

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135300.D
 Acq On : 18 Sep 2023 11:44
 Operator : CG\JU
 Sample : PB154882BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BS

Quant Time: Sep 18 12:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	146210	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	566091	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	284787	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	558143	20.000	ng	0.00
76) Chrysene-d12	13.951	240	258958	20.000	ng	0.00
86) Perylene-d12	15.409	264	262283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1126395	125.301	ng	0.02
7) Phenol-d6	6.410	99	1443232	126.259	ng	0.00
23) Nitrobenzene-d5	7.328	82	922563	88.541	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	350539	123.861	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1583613	83.895	ng	0.00
79) Terphenyl-d14	12.892	244	1599476	95.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	112249	28.484	ng	98
3) Pyridine	3.316	79	397345	37.463	ng	99
4) n-Nitrosodimethylamine	3.275	42	270973	48.145	ng	96
6) Aniline	6.428	93	439173	29.299	ng	# 48
8) 2-Chlorophenol	6.551	128	456225	47.541	ng	94
9) Benzaldehyde	6.316	77	169092	25.967	ng	99
10) Phenol	6.422	94	527617	42.094	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	432858	46.039	ng	100
12) 1,3-Dichlorobenzene	6.698	146	445828	45.713	ng	99
13) 1,4-Dichlorobenzene	6.781	146	449362	45.288	ng	98
14) 1,2-Dichlorobenzene	6.928	146	431082	46.783	ng	99
15) Benzyl Alcohol	6.910	79	385173	46.958	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	824259	46.510	ng	97
17) 2-Methylphenol	7.022	107	364264	43.014	ng	98
18) Hexachloroethane	7.263	117	170865	46.605	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	290189	40.986	ng	95
20) 3+4-Methylphenols	7.181	107	422000	41.442	ng	# 81
22) Acetophenone	7.175	105	578518	44.700	ng	98
24) Nitrobenzene	7.345	77	472824	45.911	ng	99
25) Isophorone	7.586	82	885091	46.260	ng	98
26) 2-Nitrophenol	7.663	139	241320	48.822	ng	95
27) 2,4-Dimethylphenol	7.704	122	396366	47.707	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	542321	47.357	ng	100
29) 2,4-Dichlorophenol	7.904	162	353711	45.945	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	378857	47.082	ng	97
31) Naphthalene	8.063	128	1240956	45.118	ng	99
32) Benzoic acid	7.845	122	307872	49.211	ng	96
33) 4-Chloroaniline	8.116	127	272928	22.617	ng	99
34) Hexachlorobutadiene	8.175	225	215571	44.429	ng	99
35) Caprolactam	8.492	113	67762	26.226	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	401475	46.921	ng	98
37) 2-Methylnaphthalene	8.757	142	793258	42.905	ng	100
38) 1-Methylnaphthalene	8.851	142	736436	42.545	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	372135	45.104	ng	99
41) Hexachlorocyclopentadiene	8.904	237	281190	77.592	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	251244	46.510	ng	100

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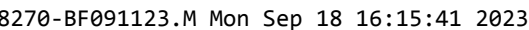
Instrument :
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Quant Time: Sep 18 12:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	275761	44.328	ng	97
46) 1,1'-Biphenyl	9.222	154	981121	44.830	ng	98
47) 2-Chloronaphthalene	9.245	162	746127	46.988	ng	98
48) 2-Nitroaniline	9.351	65	298719	48.423	ng	100
49) Acenaphthylene	9.663	152	1167432	44.238	ng	99
50) Dimethylphthalate	9.527	163	885522	45.990	ng	100
51) 2,6-Dinitrotoluene	9.592	165	199297	47.249	ng	98
52) Acenaphthene	9.833	154	703094	45.100	ng	99
53) 3-Nitroaniline	9.763	138	162144	32.748	ng	96
54) 2,4-Dinitrophenol	9.880	184	218142	90.233	ng	99
55) Dibenzofuran	10.010	168	1014814	42.658	ng	100
56) 4-Nitrophenol	9.945	139	294159	93.480	ng	96
57) 2,4-Dinitrotoluene	10.004	165	236336	44.756	ng	# 84
58) Fluorene	10.351	166	806079	44.075	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	226156	47.259	ng	100
60) Diethylphthalate	10.233	149	891946	46.158	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	380353	43.294	ng	94
62) 4-Nitroaniline	10.386	138	225659	47.414	ng	99
63) Azobenzene	10.504	77	895270	47.339	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	153318	51.718	ng	95
66) n-Nitrosodiphenylamine	10.469	169	767599	45.427	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	250515	45.129	ng	95
68) Hexachlorobenzene	10.898	284	267186	47.245	ng	# 88
69) Atrazine	11.004	200	248740	54.708	ng	98
70) Pentachlorophenol	11.098	266	268474	79.346	ng	98
71) Phenanthrene	11.316	178	1209255	45.809	ng	99
72) Anthracene	11.369	178	1227020	45.221	ng	100
73) Carbazole	11.527	167	1176302	47.622	ng	100
74) Di-n-butylphthalate	11.863	149	1379440	47.394	ng	100
75) Fluoranthene	12.510	202	1274558	46.337	ng	98
77) Benzidine	12.633	184	327276	61.689	ng	99
78) Pyrene	12.739	202	1288799	52.274	ng	100
80) Butylbenzylphthalate	13.368	149	474004	54.605	ng	99
81) Benzo(a)anthracene	13.939	228	773164	46.237	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	181685	34.785	ng	99
83) Chrysene	13.974	228	770197	46.327	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	501357	56.283	ng	# 99
85) Di-n-octyl phthalate	14.545	149	766372	54.137	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	877386	51.020	ng	98
88) Benzo(b)fluoranthene	14.986	252	740001	52.119	ng	# 97
89) Benzo(k)fluoranthene	15.015	252	636783	45.402	ng	# 98
90) Benzo(a)pyrene	15.351	252	643022	47.491	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	711687	50.579	ng	98
92) Benzo(g,h,i)perylene	17.351	276	735852	50.074	ng	99

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

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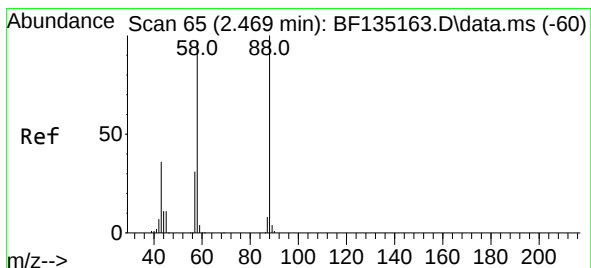
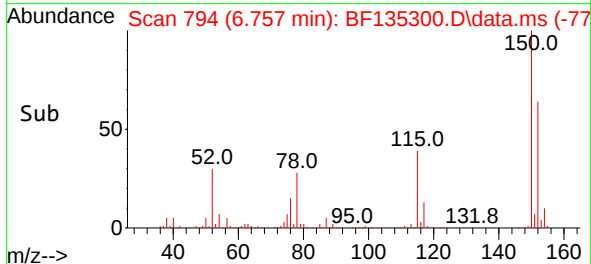
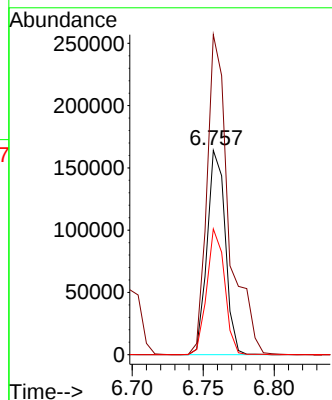
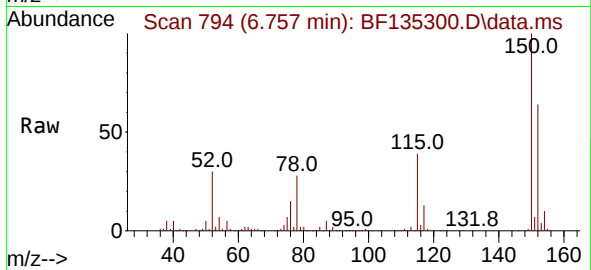




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135300.D
 Acq: 18 Sep 2023 11:44

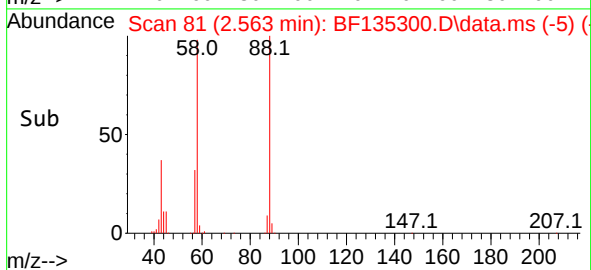
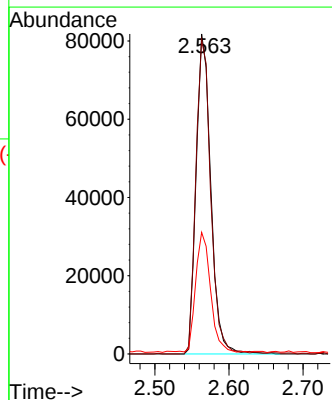
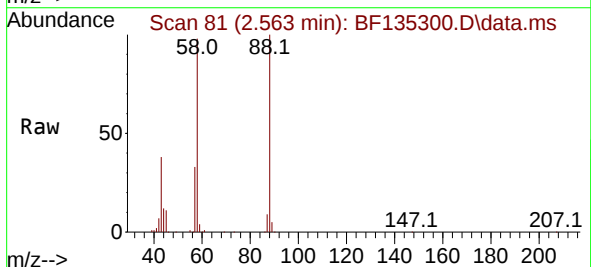
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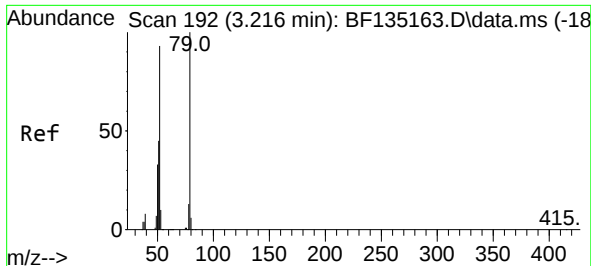
Tgt Ion:152 Resp: 146210
 Ion Ratio Lower Upper
 152 100
 150 156.6 127.8 191.6
 115 61.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 28.484 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.094 min
 Lab File: BF135300.D
 Acq: 18 Sep 2023 11:44

Tgt Ion: 88 Resp: 112249
 Ion Ratio Lower Upper
 88 100
 58 99.9 78.3 117.5
 43 37.2 29.4 44.0

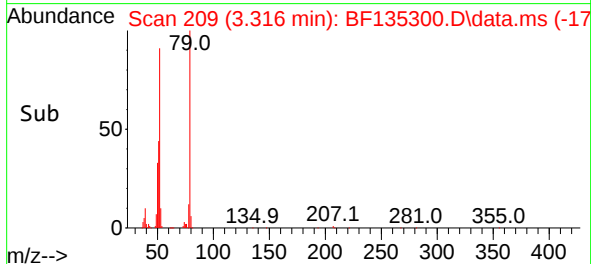
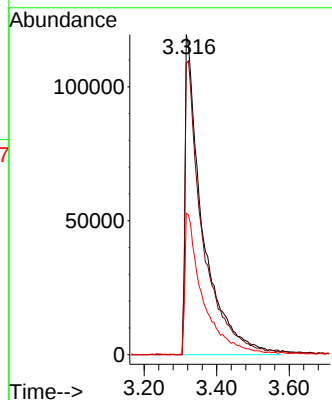
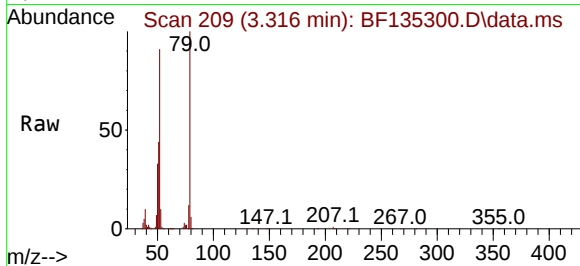




#3
Pyridine
Concen: 37.463 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

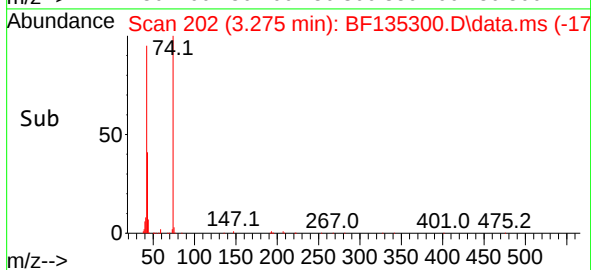
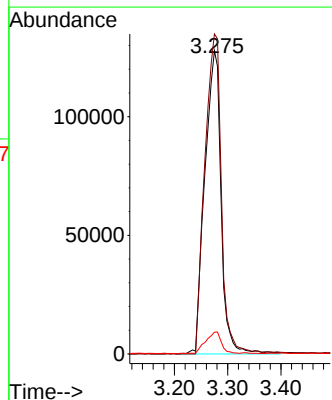
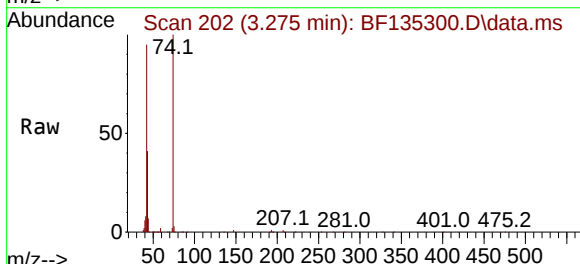
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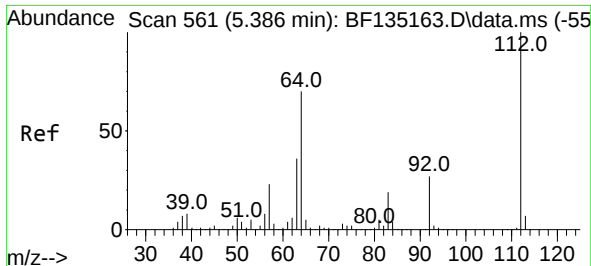
Tgt Ion: 79 Resp: 397345
Ion Ratio Lower Upper
79 100
52 91.1 74.1 111.1
51 44.2 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 48.145 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 42 Resp: 270973
Ion Ratio Lower Upper
42 100
74 105.6 87.7 131.5
44 7.2 5.6 8.4

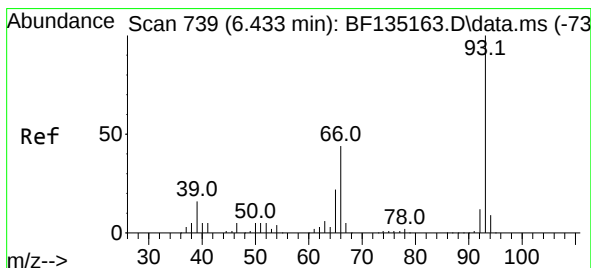
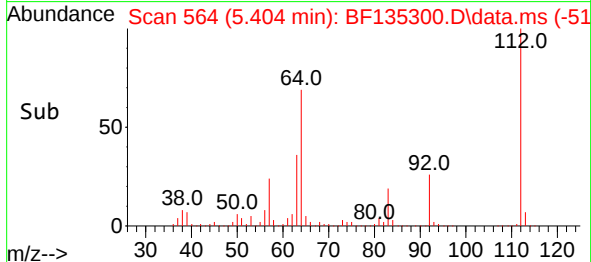
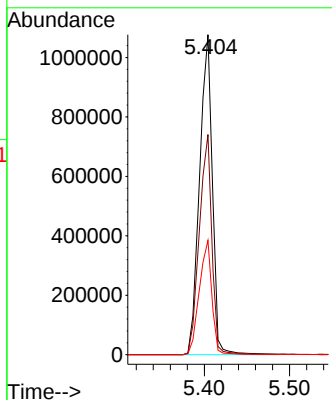
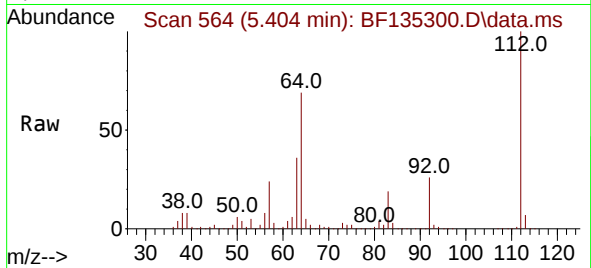




#5
2-Fluorophenol
Concen: 125.301 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

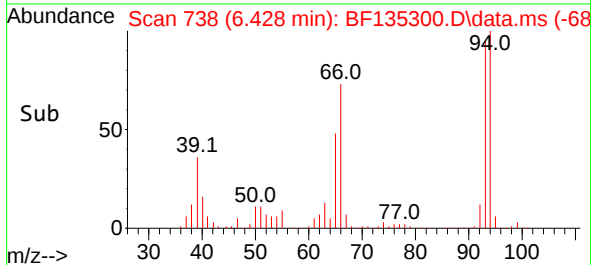
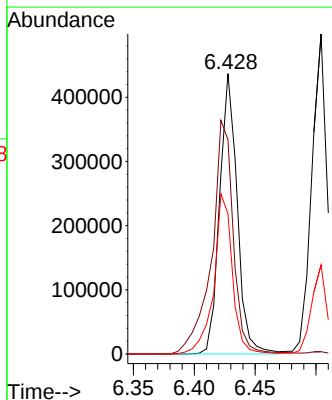
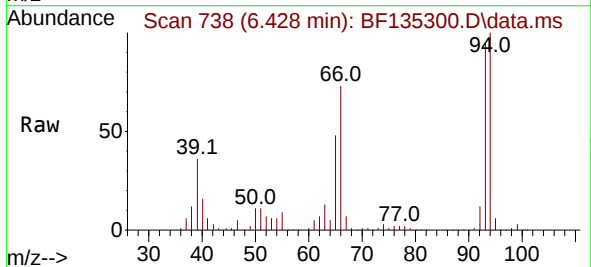
Instrument :
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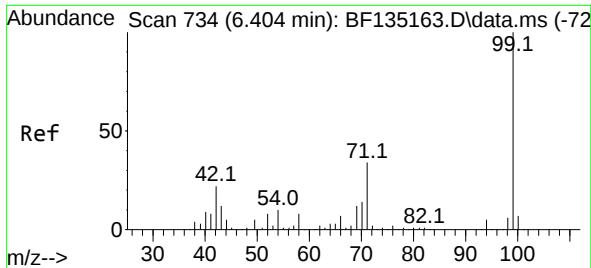
Tgt Ion:112 Resp: 1126395
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.7 29.0 43.6



#6
Aniline
Concen: 29.299 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 93 Resp: 439173
Ion Ratio Lower Upper
93 100
66 76.5 35.4 53.0#
65 49.9 17.8 26.8#



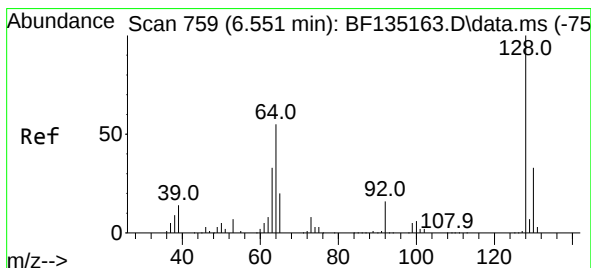
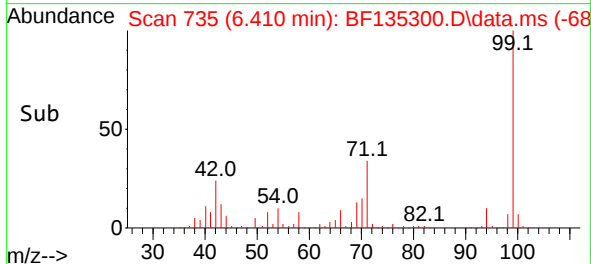
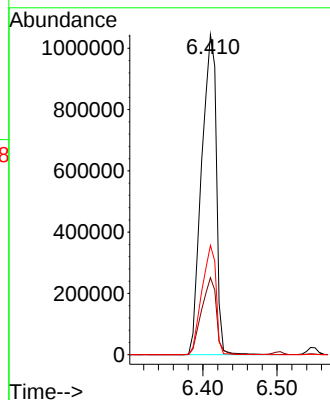
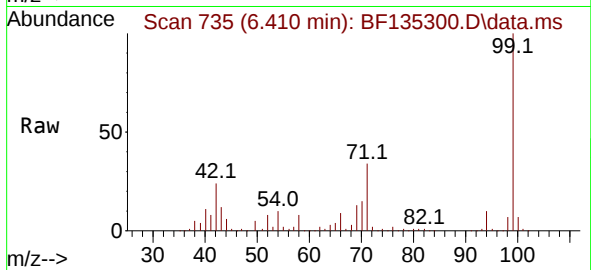


#7
Phenol-d6
Concen: 126.259 ng
RT: 6.410 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1443232

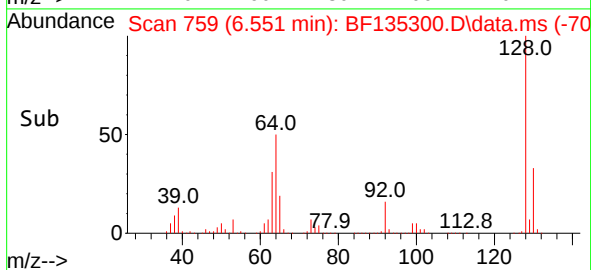
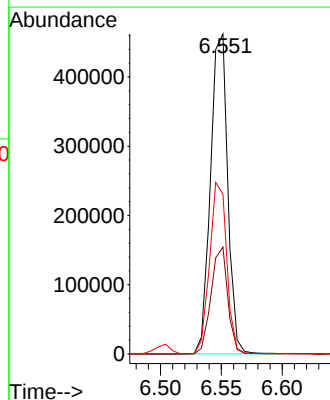
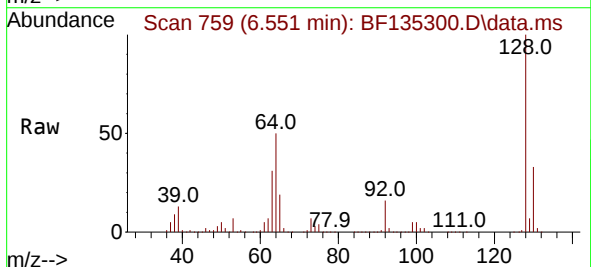
Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.9	26.9
71	34.2	27.0	40.6

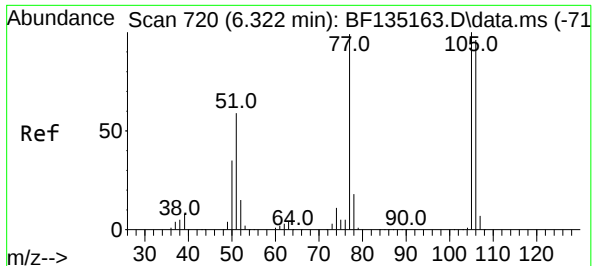


#8
2-Chlorophenol
Concen: 47.541 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:128 Resp: 456225

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.7	52.7
64	50.0	35.9	75.9

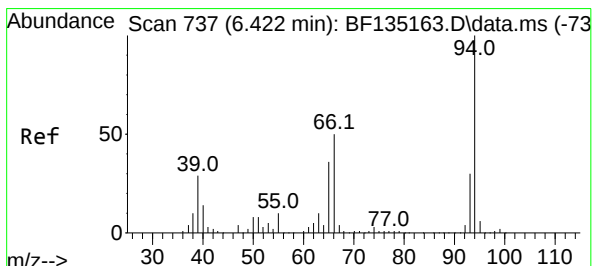
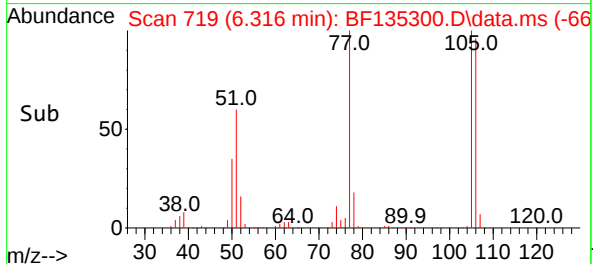
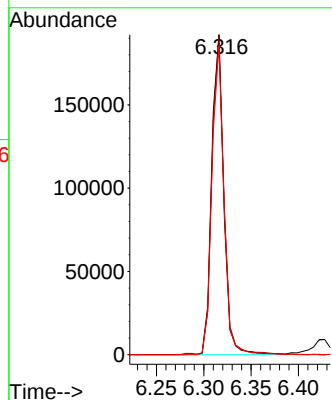
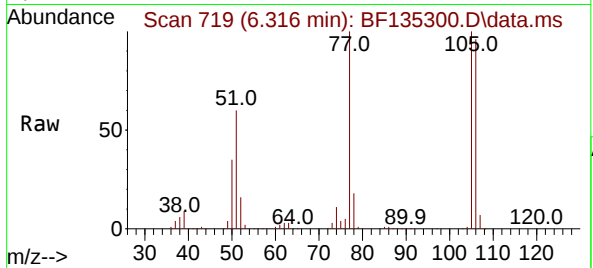




#9
Benzaldehyde
Concen: 25.967 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

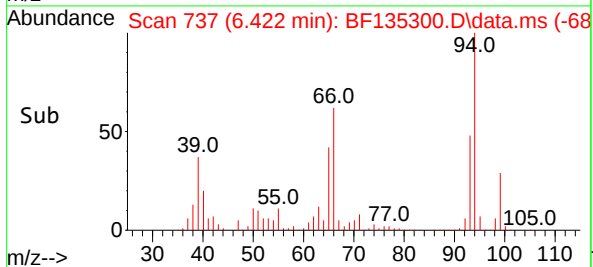
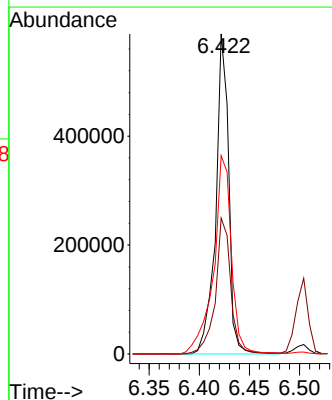
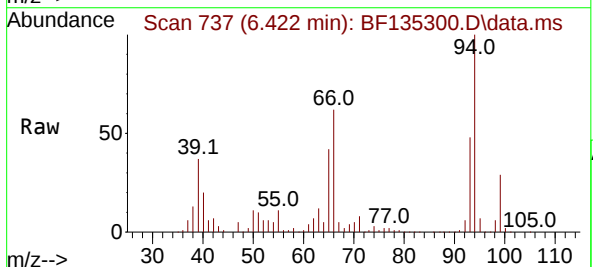
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 169092
Ion Ratio Lower Upper
77 100
105 99.9 81.4 121.4
106 96.4 76.9 116.9



#10
Phenol
Concen: 42.094 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 94 Resp: 527617
Ion Ratio Lower Upper
94 100
65 42.5 15.9 55.9
66 61.9 29.8 69.8

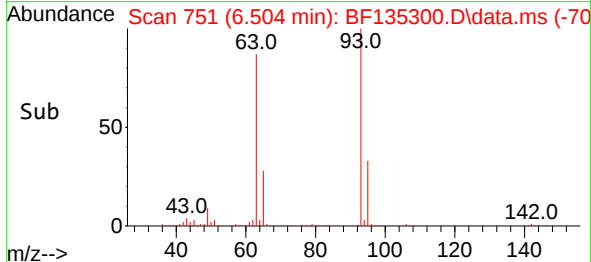
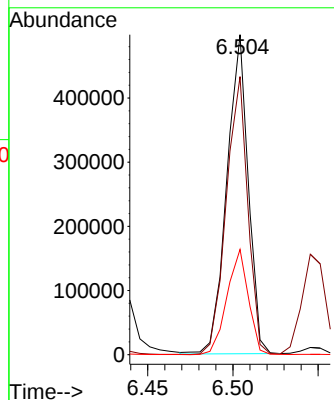
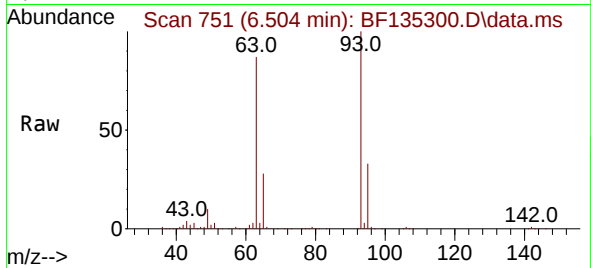




#11
bis(2-Chloroethyl)ether
Concen: 46.039 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

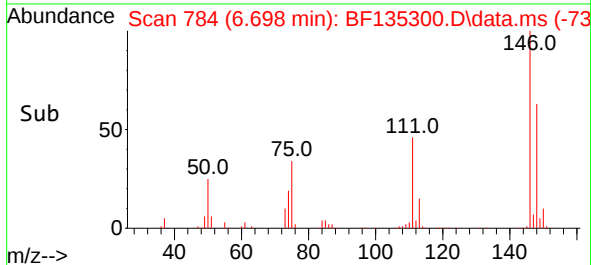
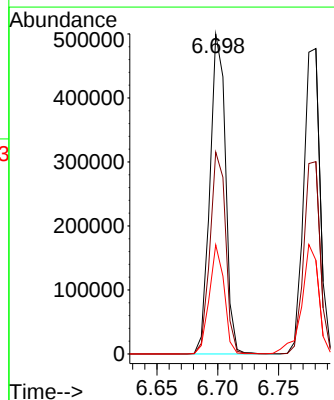
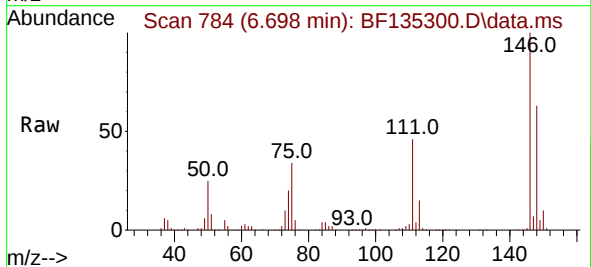
Instrument :
BNA_F
ClientSampleId :
PB154882BS

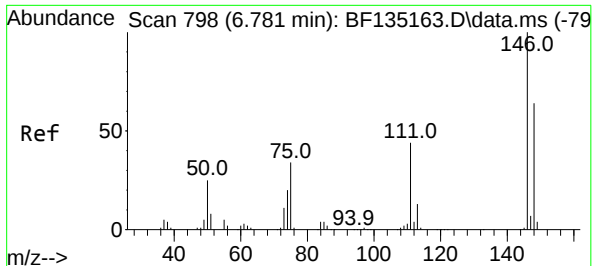
Tgt Ion: 93 Resp: 432858
Ion Ratio Lower Upper
93 100
63 86.9 67.3 107.3
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.713 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:146 Resp: 445828
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 34.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.288 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

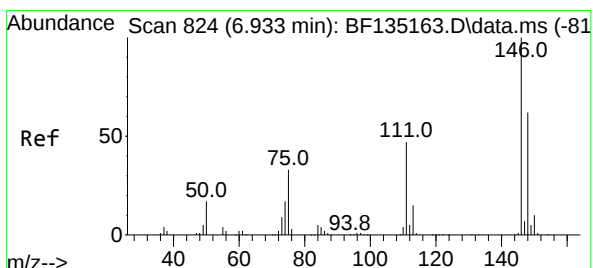
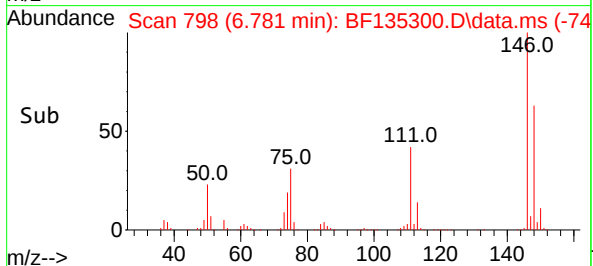
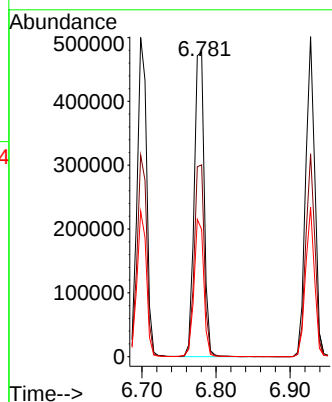
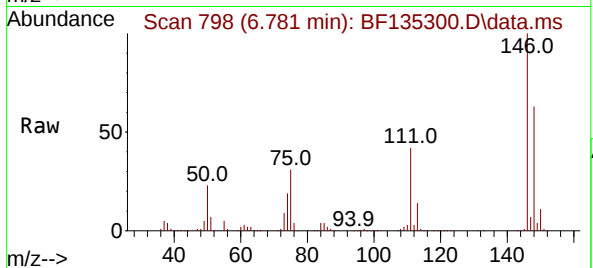
Tgt Ion:146 Resp: 449362

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 41.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.783 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

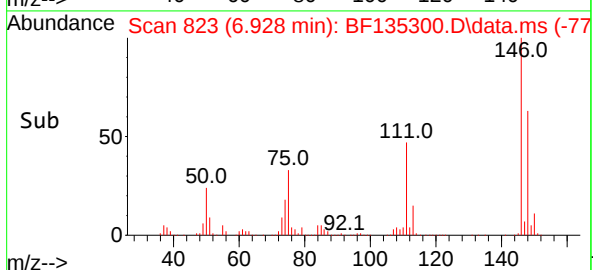
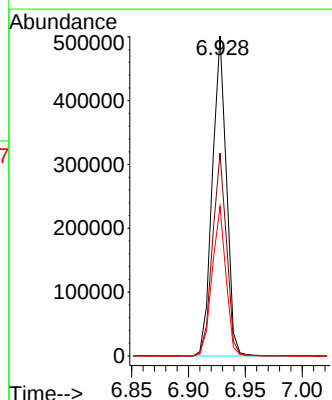
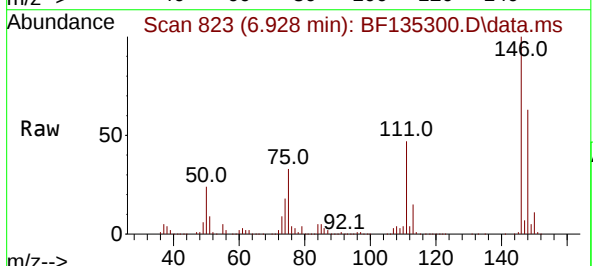
Tgt Ion:146 Resp: 431082

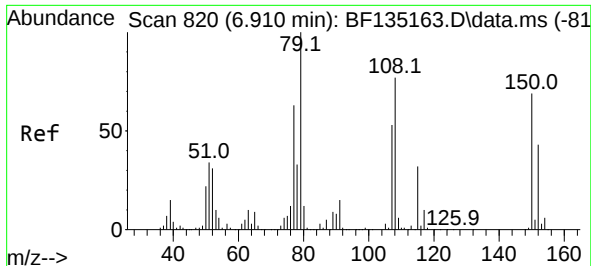
Ion Ratio Lower Upper

146 100

148 63.4 49.7 74.5

111 46.7 37.4 56.2

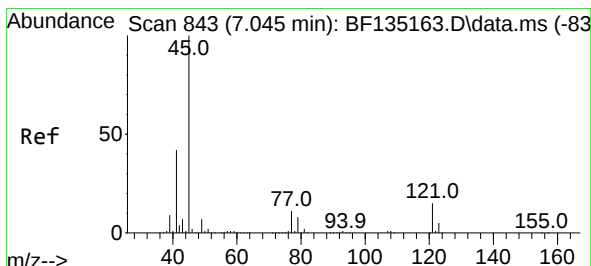
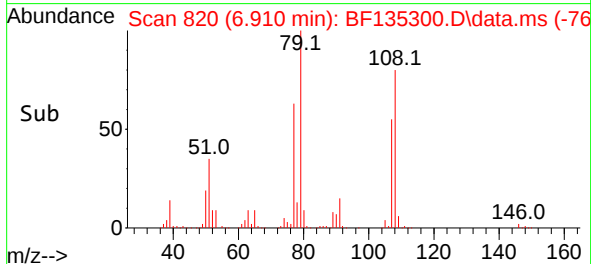
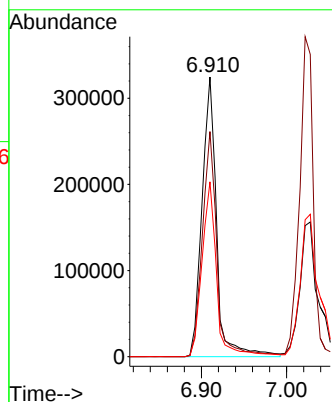
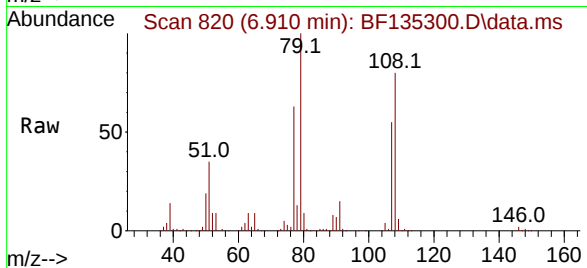




#15
Benzyl Alcohol
Concen: 46.958 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

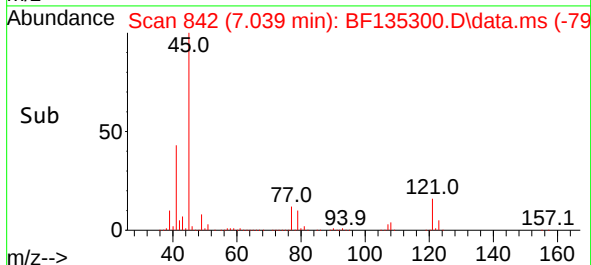
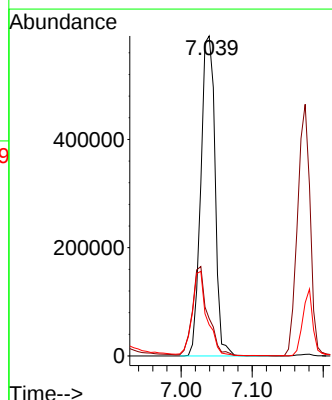
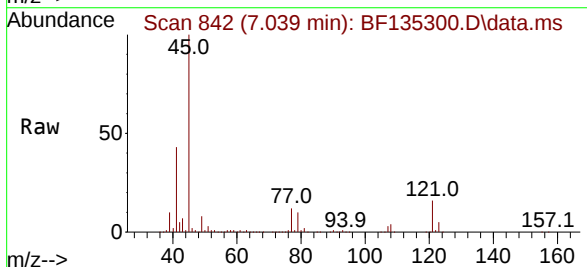
Instrument :
BNA_F
ClientSampleId :
PB154882BS

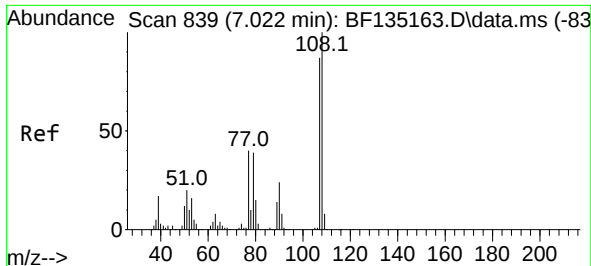
Tgt Ion: 79 Resp: 385173
Ion Ratio Lower Upper
79 100
108 80.5 61.2 91.8
77 62.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.510 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

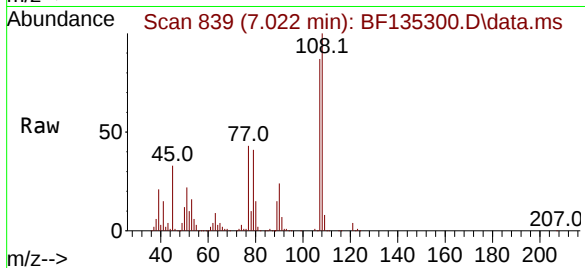
Tgt Ion: 45 Resp: 824259
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 9.8 0.0 28.3



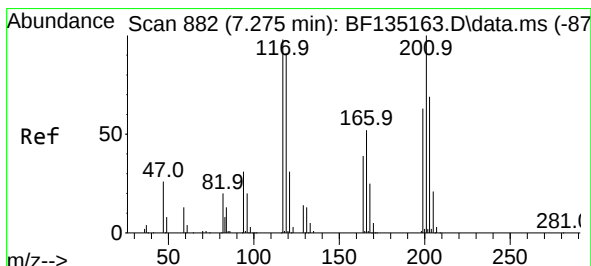
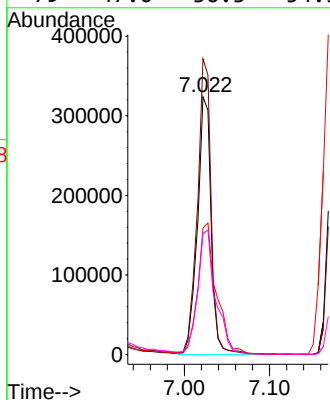
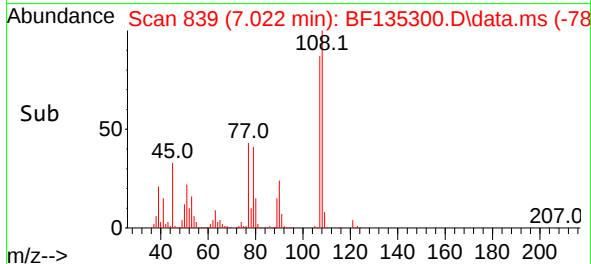


#17
2-Methylphenol
Concen: 43.014 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

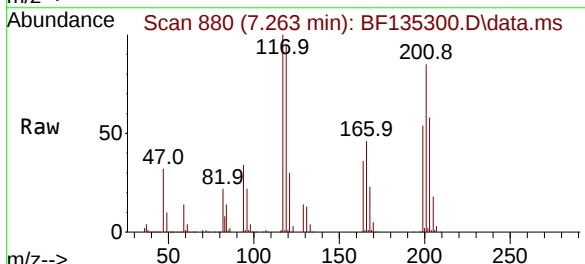
Instrument :
BNA_F
ClientSampleId :
PB154882BS



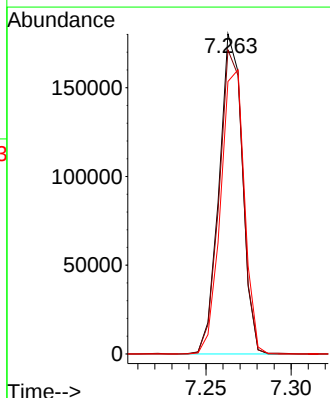
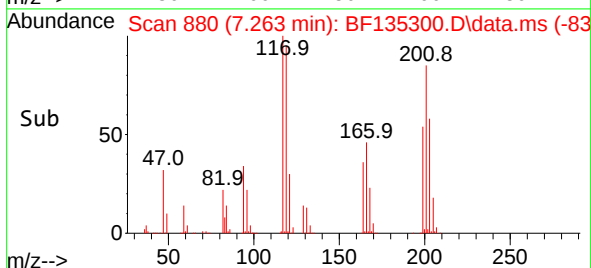
Tgt Ion:	107	Resp:	364264
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.0	138.0
77	49.1	36.7	55.1
79	47.0	36.3	54.5



#18
Hexachloroethane
Concen: 46.605 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44



Tgt Ion:	117	Resp:	170865
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.7	112.1
201	85.2	81.8	122.8

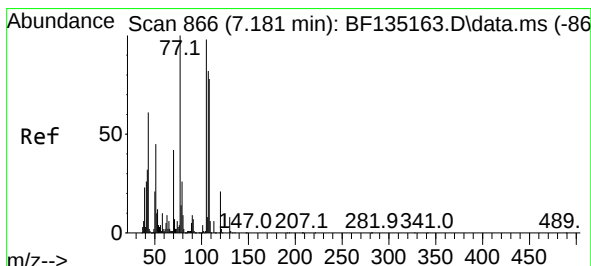
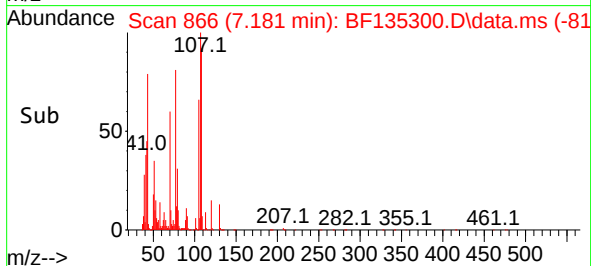
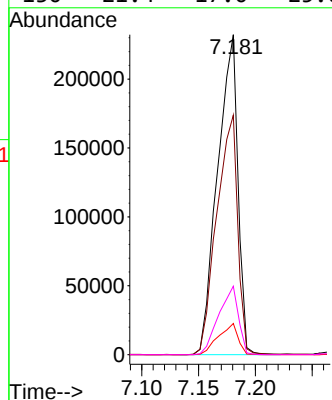
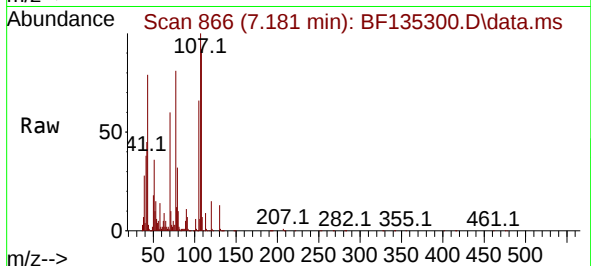




#19
n-Nitroso-di-n-propylamine
Concen: 40.986 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

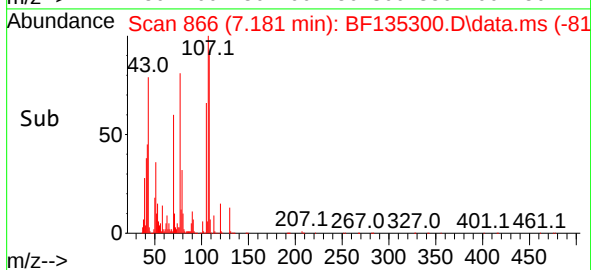
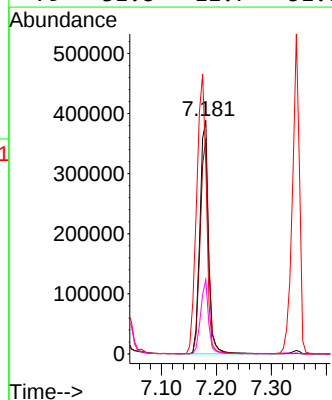
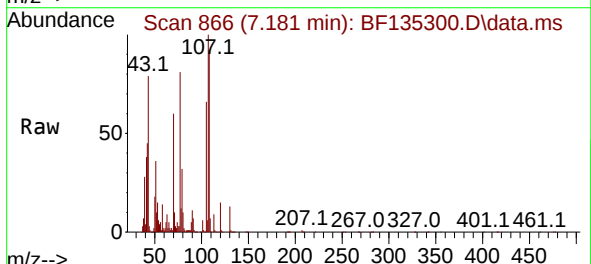
Instrument :
BNA_F
ClientSampleId :
PB154882BS

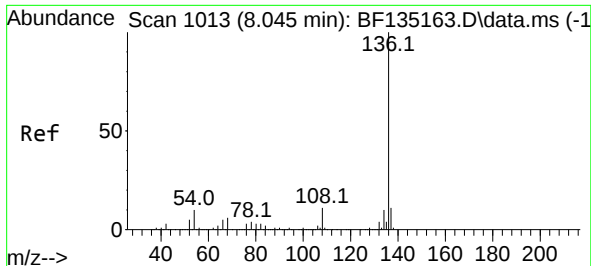
Tgt Ion: 70 Resp: 290189
Ion Ratio Lower Upper
70 100
42 74.9 55.4 83.0
101 9.7 7.7 11.5
130 21.4 17.0 25.6



#20
3+4-Methylphenols
Concen: 41.442 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 107 Resp: 422000
Ion Ratio Lower Upper
107 100
108 92.2 74.7 114.7
77 81.0 102.0 142.0#
79 31.8 11.7 51.7





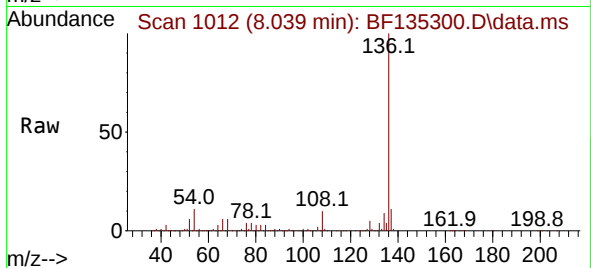
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Instrument :

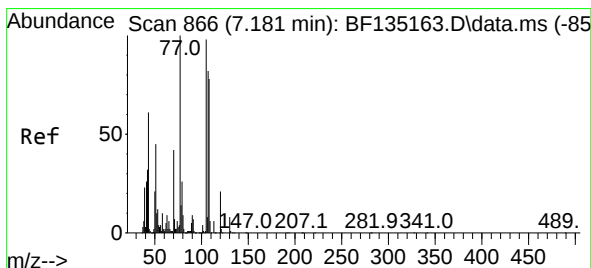
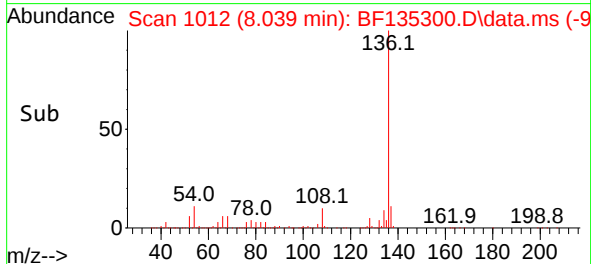
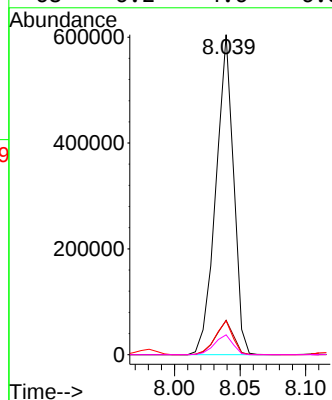
BNA_F

ClientSampleId :

PB154882BS

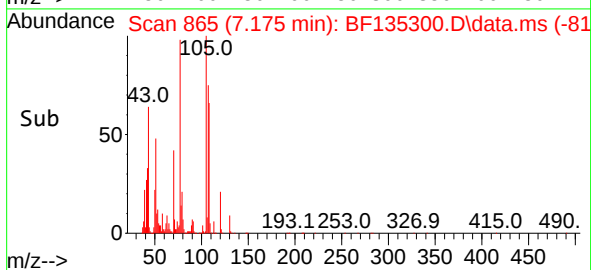
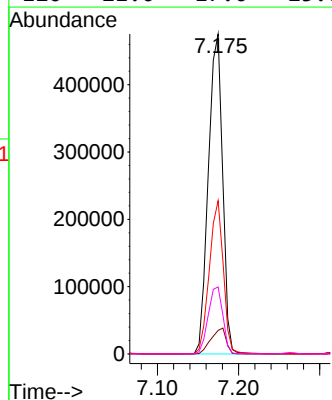
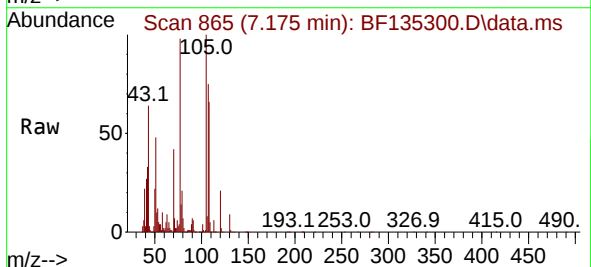


Tgt Ion:136 Resp: 566091
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.6 7.7 11.5
68 6.2 4.6 6.8



#22
Acetophenone
Concen: 44.700 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:105 Resp: 578518
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.6
51 47.9 37.0 55.4
120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.541 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

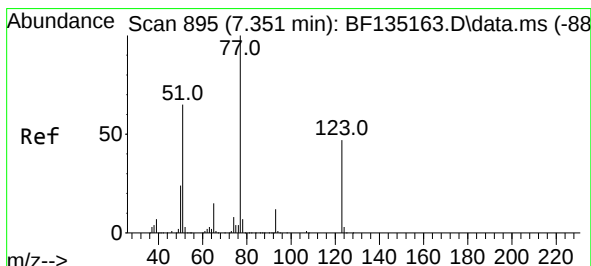
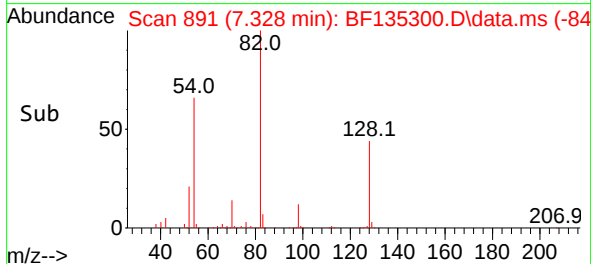
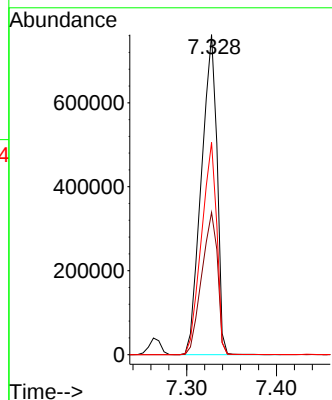
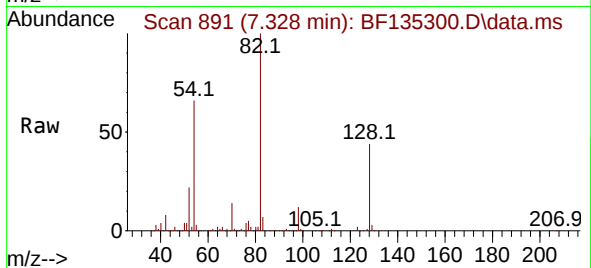
Tgt Ion: 82 Resp: 922563

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 66.3 50.6 76.0



#24

Nitrobenzene

Concen: 45.911 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

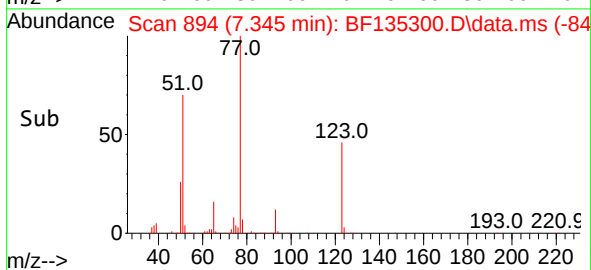
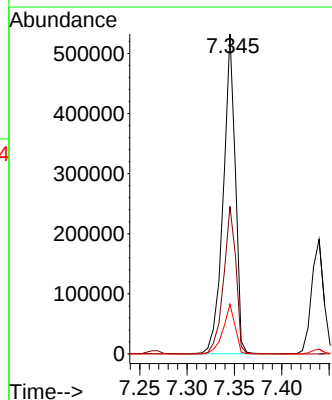
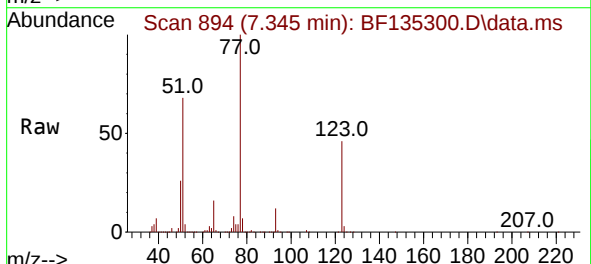
Tgt Ion: 77 Resp: 472824

Ion Ratio Lower Upper

77 100

123 46.1 37.6 56.4

65 15.6 12.2 18.4

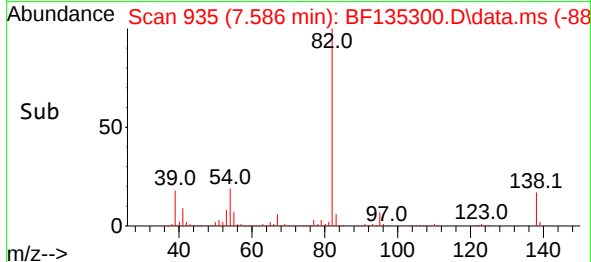
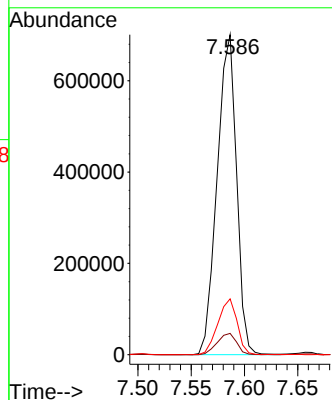
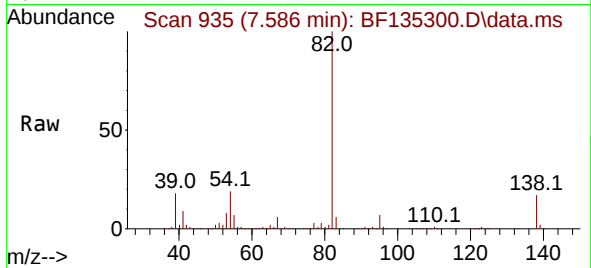




#25
Isophorone
Concen: 46.260 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

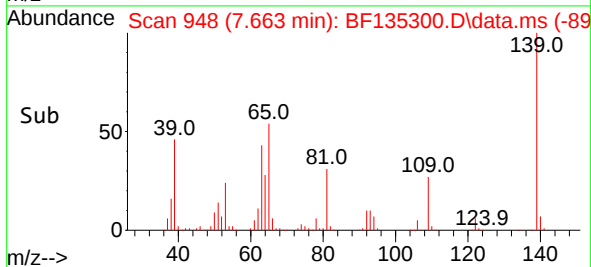
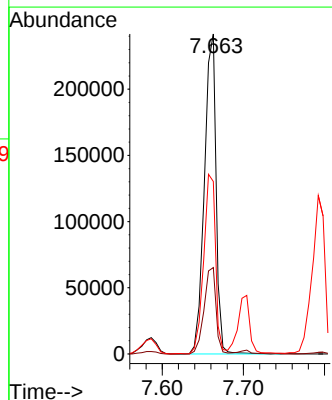
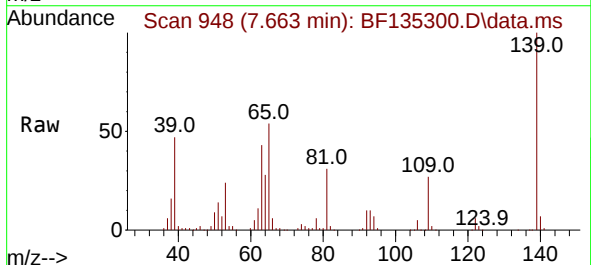
Instrument :
BNA_F
ClientSampleId :
PB154882BS

Tgt Ion: 82 Resp: 885091
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 48.822 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:139 Resp: 241320
Ion Ratio Lower Upper
139 100
109 27.0 22.6 33.8
65 53.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.707 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135300.D

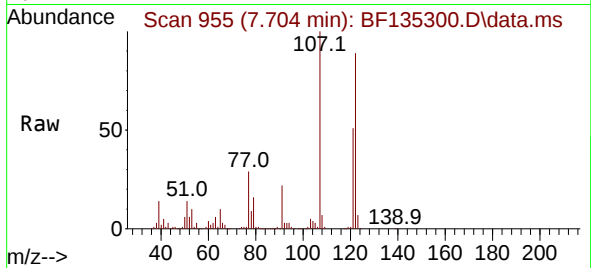
Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS



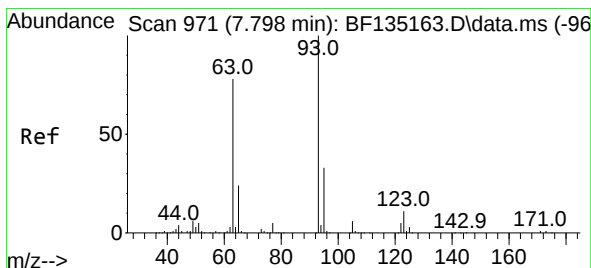
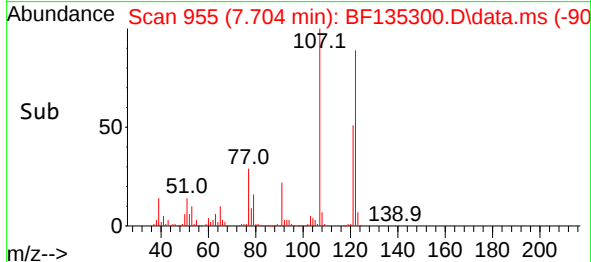
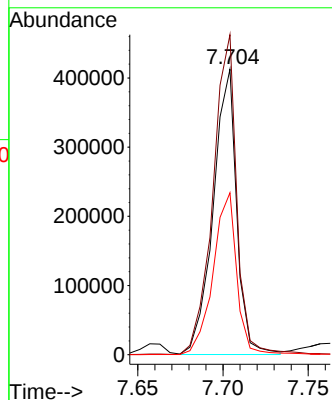
Tgt Ion:122 Resp: 396366

Ion Ratio Lower Upper

122 100

107 112.1 90.2 135.4

121 56.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.357 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

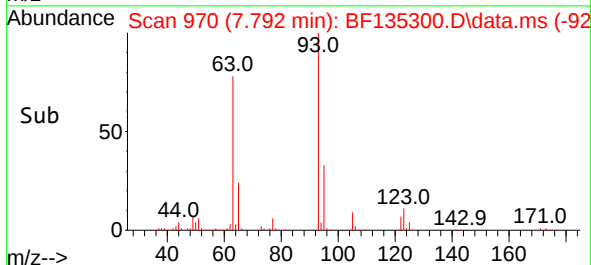
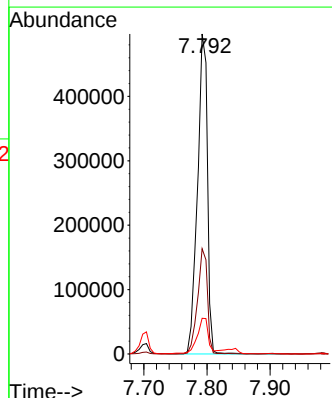
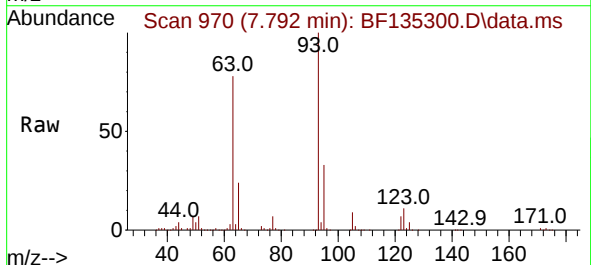
Tgt Ion: 93 Resp: 542321

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.945 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

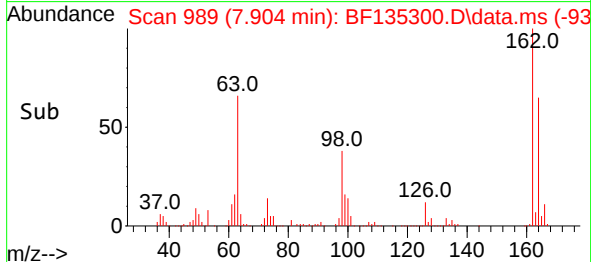
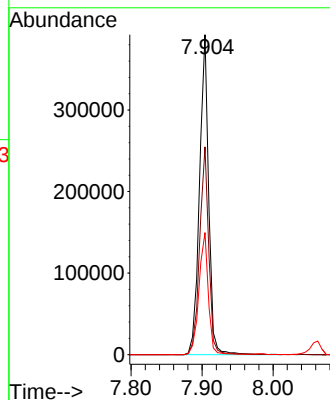
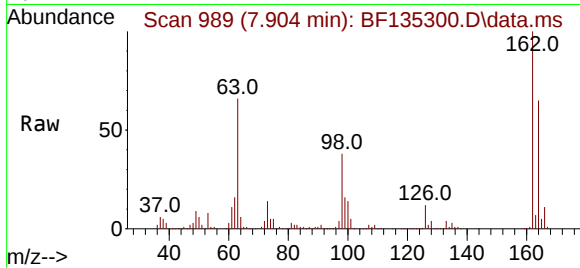
Tgt Ion:162 Resp: 353711

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

98 38.2 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.082 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

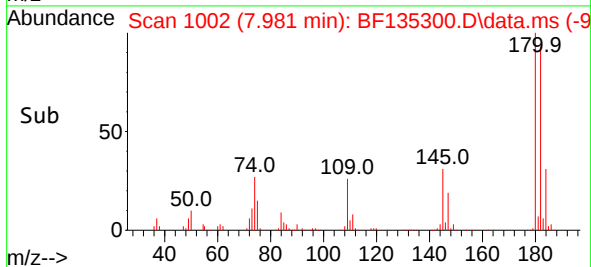
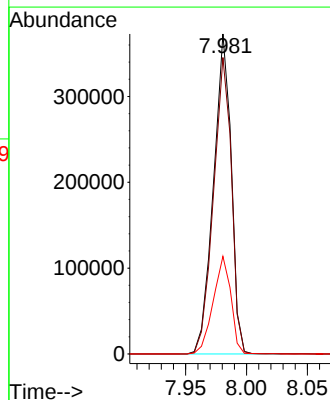
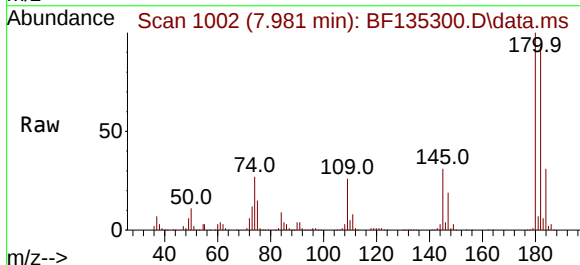
Tgt Ion:180 Resp: 378857

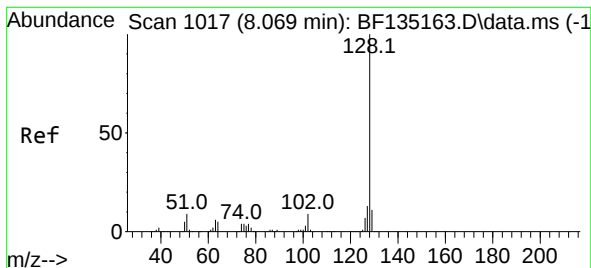
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

145 30.5 24.5 36.7





#31

Naphthalene

Concen: 45.118 ng

RT: 8.063 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

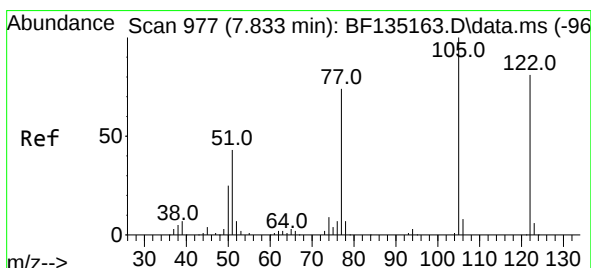
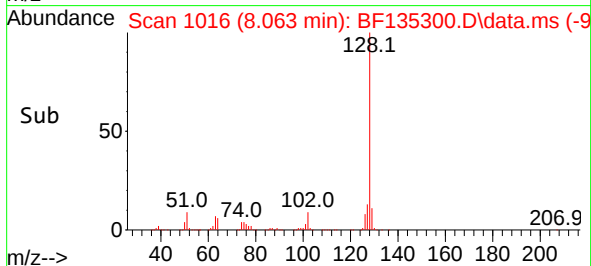
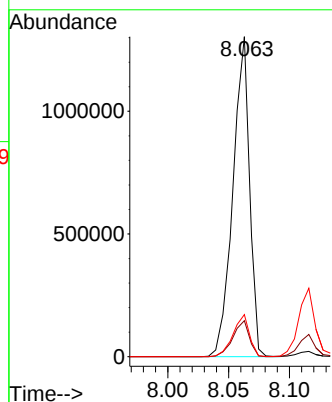
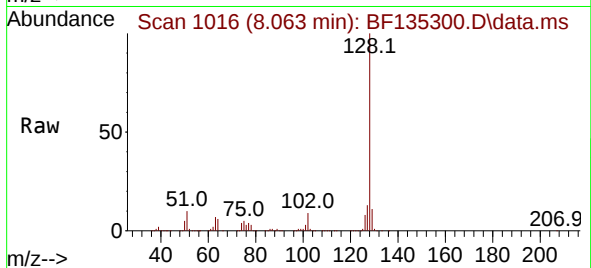
Tgt Ion:128 Resp: 1240956

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 49.211 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

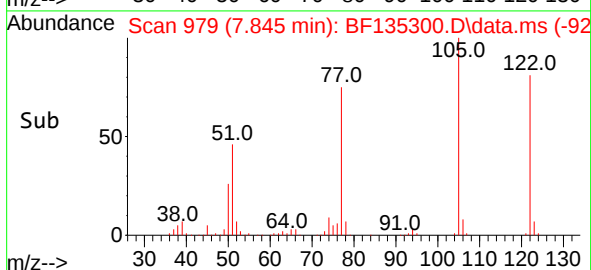
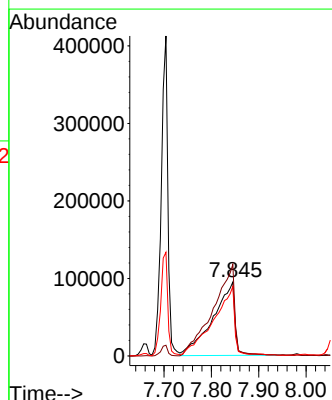
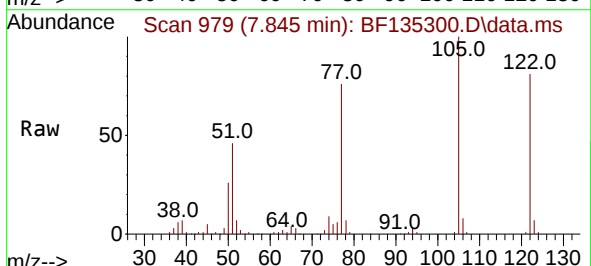
Tgt Ion:122 Resp: 307872

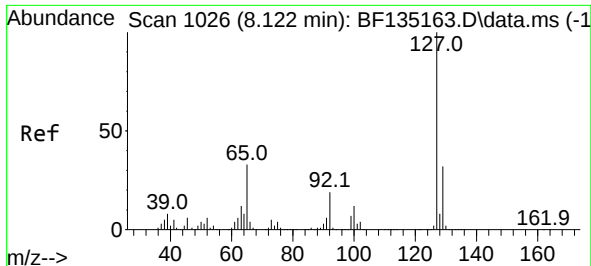
Ion Ratio Lower Upper

122 100

105 123.9 99.9 139.9

77 94.2 70.0 110.0

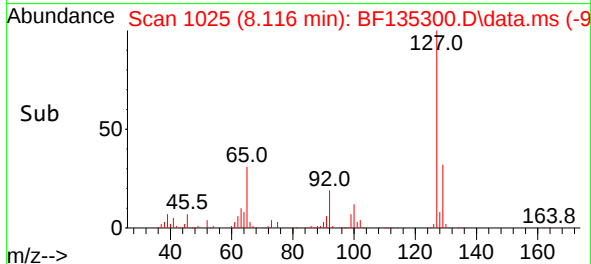
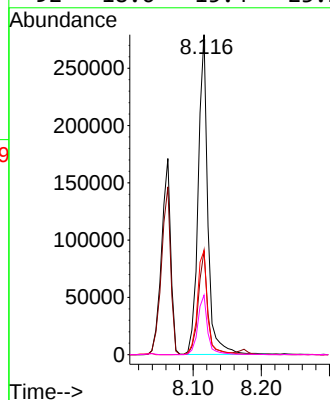
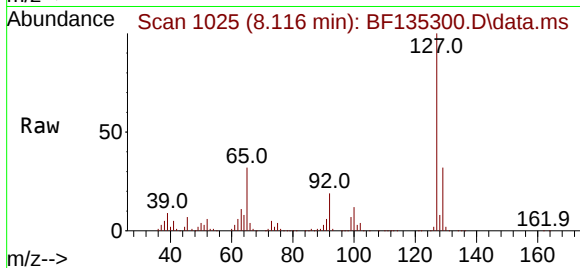




#33
4-Chloroaniline
Concen: 22.617 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

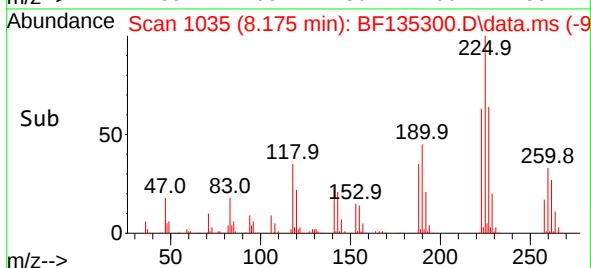
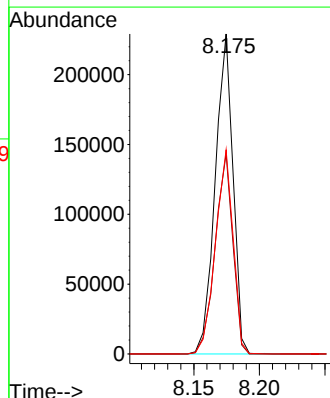
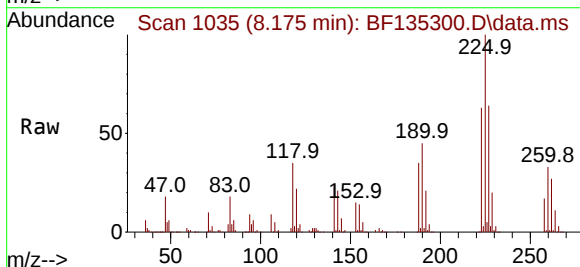
Instrument :
BNA_F
ClientSampleId :
PB154882BS

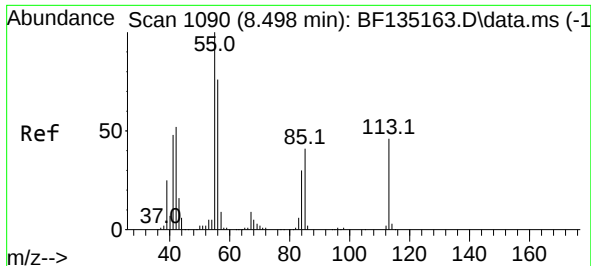
Tgt Ion:	127	Resp:	272928
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	32.5	26.6	39.8
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 44.429 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:	225	Resp:	215571
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	75.8
227	63.8	50.8	76.2

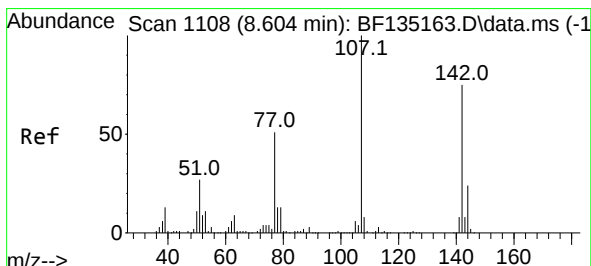
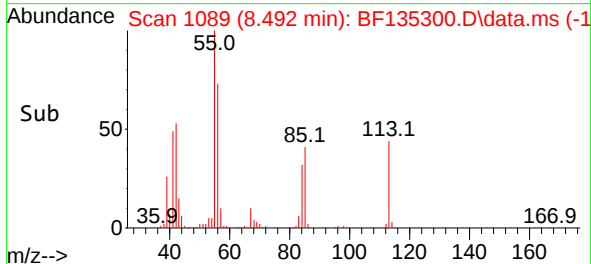
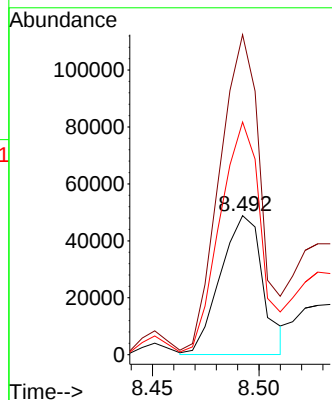
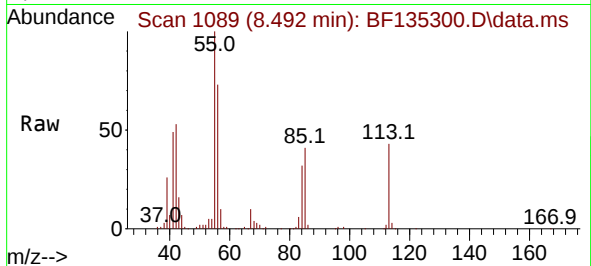




#35
 Caprolactam
 Concen: 26.226 ng
 RT: 8.492 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF135300.D
 Acq: 18 Sep 2023 11:44

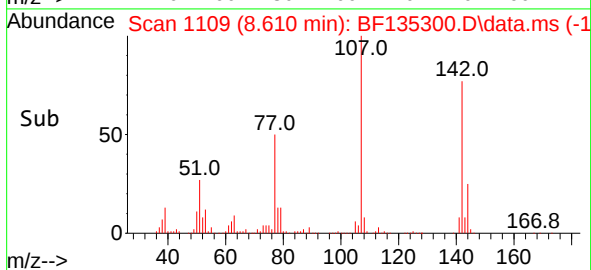
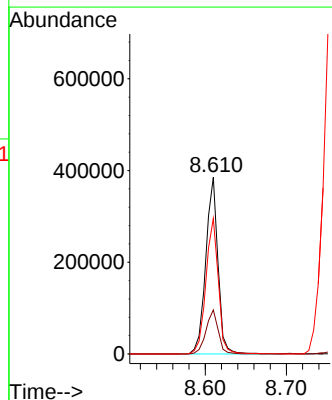
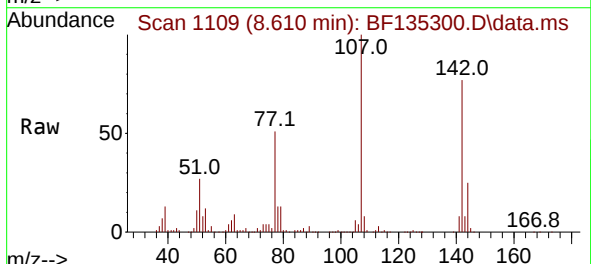
Instrument :
 BNA_F
 ClientSampleId :
 PB154882BS

Tgt Ion:113 Resp: 67762
 Ion Ratio Lower Upper
 113 100
 55 230.1 199.3 239.3
 56 167.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.921 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135300.D
 Acq: 18 Sep 2023 11:44

Tgt Ion:107 Resp: 401475
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.4
 142 76.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.905 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

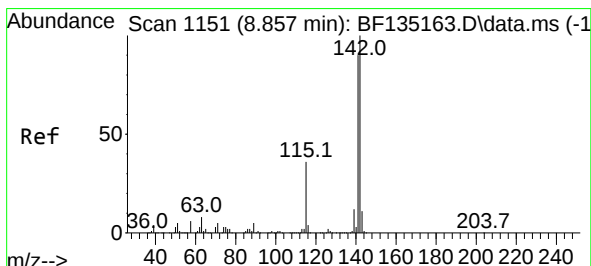
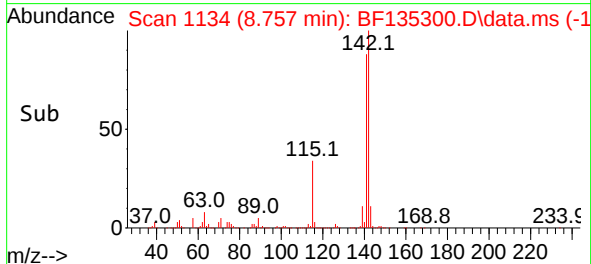
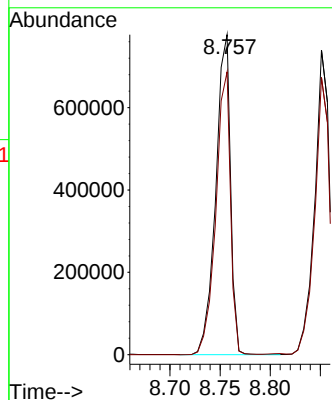
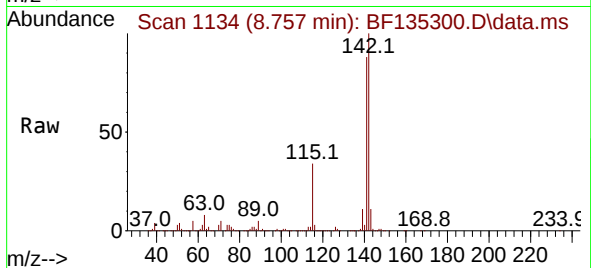
PB154882BS

Tgt Ion:142 Resp: 793258

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.545 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135300.D

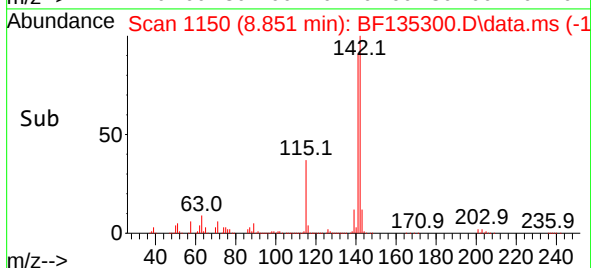
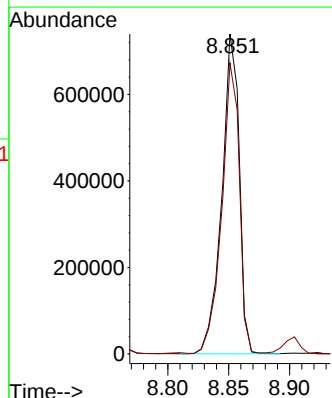
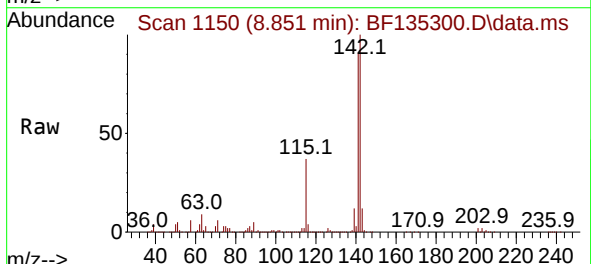
Acq: 18 Sep 2023 11:44

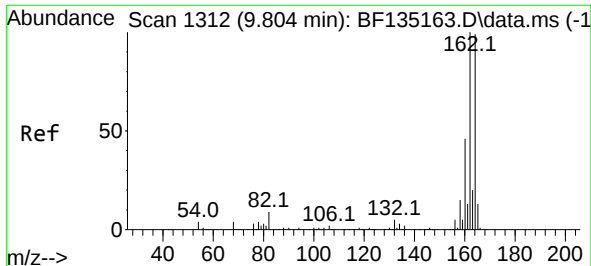
Tgt Ion:142 Resp: 736436

Ion Ratio Lower Upper

142 100

141 91.0 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

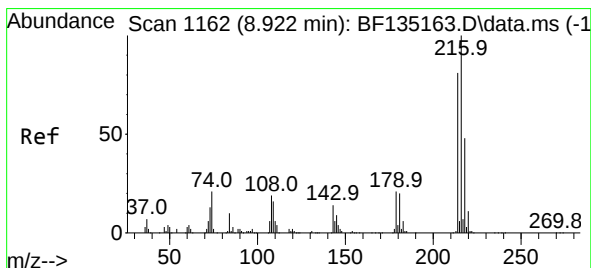
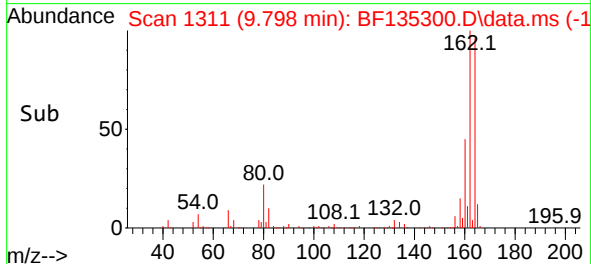
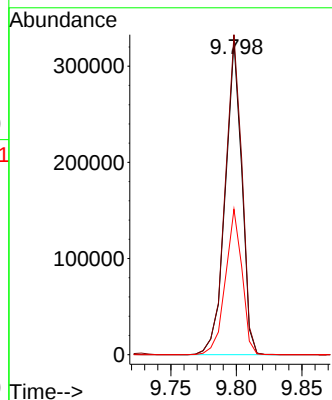
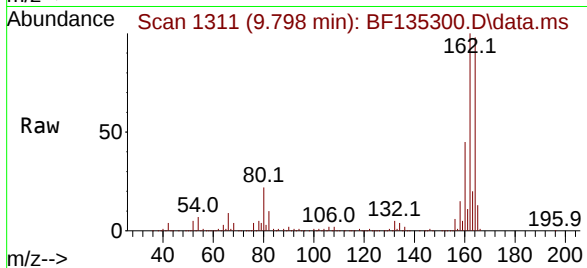
Tgt Ion:164 Resp: 284787

Ion Ratio Lower Upper

164 100

162 102.2 81.0 121.4

160 46.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.104 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Tgt Ion:216 Resp: 372135

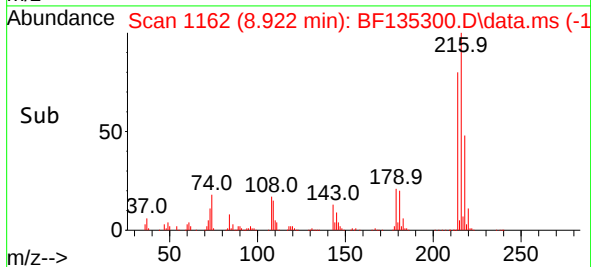
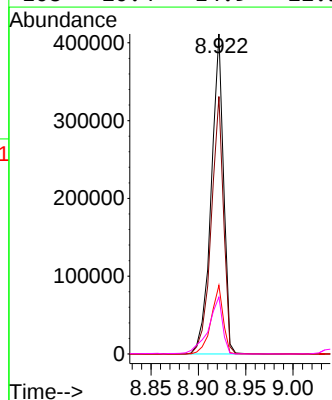
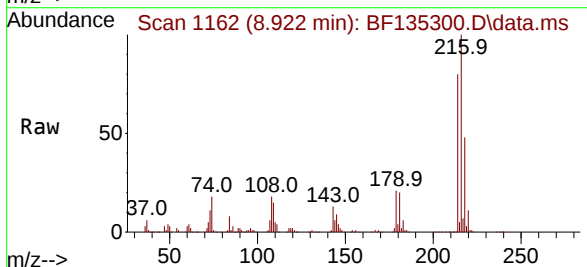
Ion Ratio Lower Upper

216 100

214 79.9 63.7 95.5

179 20.7 16.7 25.1

108 20.4 14.9 22.3

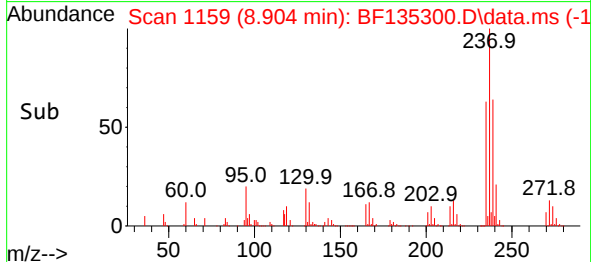
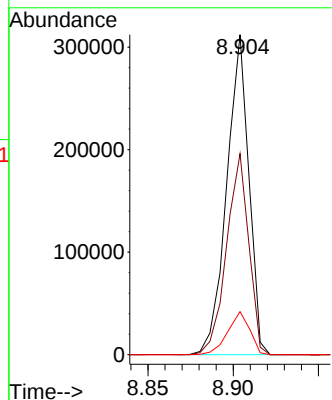
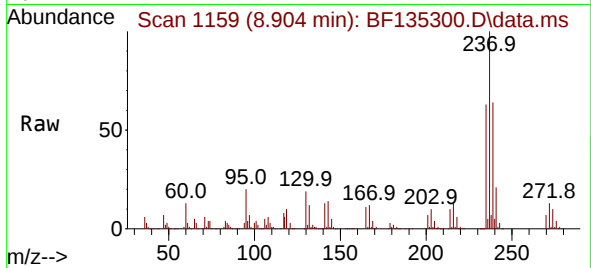




#41
Hexachlorocyclopentadiene
Concen: 77.592 ng
RT: 8.904 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

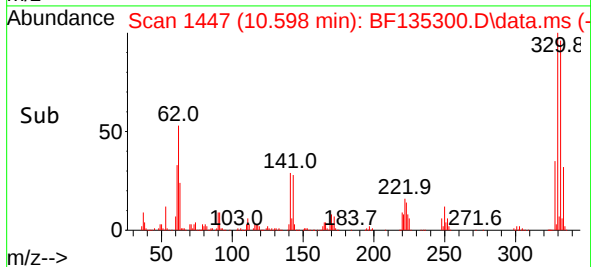
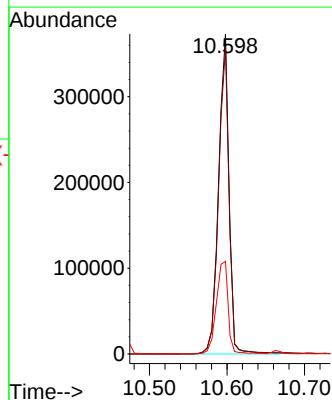
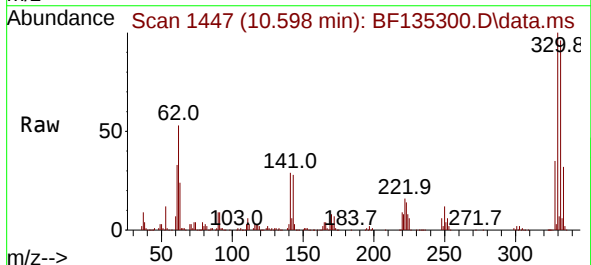
Instrument :
BNA_F
ClientSampleId :
PB154882BS

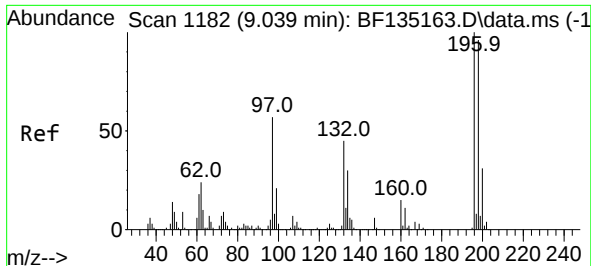
Tgt Ion: 237 Resp: 281190
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 123.861 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 330 Resp: 350539
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 32.6 25.8 38.8

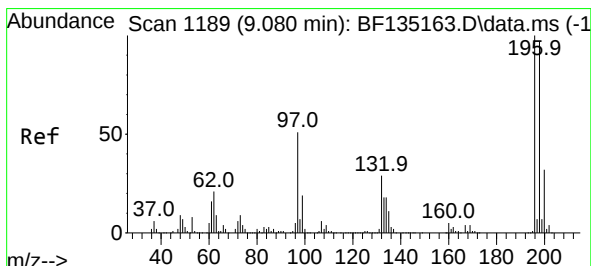
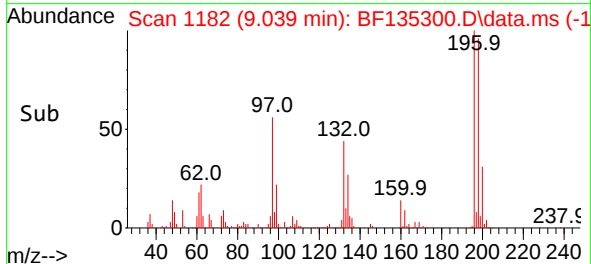
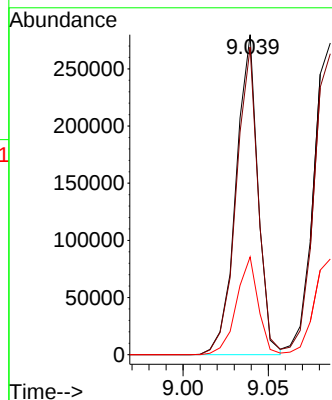
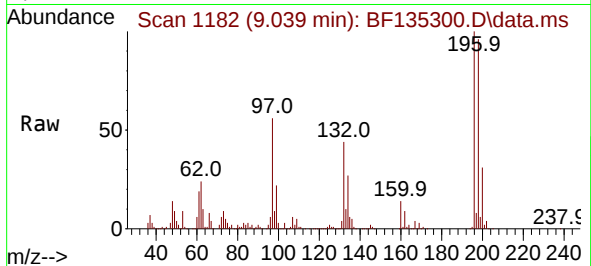




#43
2,4,6-Trichlorophenol
Concen: 46.510 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

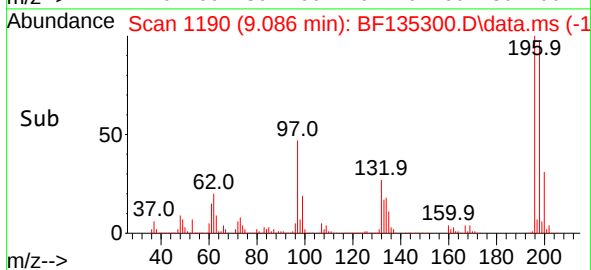
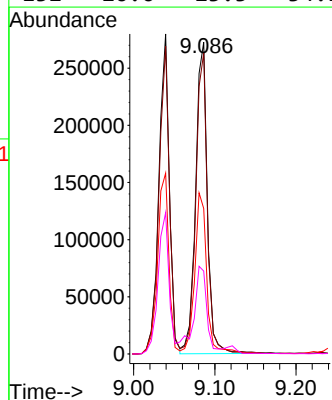
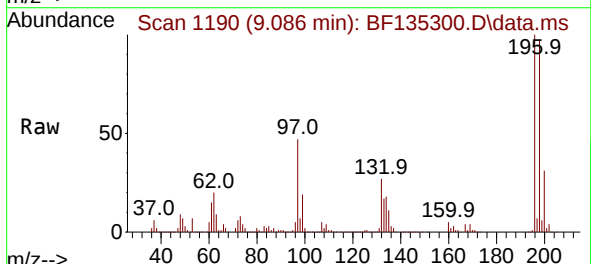
Instrument :
BNA_F
ClientSampleId :
PB154882BS

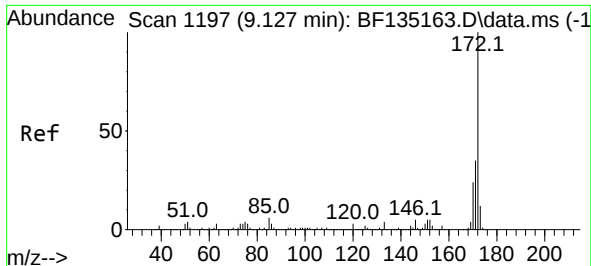
Tgt Ion:196 Resp: 251244
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.6
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 44.328 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:196 Resp: 275761
Ion Ratio Lower Upper
196 100
198 96.6 77.5 116.3
97 46.7 40.5 60.7
132 26.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.895 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

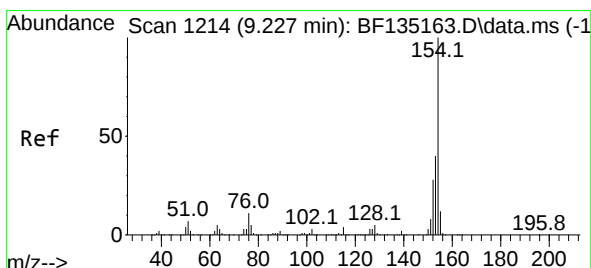
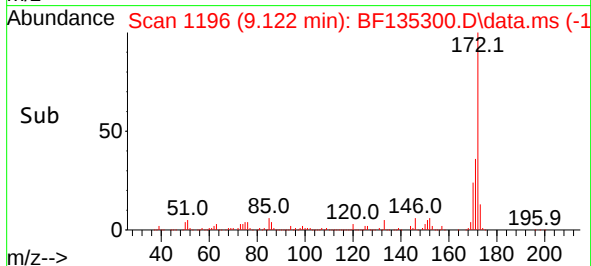
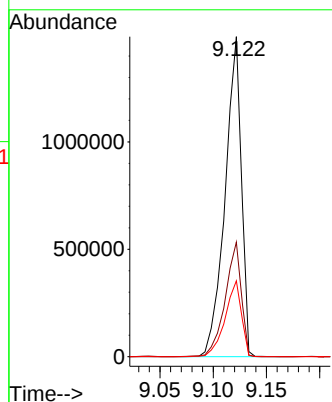
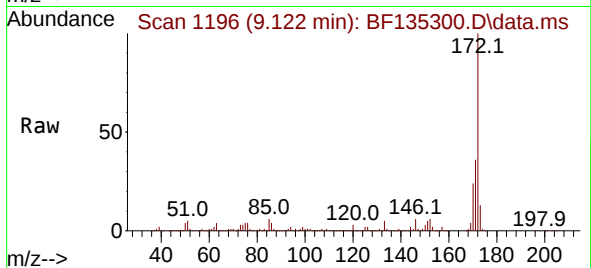
Tgt Ion:172 Resp: 1583613

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.830 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

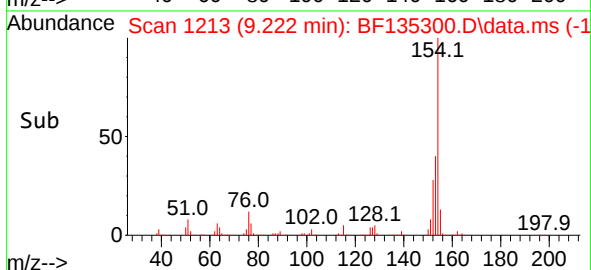
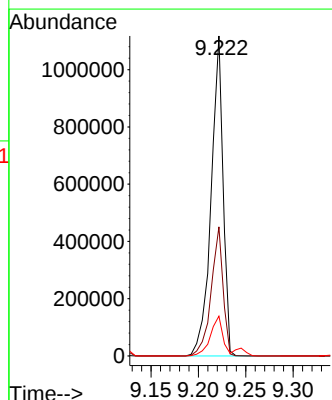
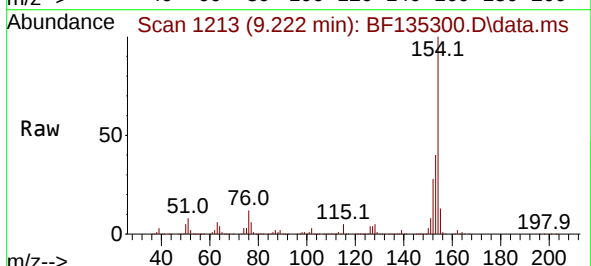
Tgt Ion:154 Resp: 981121

Ion Ratio Lower Upper

154 100

153 40.3 19.6 59.6

76 12.5 0.0 31.0

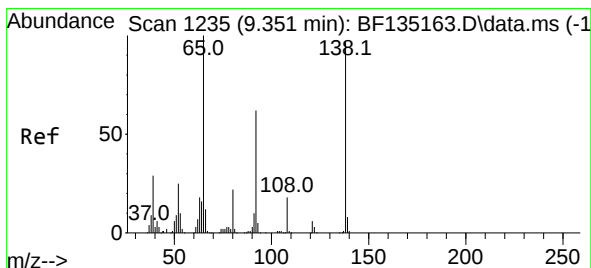
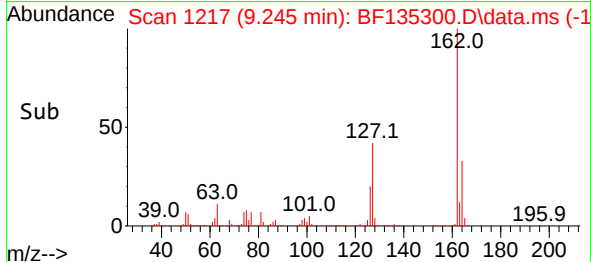
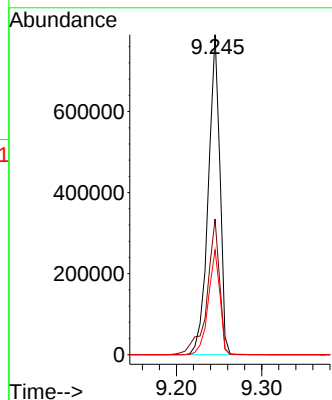
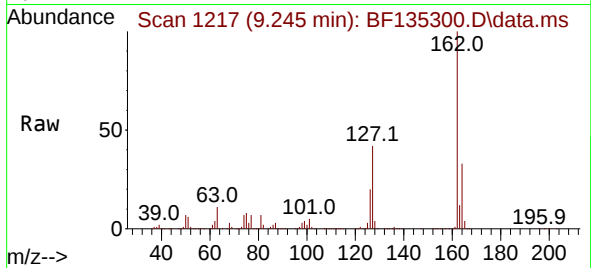




#47
2-Chloronaphthalene
Concen: 46.988 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

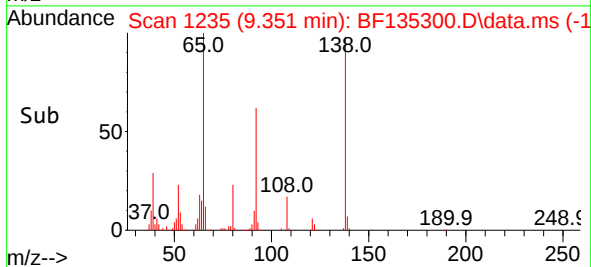
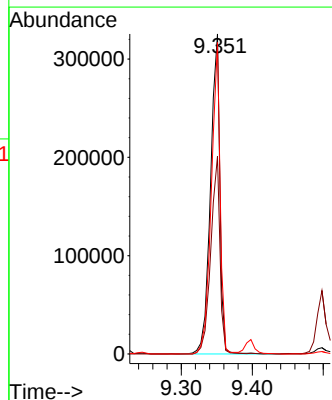
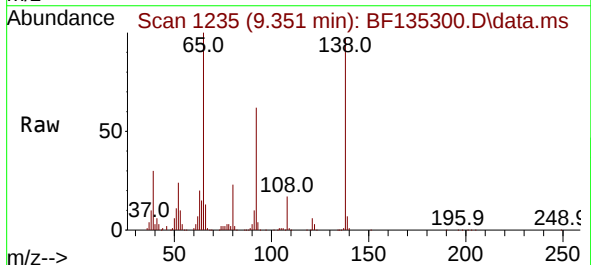
Instrument :
BNA_F
ClientSampleId :
PB154882BS

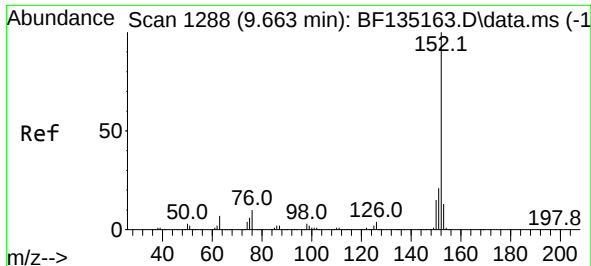
Tgt Ion:162 Resp: 746127
Ion Ratio Lower Upper
162 100
127 42.4 32.6 48.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 48.423 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion: 65 Resp: 298719
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 97.3 77.4 116.0





#49

Acenaphthylene

Concen: 44.238 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

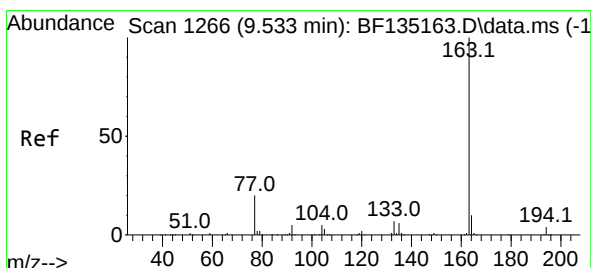
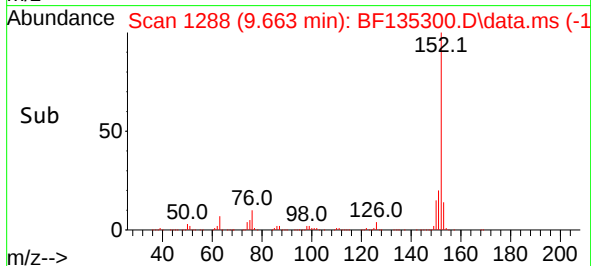
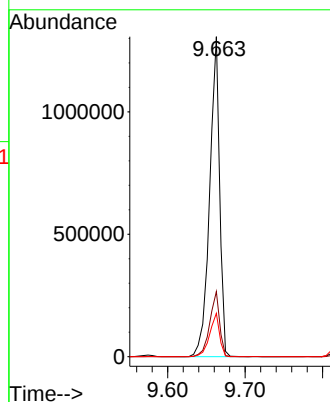
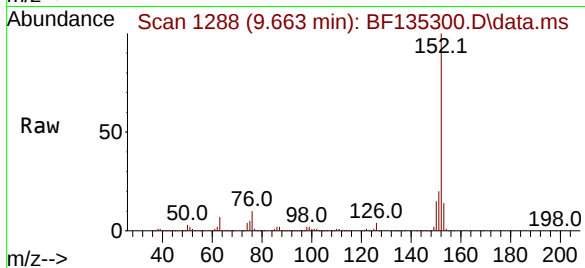
Tgt Ion:152 Resp: 1167432

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 45.990 ng

RT: 9.527 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

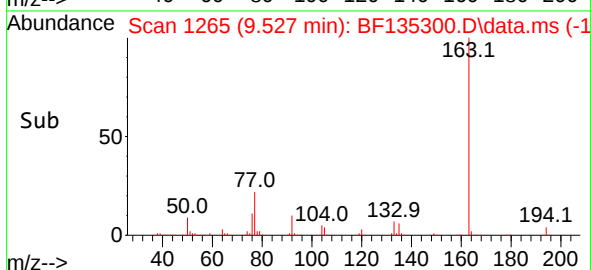
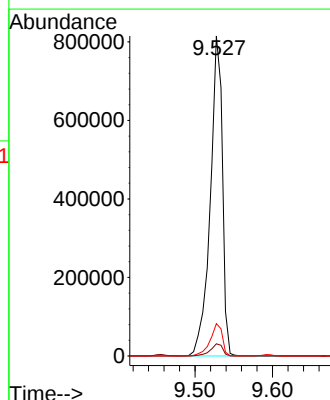
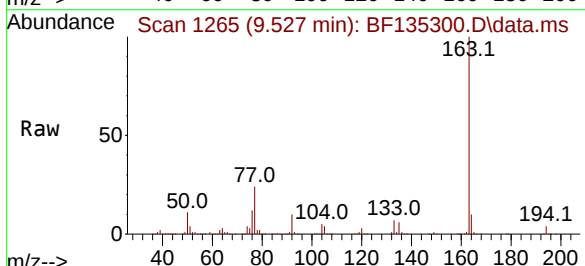
Tgt Ion:163 Resp: 885522

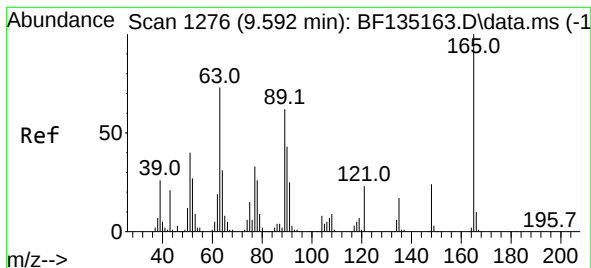
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

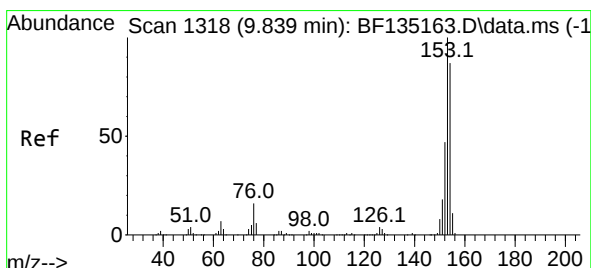
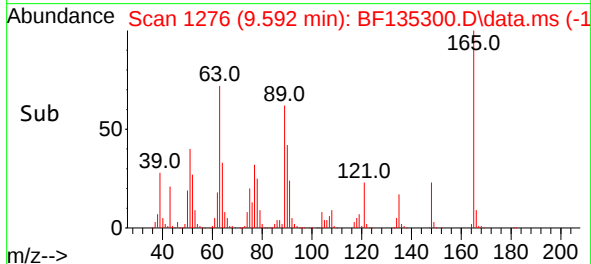
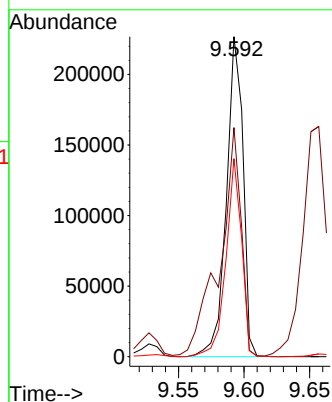
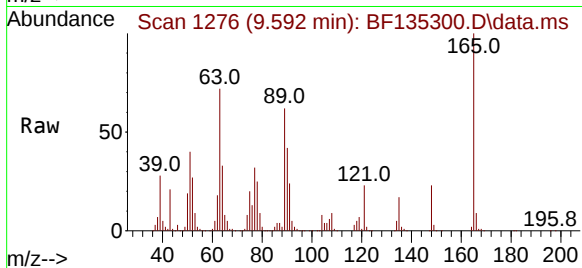




#51
2,6-Dinitrotoluene
Concen: 47.249 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

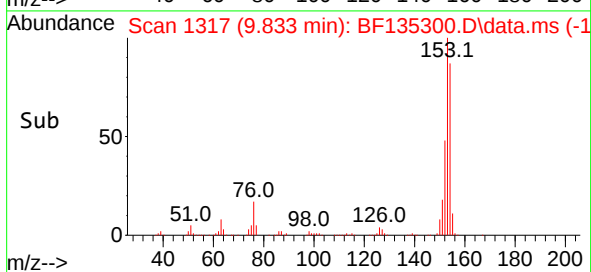
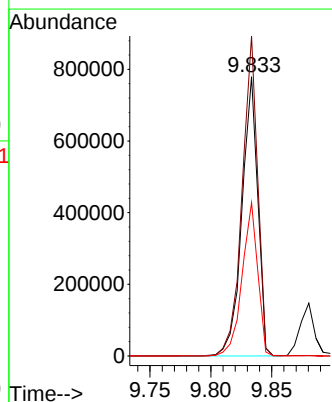
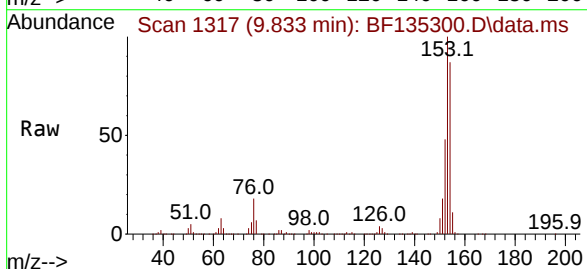
Instrument :
BNA_F
ClientSampleId :
PB154882BS

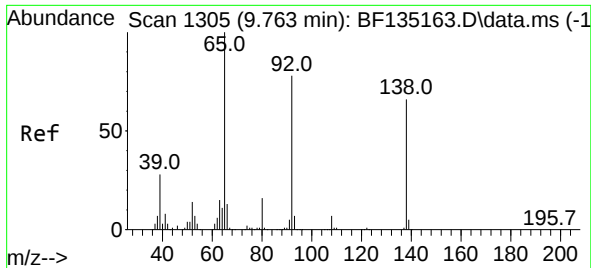
Tgt Ion:165 Resp: 199297
Ion Ratio Lower Upper
165 100
63 71.6 59.4 89.2
89 61.9 49.8 74.8



#52
Acenaphthene
Concen: 45.100 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:154 Resp: 703094
Ion Ratio Lower Upper
154 100
153 114.6 92.1 138.1
152 54.9 43.1 64.7

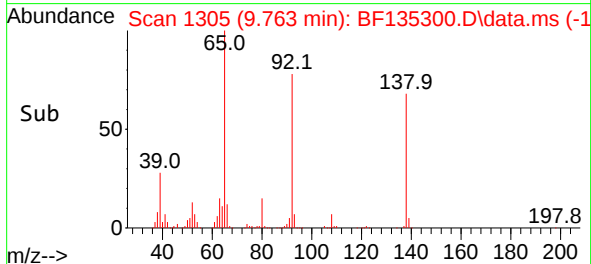
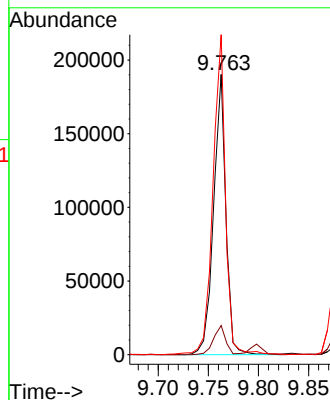
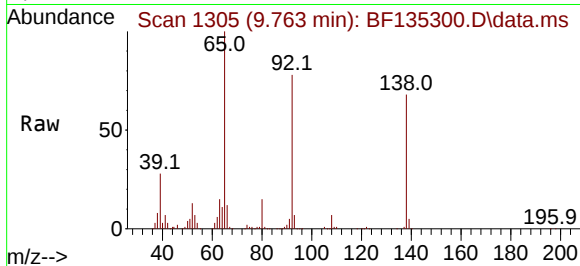




#53
3-Nitroaniline
Concen: 32.748 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

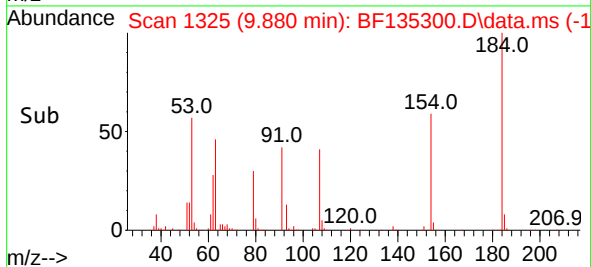
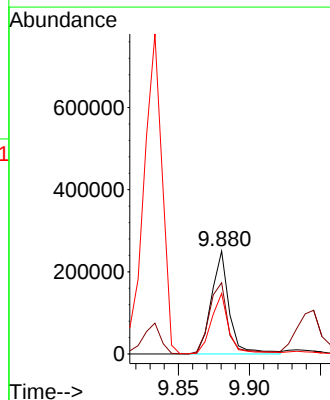
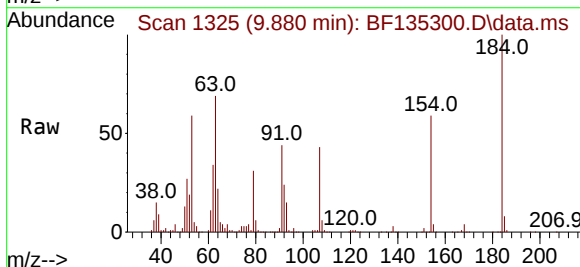
Instrument :
BNA_F
ClientSampleId :
PB154882BS

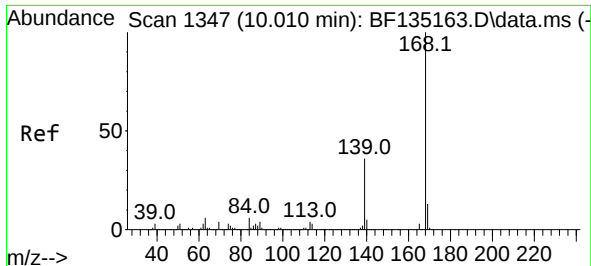
Tgt Ion:138 Resp: 162144
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 114.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 90.233 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:184 Resp: 218142
Ion Ratio Lower Upper
184 100
63 69.3 55.1 82.7
154 58.8 48.4 72.6

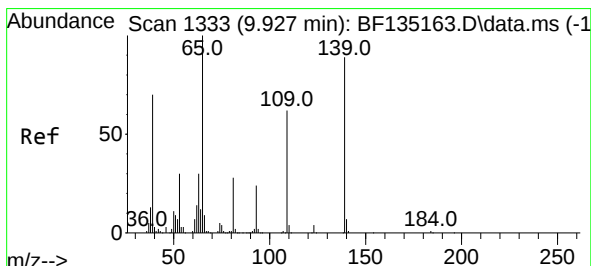
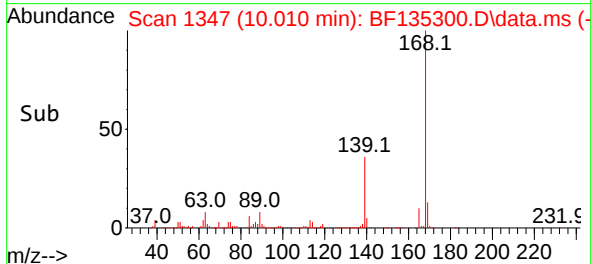
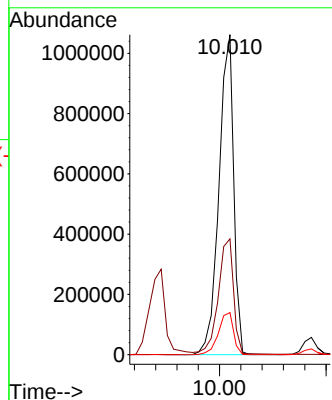
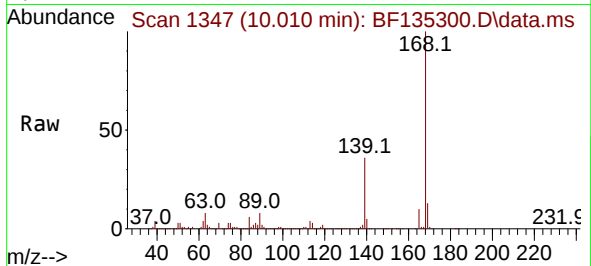




#55
Dibenzenofuran
Concen: 42.658 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

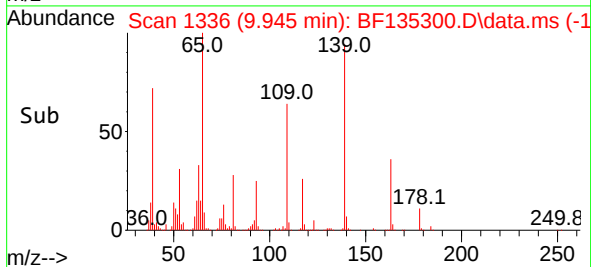
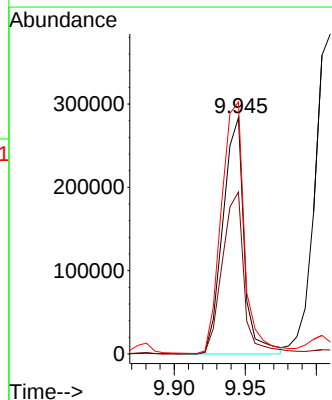
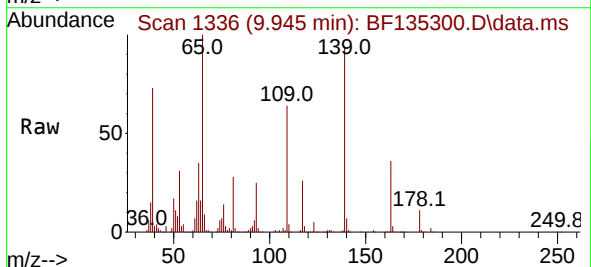
Instrument :
BNA_F
ClientSampleId :
PB154882BS

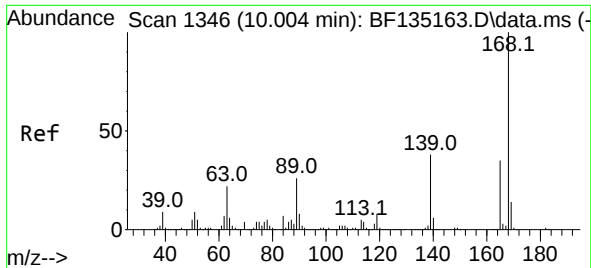
Tgt Ion:168 Resp: 1014814
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.6
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 93.480 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:139 Resp: 294159
Ion Ratio Lower Upper
139 100
109 68.5 49.8 89.8
65 106.6 92.7 132.7

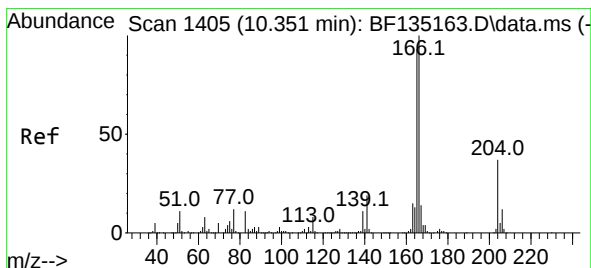
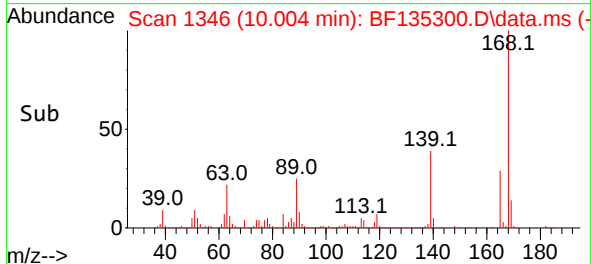
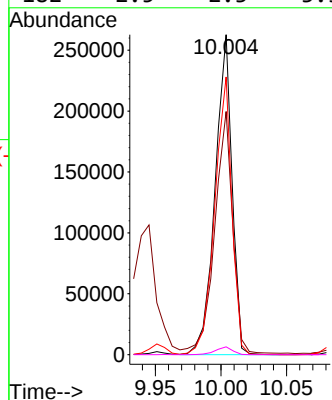
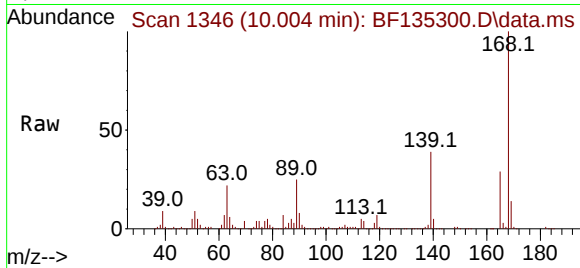




#57
2,4-Dinitrotoluene
Concen: 44.756 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

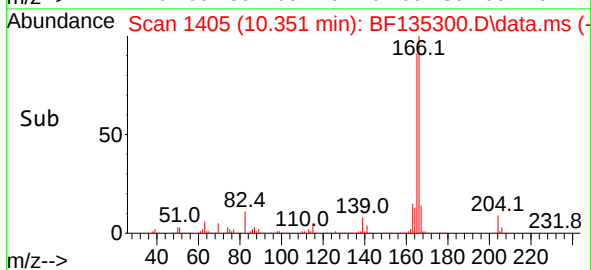
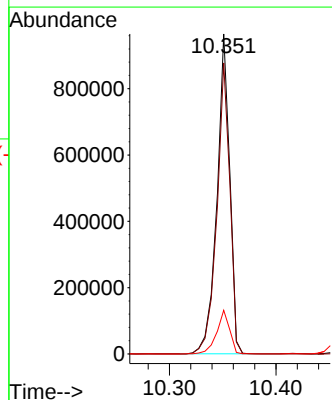
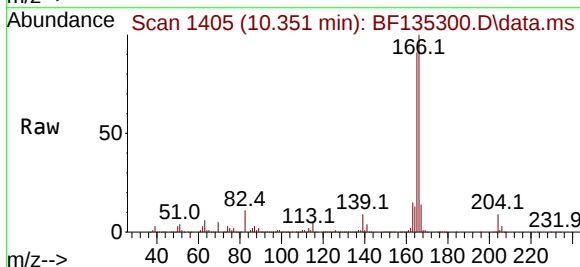
Instrument :
BNA_F
ClientSampleId :
PB154882BS

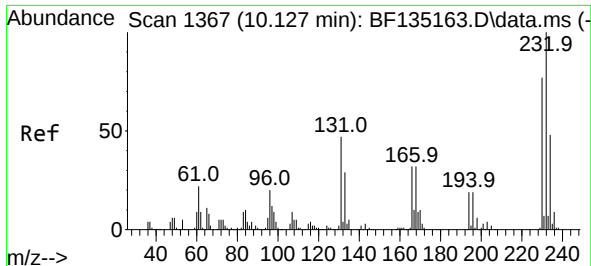
Tgt Ion:165 Resp: 236336
Ion Ratio Lower Upper
165 100
63 76.0 50.1 75.1#
89 86.8 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 44.075 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:166 Resp: 806079
Ion Ratio Lower Upper
166 100
165 91.0 74.3 111.5
167 13.6 10.9 16.3

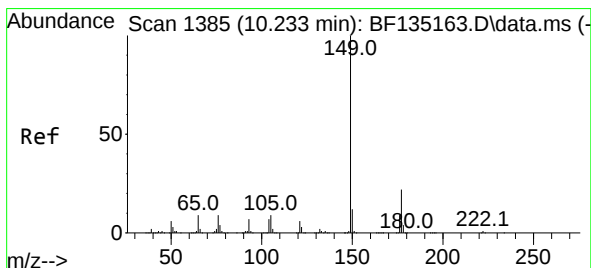
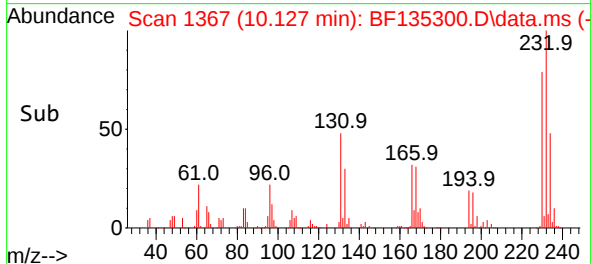
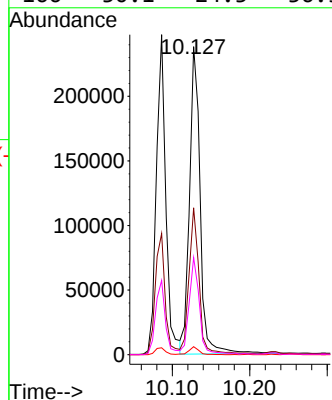
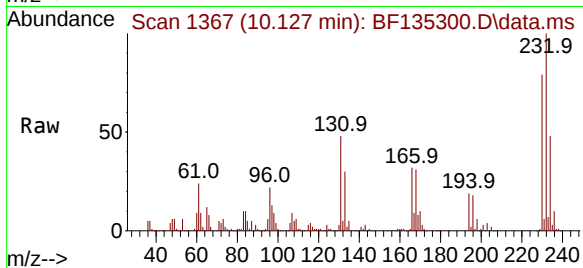




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.259 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

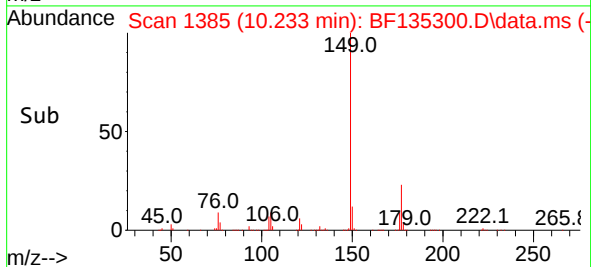
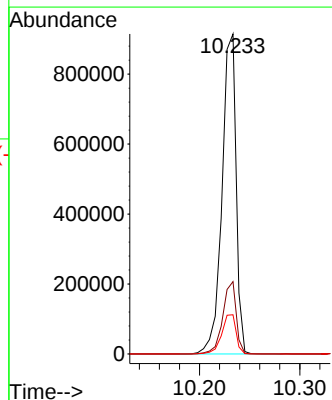
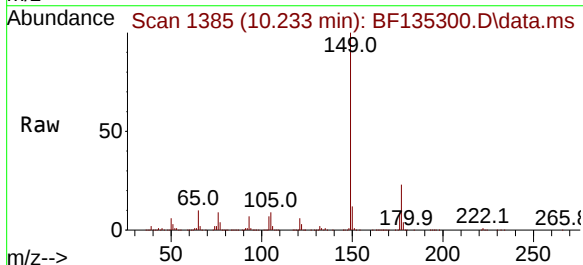
Instrument :
BNA_F
ClientSampleId :
PB154882BS

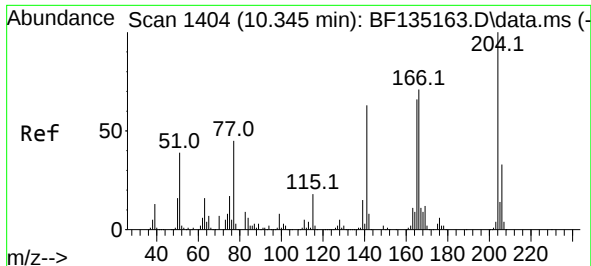
Tgt Ion:232 Resp: 226156
Ion Ratio Lower Upper
232 100
131 44.5 35.4 53.2
130 2.5 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 46.158 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:149 Resp: 891946
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.3 10.0 15.0

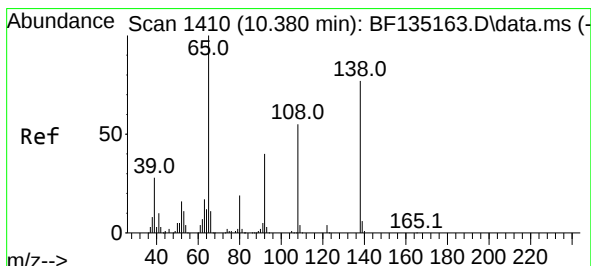
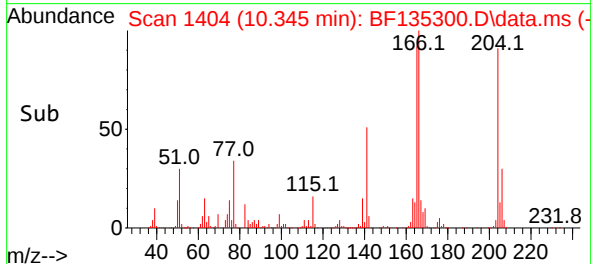
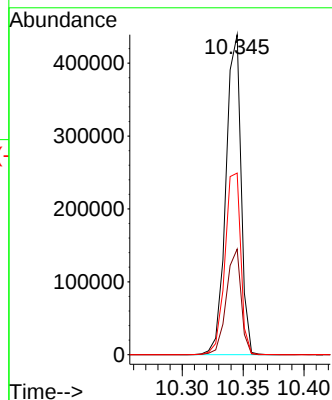
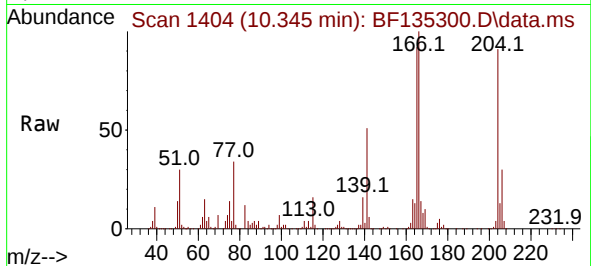




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

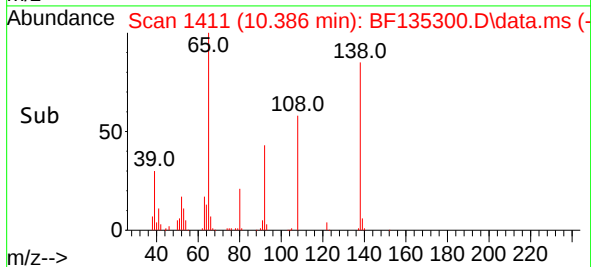
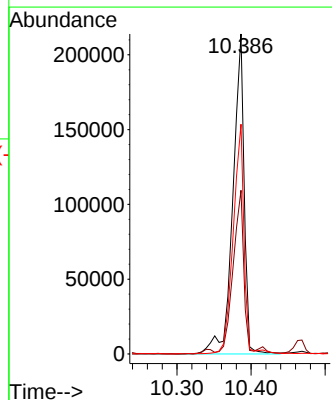
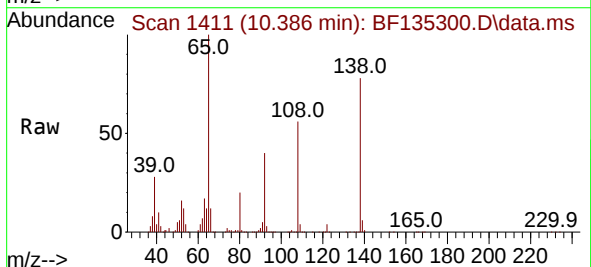
Instrument :
BNA_F
ClientSampleId :
PB154882BS

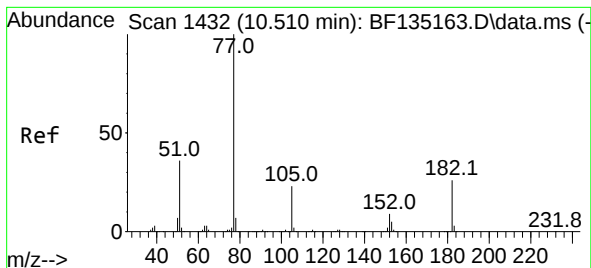
Tgt Ion:204 Resp: 380353
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 56.7 50.6 75.8



#62
4-Nitroaniline
Concen: 47.414 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:138 Resp: 225659
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 71.8 52.0 92.0





#63

Azobenzene

Concen: 47.339 ng

RT: 10.504 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

Tgt Ion: 77 Resp: 895270

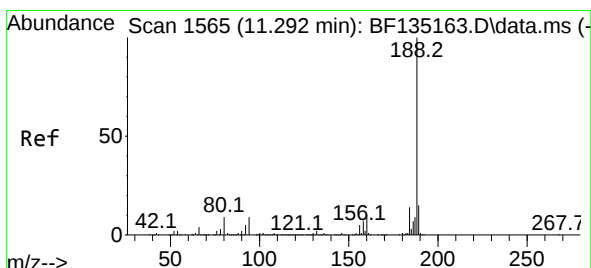
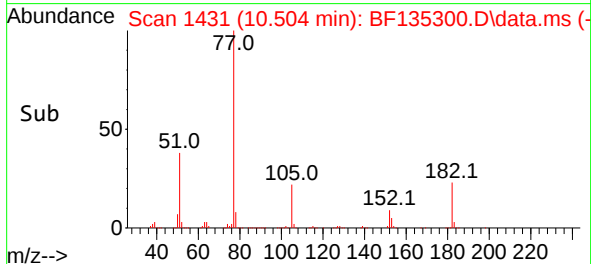
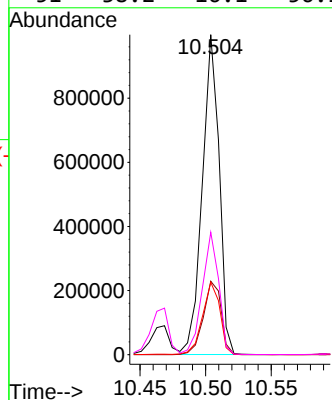
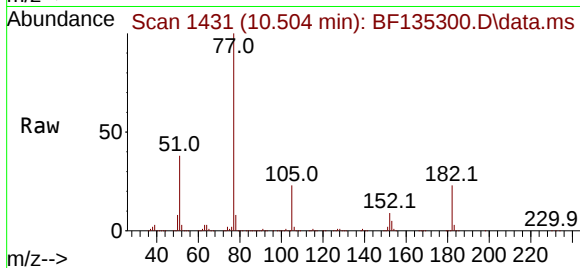
Ion Ratio Lower Upper

77 100

182 23.0 6.4 46.4

105 22.6 3.1 43.1

51 38.2 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

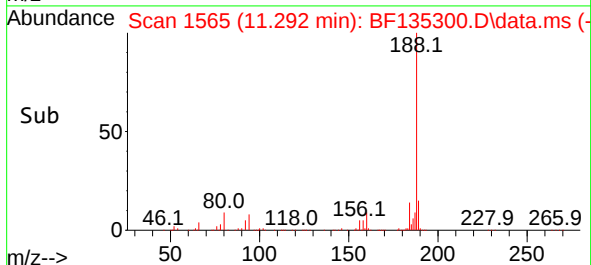
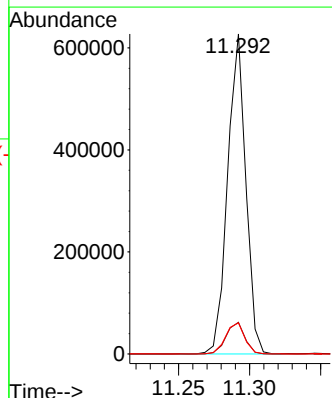
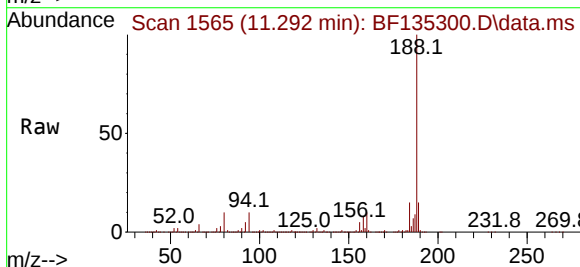
Tgt Ion: 188 Resp: 558143

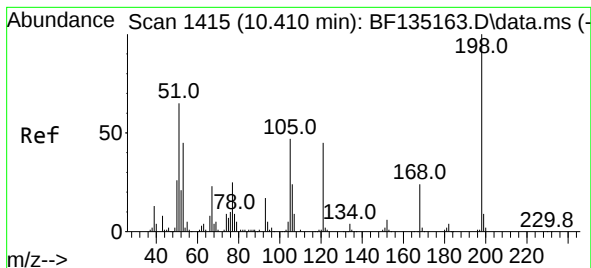
Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 9.7 7.5 11.3

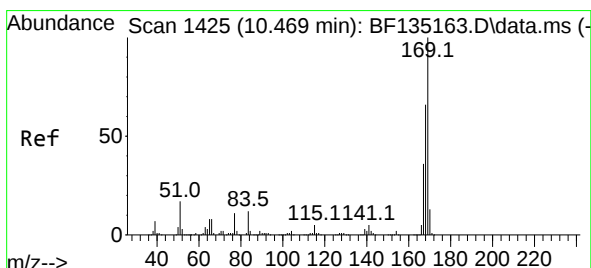
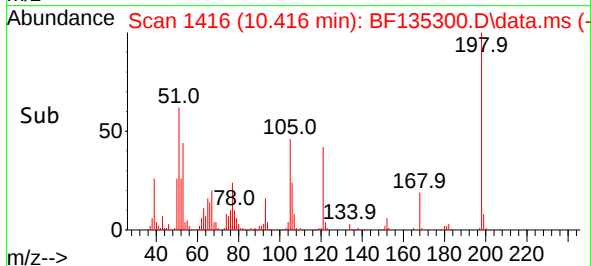
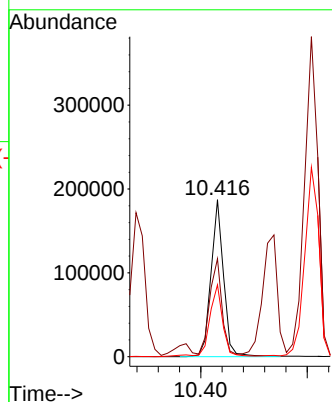
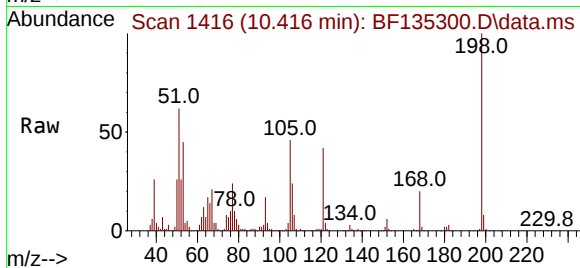




#65
4,6-Dinitro-2-methylphenol
Concen: 51.718 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

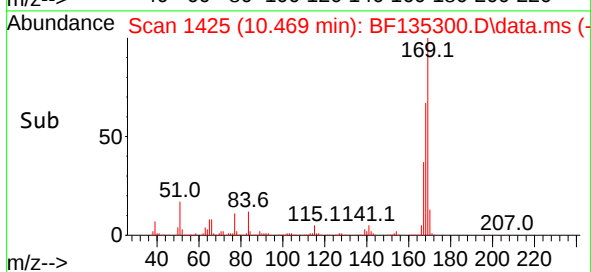
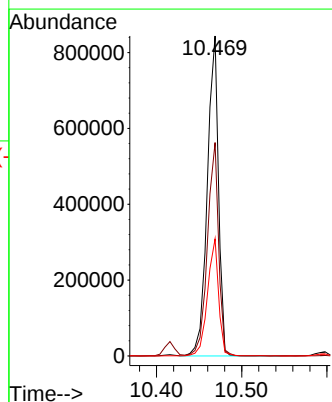
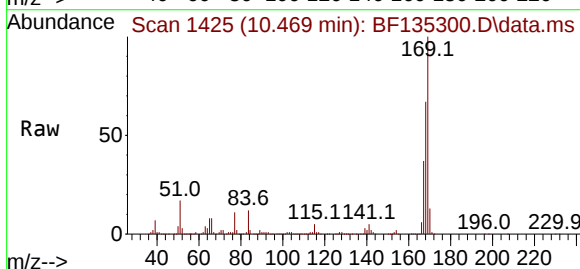
Instrument :
BNA_F
ClientSampleId :
PB154882BS

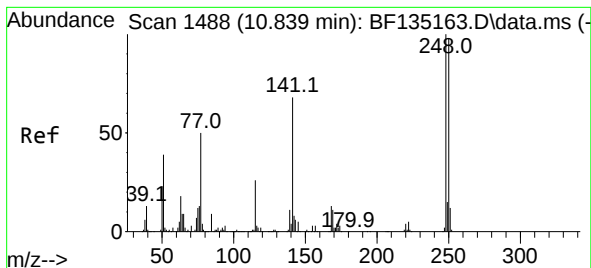
Tgt Ion:198 Resp: 153318
Ion Ratio Lower Upper
198 100
51 62.4 47.7 87.7
105 45.8 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.427 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:169 Resp: 767599
Ion Ratio Lower Upper
169 100
168 66.7 52.8 79.2
167 36.6 29.0 43.6

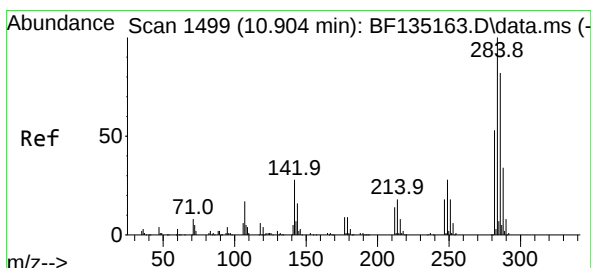
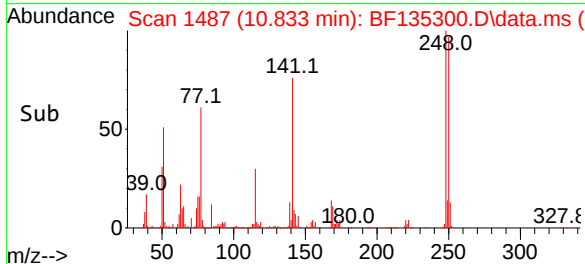
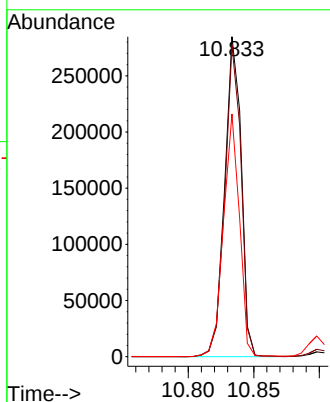
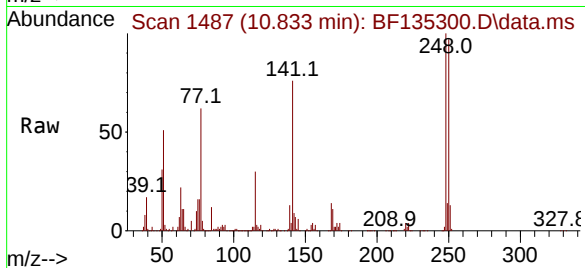




#67
4-Bromophenyl-phenylether
Concen: 45.129 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

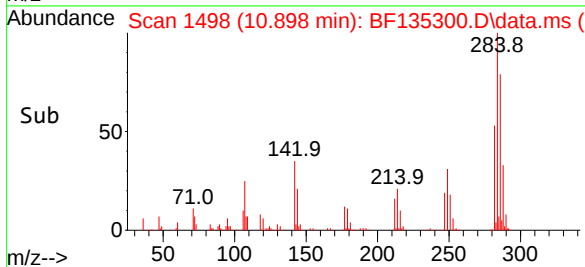
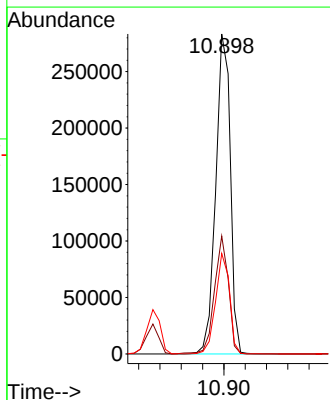
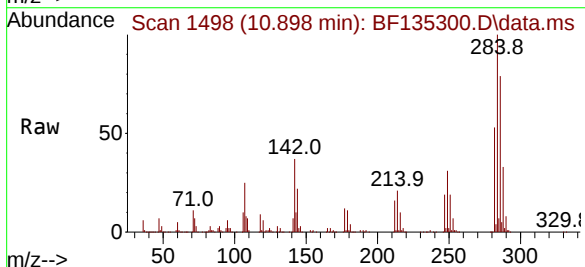
Instrument :
BNA_F
ClientSampleId :
PB154882BS

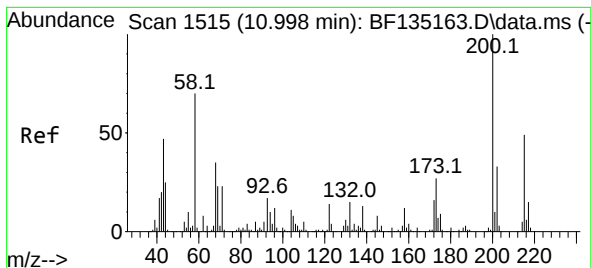
Tgt Ion:248 Resp: 250515
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 75.9 54.2 81.2



#68
Hexachlorobenzene
Concen: 47.245 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:284 Resp: 267186
Ion Ratio Lower Upper
284 100
142 36.9 22.2 33.4#
249 31.4 22.5 33.7





#69

Atrazine

Concen: 54.708 ng

RT: 11.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

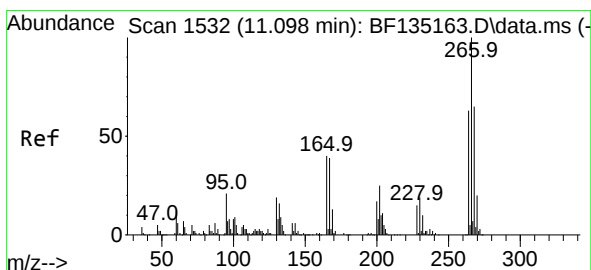
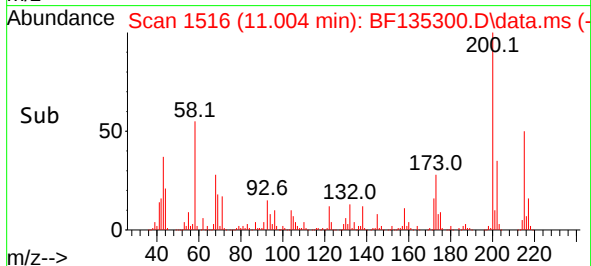
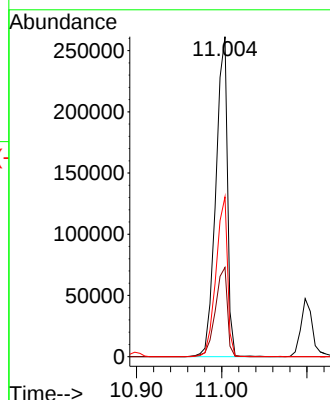
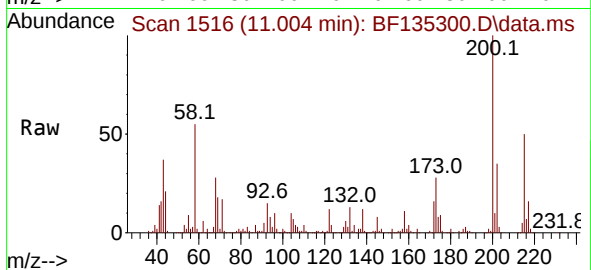
Tgt Ion:200 Resp: 248740

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 50.0 28.6 68.6



#70

Pentachlorophenol

Concen: 79.346 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

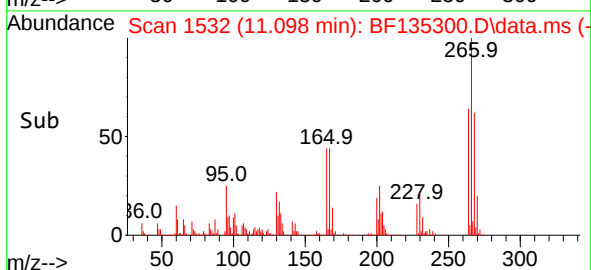
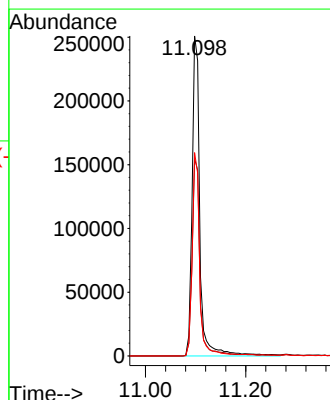
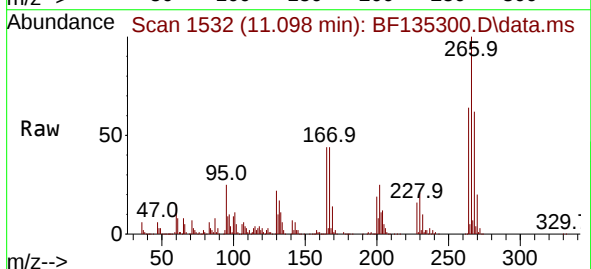
Tgt Ion:266 Resp: 268474

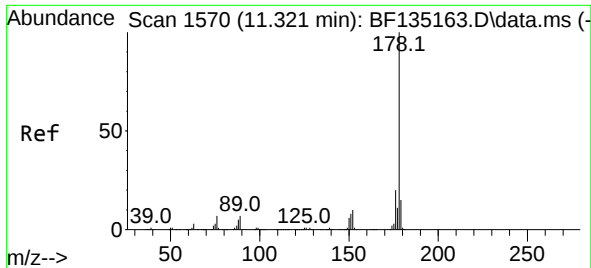
Ion Ratio Lower Upper

266 100

268 61.6 52.1 78.1

264 63.5 50.8 76.2

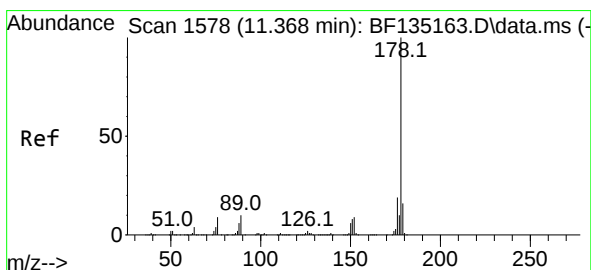
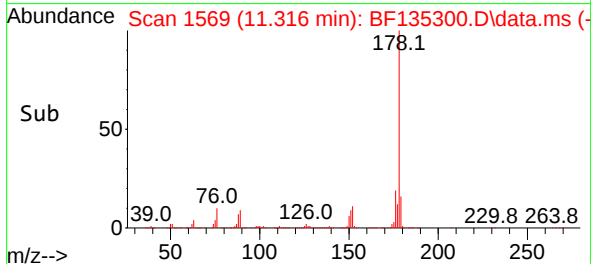
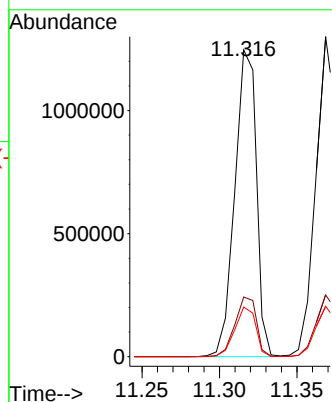
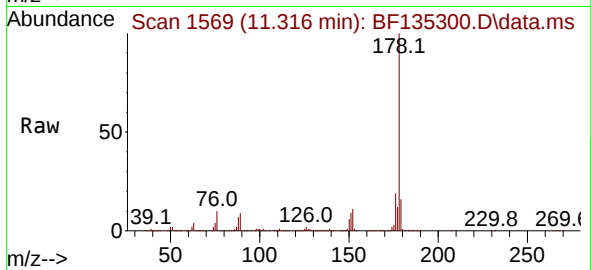




#71
Phenanthrene
Concen: 45.809 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

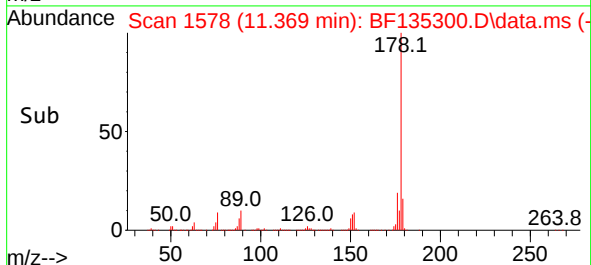
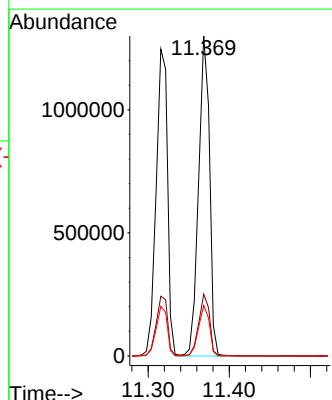
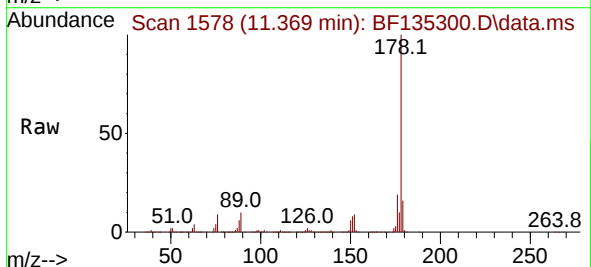
Instrument :
BNA_F
ClientSampleId :
PB154882BS

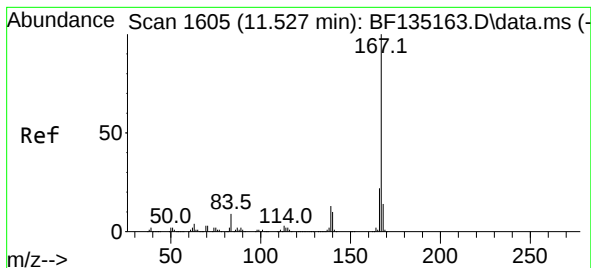
Tgt Ion:178 Resp: 1209255
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.2 12.0 18.0



#72
Anthracene
Concen: 45.221 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:178 Resp: 1227020
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.6 19.0





#73

Carbazole

Concen: 47.622 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

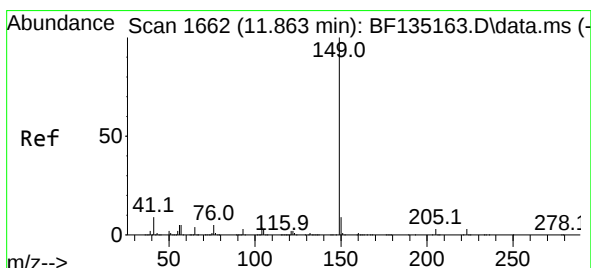
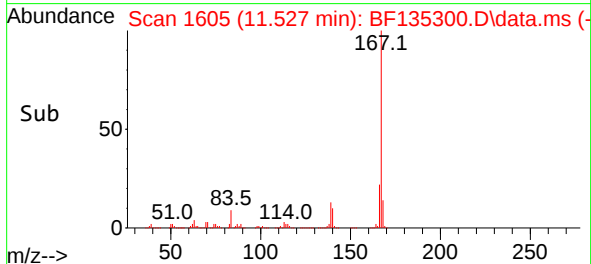
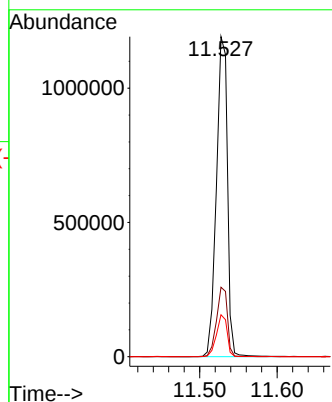
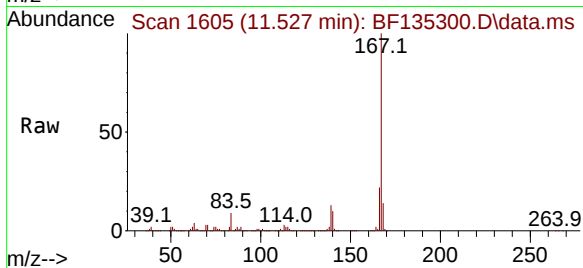
BNA_F

ClientSampleId :

PB154882BS

Tgt Ion:167 Resp: 1176302

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.1	10.6	15.8



#74

Di-n-butylphthalate

Concen: 47.394 ng

RT: 11.863 min Scan# 1662

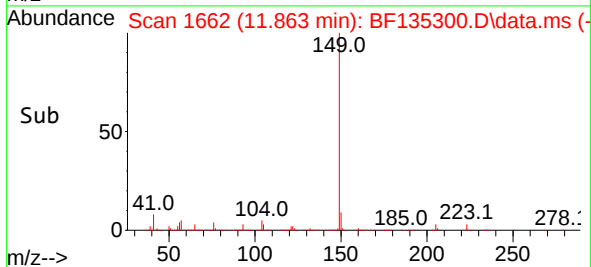
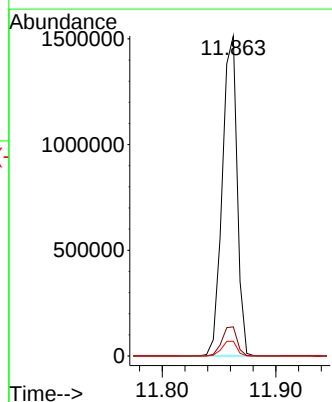
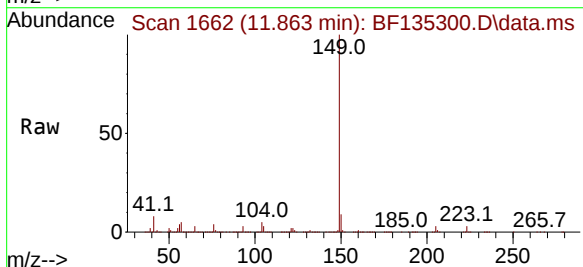
Delta R.T. 0.000 min

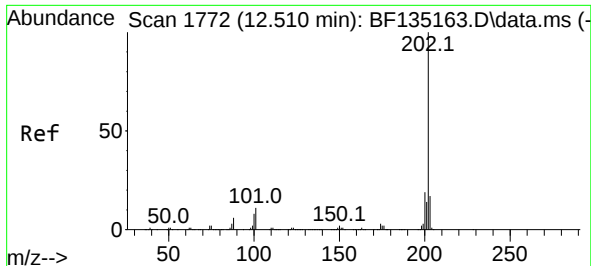
Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Tgt Ion:149 Resp: 1379440

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.6	3.6	5.4

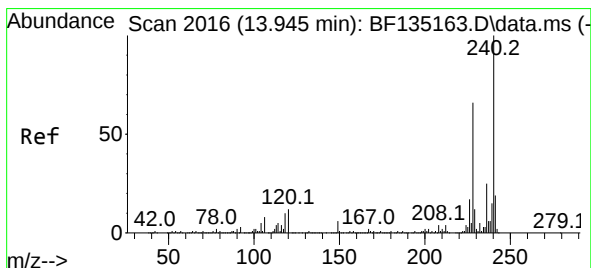
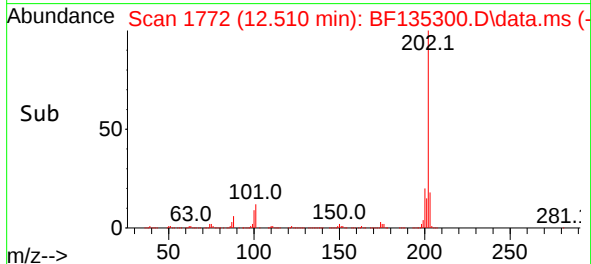
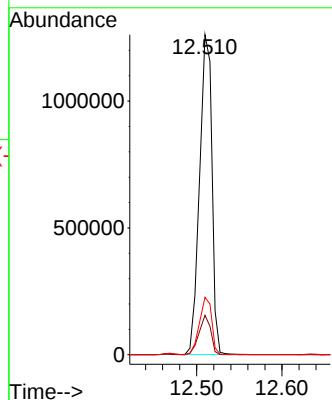
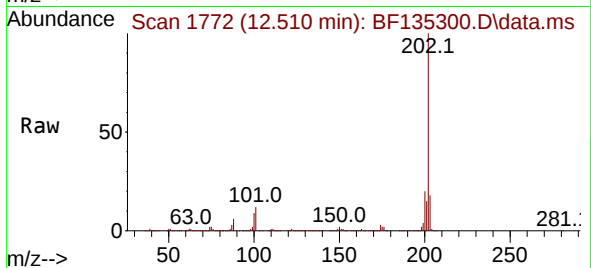




#75
Fluoranthene
Concen: 46.337 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

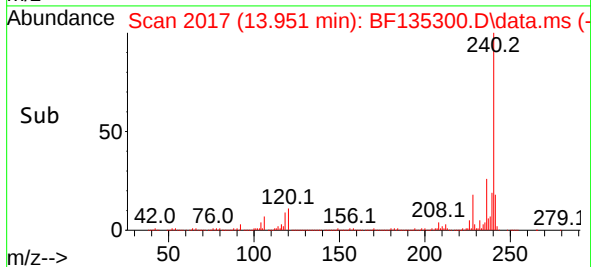
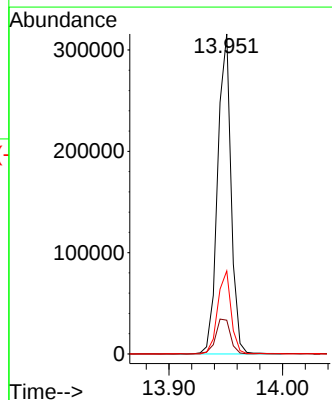
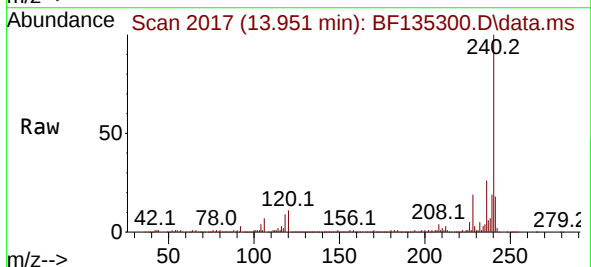
Instrument :
BNA_F
ClientSampleId :
PB154882BS

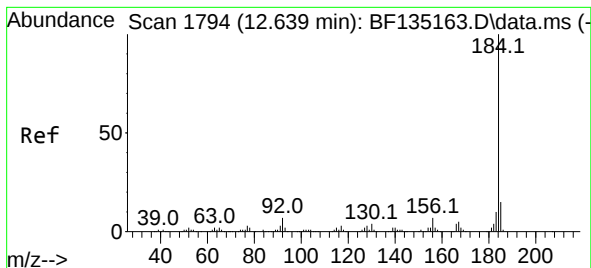
Tgt Ion:202 Resp: 1274558
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:240 Resp: 258958
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.0 19.8 29.8





#77

Benzidine

Concen: 61.689 ng

RT: 12.633 min Scan# 1793

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

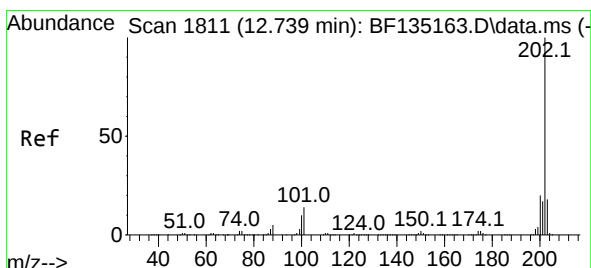
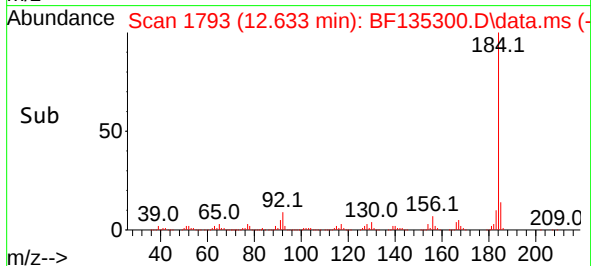
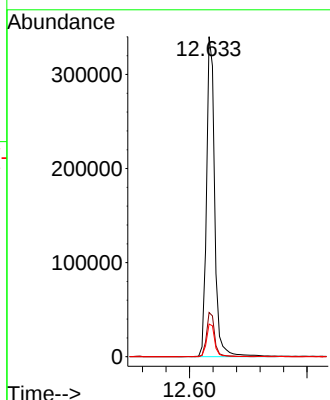
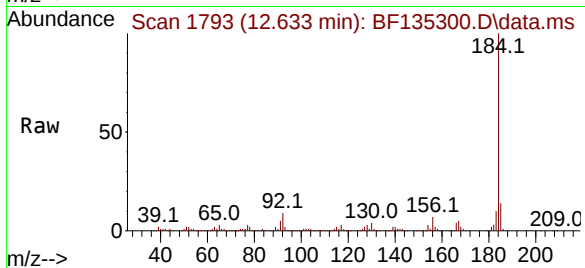
Tgt Ion:184 Resp: 327276

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

183 10.2 8.2 12.4



#78

Pyrene

Concen: 52.274 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

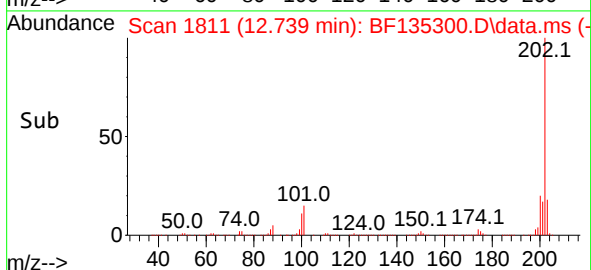
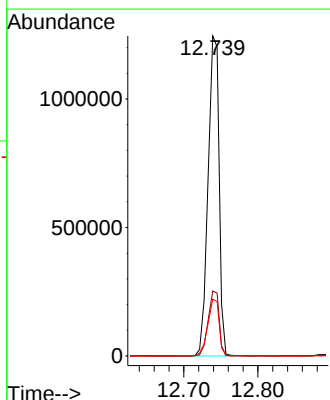
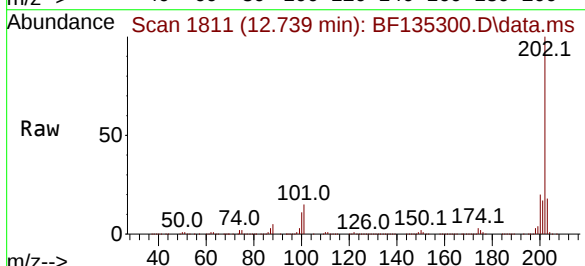
Tgt Ion:202 Resp: 1288799

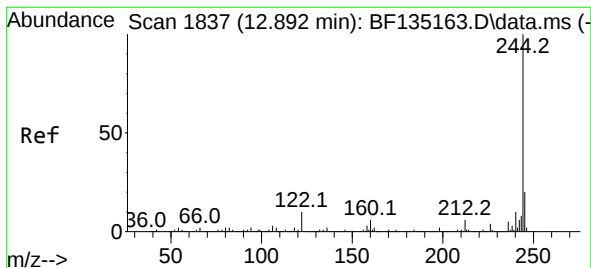
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 95.749 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

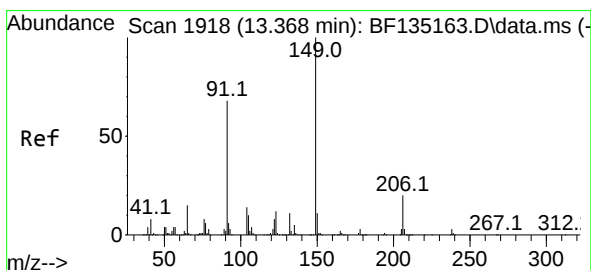
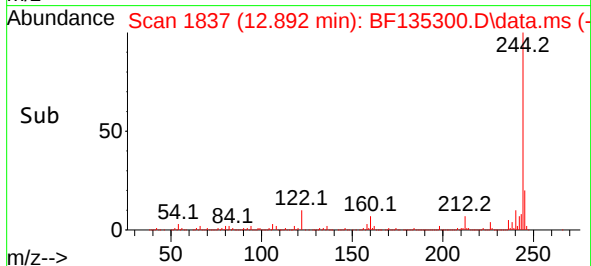
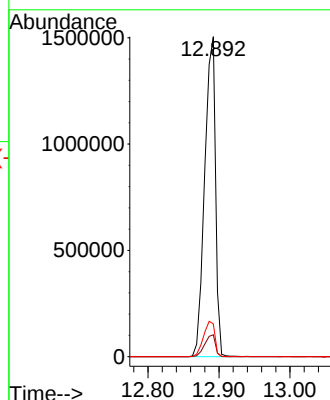
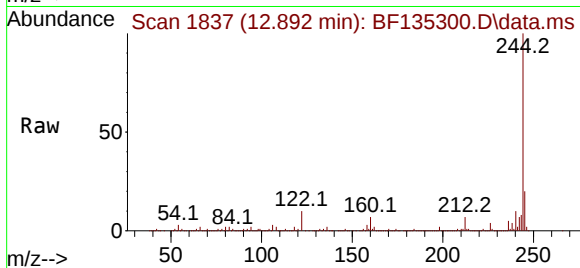
Tgt Ion:244 Resp: 1599476

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 10.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 54.605 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

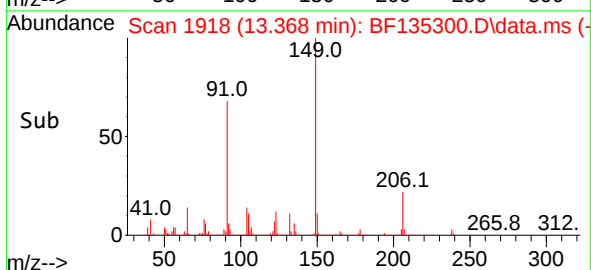
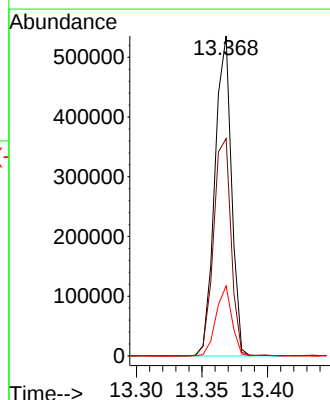
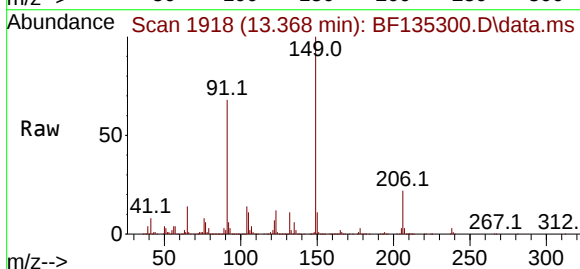
Tgt Ion:149 Resp: 474004

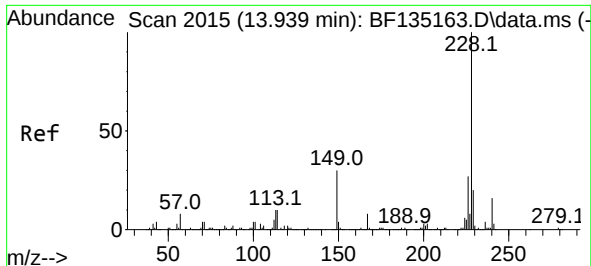
Ion Ratio Lower Upper

149 100

91 67.9 54.7 82.1

206 21.9 16.3 24.5

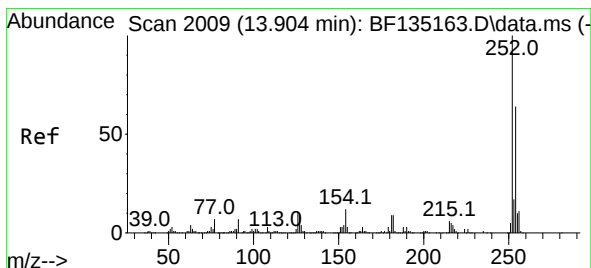
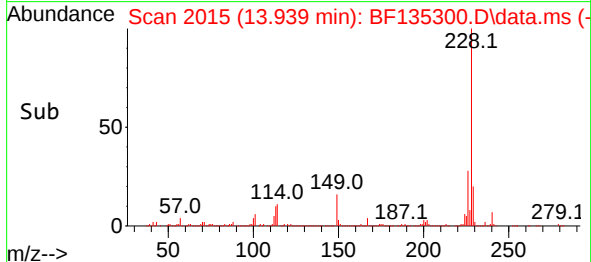
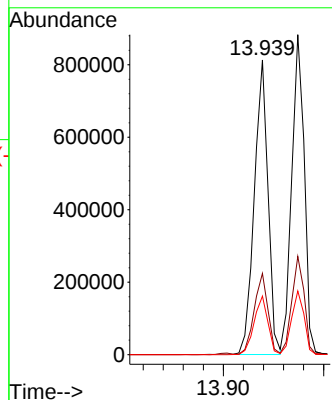
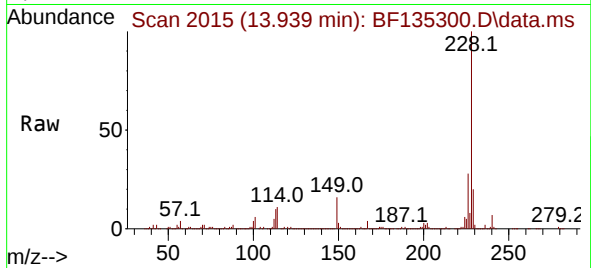




#81
Benzo(a)anthracene
Concen: 46.237 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

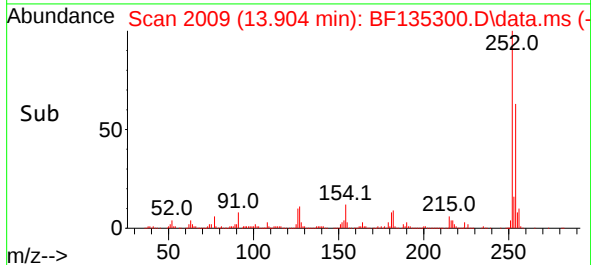
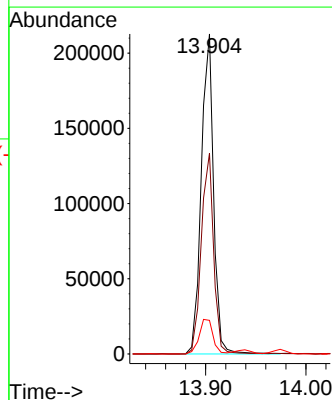
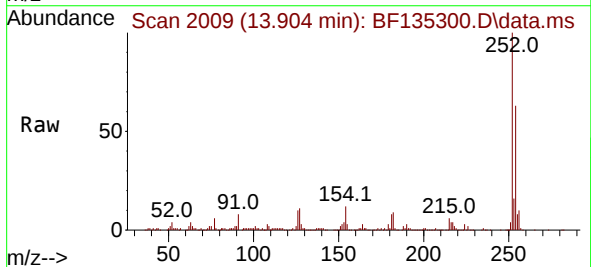
Instrument :
BNA_F
ClientSampleId :
PB154882BS

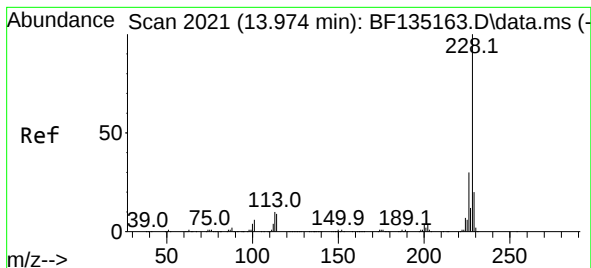
Tgt Ion:228 Resp: 773164
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.785 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:252 Resp: 181685
Ion Ratio Lower Upper
252 100
254 62.8 51.0 76.4
126 10.5 7.8 11.8





#83

Chrysene

Concen: 46.327 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

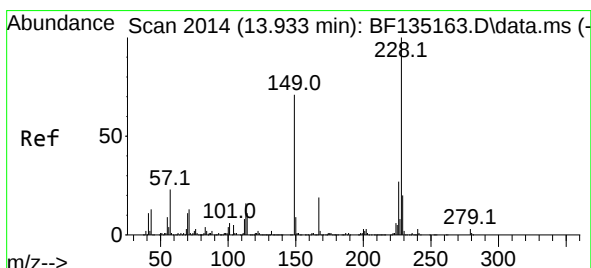
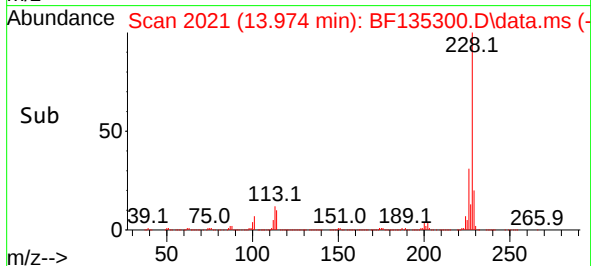
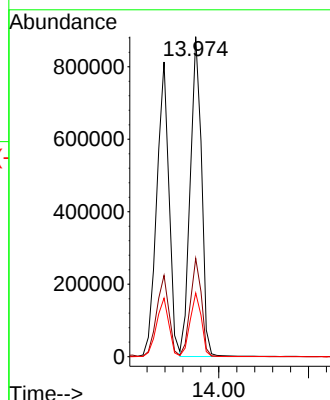
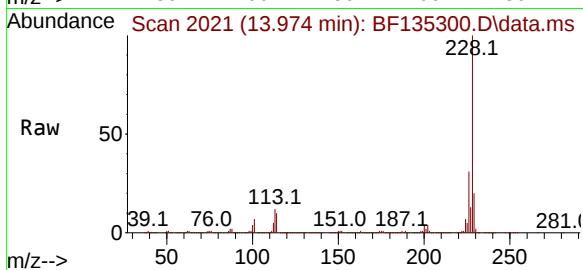
Tgt Ion:228 Resp: 770197

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.283 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

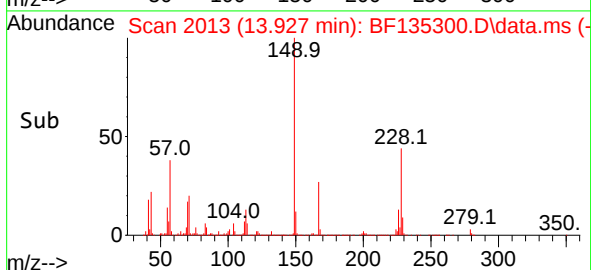
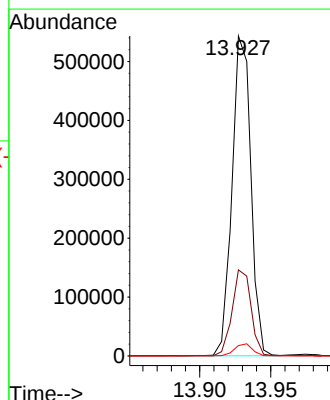
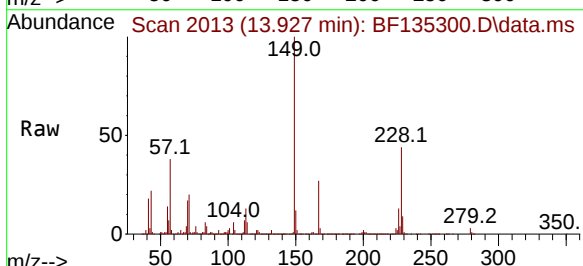
Tgt Ion:149 Resp: 501357

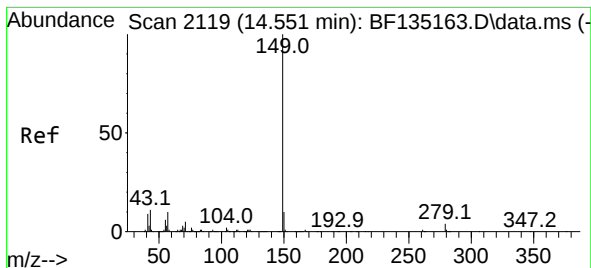
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.3 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 54.137 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

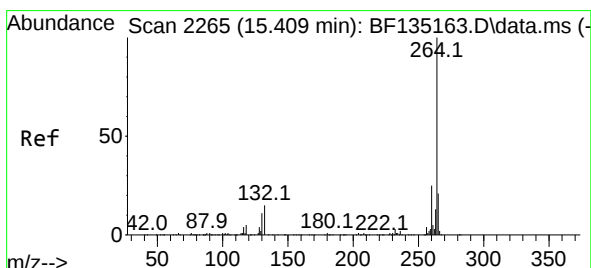
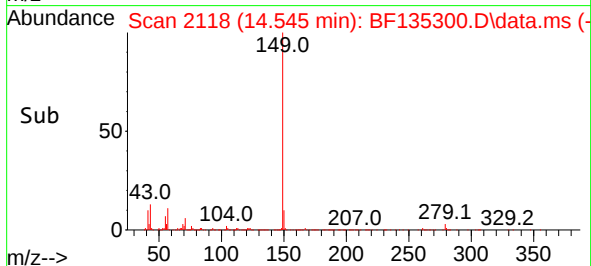
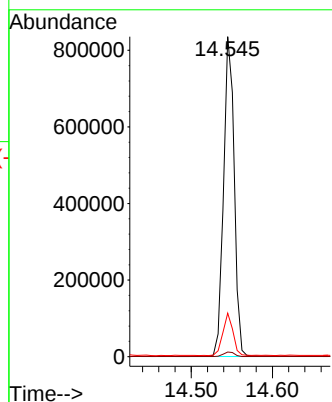
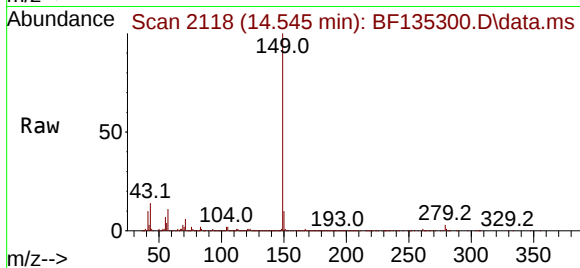
Tgt Ion:149 Resp: 766372

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

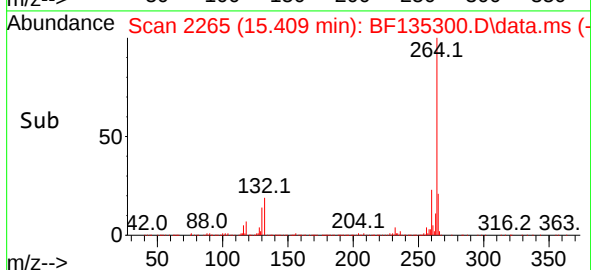
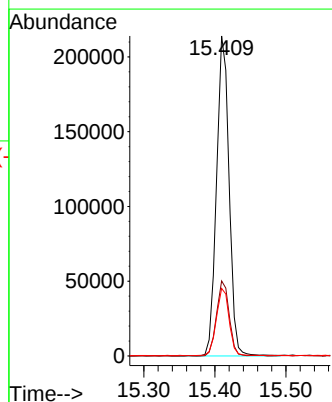
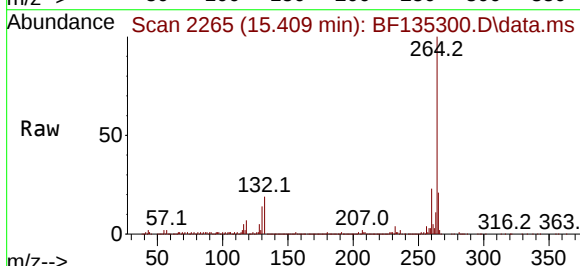
Tgt Ion:264 Resp: 262283

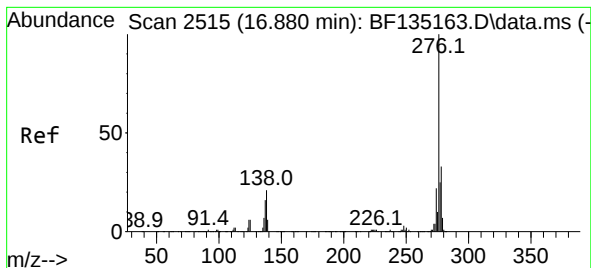
Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.020 ng

RT: 16.898 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB154882BS

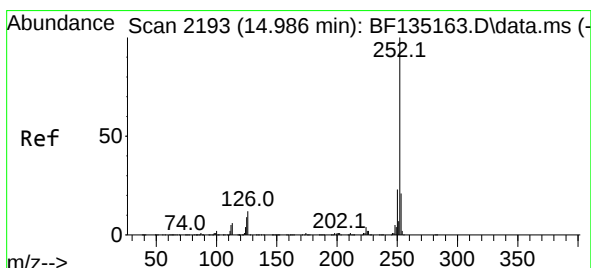
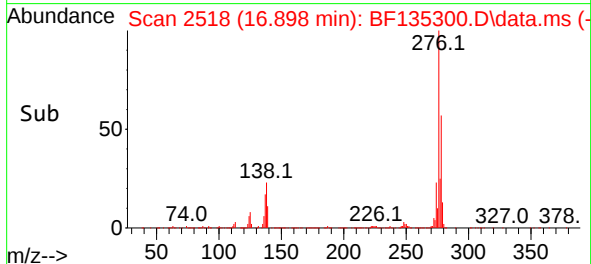
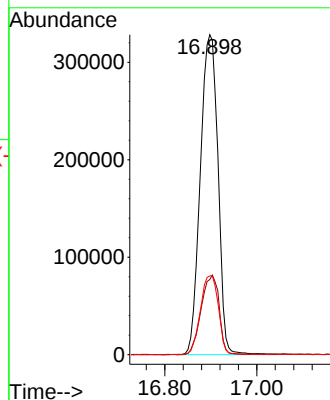
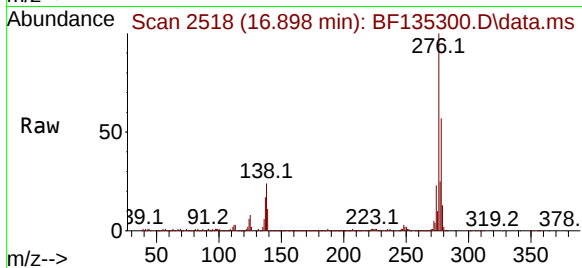
Tgt Ion:276 Resp: 877386

Ion Ratio Lower Upper

276 100

138 25.0 19.2 28.8

277 25.2 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 52.119 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135300.D

Acq: 18 Sep 2023 11:44

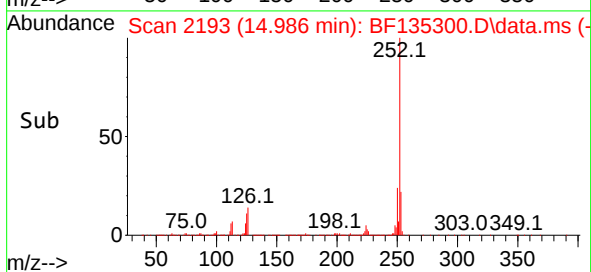
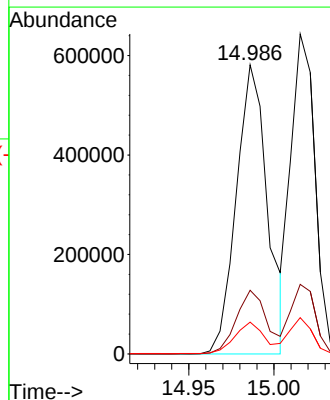
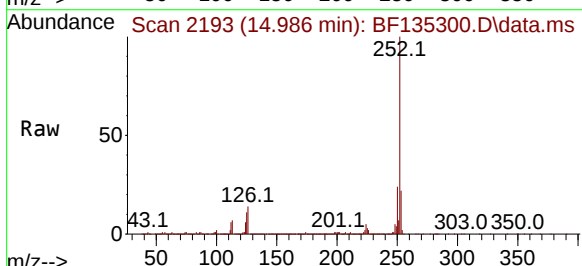
Tgt Ion:252 Resp: 740001

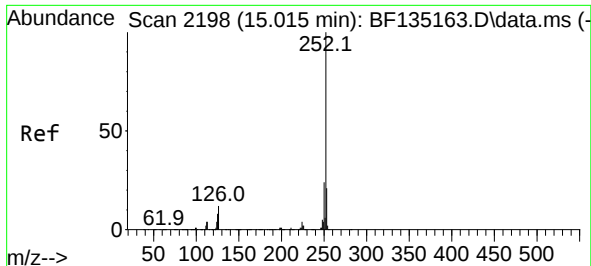
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.0 7.1 10.7#

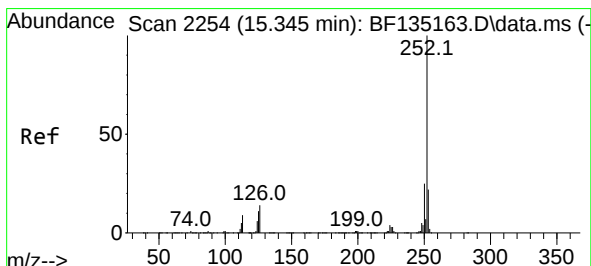
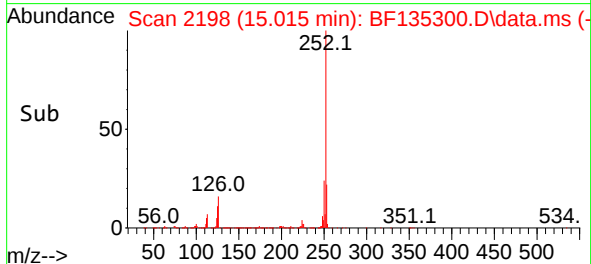
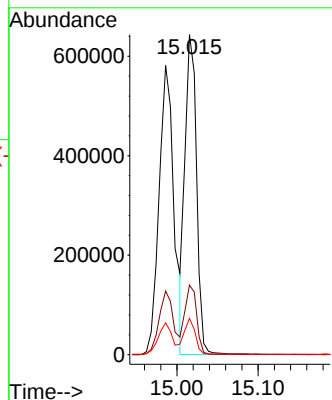
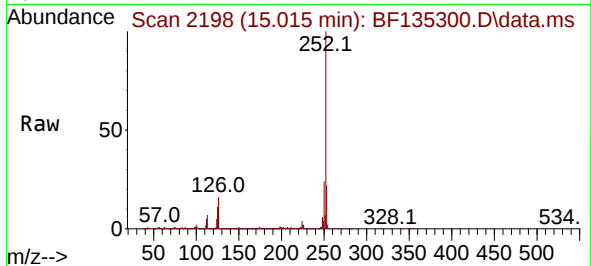




#89
Benzo(k)fluoranthene
Concen: 45.402 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

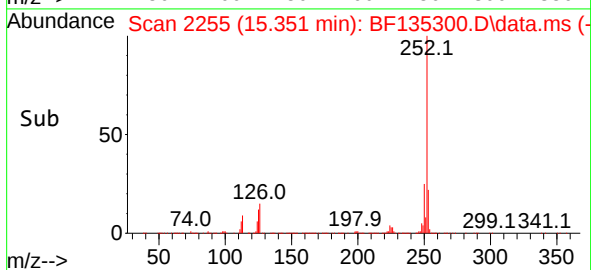
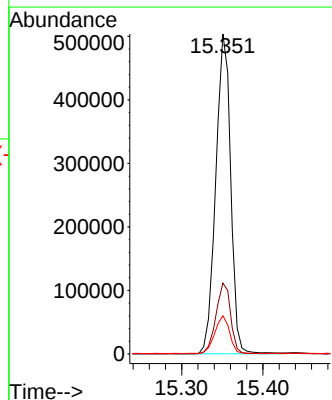
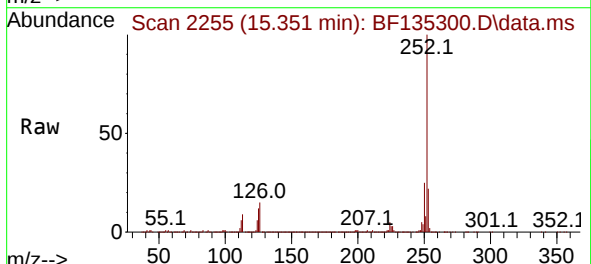
Instrument :
BNA_F
ClientSampleId :
PB154882BS

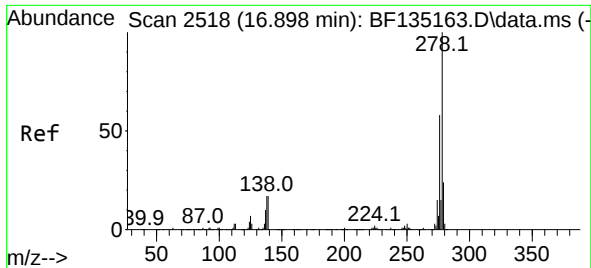
Tgt Ion:252 Resp: 636783
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.4 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 47.491 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:252 Resp: 643022
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.0 9.2 13.8

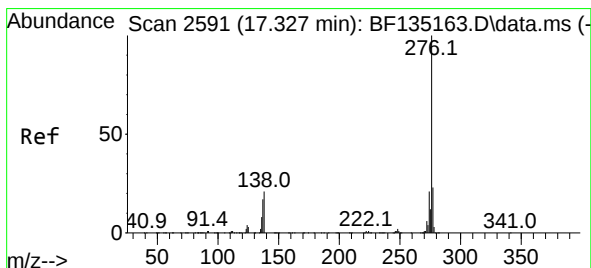
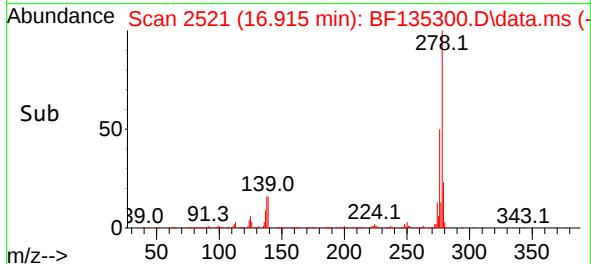
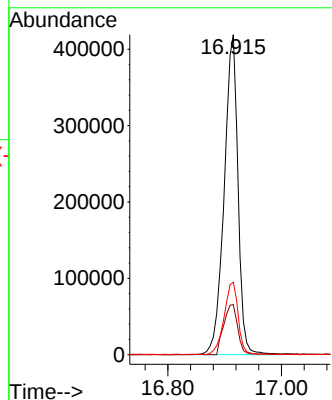
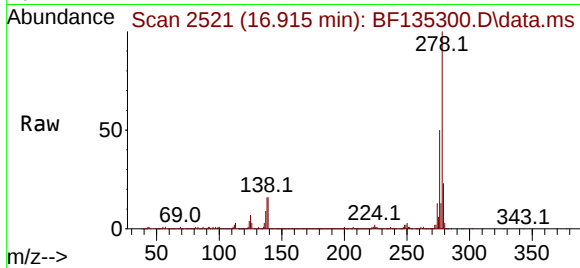




#91
Dibenzo(a,h)anthracene
Concen: 50.579 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB154882BS

Tgt Ion:278 Resp: 711687
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 22.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.074 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135300.D
Acq: 18 Sep 2023 11:44

Tgt Ion:276 Resp: 735852
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 21.3 16.9 25.3

