

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135009.D
 Acq On : 30 Aug 2023 17:20
 Operator : CG\JU
 Sample : PB155120BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BS

Quant Time: Aug 31 05:30:58 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	144157	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	599595	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	315376	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	578811	20.000	ng	0.00
76) Chrysene-d12	13.963	240	314524	20.000	ng	0.00
86) Perylene-d12	15.427	264	278855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	863046	92.474	ng	0.02
7) Phenol-d6	6.416	99	1053099	90.528	ng	0.00
23) Nitrobenzene-d5	7.339	82	962853	90.217	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	291883	87.247	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1668293	86.124	ng	0.00
79) Terphenyl-d14	12.910	244	1829626	94.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	153399	38.802	ng	99
3) Pyridine	3.340	79	409770	38.448	ng	99
4) n-Nitrosodimethylamine	3.316	42	251522	48.258	ng	98
6) Aniline	6.439	93	547624	37.974	ng	97
8) 2-Chlorophenol	6.563	128	489040	51.578	ng	98
9) Benzaldehyde	6.328	77	181746	30.662	ng	95
10) Phenol	6.428	94	592436	48.511	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	447360	48.646	ng	99
12) 1,3-Dichlorobenzene	6.716	146	479454	49.081	ng	99
13) 1,4-Dichlorobenzene	6.792	146	488204	49.934	ng	99
14) 1,2-Dichlorobenzene	6.939	146	464802	50.945	ng	99
15) Benzyl Alcohol	6.922	79	414257	51.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	758541	49.255	ng	99
17) 2-Methylphenol	7.034	107	386721	46.806	ng	97
18) Hexachloroethane	7.281	117	183435	50.649	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	319994	46.310	ng	99
20) 3+4-Methylphenols	7.187	107	443714	45.521	ng	99
22) Acetophenone	7.187	105	623443	46.746	ng	99
24) Nitrobenzene	7.363	77	500294	45.698	ng	98
25) Isophorone	7.598	82	935971	46.255	ng	99
26) 2-Nitrophenol	7.675	139	263035	48.629	ng	99
27) 2,4-Dimethylphenol	7.716	122	396340	45.513	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	571999	46.860	ng	99
29) 2,4-Dichlorophenol	7.916	162	398816	48.187	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	426087	47.639	ng	98
31) Naphthalene	8.075	128	1342807	45.845	ng	99
32) Benzoic acid	7.857	122	341184	48.978	ng	99
33) 4-Chloroaniline	8.128	127	373047	29.119	ng	98
34) Hexachlorobutadiene	8.192	225	238971	47.081	ng	98
35) Caprolactam	8.510	113	68548	25.295	ng	93
36) 4-Chloro-3-methylphenol	8.622	107	434249	48.307	ng	99
37) 2-Methylnaphthalene	8.769	142	873165	44.679	ng	100
38) 1-Methylnaphthalene	8.869	142	828879	45.329	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	392216	44.426	ng	99
41) Hexachlorocyclopentadiene	8.922	237	420960	112.028	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	281128	47.415	ng	99

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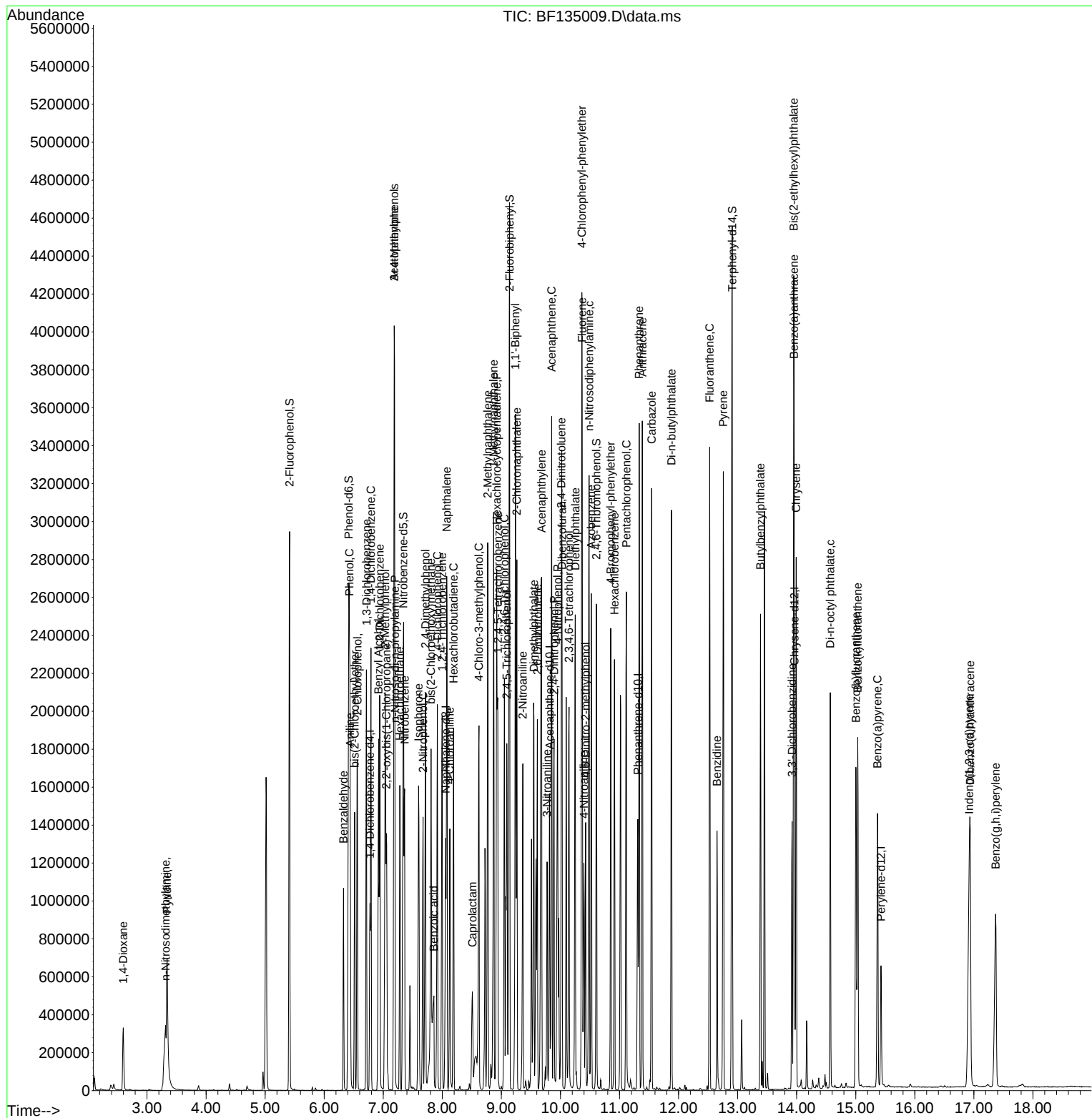
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	302926	44.130	ng	# 94
46) 1,1'-Biphenyl	9.239	154	1084649	45.015	ng	98
47) 2-Chloronaphthalene	9.263	162	830711	45.846	ng	98
48) 2-Nitroaniline	9.363	65	284284	45.832	ng	96
49) Acenaphthylene	9.680	152	1267447	46.273	ng	99
50) Dimethylphthalate	9.551	163	1010319	45.751	ng	99
51) 2,6-Dinitrotoluene	9.610	165	230145	47.496	ng	91
52) Acenaphthene	9.851	154	783242	44.871	ng	98
53) 3-Nitroaniline	9.775	138	192985	34.190	ng	99
54) 2,4-Dinitrophenol	9.892	184	254118	109.730	ng	90
55) Dibenzofuran	10.028	168	1107875	43.999	ng	97
56) 4-Nitrophenol	9.951	139	387663	97.704	ng	96
57) 2,4-Dinitrotoluene	10.016	165	285199	47.229	ng	96
58) Fluorene	10.369	166	855177	44.549	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	254247	48.100	ng	97
60) Diethylphthalate	10.251	149	965044	46.424	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	410999	43.285	ng	96
62) 4-Nitroaniline	10.398	138	255688	46.295	ng	99
63) Azobenzene	10.522	77	956127	45.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	172663	49.289	ng	93
66) n-Nitrosodiphenylamine	10.486	169	809851	44.999	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	273349	44.525	ng	96
68) Hexachlorobenzene	10.916	284	305412	48.111	ng	97
69) Atrazine	11.022	200	280425	Below Cal		100
70) Pentachlorophenol	11.116	266	300914	78.353	ng	98
71) Phenanthrene	11.333	178	1365753	45.737	ng	99
72) Anthracene	11.386	178	1395033	45.725	ng	100
73) Carbazole	11.545	167	1223015	46.476	ng	99
74) Di-n-butylphthalate	11.880	149	1489336	46.951	ng	100
75) Fluoranthene	12.527	202	1392743	46.131	ng	99
77) Benzidine	12.651	184	495494	87.392	ng	99
78) Pyrene	12.757	202	1416012	47.417	ng	99
80) Butylbenzylphthalate	13.386	149	562299	52.122	ng	99
81) Benzo(a)anthracene	13.957	228	985800	45.948	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	282100	43.574	ng	99
83) Chrysene	13.992	228	983977	46.667	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	600033	53.744	ng	99
85) Di-n-octyl phthalate	14.568	149	938067	55.047	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	953988	50.790	ng	100
88) Benzo(b)fluoranthene	15.004	252	826723	47.647	ng	100
89) Benzo(k)fluoranthene	15.033	252	818560	48.833	ng	99
90) Benzo(a)pyrene	15.368	252	729480	45.258	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	775819	50.999	ng	99
92) Benzo(g,h,i)perylene	17.368	276	788153	49.814	ng	98

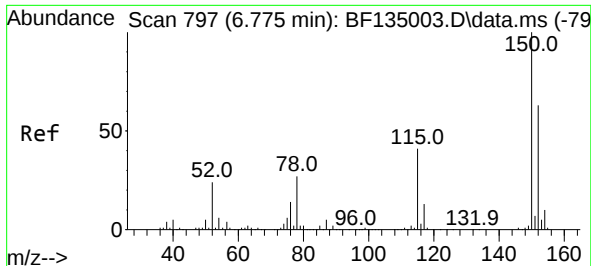
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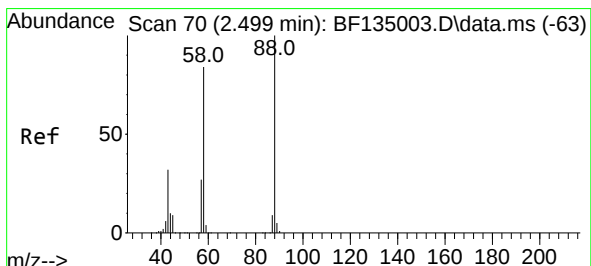
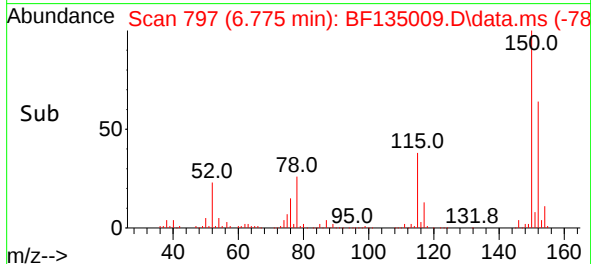
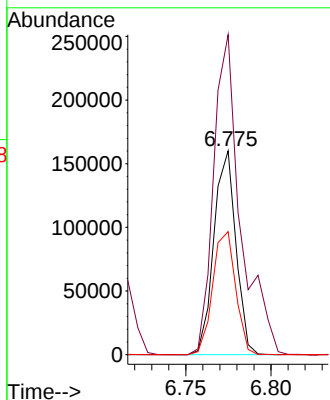
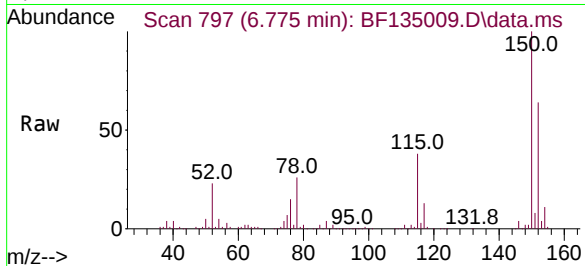




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

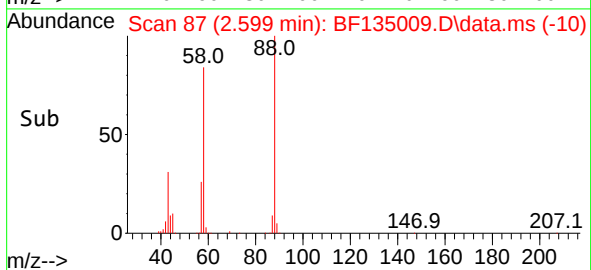
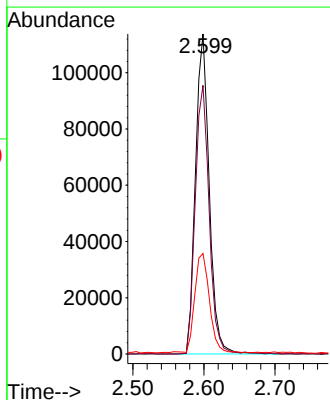
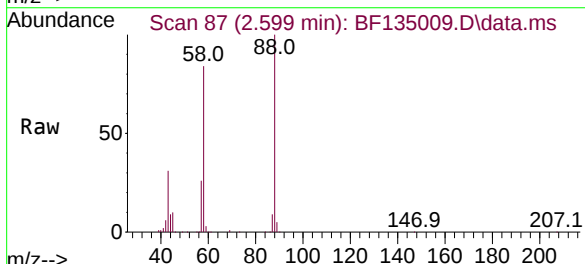
Instrument :
BNA_F
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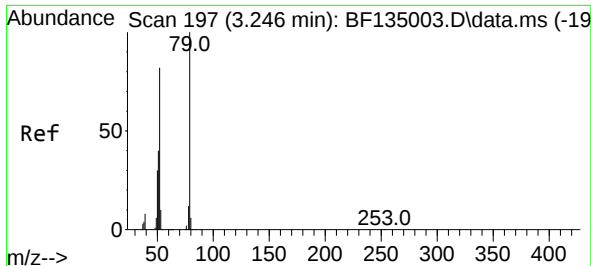
Tgt Ion:152 Resp: 144157
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 60.3 51.2 76.8



#2
1,4-Dioxane
Concen: 38.802 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.100 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 88 Resp: 153399
Ion Ratio Lower Upper
88 100
58 84.9 67.1 100.7
43 32.9 25.9 38.9

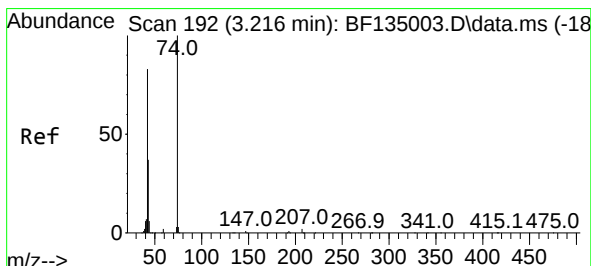
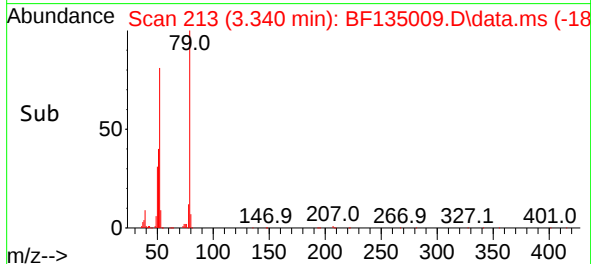
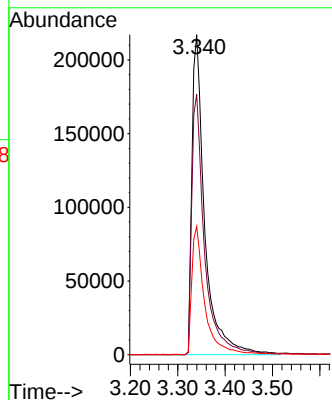
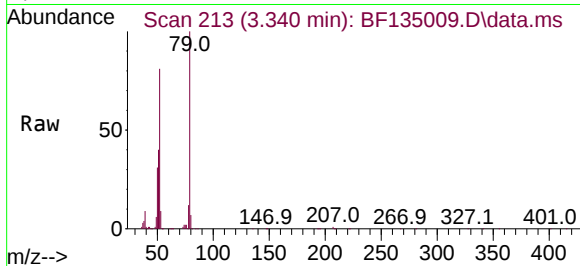




#3
Pyridine
Concen: 38.448 ng
RT: 3.340 min Scan# 210
Delta R.T. 0.094 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

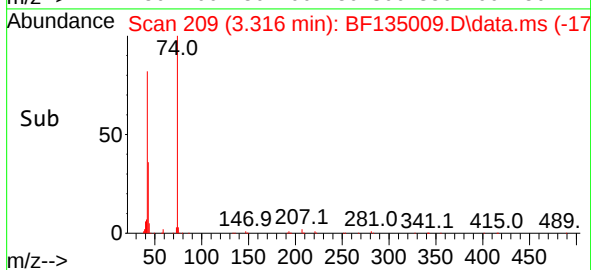
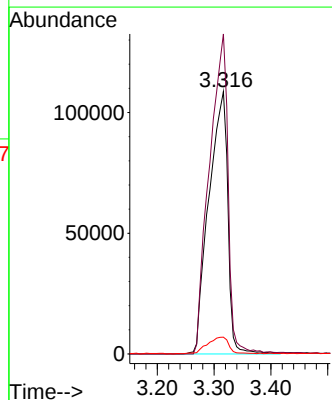
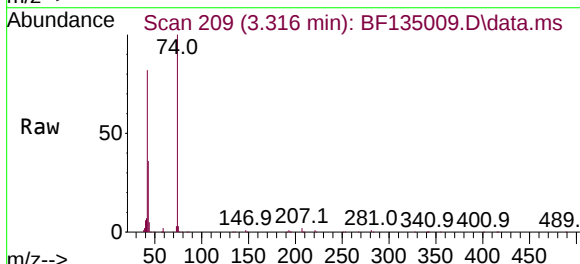
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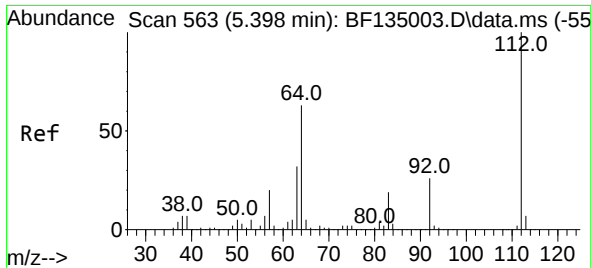
Tgt Ion: 79 Resp: 409770
Ion Ratio Lower Upper
79 100
52 81.4 65.4 98.2
51 40.0 32.6 49.0



#4
n-Nitrosodimethylamine
Concen: 48.258 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.100 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 42 Resp: 251522
Ion Ratio Lower Upper
42 100
74 121.9 96.2 144.2
44 6.4 5.8 8.6

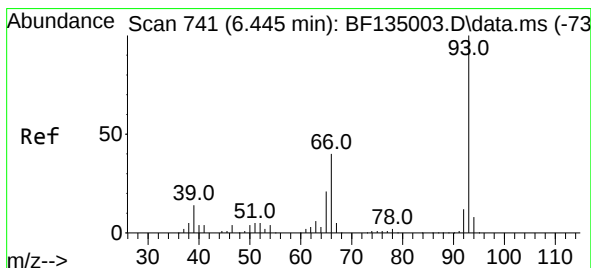
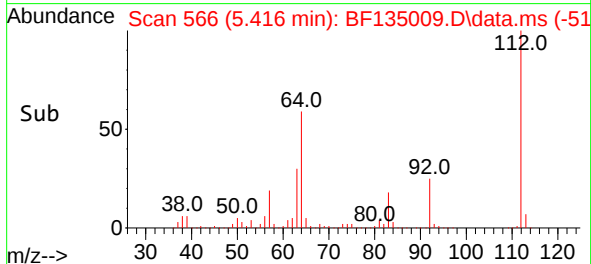
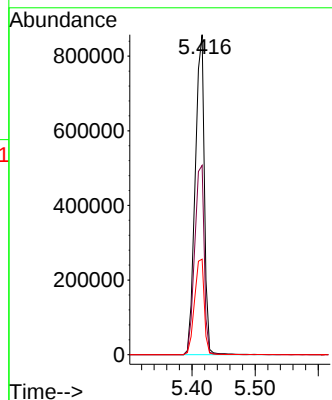
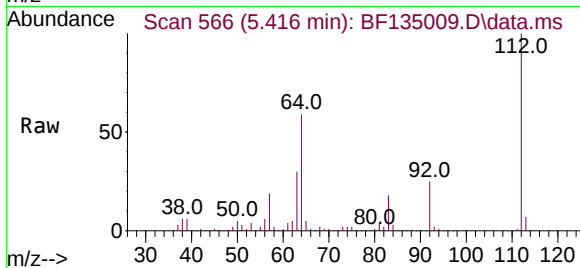




#5
2-Fluorophenol
Concen: 92.474 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

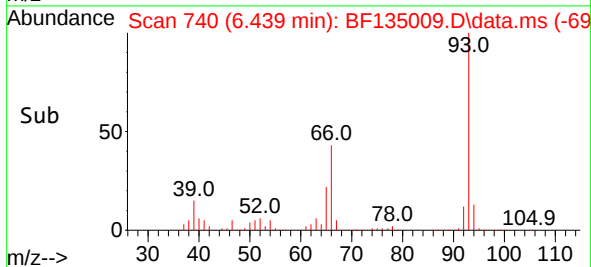
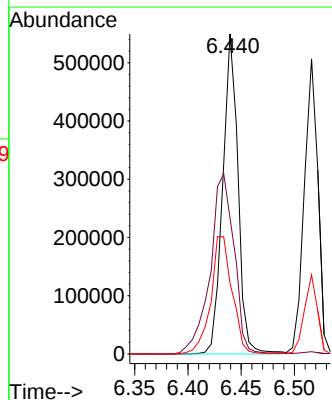
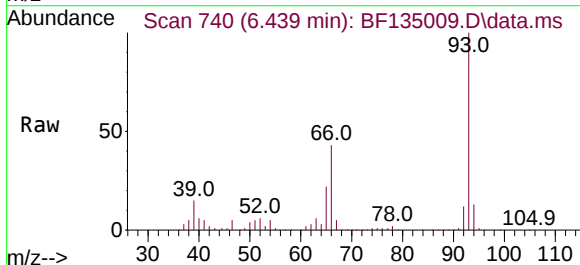
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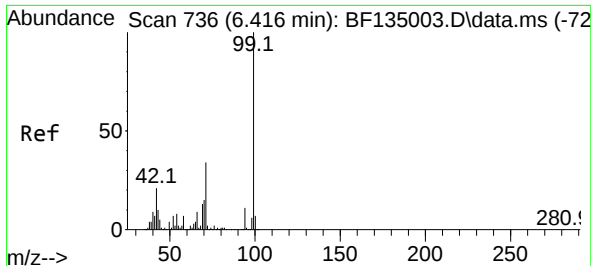
Tgt Ion:112 Resp: 863046
Ion Ratio Lower Upper
112 100
64 59.1 50.5 75.7
63 29.9 25.9 38.9



#6
Aniline
Concen: 37.974 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 93 Resp: 547624
Ion Ratio Lower Upper
93 100
66 42.6 32.4 48.6
65 22.1 16.6 24.8





#7

Phenol-d6

Concen: 90.528 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

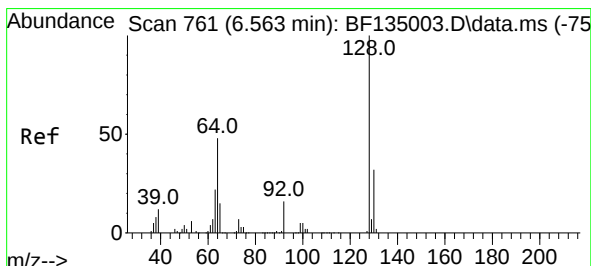
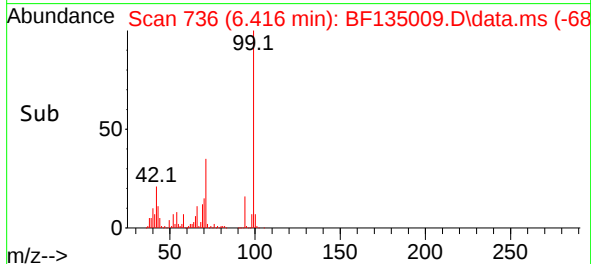
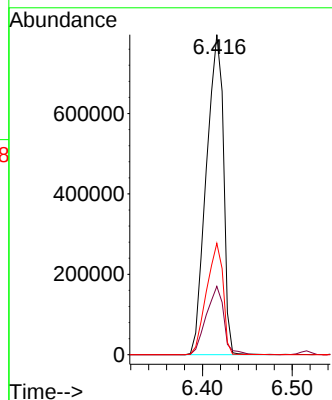
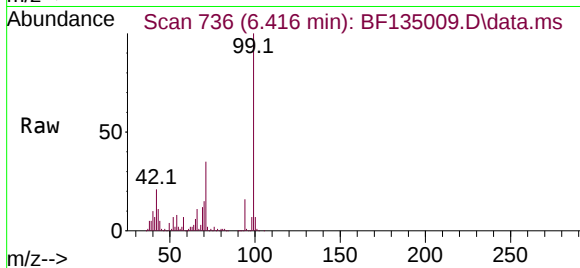
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1053099

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	25.0
71	34.8	27.0	40.6



#8

2-Chlorophenol

Concen: 51.578 ng

RT: 6.563 min Scan# 761

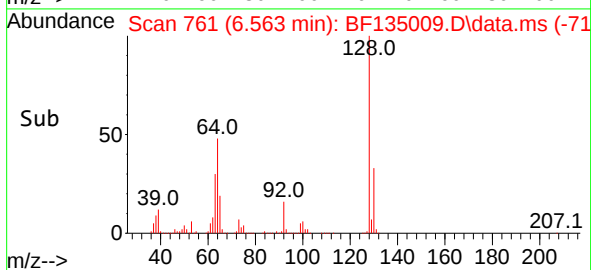
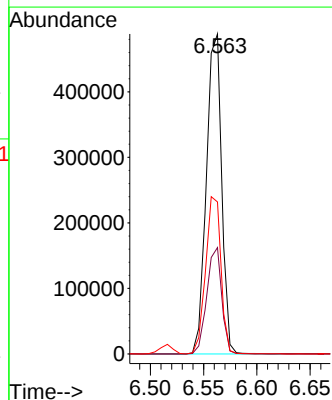
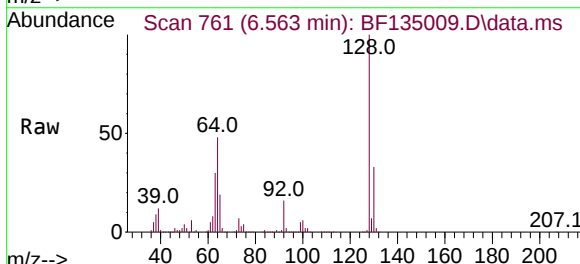
Delta R.T. 0.000 min

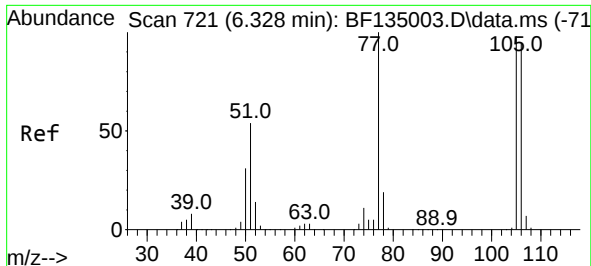
Lab File: BF135009.D

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Tgt Ion: 128 Resp: 489040

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.2	52.2
64	47.5	29.0	69.0

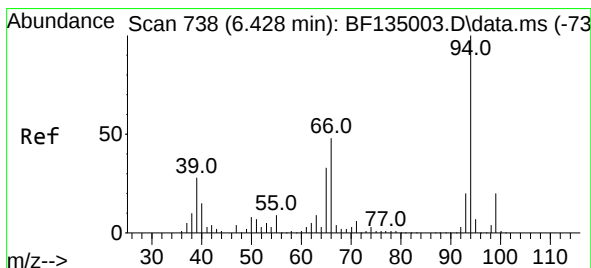
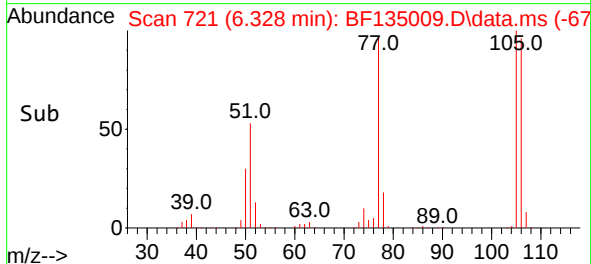
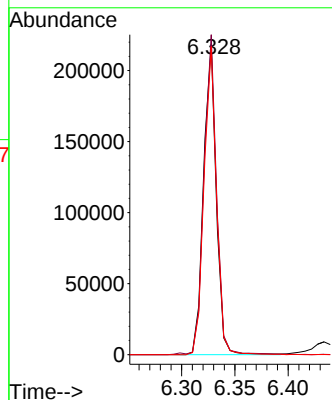
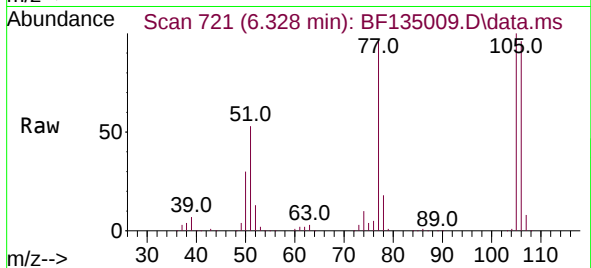




#9
Benzaldehyde
Concen: 30.662 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.000 min
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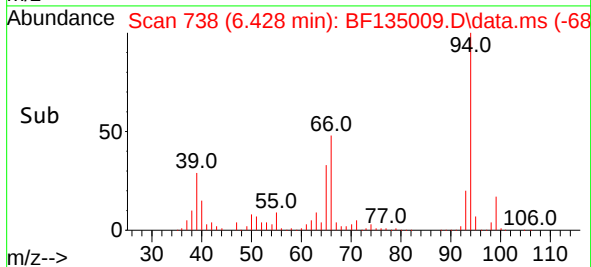
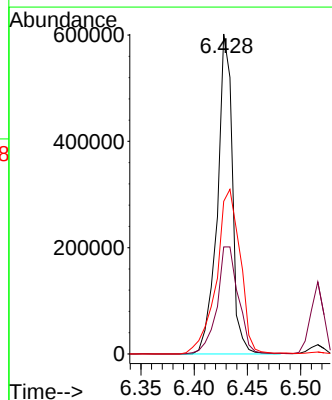
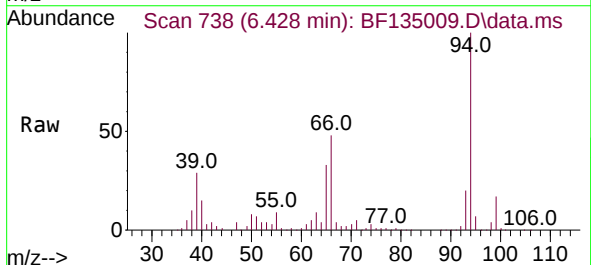
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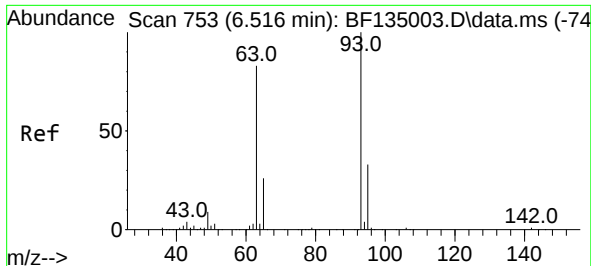
Tgt Ion: 77 Resp: 181746
Ion Ratio Lower Upper
77 100
105 103.1 78.4 118.4
106 99.3 74.3 114.3



#10
Phenol
Concen: 48.511 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 94 Resp: 592436
Ion Ratio Lower Upper
94 100
65 33.4 13.2 53.2
66 47.7 27.5 67.5

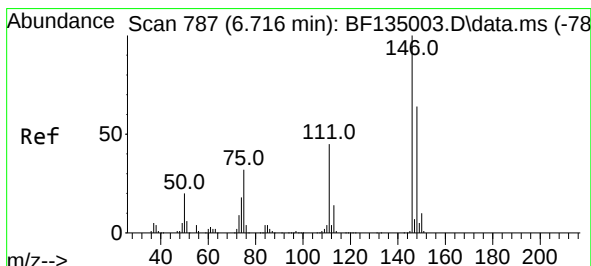
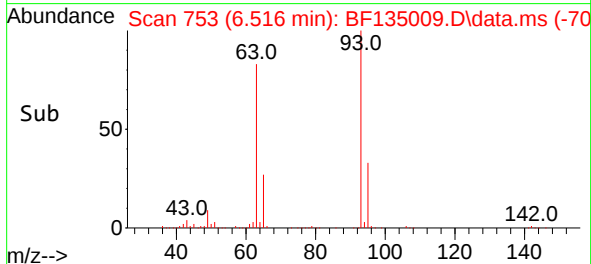
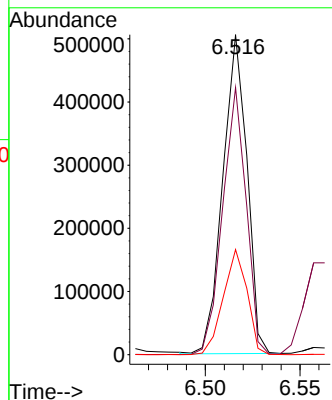
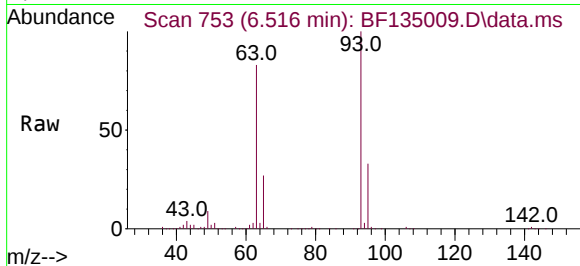




#11
bis(2-Chloroethyl)ether
Concen: 48.646 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

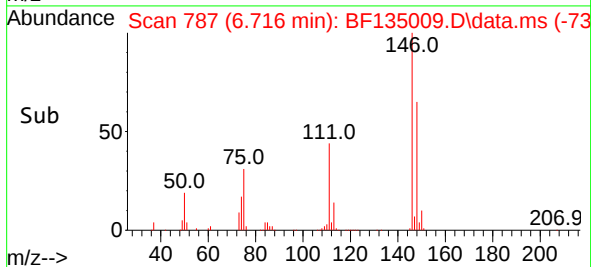
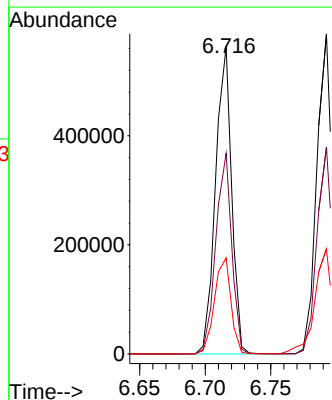
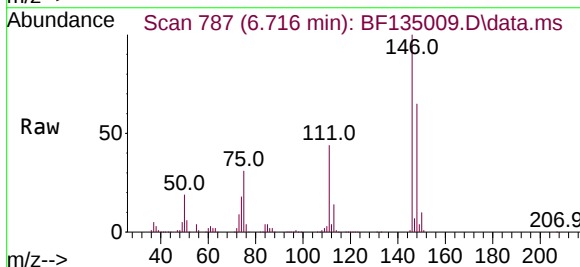
Instrument :
BNA_F
ClientSampleId :
PB155120BS

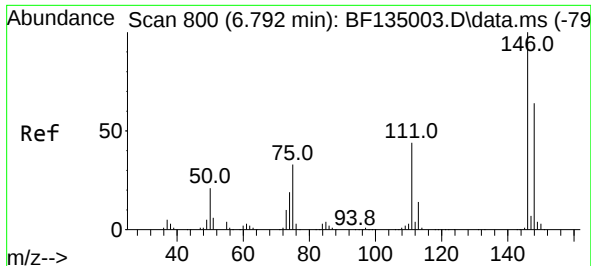
Tgt Ion: 93 Resp: 447360
Ion Ratio Lower Upper
93 100
63 83.5 62.8 102.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.081 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:146 Resp: 479454
Ion Ratio Lower Upper
146 100
148 65.3 51.6 77.4
75 31.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.934 ng

RT: 6.792 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

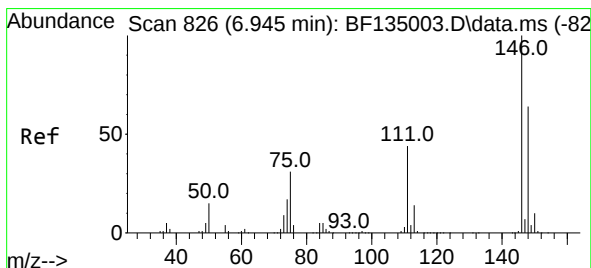
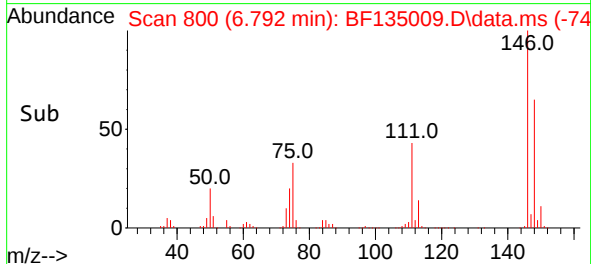
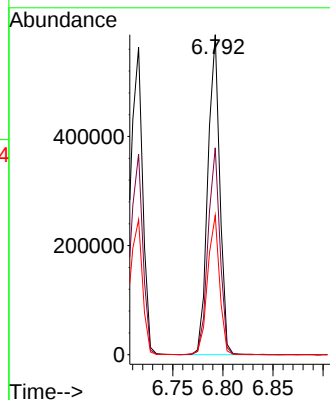
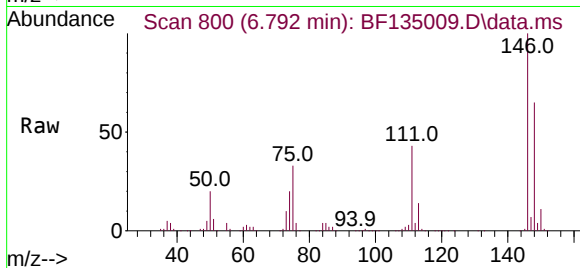
Tgt Ion:146 Resp: 488204

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

111 43.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 50.945 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

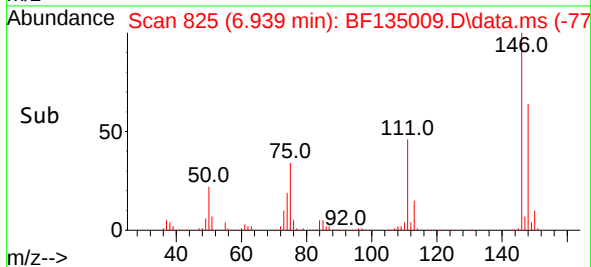
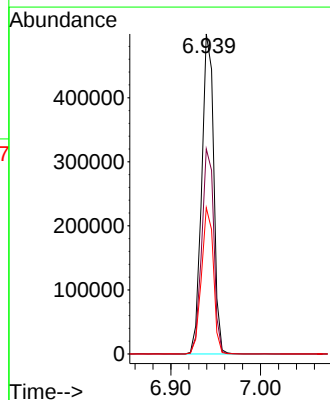
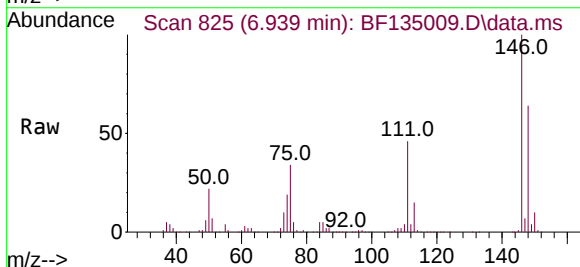
Tgt Ion:146 Resp: 464802

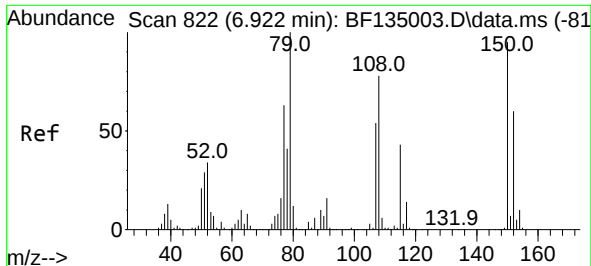
Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 45.7 35.3 52.9

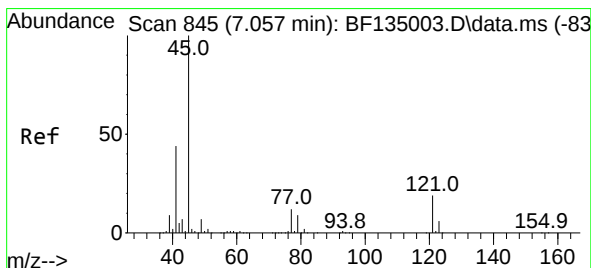
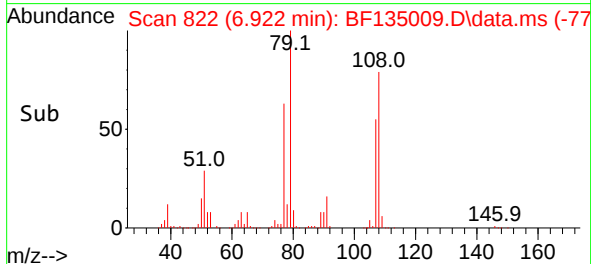
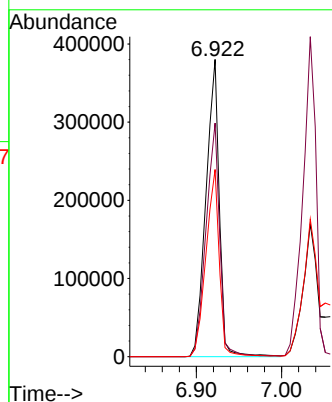
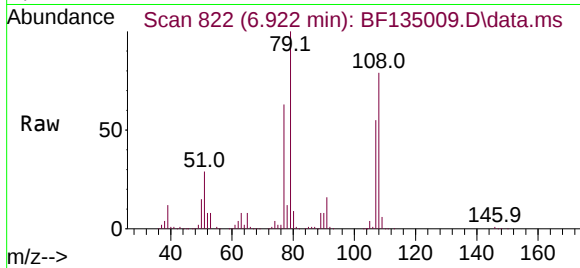




#15
Benzyl Alcohol
Concen: 51.978 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

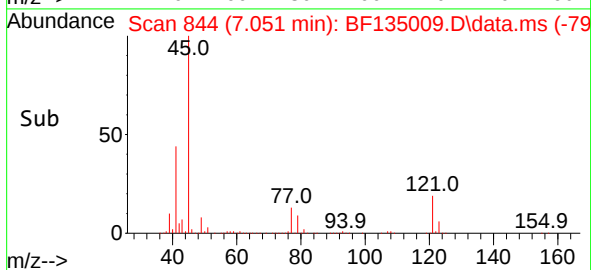
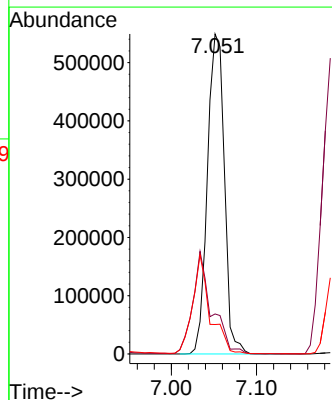
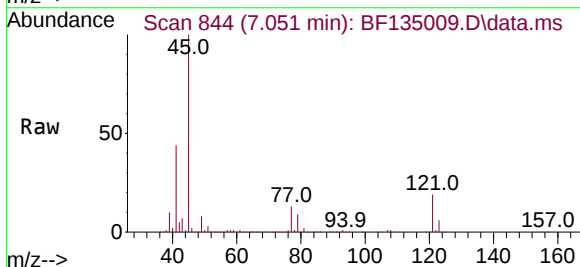
Instrument :
BNA_F
ClientSampleId :
PB155120BS

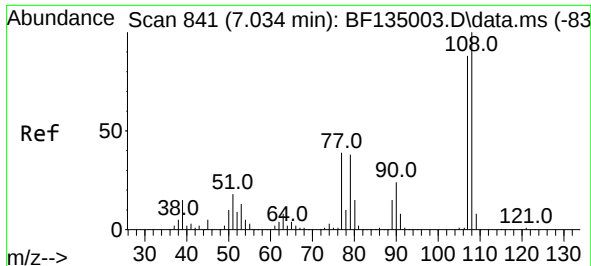
Tgt Ion: 79 Resp: 414257
Ion Ratio Lower Upper
79 100
108 78.6 62.5 93.7
77 63.0 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.255 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

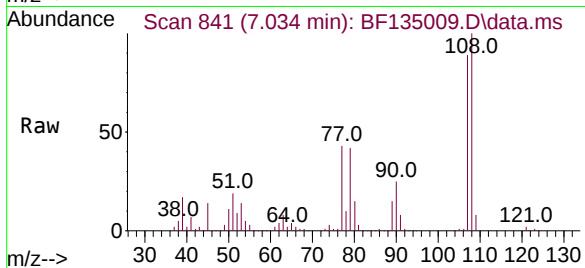
Tgt Ion: 45 Resp: 758541
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.2 0.0 29.5



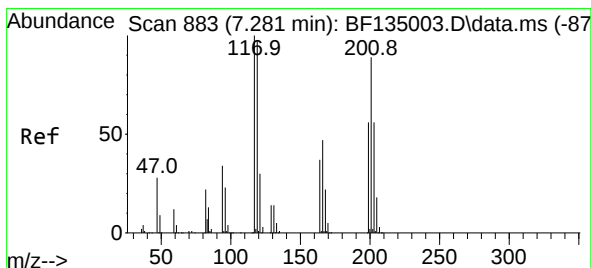
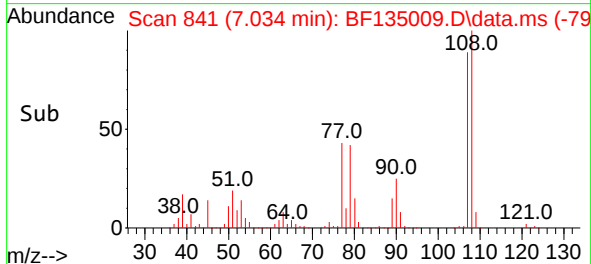
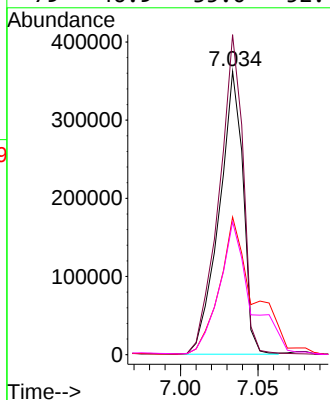


#17
2-Methylphenol
Concen: 46.806 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Instrument :
BNA_F
ClientSampleId :
PB155120BS

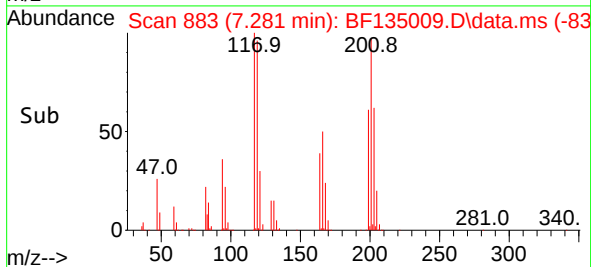
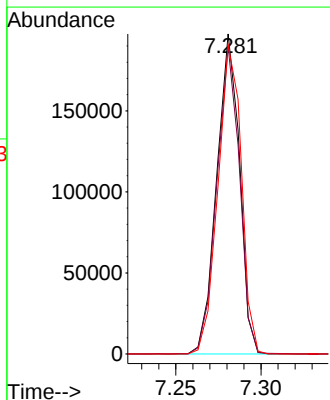
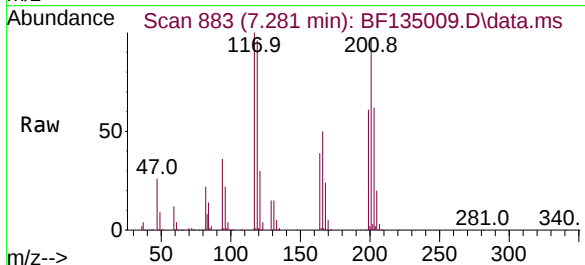


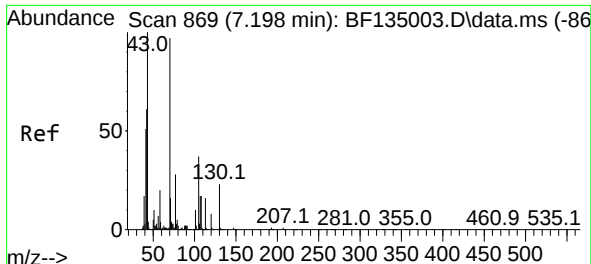
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.2	136.8
77	48.6	36.0	54.0
79	46.9	35.0	52.4



#18
Hexachloroethane
Concen: 50.649 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
201	96.7	71.4	107.2



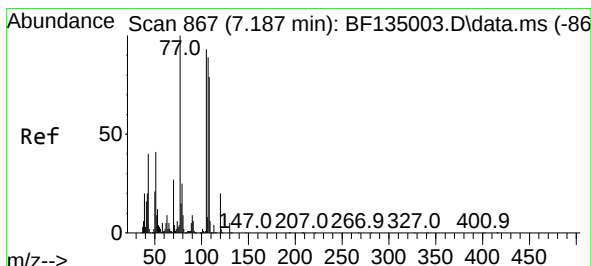
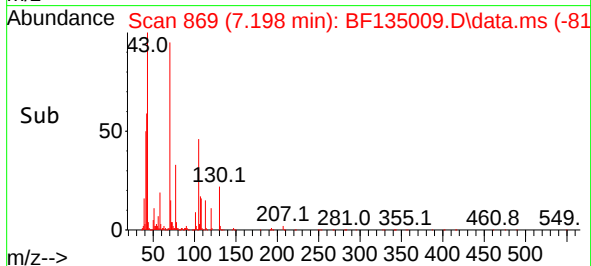
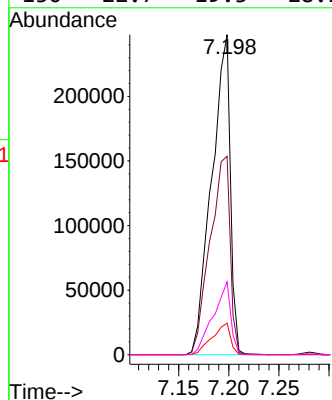
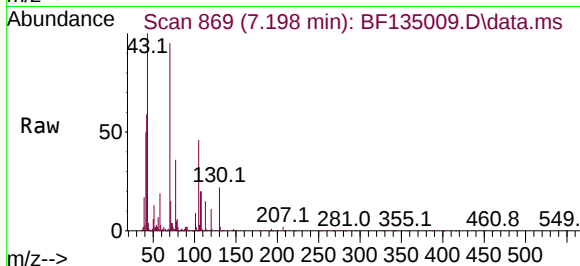


#19
n-Nitroso-di-n-propylamine
Concen: 46.310 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Instrument :
BNA_F
ClientSampleId :
PB155120BS

Tgt Ion: 70 Resp: 319994

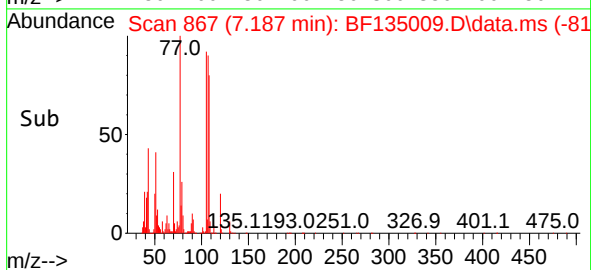
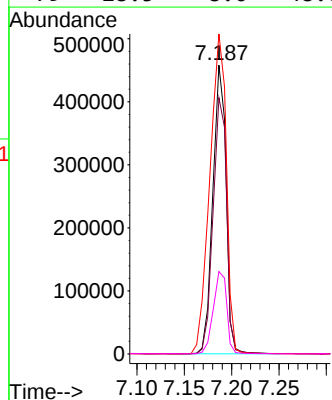
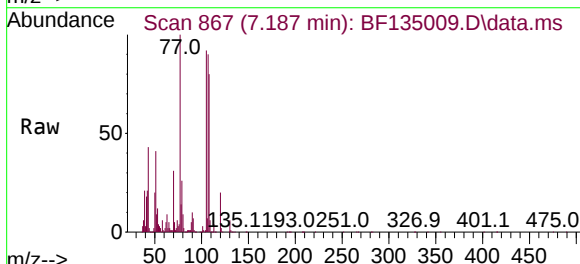
Ion	Ratio	Lower	Upper
70	100		
42	62.0	50.2	75.4
101	9.9	8.1	12.1
130	22.7	19.3	28.9

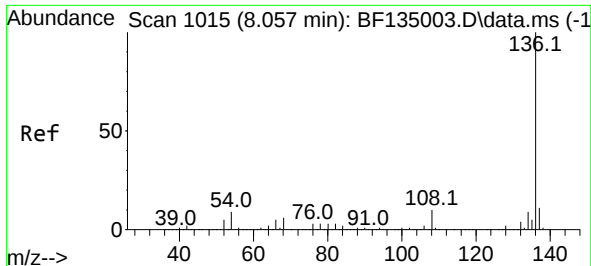


#20
3+4-Methylphenols
Concen: 45.521 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 107 Resp: 443714

Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.6	108.6
77	110.8	92.3	132.3
79	28.5	8.0	48.0

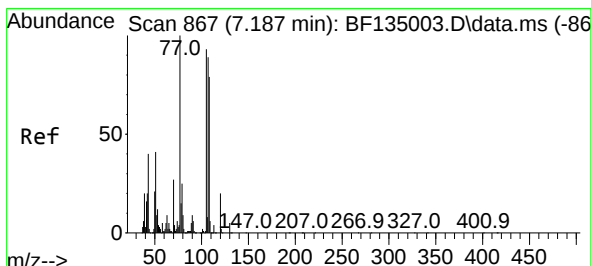
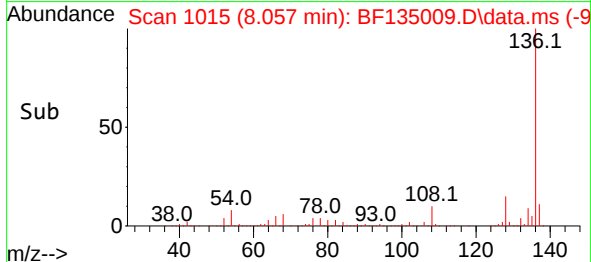
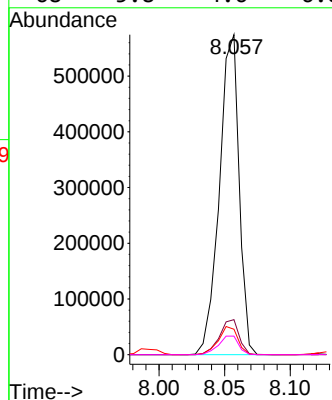
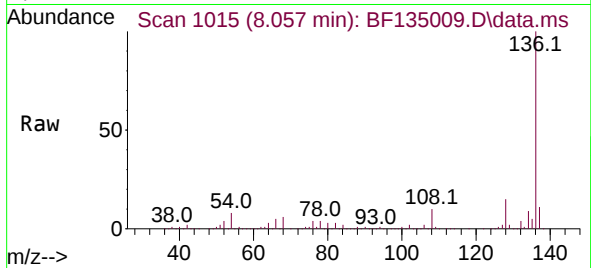




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

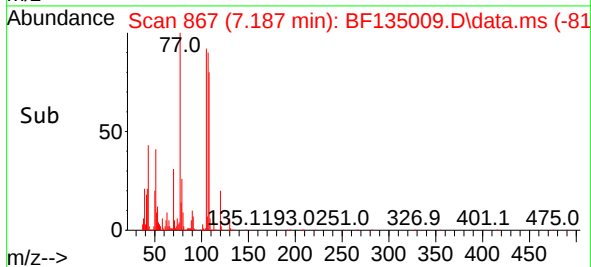
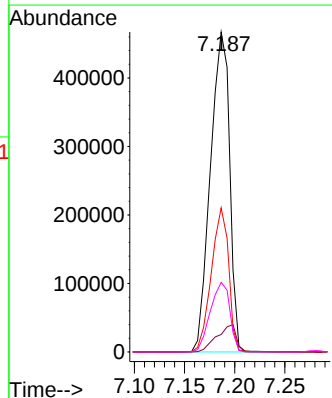
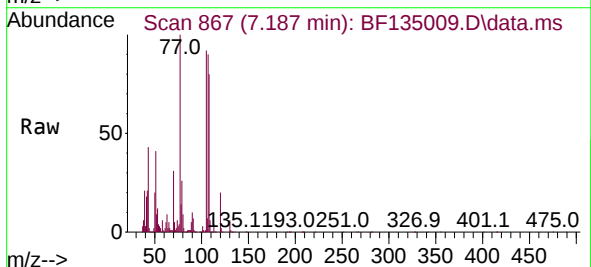
Instrument :
BNA_F
ClientSampleId :
PB155120BS

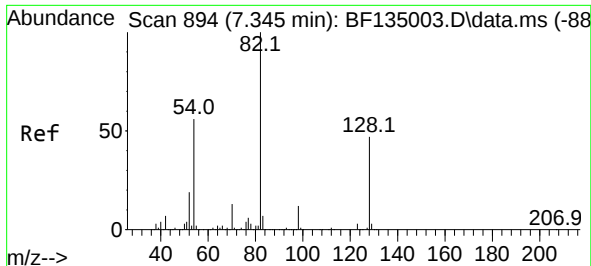
Tgt Ion:	136	Resp:	599595
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.9	7.0	10.4
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 46.746 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:	105	Resp:	623443
Ion Ratio	Lower	Upper	
105	100		
71	5.4	3.8	5.6
51	45.1	35.0	52.6
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 90.217 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

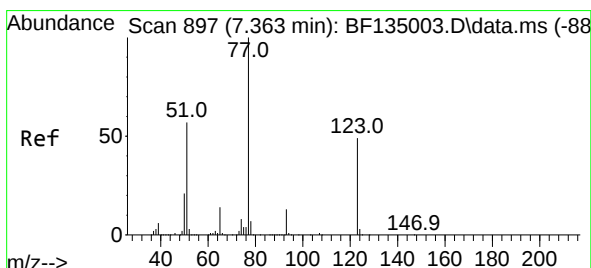
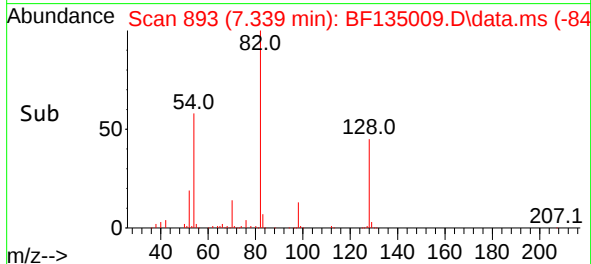
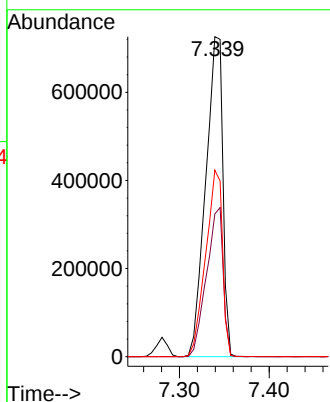
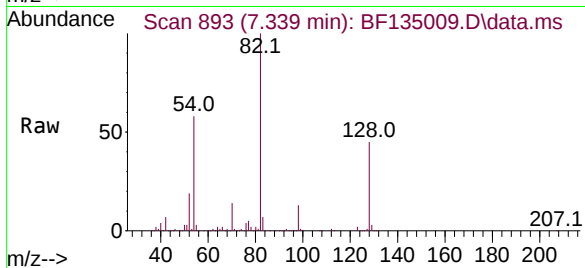
Tgt Ion: 82 Resp: 962853

Ion Ratio Lower Upper

82 100

128 44.6 37.8 56.8

54 58.3 45.0 67.6



#24

Nitrobenzene

Concen: 45.698 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

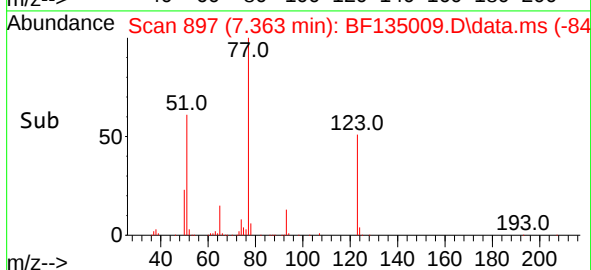
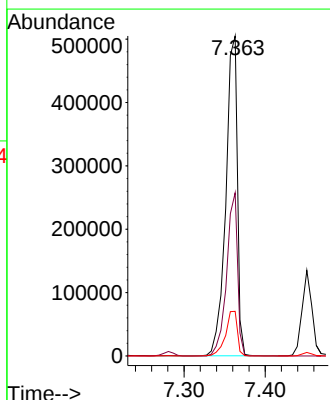
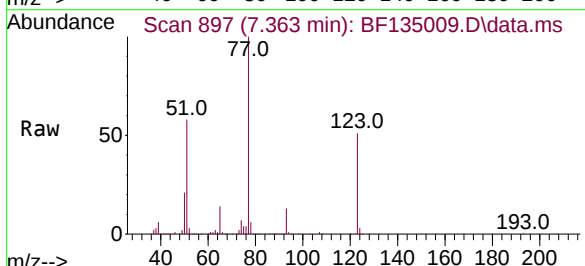
Tgt Ion: 77 Resp: 500294

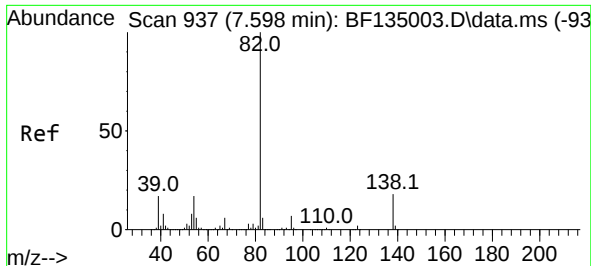
Ion Ratio Lower Upper

77 100

123 51.0 39.4 59.2

65 14.0 11.4 17.2

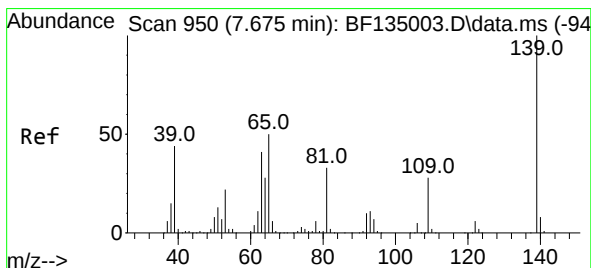
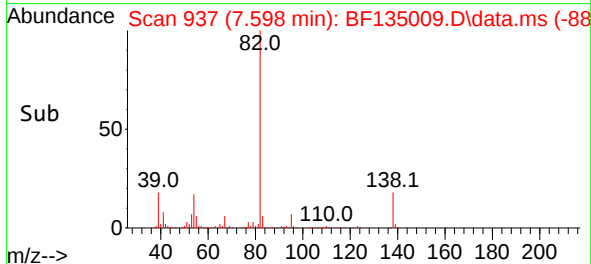
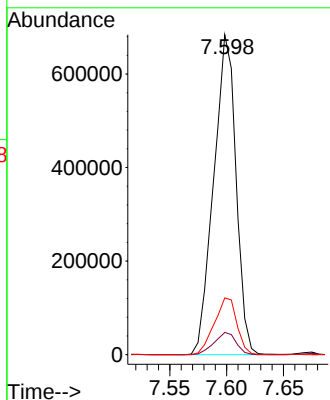
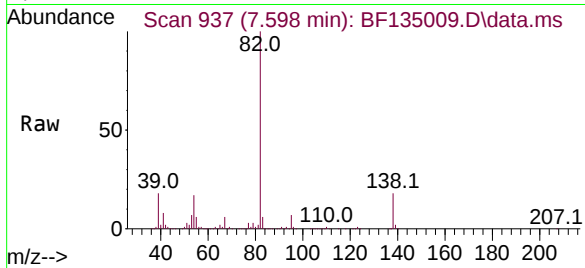




#25
Isophorone
Concen: 46.255 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

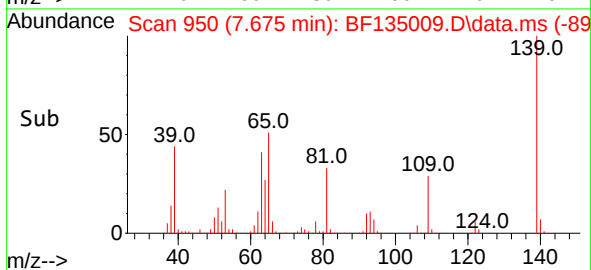
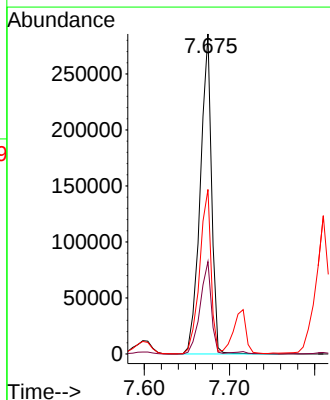
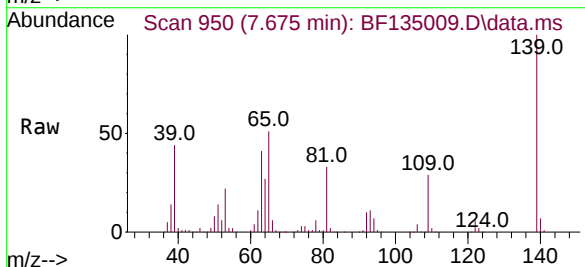
Instrument :
BNA_F
ClientSampleId :
PB155120BS

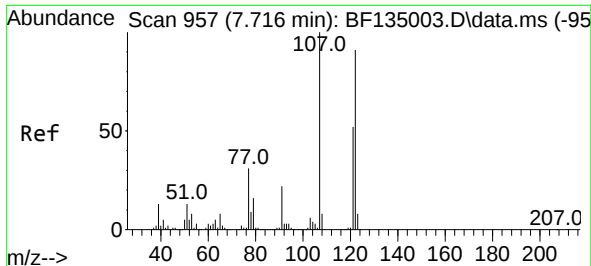
Tgt Ion: 82 Resp: 935971
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.7 22.1



#26
2-Nitrophenol
Concen: 48.629 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 139 Resp: 263035
Ion Ratio Lower Upper
139 100
109 28.9 22.6 34.0
65 51.4 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 45.513 ng

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

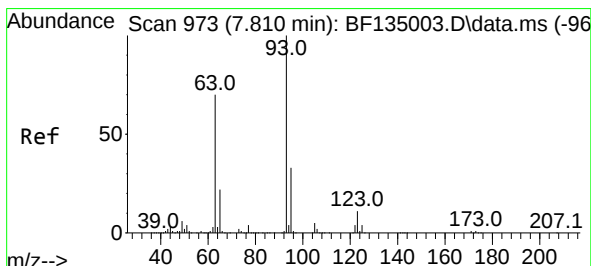
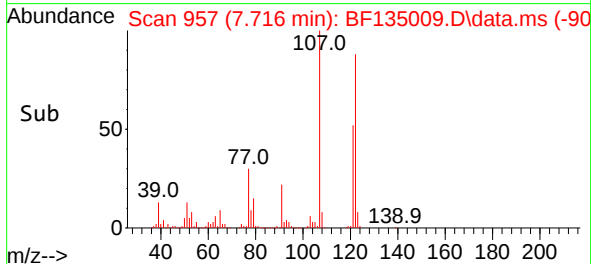
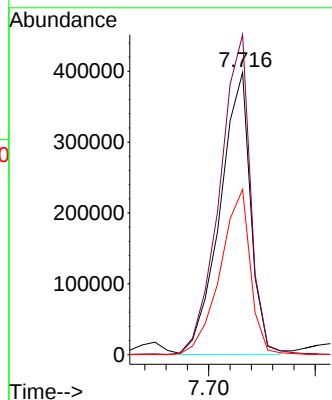
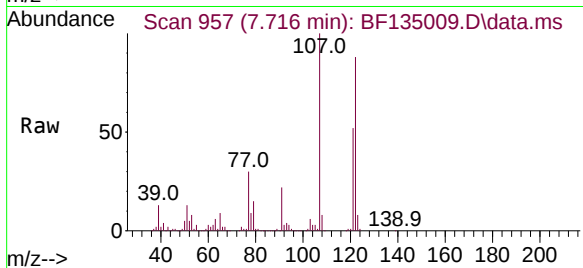
Tgt Ion:122 Resp: 396340

Ion Ratio Lower Upper

122 100

107 113.4 87.8 131.8

121 58.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.860 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

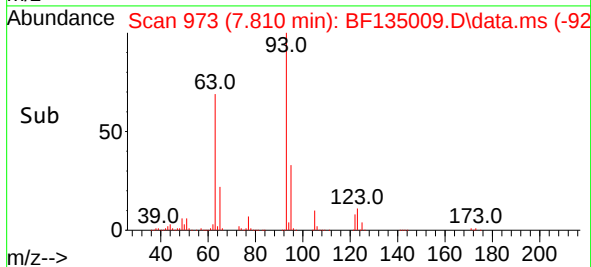
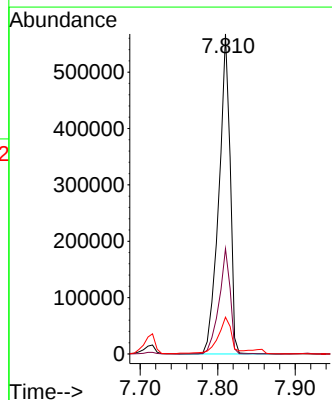
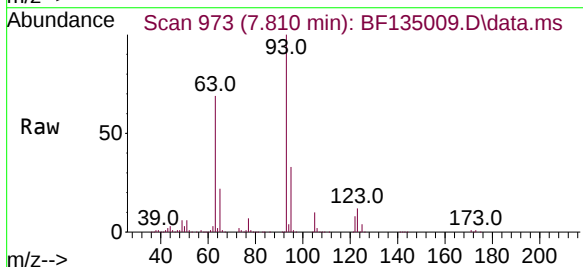
Tgt Ion: 93 Resp: 571999

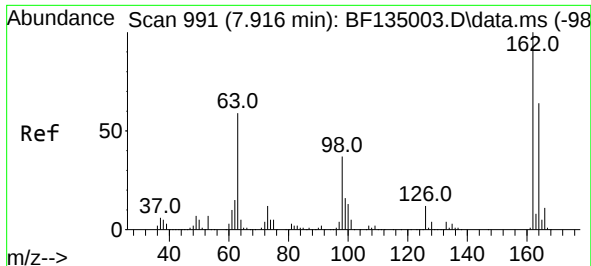
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.187 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135009.D

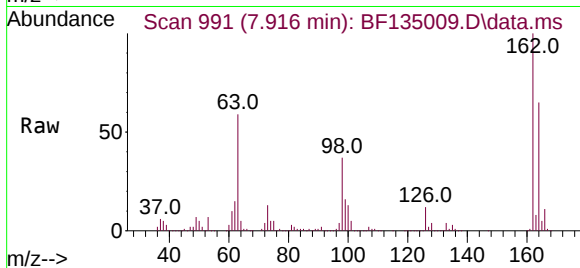
Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS



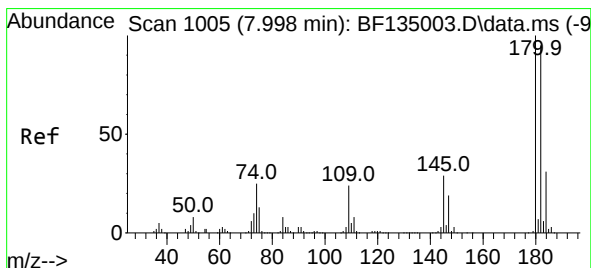
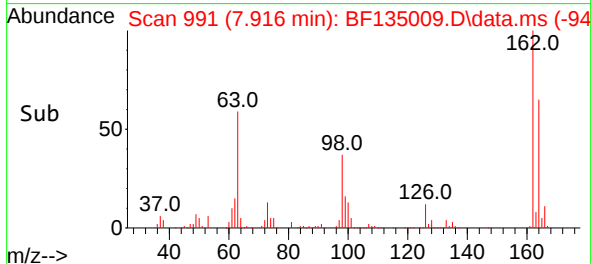
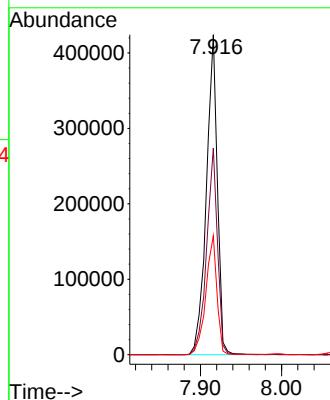
Tgt Ion:162 Resp: 398816

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 37.2 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 47.639 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

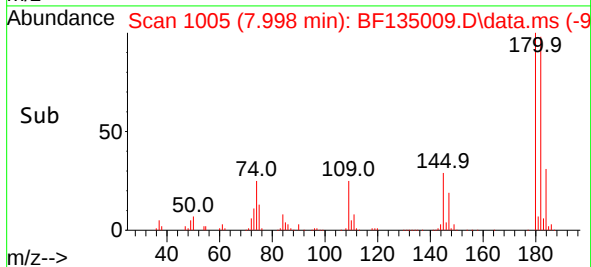
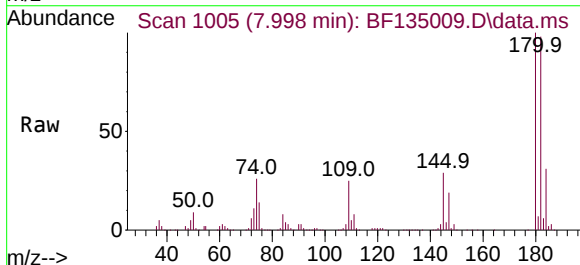
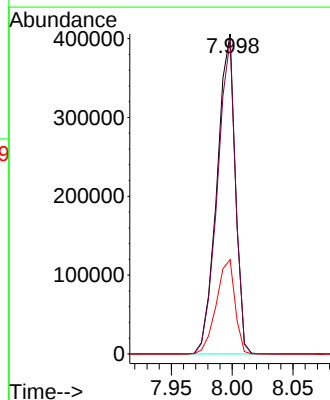
Tgt Ion:180 Resp: 426087

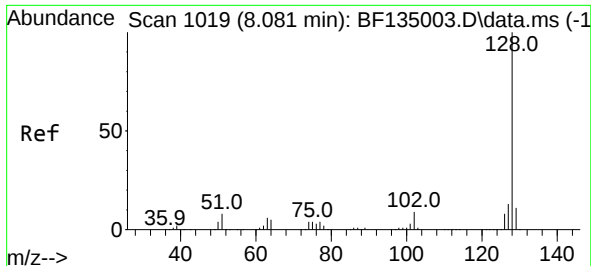
Ion Ratio Lower Upper

180 100

182 98.1 76.3 114.5

145 29.5 23.5 35.3

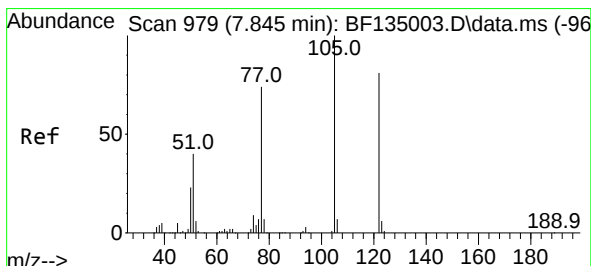
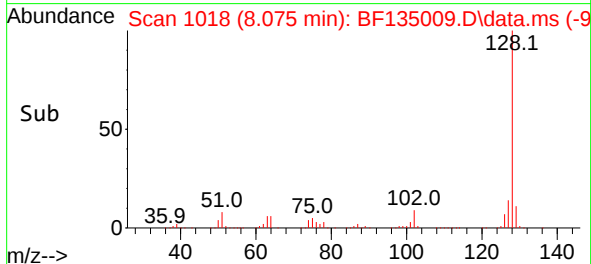
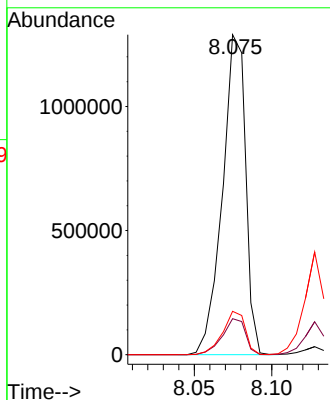
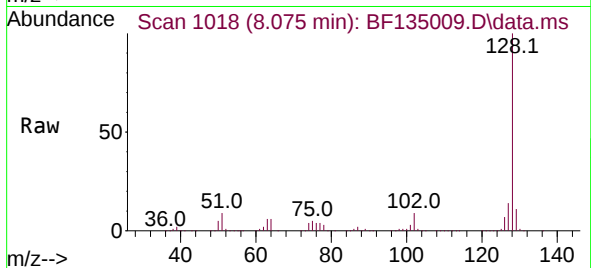




#31
Naphthalene
Concen: 45.845 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

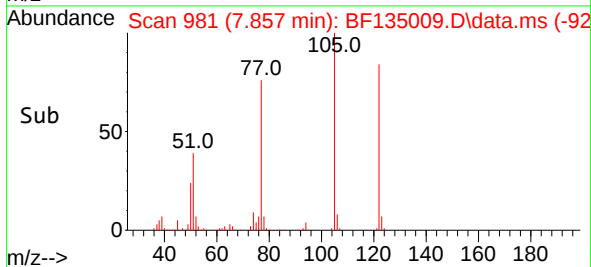
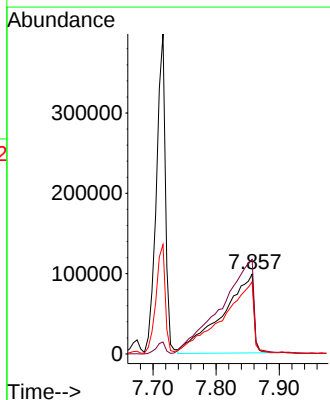
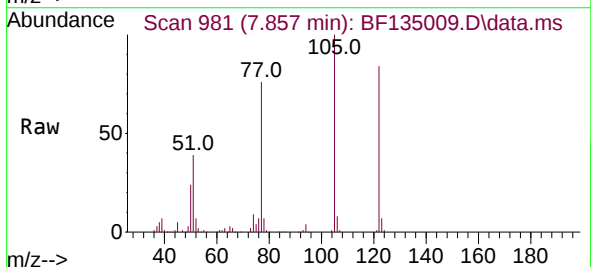
Instrument :
BNA_F
ClientSampleId :
PB155120BS

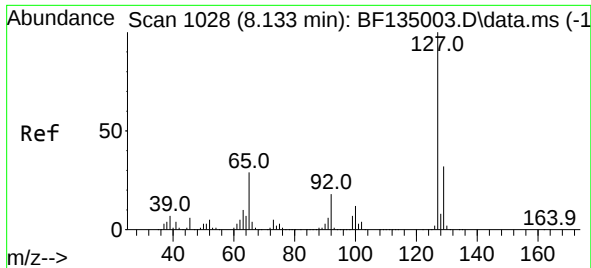
Tgt Ion:128 Resp: 1342807
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 48.978 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:122 Resp: 341184
Ion Ratio Lower Upper
122 100
105 118.4 99.8 139.8
77 90.2 69.5 109.5

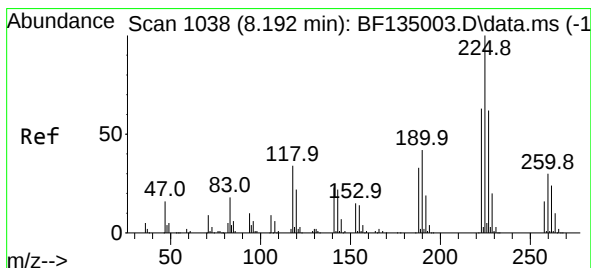
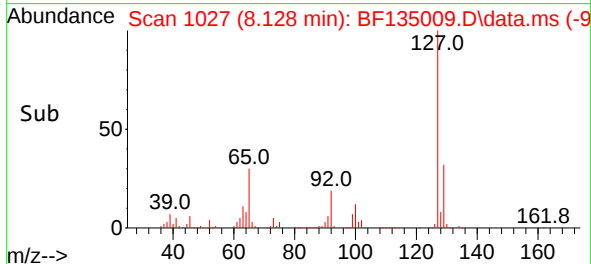
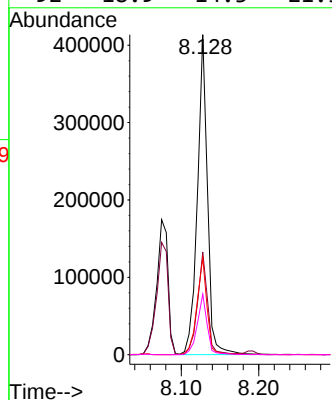
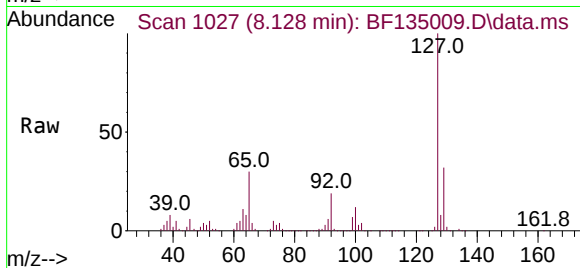




#33
4-Chloroaniline
Concen: 29.119 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

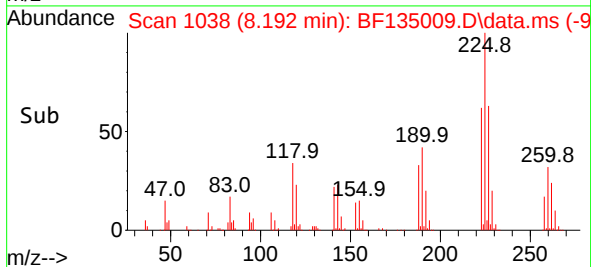
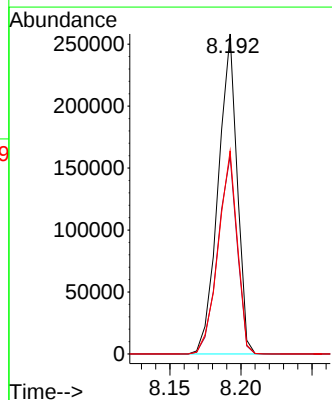
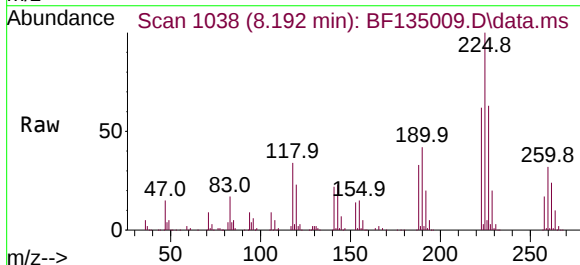
Instrument :
BNA_F
ClientSampleId :
PB155120BS

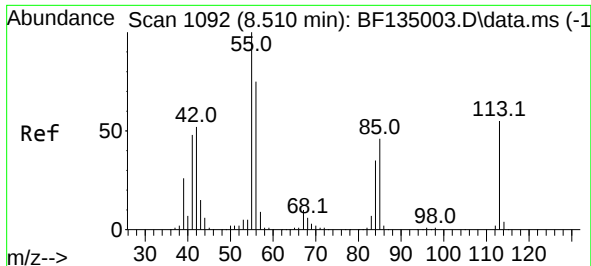
Tgt Ion:	127	Resp:	373047
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	30.3	23.1	34.7
92	18.9	14.3	21.5



#34
Hexachlorobutadiene
Concen: 47.081 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:	225	Resp:	238971
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.7	76.1
227	63.5	49.6	74.4

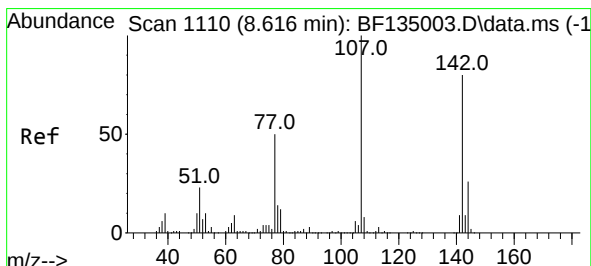
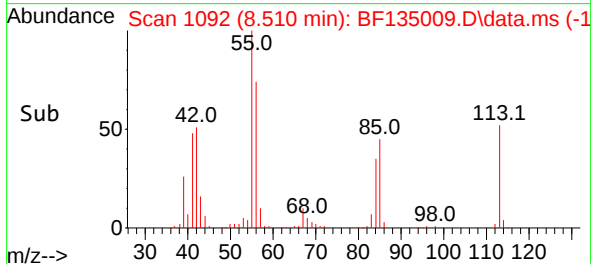
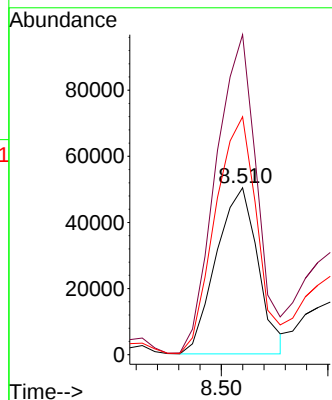
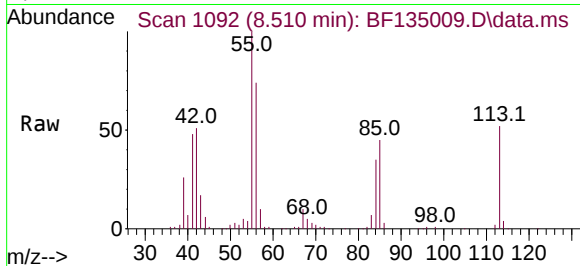




#35
 Caprolactam
 Concen: 25.295 ng
 RT: 8.510 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135009.D
 Acq: 30 Aug 2023 17:20

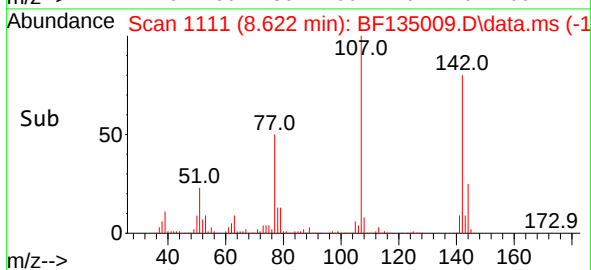
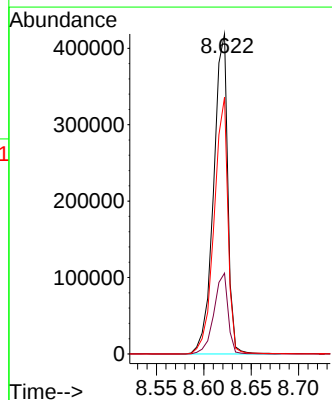
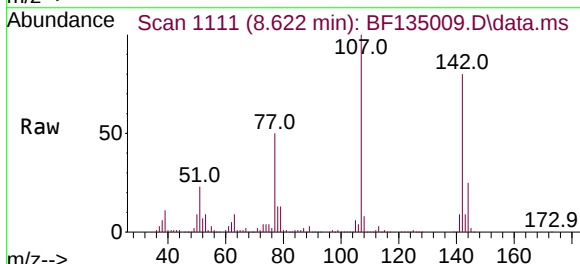
Instrument :
 BNA_F
 ClientSampleId :
 PB155120BS

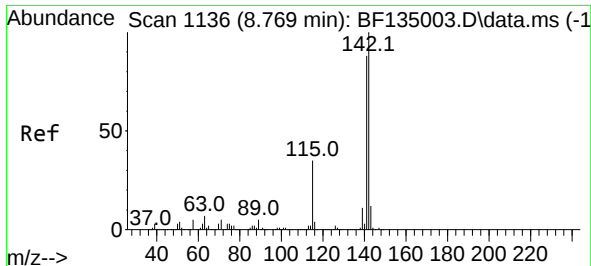
Tgt Ion:113 Resp: 68548
 Ion Ratio Lower Upper
 113 100
 55 191.7 160.6 200.6
 56 142.6 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.307 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135009.D
 Acq: 30 Aug 2023 17:20

Tgt Ion:107 Resp: 434249
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 80.2 64.4 96.6





#37

2-Methylnaphthalene

Concen: 44.679 ng

RT: 8.769 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

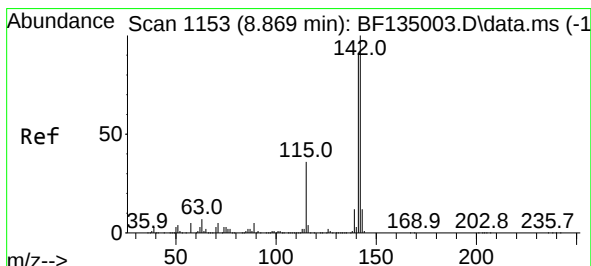
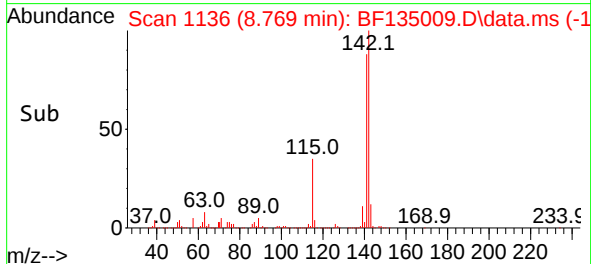
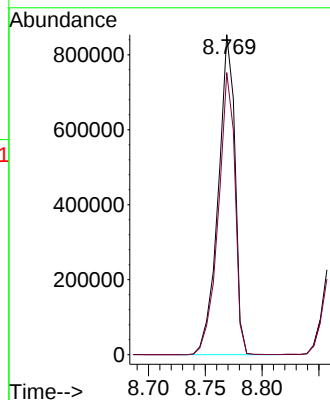
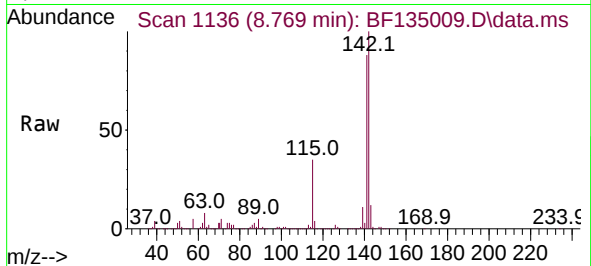
PB155120BS

Tgt Ion:142 Resp: 873165

Ion Ratio Lower Upper

142 100

141 88.2 70.7 106.1



#38

1-Methylnaphthalene

Concen: 45.329 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF135009.D

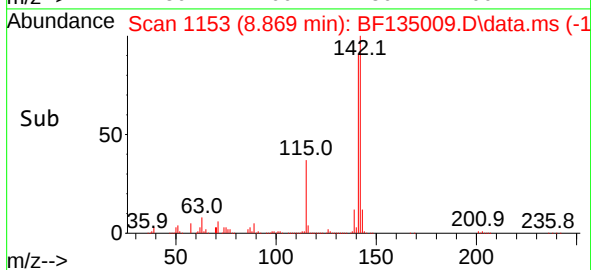
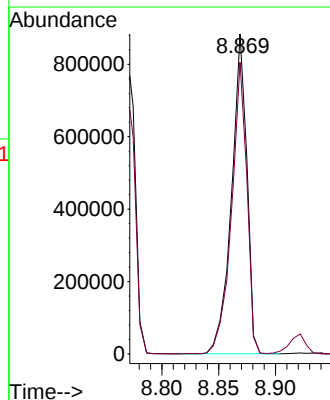
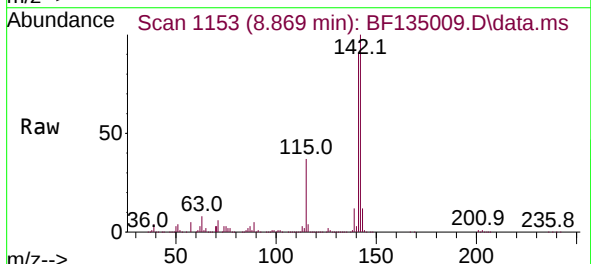
Acq: 30 Aug 2023 17:20

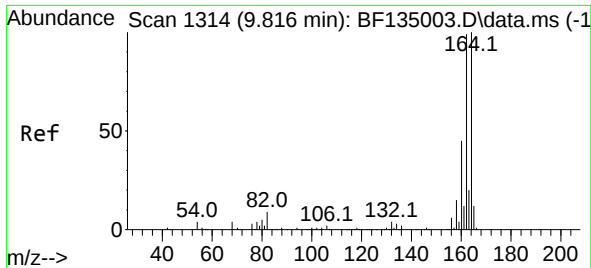
Tgt Ion:142 Resp: 828879

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

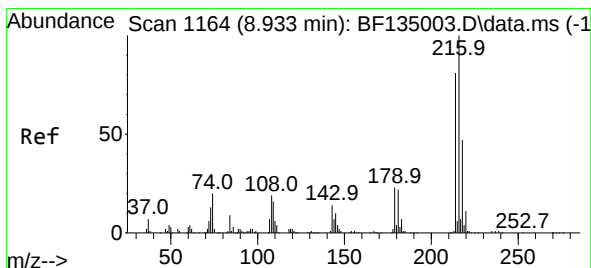
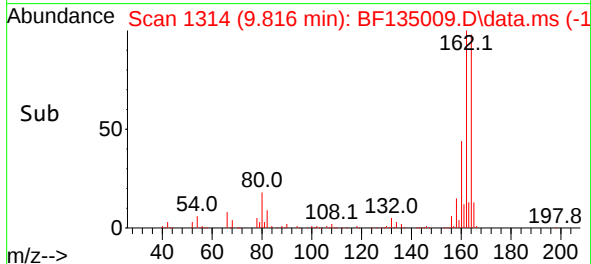
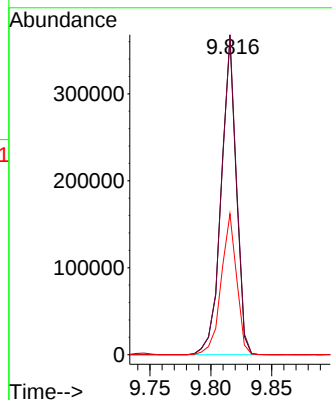
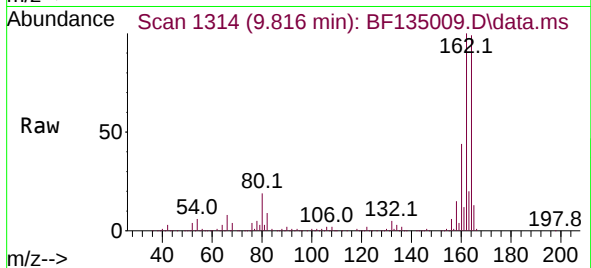




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

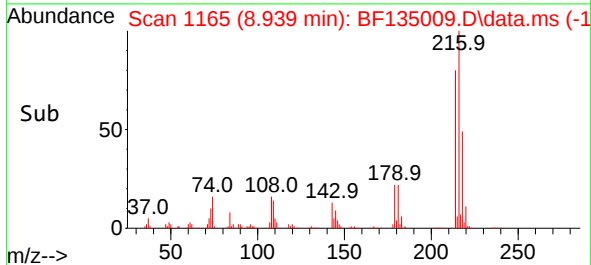
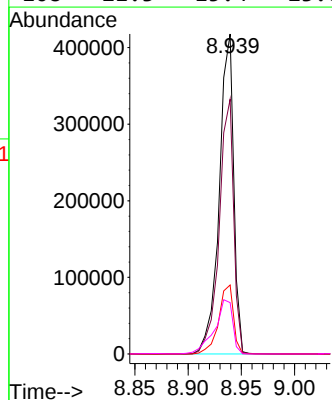
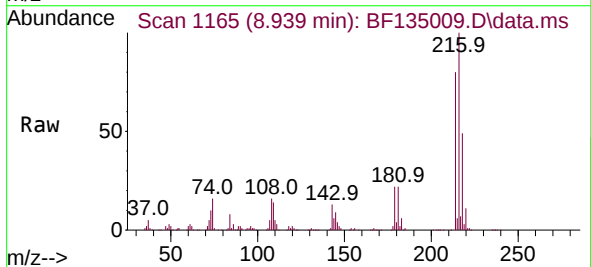
Instrument :
BNA_F
ClientSampleId :
PB155120BS

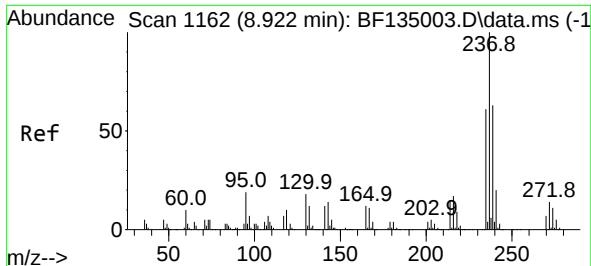
Tgt Ion:164 Resp: 315376
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.5 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.426 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

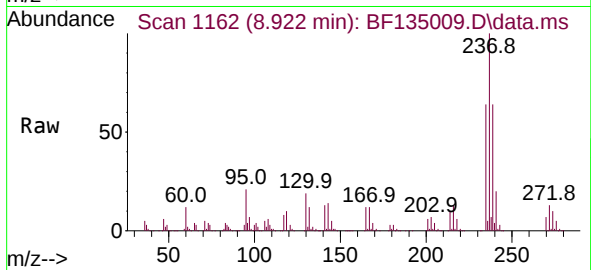
Tgt Ion:216 Resp: 392216
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 22.1 17.7 26.5
108 21.3 15.4 23.0



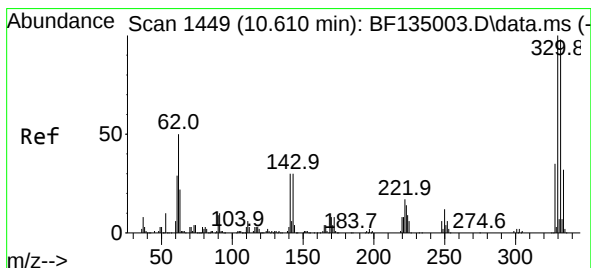
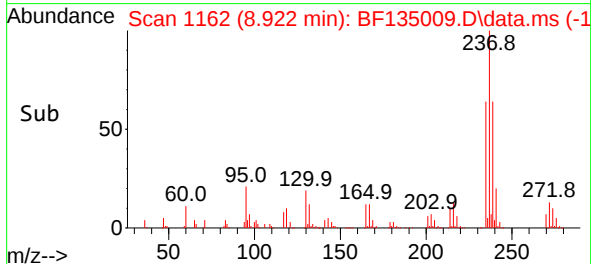
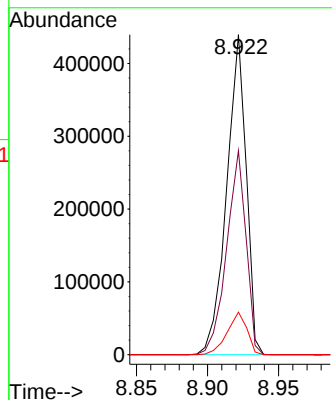


#41
Hexachlorocyclopentadiene
Concen: 112.028 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Instrument :
BNA_F
ClientSampleId :
PB155120BS

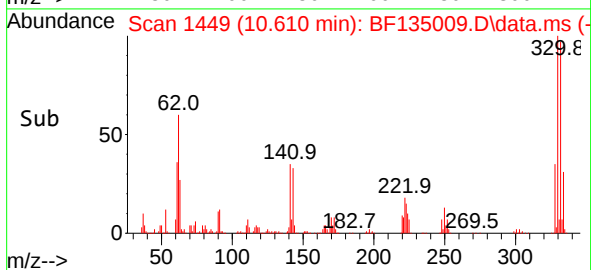
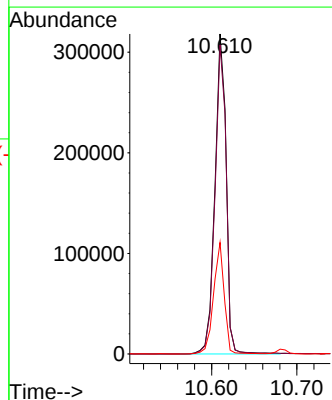
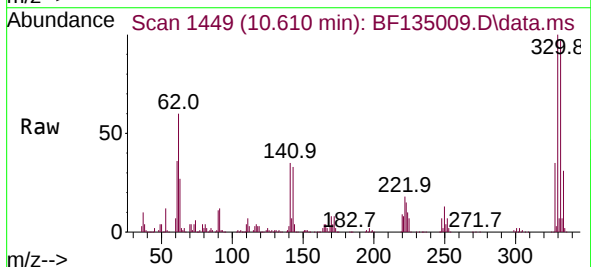


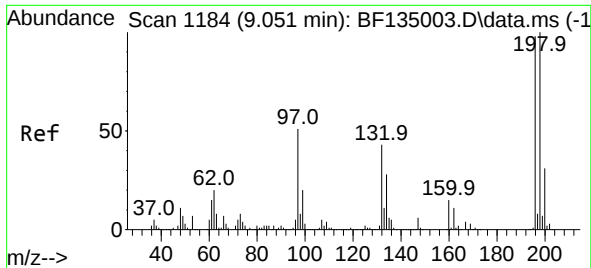
Tgt Ion:237 Resp: 420960
Ion Ratio Lower Upper
237 100
235 63.8 40.9 80.9
272 13.3 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 87.247 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:330 Resp: 291883
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 33.3 26.3 39.5

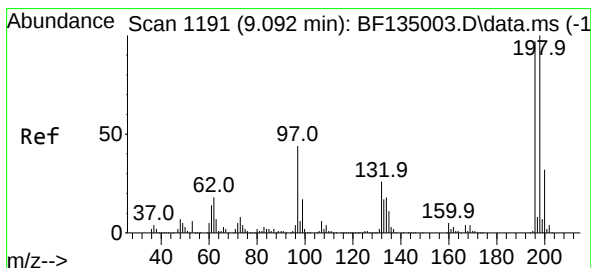
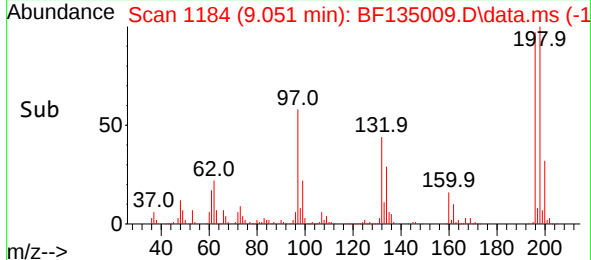
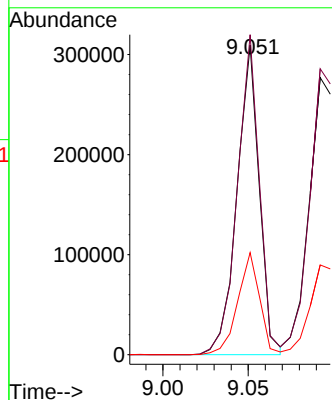
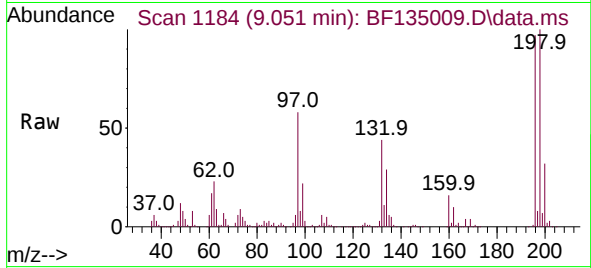




#43
2,4,6-Trichlorophenol
Concen: 47.415 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

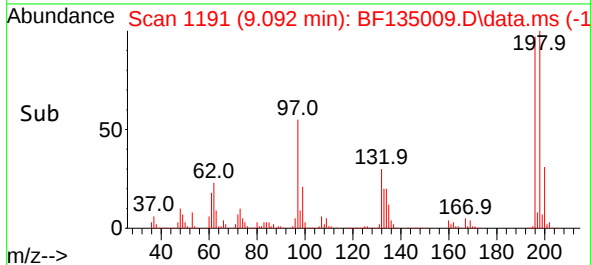
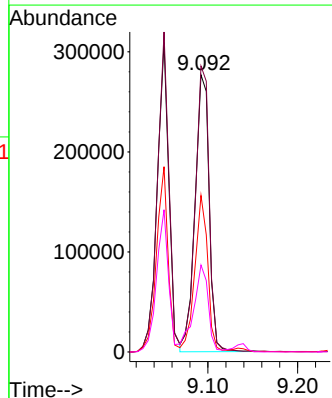
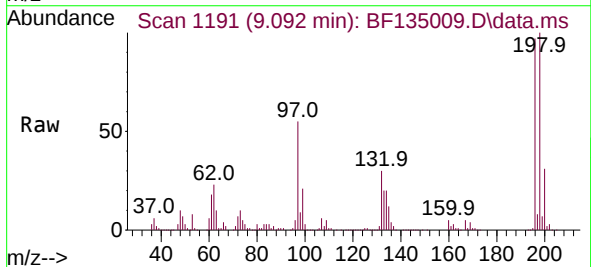
Instrument :
BNA_F
ClientSampleId :
PB155120BS

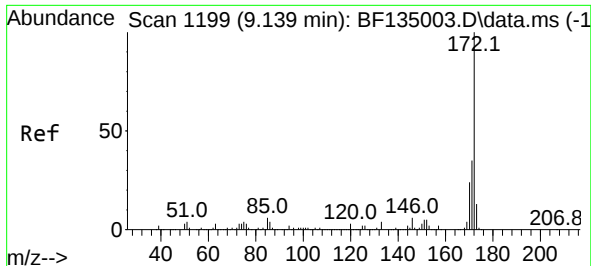
Tgt Ion:196 Resp: 281128
Ion Ratio Lower Upper
196 100
198 103.3 81.8 122.6
200 33.0 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 44.130 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:196 Resp: 302926
Ion Ratio Lower Upper
196 100
198 103.2 82.8 124.2
97 56.5 36.5 54.7#
132 31.4 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 86.124 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

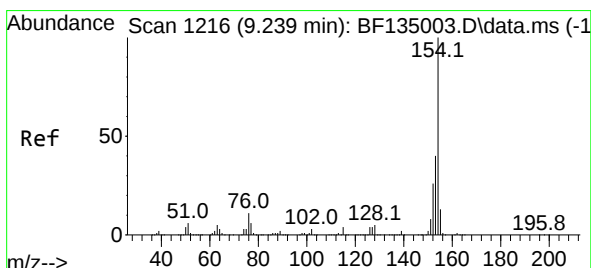
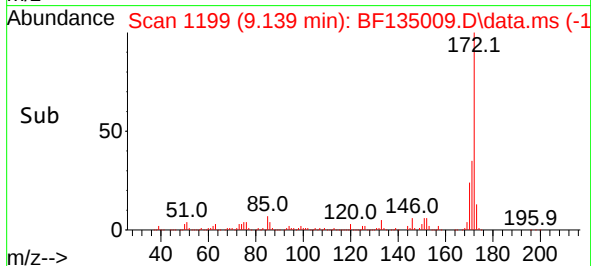
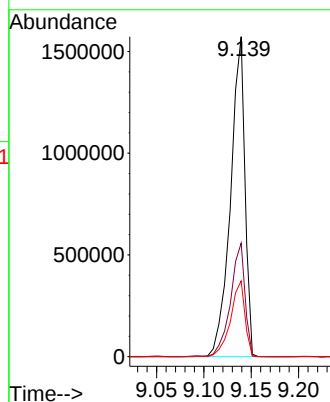
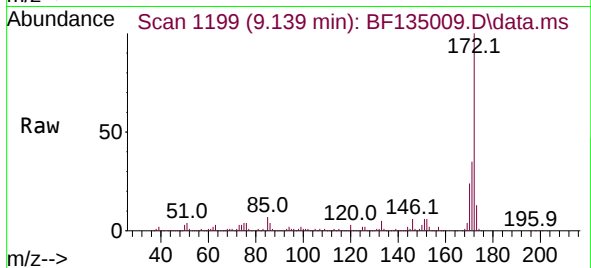
Tgt Ion:172 Resp: 1668293

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.015 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

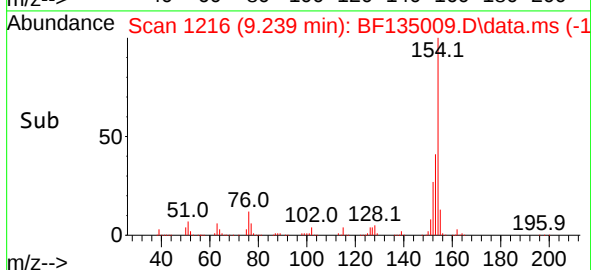
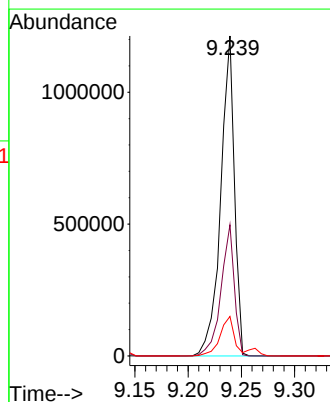
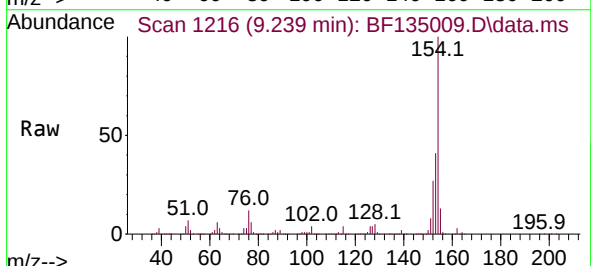
Tgt Ion:154 Resp: 1084649

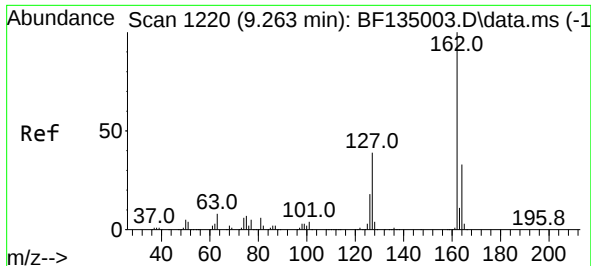
Ion Ratio Lower Upper

154 100

153 41.0 20.2 60.2

76 12.4 0.0 31.2

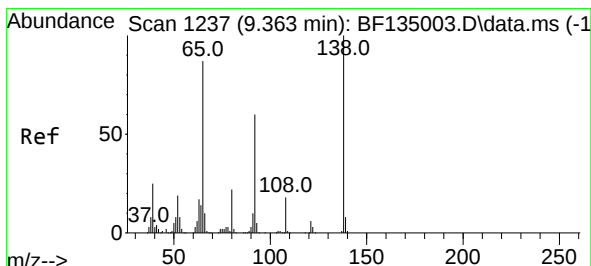
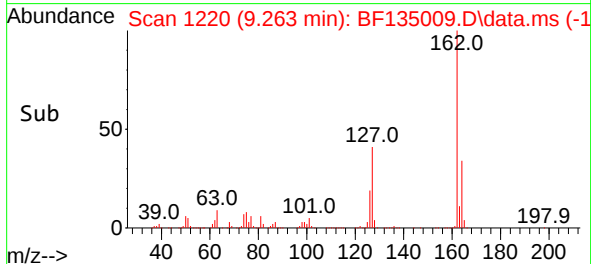
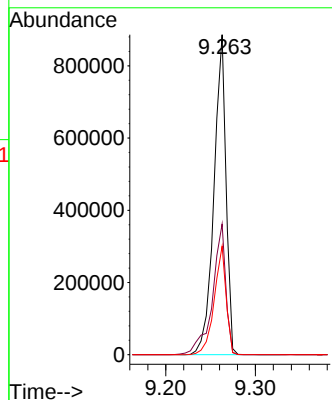
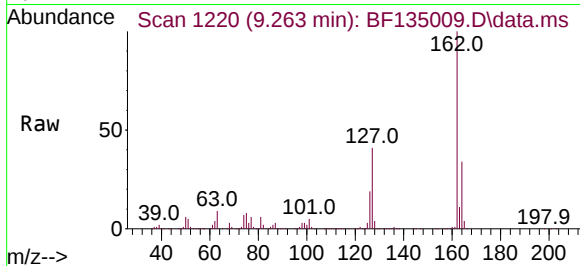




#47
2-Chloronaphthalene
Concen: 45.846 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

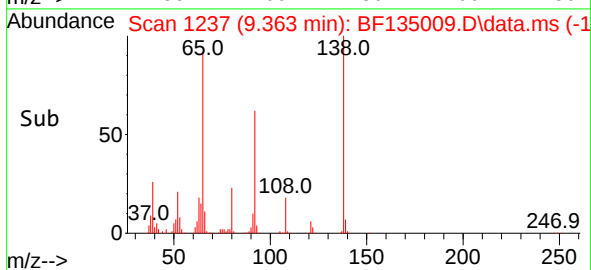
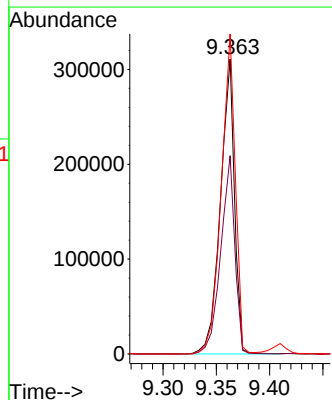
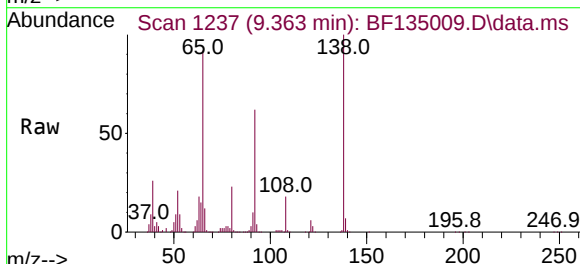
Instrument :
BNA_F
ClientSampleId :
PB155120BS

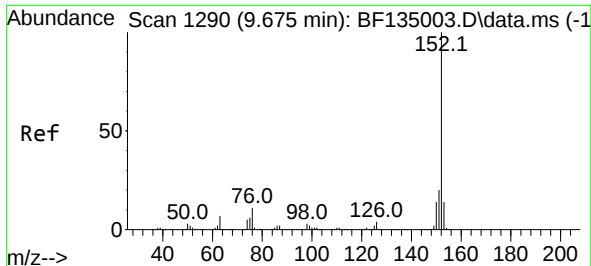
Tgt Ion:162 Resp: 830711
Ion Ratio Lower Upper
162 100
127 40.8 31.8 47.6
164 33.9 26.6 39.8



#48
2-Nitroaniline
Concen: 45.832 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion: 65 Resp: 284284
Ion Ratio Lower Upper
65 100
92 67.2 54.9 82.3
138 108.5 91.6 137.4





#49

Acenaphthylene

Concen: 46.273 ng

RT: 9.680 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

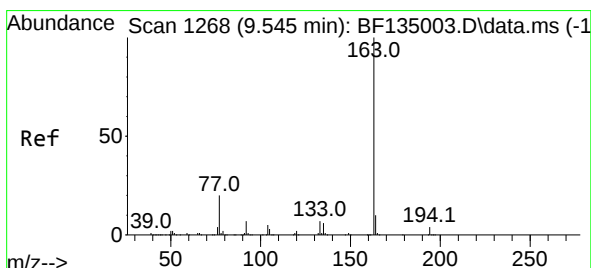
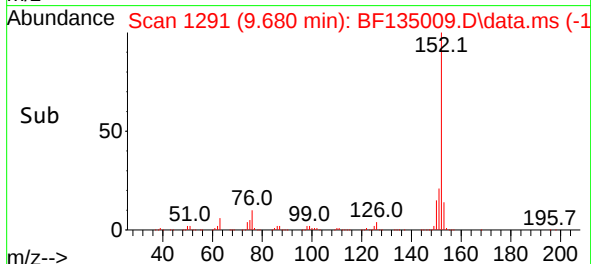
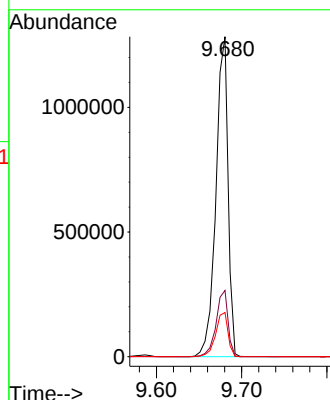
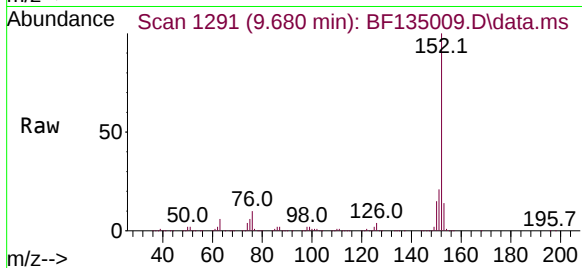
Tgt Ion:152 Resp: 1267447

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.8 11.4 17.0



#50

Dimethylphthalate

Concen: 45.751 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

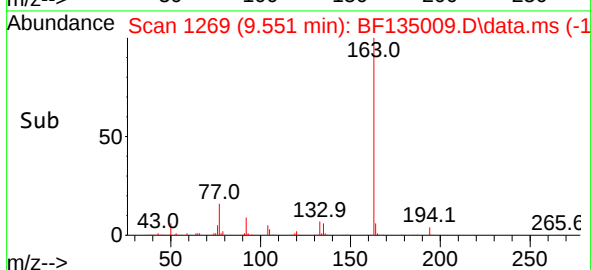
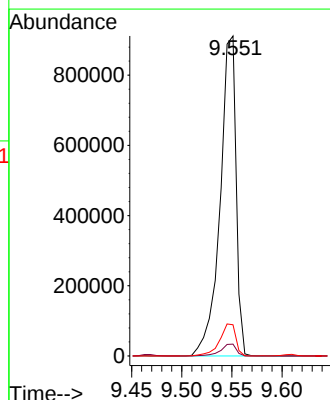
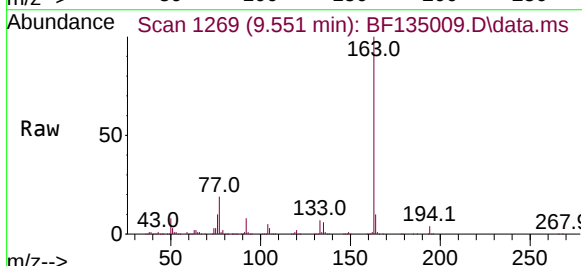
Tgt Ion:163 Resp: 1010319

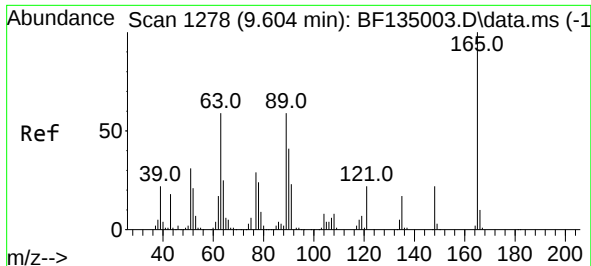
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.496 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

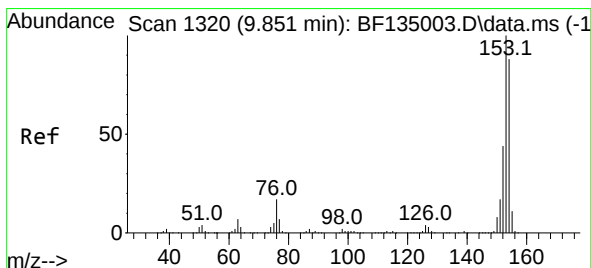
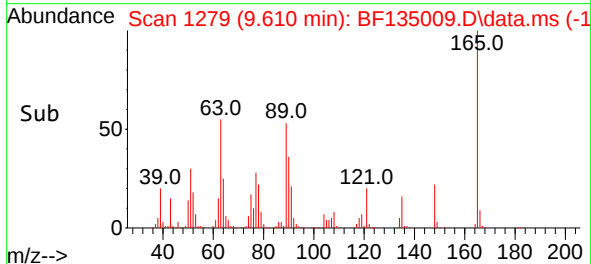
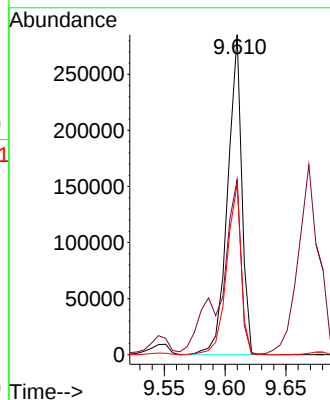
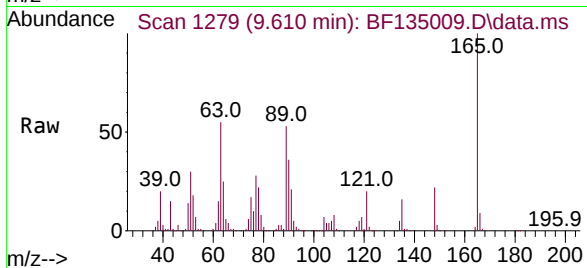
Tgt Ion:165 Resp: 230145

Ion Ratio Lower Upper

165 100

63 54.7 50.4 75.6

89 53.3 47.1 70.7



#52

Acenaphthene

Concen: 44.871 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

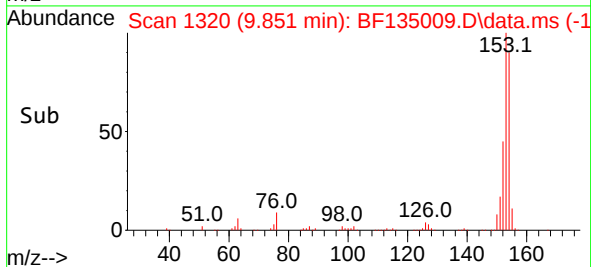
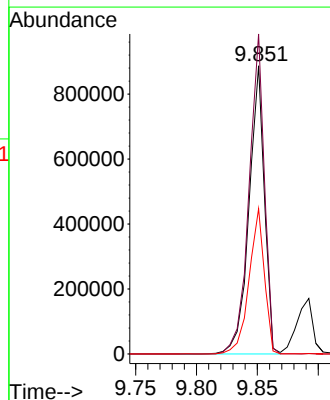
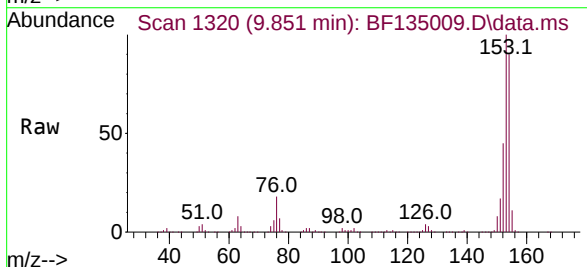
Tgt Ion:154 Resp: 783242

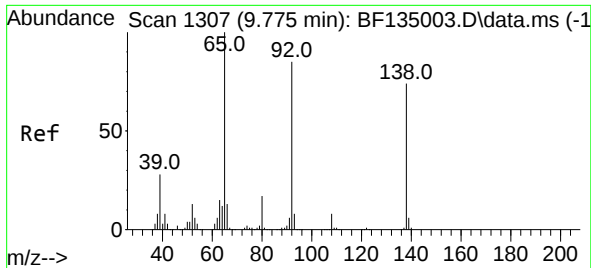
Ion Ratio Lower Upper

154 100

153 111.0 90.8 136.2

152 50.4 40.2 60.4

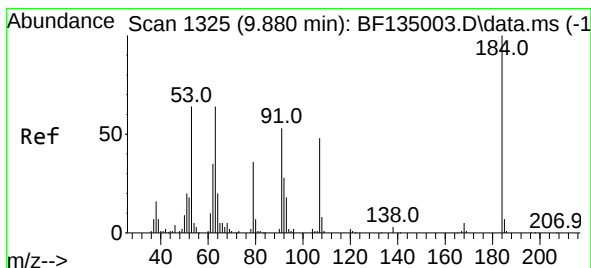
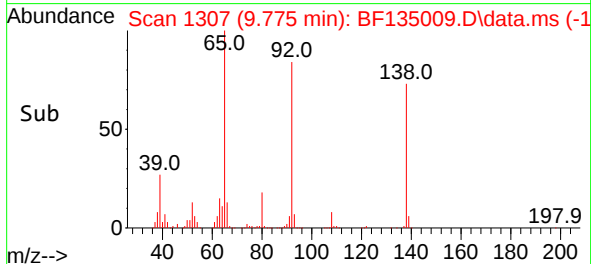
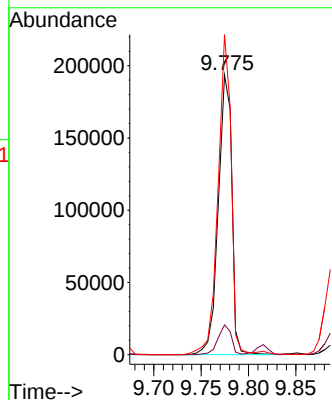
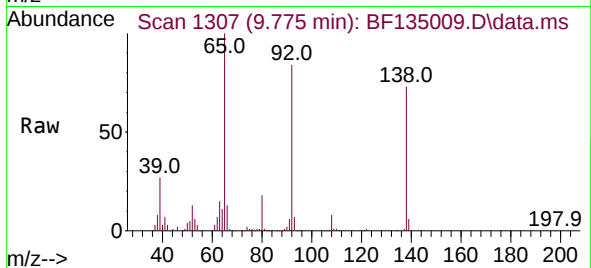




#53
3-Nitroaniline
Concen: 34.190 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

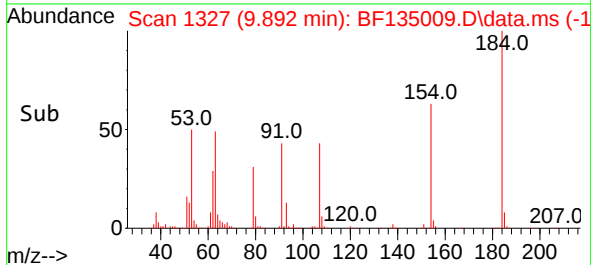
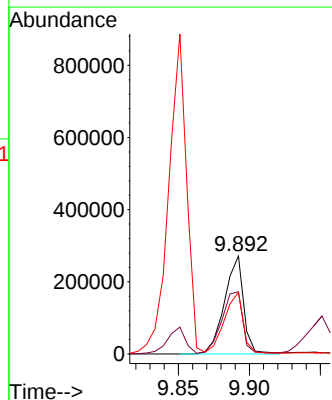
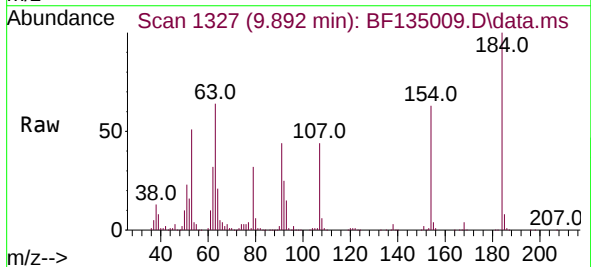
Instrument :
BNA_F
ClientSampleId :
PB155120BS

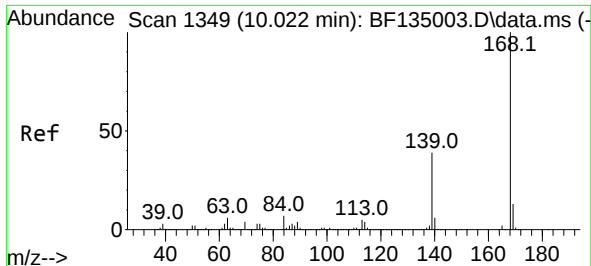
Tgt Ion:138 Resp: 192985
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 114.5 92.2 138.4



#54
2,4-Dinitrophenol
Concen: 109.730 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.012 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:184 Resp: 254118
Ion Ratio Lower Upper
184 100
63 63.6 62.2 93.2
154 62.9 52.3 78.5

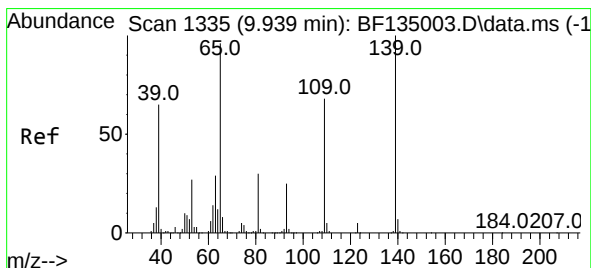
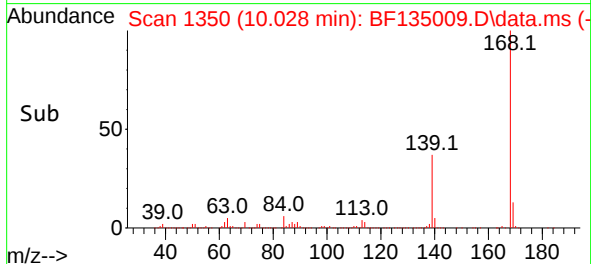
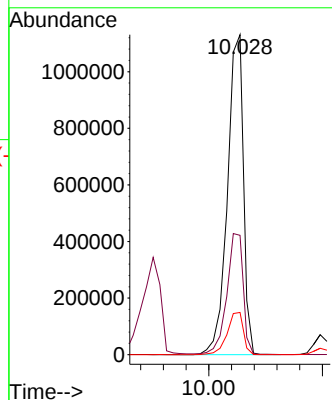
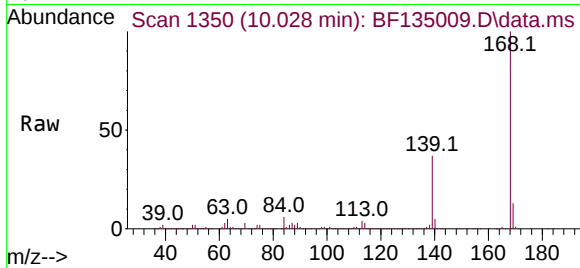




#55
Dibenzenofuran
Concen: 43.999 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.005 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

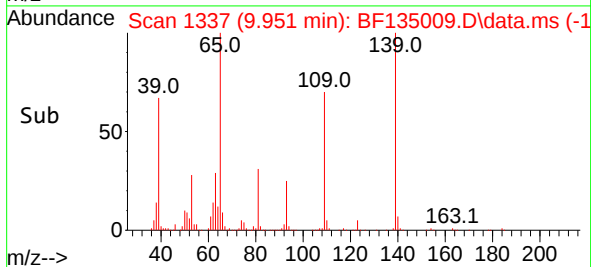
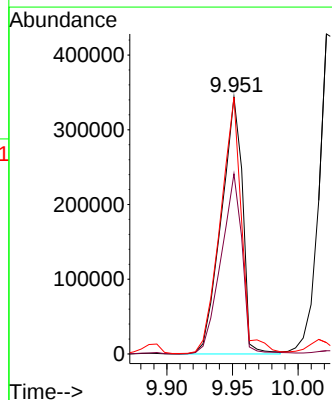
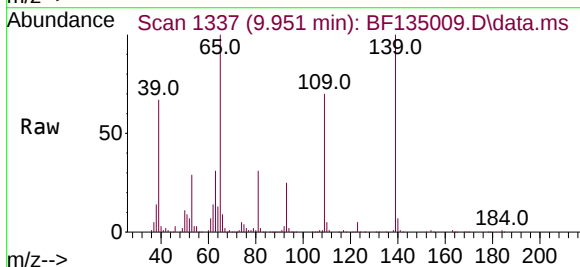
Instrument :
BNA_F
ClientSampleId :
PB155120BS

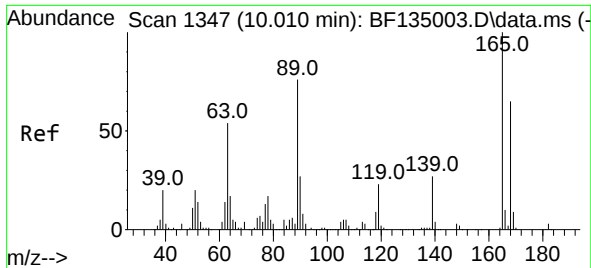
Tgt Ion:168 Resp: 1107875
Ion Ratio Lower Upper
168 100
139 37.3 31.5 47.3
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 97.704 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:139 Resp: 387663
Ion Ratio Lower Upper
139 100
109 70.1 47.7 87.7
65 99.9 75.9 115.9

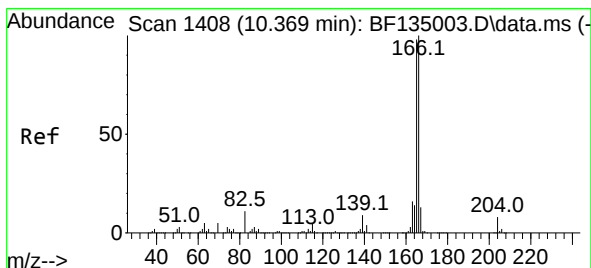
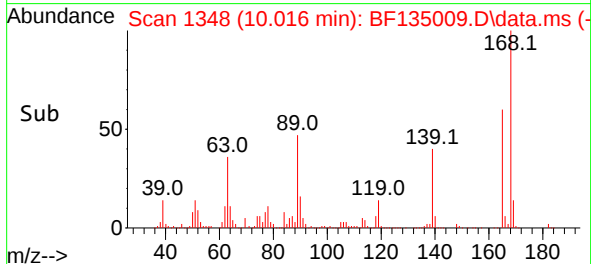
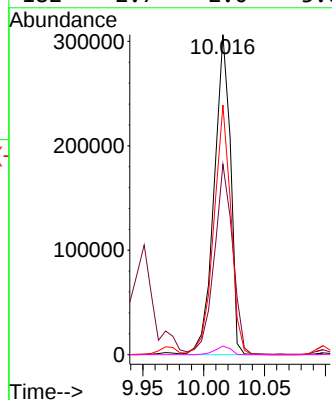
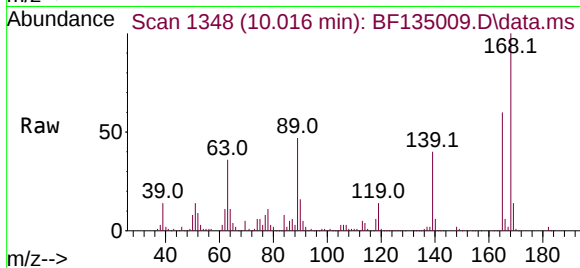




#57
2,4-Dinitrotoluene
Concen: 47.229 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

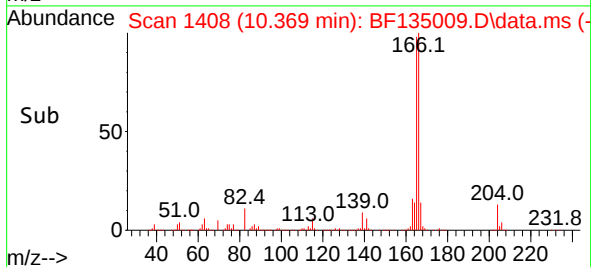
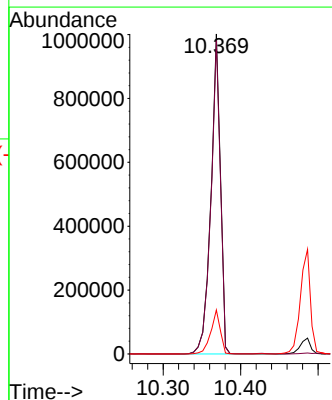
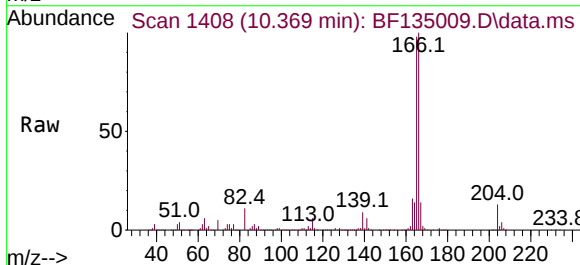
Instrument :
BNA_F
ClientSampleId :
PB155120BS

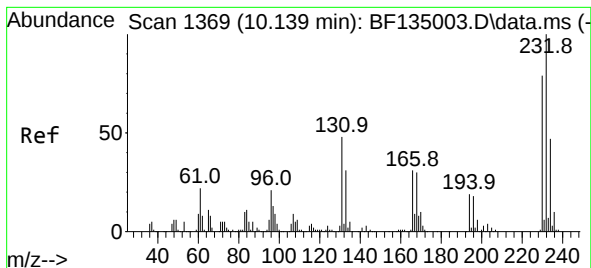
Tgt Ion:165 Resp: 285199
Ion Ratio Lower Upper
165 100
63 59.5 43.2 64.8
89 78.0 60.8 91.2
182 2.7 2.0 3.0



#58
Fluorene
Concen: 44.549 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:166 Resp: 855177
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.7 10.8 16.2

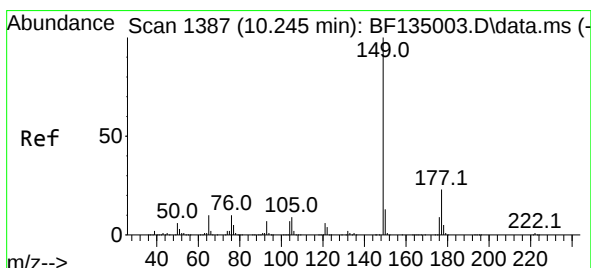
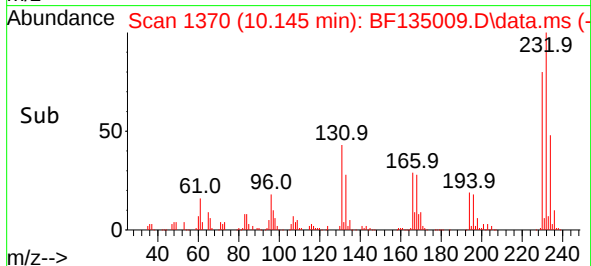
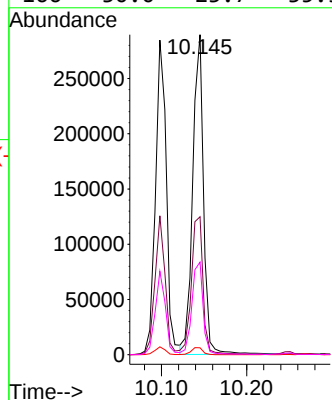
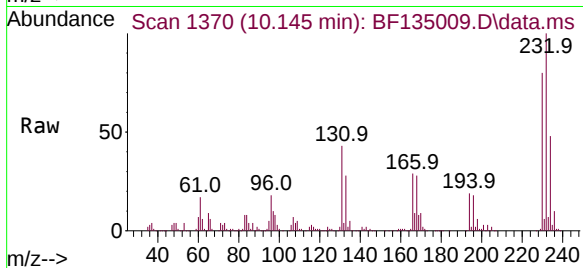




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.100 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

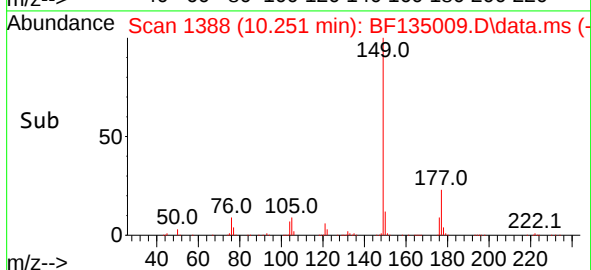
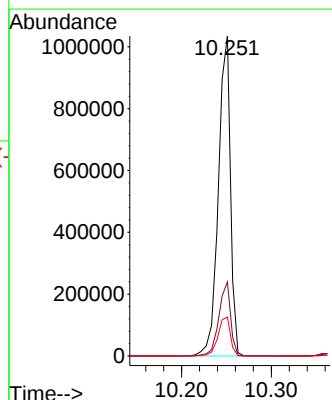
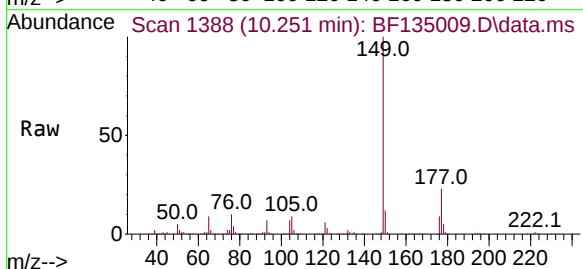
Instrument :
BNA_F
ClientSampleId :
PB155120BS

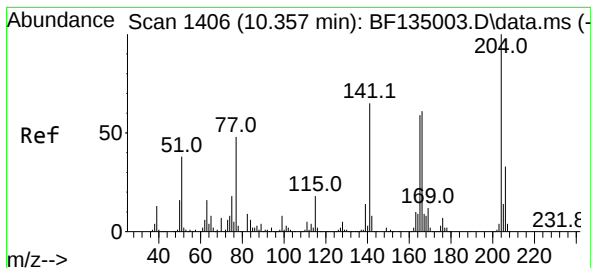
Tgt Ion:232 Resp: 254247
Ion Ratio Lower Upper
232 100
131 46.8 35.3 52.9
130 2.4 1.7 2.5
166 30.0 23.7 35.5



#60
Diethylphthalate
Concen: 46.424 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:149 Resp: 965044
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.2 10.1 15.1

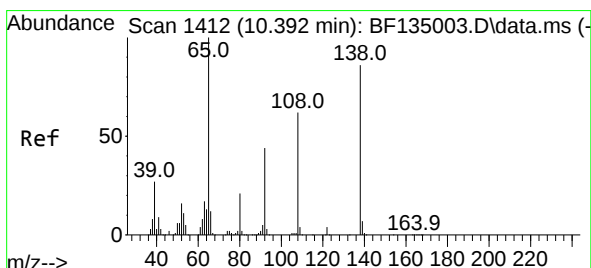
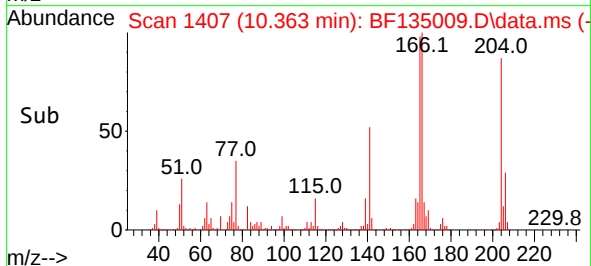
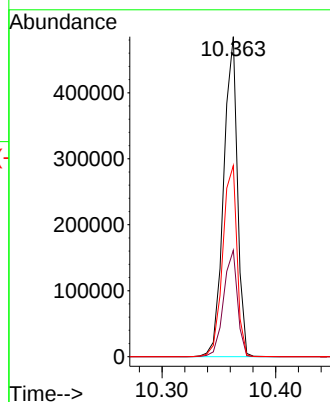
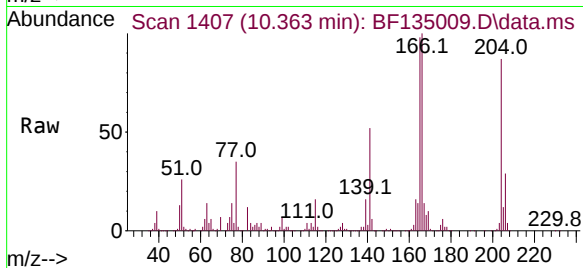




#61
4-Chlorophenyl-phenylether
Concen: 43.285 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

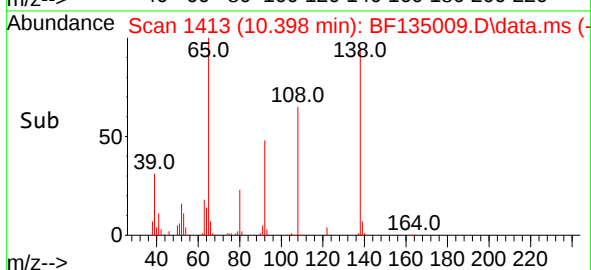
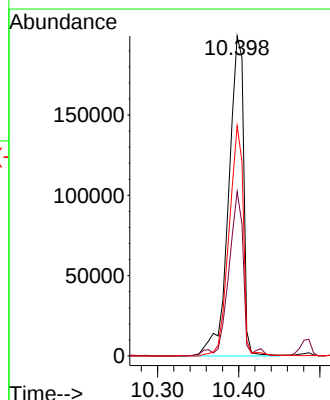
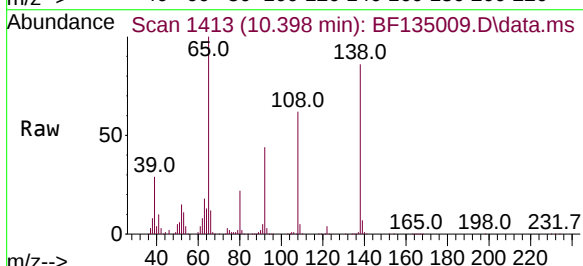
Instrument :
BNA_F
ClientSampleId :
PB155120BS

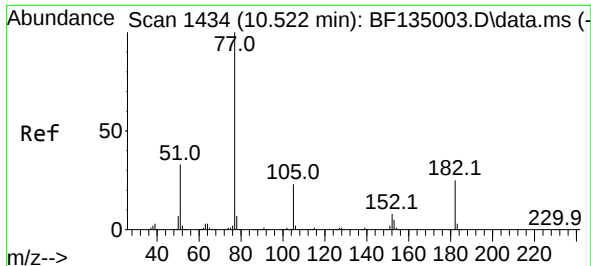
Tgt Ion:204 Resp: 410999
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 59.7 51.8 77.6



#62
4-Nitroaniline
Concen: 46.295 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:138 Resp: 255688
Ion Ratio Lower Upper
138 100
92 51.3 30.7 70.7
108 71.9 51.7 91.7

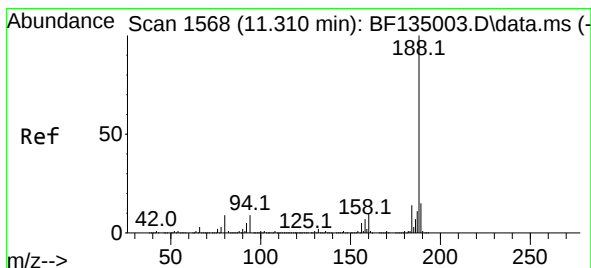
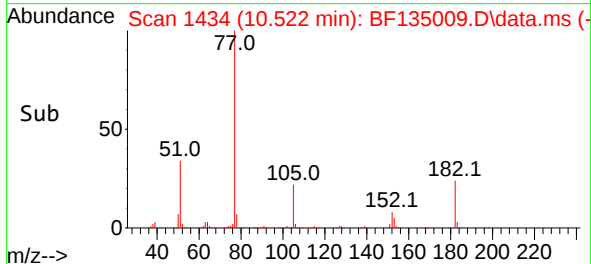
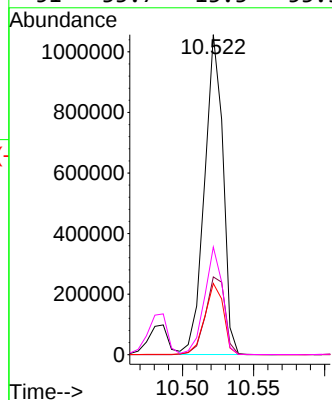
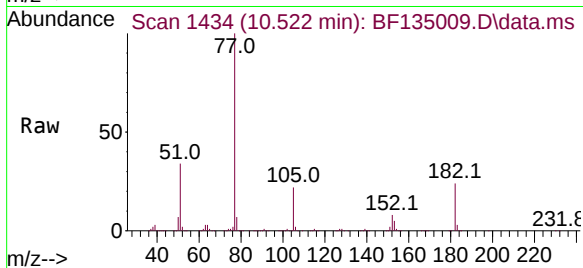




#63
Azobenzene
Concen: 45.680 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

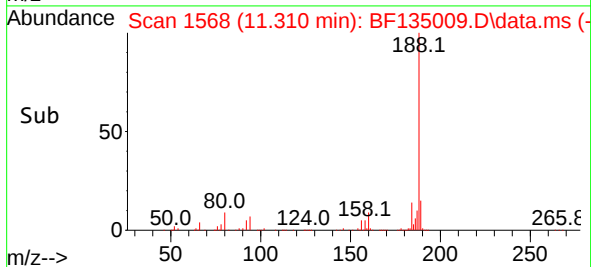
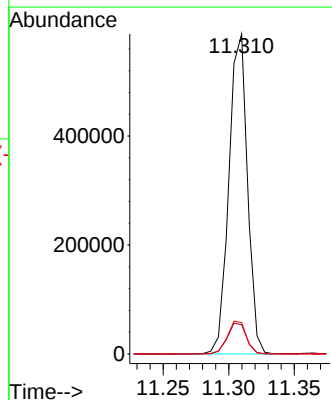
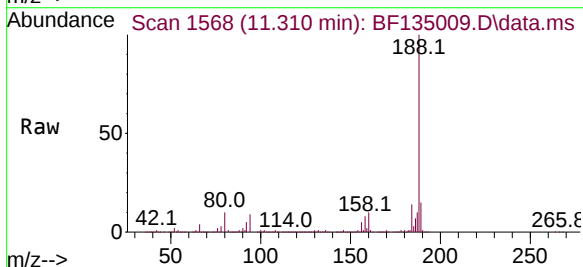
Instrument :
BNA_F
ClientSampleId :
PB155120BS

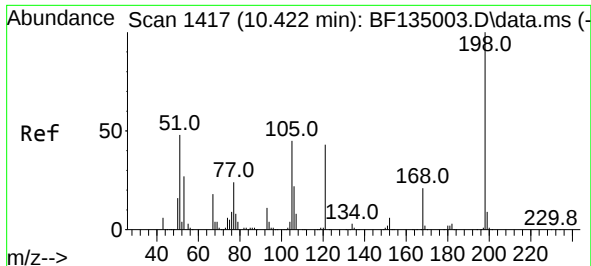
Tgt Ion:	77	Resp:	956127
Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.9	44.9
105	22.3	2.7	42.7
51	33.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:	188	Resp:	578811
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.8	7.4	11.2

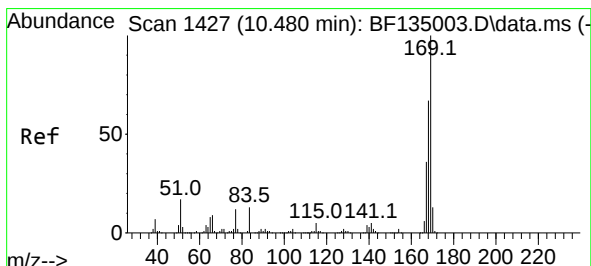
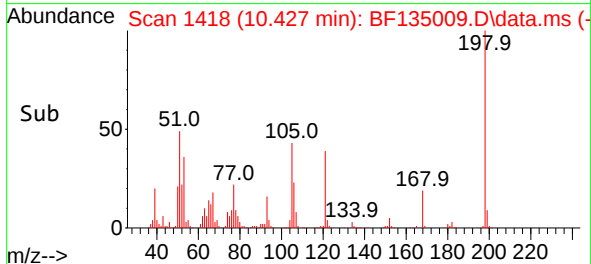
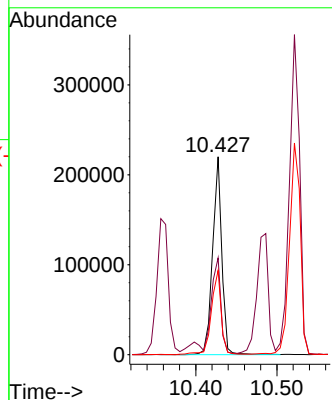
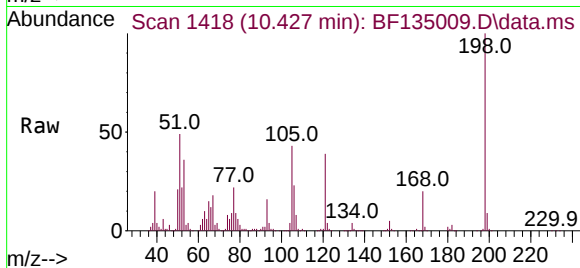




#65
4,6-Dinitro-2-methylphenol
Concen: 49.289 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

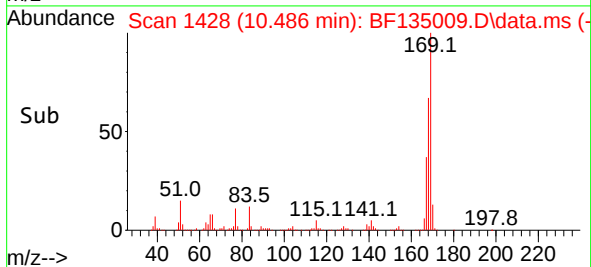
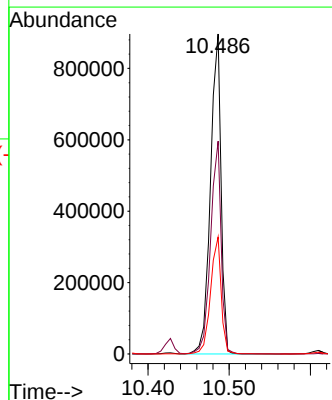
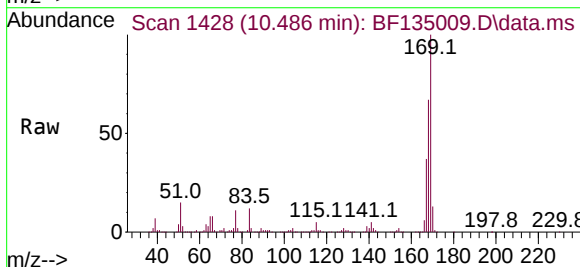
Instrument :
BNA_F
ClientSampleId :
PB155120BS

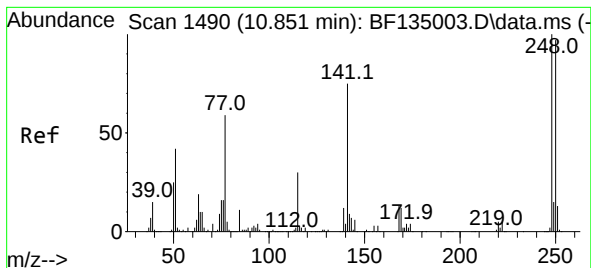
Tgt Ion:198 Resp: 172663
Ion Ratio Lower Upper
198 100
51 48.9 35.7 75.7
105 42.6 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 44.999 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:169 Resp: 809851
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.5 29.0 43.4

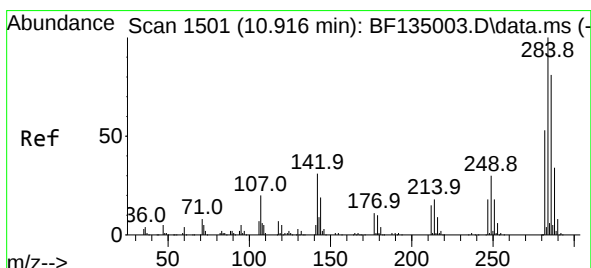
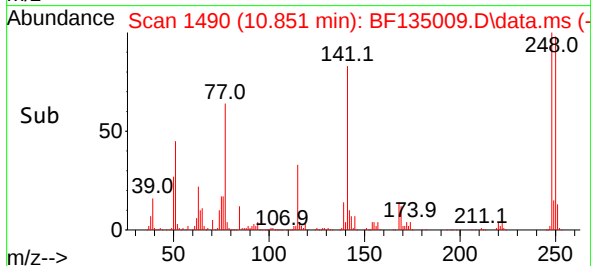
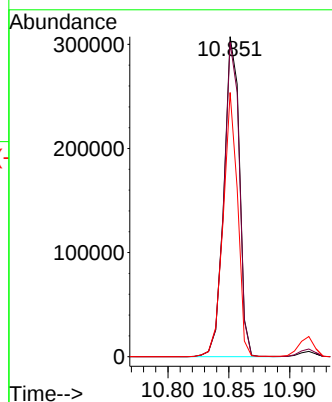
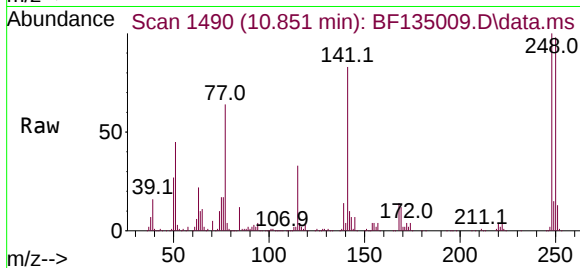




#67
4-Bromophenyl-phenylether
Concen: 44.525 ng
RT: 10.851 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

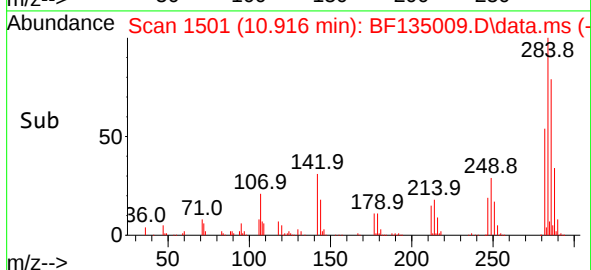
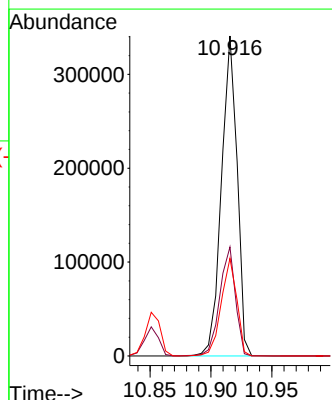
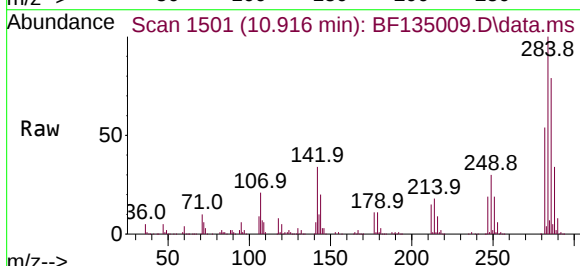
Instrument :
BNA_F
ClientSampleId :
PB155120BS

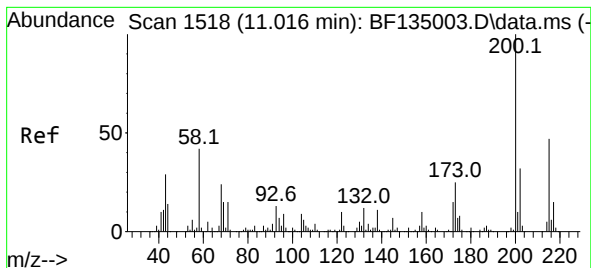
Tgt Ion:248 Resp: 273349
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 82.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 48.111 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:284 Resp: 305412
Ion Ratio Lower Upper
284 100
142 34.0 25.1 37.7
249 30.5 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.022 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

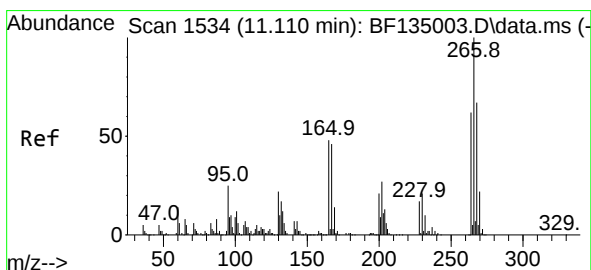
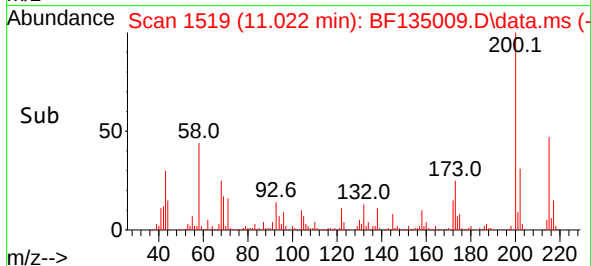
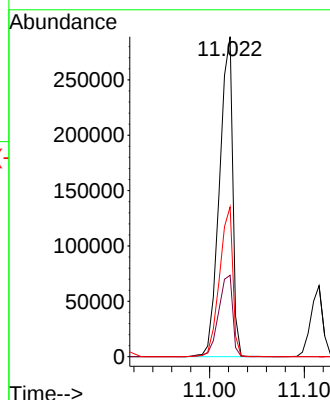
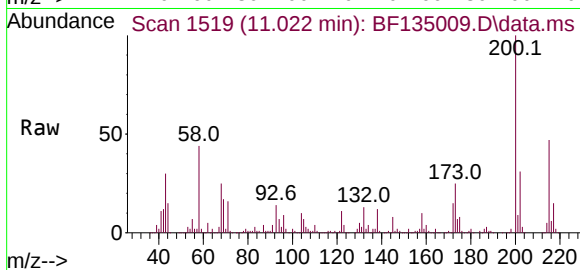
Tgt Ion:200 Resp: 280425

Ion Ratio Lower Upper

200 100

173 25.5 5.0 45.0

215 46.8 26.9 66.9



#70

Pentachlorophenol

Concen: 78.353 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

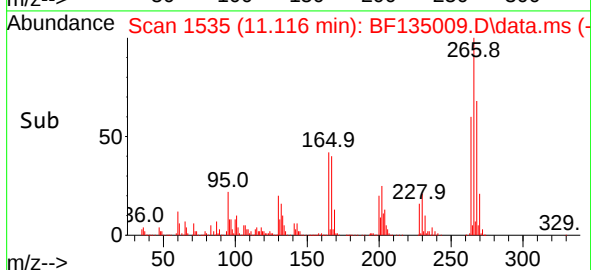
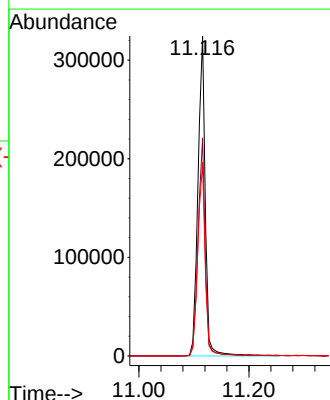
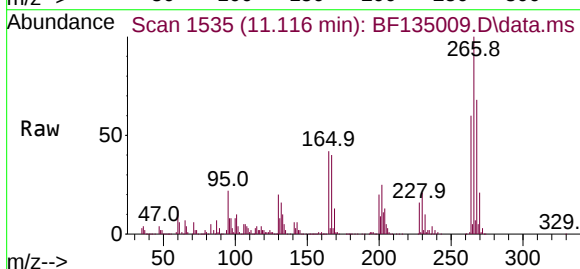
Tgt Ion:266 Resp: 300914

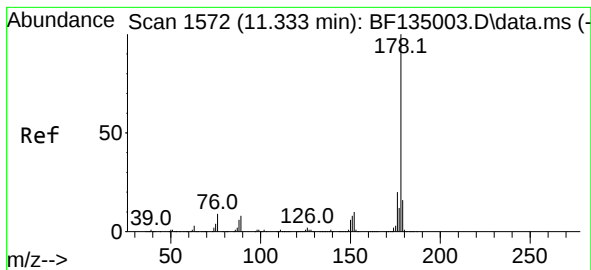
Ion Ratio Lower Upper

266 100

268 68.1 53.3 79.9

264 60.4 49.3 73.9





#71

Phenanthrene

Concen: 45.737 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

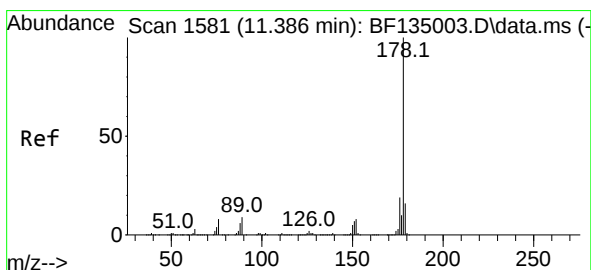
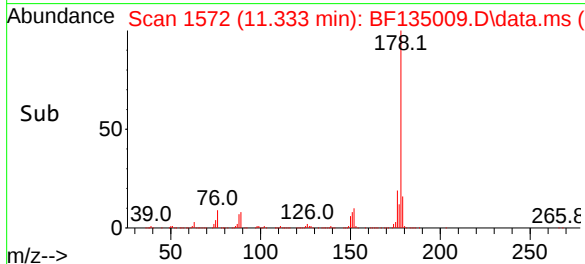
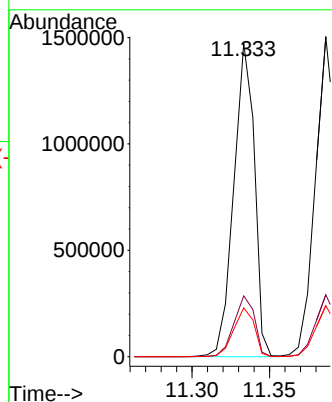
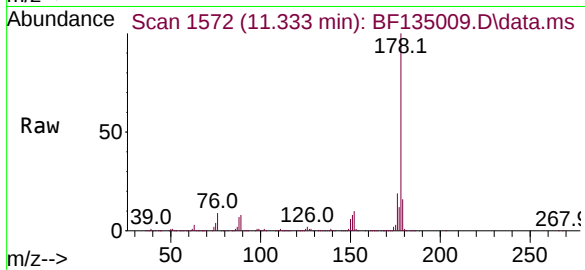
Tgt Ion:178 Resp: 1365753

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 45.725 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

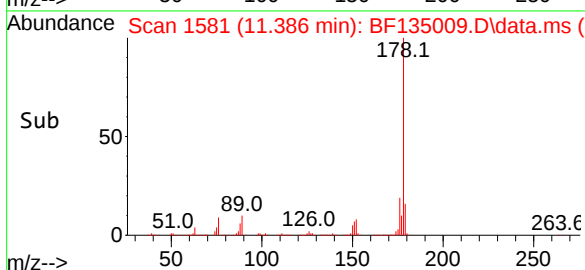
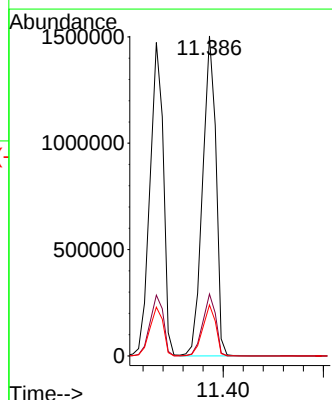
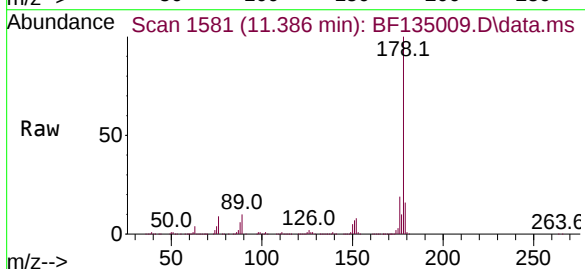
Tgt Ion:178 Resp: 1395033

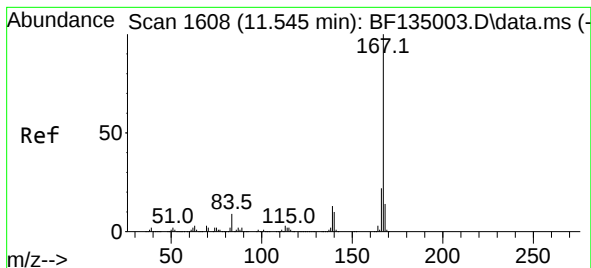
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.8 19.2





#73

Carbazole

Concen: 46.476 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

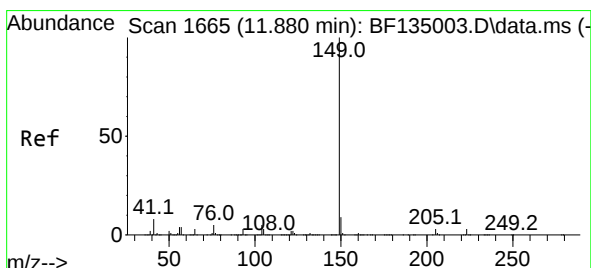
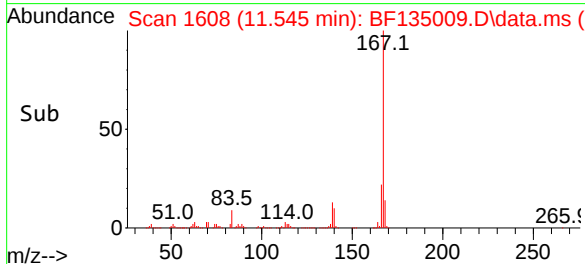
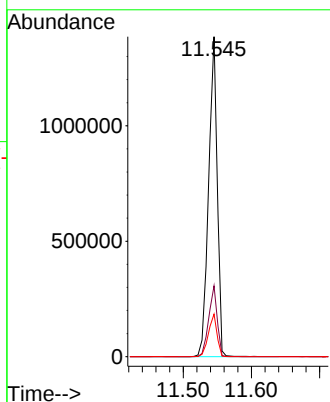
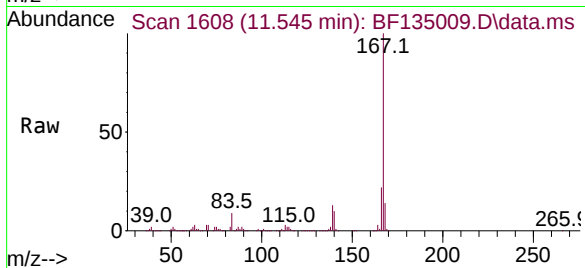
Tgt Ion:167 Resp: 1223015

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.951 ng

RT: 11.880 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

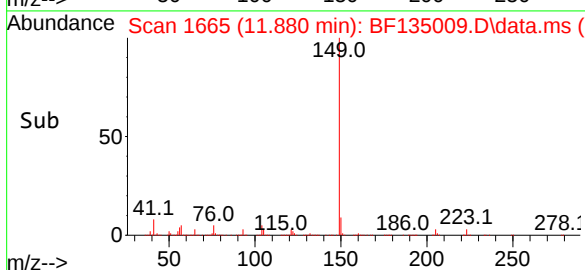
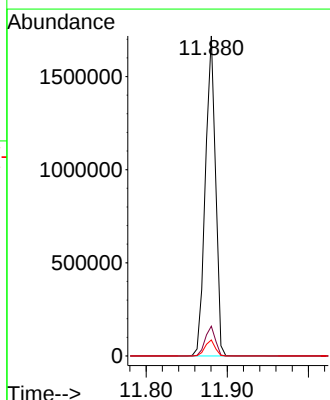
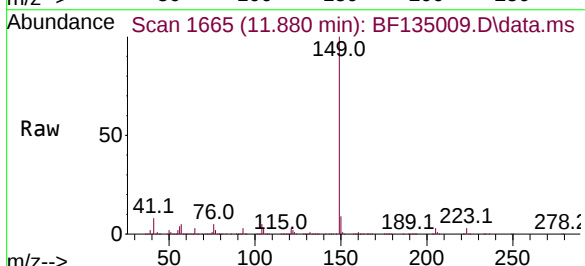
Tgt Ion:149 Resp: 1489336

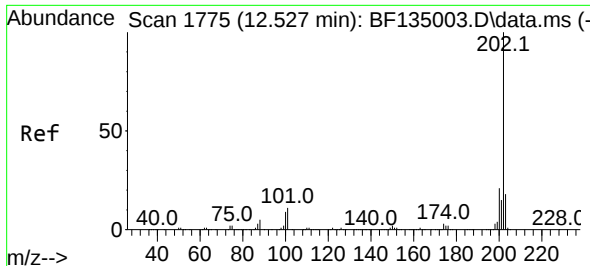
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.0 6.0

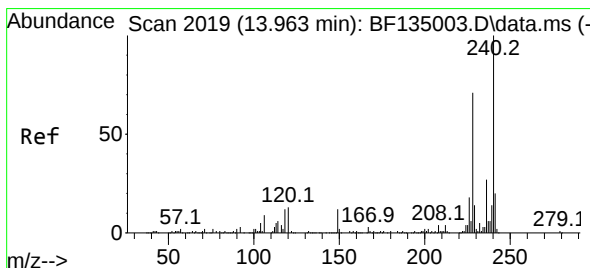
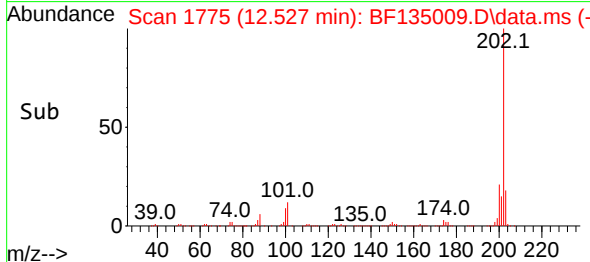
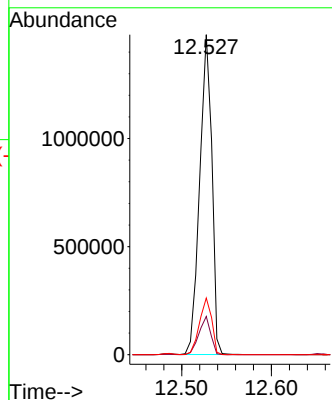
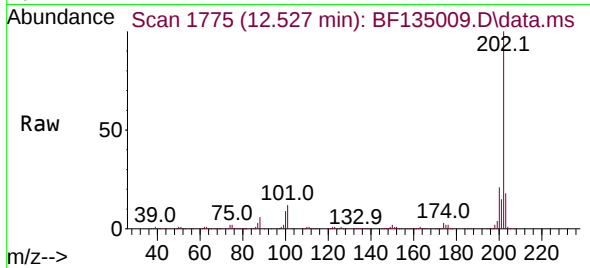




#75
Fluoranthene
Concen: 46.131 ng
RT: 12.527 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

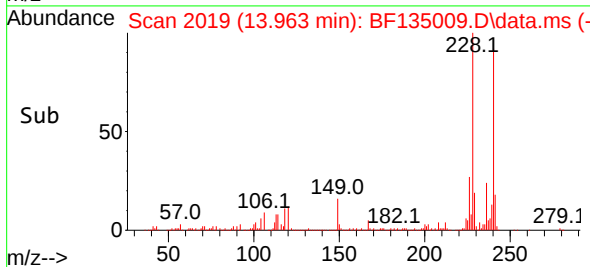
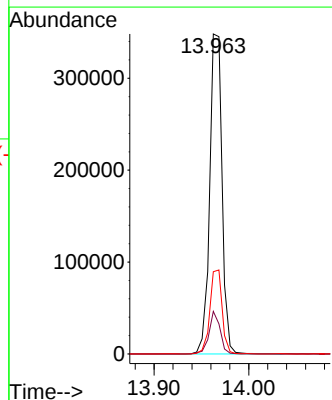
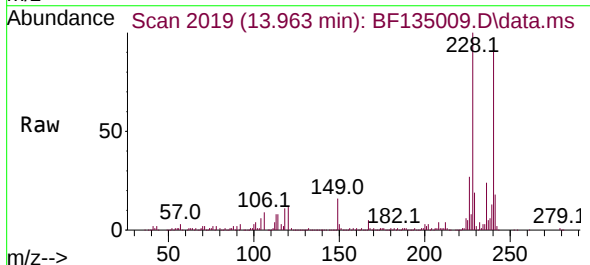
Instrument :
BNA_F
ClientSampleId :
PB155120BS

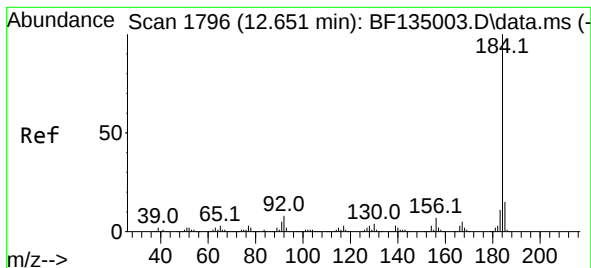
Tgt Ion:202 Resp: 1392743
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.5
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:240 Resp: 314524
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.2
236 25.7 21.3 31.9





#77

Benzidine

Concen: 87.392 ng

RT: 12.651 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

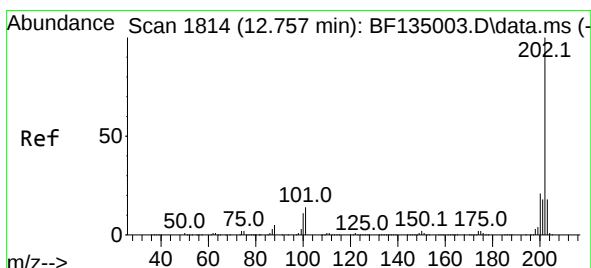
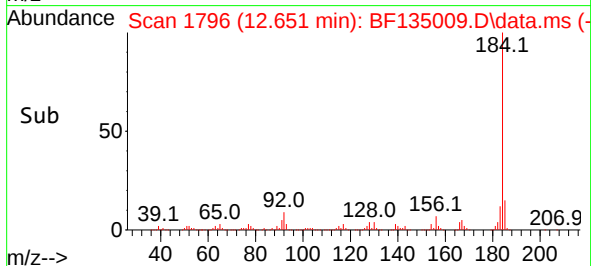
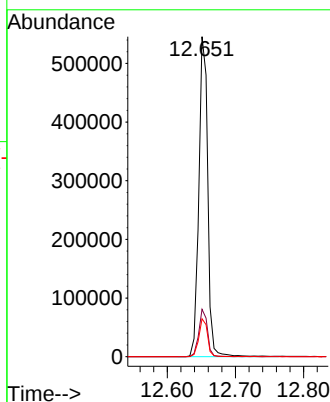
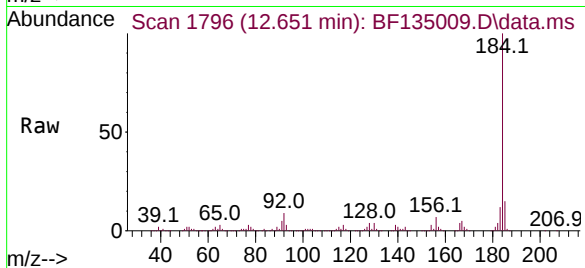
Tgt Ion:184 Resp: 495494

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

183 11.9 9.0 13.6



#78

Pyrene

Concen: 47.417 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

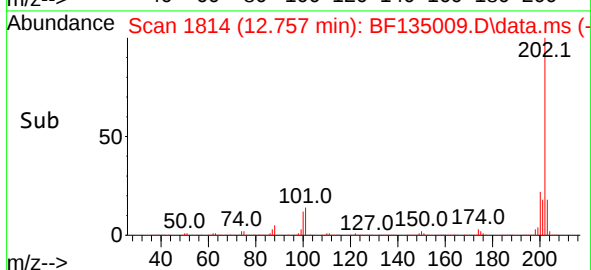
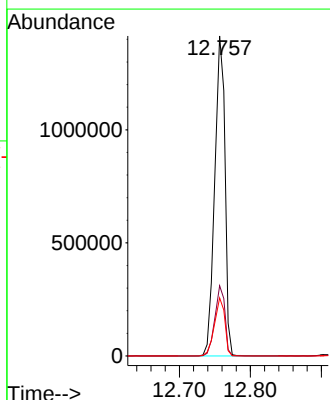
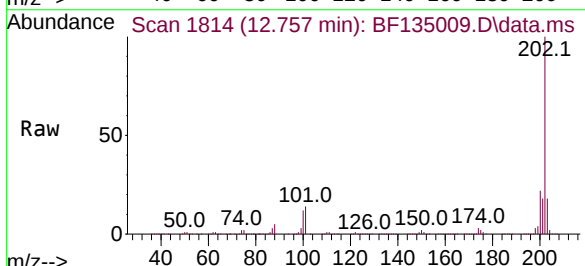
Tgt Ion:202 Resp: 1416012

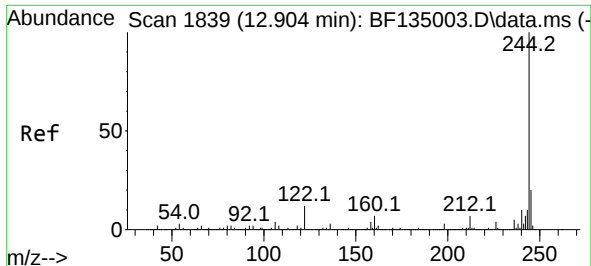
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.6

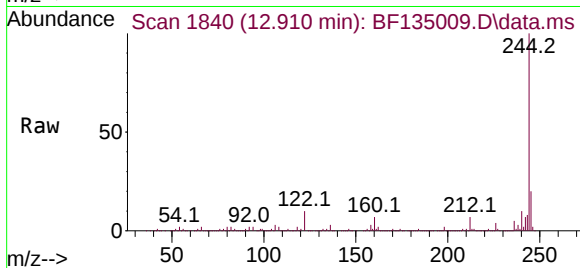
203 18.2 14.2 21.2





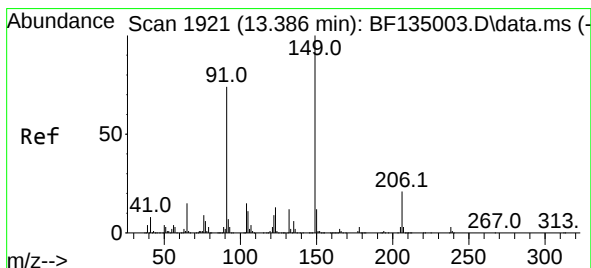
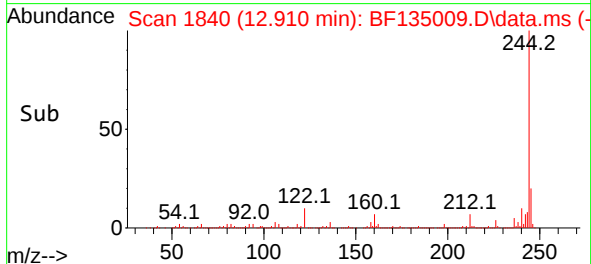
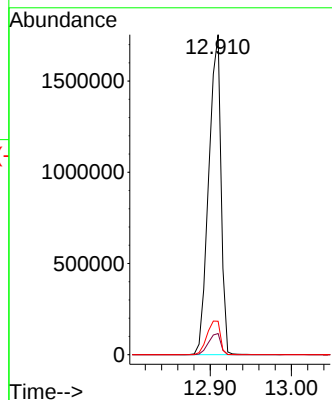
#79
 Terphenyl-d14
 Concen: 94.930 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF135009.D
 Acq: 30 Aug 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155120BS



Tgt Ion:244 Resp: 1829626

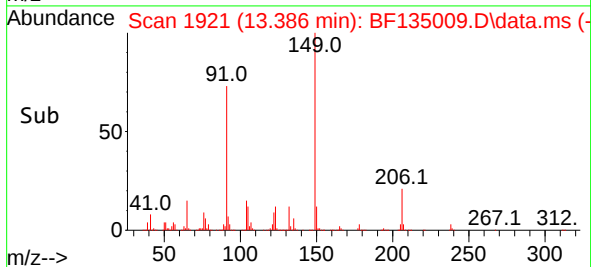
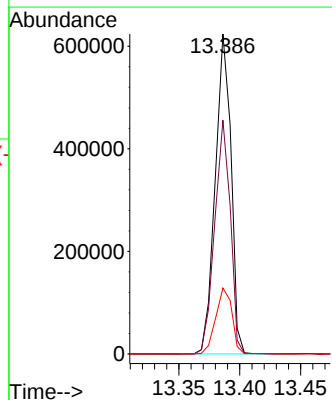
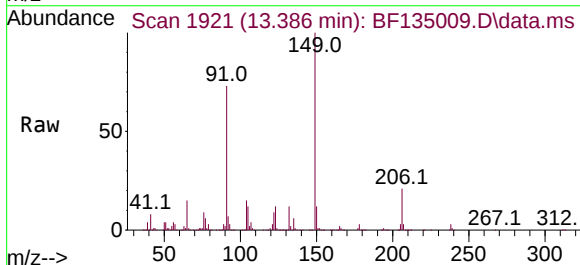
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.4	9.8	14.6

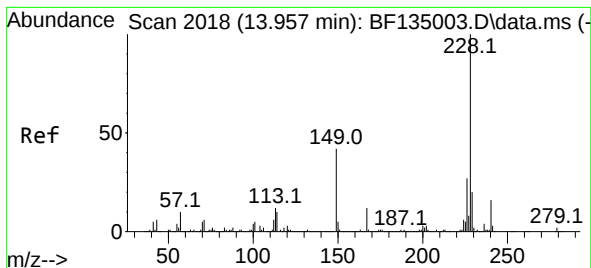


#80
 Butylbenzylphthalate
 Concen: 52.122 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: BF135009.D
 Acq: 30 Aug 2023 17:20

Tgt Ion:149 Resp: 562299

Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.0	88.6
206	20.6	16.7	25.1

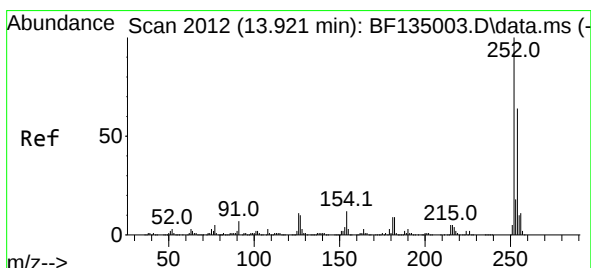
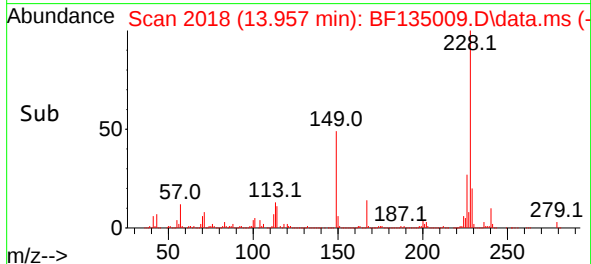
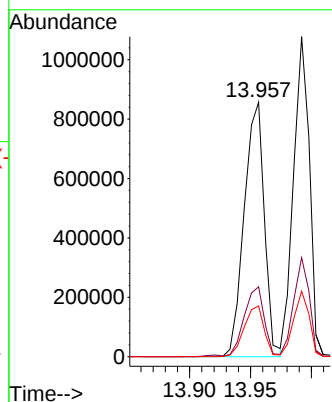
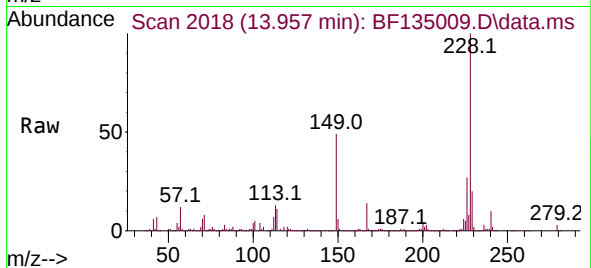




#81
Benzo(a)anthracene
Concen: 45.948 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

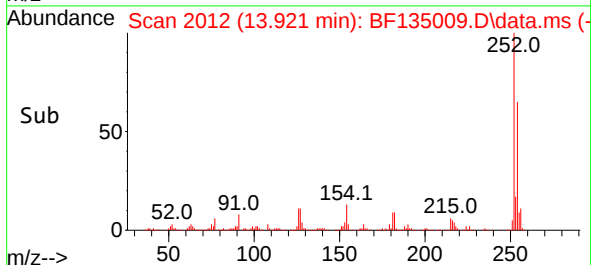
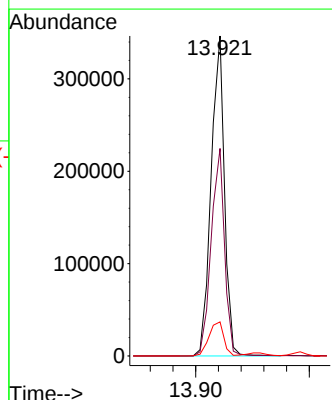
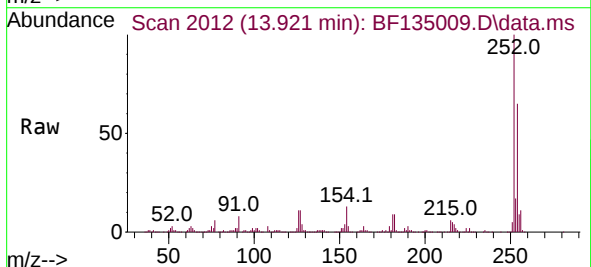
Instrument :
BNA_F
ClientSampleId :
PB155120BS

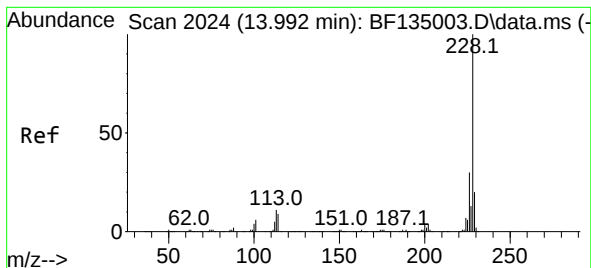
Tgt Ion:228 Resp: 985800
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.574 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:252 Resp: 282100
Ion Ratio Lower Upper
252 100
254 64.8 51.3 76.9
126 10.6 8.6 12.8





#83

Chrysene

Concen: 46.667 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

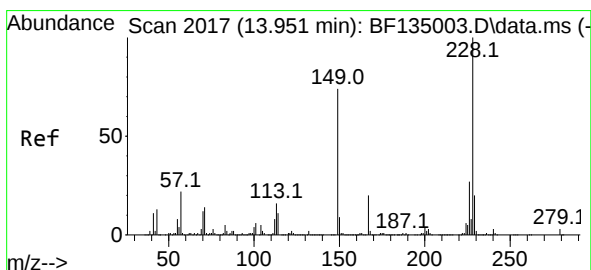
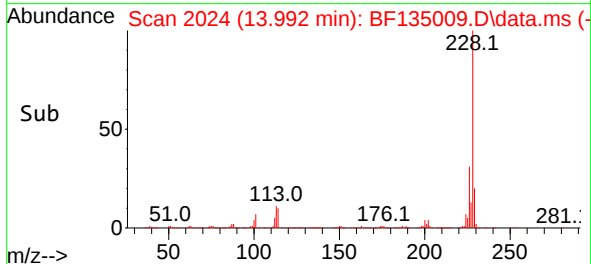
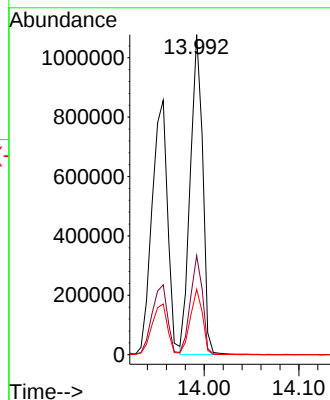
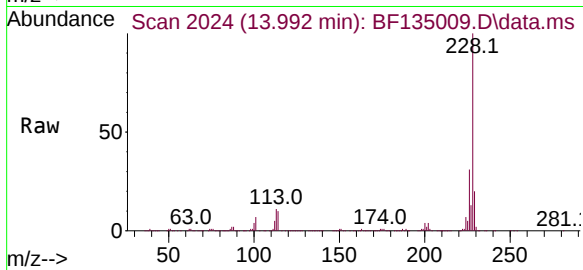
Tgt Ion:228 Resp: 983977

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.744 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

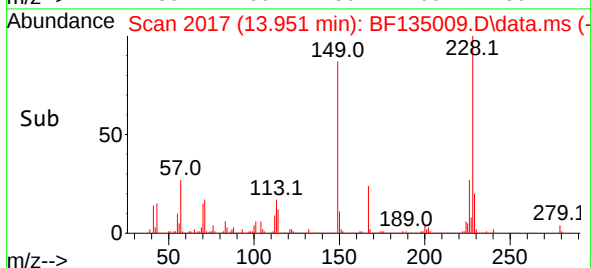
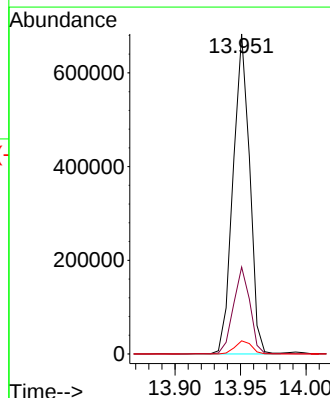
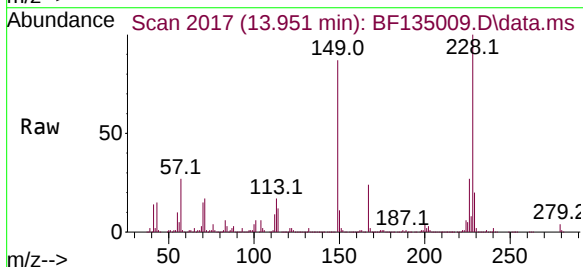
Tgt Ion:149 Resp: 600033

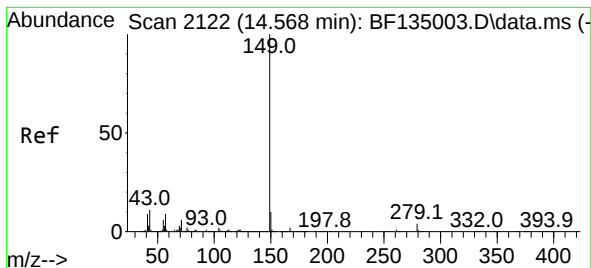
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 55.047 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

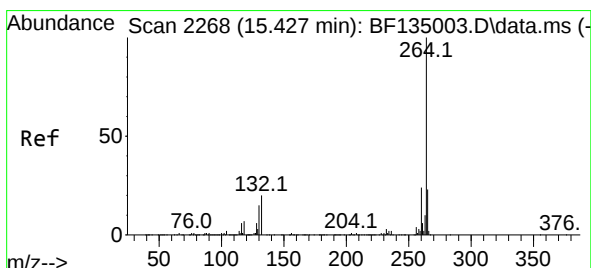
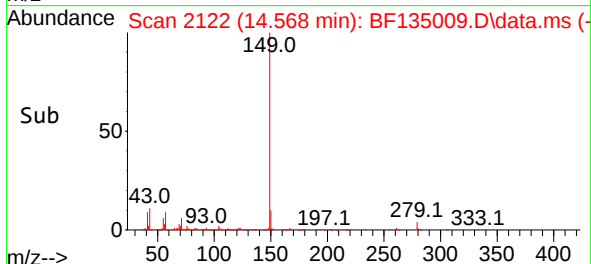
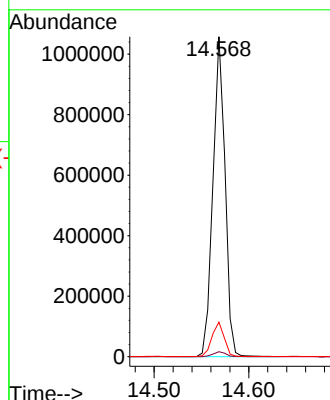
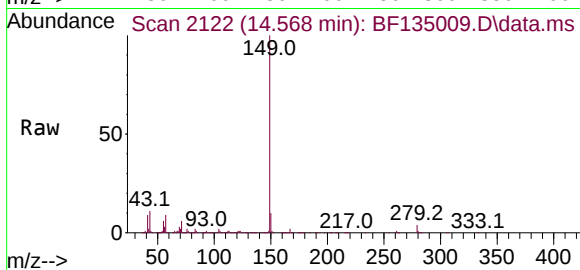
Tgt Ion:149 Resp: 938067

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: BF135009.D

Acq: 30 Aug 2023 17:20

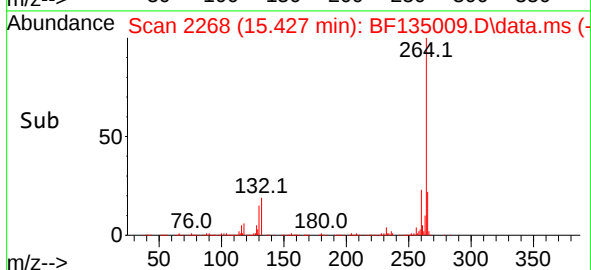
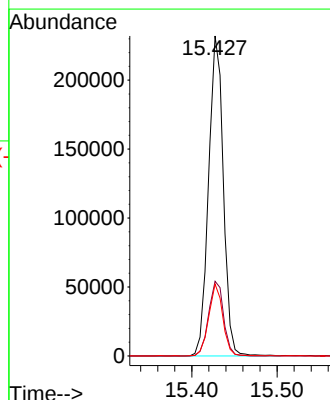
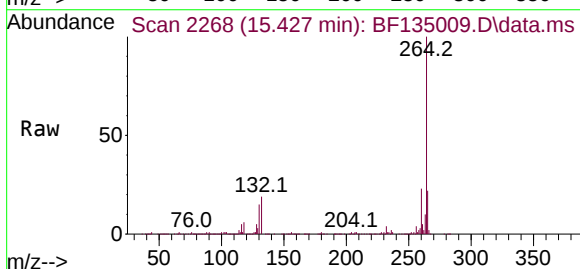
Tgt Ion:264 Resp: 278855

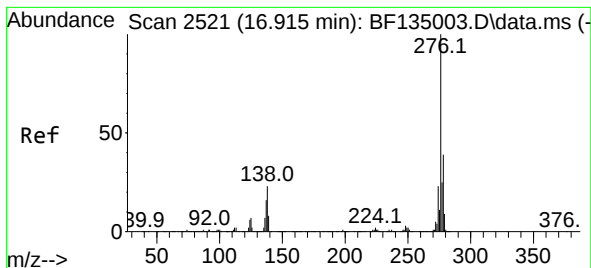
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.5 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.790 ng

RT: 16.921 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB155120BS

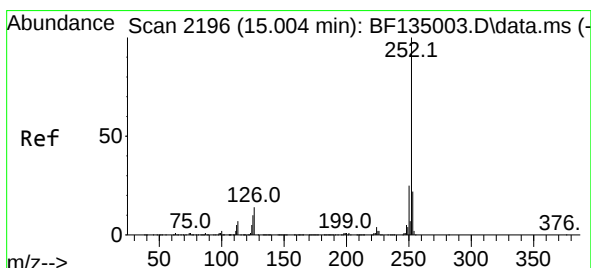
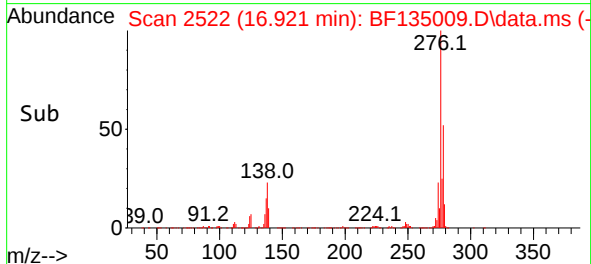
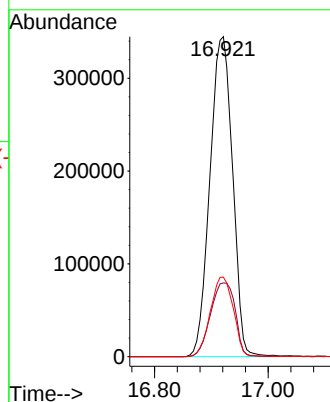
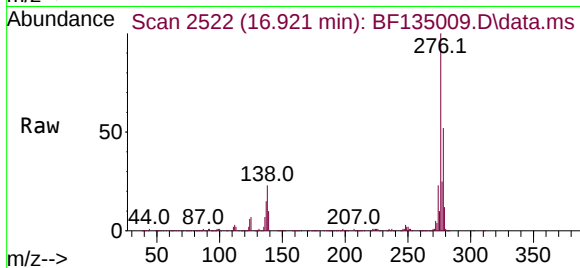
Tgt Ion:276 Resp: 953988

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.647 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF135009.D

Acq: 30 Aug 2023 17:20

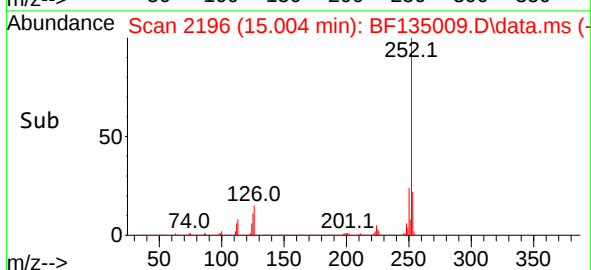
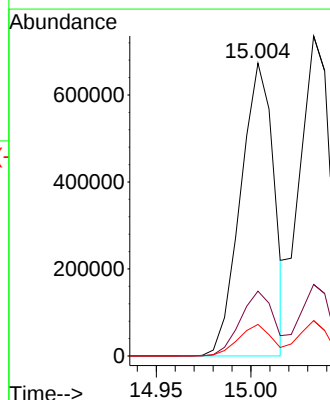
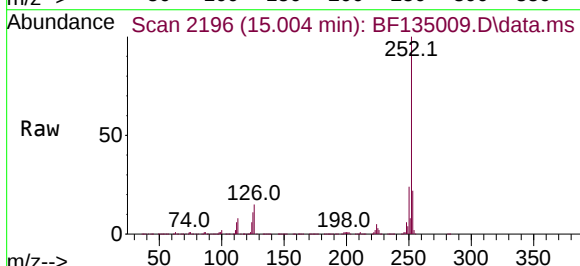
Tgt Ion:252 Resp: 826723

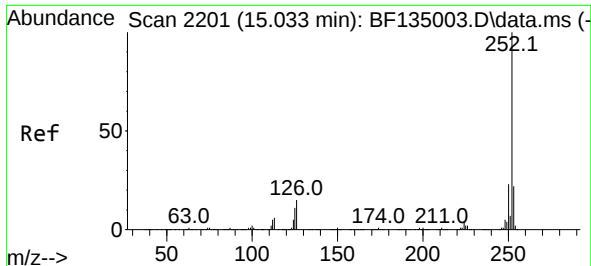
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

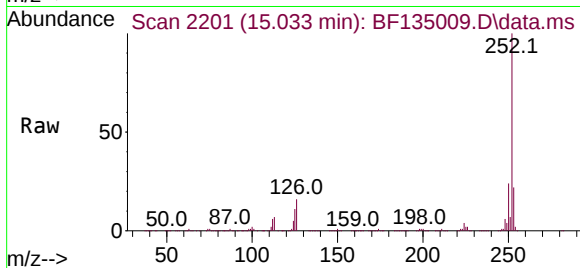
125 10.8 8.4 12.6



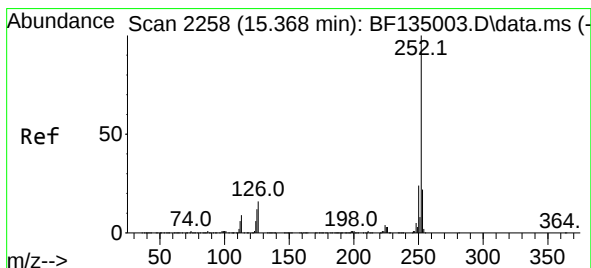
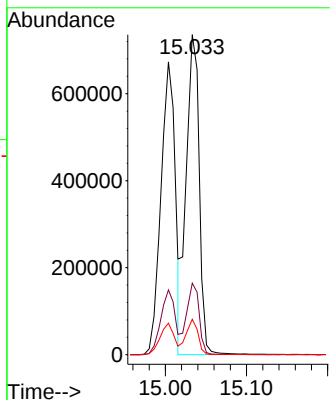
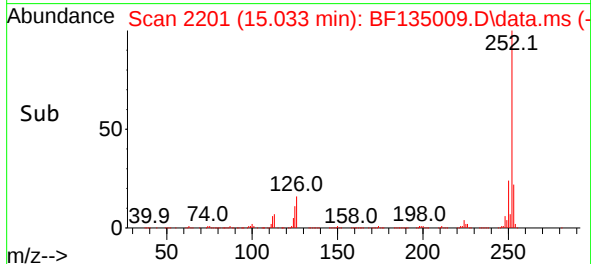


#89
Benzo(k)fluoranthene
Concen: 48.833 ng
RT: 15.033 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Instrument :
BNA_F
ClientSampleId :
PB155120BS

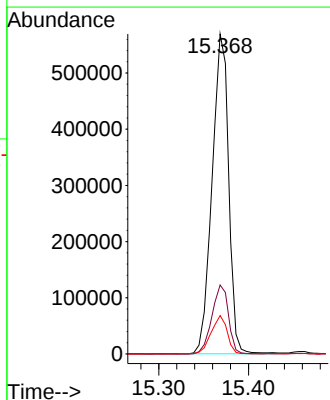
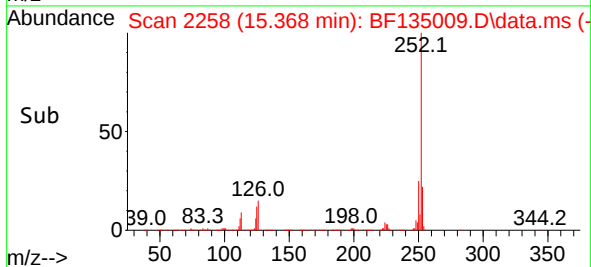
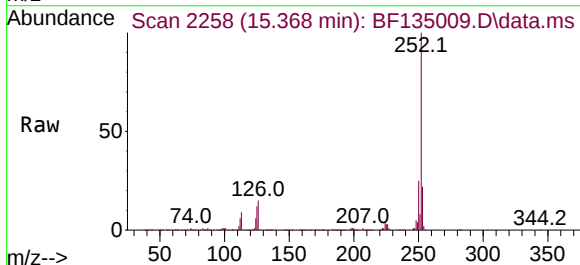


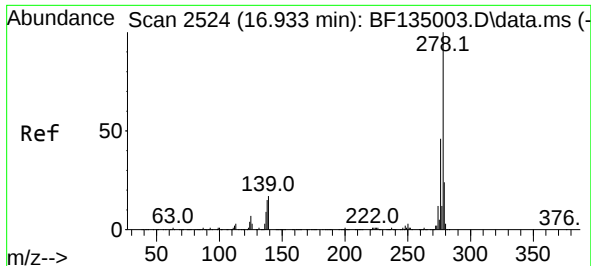
Tgt Ion:252 Resp: 818560
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 45.258 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:252 Resp: 729480
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 12.0 9.5 14.3

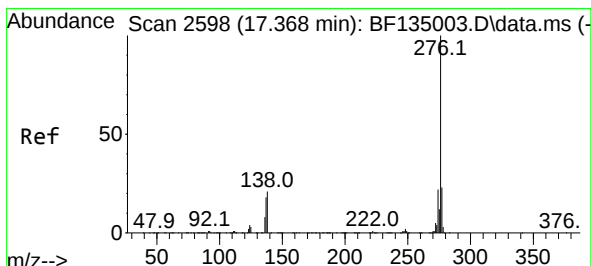
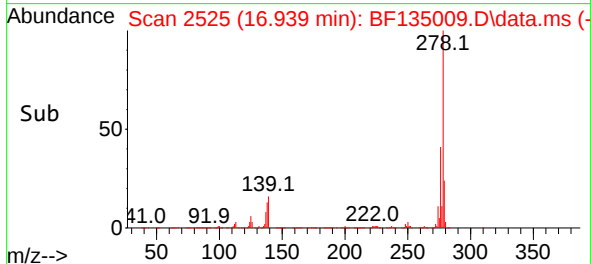
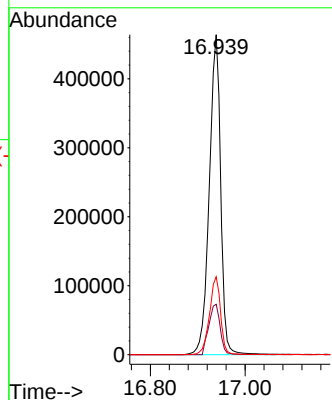
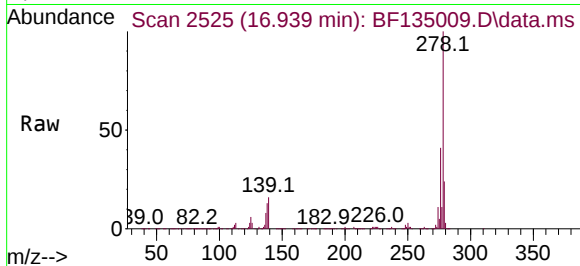




#91
Dibenzo(a,h)anthracene
Concen: 50.999 ng
RT: 16.939 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Instrument :
BNA_F
ClientSampleId :
PB155120BS

Tgt Ion:278 Resp: 775819
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 24.3 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 49.814 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BF135009.D
Acq: 30 Aug 2023 17:20

Tgt Ion:276 Resp: 788153
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 22.6 17.1 25.7

