

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135038.D
 Acq On : 31 Aug 2023 13:17
 Operator : CG\JU
 Sample : PB155191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

Quant Time: Aug 31 16:10:45 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	123372	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	508672	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	264832	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	494541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	300173	20.000	ng	0.00
86) Perylene-d12	15.433	264	241716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1001506	125.388	ng	0.02
7) Phenol-d6	6.422	99	1248801	125.438	ng	0.00
23) Nitrobenzene-d5	7.339	82	790309	87.286	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	347439	123.674	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1366811	84.027	ng	0.00
79) Terphenyl-d14	12.910	244	1533455	83.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	125495	37.092	ng	99
3) Pyridine	3.340	79	329750	36.152	ng	99
4) n-Nitrosodimethylamine	3.299	42	208327	46.704	ng	100
6) Aniline	6.439	93	487672	39.514	ng	# 81
8) 2-Chlorophenol	6.563	128	405500	49.973	ng	98
9) Benzaldehyde	6.328	77	246520	48.597	ng	97
10) Phenol	6.434	94	481766	46.095	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	376335	47.817	ng	99
12) 1,3-Dichlorobenzene	6.716	146	406128	48.579	ng	98
13) 1,4-Dichlorobenzene	6.792	146	413095	49.370	ng	98
14) 1,2-Dichlorobenzene	6.939	146	394422	50.514	ng	99
15) Benzyl Alcohol	6.922	79	341381	50.051	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	610852	46.348	ng	99
17) 2-Methylphenol	7.034	107	320985	45.395	ng	97
18) Hexachloroethane	7.281	117	152636	49.245	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	262365	44.367	ng	94
20) 3+4-Methylphenols	7.186	107	375306	44.990	ng	97
22) Acetophenone	7.186	105	515740	45.583	ng	# 99
24) Nitrobenzene	7.363	77	411190	44.273	ng	97
25) Isophorone	7.598	82	758717	44.197	ng	100
26) 2-Nitrophenol	7.675	139	219697	47.877	ng	99
27) 2,4-Dimethylphenol	7.716	122	351781	47.617	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	448851	43.344	ng	98
29) 2,4-Dichlorophenol	7.916	162	324048	46.151	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	354015	46.656	ng	100
31) Naphthalene	8.075	128	1129743	45.465	ng	99
32) Benzoic acid	7.851	122	272234	46.065	ng	97
33) 4-Chloroaniline	8.128	127	394766	36.322	ng	97
34) Hexachlorobutadiene	8.192	225	197017	45.753	ng	97
35) Caprolactam	8.504	113	53326	23.196	ng	93
36) 4-Chloro-3-methylphenol	8.622	107	358952	47.068	ng	98
37) 2-Methylnaphthalene	8.769	142	718784	43.354	ng	100
38) 1-Methylnaphthalene	8.869	142	671473	43.284	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	325120	43.854	ng	99
41) Hexachlorocyclopentadiene	8.922	237	342851	108.655	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	230494	46.294	ng	98

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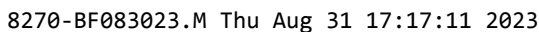
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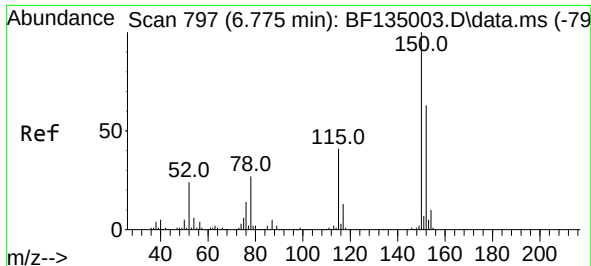
Quant Time: Aug 31 16:10:45 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	247038	42.857	ng	94
46) 1,1'-Biphenyl	9.239	154	889511	43.962	ng	99
47) 2-Chloronaphthalene	9.263	162	689694	45.328	ng	100
48) 2-Nitroaniline	9.363	65	240282	46.132	ng	94
49) Acenaphthylene	9.675	152	1031015	44.825	ng	99
50) Dimethylphthalate	9.545	163	823332	44.399	ng	99
51) 2,6-Dinitrotoluene	9.610	165	187583	46.101	ng	87
52) Acenaphthene	9.851	154	653399	44.577	ng	99
53) 3-Nitroaniline	9.775	138	183243	38.660	ng	99
54) 2,4-Dinitrophenol	9.892	184	216373	111.264	ng	91
55) Dibenzofuran	10.022	168	921956	43.603	ng	100
56) 4-Nitrophenol	9.951	139	334962	100.534	ng	95
57) 2,4-Dinitrotoluene	10.016	165	235115	46.366	ng	95
58) Fluorene	10.369	166	720480	44.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	209939	47.298	ng	98
60) Diethylphthalate	10.245	149	770372	44.132	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	349615	43.847	ng	94
62) 4-Nitroaniline	10.398	138	206180	44.456	ng	99
63) Azobenzene	10.522	77	771669	43.903	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	148009	49.451	ng	92
66) n-Nitrosodiphenylamine	10.486	169	671881	43.694	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	225798	43.047	ng	96
68) Hexachlorobenzene	10.916	284	249072	45.922	ng	96
69) Atrazine	11.016	200	231886	Below Cal		98
70) Pentachlorophenol	11.116	266	270783	82.522	ng	98
71) Phenanthrene	11.333	178	1132500	44.388	ng	100
72) Anthracene	11.386	178	1148146	44.045	ng	99
73) Carbazole	11.545	167	1030879	45.850	ng	99
74) Di-n-butylphthalate	11.880	149	1182272	43.621	ng	100
75) Fluoranthene	12.527	202	1176967	45.627	ng	99
77) Benzidine	12.657	184	607020	112.181	ng	98
78) Pyrene	12.763	202	1197257	42.009	ng	99
80) Butylbenzylphthalate	13.386	149	477449	46.373	ng	99
81) Benzo(a)anthracene	13.957	228	889943	43.463	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	305009	49.365	ng	98
83) Chrysene	13.992	228	872633	43.365	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	538269	50.517	ng	100
85) Di-n-octyl phthalate	14.568	149	832548	51.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	739656	45.430	ng	98
88) Benzo(b)fluoranthene	15.010	252	737021	49.004	ng	98
89) Benzo(k)fluoranthene	15.039	252	697591	48.011	ng	99
90) Benzo(a)pyrene	15.374	252	614023	43.948	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	609642	46.232	ng	98
92) Benzo(g,h,i)perylene	17.374	276	620242	45.225	ng	99

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

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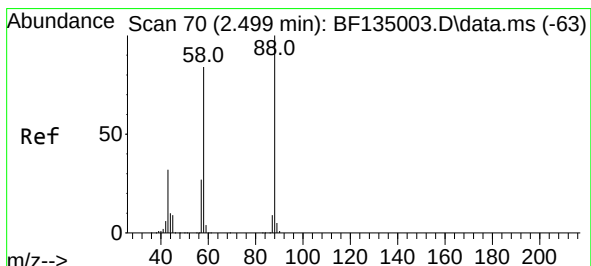
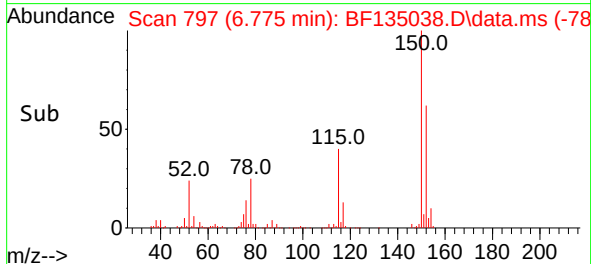
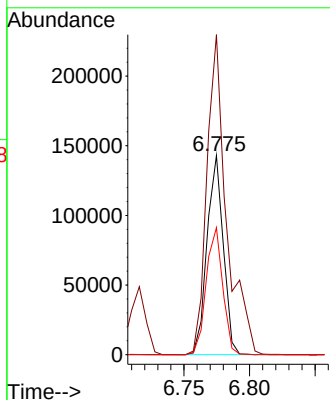
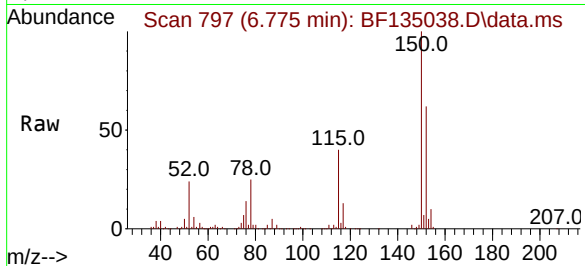




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

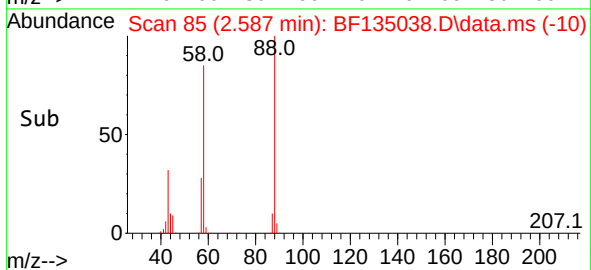
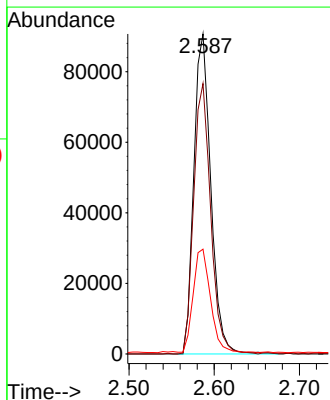
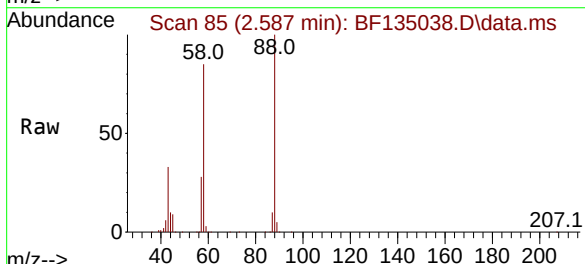
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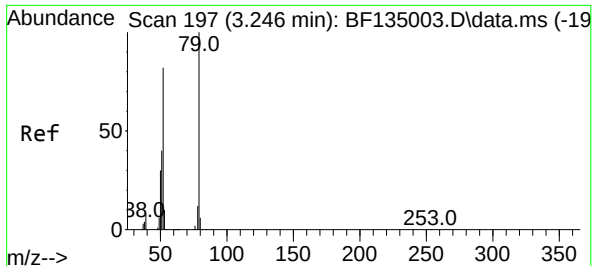
Tgt Ion:152 Resp: 123372
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.2 189.4
 115 63.8 51.2 76.8



#2
 1,4-Dioxane
 Concen: 37.092 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.088 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Tgt Ion: 88 Resp: 125495
 Ion Ratio Lower Upper
 88 100
 58 84.8 67.1 100.7
 43 33.0 25.9 38.9

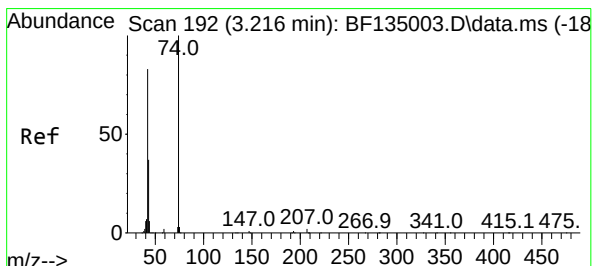
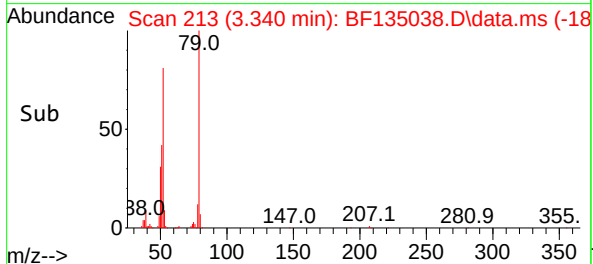
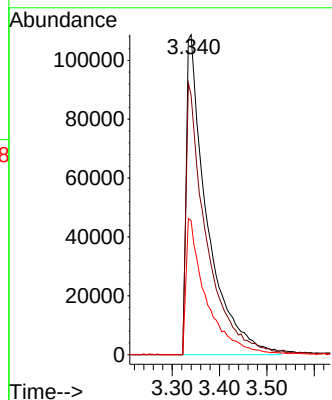
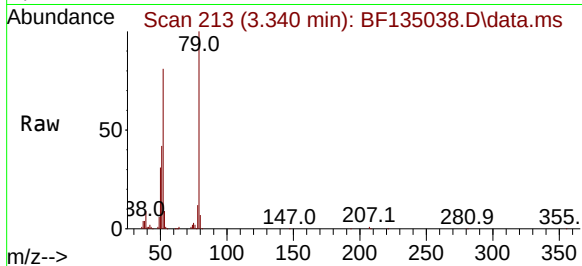




#3
 Pyridine
 Concen: 36.152 ng
 RT: 3.340 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

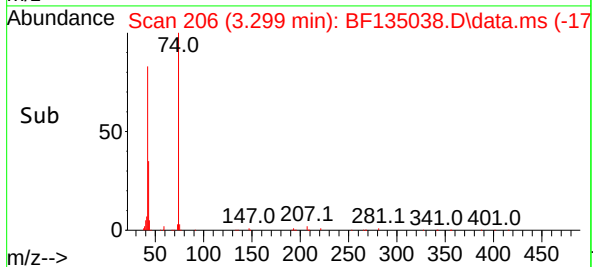
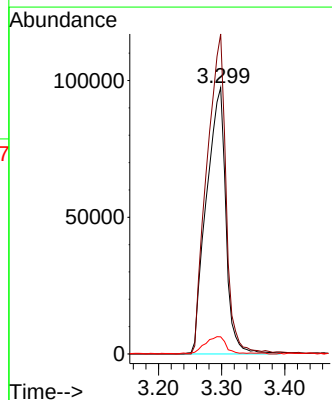
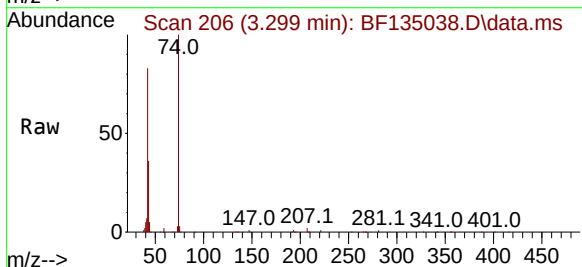
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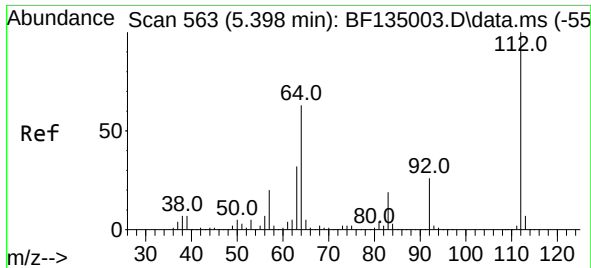
Tgt Ion: 79 Resp: 329750
 Ion Ratio Lower Upper
 79 100
 52 81.1 65.4 98.2
 51 41.9 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 46.704 ng
 RT: 3.299 min Scan# 206
 Delta R.T. 0.082 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Tgt Ion: 42 Resp: 208327
 Ion Ratio Lower Upper
 42 100
 74 120.2 96.2 144.2
 44 6.4 5.8 8.6

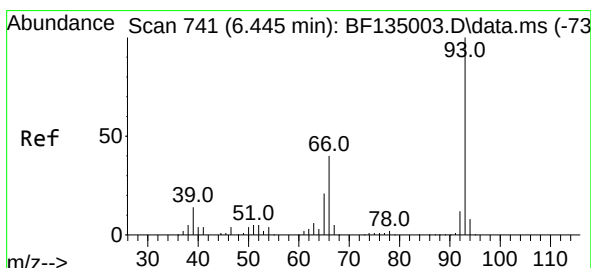
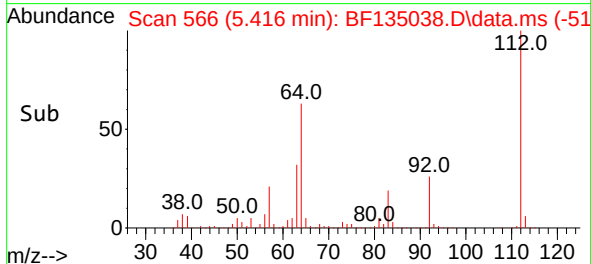
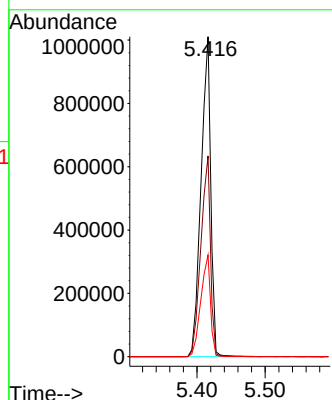
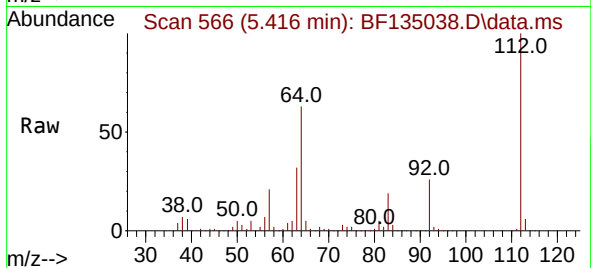




#5
2-Fluorophenol
Concen: 125.388 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

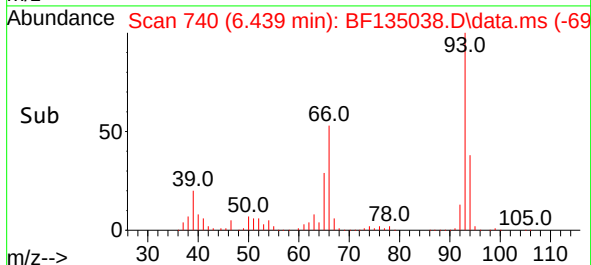
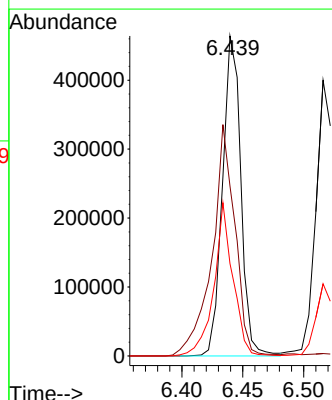
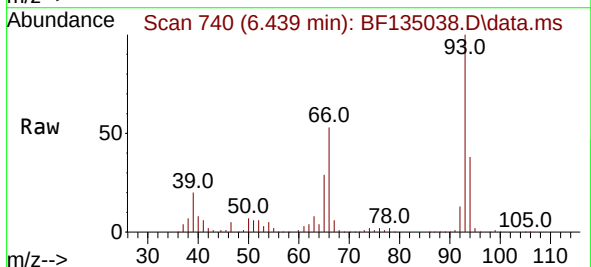
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ClientSampleId :
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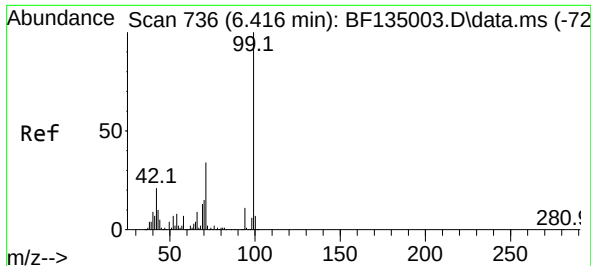
Tgt Ion:112 Resp: 1001506
Ion Ratio Lower Upper
112 100
64 62.7 50.5 75.7
63 31.7 25.9 38.9



#6
Aniline
Concen: 39.514 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion: 93 Resp: 487672
Ion Ratio Lower Upper
93 100
66 53.2 32.4 48.6#
65 28.9 16.6 24.8#

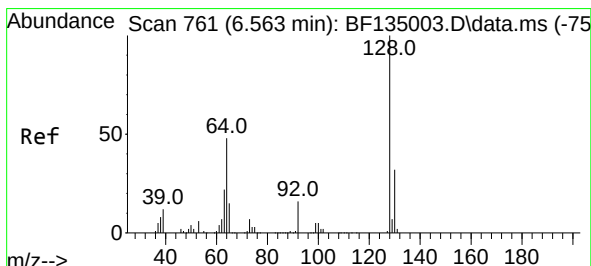
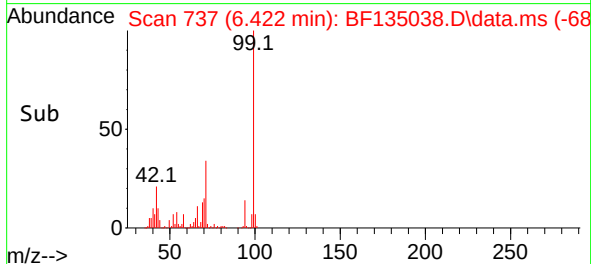
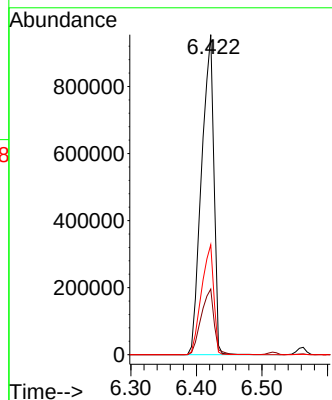
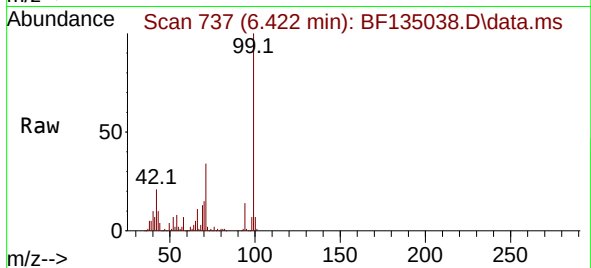




#7
Phenol-d6
Concen: 125.438 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

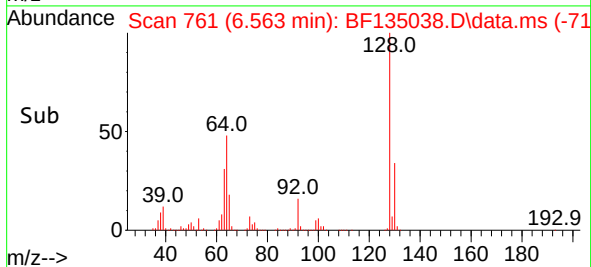
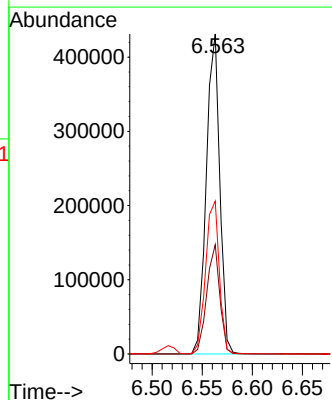
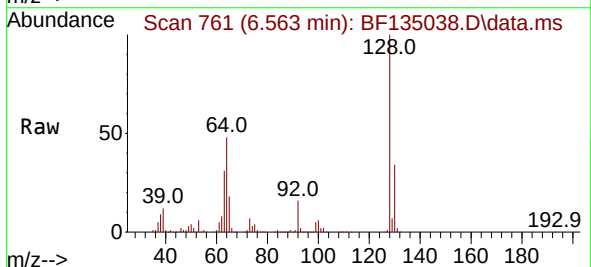
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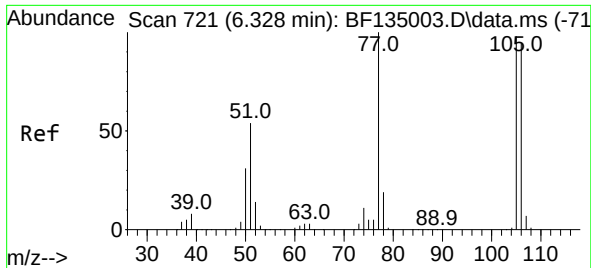
Tgt Ion: 99 Resp: 1248801
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.4 27.0 40.6



#8
2-Chlorophenol
Concen: 49.973 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion: 128 Resp: 405500
Ion Ratio Lower Upper
128 100
130 34.2 12.2 52.2
64 47.8 29.0 69.0

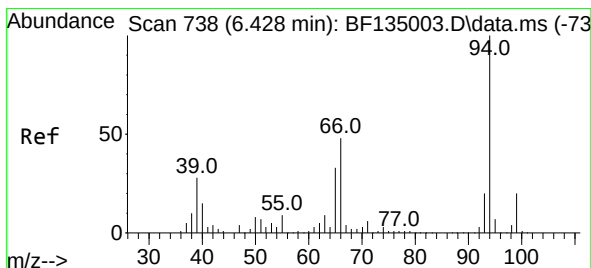
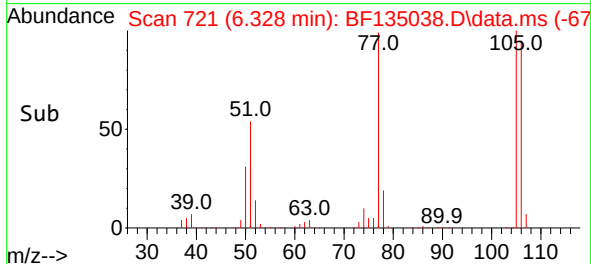
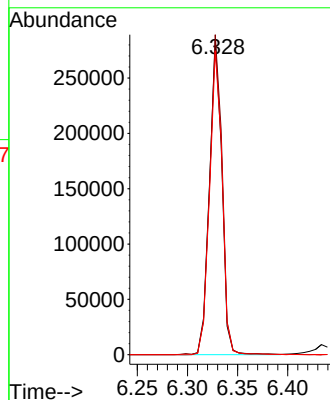
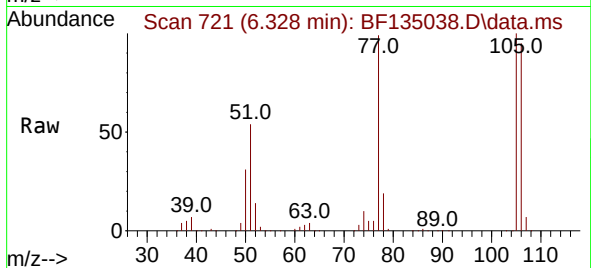




#9
Benzaldehyde
Concen: 48.597 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

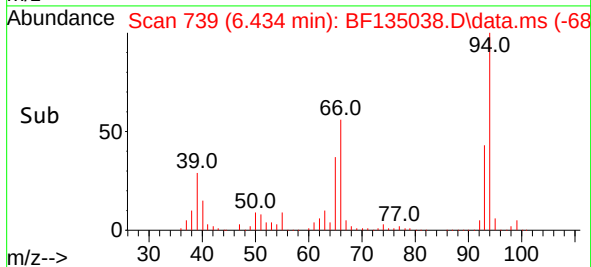
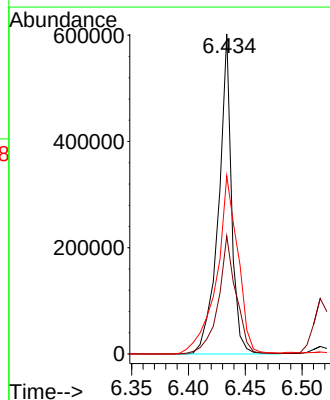
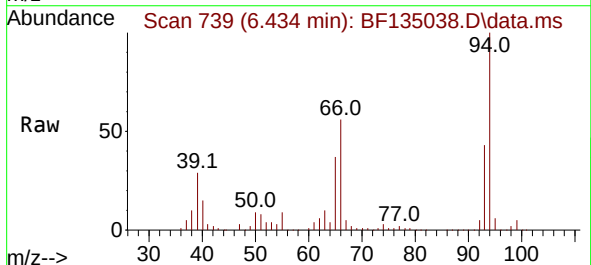
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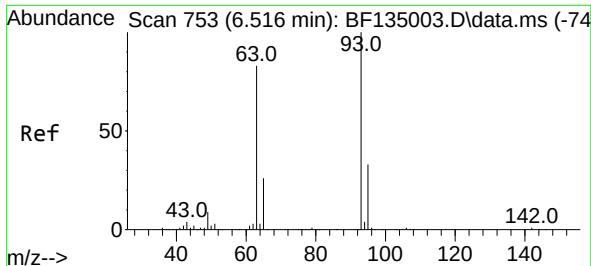
Tgt Ion: 77 Resp: 246520
Ion Ratio Lower Upper
77 100
105 101.5 78.4 118.4
106 96.4 74.3 114.3



#10
Phenol
Concen: 46.095 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135038.D
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Tgt Ion: 94 Resp: 481766
Ion Ratio Lower Upper
94 100
65 36.9 13.2 53.2
66 55.7 27.5 67.5

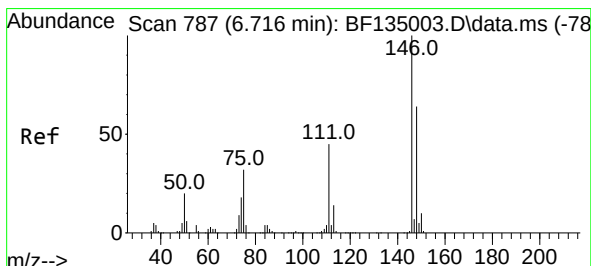
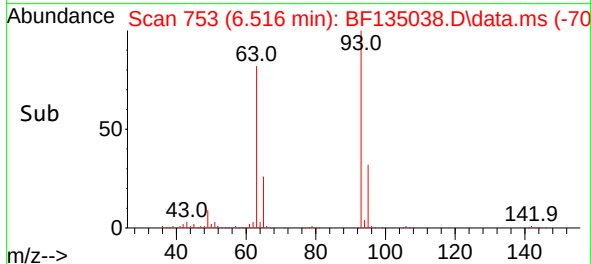
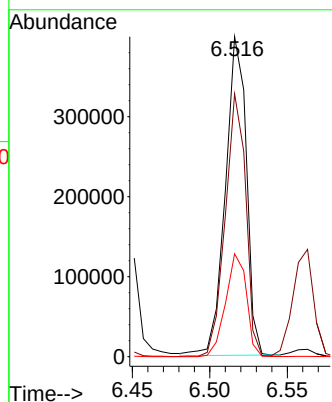
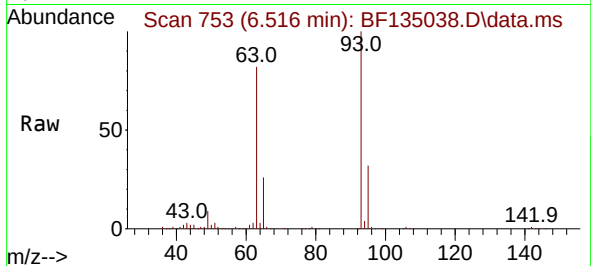




#11
bis(2-Chloroethyl)ether
Concen: 47.817 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

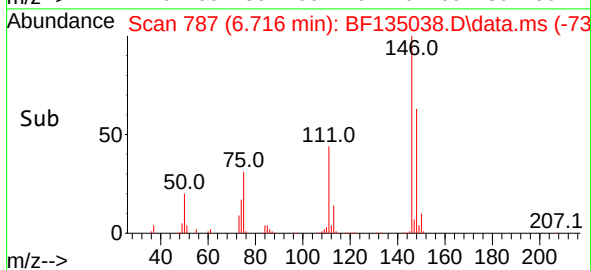
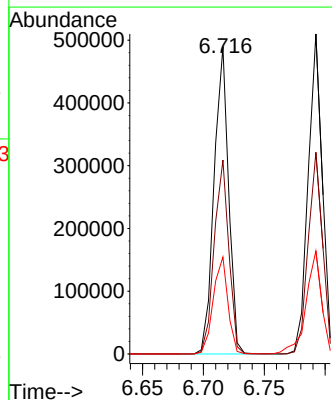
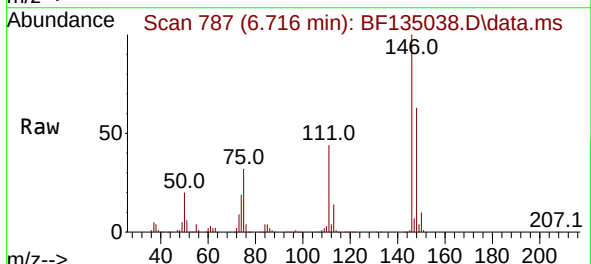
Instrument :
BNA_F
ClientSampleId :
PB155191BS

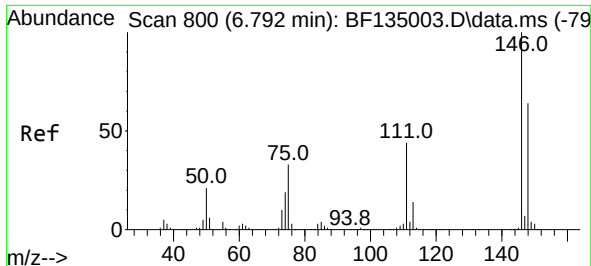
Tgt Ion: 93 Resp: 376335
Ion Ratio Lower Upper
93 100
63 82.1 62.8 102.8
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.579 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:146 Resp: 406128
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
75 31.6 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.370 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

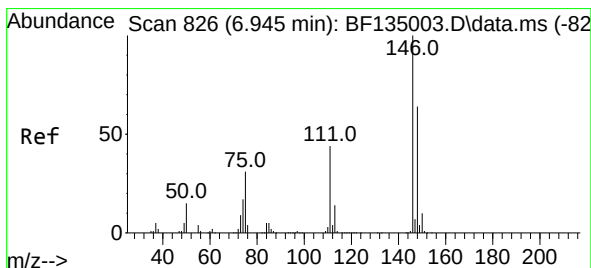
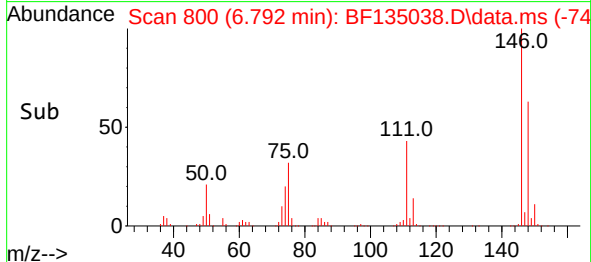
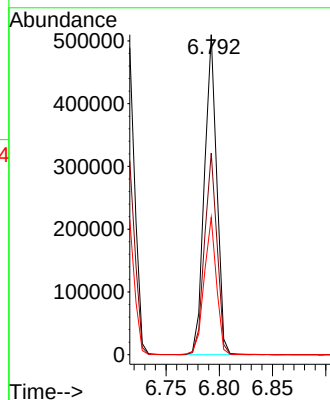
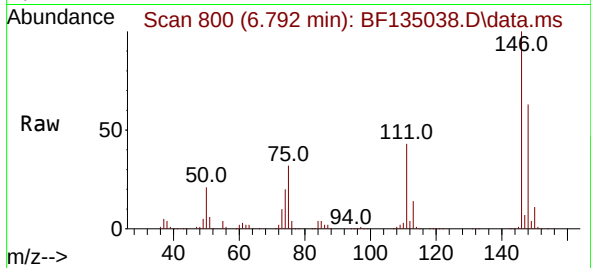
Tgt Ion:146 Resp: 413095

Ion Ratio Lower Upper

146 100

148 63.0 51.5 77.3

111 42.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 50.514 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

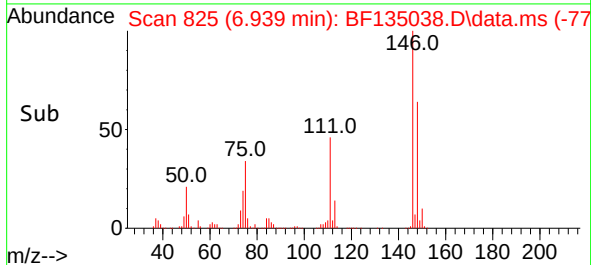
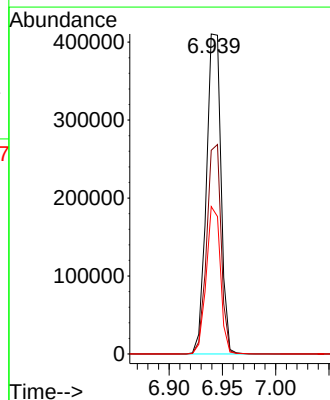
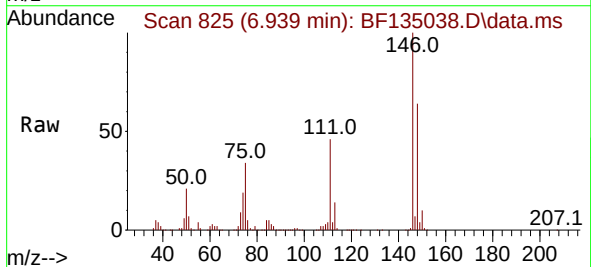
Tgt Ion:146 Resp: 394422

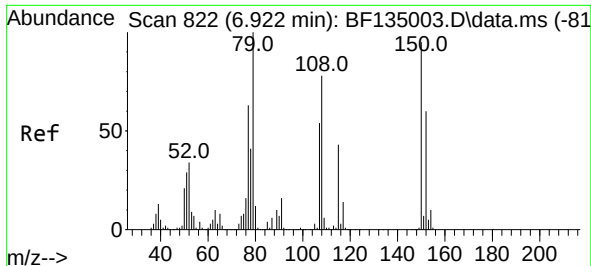
Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

111 46.1 35.3 52.9

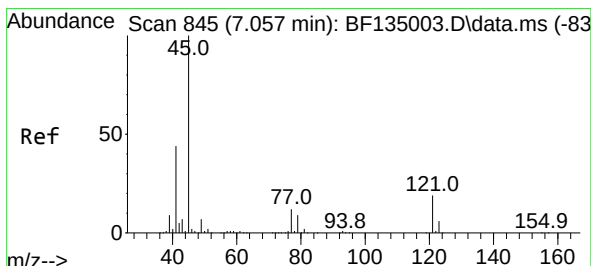
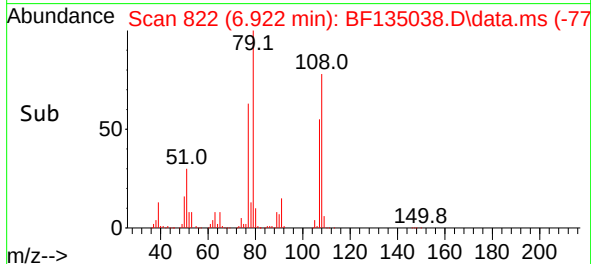
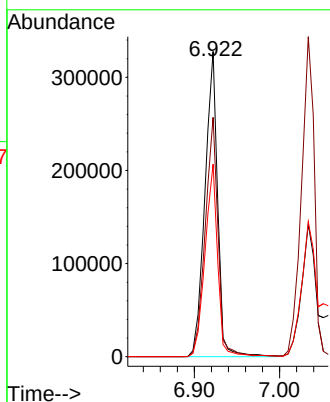
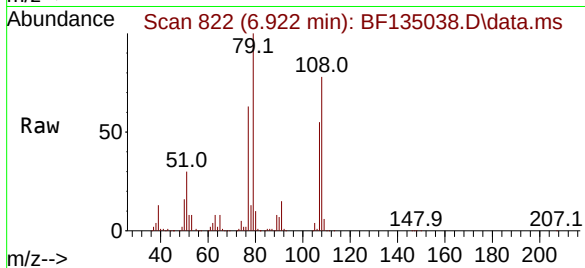




#15
Benzyl Alcohol
Concen: 50.051 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

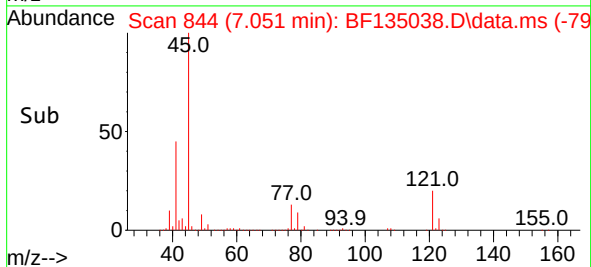
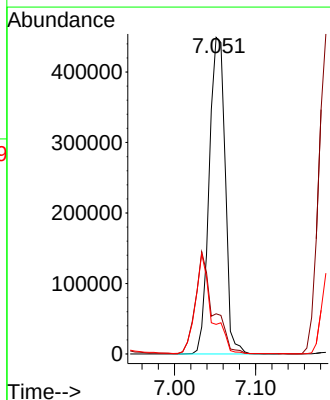
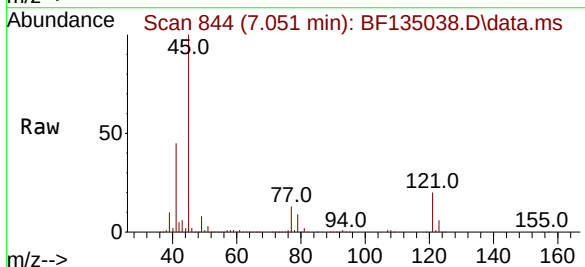
Instrument :
BNA_F
ClientSampleId :
PB155191BS

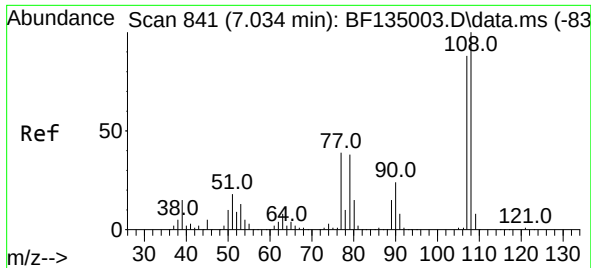
Tgt Ion: 79 Resp: 341381
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 63.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.348 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion: 45 Resp: 610852
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.3
79 9.3 0.0 29.5

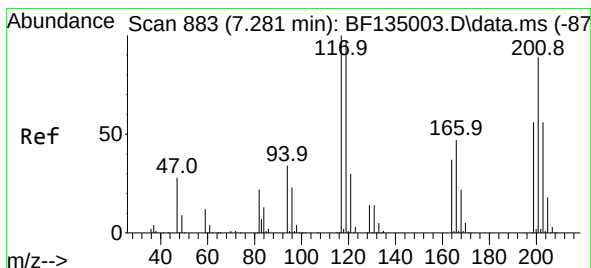
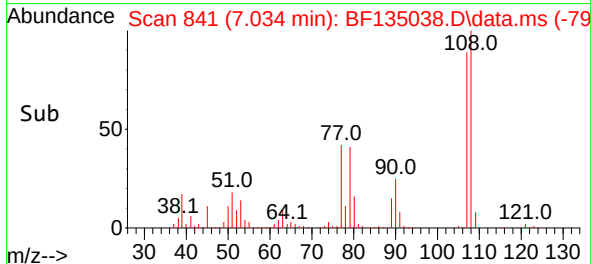
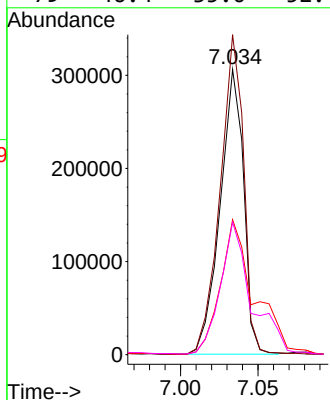
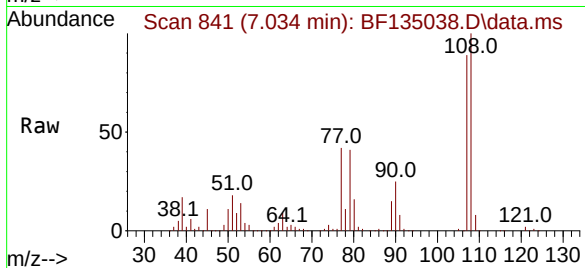




#17
2-Methylphenol
Concen: 45.395 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

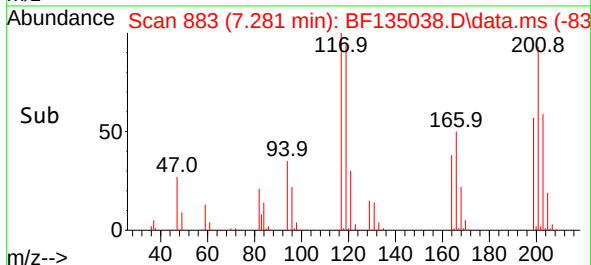
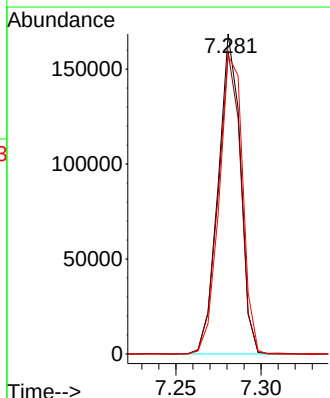
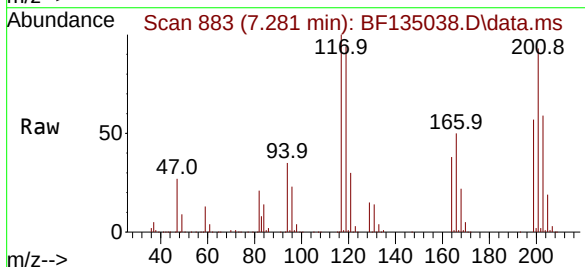
Instrument :
BNA_F
ClientSampleId :
PB155191BS

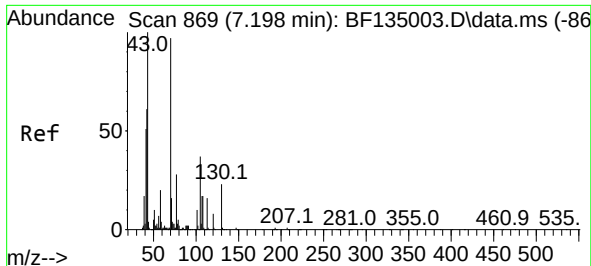
Tgt Ion:	107	Resp:	320985
Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.2	136.8
77	47.3	36.0	54.0
79	46.4	35.0	52.4



#18
Hexachloroethane
Concen: 49.245 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:	117	Resp:	152636
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.2
201	93.3	71.4	107.2

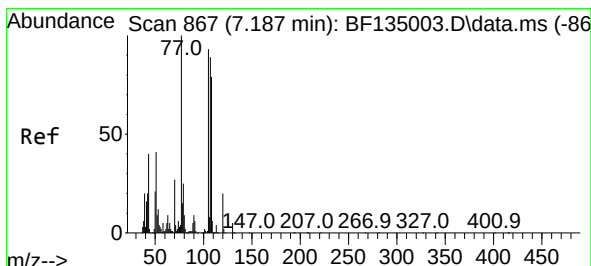
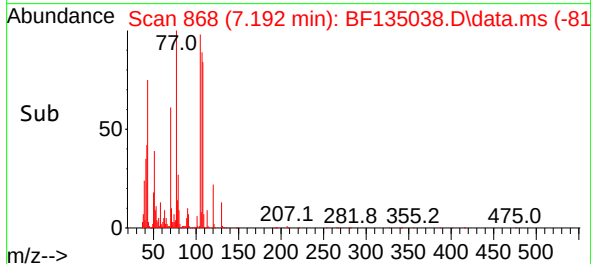
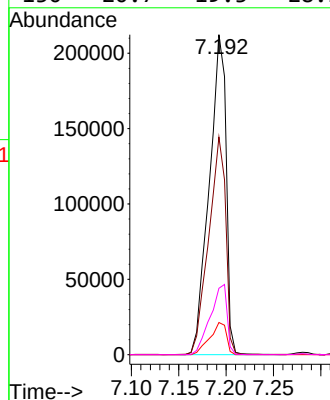
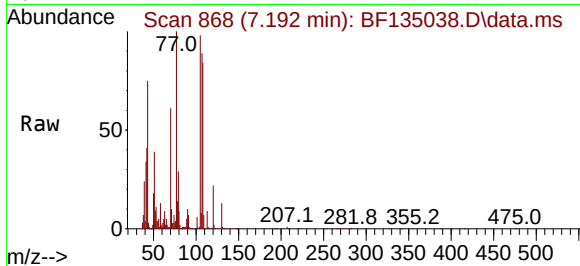




#19
n-Nitroso-di-n-propylamine
Concen: 44.367 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

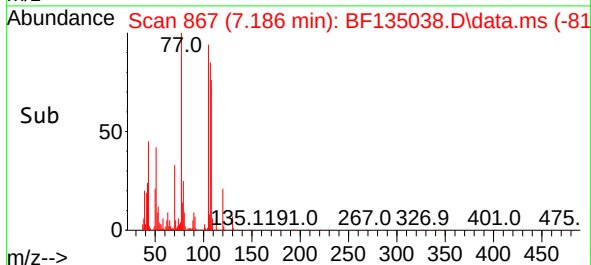
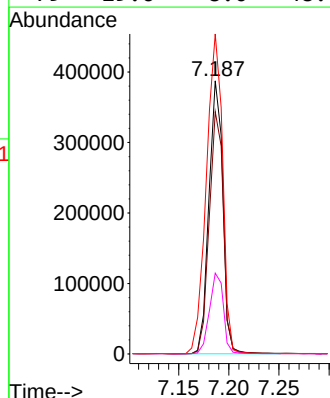
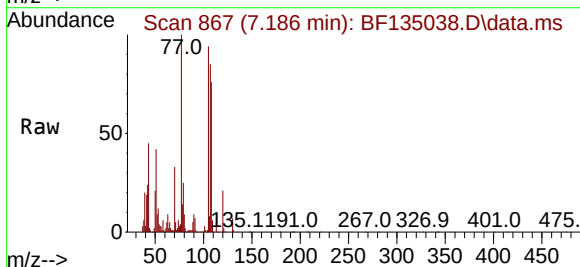
Instrument :
BNA_F
ClientSampleId :
PB155191BS

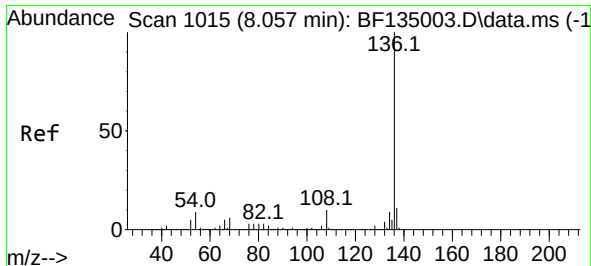
Tgt Ion: 70 Resp: 262365
Ion Ratio Lower Upper
70 100
42 68.0 50.2 75.4
101 10.0 8.1 12.1
130 20.7 19.3 28.9



#20
3+4-Methylphenols
Concen: 44.990 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:107 Resp: 375306
Ion Ratio Lower Upper
107 100
108 88.7 68.6 108.6
77 117.1 92.3 132.3
79 29.6 8.0 48.0

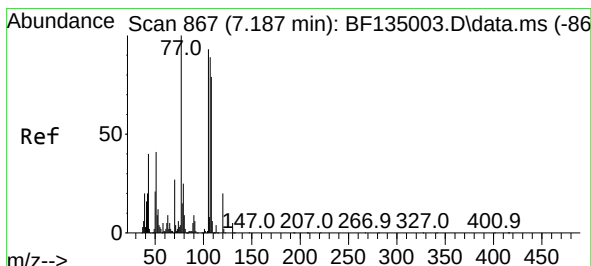
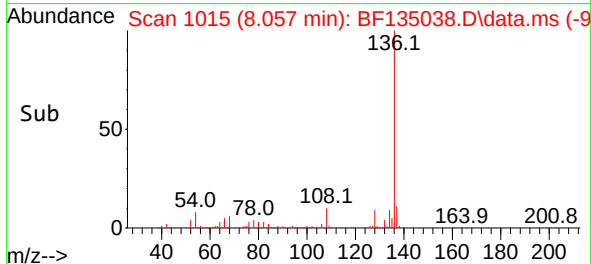
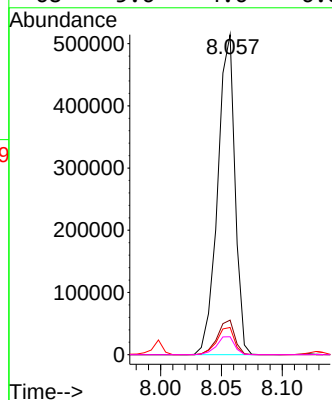
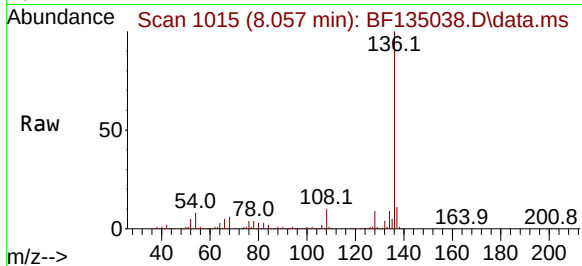




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

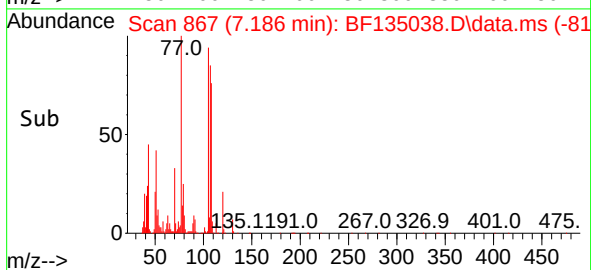
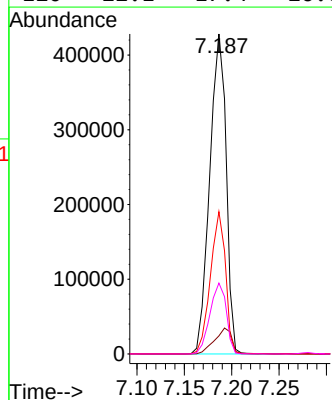
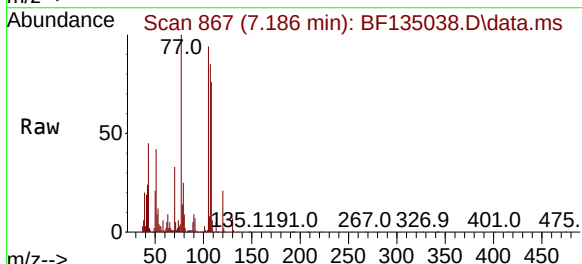
Instrument :
BNA_F
ClientSampleId :
PB155191BS

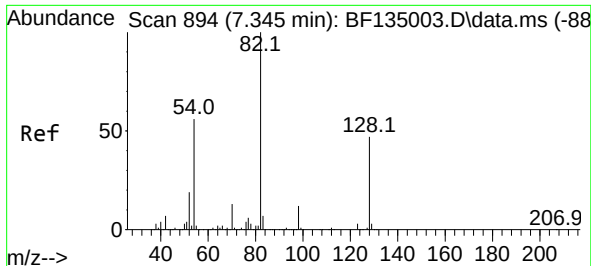
Tgt Ion:	136	Resp:	508672
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	8.5	7.0	10.4
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 45.583 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:	105	Resp:	515740
Ion Ratio	Lower	Upper	
105	100		
71	5.6	3.8	5.6#
51	44.5	35.0	52.6
120	22.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 87.286 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

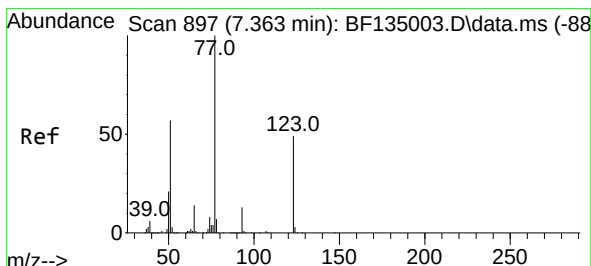
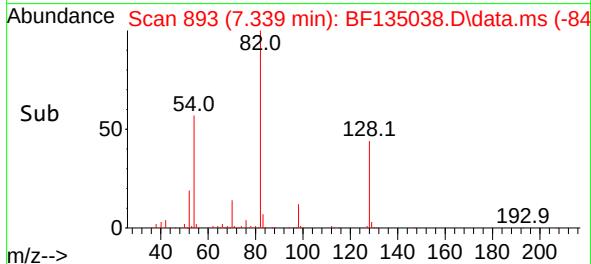
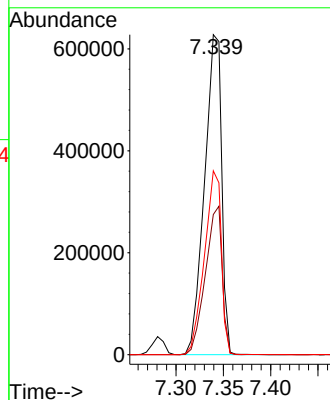
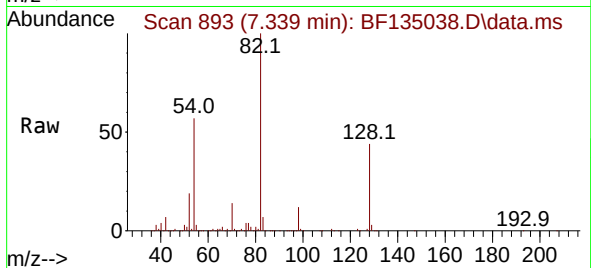
Tgt Ion: 82 Resp: 790309

Ion Ratio Lower Upper

82 100

128 43.8 37.8 56.8

54 57.5 45.0 67.6



#24

Nitrobenzene

Concen: 44.273 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

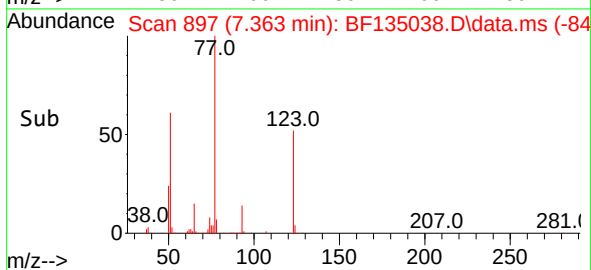
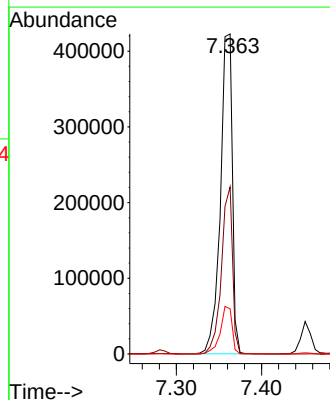
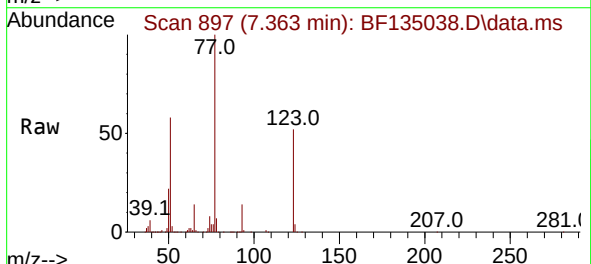
Tgt Ion: 77 Resp: 411190

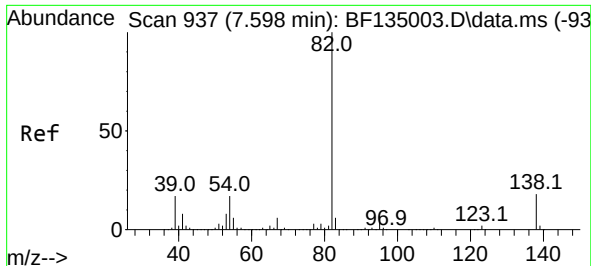
Ion Ratio Lower Upper

77 100

123 52.2 39.4 59.2

65 14.1 11.4 17.2

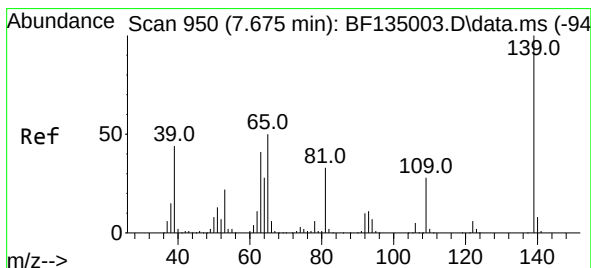
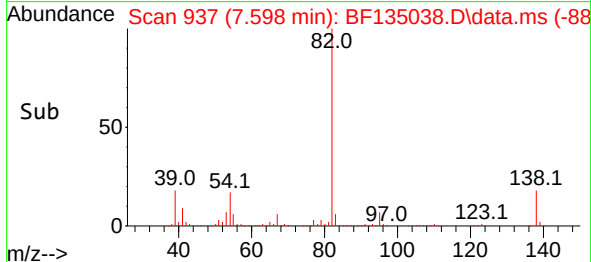
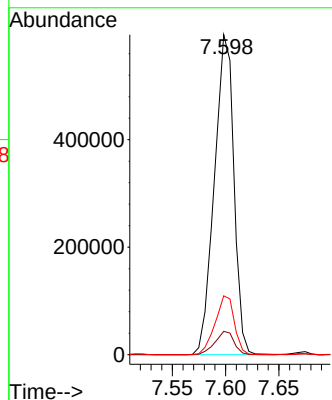
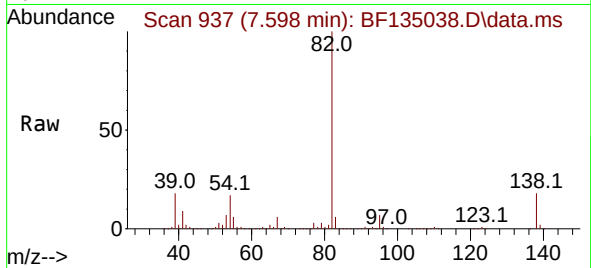




#25
Isophorone
Concen: 44.197 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

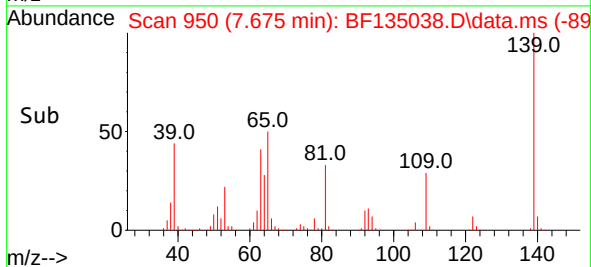
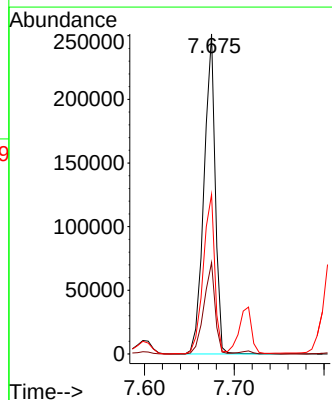
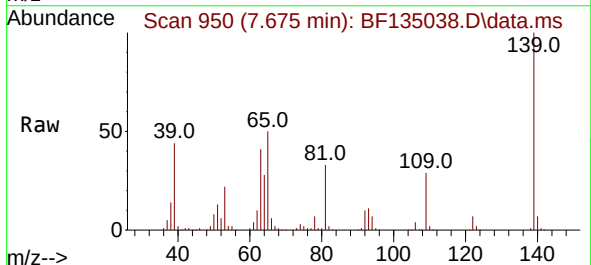
Instrument :
BNA_F
ClientSampleId :
PB155191BS

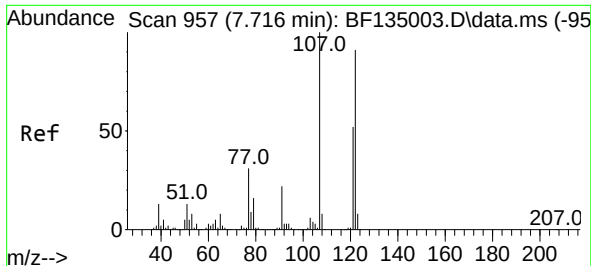
Tgt Ion: 82 Resp: 758717
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.4 14.7 22.1



#26
2-Nitrophenol
Concen: 47.877 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:139 Resp: 219697
Ion Ratio Lower Upper
139 100
109 28.6 22.6 34.0
65 49.8 40.3 60.5

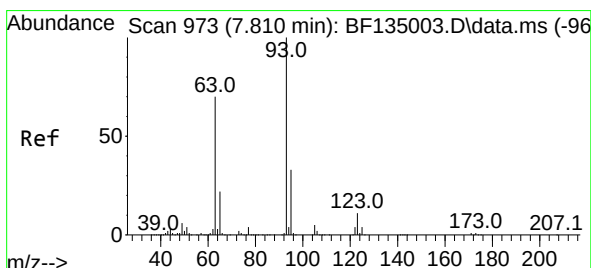
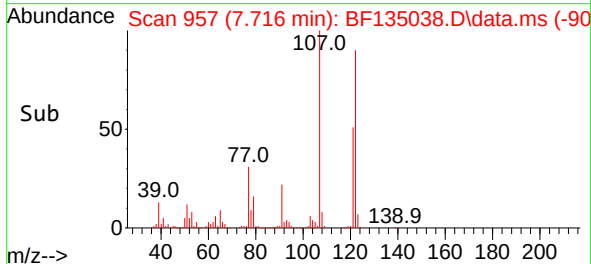
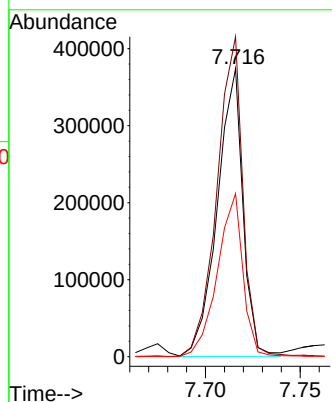
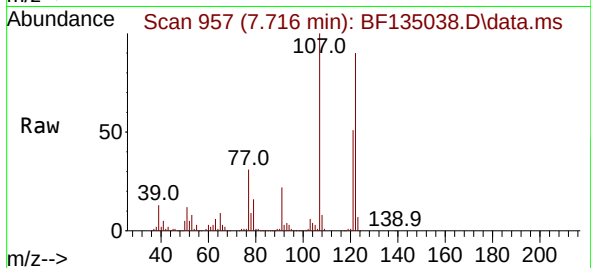




#27
2,4-Dimethylphenol
Concen: 47.617 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

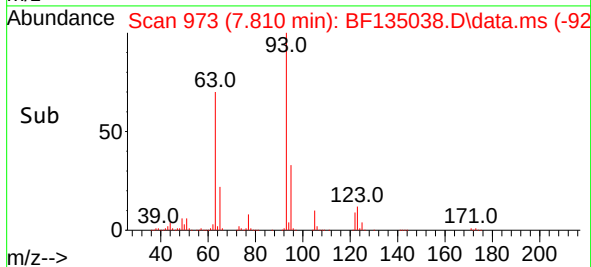
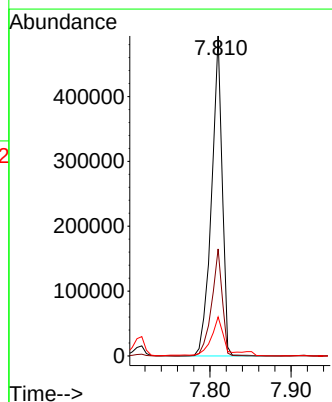
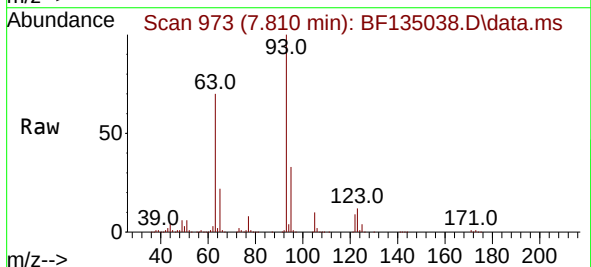
Instrument :
BNA_F
ClientSampleId :
PB155191BS

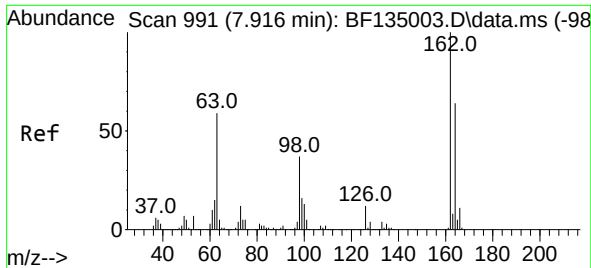
Tgt Ion:122 Resp: 351781
Ion Ratio Lower Upper
122 100
107 111.1 87.8 131.8
121 56.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.344 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion: 93 Resp: 448851
Ion Ratio Lower Upper
93 100
95 33.5 26.0 39.0
123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.151 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

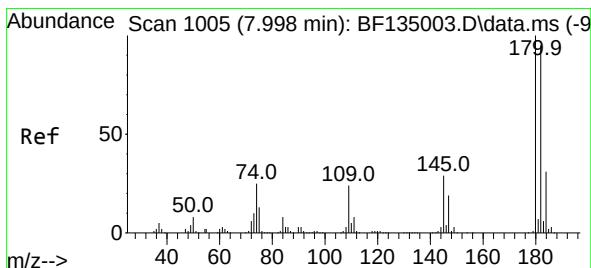
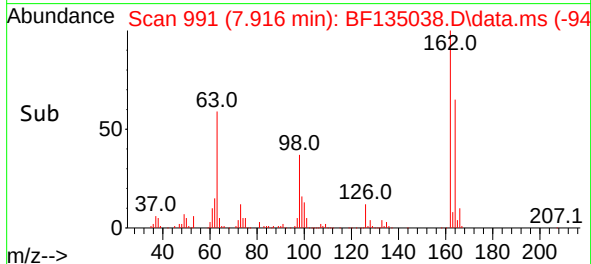
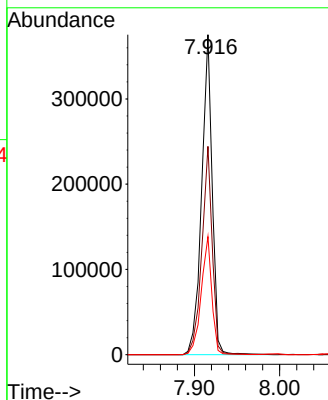
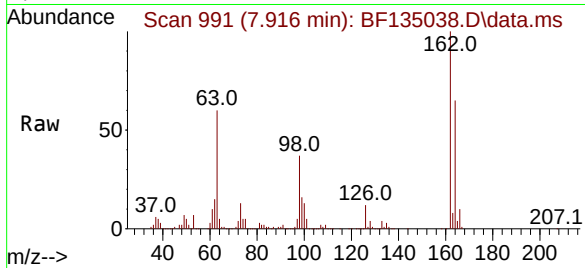
Tgt Ion:162 Resp: 324048

Ion Ratio Lower Upper

162 100

164 65.1 44.2 84.2

98 36.9 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 46.656 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

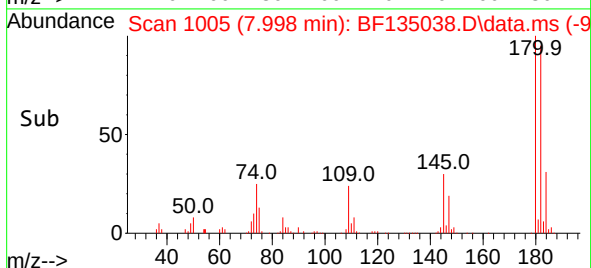
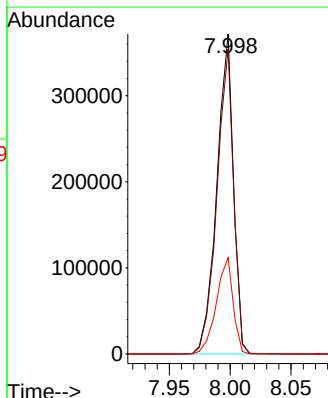
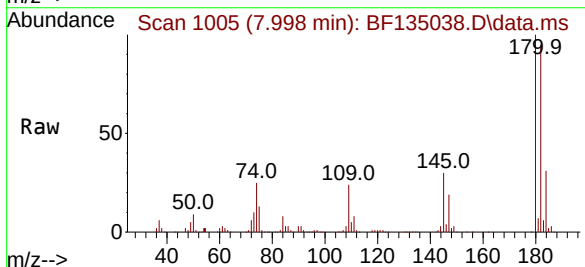
Tgt Ion:180 Resp: 354015

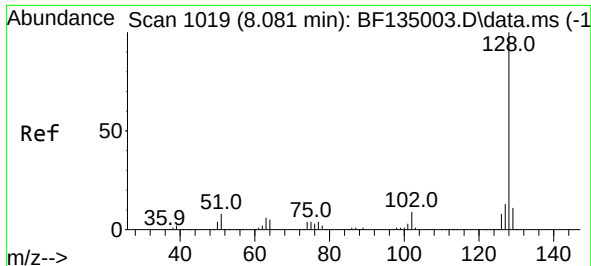
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 30.1 23.5 35.3

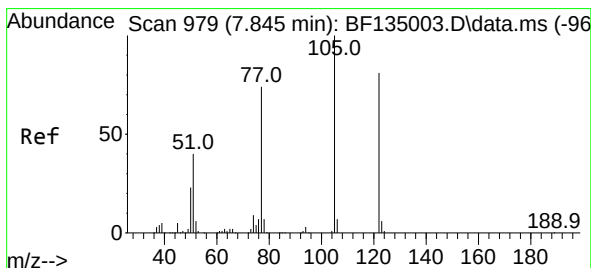
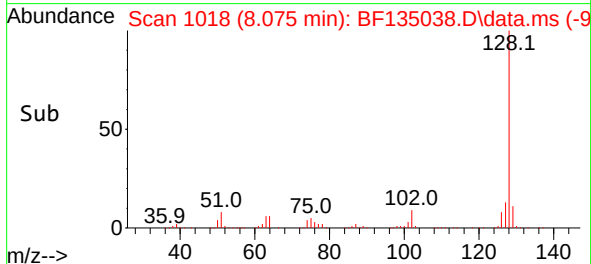
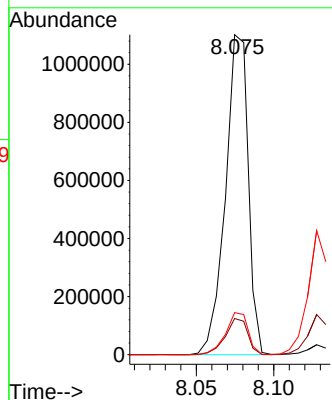
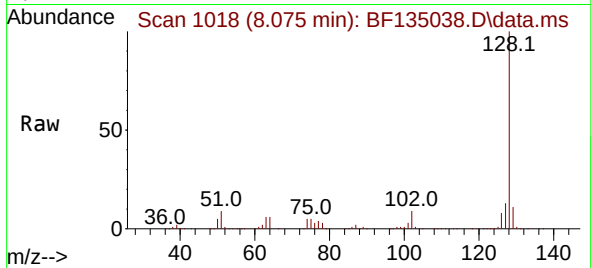




#31
Naphthalene
Concen: 45.465 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

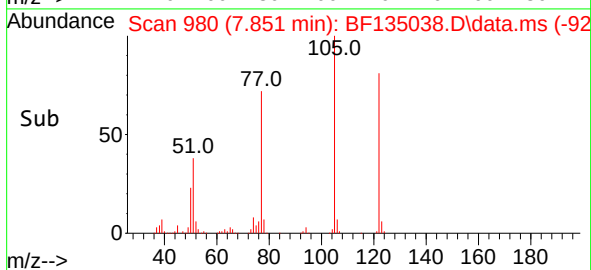
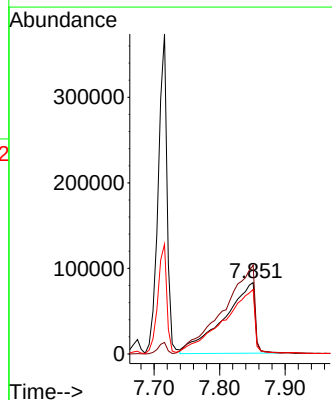
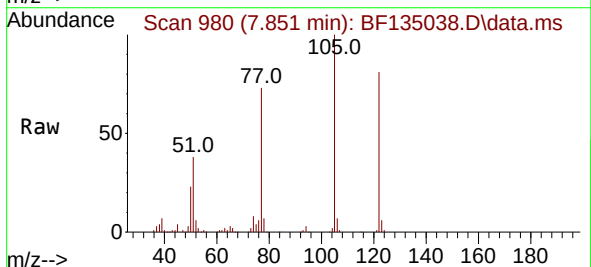
Instrument :
BNA_F
ClientSampleId :
PB155191BS

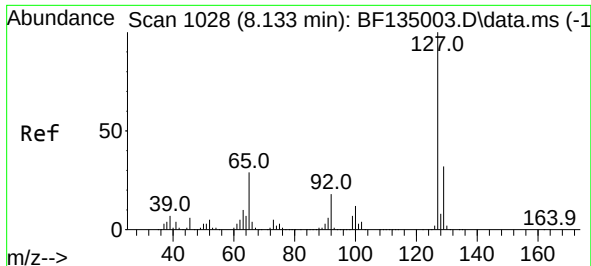
Tgt Ion:128 Resp: 1129743
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 46.065 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:122 Resp: 272234
Ion Ratio Lower Upper
122 100
105 124.2 99.8 139.8
77 90.3 69.5 109.5

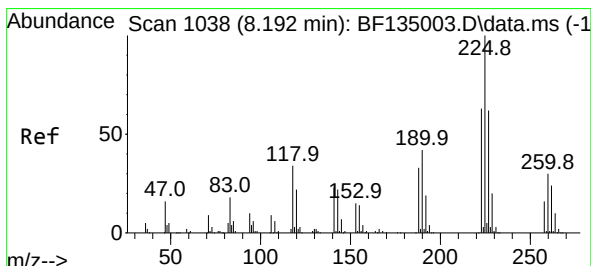
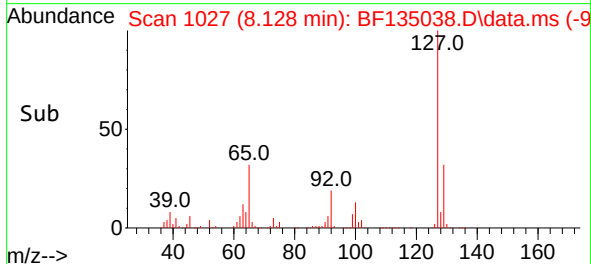
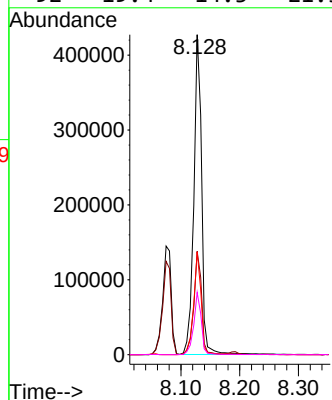
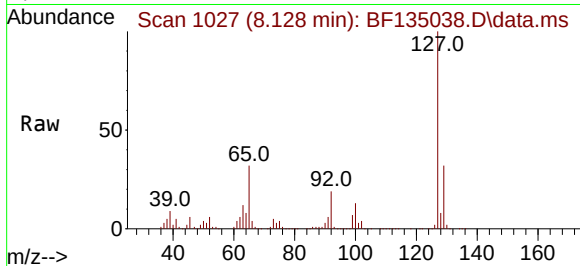




#33
4-Chloroaniline
Concen: 36.322 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

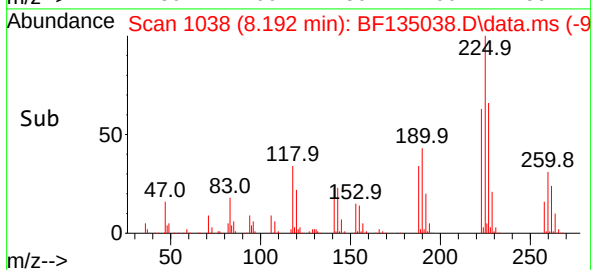
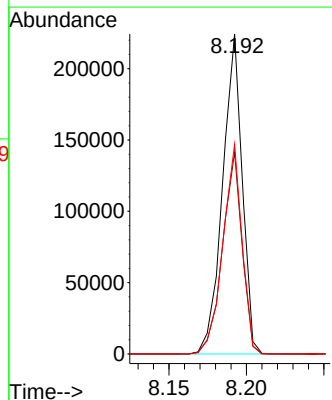
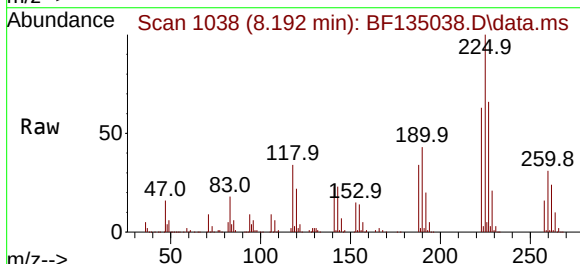
Instrument :
BNA_F
ClientSampleId :
PB155191BS

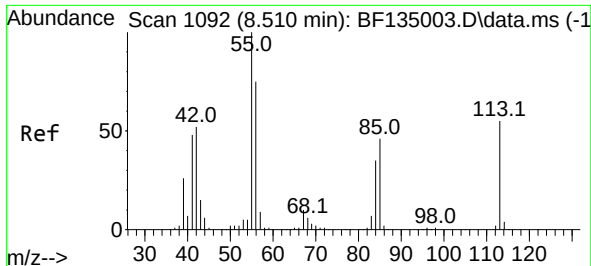
Tgt Ion:	127	Resp:	394766
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	32.2	23.1	34.7
92	19.4	14.3	21.5



#34
Hexachlorobutadiene
Concen: 45.753 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:	225	Resp:	197017
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	65.6	49.6	74.4

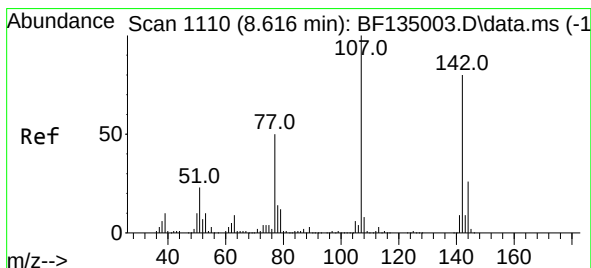
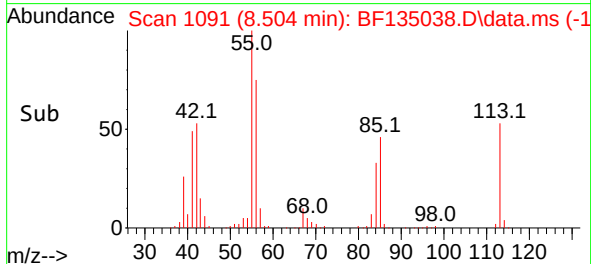
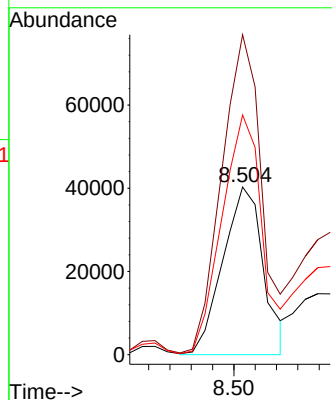
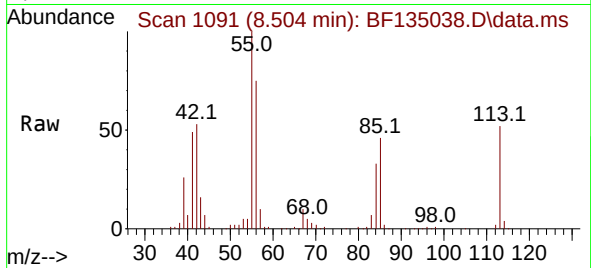




#35
 Caprolactam
 Concen: 23.196 ng
 RT: 8.504 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

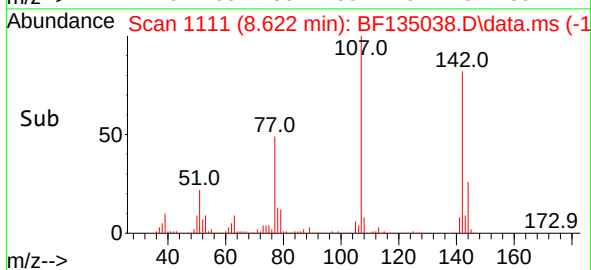
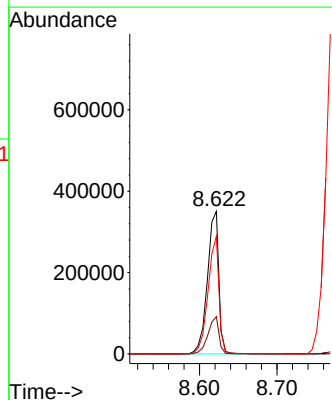
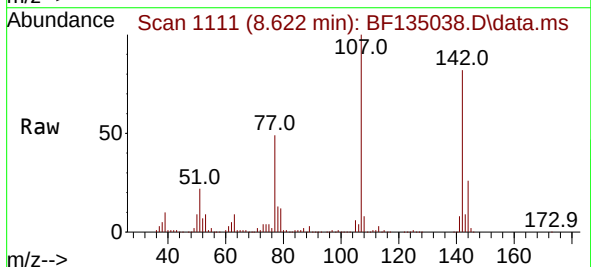
Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

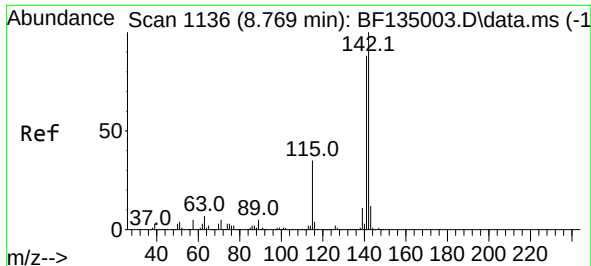
Tgt Ion:113 Resp: 53326
 Ion Ratio Lower Upper
 113 100
 55 190.8 160.6 200.6
 56 142.9 115.4 155.4



#36
 4-Chloro-3-methylphenol
 Concen: 47.068 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Tgt Ion:107 Resp: 358952
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 31.0
 142 82.5 64.4 96.6





#37

2-Methylnaphthalene

Concen: 43.354 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

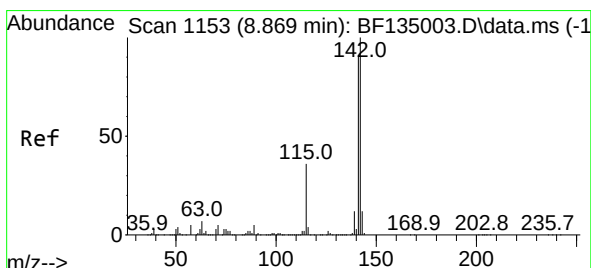
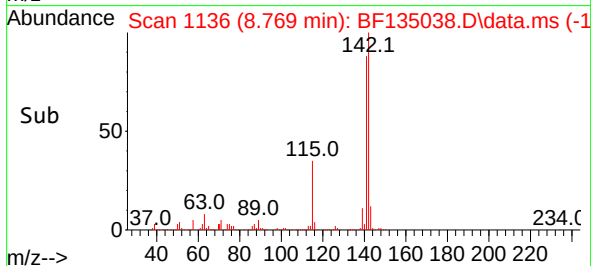
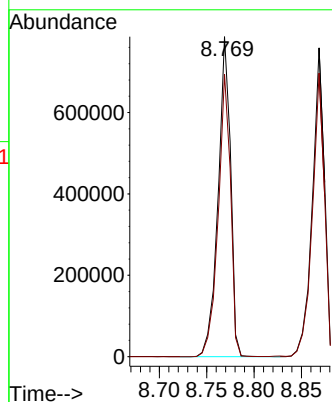
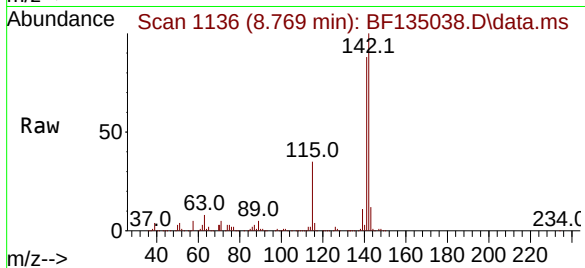
PB155191BS

Tgt Ion:142 Resp: 718784

Ion Ratio Lower Upper

142 100

141 88.3 70.7 106.1



#38

1-Methylnaphthalene

Concen: 43.284 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF135038.D

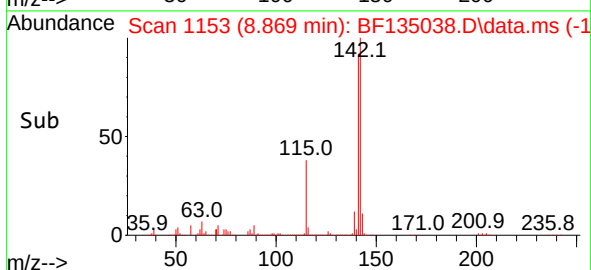
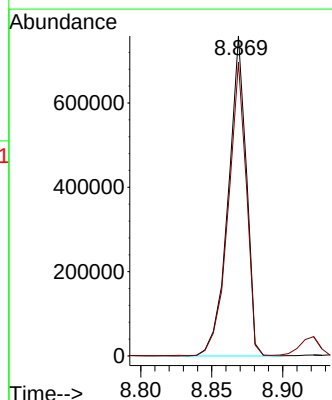
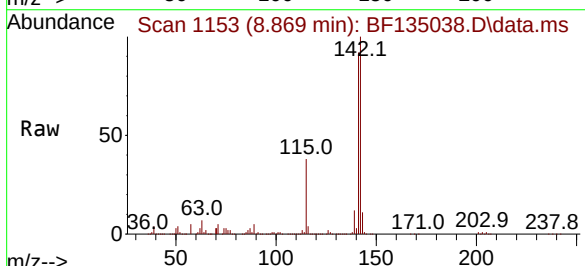
Acq: 31 Aug 2023 13:17

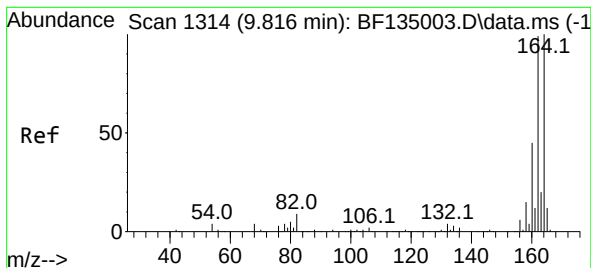
Tgt Ion:142 Resp: 671473

Ion Ratio Lower Upper

142 100

141 91.8 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: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

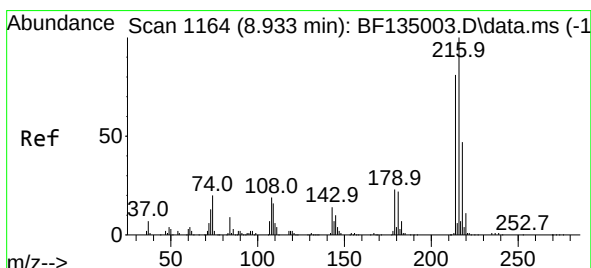
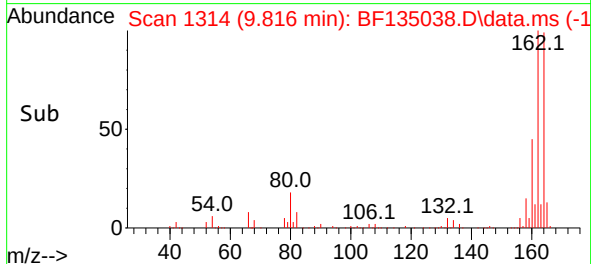
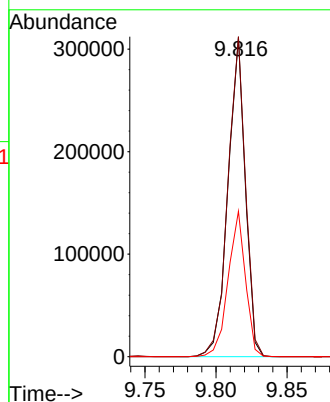
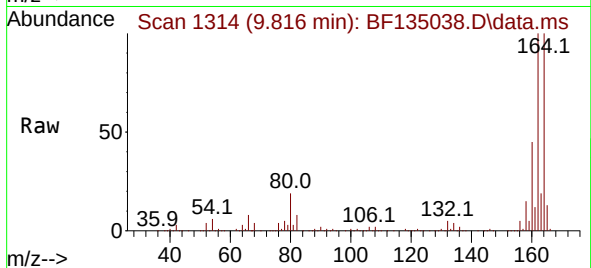
Tgt Ion:164 Resp: 264832

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 45.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.854 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Tgt Ion:216 Resp: 325120

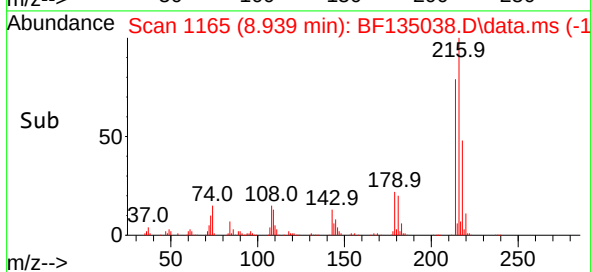
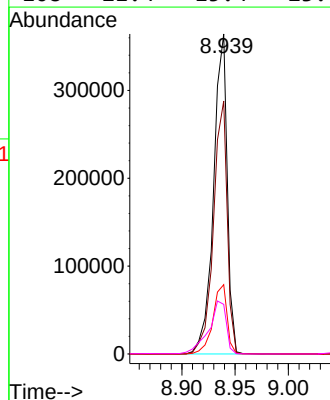
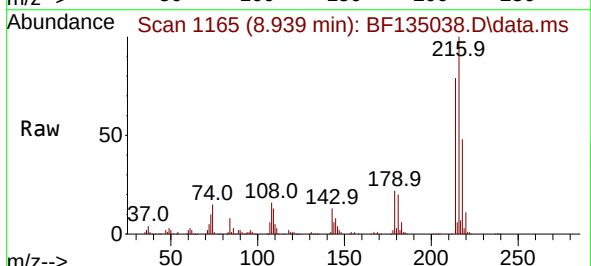
Ion Ratio Lower Upper

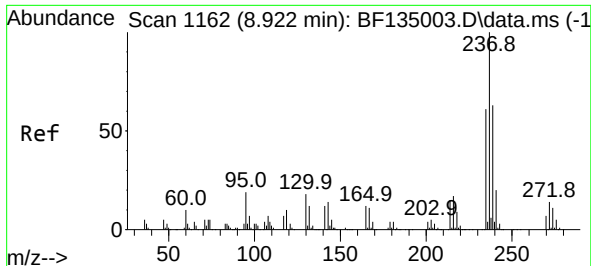
216 100

214 79.5 63.8 95.8

179 22.3 17.7 26.5

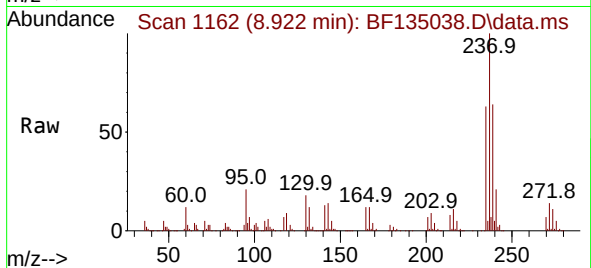
108 21.4 15.4 23.0



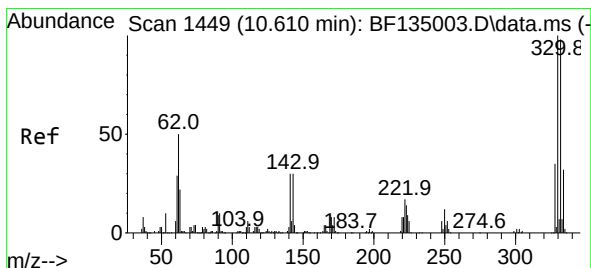
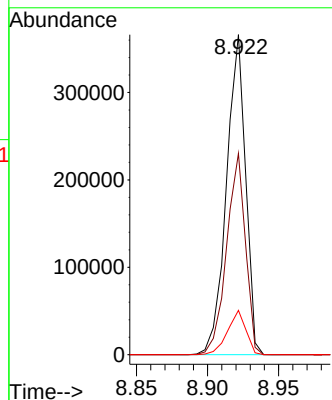
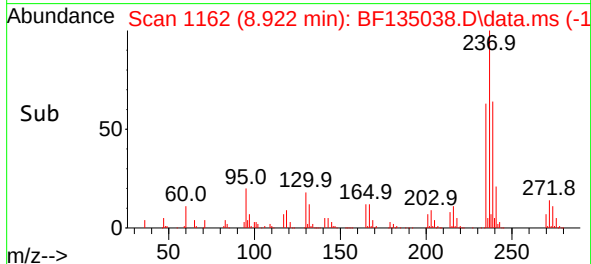


#41
Hexachlorocyclopentadiene
Concen: 108.655 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

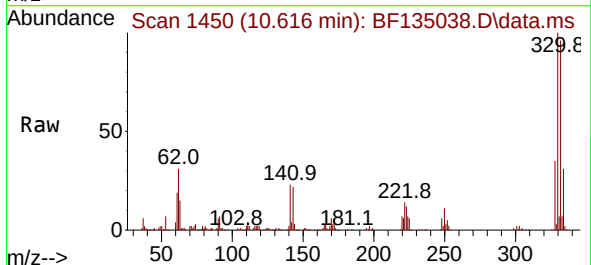
Instrument :
BNA_F
ClientSampleId :
PB155191BS



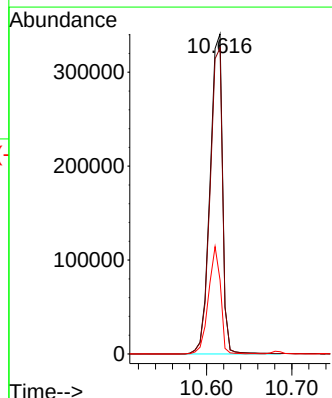
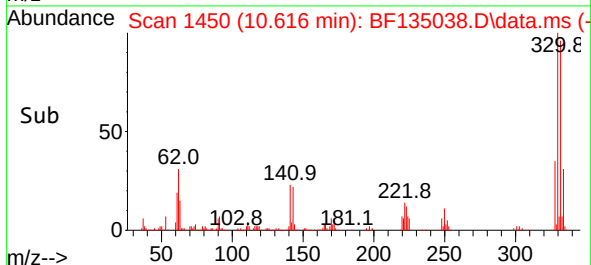
Tgt Ion:237 Resp: 342851
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.9 0.0 33.9

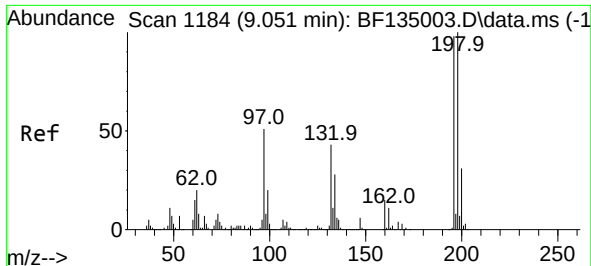


#42
2,4,6-Tribromophenol
Concen: 123.674 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:330 Resp: 347439
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 32.2 26.3 39.5

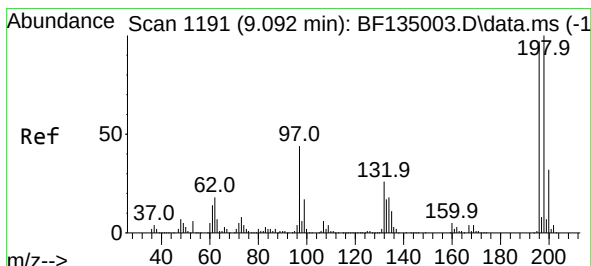
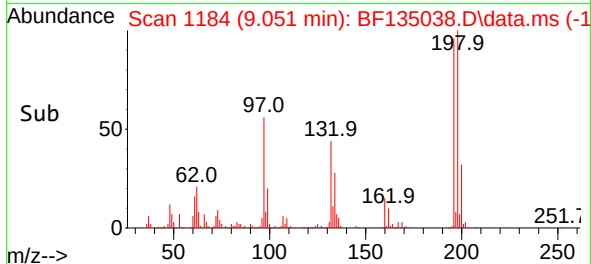
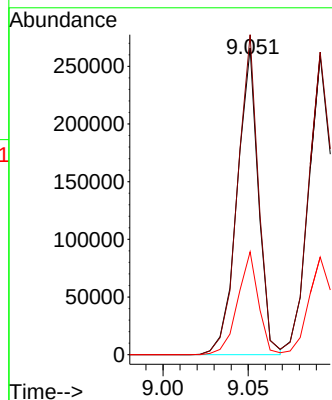
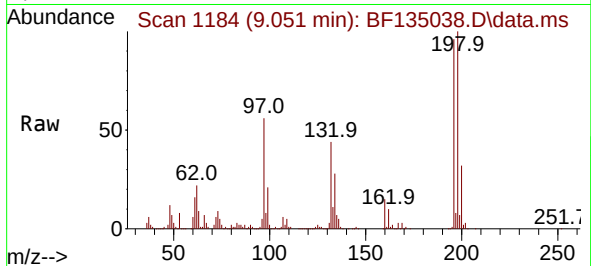




#43
2,4,6-Trichlorophenol
Concen: 46.294 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

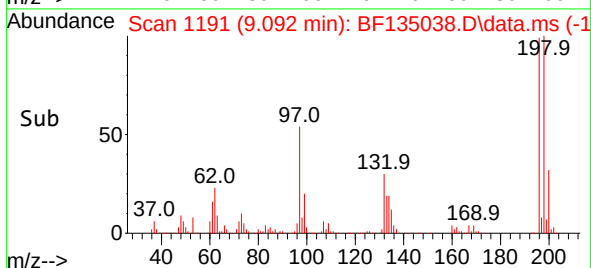
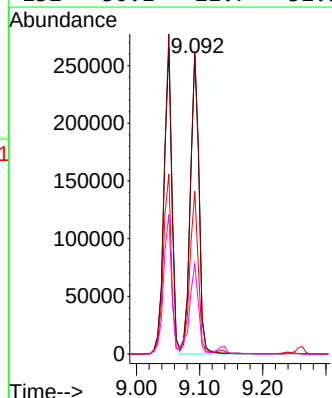
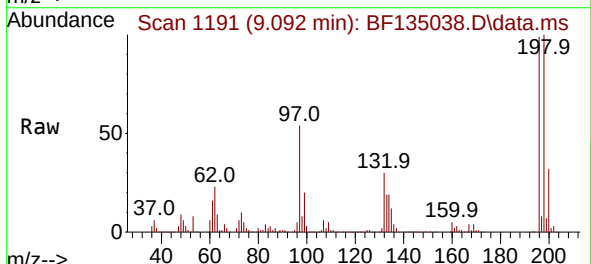
Instrument :
BNA_F
ClientSampleId :
PB155191BS

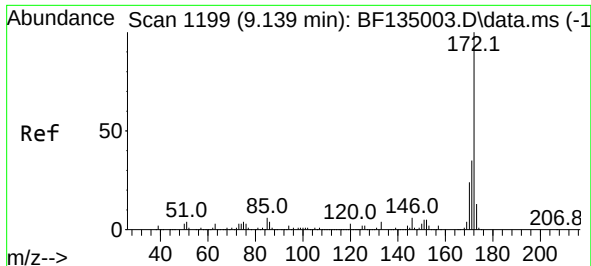
Tgt Ion:196 Resp: 230494
Ion Ratio Lower Upper
196 100
198 104.3 81.8 122.6
200 33.5 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 42.857 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:196 Resp: 247038
Ion Ratio Lower Upper
196 100
198 101.1 82.8 124.2
97 54.4 36.5 54.7
132 30.1 21.7 32.5

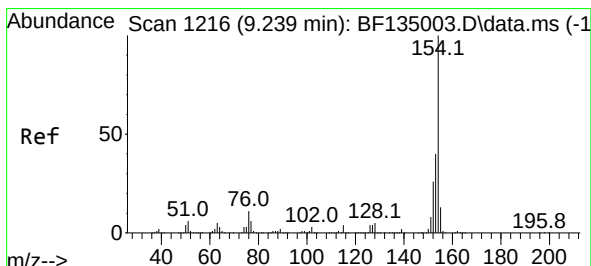
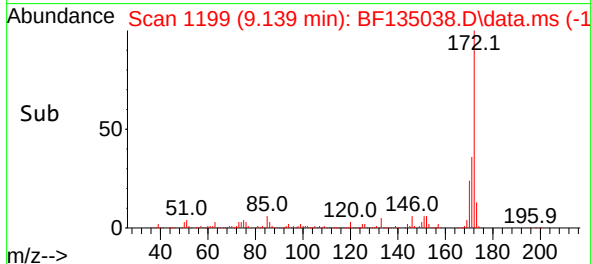
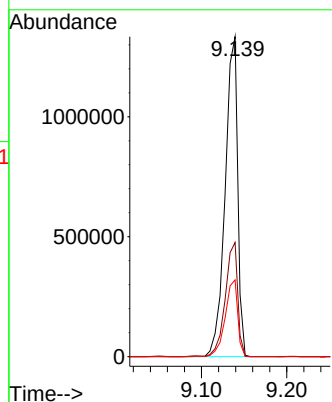
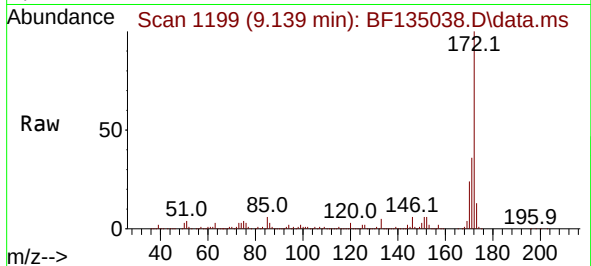




#45
2-Fluorobiphenyl
Concen: 84.027 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

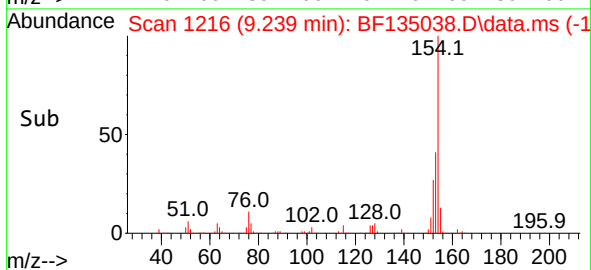
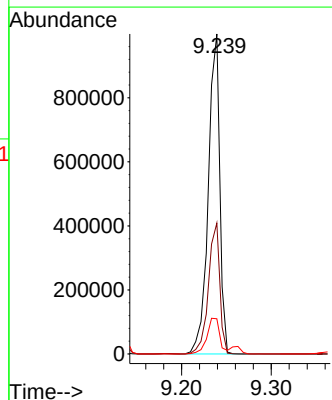
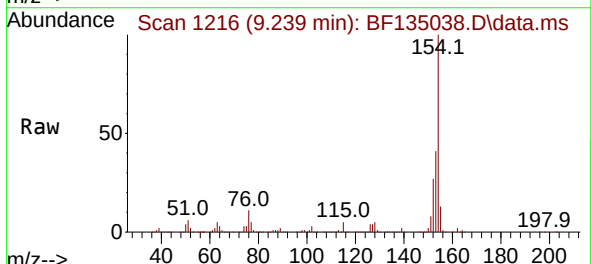
Instrument :
BNA_F
ClientSampleId :
PB155191BS

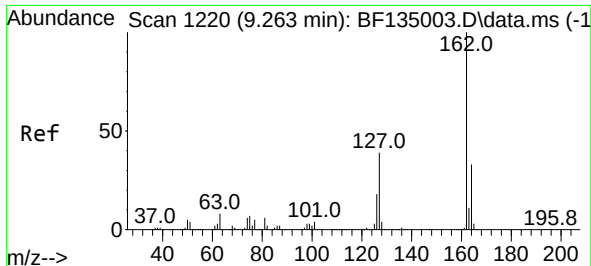
Tgt Ion:172 Resp: 1366811
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.962 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:154 Resp: 889511
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 45.328 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

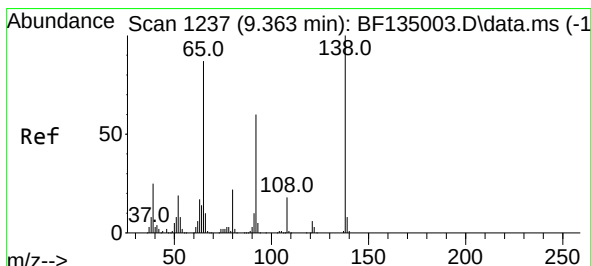
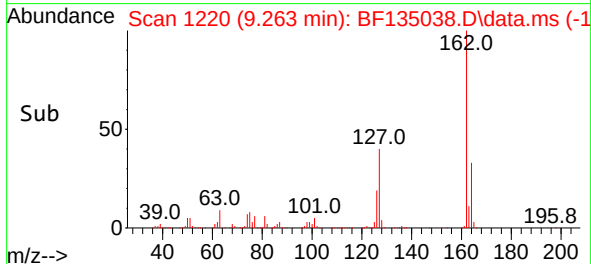
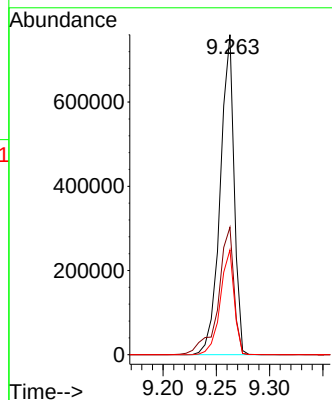
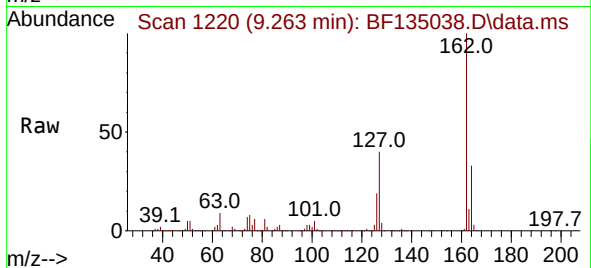
Tgt Ion:162 Resp: 689694

Ion Ratio Lower Upper

162 100

127 39.8 31.8 47.6

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 46.132 ng

RT: 9.363 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

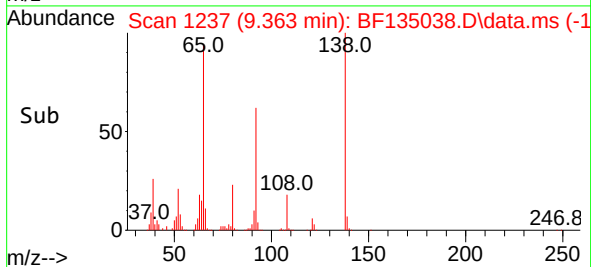
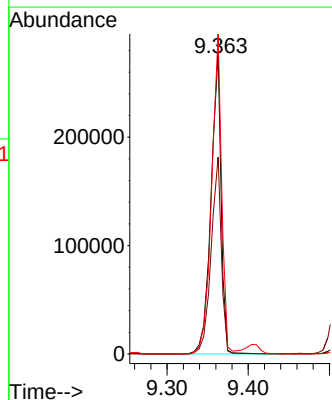
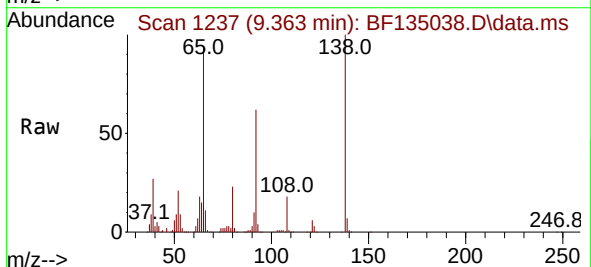
Tgt Ion: 65 Resp: 240282

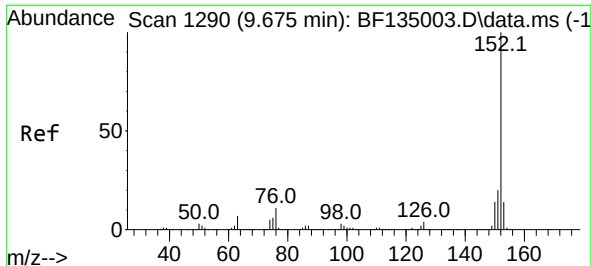
Ion Ratio Lower Upper

65 100

92 65.5 54.9 82.3

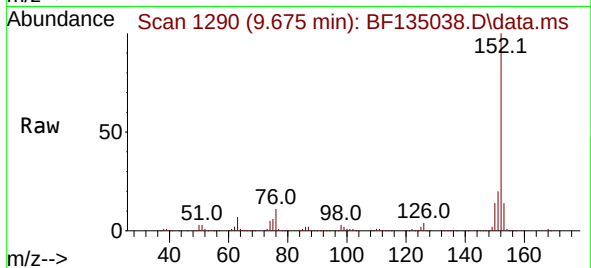
138 106.5 91.6 137.4



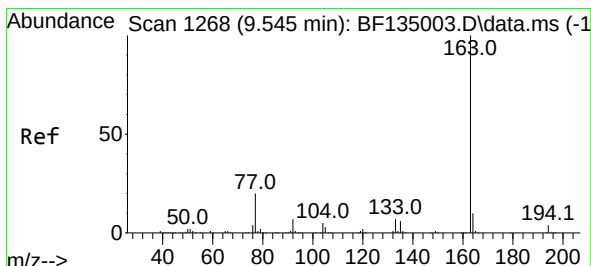
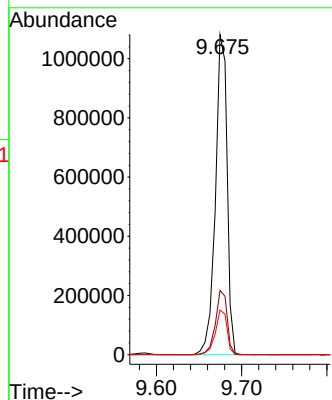
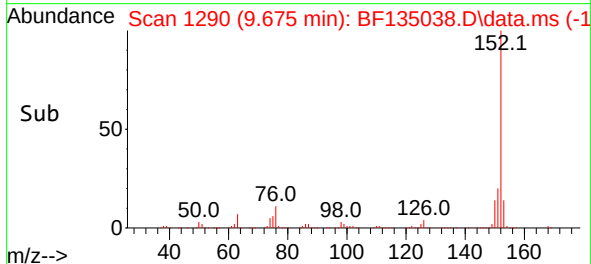


#49
Acenaphthylene
Concen: 44.825 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

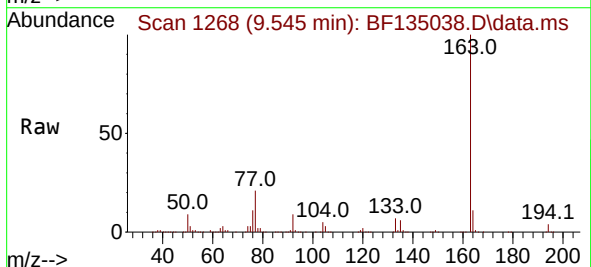
Instrument :
BNA_F
ClientSampleId :
PB155191BS



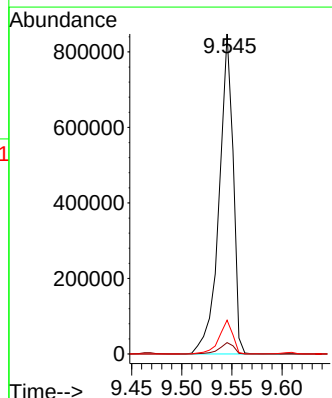
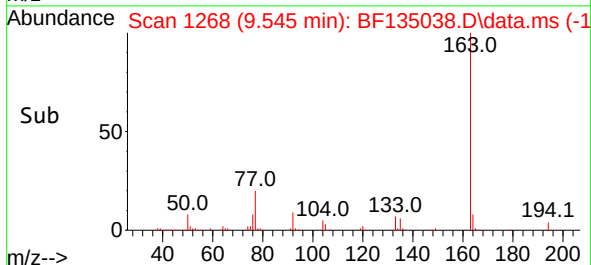
Tgt Ion:152 Resp: 1031015
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.9 11.4 17.0

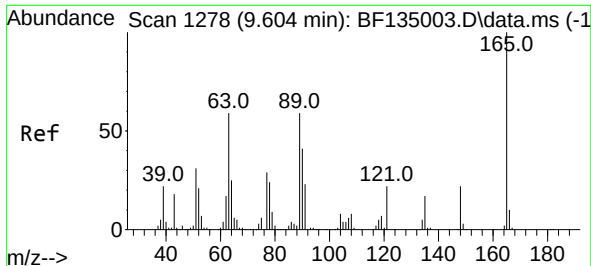


#50
Dimethylphthalate
Concen: 44.399 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17



Tgt Ion:163 Resp: 823332
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 8.1 12.1

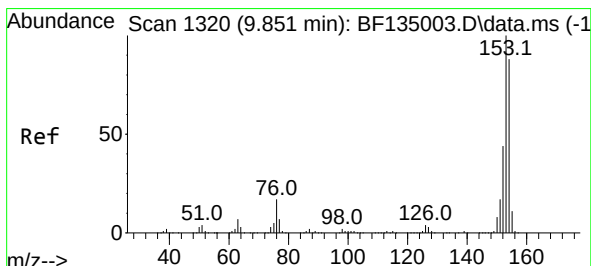
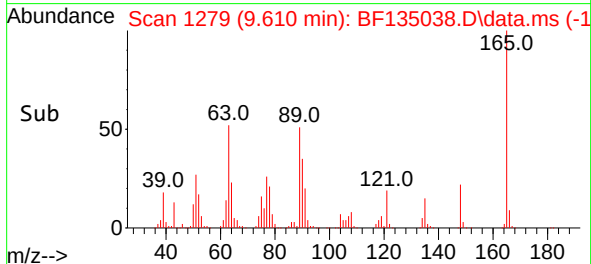
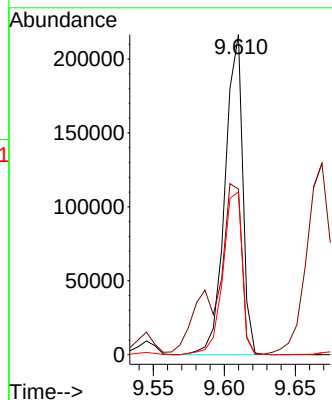
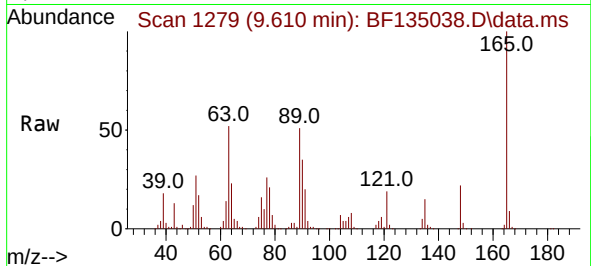




#51
2,6-Dinitrotoluene
Concen: 46.101 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

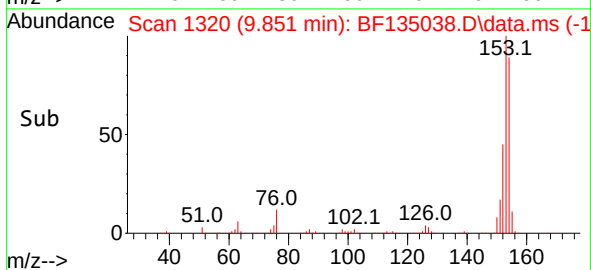
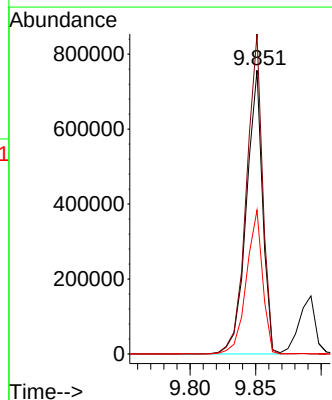
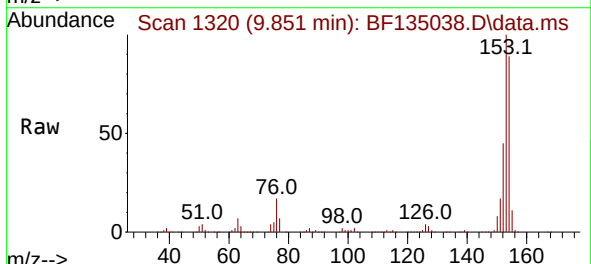
Instrument :
BNA_F
ClientSampleId :
PB155191BS

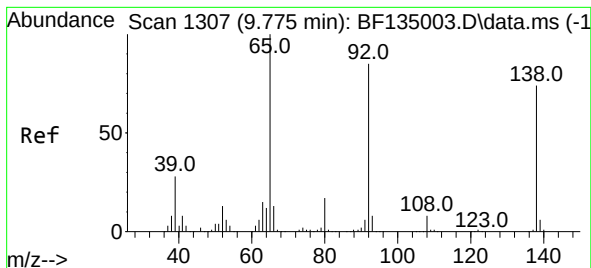
Tgt Ion:165 Resp: 187583
Ion Ratio Lower Upper
165 100
63 51.8 50.4 75.6
89 50.8 47.1 70.7



#52
Acenaphthene
Concen: 44.577 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:154 Resp: 653399
Ion Ratio Lower Upper
154 100
153 112.8 90.8 136.2
152 50.7 40.2 60.4





#53

3-Nitroaniline

Concen: 38.660 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

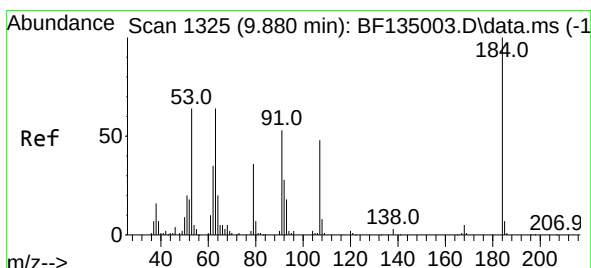
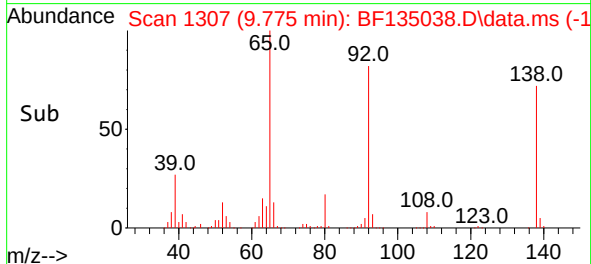
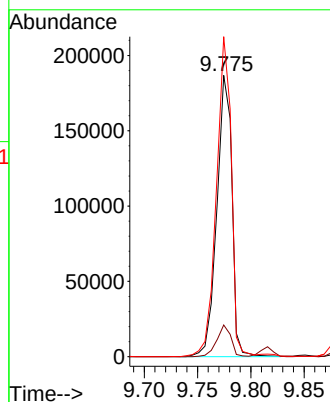
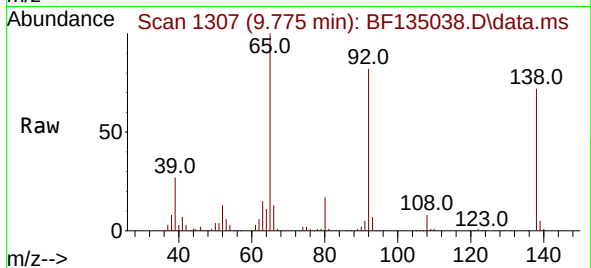
Tgt Ion:138 Resp: 183243

Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

92 113.8 92.2 138.4



#54

2,4-Dinitrophenol

Concen: 111.264 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.012 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

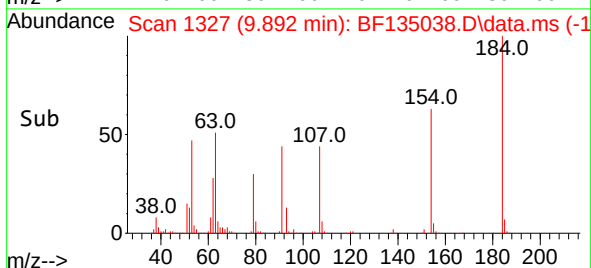
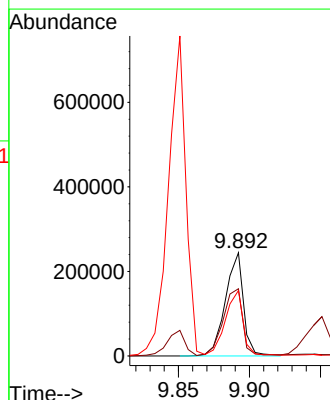
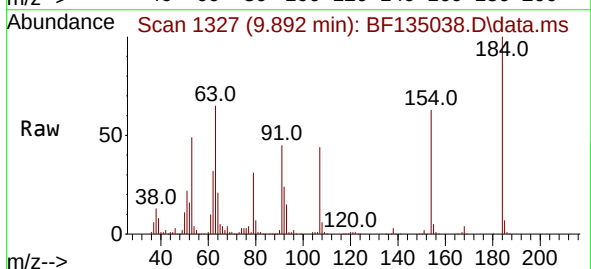
Tgt Ion:184 Resp: 216373

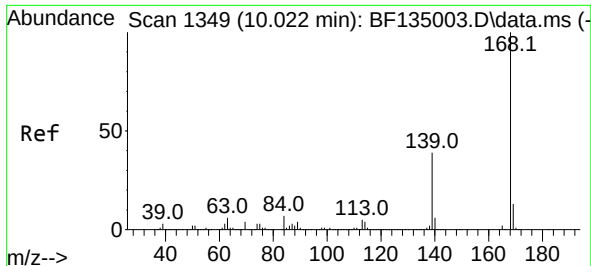
Ion Ratio Lower Upper

184 100

63 65.1 62.2 93.2

154 63.4 52.3 78.5

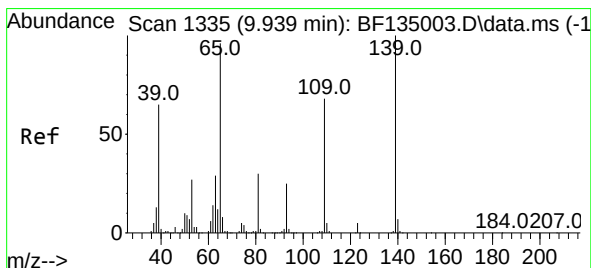
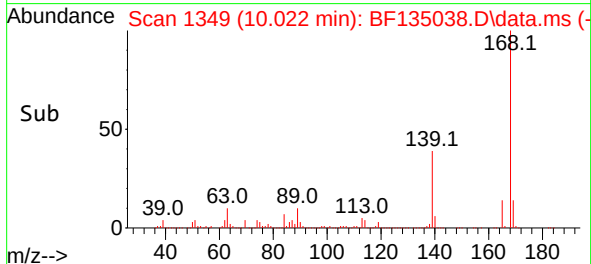
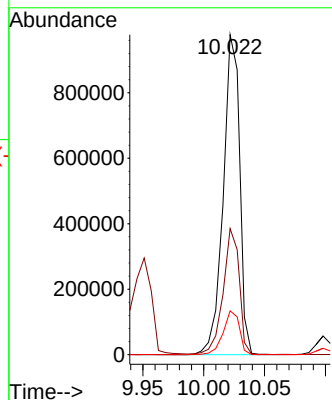
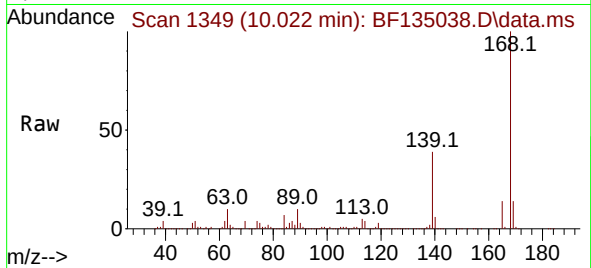




#55
Dibenzofuran
Concen: 43.603 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

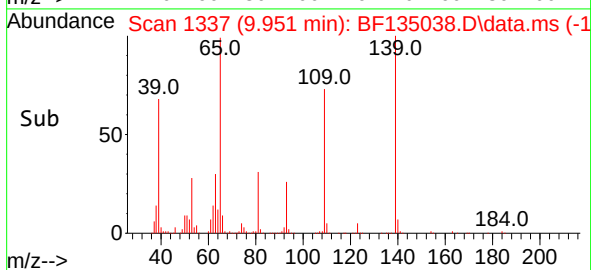
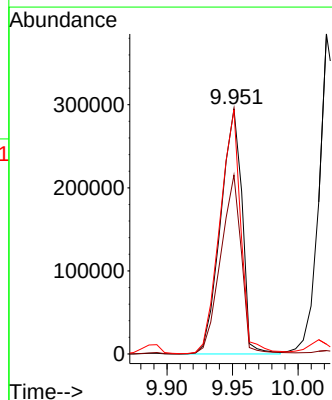
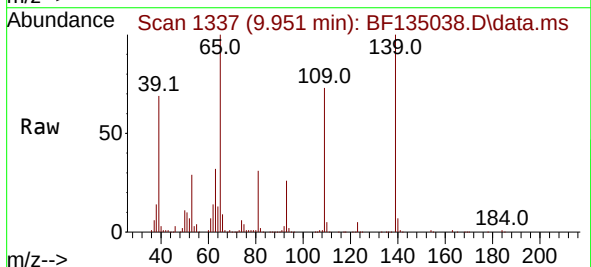
Instrument :
BNA_F
ClientSampleId :
PB155191BS

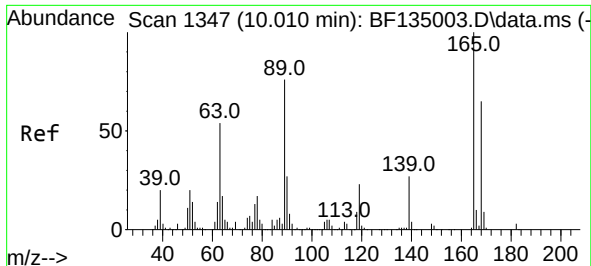
Tgt Ion:168 Resp: 921956
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 100.534 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:139 Resp: 334962
Ion Ratio Lower Upper
139 100
109 73.0 47.7 87.7
65 99.5 75.9 115.9

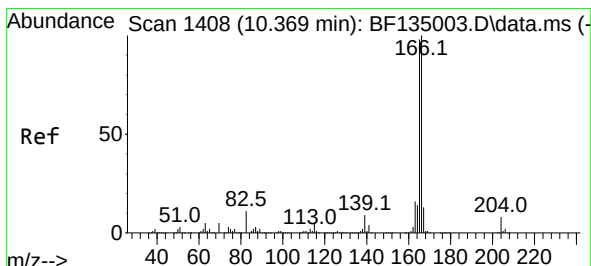
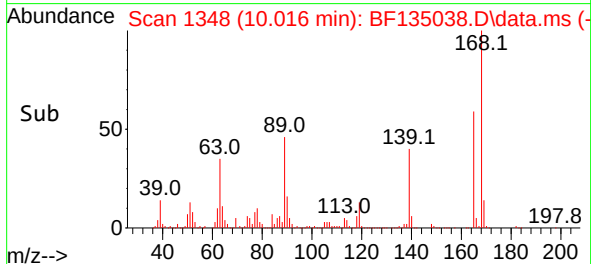
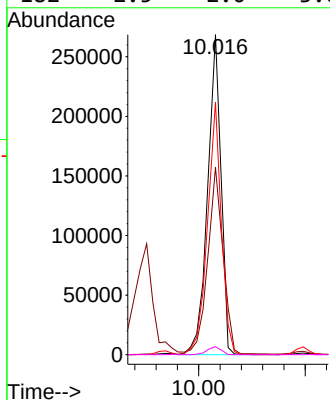
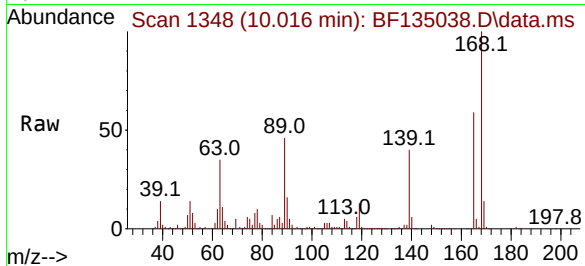




#57
2,4-Dinitrotoluene
Concen: 46.366 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

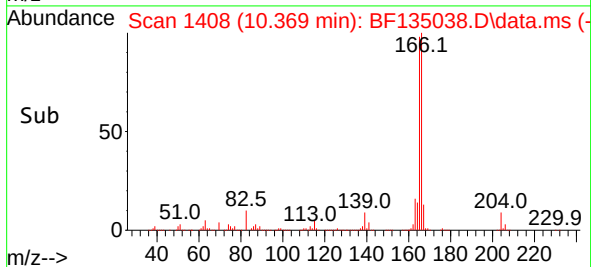
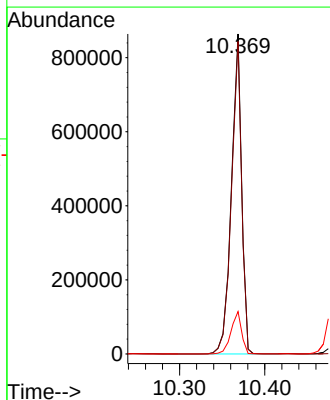
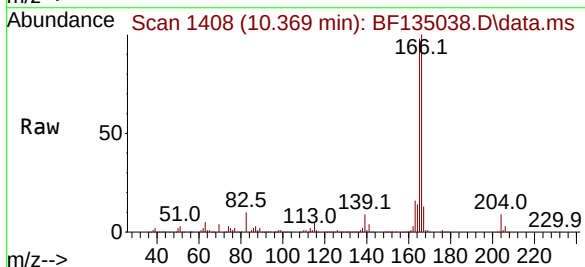
Instrument :
BNA_F
ClientSampleId :
PB155191BS

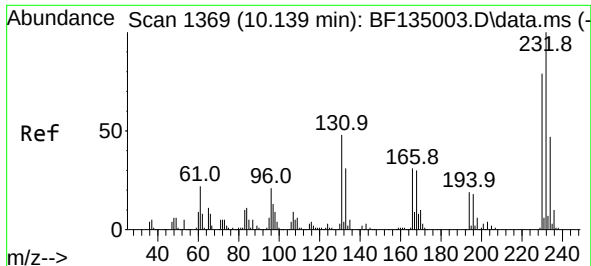
Tgt Ion:165 Resp: 235115
Ion Ratio Lower Upper
165 100
63 58.6 43.2 64.8
89 78.9 60.8 91.2
182 2.5 2.0 3.0



#58
Fluorene
Concen: 44.695 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:166 Resp: 720480
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.2 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.298 ng

RT: 10.145 min Scan# 1369

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

Tgt Ion:232 Resp: 209939

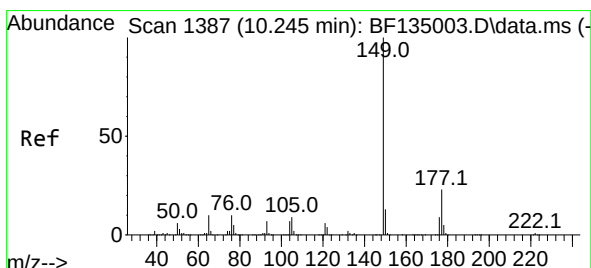
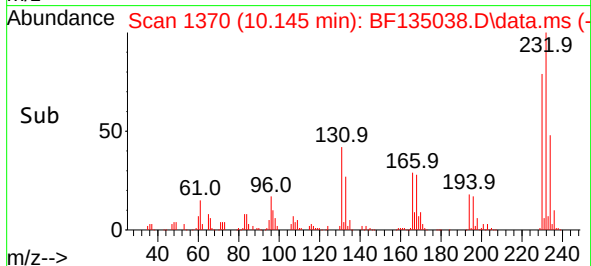
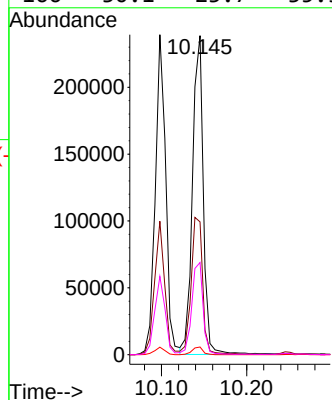
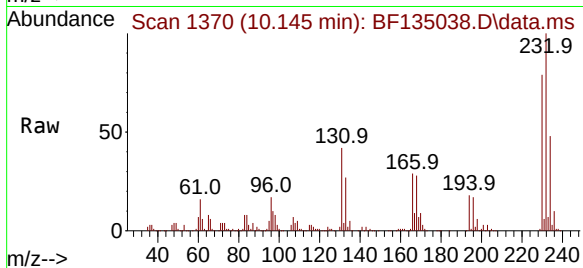
Ion Ratio Lower Upper

232 100

131 45.4 35.3 52.9

130 2.4 1.7 2.5

166 30.1 23.7 35.5



#60

Diethylphthalate

Concen: 44.132 ng

RT: 10.245 min Scan# 1387

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

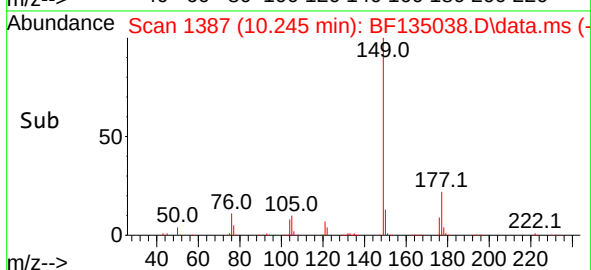
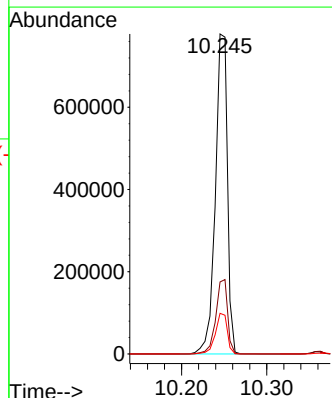
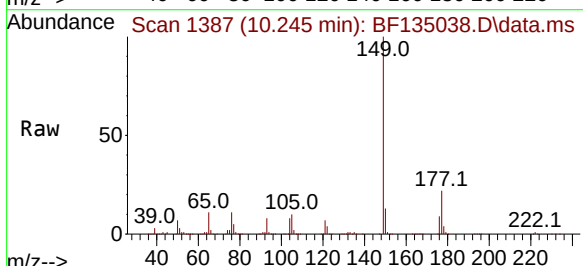
Tgt Ion:149 Resp: 770372

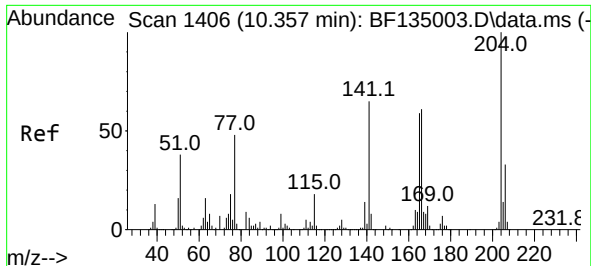
Ion Ratio Lower Upper

149 100

177 22.5 18.5 27.7

150 12.7 10.1 15.1

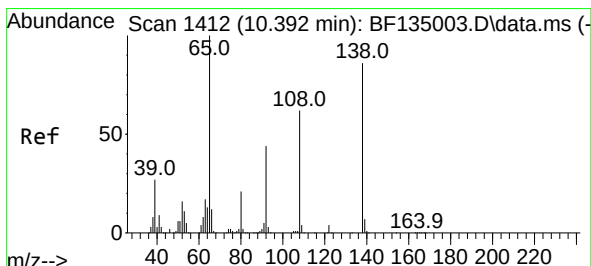
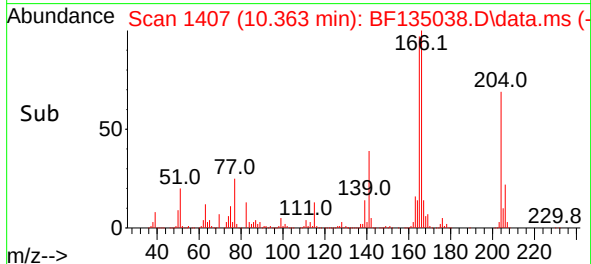
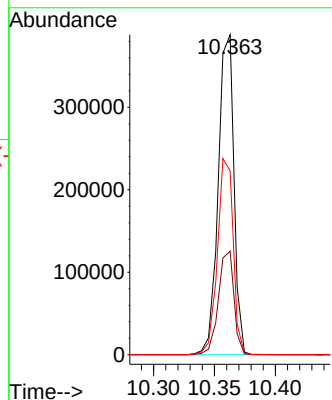
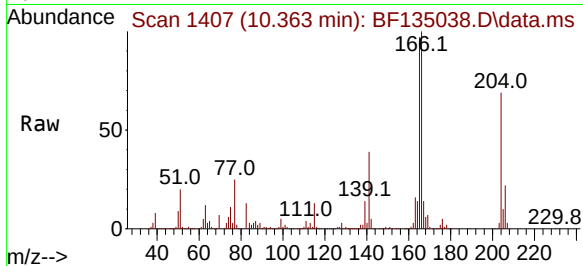




#61
4-Chlorophenyl-phenylether
Concen: 43.847 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

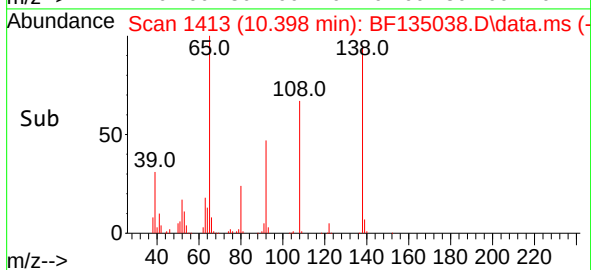
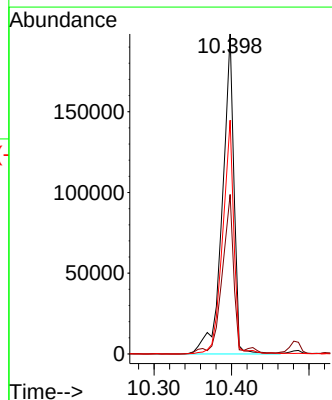
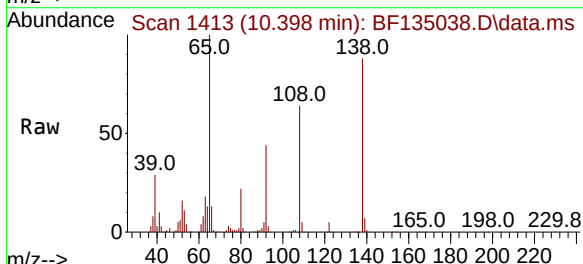
Instrument :
BNA_F
ClientSampleId :
PB155191BS

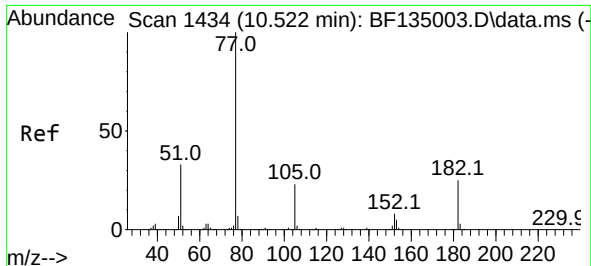
Tgt Ion:204 Resp: 349615
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 57.5 51.8 77.6



#62
4-Nitroaniline
Concen: 44.456 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:138 Resp: 206180
Ion Ratio Lower Upper
138 100
92 49.9 30.7 70.7
108 73.0 51.7 91.7

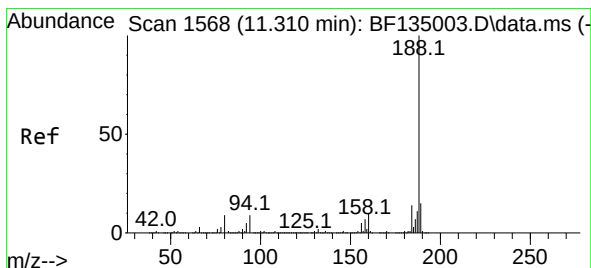
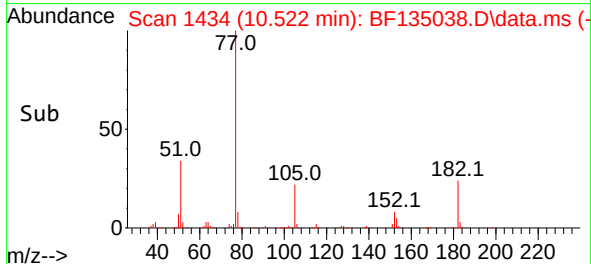
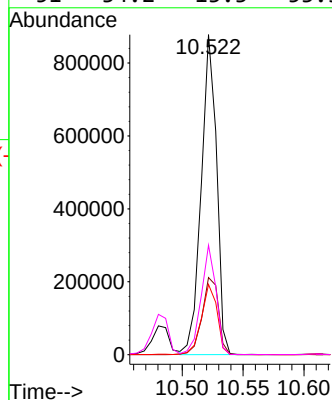
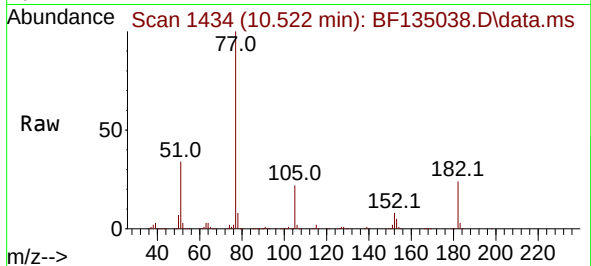




#63
Azobenzene
Concen: 43.903 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

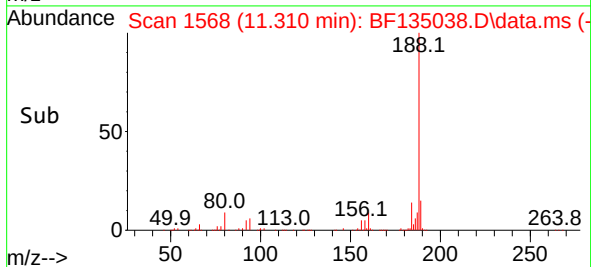
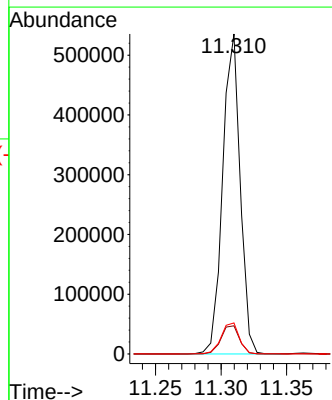
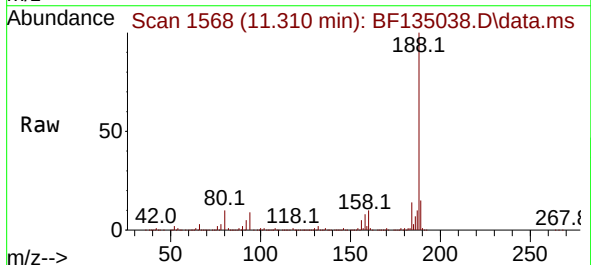
Instrument :
BNA_F
ClientSampleId :
PB155191BS

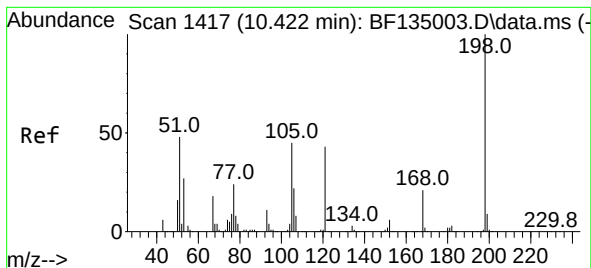
Tgt Ion:	77	Resp:	771669
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.9	44.9
105	21.9	2.7	42.7
51	34.2	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:	188	Resp:	494541
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.7	7.4	11.2

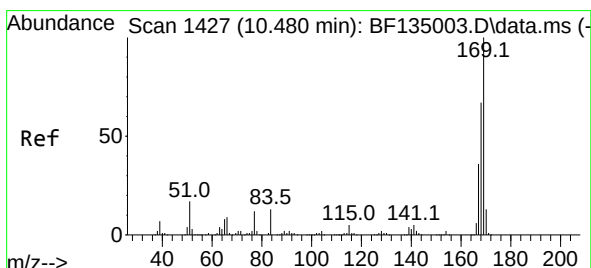
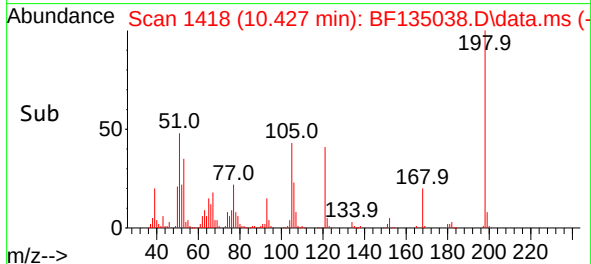
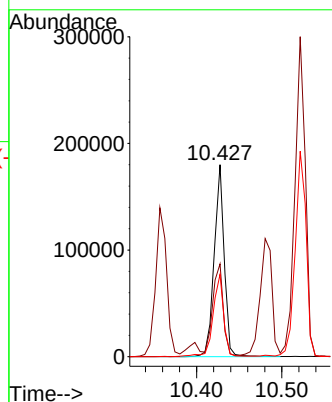
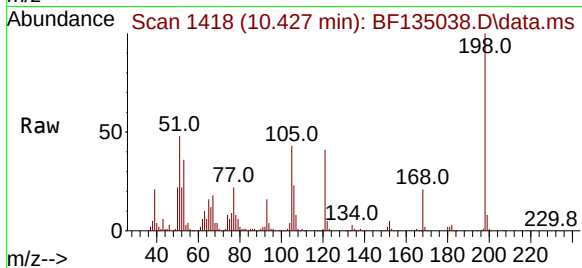




#65
4,6-Dinitro-2-methylphenol
Concen: 49.451 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

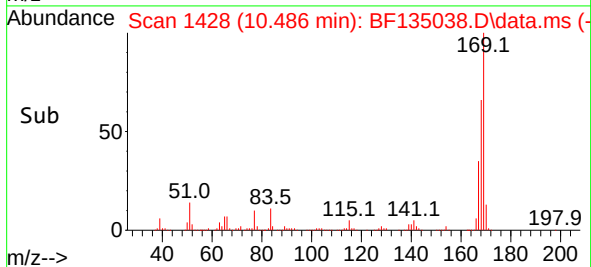
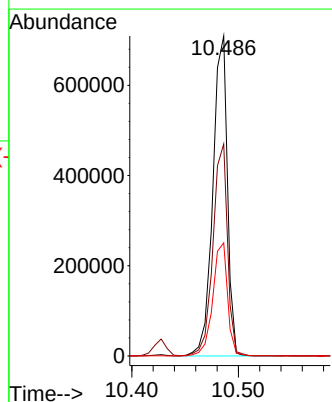
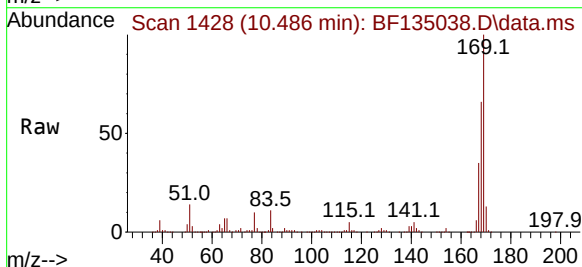
Instrument :
BNA_F
ClientSampleId :
PB155191BS

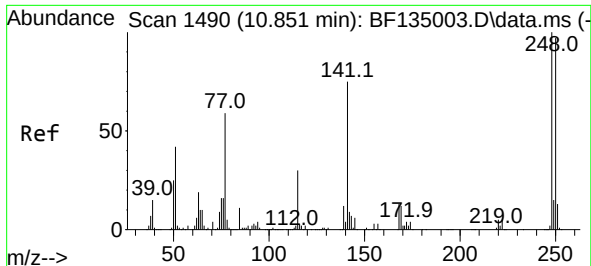
Tgt Ion:198 Resp: 148009
Ion Ratio Lower Upper
198 100
51 48.3 35.7 75.7
105 42.9 25.9 65.9



#66
n-Nitrosodiphenylamine
Concen: 43.694 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:169 Resp: 671881
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.3 29.0 43.4

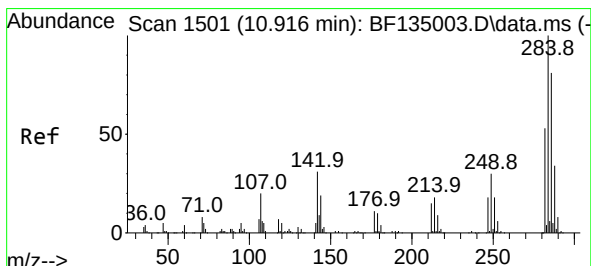
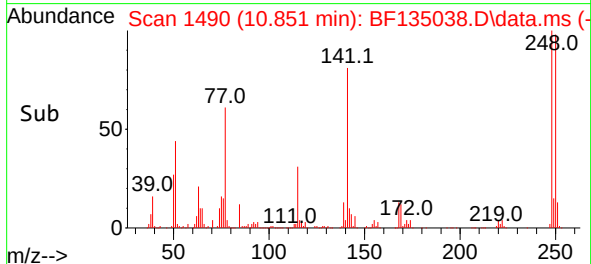
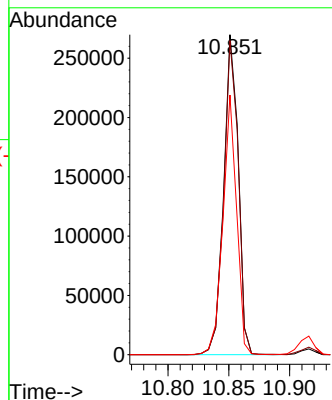
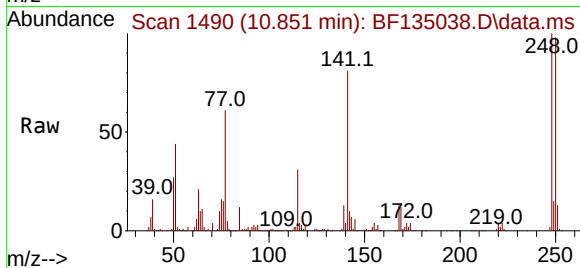




#67
4-Bromophenyl-phenylether
Concen: 43.047 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

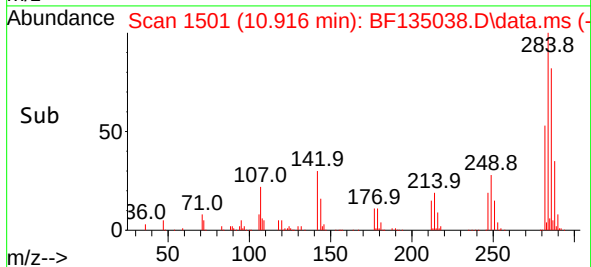
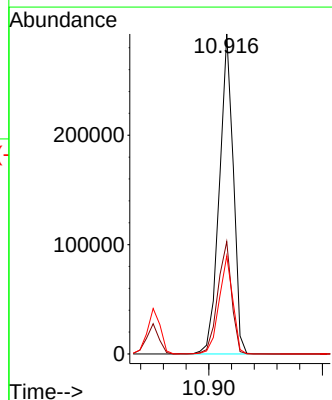
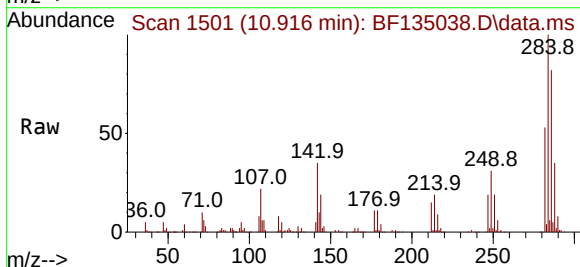
Instrument :
BNA_F
ClientSampleId :
PB155191BS

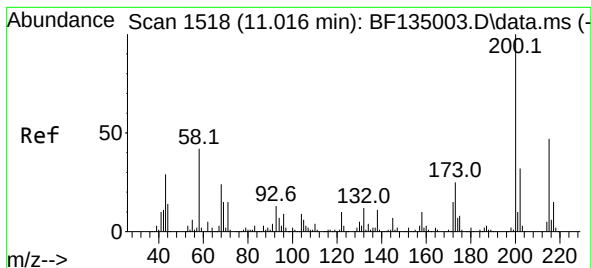
Tgt Ion:248 Resp: 225798
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 81.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.922 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:284 Resp: 249072
Ion Ratio Lower Upper
284 100
142 35.1 25.1 37.7
249 30.7 24.1 36.1





#69

Atrazine

Concen: Below Cal

RT: 11.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

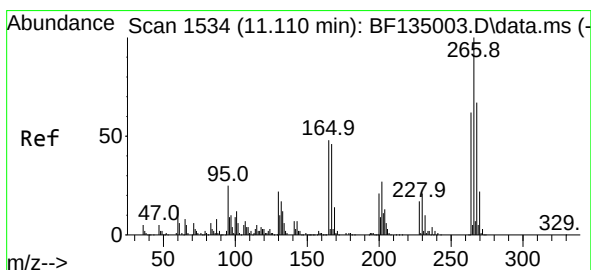
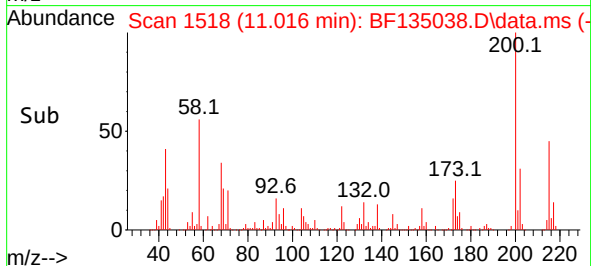
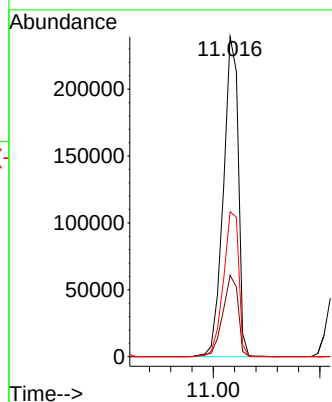
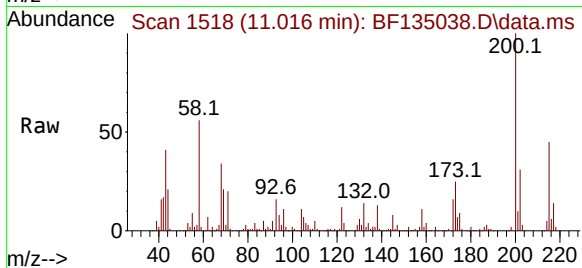
Tgt Ion:200 Resp: 231886

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

215 45.3 26.9 66.9



#70

Pentachlorophenol

Concen: 82.522 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

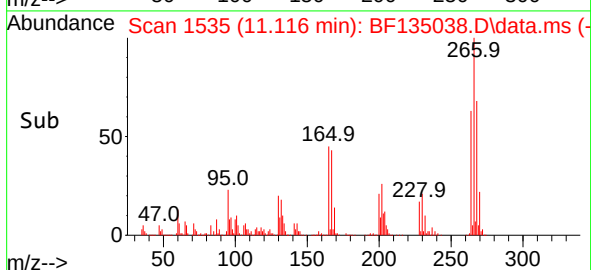
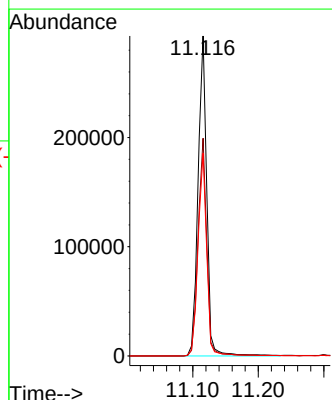
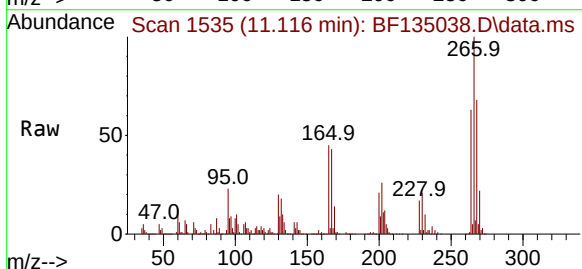
Tgt Ion:266 Resp: 270783

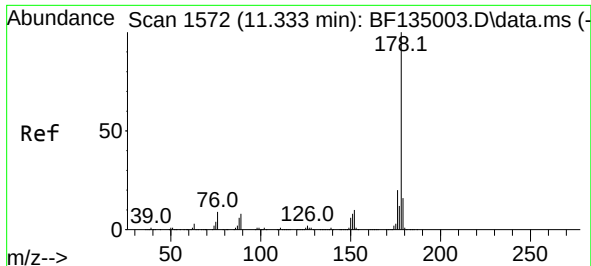
Ion Ratio Lower Upper

266 100

268 68.0 53.3 79.9

264 63.4 49.3 73.9

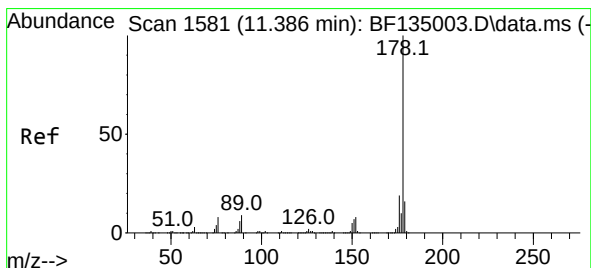
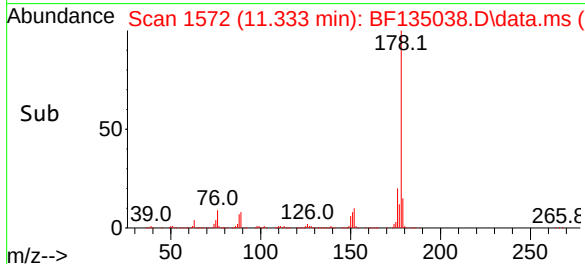
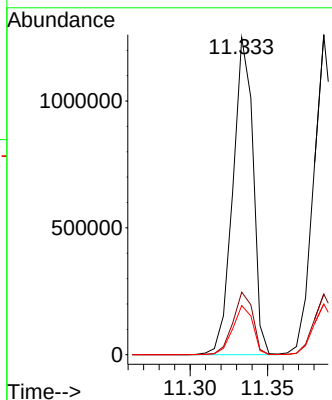
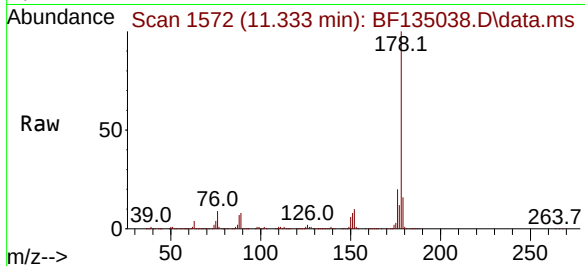




#71
Phenanthrene
Concen: 44.388 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

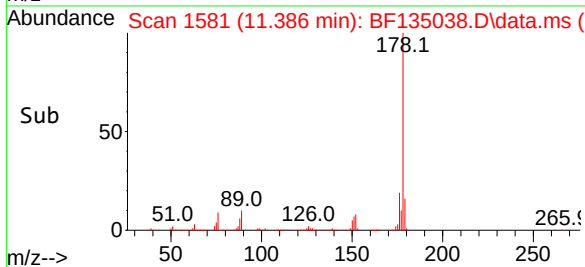
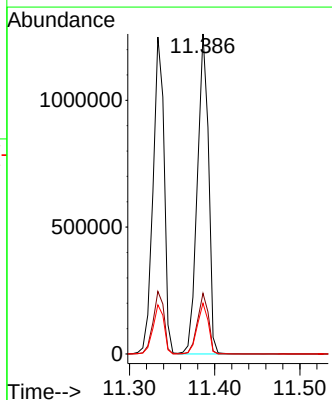
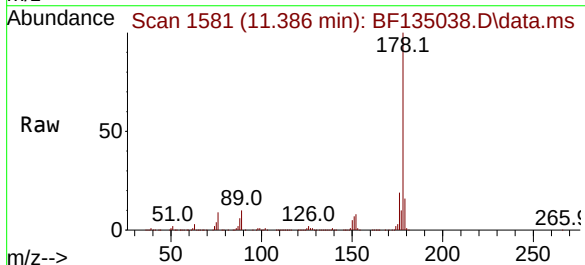
Instrument :
BNA_F
ClientSampleId :
PB155191BS

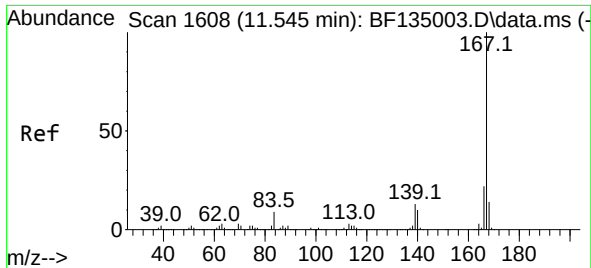
Tgt Ion:178 Resp: 1132500
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.045 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:178 Resp: 1148146
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.8 19.2



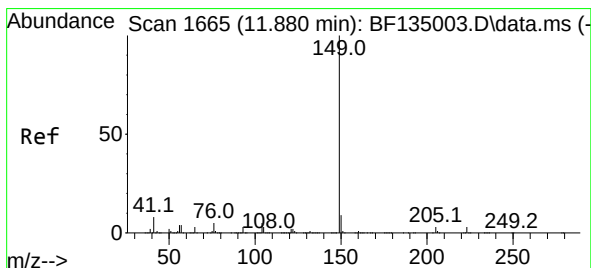
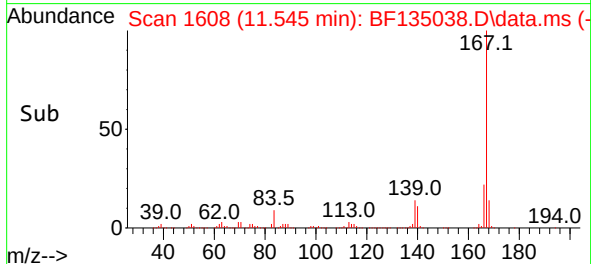
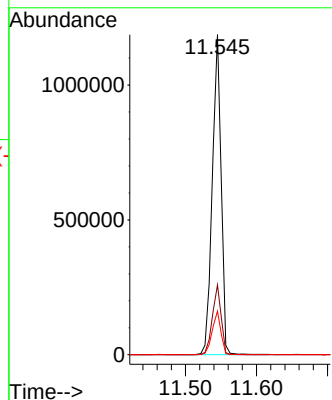
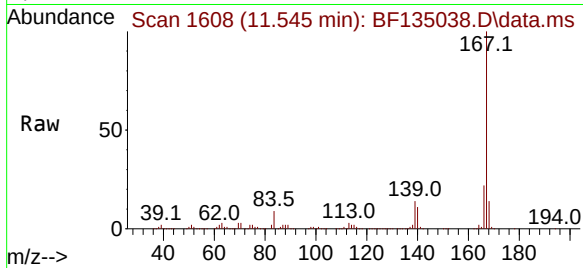


#73
 Carbazole
 Concen: 45.850 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

Tgt Ion:167 Resp: 1030879

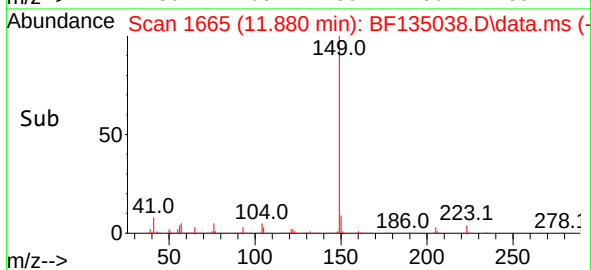
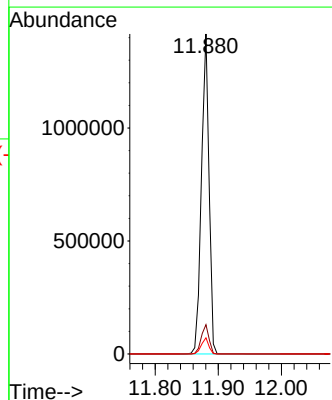
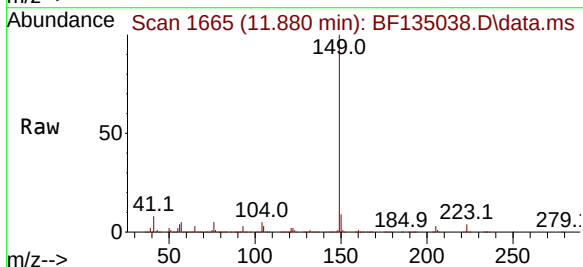
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.6	10.3	15.5

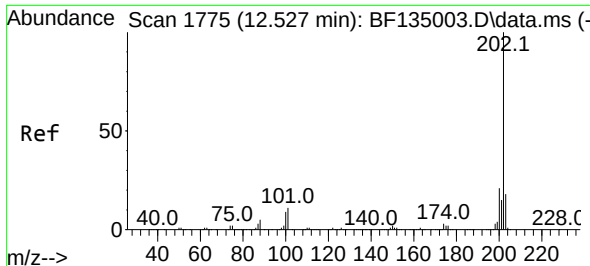


#74
 Di-n-butylphthalate
 Concen: 43.621 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: BF135038.D
 Acq: 31 Aug 2023 13:17

Tgt Ion:149 Resp: 1182272

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.1	4.0	6.0

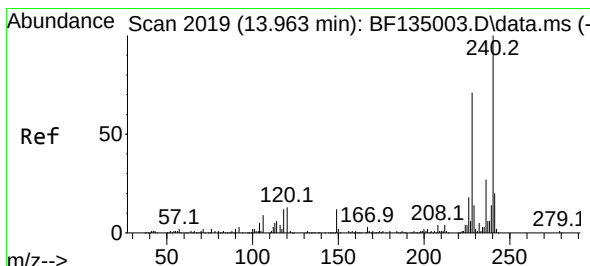
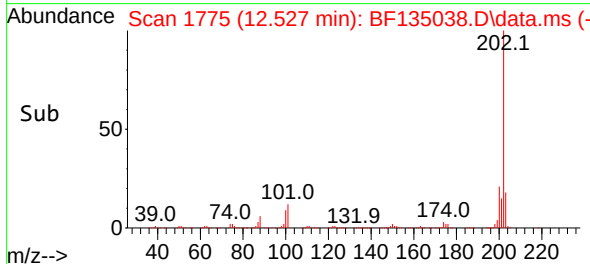
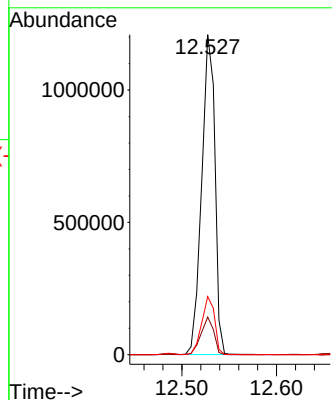
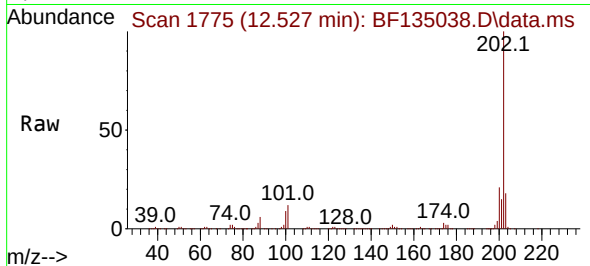




#75
Fluoranthene
Concen: 45.627 ng
RT: 12.527 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

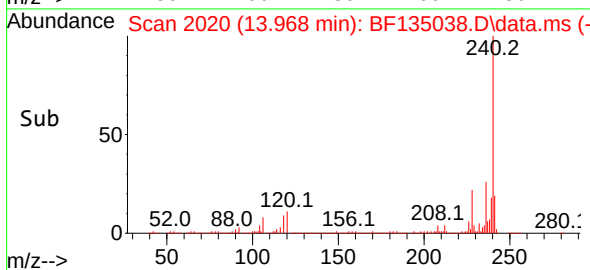
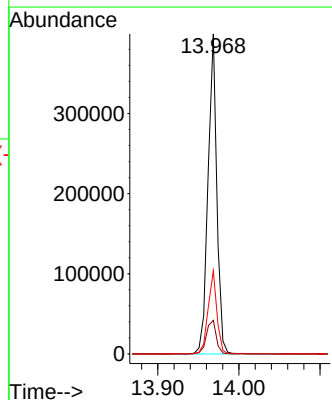
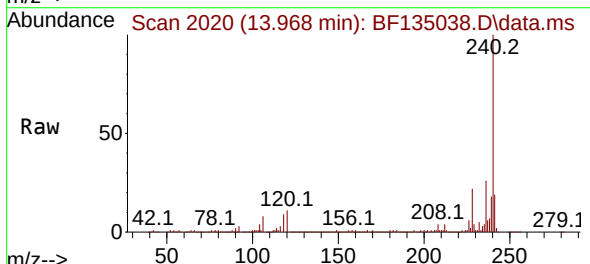
Instrument :
BNA_F
ClientSampleId :
PB155191BS

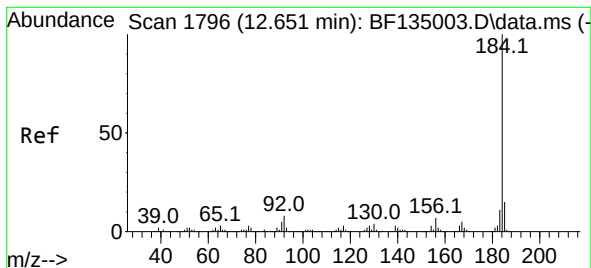
Tgt Ion:202 Resp: 1176967
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.5
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:240 Resp: 300173
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.2
236 26.0 21.3 31.9





#77

Benzidine

Concen: 112.181 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

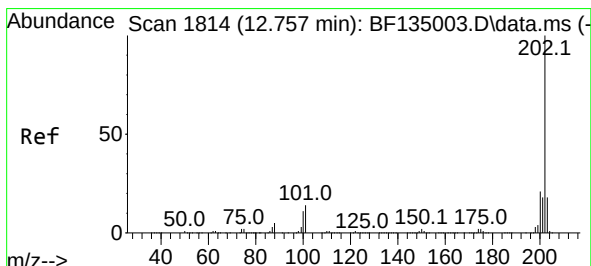
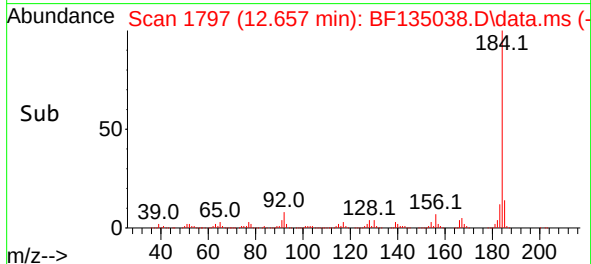
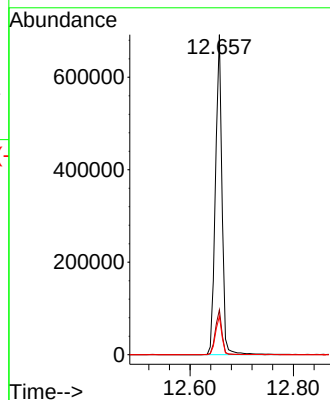
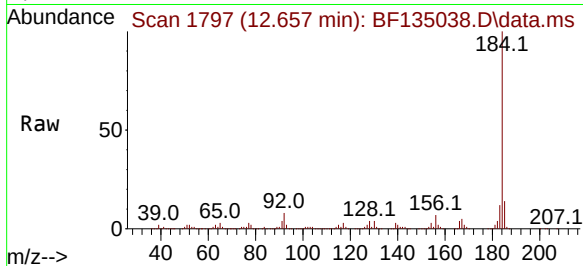
Tgt Ion:184 Resp: 607020

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 12.0 9.0 13.6



#78

Pyrene

Concen: 42.009 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

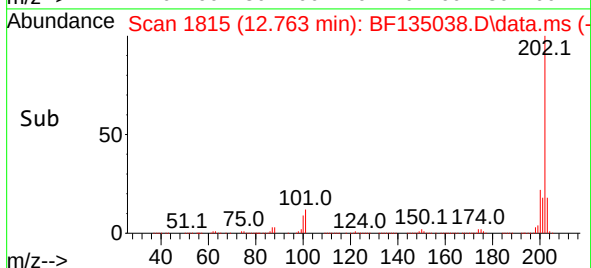
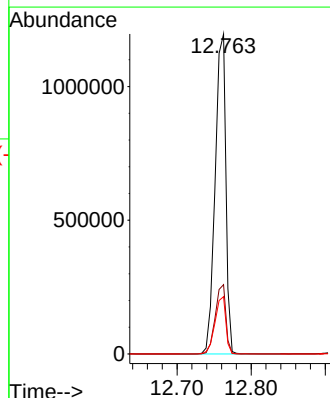
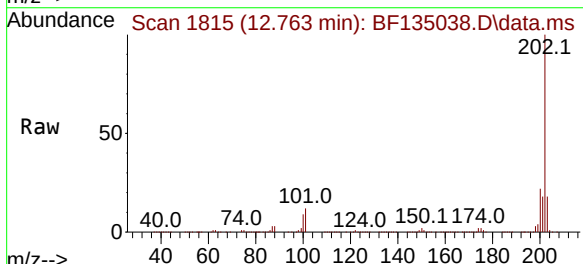
Tgt Ion:202 Resp: 1197257

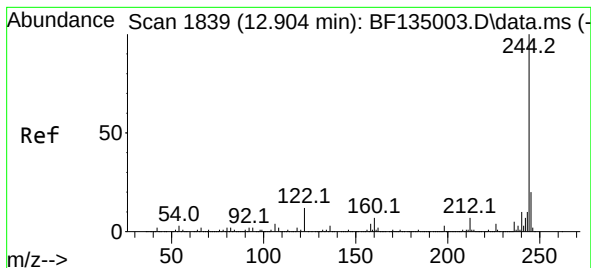
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 83.367 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

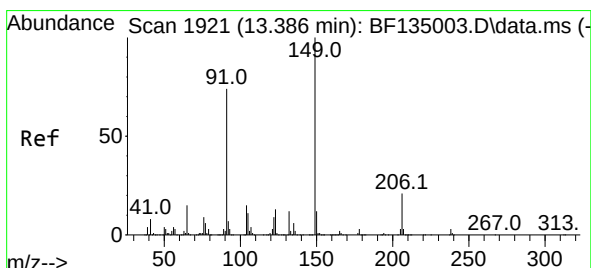
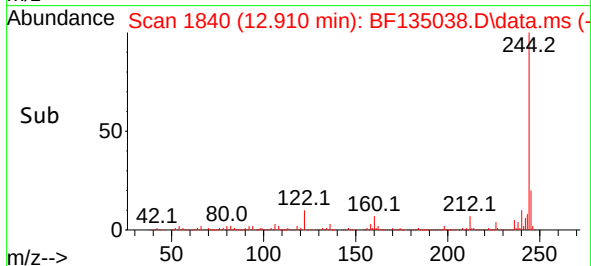
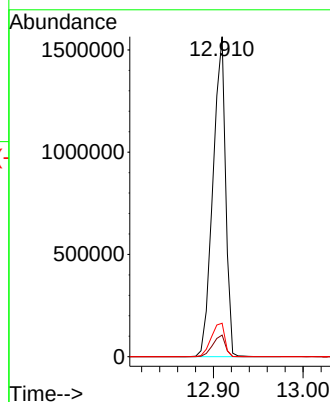
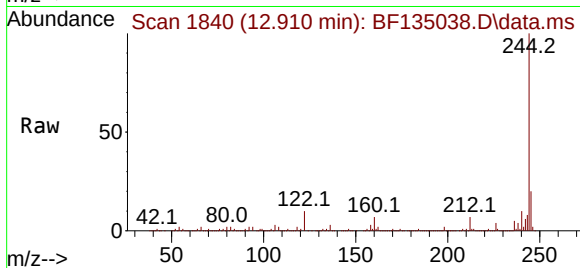
Tgt Ion:244 Resp: 1533455

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.5 9.8 14.6



#80

Butylbenzylphthalate

Concen: 46.373 ng

RT: 13.386 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

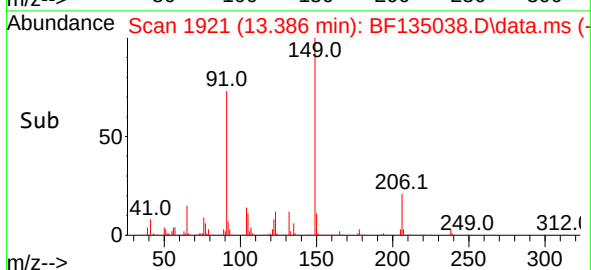
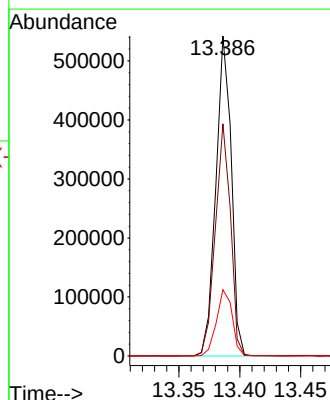
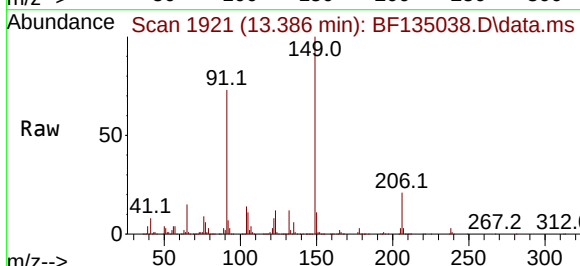
Tgt Ion:149 Resp: 477449

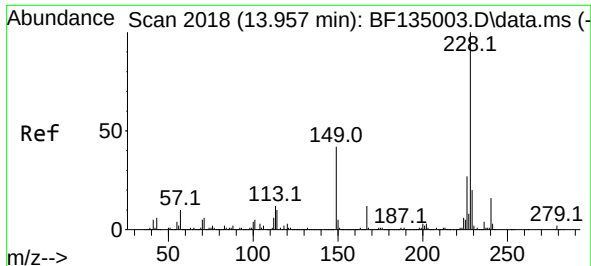
Ion Ratio Lower Upper

149 100

91 72.6 59.0 88.6

206 20.7 16.7 25.1

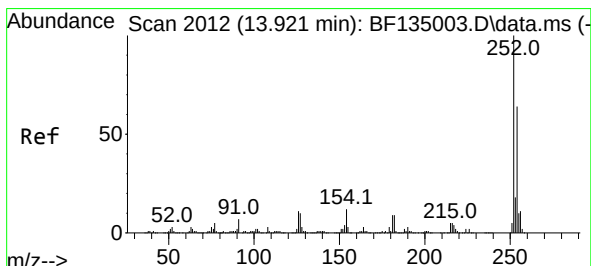
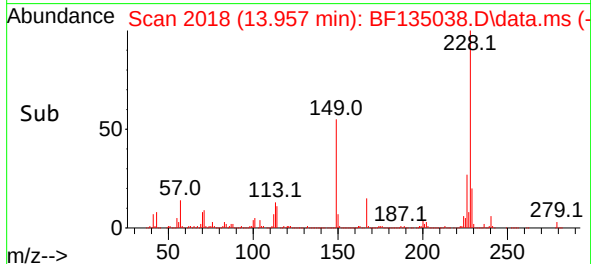
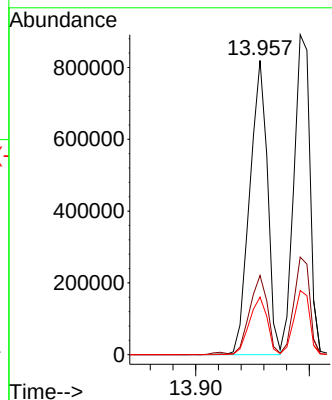
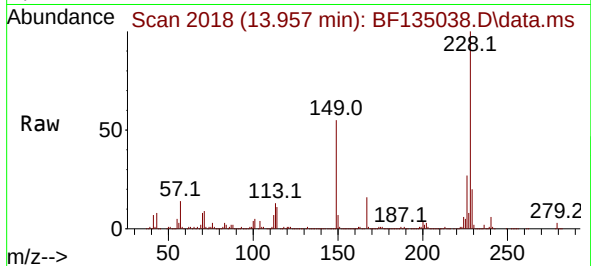




#81
Benzo(a)anthracene
Concen: 43.463 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

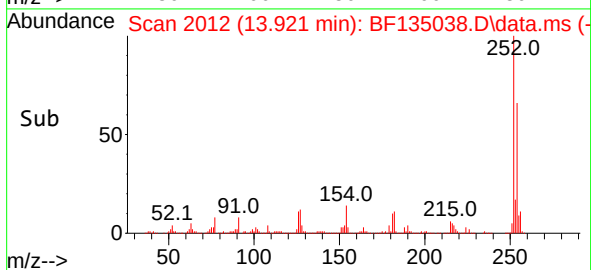
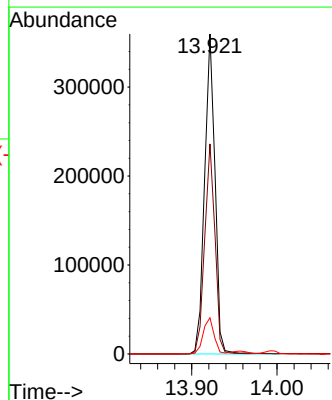
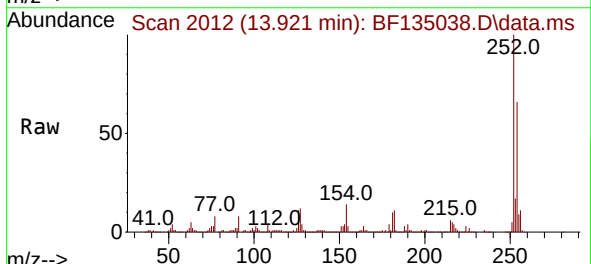
Instrument :
BNA_F
ClientSampleId :
PB155191BS

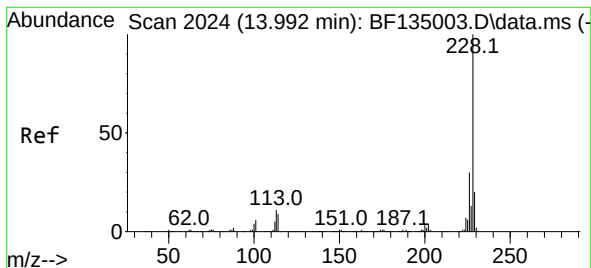
Tgt Ion:228 Resp: 889943
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 49.365 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:252 Resp: 305009
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 11.3 8.6 12.8





#83

Chrysene

Concen: 43.365 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

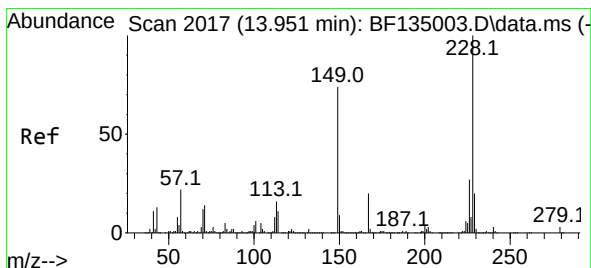
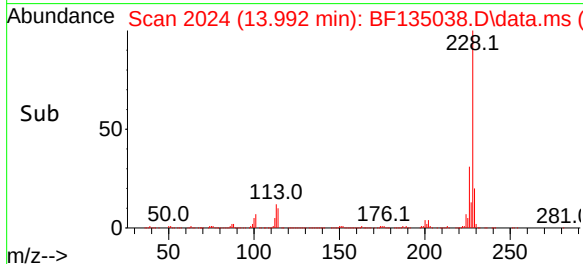
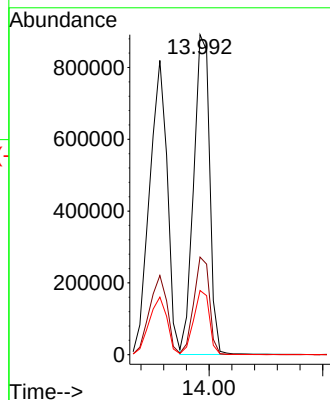
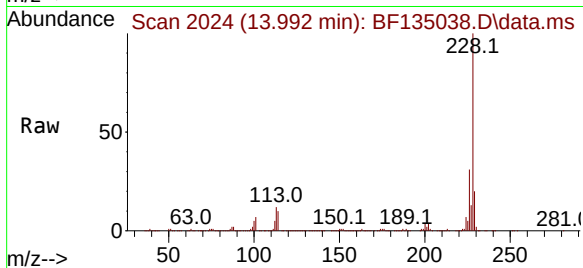
Tgt Ion:228 Resp: 872633

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.517 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

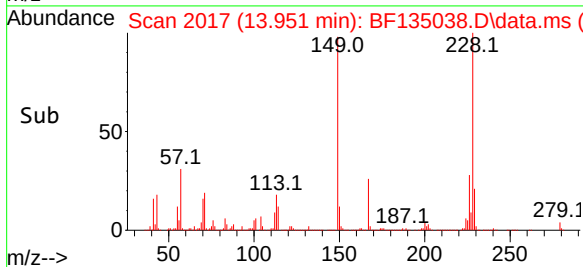
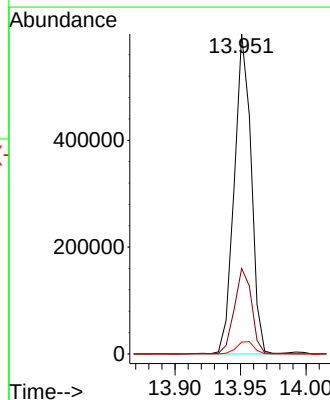
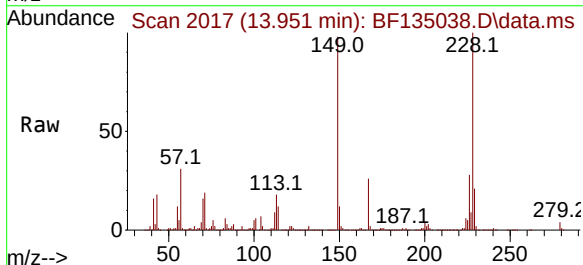
Tgt Ion:149 Resp: 538269

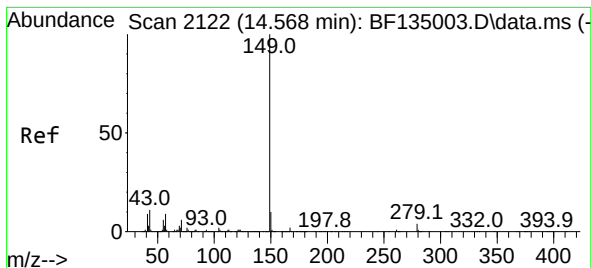
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.191 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

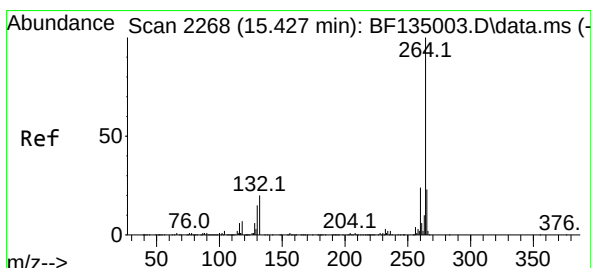
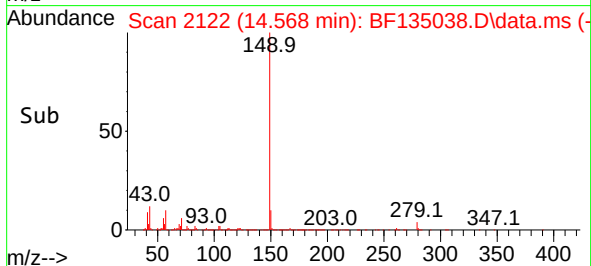
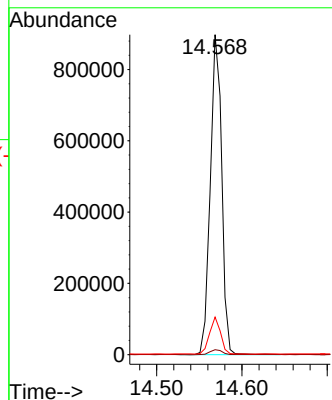
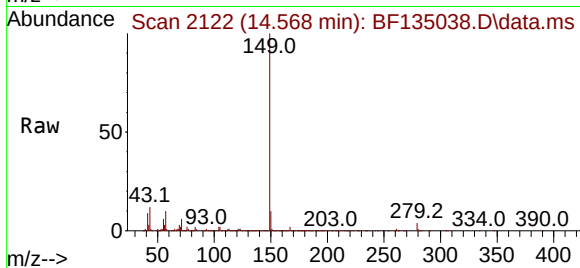
Tgt Ion:149 Resp: 832548

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

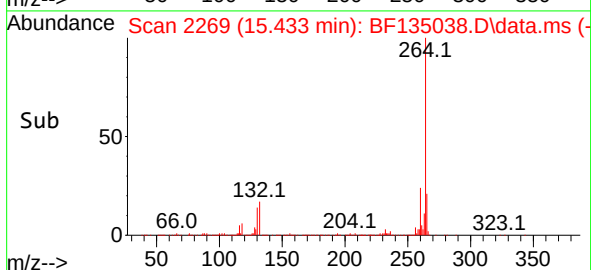
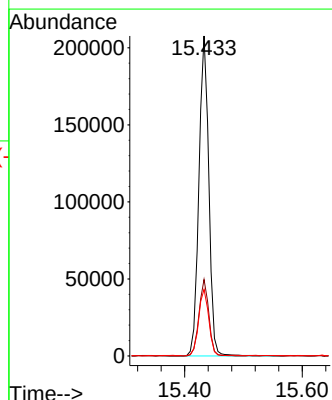
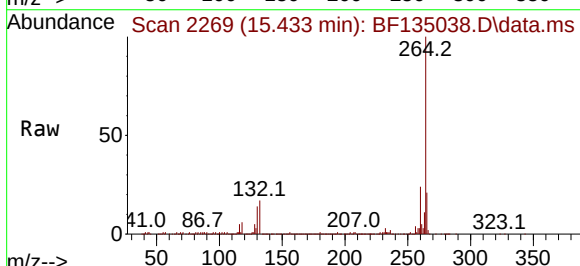
Tgt Ion:264 Resp: 241716

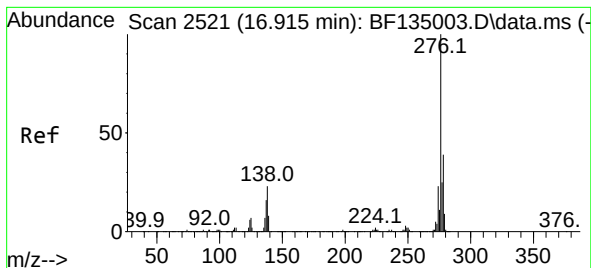
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.8 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.430 ng

RT: 16.921 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

Instrument :

BNA_F

ClientSampleId :

PB155191BS

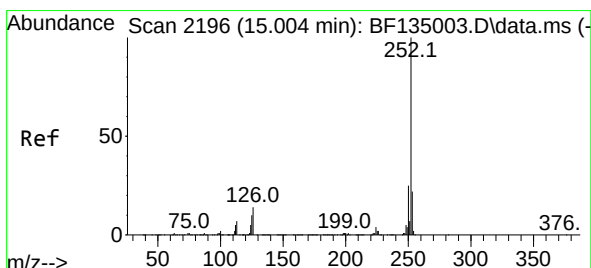
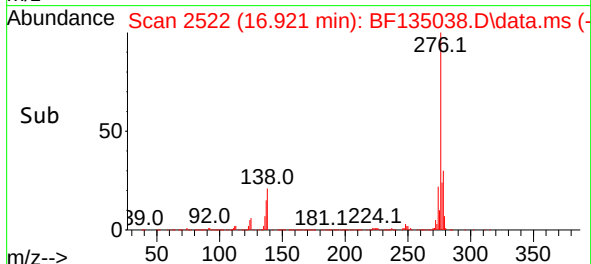
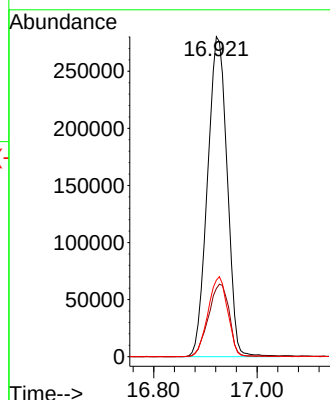
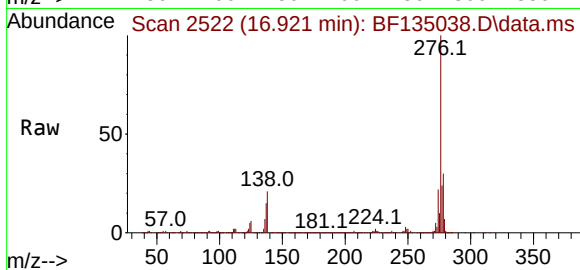
Tgt Ion:276 Resp: 739656

Ion Ratio Lower Upper

276 100

138 24.0 20.2 30.2

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.004 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF135038.D

Acq: 31 Aug 2023 13:17

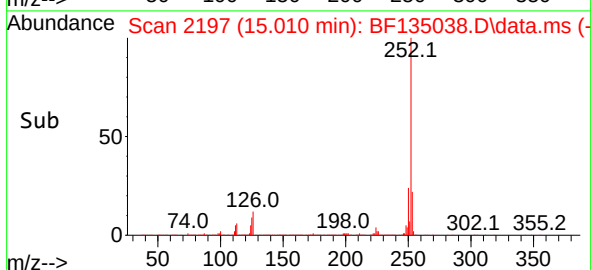
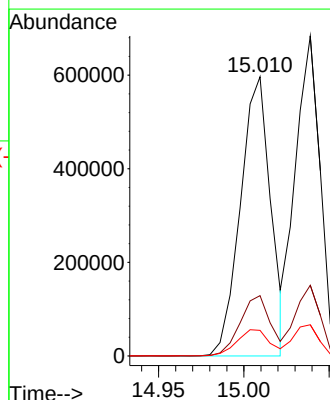
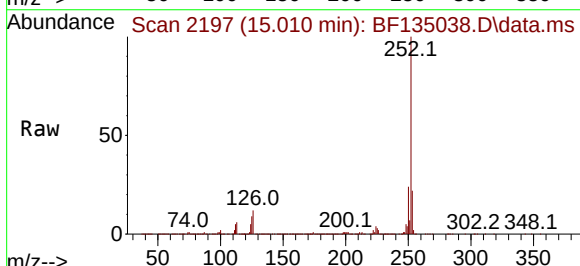
Tgt Ion:252 Resp: 737021

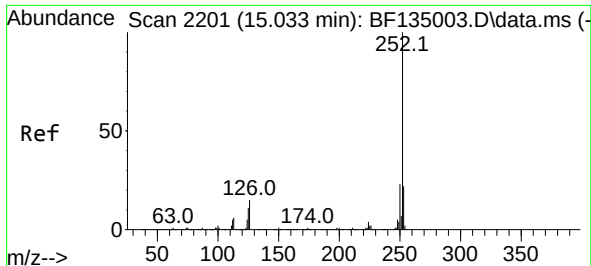
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.2 8.4 12.6

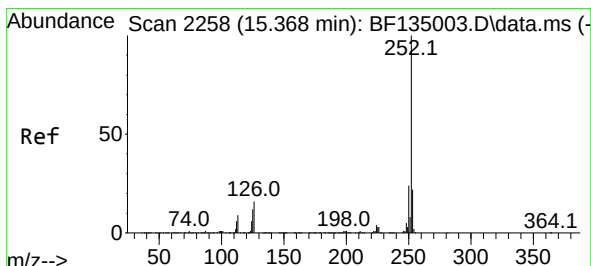
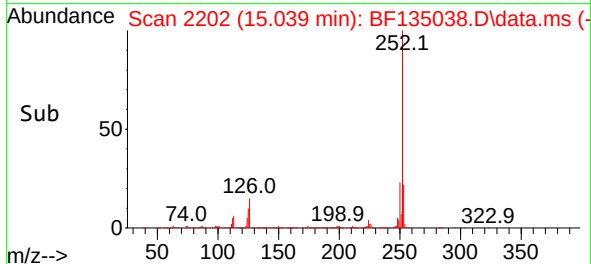
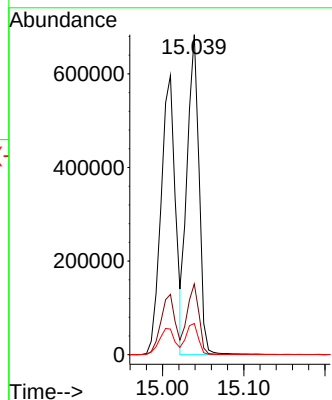
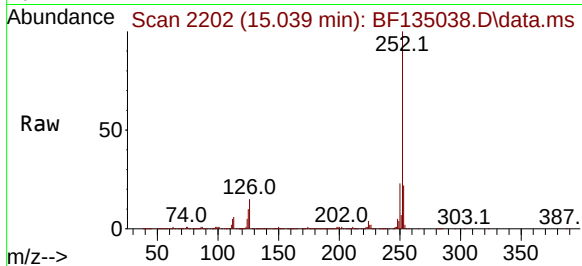




#89
Benzo(k)fluoranthene
Concen: 48.011 ng
RT: 15.039 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

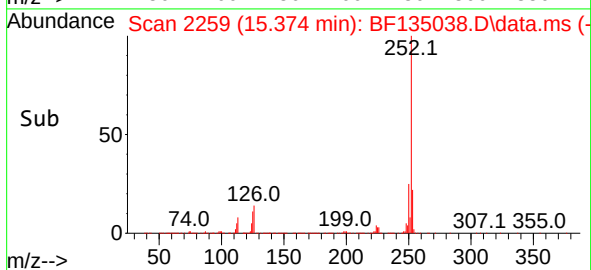
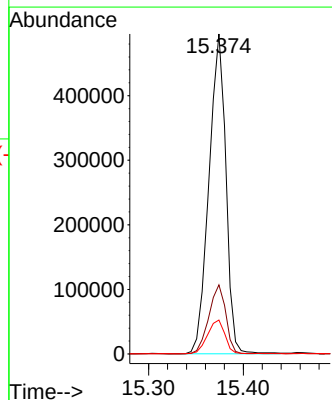
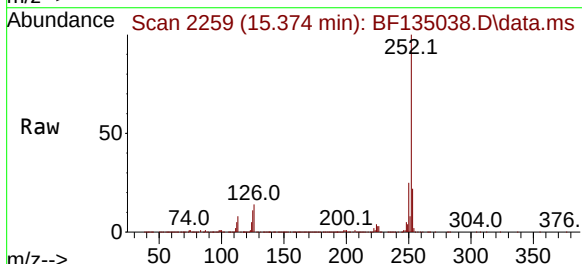
Instrument :
BNA_F
ClientSampleId :
PB155191BS

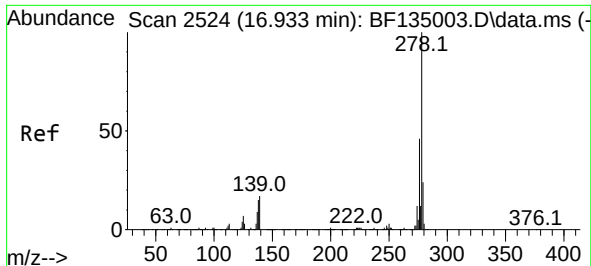
Tgt Ion:252 Resp: 697591
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.8 8.5 12.7



#90
Benzo(a)pyrene
Concen: 43.948 ng
RT: 15.374 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:252 Resp: 614023
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.6 9.5 14.3

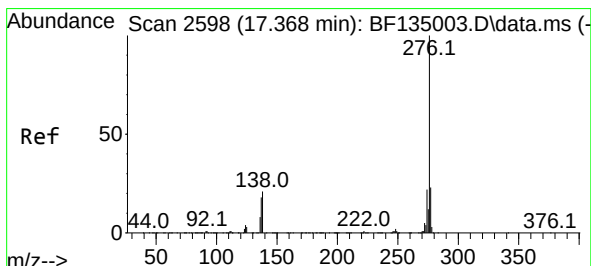
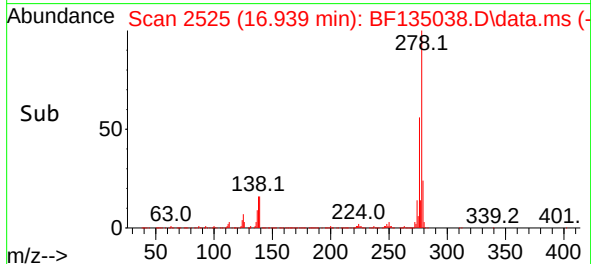
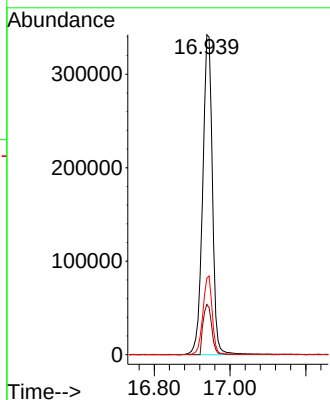
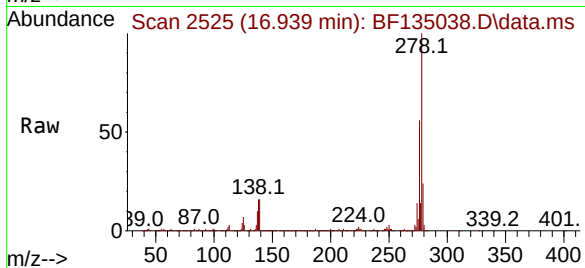




#91
Dibenzo(a,h)anthracene
Concen: 46.232 ng
RT: 16.939 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Instrument :
BNA_F
ClientSampleId :
PB155191BS

Tgt Ion:278 Resp: 609642
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 23.9 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 45.225 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF135038.D
Acq: 31 Aug 2023 13:17

Tgt Ion:276 Resp: 620242
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 21.3 17.1 25.7

