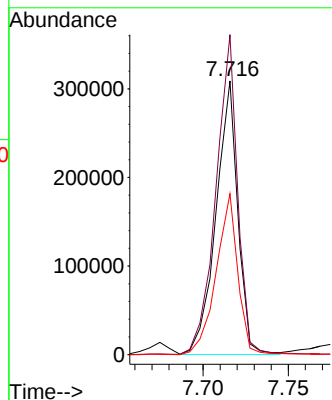
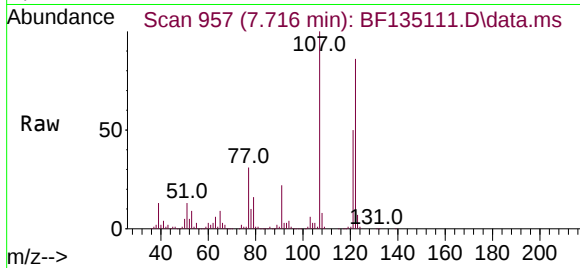
Tgt Ion:122 Resp: 274809

Ion Ratio Lower Upper

122 100

107 116.9 87.8 131.8

121 58.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.109 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

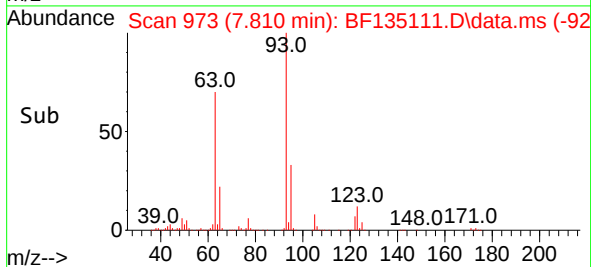
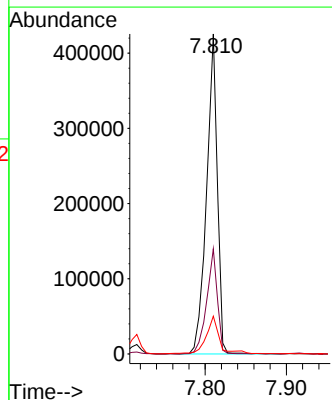
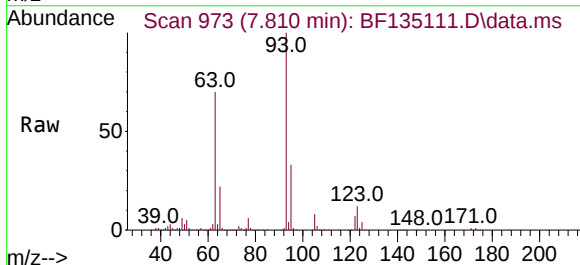
Tgt Ion: 93 Resp: 393393

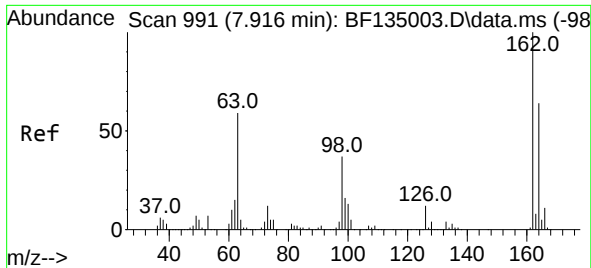
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.153 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135111.D

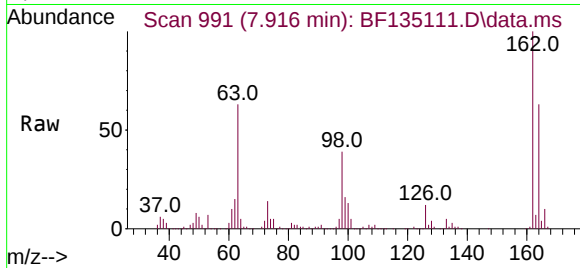
Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD



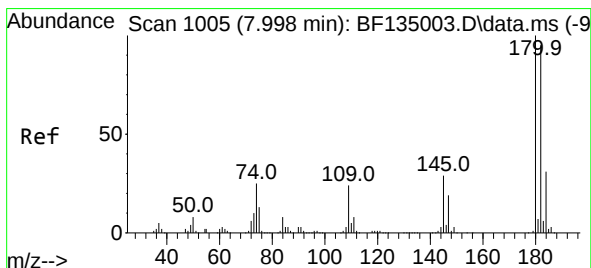
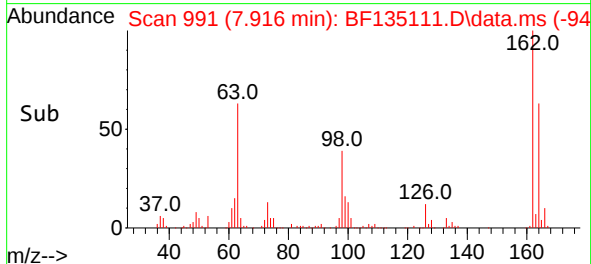
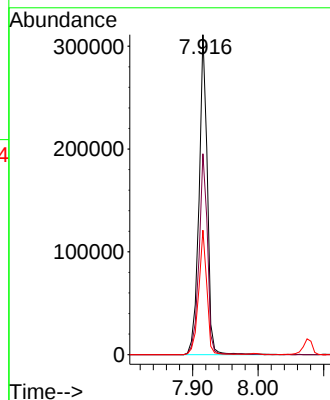
Tgt Ion:162 Resp: 272775

Ion Ratio Lower Upper

162 100

164 62.8 44.2 84.2

98 38.9 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 48.102 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

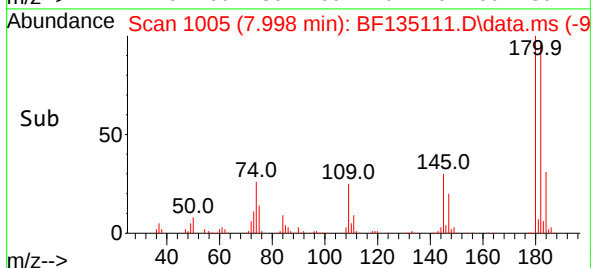
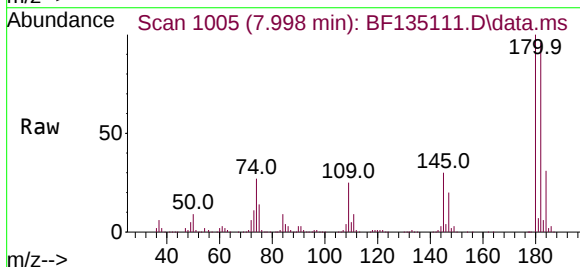
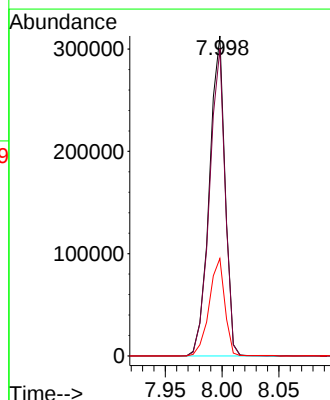
Tgt Ion:180 Resp: 300713

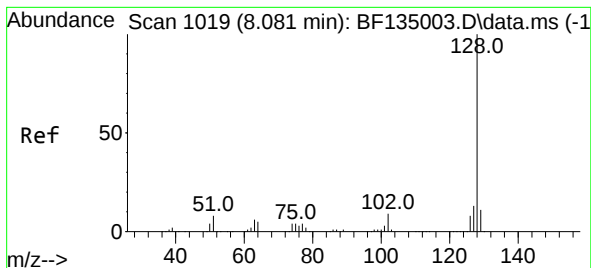
Ion Ratio Lower Upper

180 100

182 95.9 76.3 114.5

145 30.4 23.5 35.3





#31

Naphthalene

Concen: 46.116 ng

RT: 8.075 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

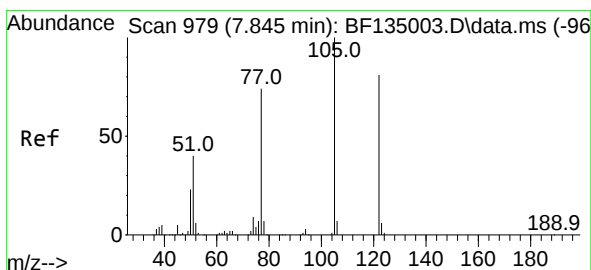
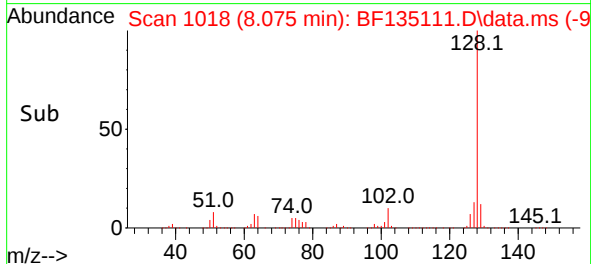
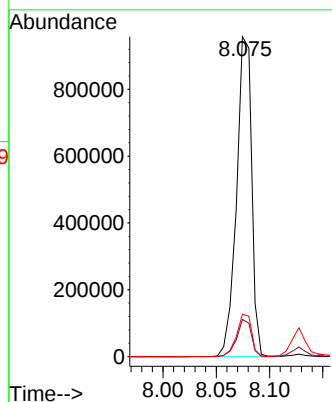
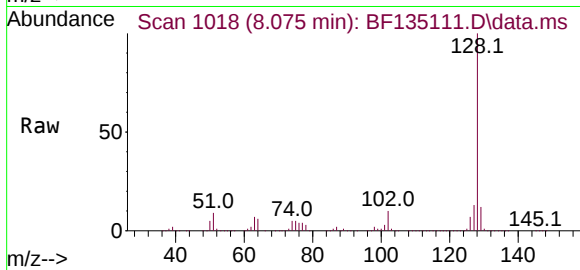
Tgt Ion:128 Resp: 944112

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 35.556 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

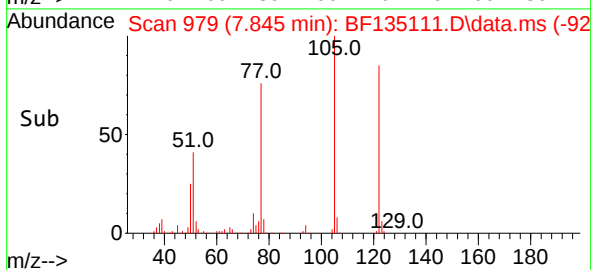
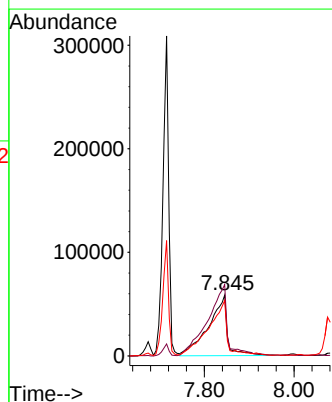
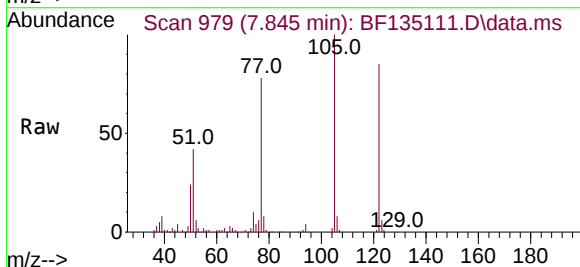
Tgt Ion:122 Resp: 173123

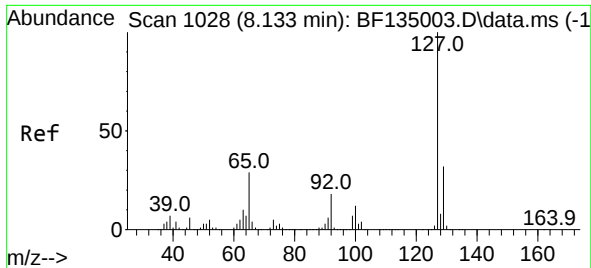
Ion Ratio Lower Upper

122 100

105 117.4 99.8 139.8

77 91.2 69.5 109.5

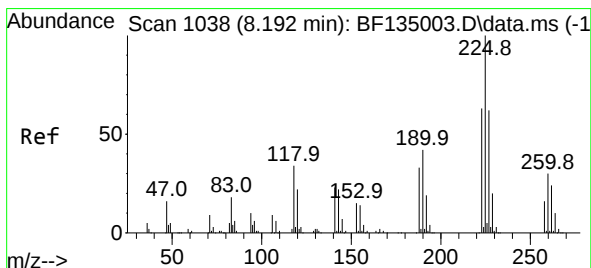
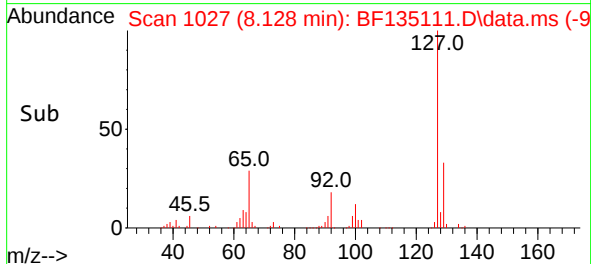
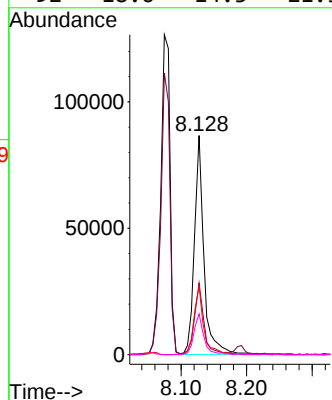
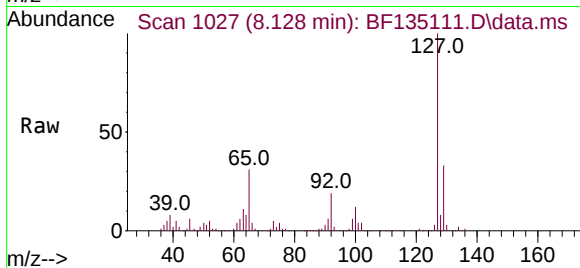




#33
4-Chloroaniline
Concen: 9.840 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

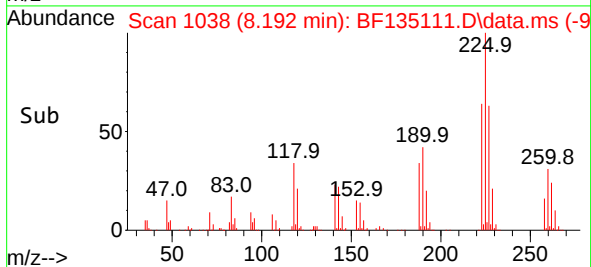
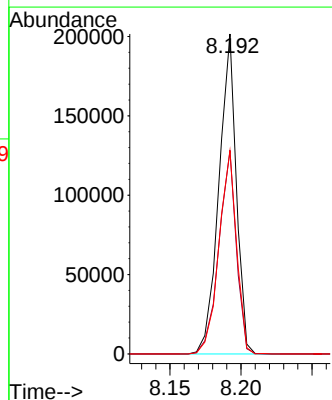
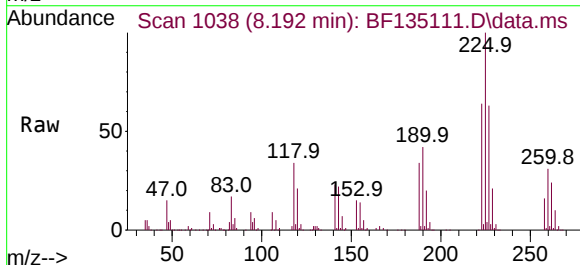
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

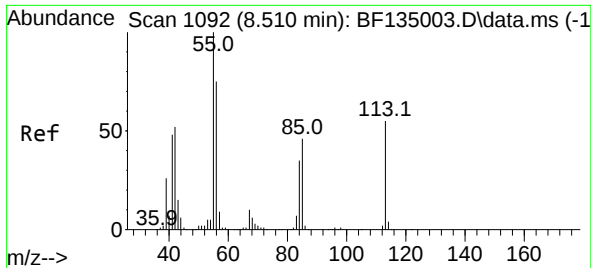
Tgt Ion:	127	Resp:	88112
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.6	38.4
65	31.3	23.1	34.7
92	18.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 48.370 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:	225	Resp:	171606
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.7	76.1
227	63.4	49.6	74.4

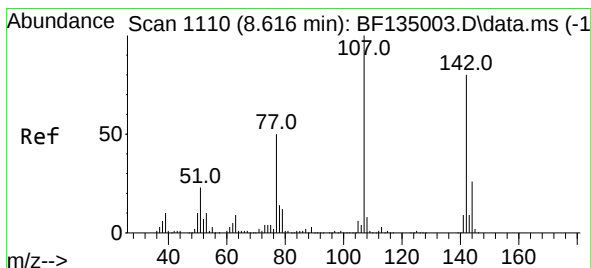
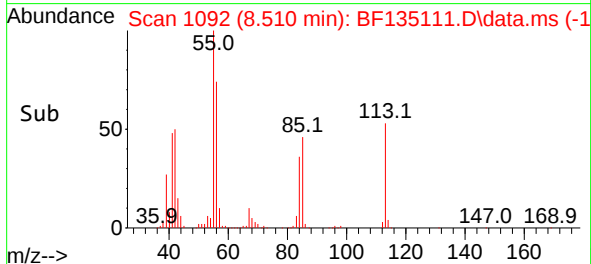
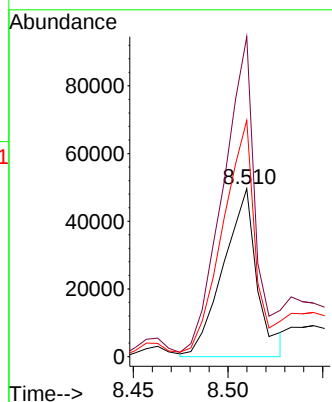
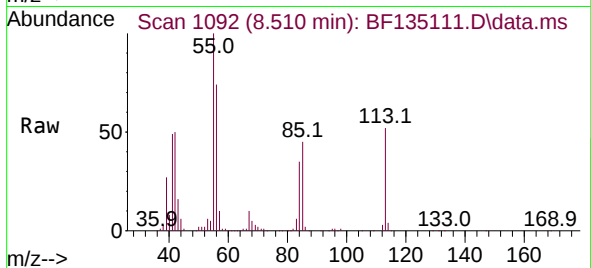




#35
 Caprolactam
 Concen: 32.420 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

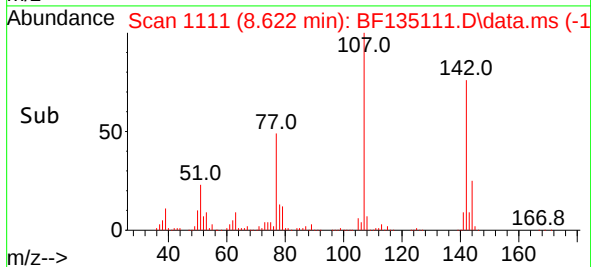
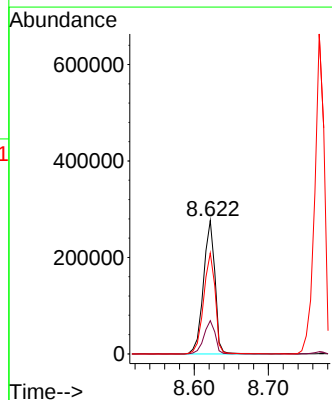
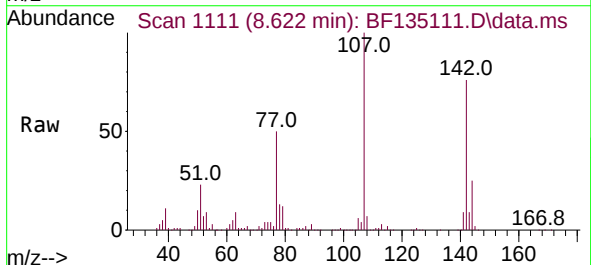
Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

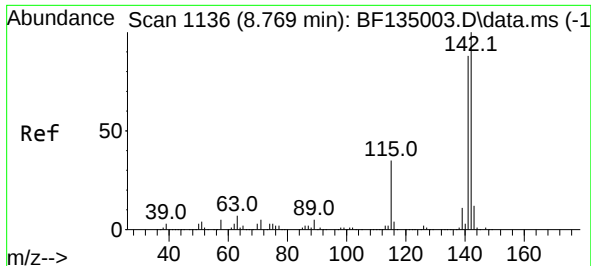
Tgt Ion:113 Resp: 61407
 Ion Ratio Lower Upper
 113 100
 55 190.5 160.6 200.6
 56 140.6 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.471 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

Tgt Ion:107 Resp: 298275
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.6 31.0
 142 75.7 64.4 96.6





#37

2-Methylnaphthalene

Concen: 43.268 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

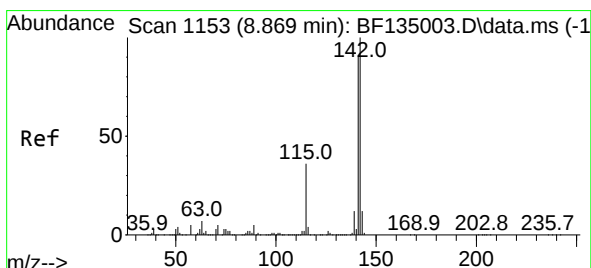
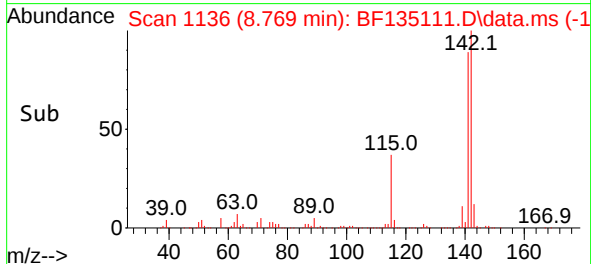
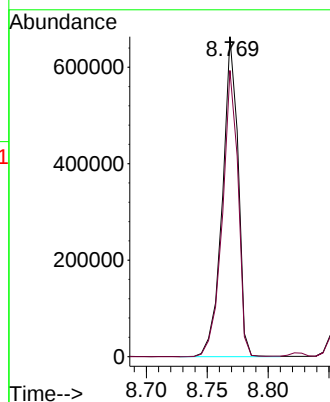
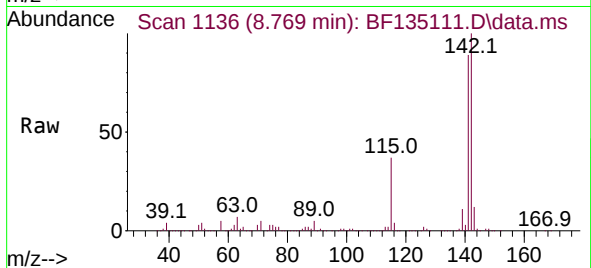
TP-01(6-7)MSD

Tgt Ion:142 Resp: 591035

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1



#38

1-Methylnaphthalene

Concen: 44.212 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF135111.D

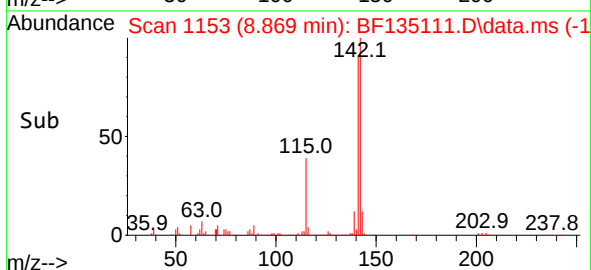
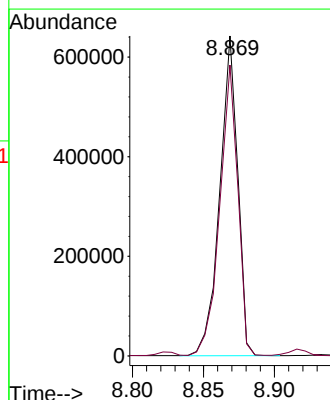
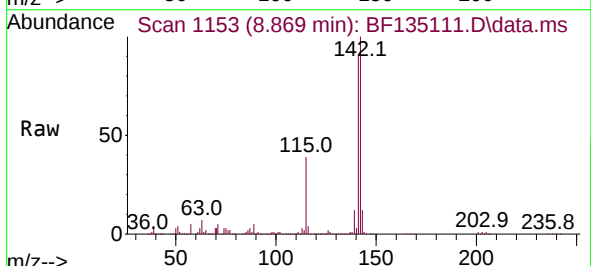
Acq: 06 Sep 2023 00:37

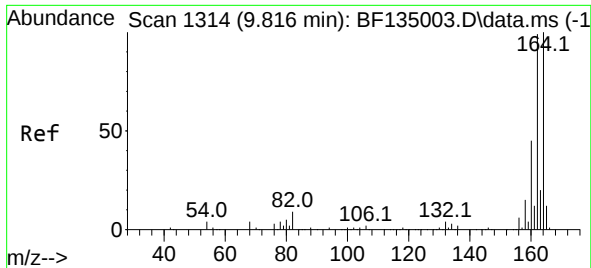
Tgt Ion:142 Resp: 565082

Ion Ratio Lower Upper

142 100

141 90.9 73.0 109.4

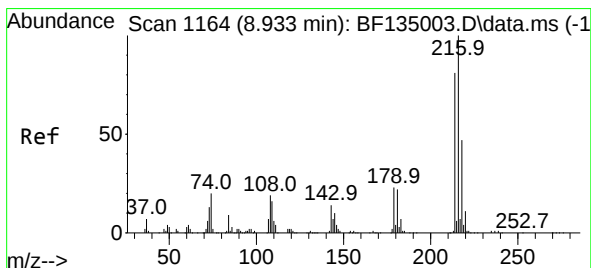
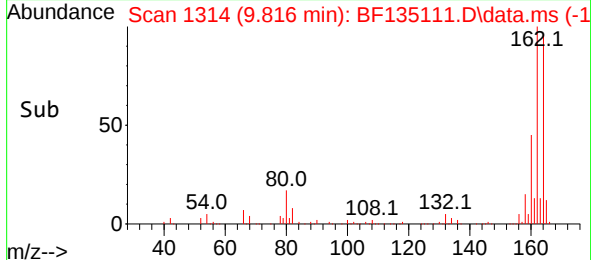
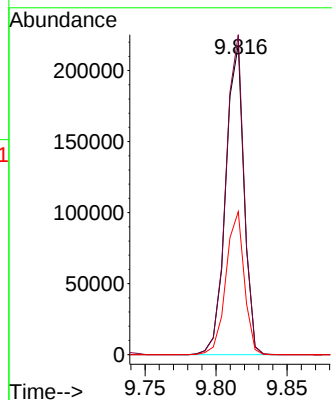
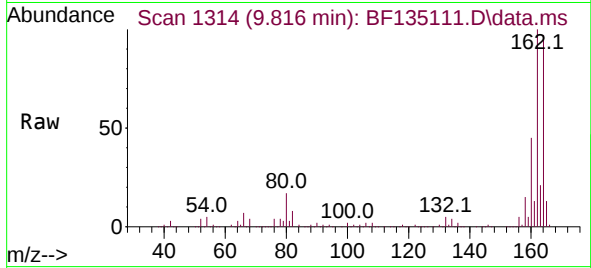




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

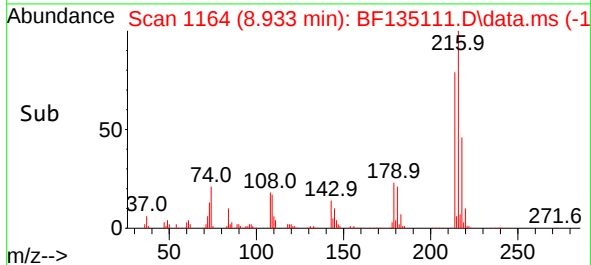
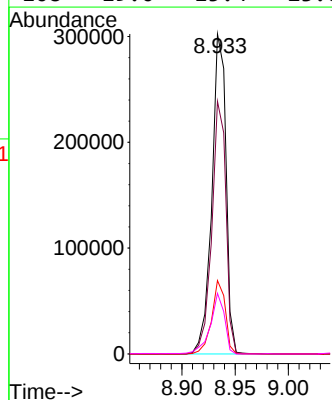
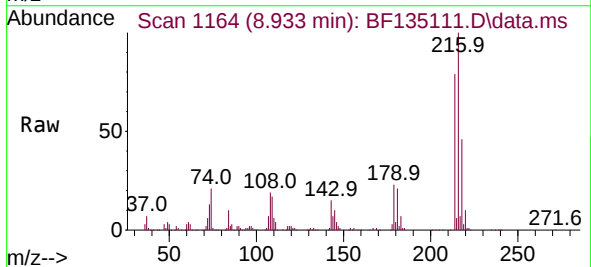
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

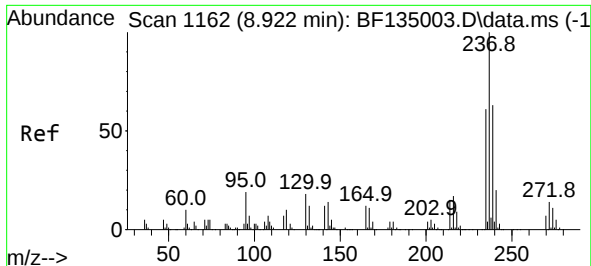
Tgt Ion:164 Resp: 196058
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 46.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.021 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:216 Resp: 280023
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 22.0 17.7 26.5
108 19.0 15.4 23.0

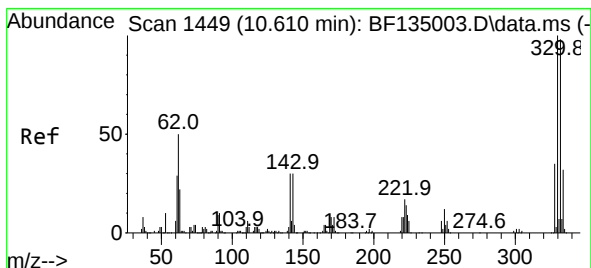
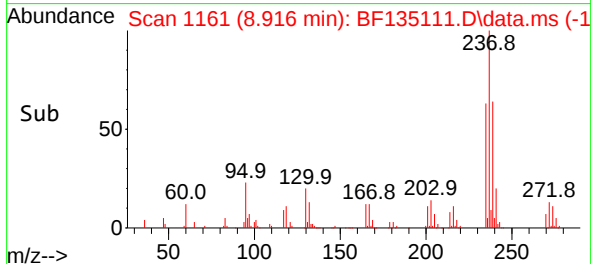
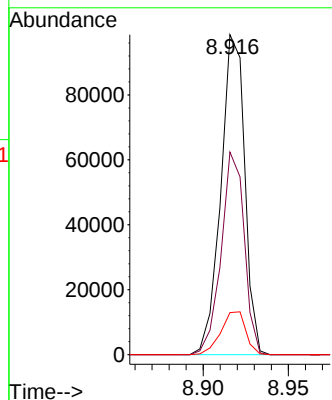
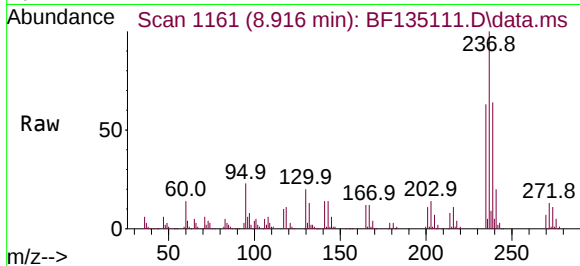




#41
Hexachlorocyclopentadiene
Concen: 41.100 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

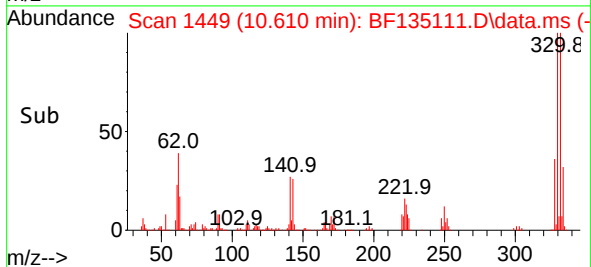
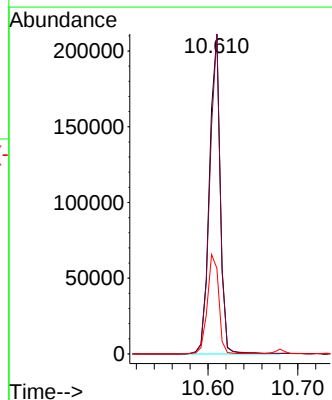
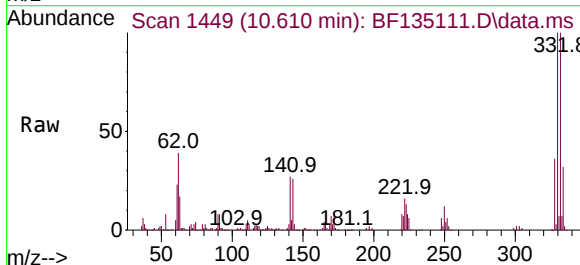
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

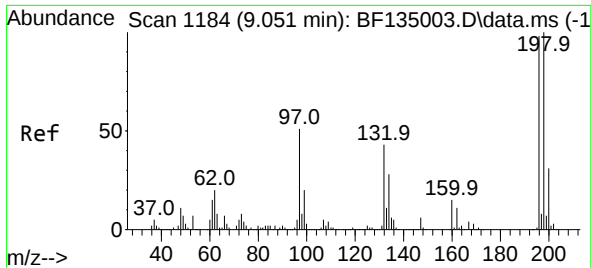
Tgt Ion:237 Resp: 96009
Ion Ratio Lower Upper
237 100
235 63.3 40.9 80.9
272 13.1 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 84.363 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:330 Resp: 175455
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 32.9 26.3 39.5

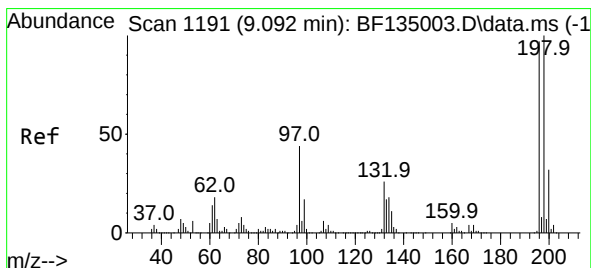
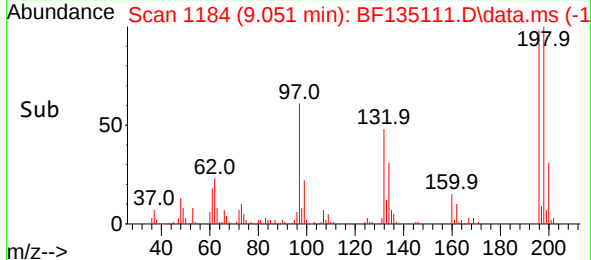
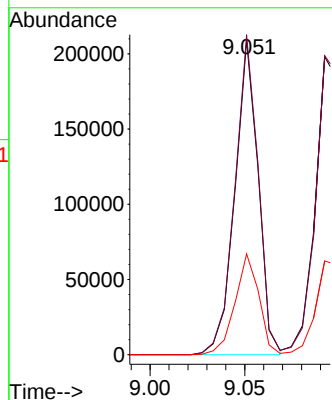
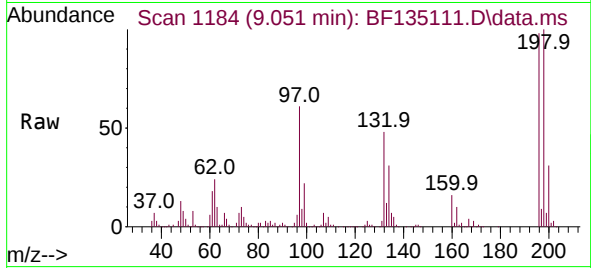




#43
 2,4,6-Trichlorophenol
 Concen: 48.363 ng
 RT: 9.051 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

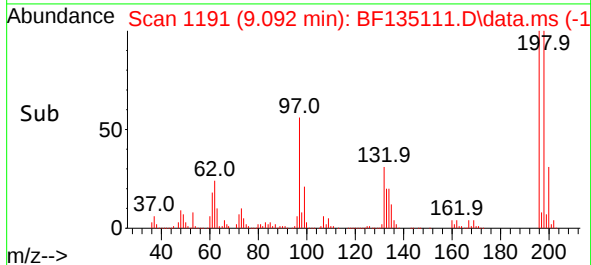
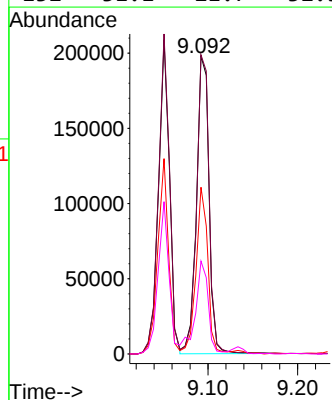
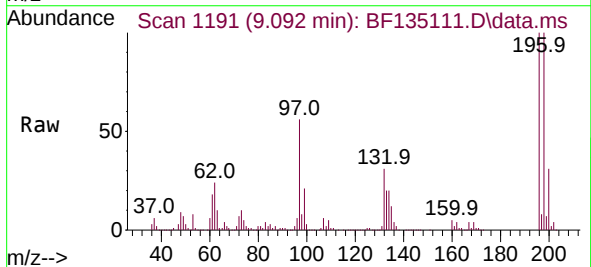
Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

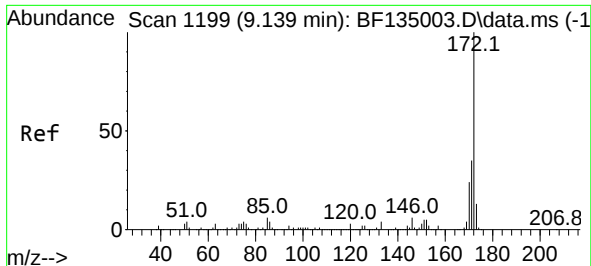
Tgt Ion:196 Resp: 178261
 Ion Ratio Lower Upper
 196 100
 198 101.9 81.8 122.6
 200 32.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.010 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

Tgt Ion:196 Resp: 192072
 Ion Ratio Lower Upper
 196 100
 198 100.4 82.8 124.2
 97 56.0 36.5 54.7#
 132 31.1 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 69.972 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

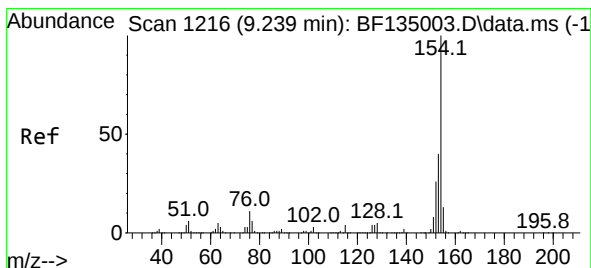
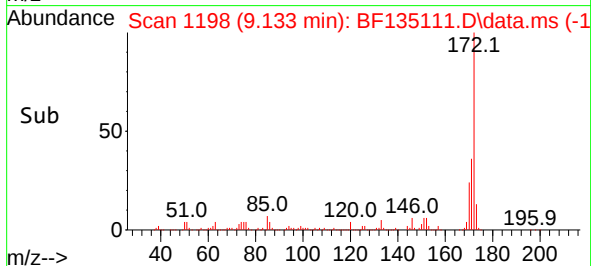
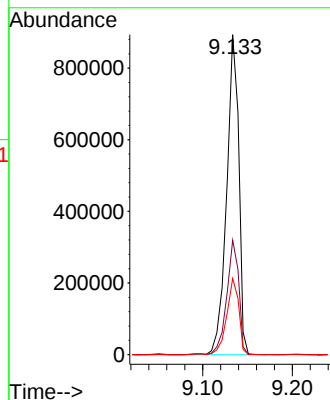
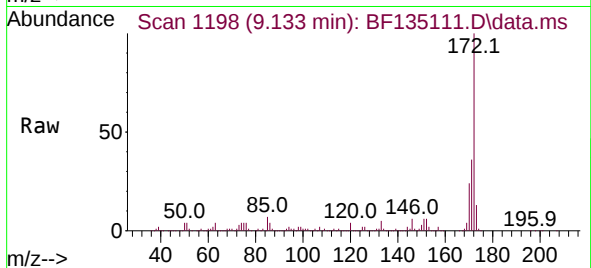
Tgt Ion:172 Resp: 842610

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.083 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

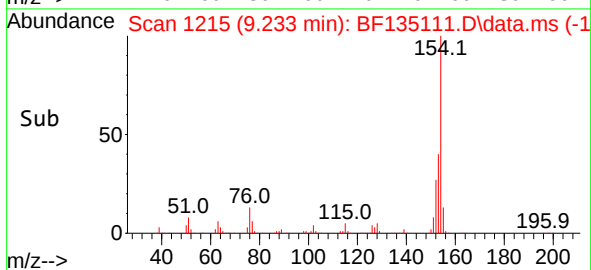
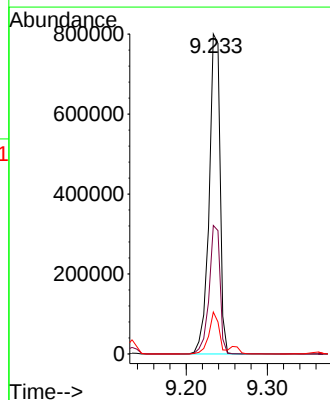
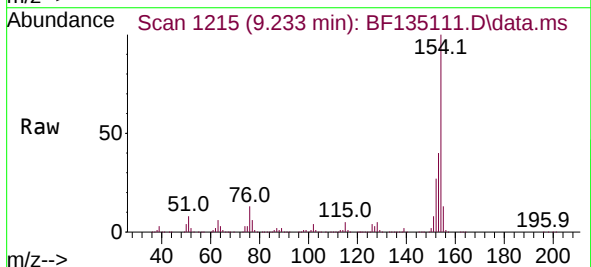
Tgt Ion:154 Resp: 750209

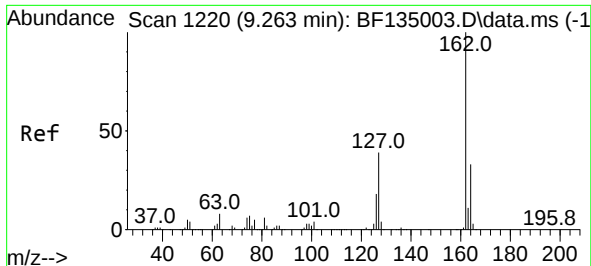
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 13.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.042 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

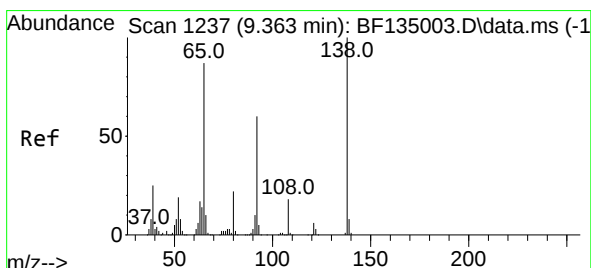
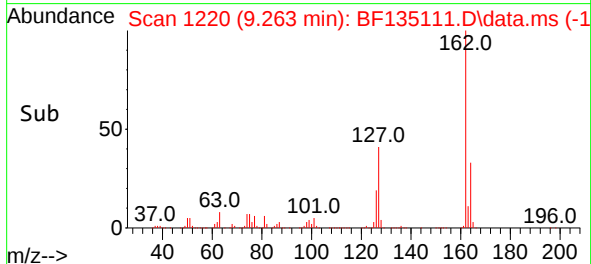
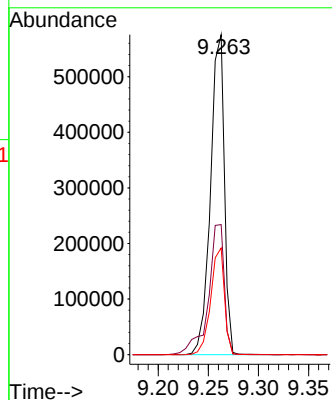
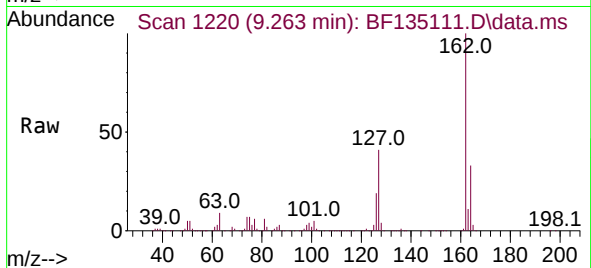
Tgt Ion:162 Resp: 552423

Ion Ratio Lower Upper

162 100

127 40.6 31.8 47.6

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 48.896 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

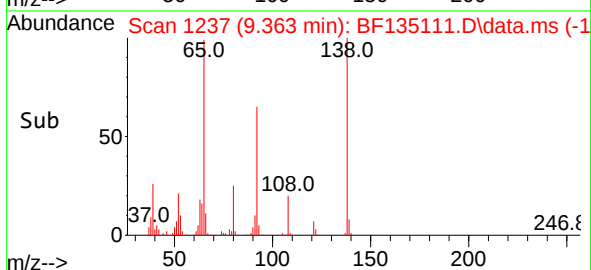
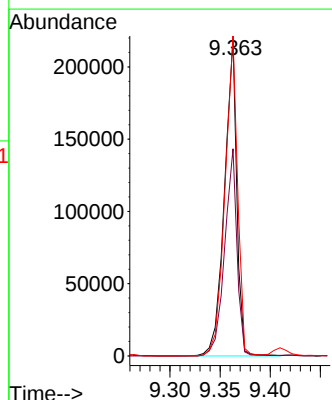
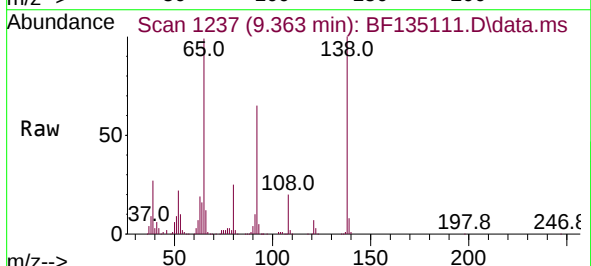
Tgt Ion: 65 Resp: 188543

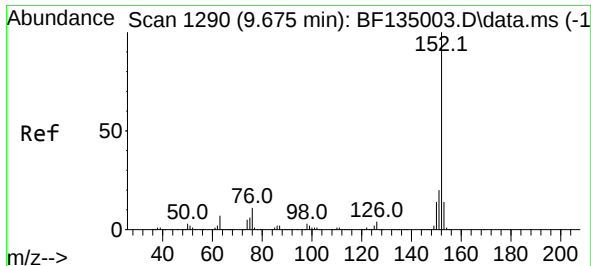
Ion Ratio Lower Upper

65 100

92 65.3 54.9 82.3

138 100.9 91.6 137.4

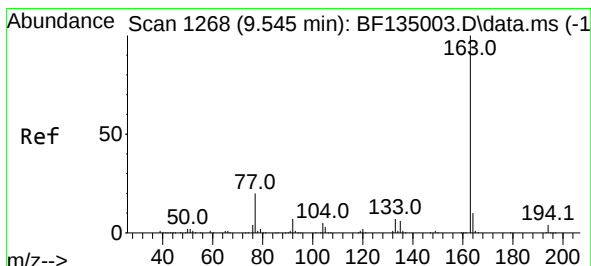
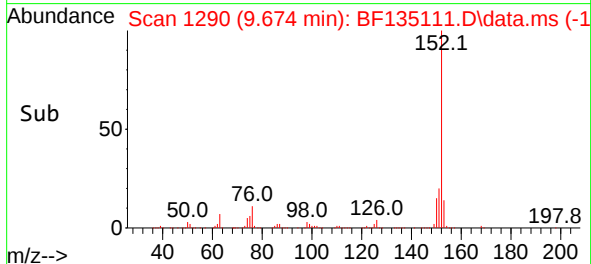
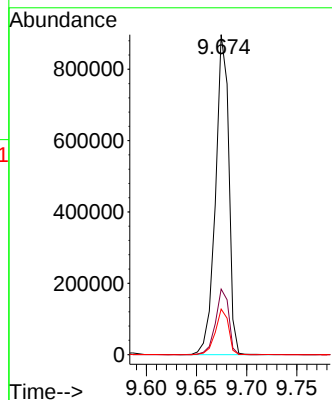
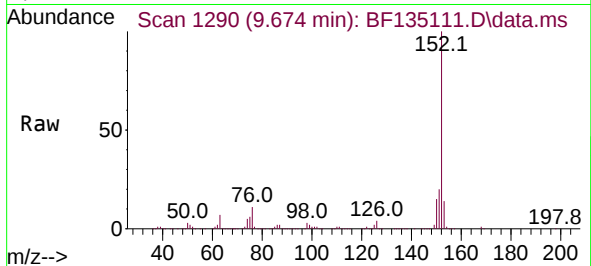




#49
Acenaphthylene
Concen: 48.612 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

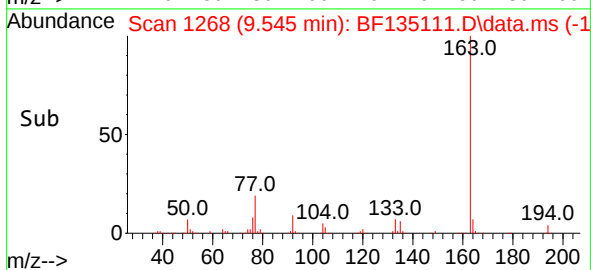
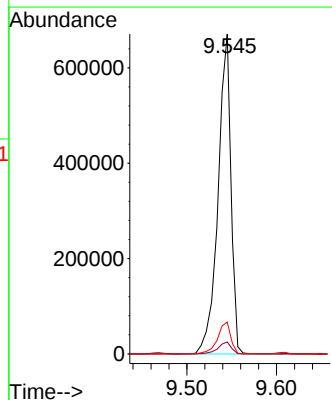
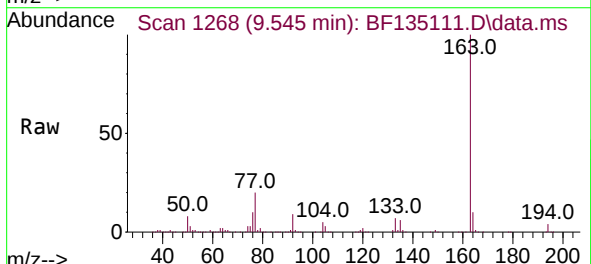
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

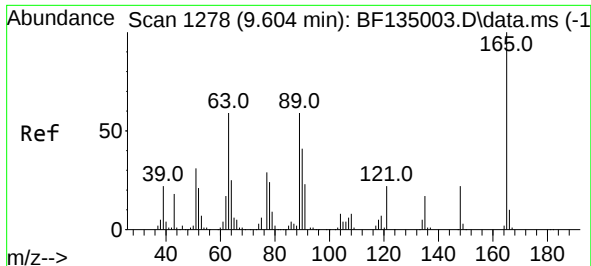
Tgt Ion:152 Resp: 827749
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 49.196 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:163 Resp: 675371
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.9 8.1 12.1

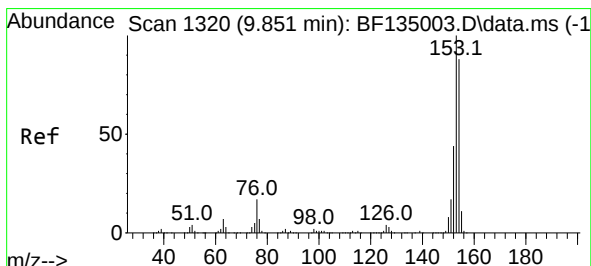
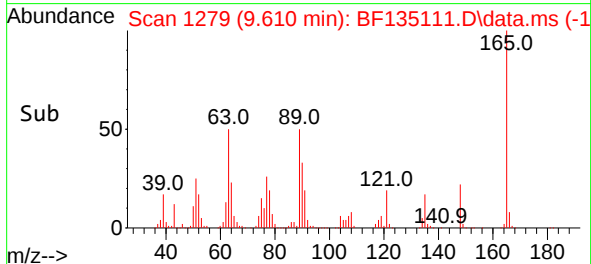
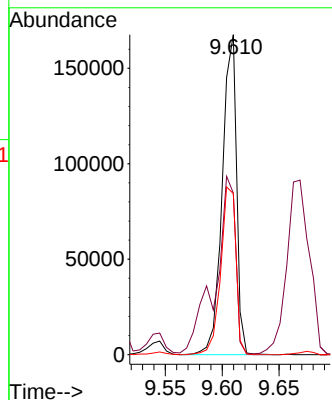
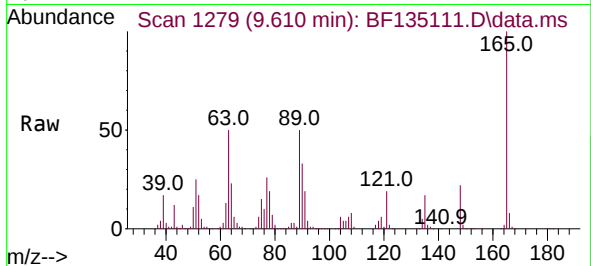




#51
2,6-Dinitrotoluene
Concen: 48.611 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

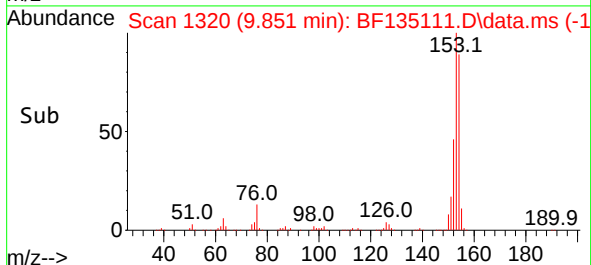
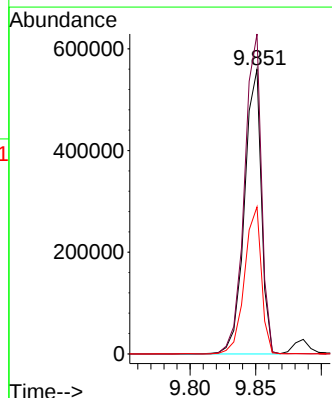
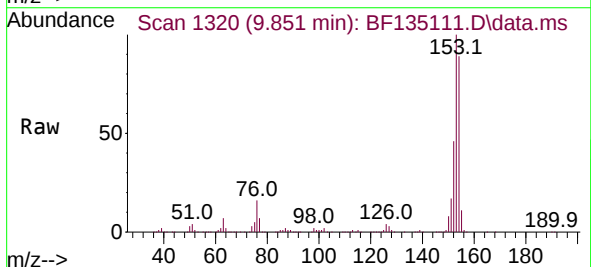
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

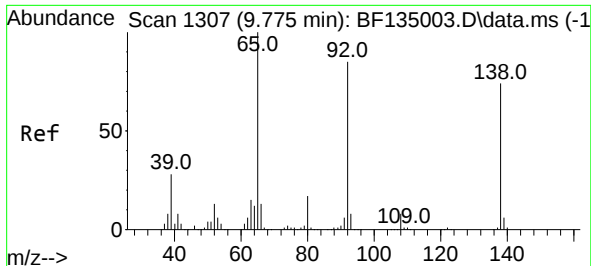
Tgt Ion:165 Resp: 146432
Ion Ratio Lower Upper
165 100
63 50.5 50.4 75.6
89 50.3 47.1 70.7



#52
Acenaphthene
Concen: 46.100 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:154 Resp: 500245
Ion Ratio Lower Upper
154 100
153 112.5 90.8 136.2
152 51.7 40.2 60.4

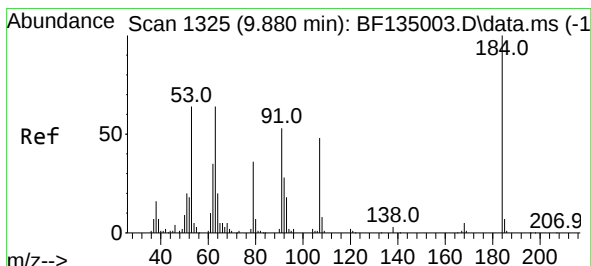
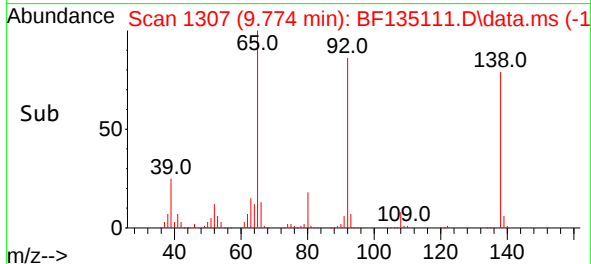
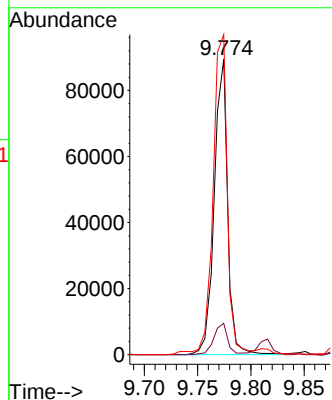
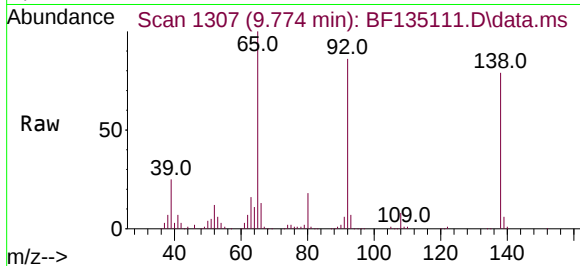




#53
3-Nitroaniline
Concen: 22.345 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

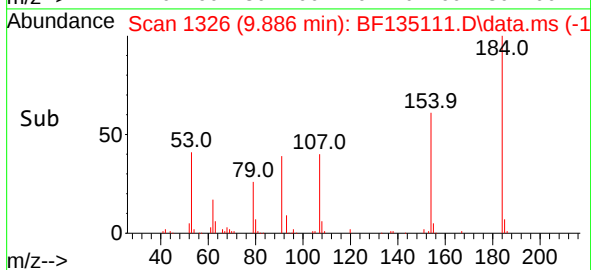
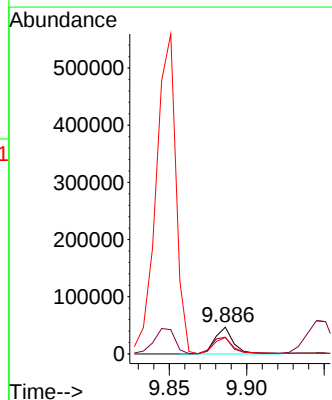
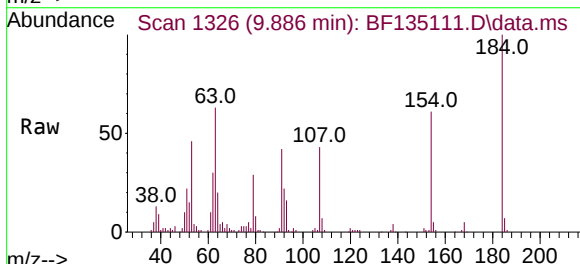
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

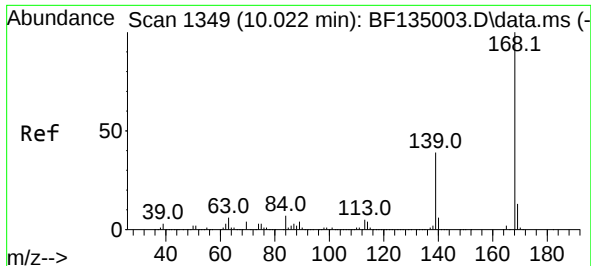
Tgt Ion:138 Resp: 78408
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 108.4 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 27.063 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:184 Resp: 38962
Ion Ratio Lower Upper
184 100
63 62.8 62.2 93.2
154 61.4 52.3 78.5

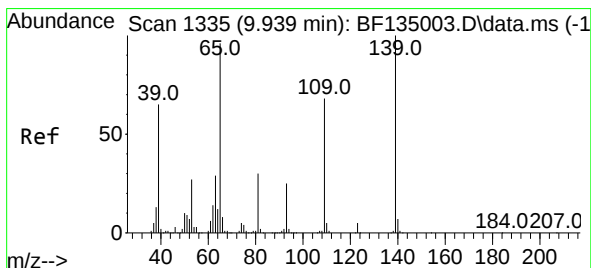
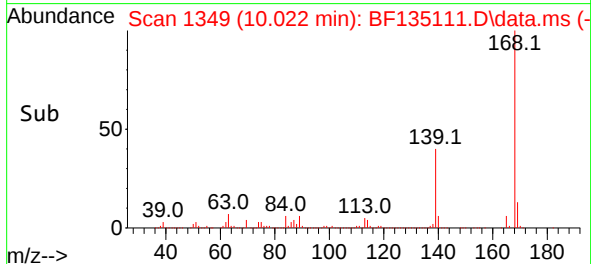
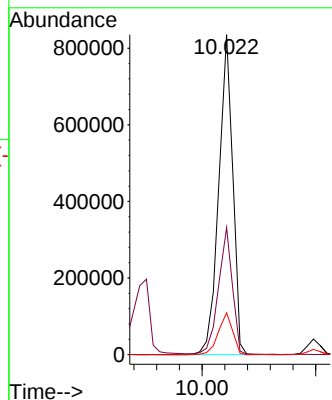
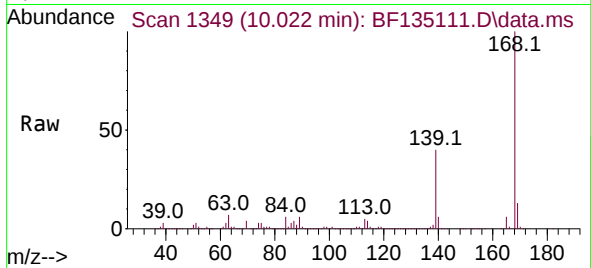




#55
Dibenzofuran
Concen: 45.574 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

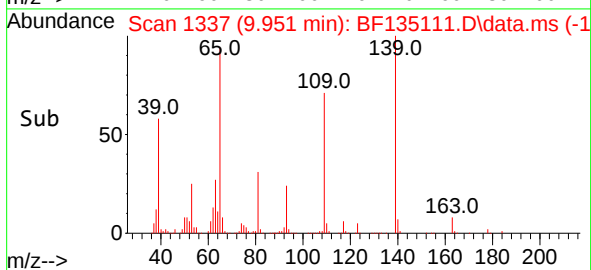
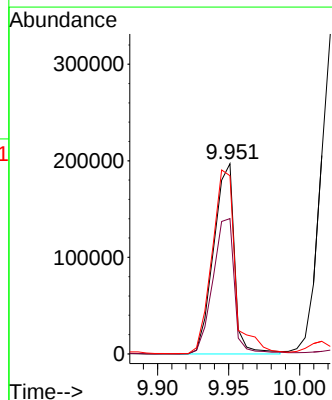
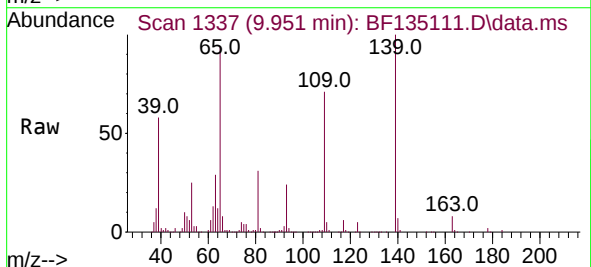
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

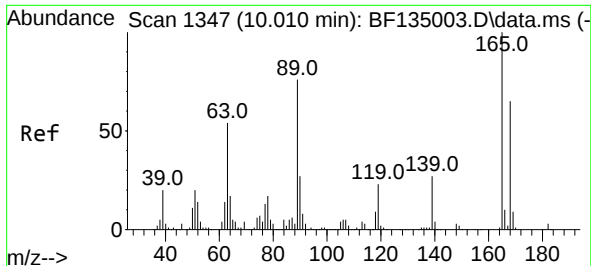
Tgt Ion:168 Resp: 713382
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 81.510 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:139 Resp: 201051
Ion Ratio Lower Upper
139 100
109 71.2 47.7 87.7
65 93.7 75.9 115.9

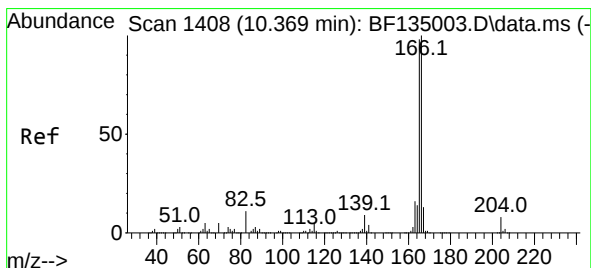
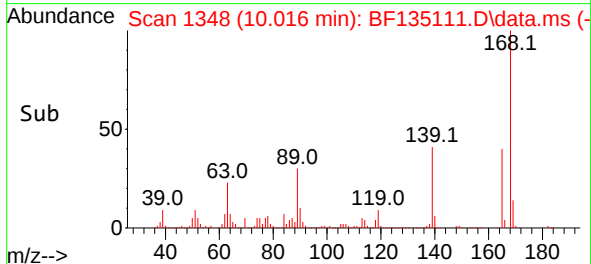
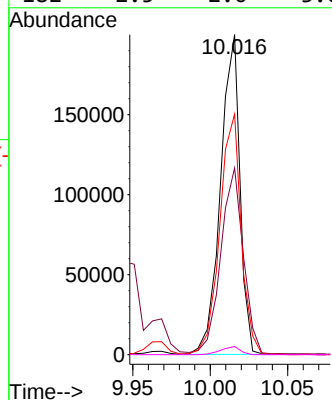
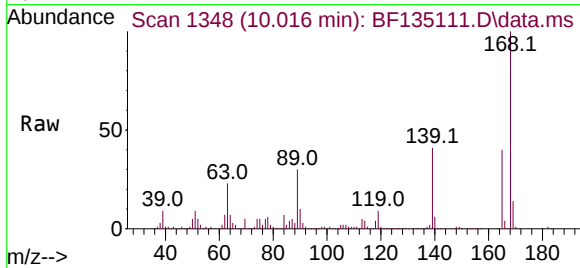




#57
2,4-Dinitrotoluene
Concen: 46.219 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

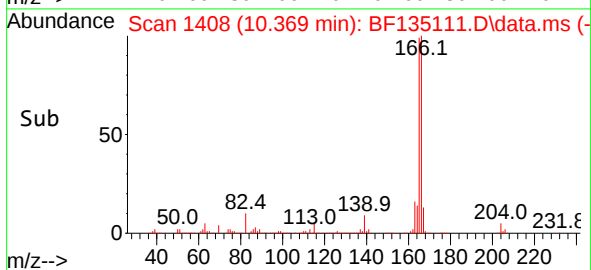
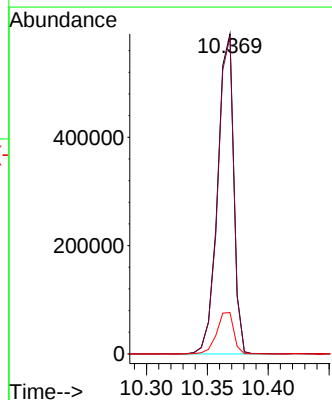
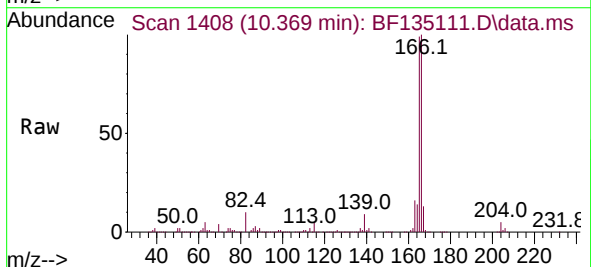
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

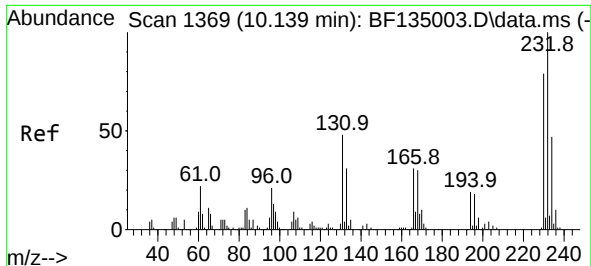
Tgt Ion:165 Resp: 173507
Ion Ratio Lower Upper
165 100
63 58.3 43.2 64.8
89 75.2 60.8 91.2
182 2.5 2.0 3.0



#58
Fluorene
Concen: 45.516 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:166 Resp: 543173
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 12.9 10.8 16.2

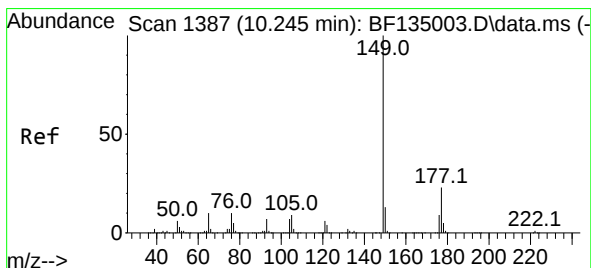
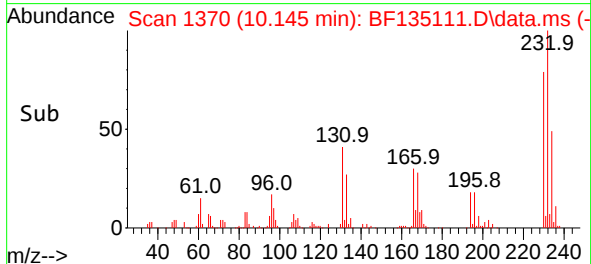
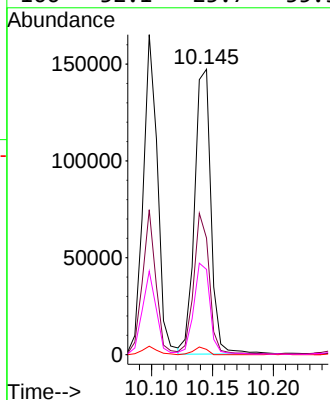
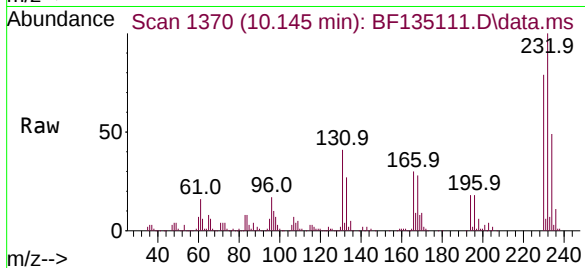




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.771 ng
RT: 10.145 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

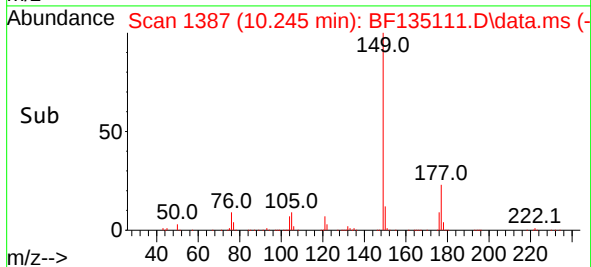
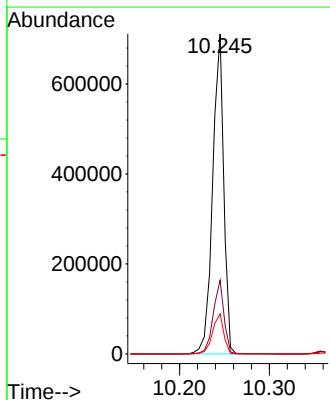
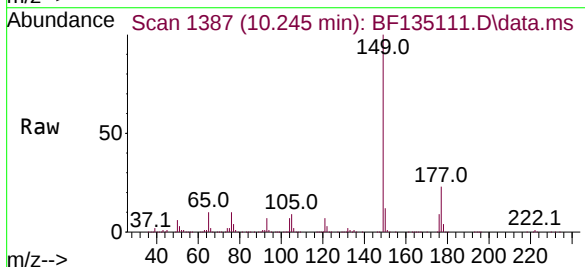
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

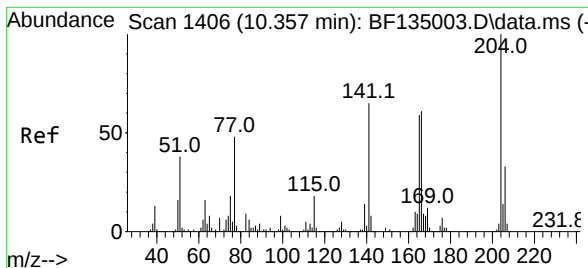
Tgt Ion:232 Resp: 137259
Ion Ratio Lower Upper
232 100
131 46.9 35.3 52.9
130 2.2 1.7 2.5
166 32.1 23.7 35.5



#60
Diethylphthalate
Concen: 47.581 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:149 Resp: 614884
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.5 10.1 15.1

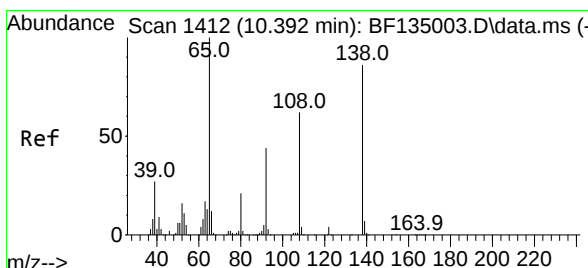
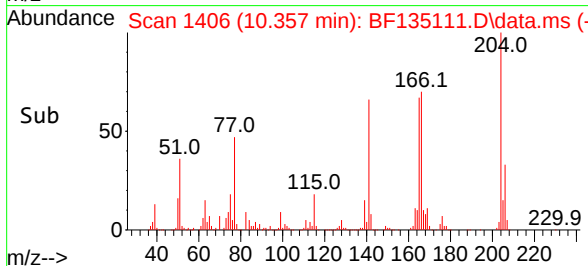
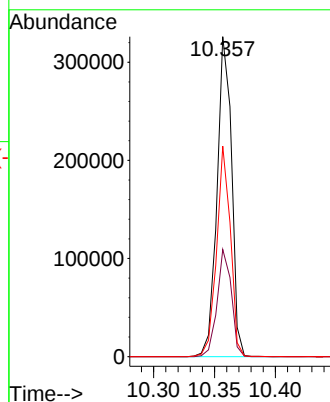
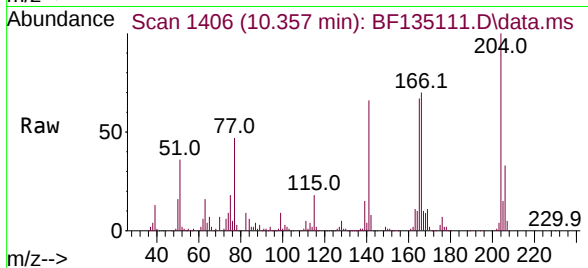




#61
4-Chlorophenyl-phenylether
Concen: 45.937 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

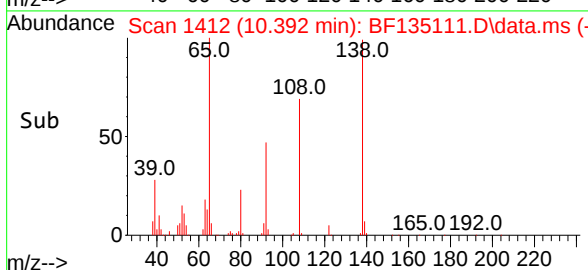
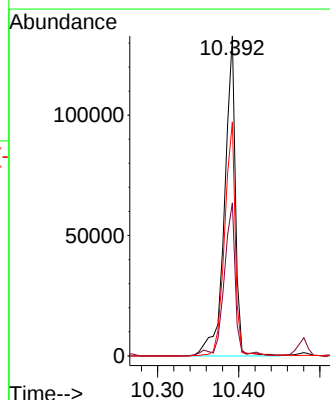
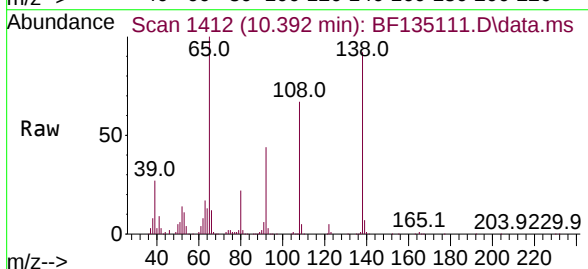
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

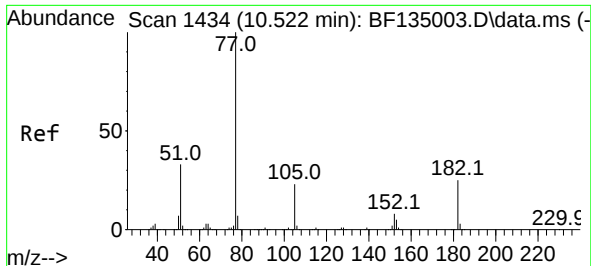
Tgt Ion:204 Resp: 271158
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 65.8 51.8 77.6



#62
4-Nitroaniline
Concen: 35.918 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:138 Resp: 123323
Ion Ratio Lower Upper
138 100
92 47.8 30.7 70.7
108 73.1 51.7 91.7

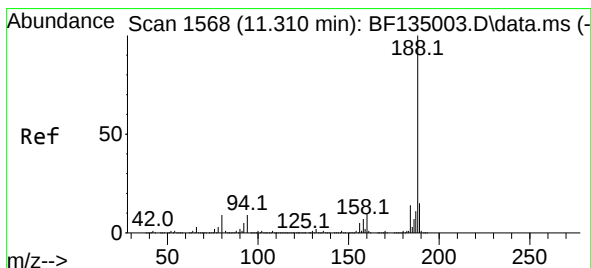
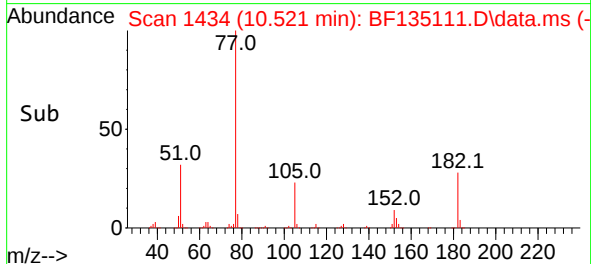
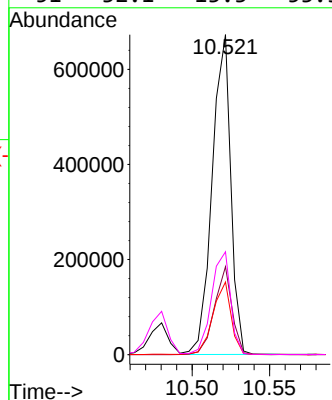
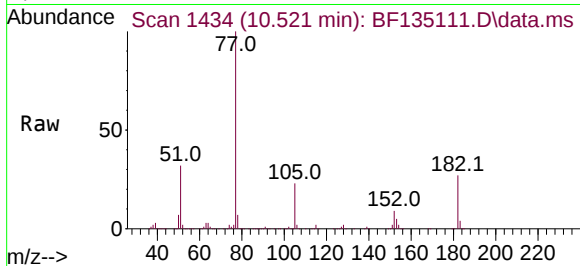




#63
Azobenzene
Concen: 43.269 ng
RT: 10.521 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

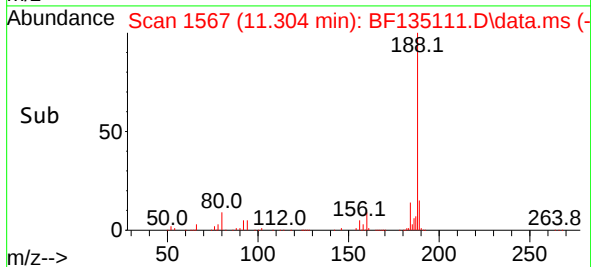
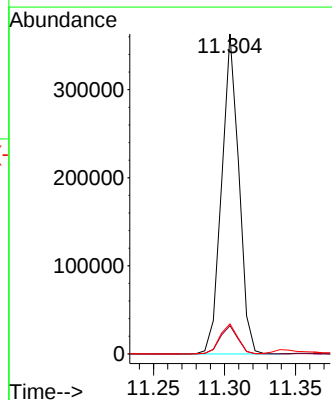
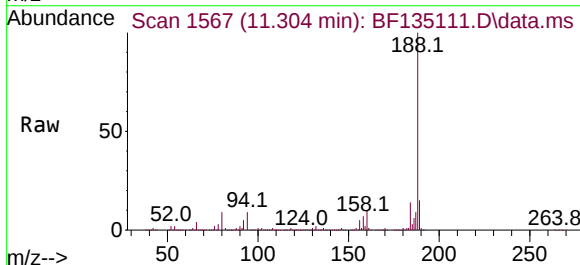
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

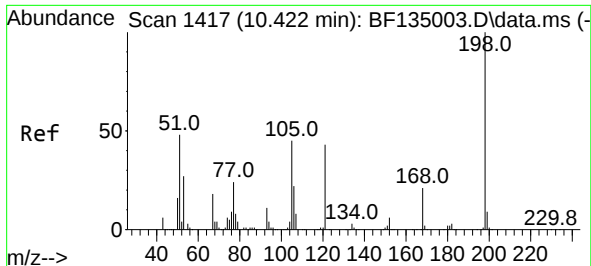
Tgt Ion: 77	Resp: 563028
Ion Ratio	Lower Upper
77 100	
182 27.5	4.9 44.9
105 22.7	2.7 42.7
51 32.1	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:188	Resp: 306257
Ion Ratio	Lower Upper
188 100	
94 8.8	7.0 10.4
80 9.4	7.4 11.2

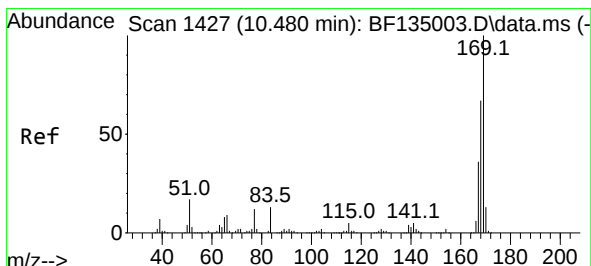
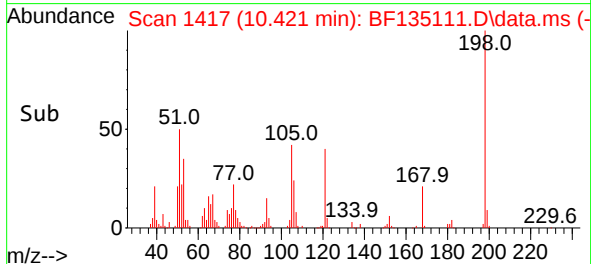
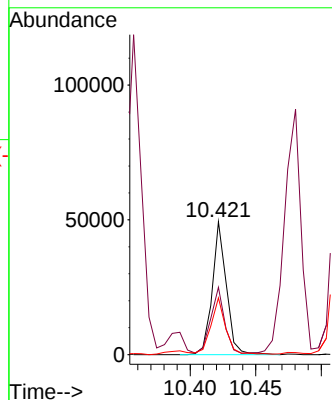
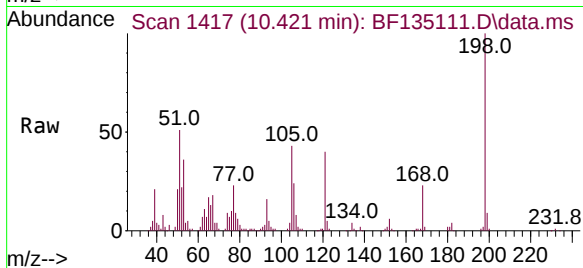




#65
4,6-Dinitro-2-methylphenol
Concen: 19.934 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

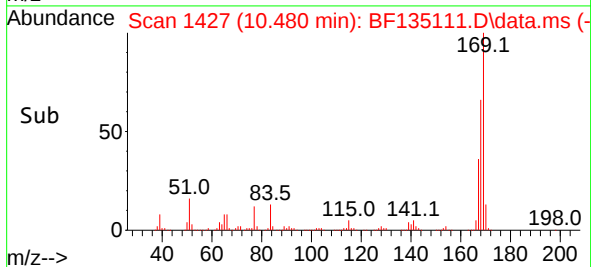
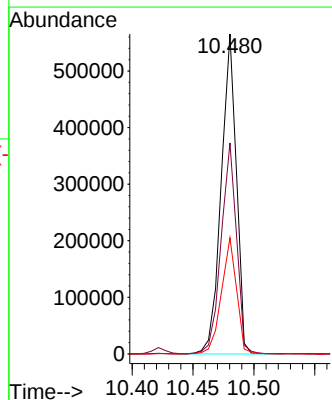
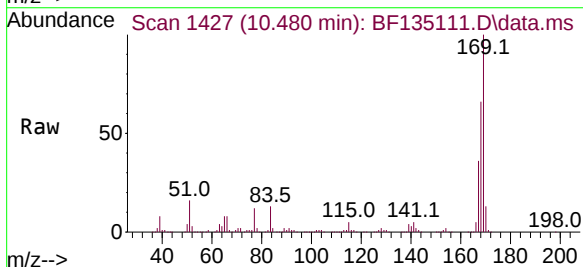
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

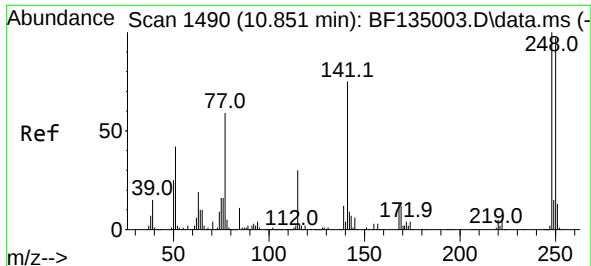
Tgt Ion:198 Resp: 36949
Ion Ratio Lower Upper
198 100
51 50.7 35.7 75.7
105 42.7 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 51.449 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:169 Resp: 489927
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.3 29.0 43.4

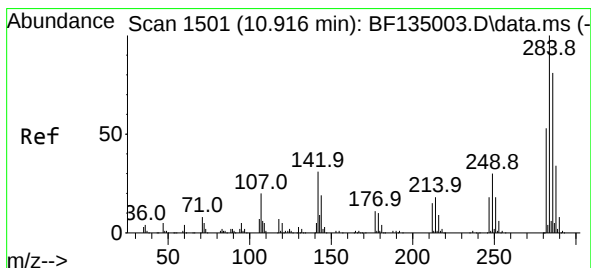
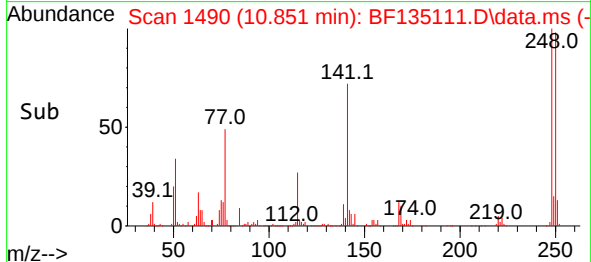
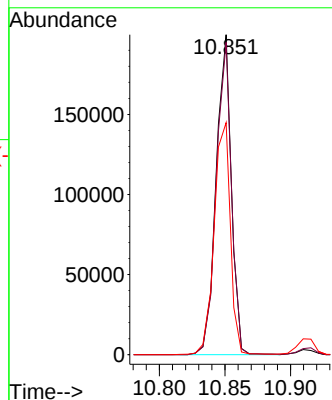
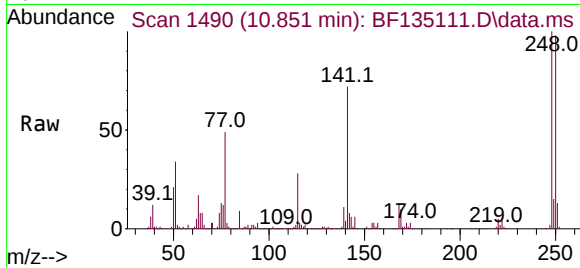




#67
4-Bromophenyl-phenylether
Concen: 49.711 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

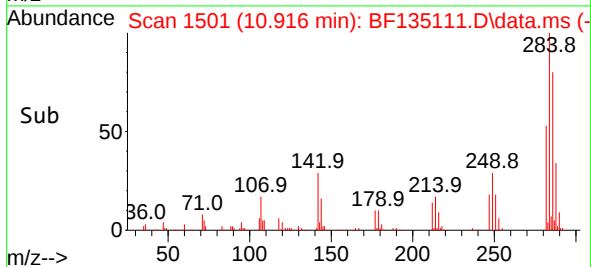
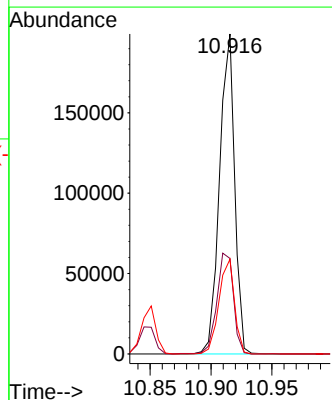
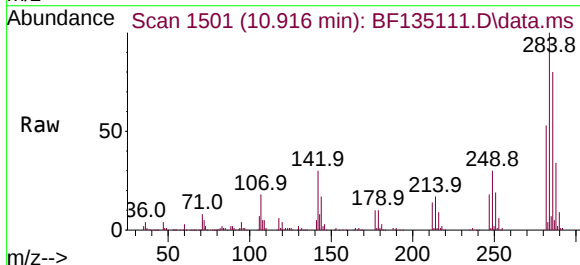
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

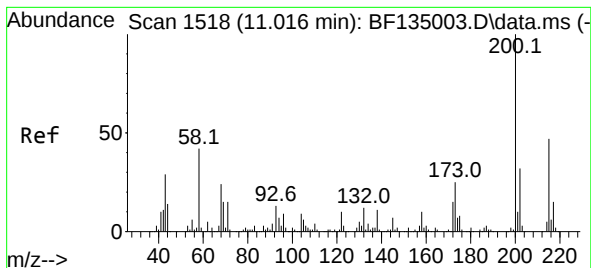
Tgt Ion:248 Resp: 161476
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 72.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 51.041 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:284 Resp: 171436
Ion Ratio Lower Upper
284 100
142 29.8 25.1 37.7
249 29.6 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

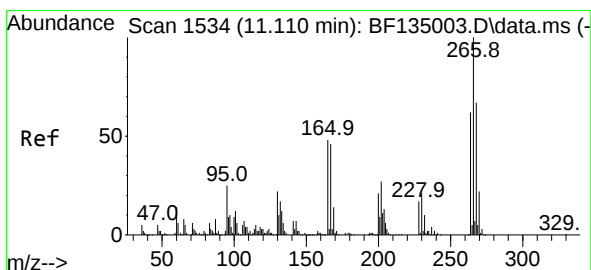
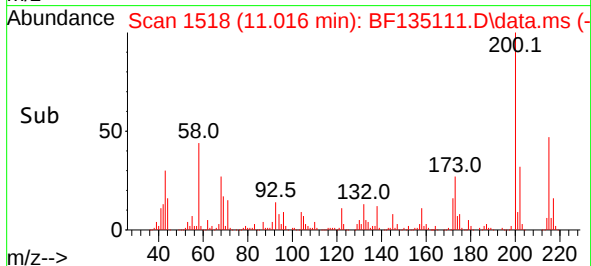
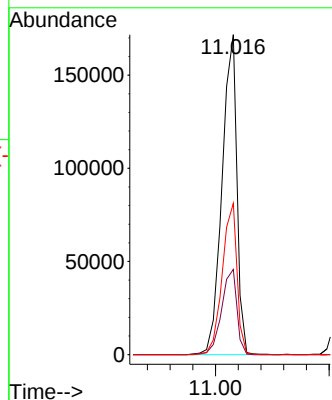
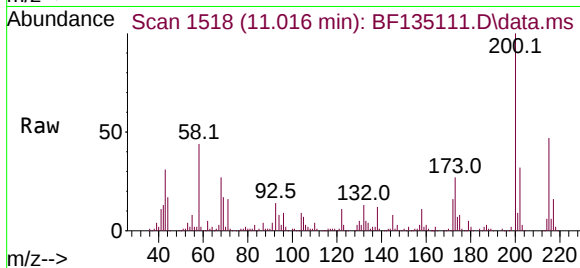
Tgt Ion:200 Resp: 155427

Ion Ratio Lower Upper

200 100

173 26.6 5.0 45.0

215 47.3 26.9 66.9



#70

Pentachlorophenol

Concen: 70.479 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

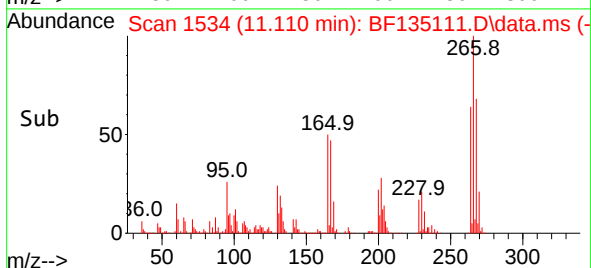
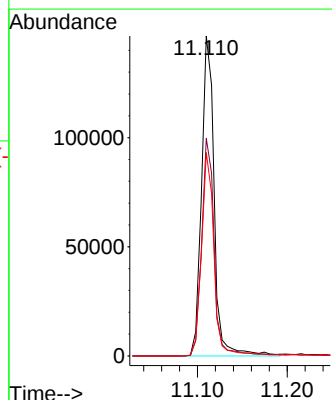
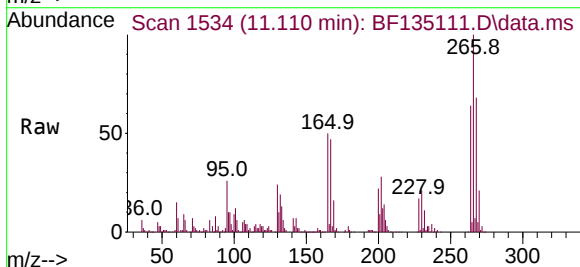
Tgt Ion:266 Resp: 143218

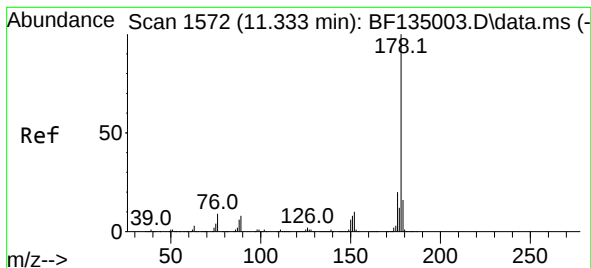
Ion Ratio Lower Upper

266 100

268 68.0 53.3 79.9

264 63.5 49.3 73.9





#71

Phenanthrene

Concen: 47.482 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

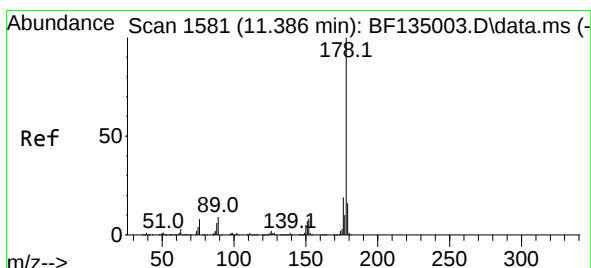
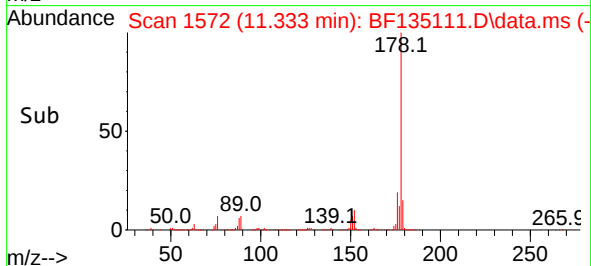
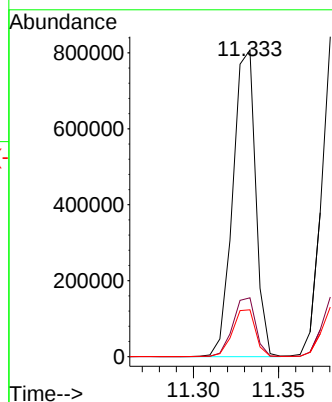
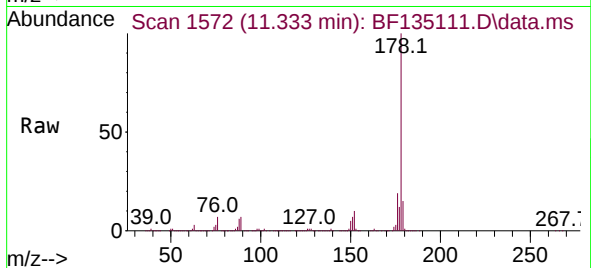
Tgt Ion:178 Resp: 750211

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.802 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

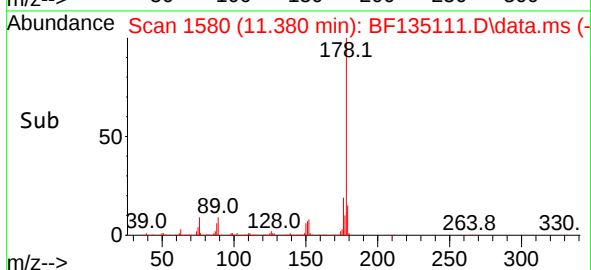
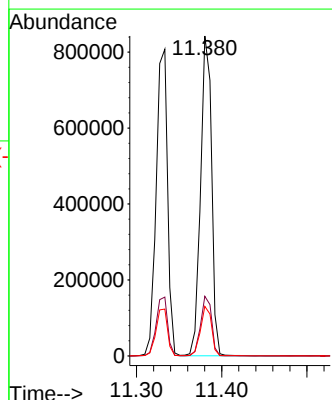
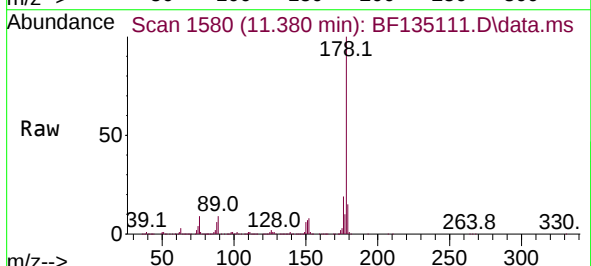
Tgt Ion:178 Resp: 755526

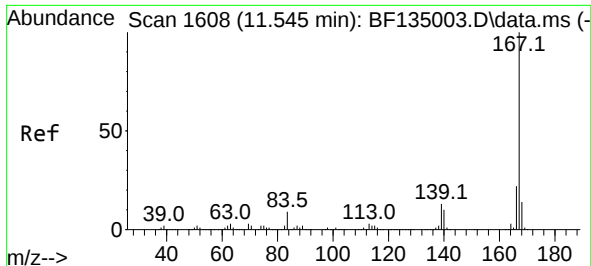
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

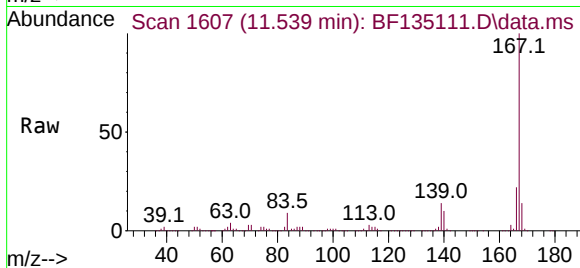
179 15.5 12.8 19.2



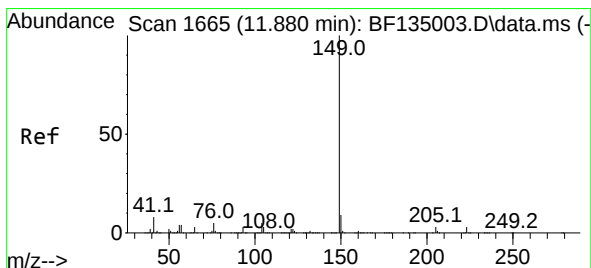
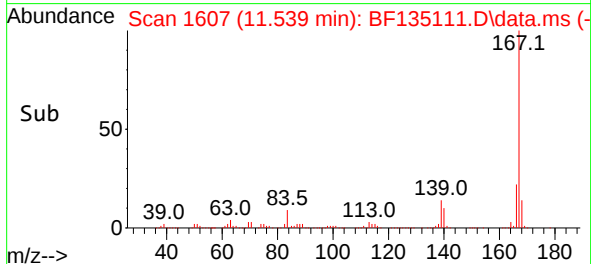
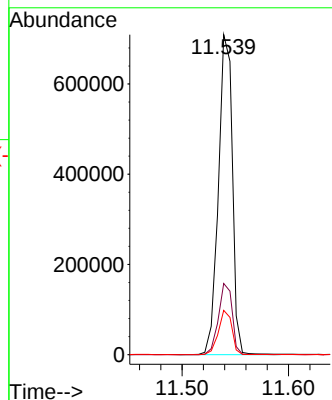


#73
 Carbazole
 Concen: 46.555 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)MSD

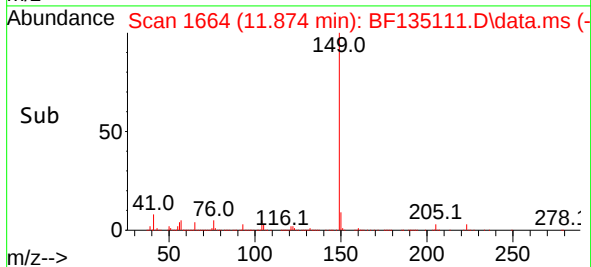
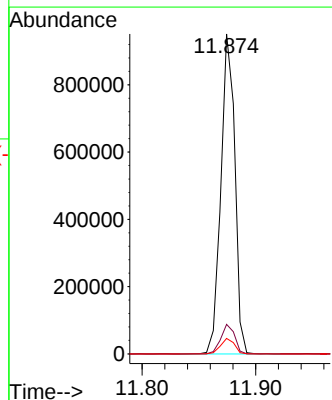
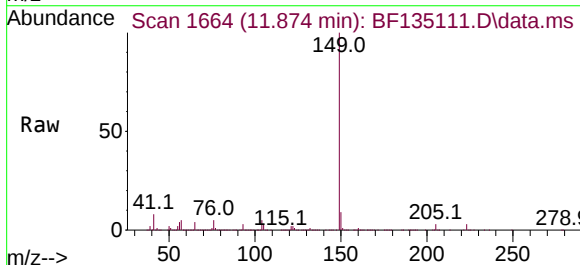


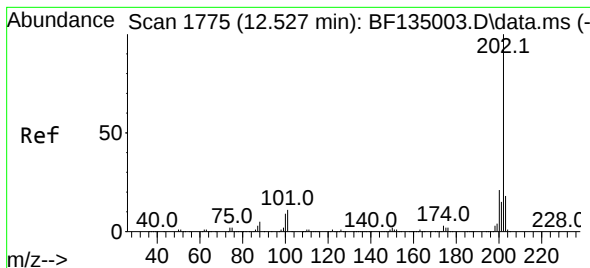
Tgt Ion:167 Resp: 648206
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.229 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF135111.D
 Acq: 06 Sep 2023 00:37

Tgt Ion:149 Resp: 809488
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 44.234 ng

RT: 12.527 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

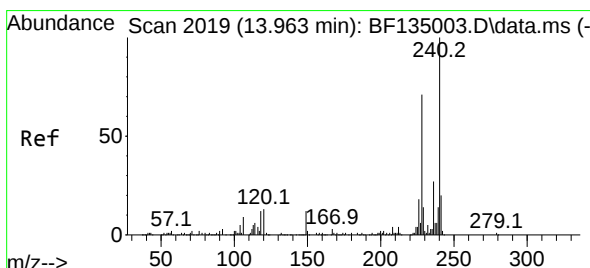
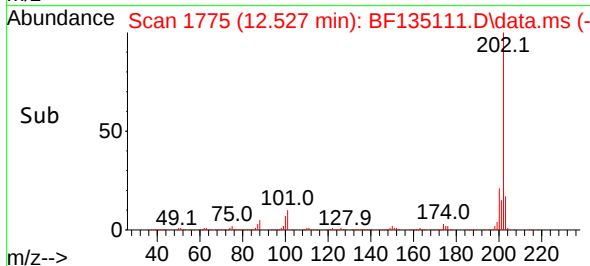
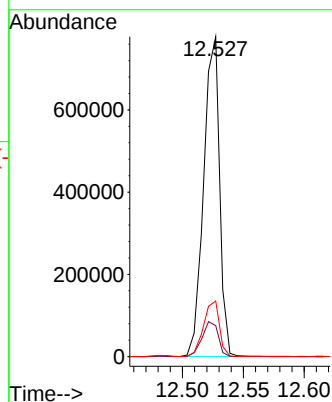
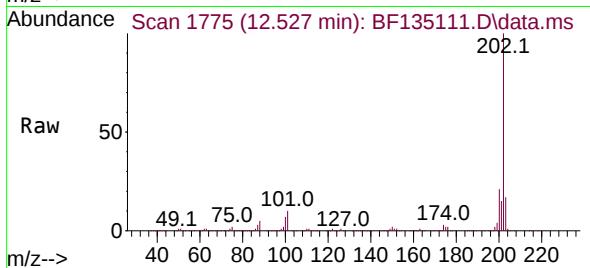
Tgt Ion:202 Resp: 706611

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.5

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

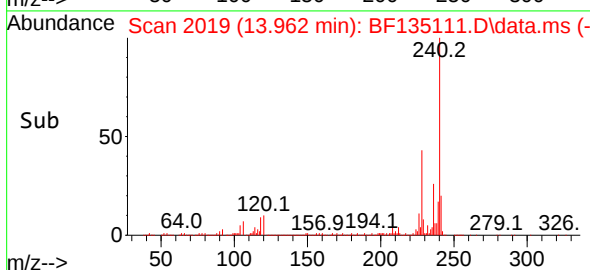
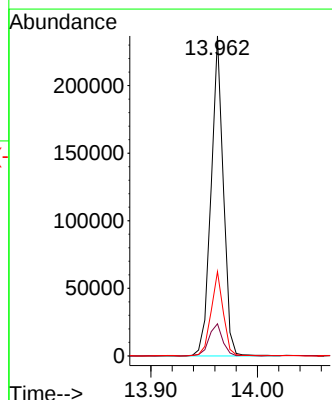
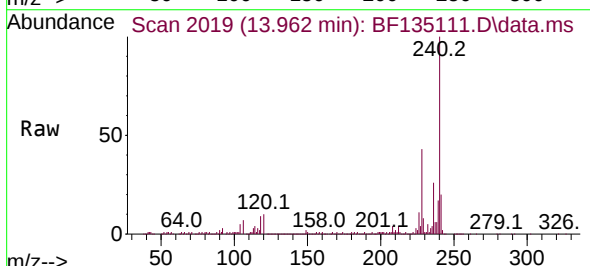
Tgt Ion:240 Resp: 189094

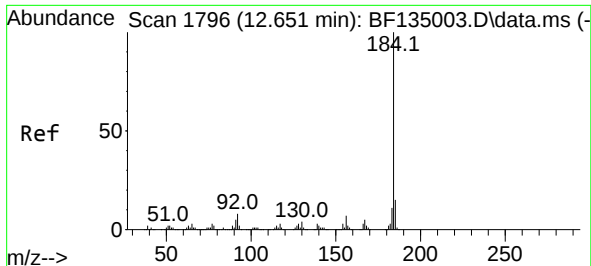
Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.2#

236 26.3 21.3 31.9

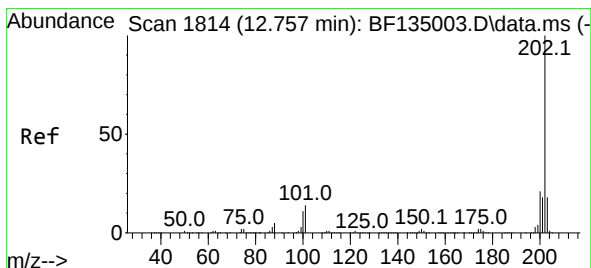
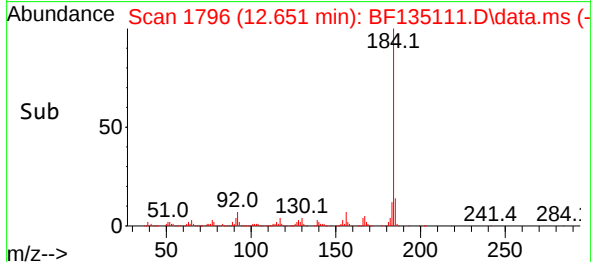
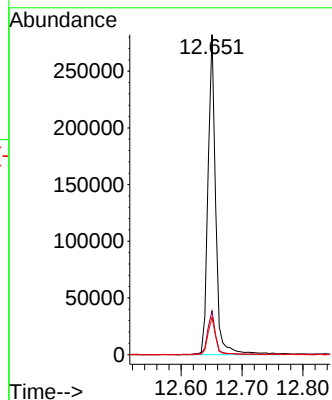
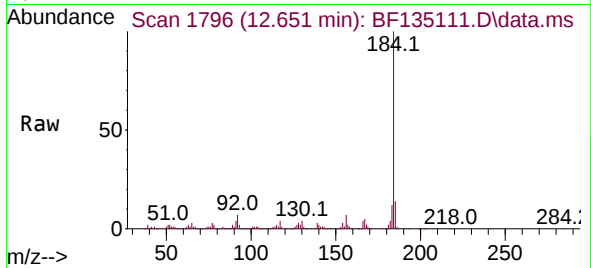




#77
Benzidine
Concen: 72.228 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

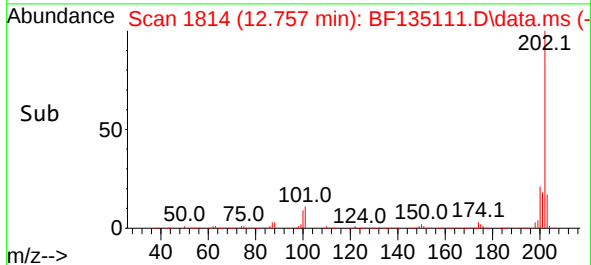
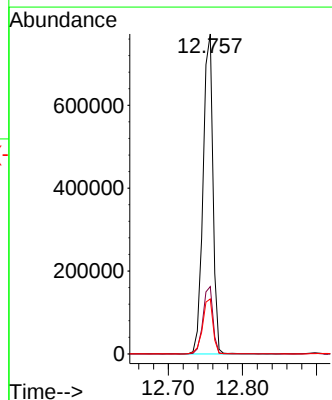
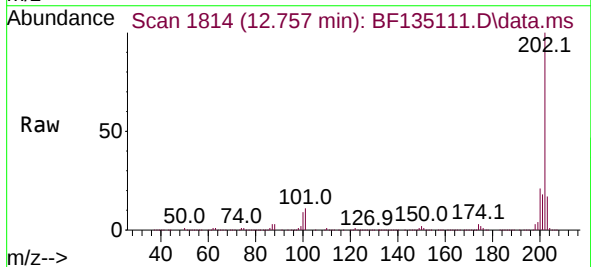
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

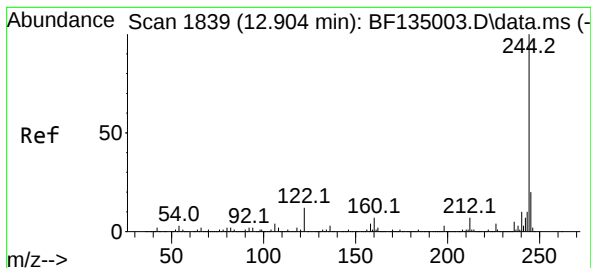
Tgt Ion:184 Resp: 246203
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.6 9.0 13.6



#78
Pyrene
Concen: 39.813 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:202 Resp: 714787
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 60.781 ng

RT: 12.898 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF135111.D

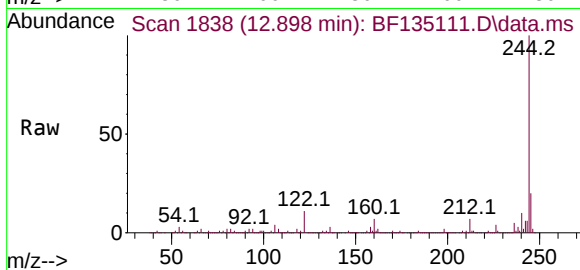
Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD



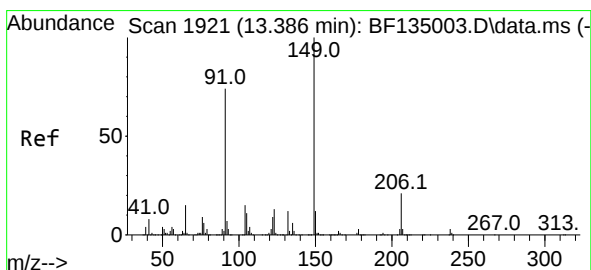
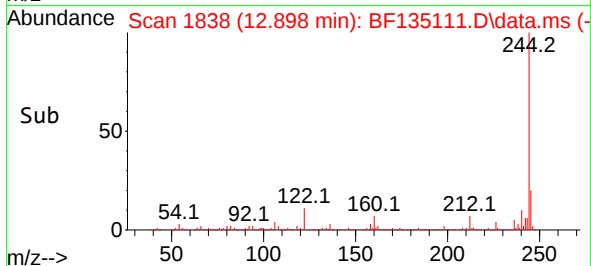
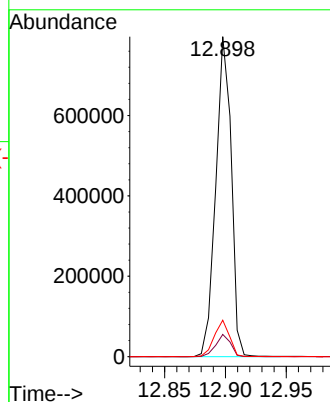
Tgt Ion:244 Resp: 704296

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.4 9.8 14.6



#80

Butylbenzylphthalate

Concen: 45.229 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

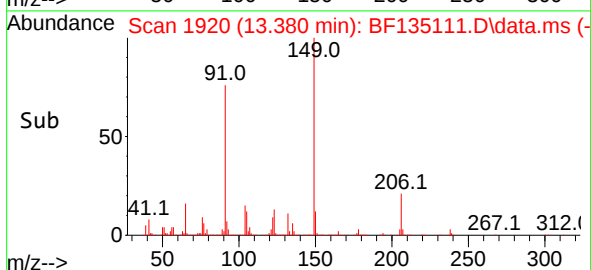
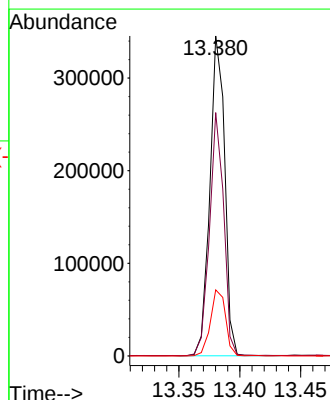
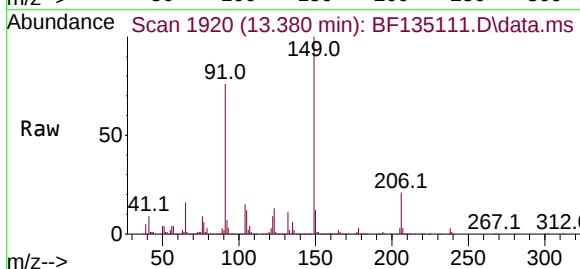
Tgt Ion:149 Resp: 293350

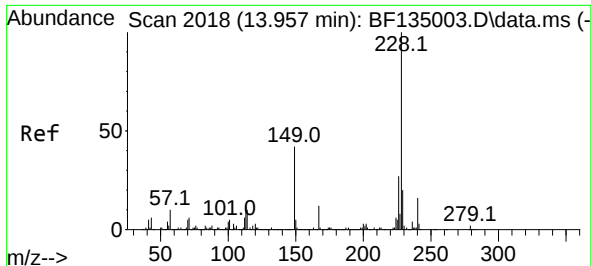
Ion Ratio Lower Upper

149 100

91 76.0 59.0 88.6

206 20.7 16.7 25.1

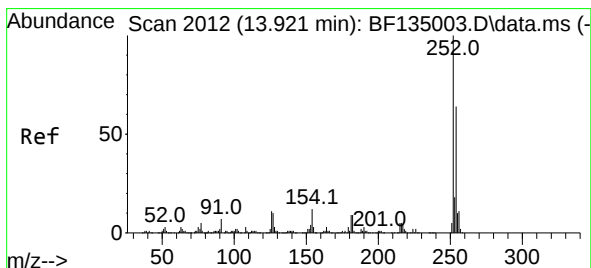
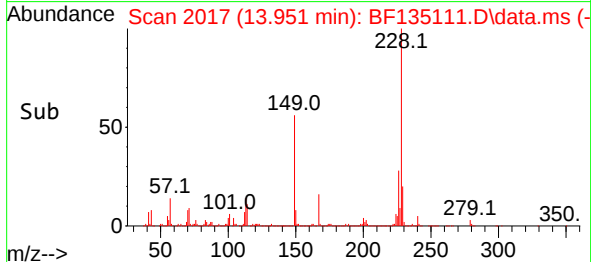
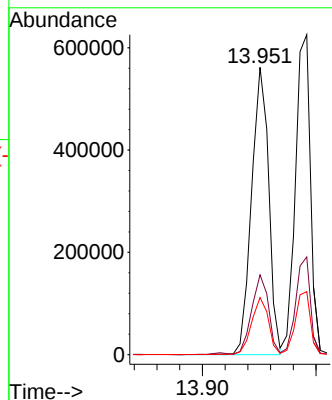
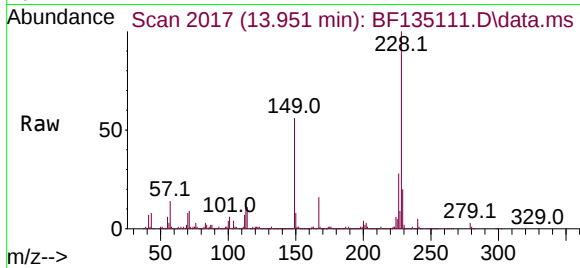




#81
Benzo(a)anthracene
Concen: 45.480 ng
RT: 13.951 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

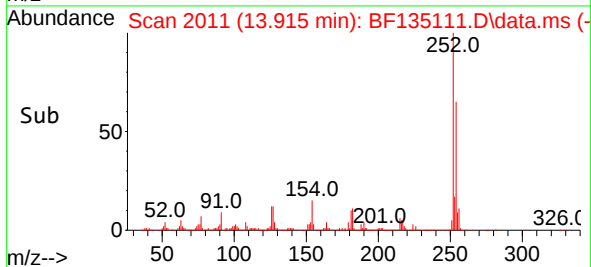
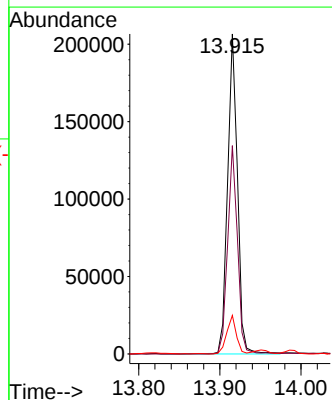
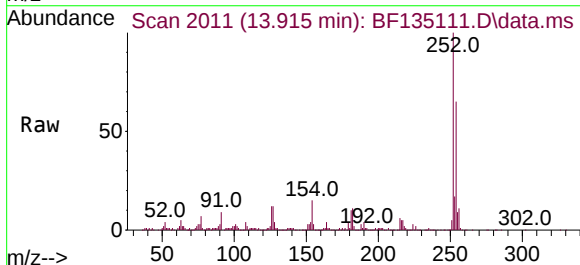
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

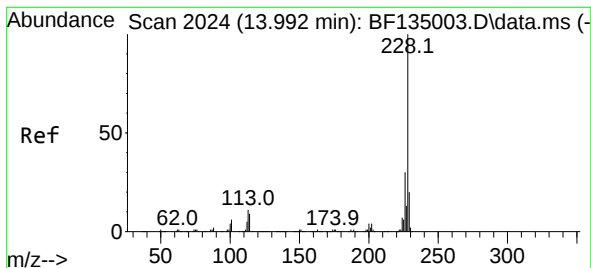
Tgt Ion:228 Resp: 586636
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.602 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:252 Resp: 173602
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 12.0 8.6 12.8





#83

Chrysene

Concen: 45.463 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

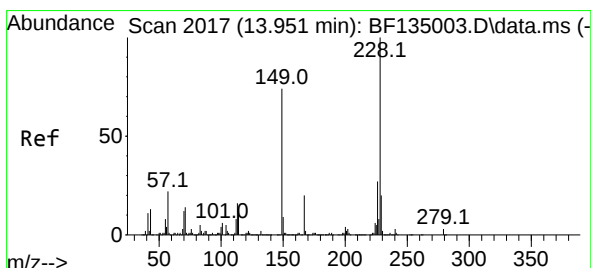
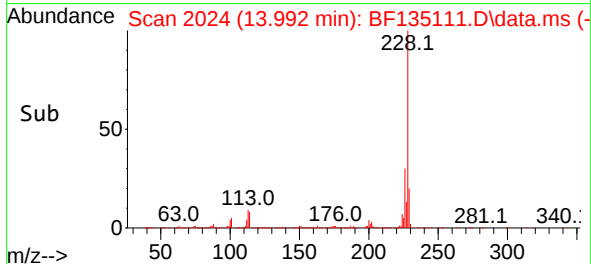
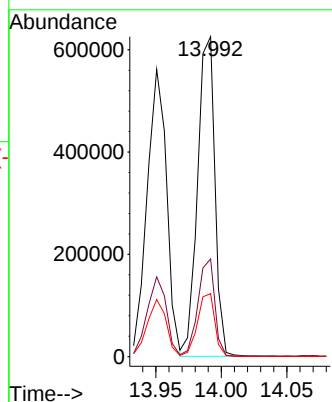
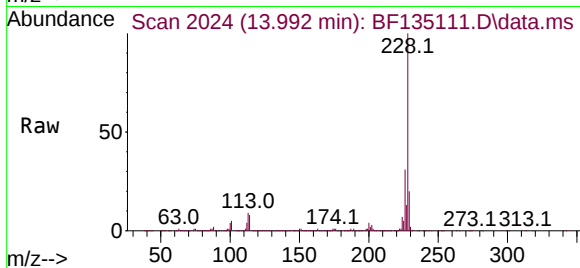
Tgt Ion:228 Resp: 576311

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.306 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

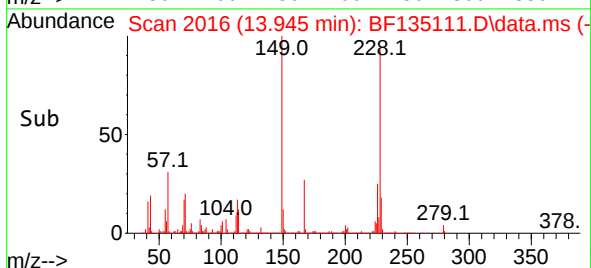
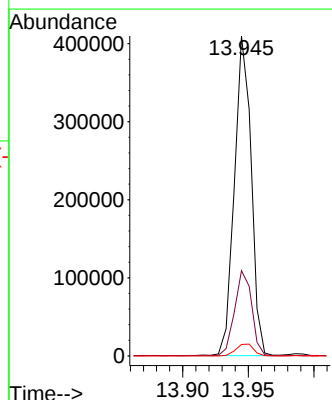
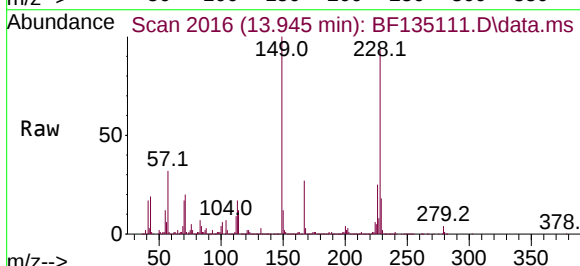
Tgt Ion:149 Resp: 364517

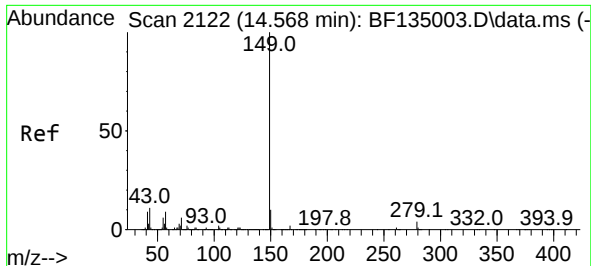
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 3.6 3.0 4.6

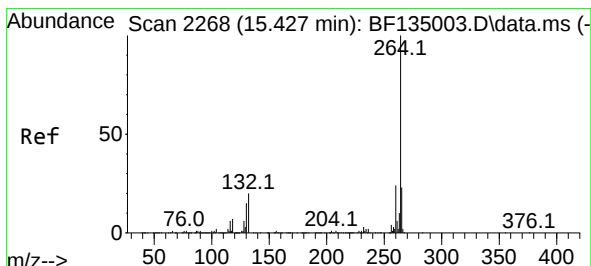
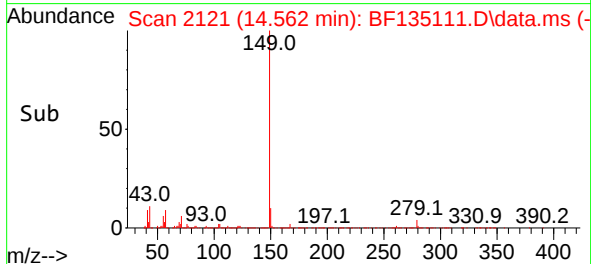
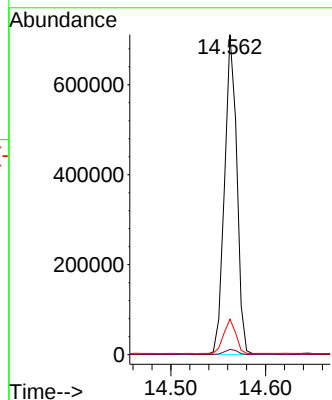
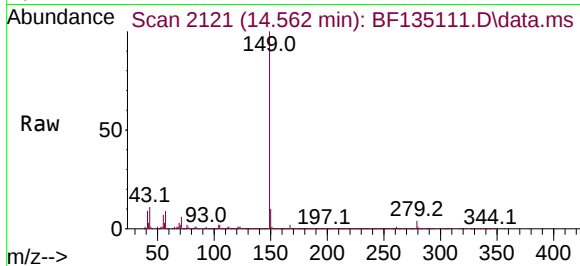




#85
Di-n-octyl phthalate
Concen: 62.457 ng
RT: 14.562 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

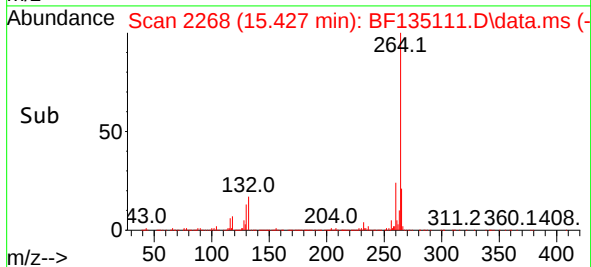
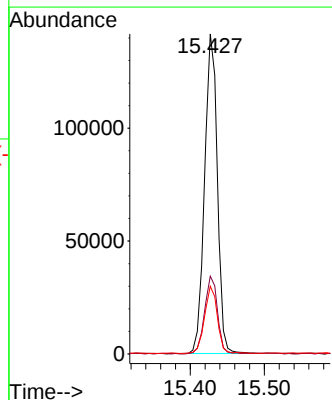
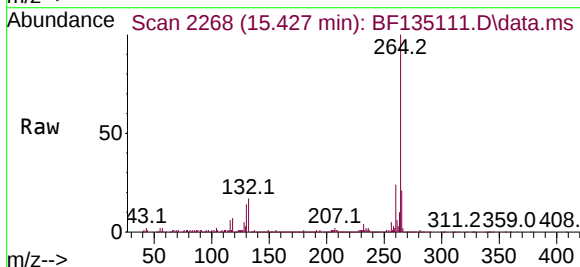
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)MSD

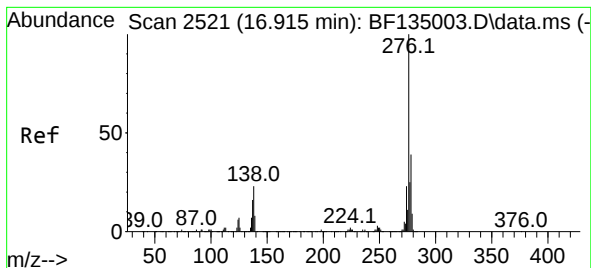
Tgt Ion:149 Resp: 639891
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135111.D
Acq: 06 Sep 2023 00:37

Tgt Ion:264 Resp: 168947
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.2 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.733 ng

RT: 16.915 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

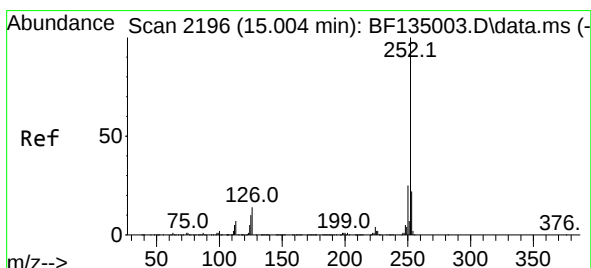
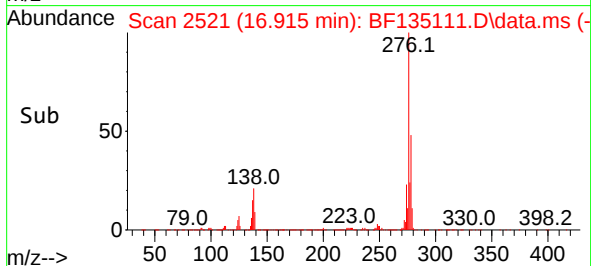
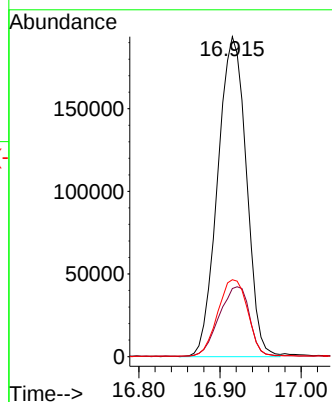
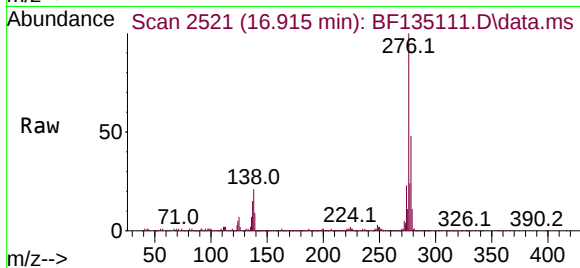
Tgt Ion:276 Resp: 474911

Ion Ratio Lower Upper

276 100

138 23.2 20.2 30.2

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.260 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

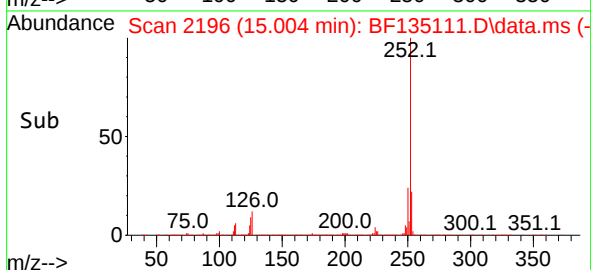
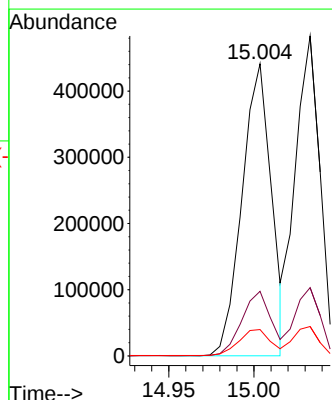
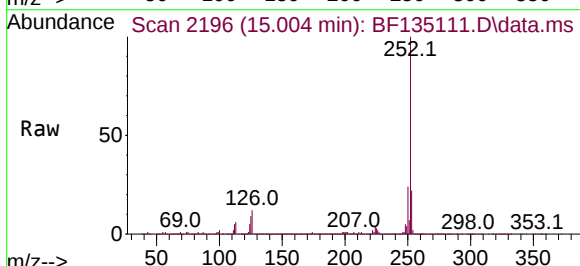
Tgt Ion:252 Resp: 528346

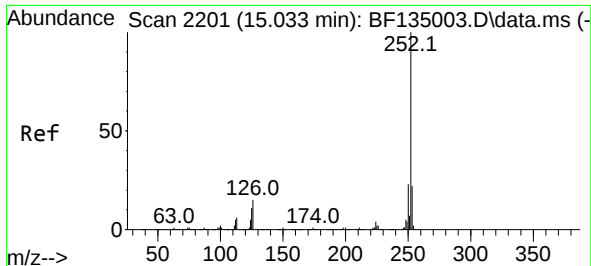
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.0 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 47.951 ng

RT: 15.033 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

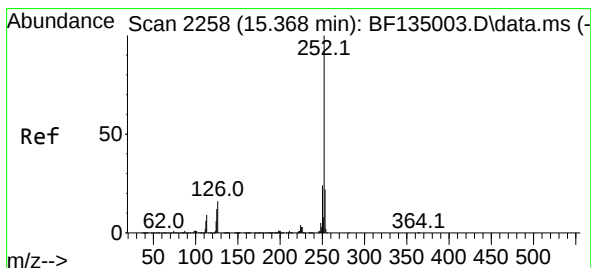
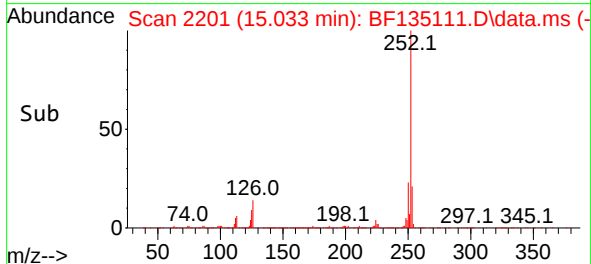
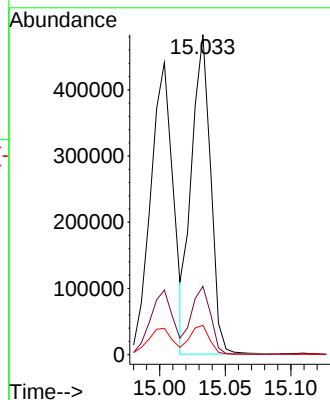
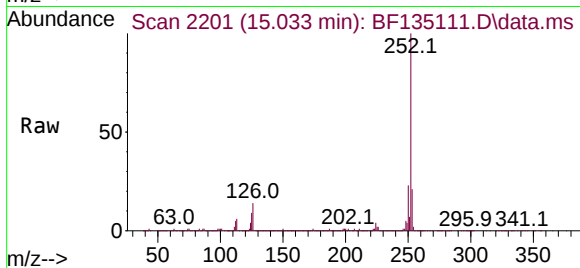
Tgt Ion:252 Resp: 486974

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.2 8.5 12.7



#90

Benzo(a)pyrene

Concen: 44.537 ng

RT: 15.368 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

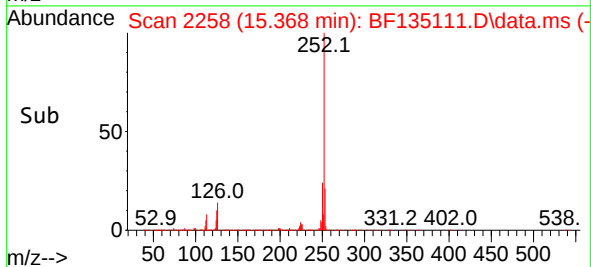
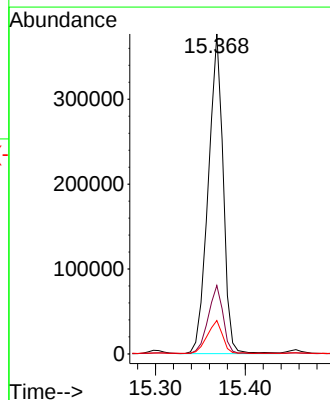
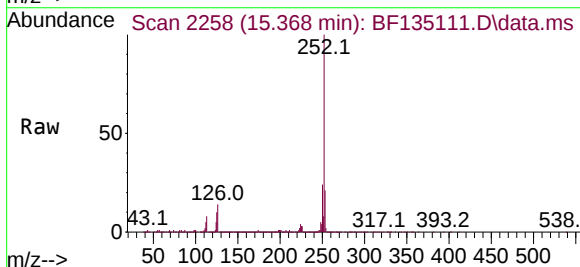
Tgt Ion:252 Resp: 434918

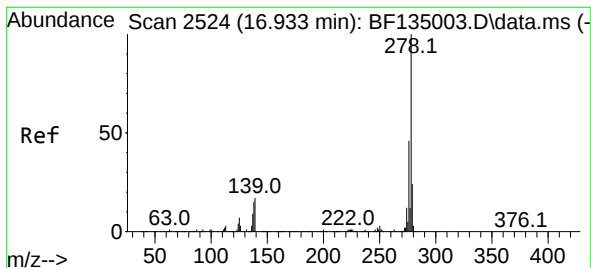
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.968 ng

RT: 16.933 min Scan# 2524

Delta R.T. -0.000 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)MSD

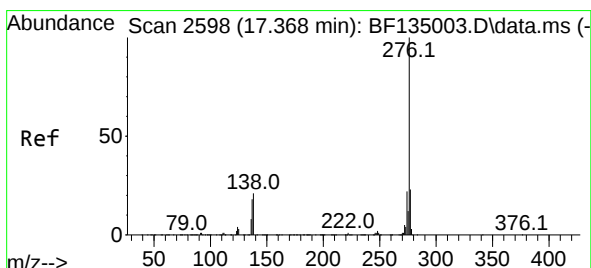
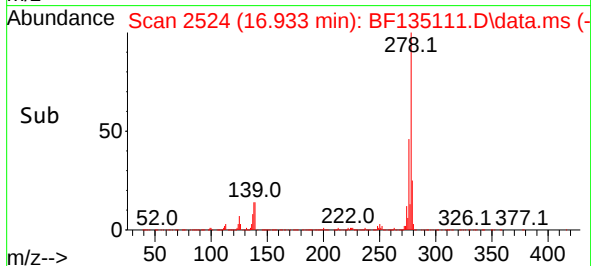
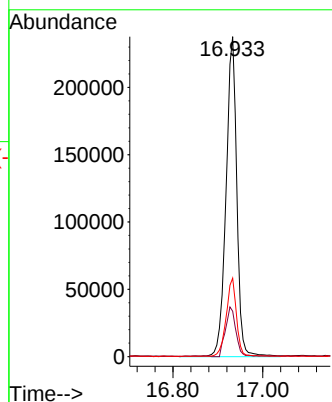
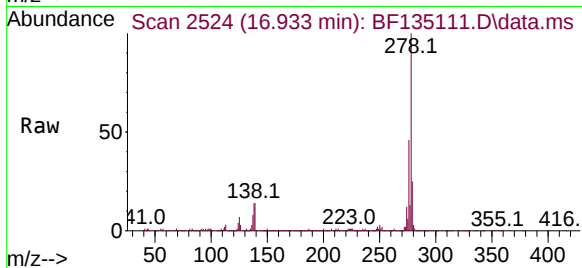
Tgt Ion:278 Resp: 396018

Ion Ratio Lower Upper

278 100

139 14.2 13.4 20.2

279 24.5 19.5 29.3



#92

Benzo(g,h,i)perylene

Concen: 39.090 ng

RT: 17.362 min Scan# 2597

Delta R.T. -0.006 min

Lab File: BF135111.D

Acq: 06 Sep 2023 00:37

Tgt Ion:276 Resp: 374714

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 20.6 17.1 25.7

