

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133748.D
 Acq On : 14 Jun 2023 12:38
 Operator : CG\JU
 Sample : PB153411BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153411BS

Quant Time: Jun 14 13:01:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	125872	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	492314	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	244228	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	461860	20.000	ng	0.00
76) Chrysene-d12	14.004	240	231708	20.000	ng	-0.01
86) Perylene-d12	15.468	264	247677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	722400	99.913	ng	0.01
7) Phenol-d6	6.469	99	852263	90.557	ng	0.00
23) Nitrobenzene-d5	7.404	82	589155	65.181	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	268308	86.789	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1063880	61.923	ng	0.00
79) Terphenyl-d14	12.951	244	1050288	70.138	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	82202	25.860	ng	95
3) Pyridine	3.363	79	231752	25.014	ng	96
4) n-Nitrosodimethylamine	3.316	42	173960	33.967	ng	99
6) Aniline	6.493	93	377336	31.832	ng	96
8) 2-Chlorophenol	6.616	128	272085	35.709	ng	96
9) Benzaldehyde	6.381	77	156926	25.132	ng	95
10) Phenol	6.481	94	332224	33.806	ng	92
11) bis(2-Chloroethyl)ether	6.569	93	252933	34.669	ng	97
12) 1,3-Dichlorobenzene	6.775	146	293704	36.077	ng	99
13) 1,4-Dichlorobenzene	6.851	146	296716	36.060	ng	97
14) 1,2-Dichlorobenzene	7.004	146	281577	37.871	ng	97
15) Benzyl Alcohol	6.975	79	251438	34.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	446269	36.084	ng	99
17) 2-Methylphenol	7.087	107	220930	32.713	ng	98
18) Hexachloroethane	7.345	117	112343	39.881	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	190343	31.788	ng	98
20) 3+4-Methylphenols	7.240	107	273732	31.157	ng	95
22) Acetophenone	7.245	105	381142	33.755	ng	96
24) Nitrobenzene	7.422	77	304054	33.407	ng	97
25) Isophorone	7.657	82	527665	31.798	ng	99
26) 2-Nitrophenol	7.734	139	147995	36.232	ng	99
27) 2,4-Dimethylphenol	7.769	122	233418	33.154	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	302196	31.509	ng	99
29) 2,4-Dichlorophenol	7.975	162	222612	32.262	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	240598	33.421	ng	99
31) Naphthalene	8.140	128	769581	32.085	ng	99
32) Benzoic acid	7.893	122	167058	37.624	ng	97
33) 4-Chloroaniline	8.187	127	256546	25.015	ng	99
34) Hexachlorobutadiene	8.251	225	151393	32.120	ng	99
35) Caprolactam	8.563	113	51380	22.129	ng	90
36) 4-Chloro-3-methylphenol	8.669	107	253954	31.930	ng	98
37) 2-Methylnaphthalene	8.828	142	507554	30.456	ng	99
38) 1-Methylnaphthalene	8.928	142	482301	31.450	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	242821	32.704	ng	99
41) Hexachlorocyclopentadiene	8.981	237	301438	91.105	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	163273	32.908	ng	95

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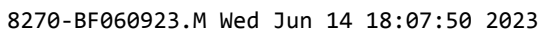
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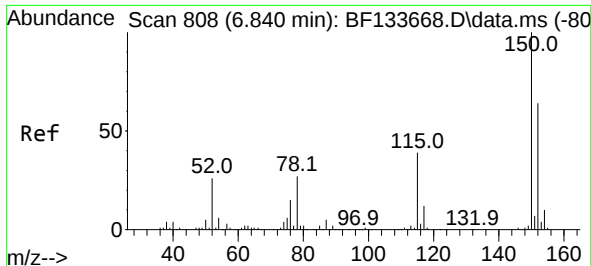
Quant Time: Jun 14 13:01:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	175159	30.346	ng	96
46) 1,1'-Biphenyl	9.292	154	637512	32.365	ng	99
47) 2-Chloronaphthalene	9.322	162	460847	32.617	ng	98
48) 2-Nitroaniline	9.416	65	172868	33.453	ng	96
49) Acenaphthylene	9.739	152	788280	32.054	ng	99
50) Dimethylphthalate	9.598	163	556840	30.546	ng	100
51) 2,6-Dinitrotoluene	9.663	165	125273	33.293	ng	95
52) Acenaphthene	9.910	154	463689	32.213	ng	99
53) 3-Nitroaniline	9.828	138	127699	27.888	ng	91
54) 2,4-Dinitrophenol	9.939	184	143977	78.424	ng	91
55) Dibenzofuran	10.081	168	702198	31.970	ng	96
56) 4-Nitrophenol	9.992	139	214304	69.346	ng	# 75
57) 2,4-Dinitrotoluene	10.069	165	169999	35.524	ng	87
58) Fluorene	10.428	166	540394	32.172	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	148473	34.357	ng	97
60) Diethylphthalate	10.298	149	573232	30.896	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	254923	30.743	ng	99
62) 4-Nitroaniline	10.445	138	144093	32.095	ng	91
63) Azobenzene	10.575	77	554442	31.567	ng	97
65) 4,6-Dinitro-2-methylph...	10.475	198	92088	41.726	ng	90
66) n-Nitrosodiphenylamine	10.534	169	487274	31.409	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	160352	31.106	ng	98
68) Hexachlorobenzene	10.969	284	180226	33.247	ng	98
69) Atrazine	11.063	200	159363	35.403	ng	97
70) Pentachlorophenol	11.169	266	195285	60.161	ng	98
71) Phenanthrene	11.386	178	771223	32.913	ng	99
72) Anthracene	11.439	178	779724	31.913	ng	99
73) Carbazole	11.598	167	733722	32.243	ng	99
74) Di-n-butylphthalate	11.922	149	823454	28.227	ng	99
75) Fluoranthene	12.575	202	781032	31.387	ng	97
77) Benzidine	12.698	184	441167	56.740	ng	99
78) Pyrene	12.810	202	779772	36.127	ng	100
80) Butylbenzylphthalate	13.422	149	262628	28.821	ng	95
81) Benzo(a)anthracene	13.998	228	534023	33.320	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	165524	31.064	ng	98
83) Chrysene	14.033	228	494231	32.603	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	287606	25.634	ng	99
85) Di-n-octyl phthalate	14.598	149	458981	28.787	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	645457	37.880	ng	99
88) Benzo(b)fluoranthene	15.039	252	511181	33.976	ng	99
89) Benzo(k)fluoranthene	15.074	252	454085	30.983	ng	98
90) Benzo(a)pyrene	15.404	252	437111	31.304	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	519115	36.799	ng	98
92) Benzo(g,h,i)perylene	17.380	276	538390	38.493	ng	98

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

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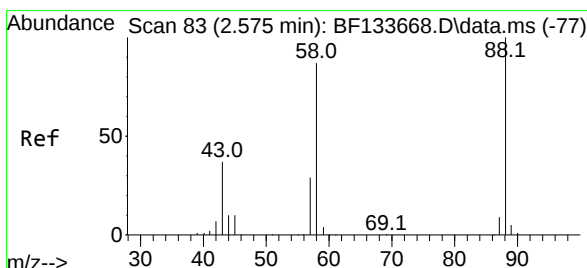
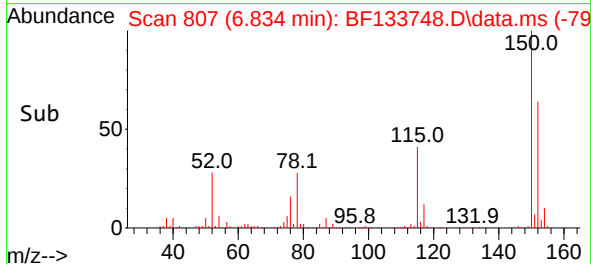
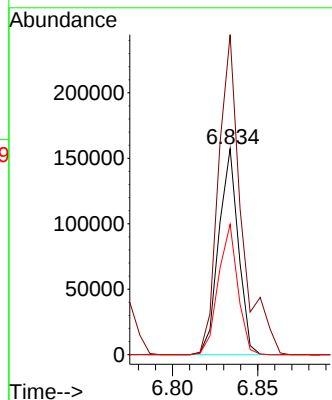
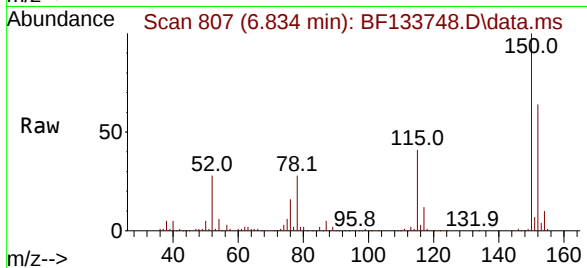




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

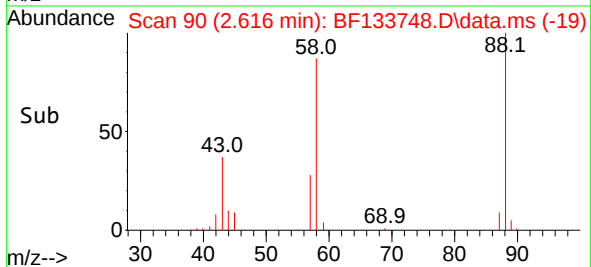
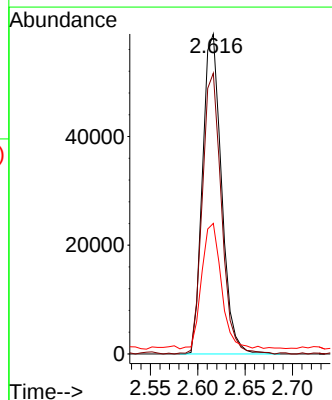
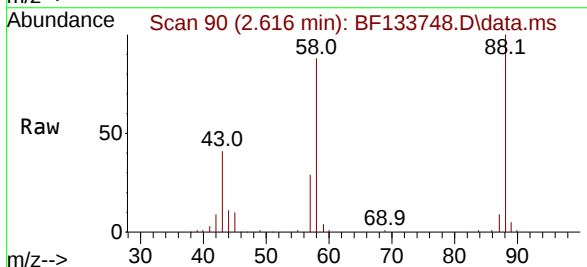
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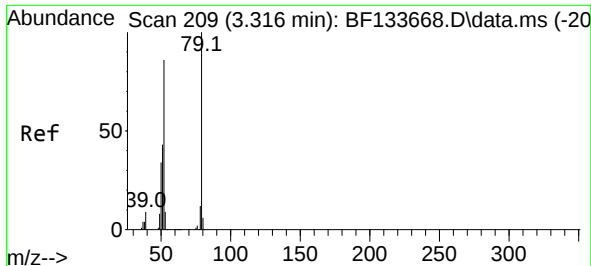
Tgt Ion:152 Resp: 125872
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.3 186.5
 115 63.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 25.860 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.065 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

Tgt Ion: 88 Resp: 82202
 Ion Ratio Lower Upper
 88 100
 58 88.5 67.8 101.6
 43 41.0 29.8 44.6





#3

Pyridine

Concen: 25.014 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.059 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

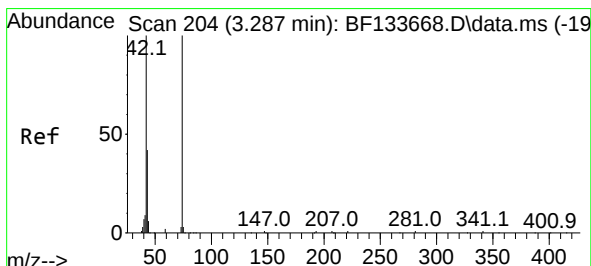
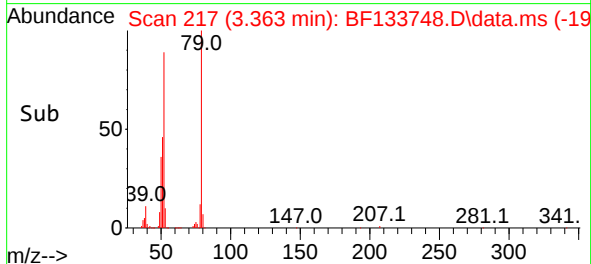
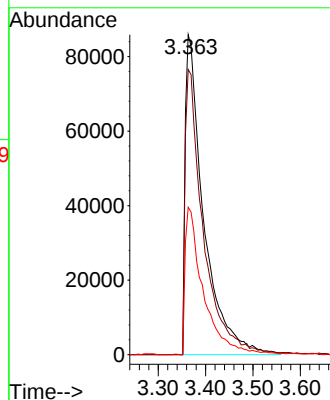
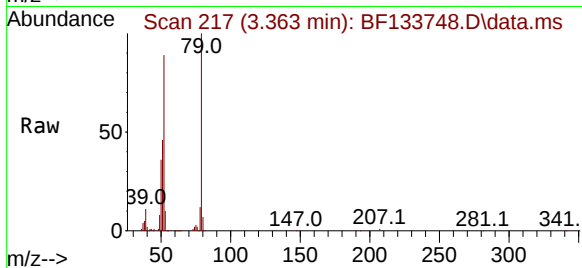
BNA_F

ClientSampleId :

PB153411BS

Tgt Ion: 79 Resp: 231752

Ion	Ratio	Lower	Upper
79	100		
52	89.1	68.6	102.8
51	46.0	34.8	52.2



#4

n-Nitrosodimethylamine

Concen: 33.967 ng

RT: 3.316 min Scan# 209

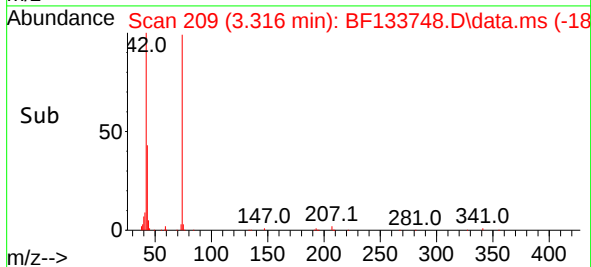
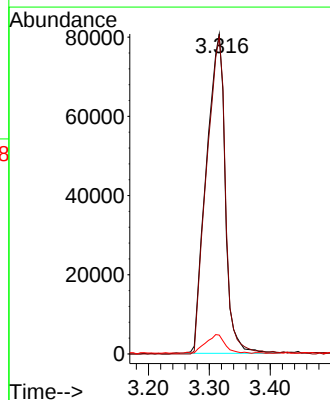
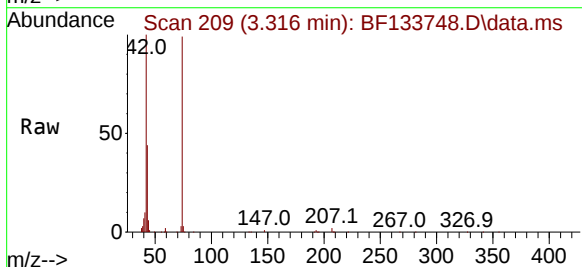
Delta R.T. 0.059 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Tgt Ion: 42 Resp: 173960

Ion	Ratio	Lower	Upper
42	100		
74	99.1	79.8	119.8
44	5.9	4.7	7.1

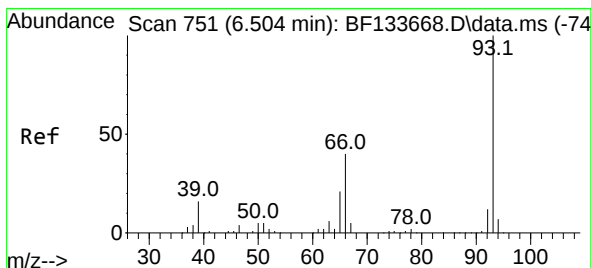
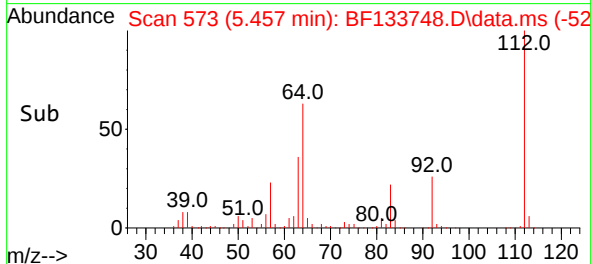
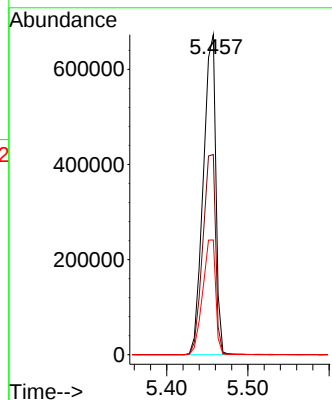
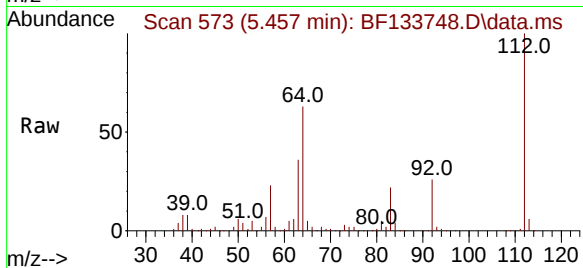




#5
2-Fluorophenol
Concen: 99.913 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

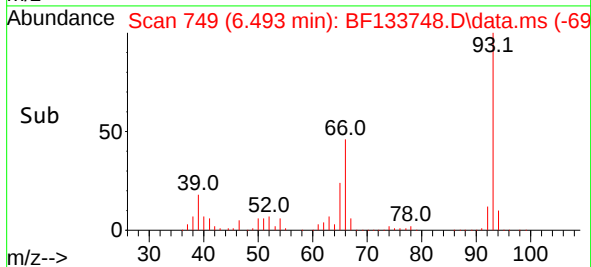
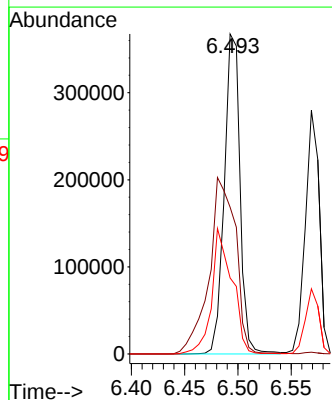
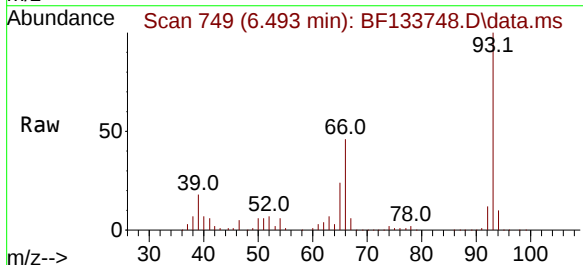
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:112 Resp: 722400
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.4
63 35.9 26.8 40.2



#6
Aniline
Concen: 31.832 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion: 93 Resp: 377336
Ion Ratio Lower Upper
93 100
66 45.8 34.4 51.6
65 23.8 17.5 26.3





#7

Phenol-d6

Concen: 90.557 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

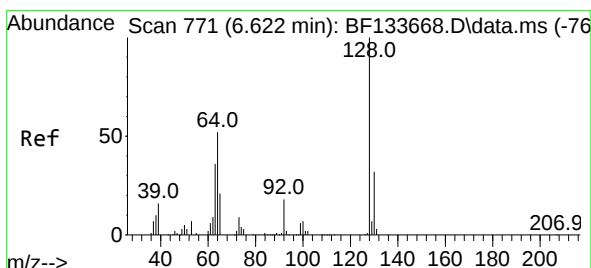
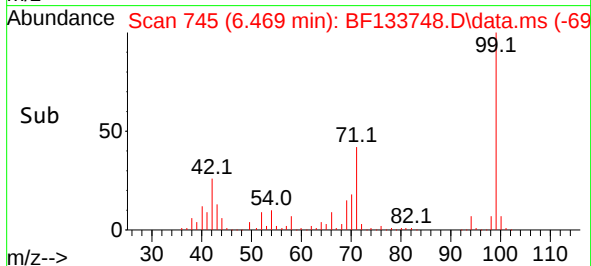
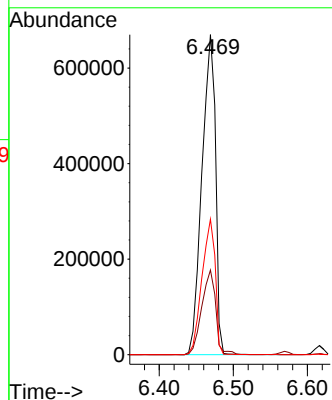
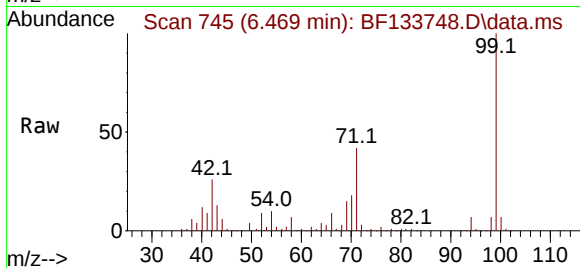
Tgt Ion: 99 Resp: 852263

Ion Ratio Lower Upper

99 100

42 26.4 19.9 29.9

71 42.3 32.2 48.4



#8

2-Chlorophenol

Concen: 35.709 ng

RT: 6.616 min Scan# 770

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

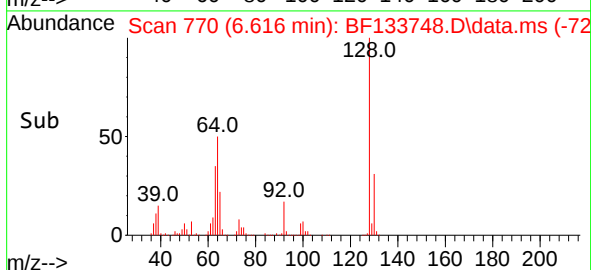
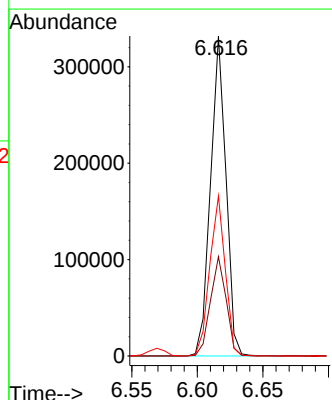
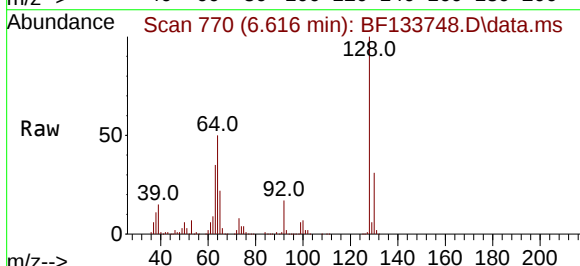
Tgt Ion: 128 Resp: 272085

Ion Ratio Lower Upper

128 100

130 31.0 12.3 52.3

64 50.0 33.1 73.1

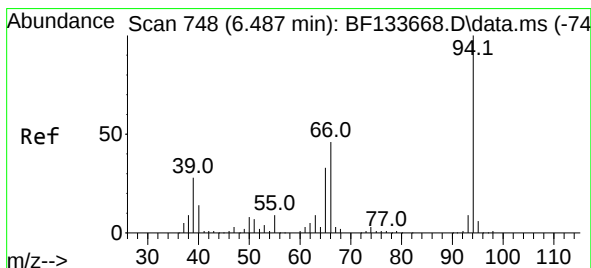
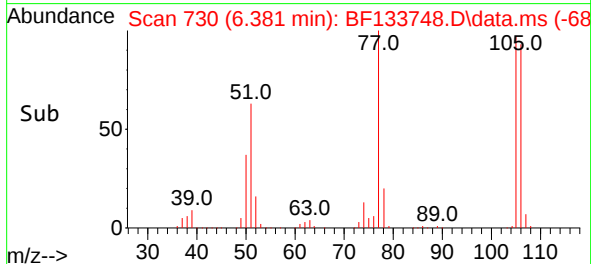
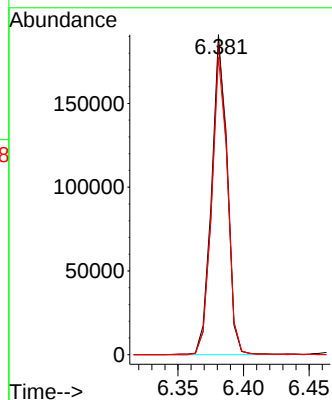
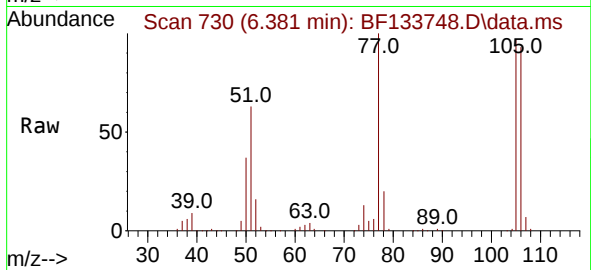




#9
Benzaldehyde
Concen: 25.132 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

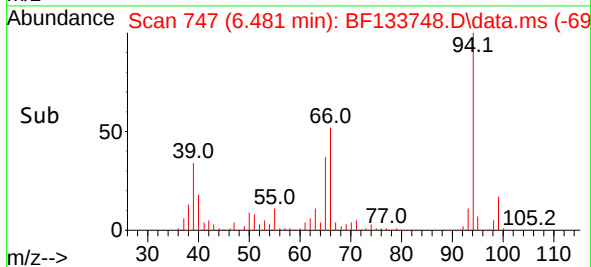
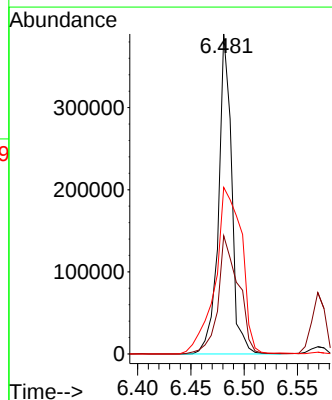
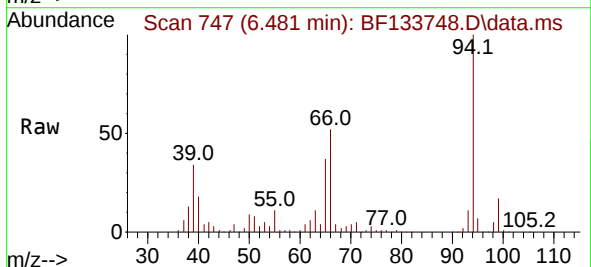
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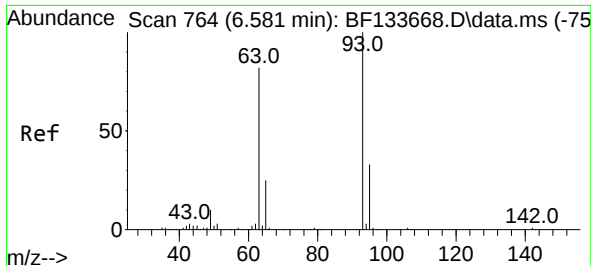
Tgt Ion: 77 Resp: 156926
Ion Ratio Lower Upper
77 100
105 97.3 82.0 122.0
106 93.0 77.6 117.6



#10
Phenol
Concen: 33.806 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion: 94 Resp: 332224
Ion Ratio Lower Upper
94 100
65 37.0 13.2 53.2
66 52.0 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 34.669 ng

RT: 6.569 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

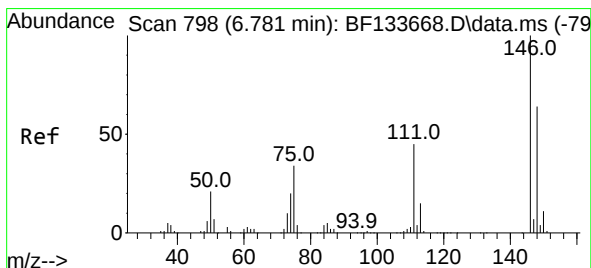
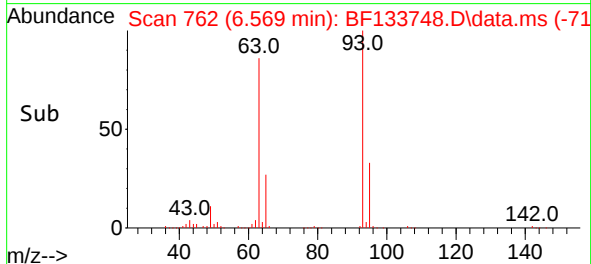
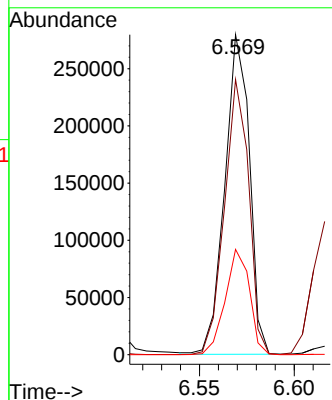
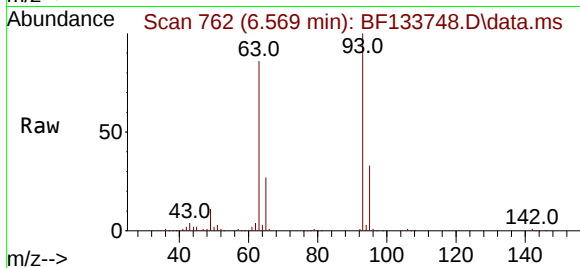
Tgt Ion: 93 Resp: 252933

Ion Ratio Lower Upper

93 100

63 86.0 62.1 102.1

95 32.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 36.077 ng

RT: 6.775 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

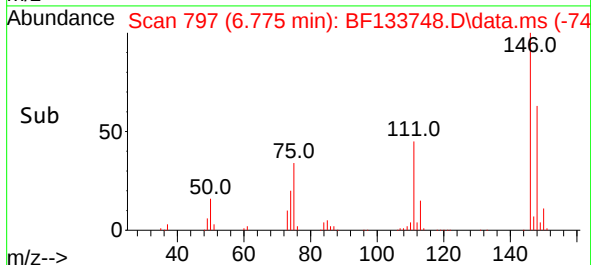
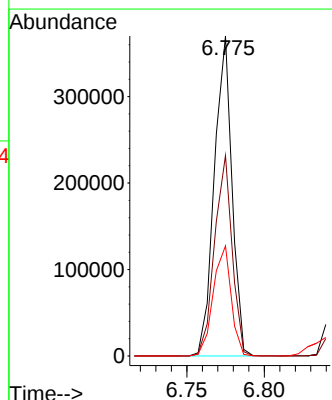
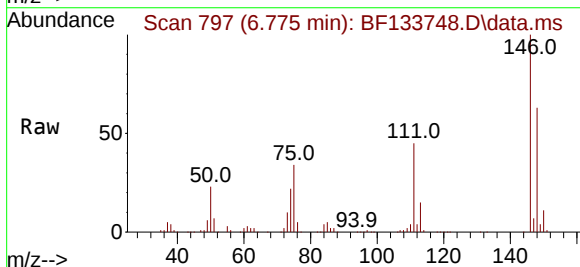
Tgt Ion:146 Resp: 293704

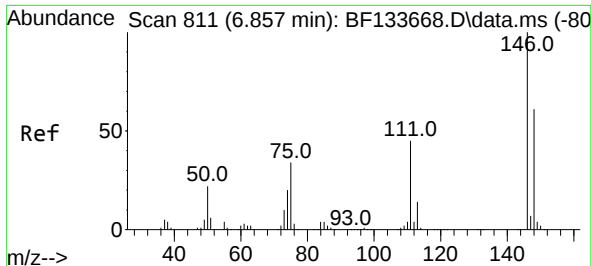
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

75 34.4 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 36.060 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

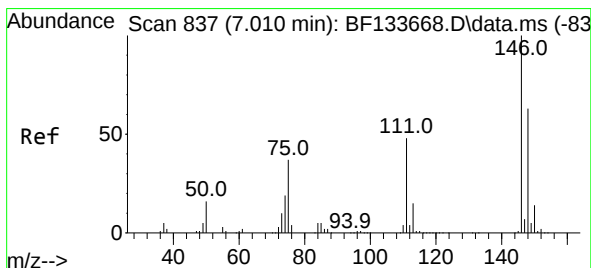
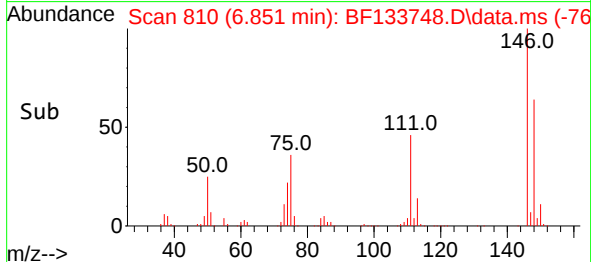
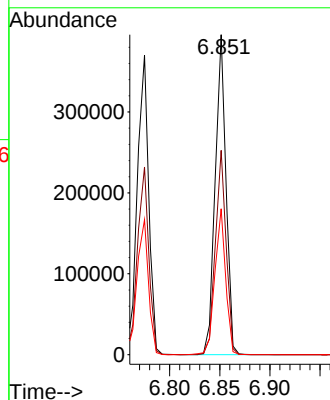
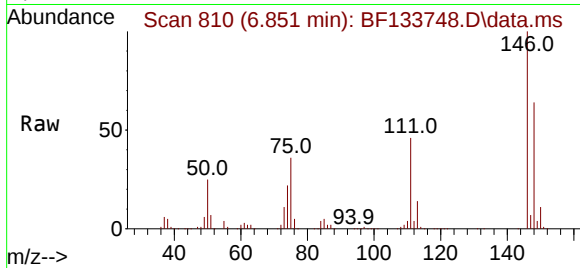
Tgt Ion:146 Resp: 296716

Ion Ratio Lower Upper

146 100

148 63.9 48.9 73.3

111 45.6 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 37.871 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

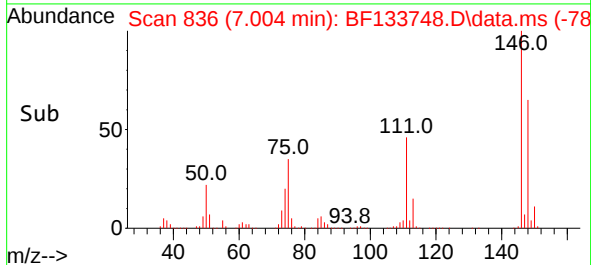
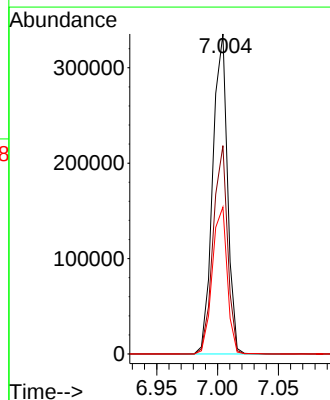
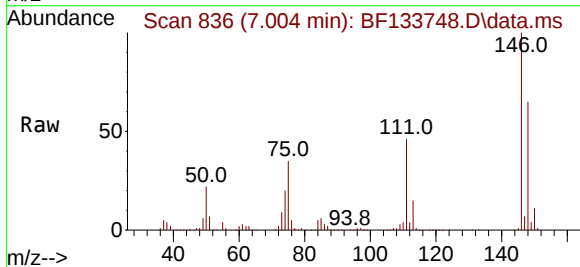
Tgt Ion:146 Resp: 281577

Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

111 45.9 38.7 58.1

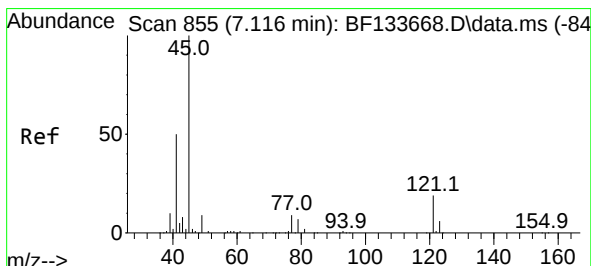
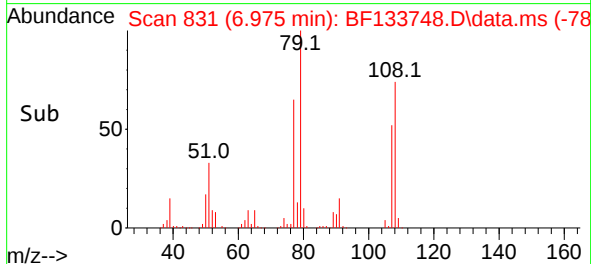
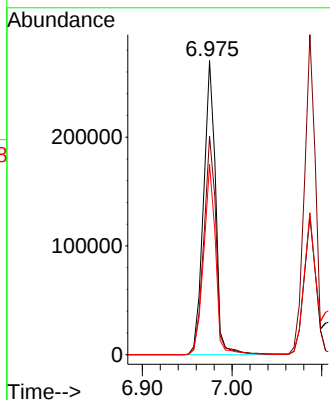
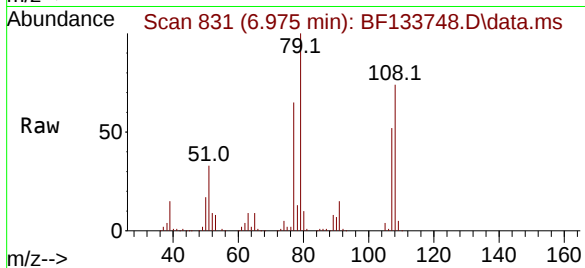




#15
Benzyl Alcohol
Concen: 34.206 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

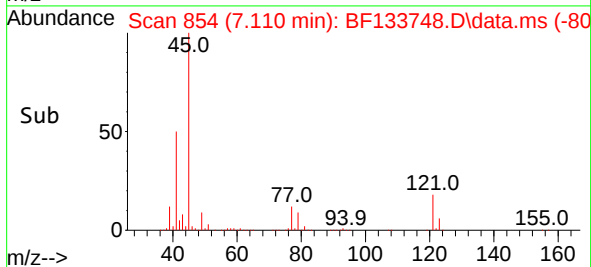
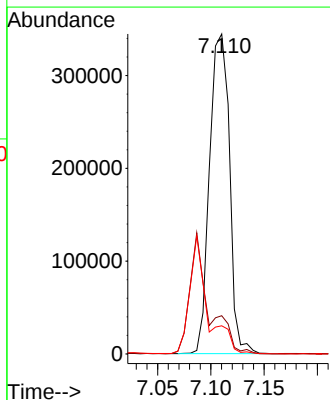
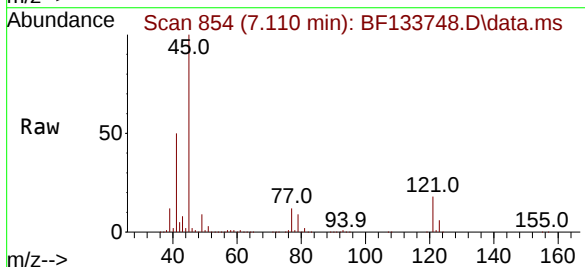
Instrument :
BNA_F
ClientSampleId :
PB153411BS

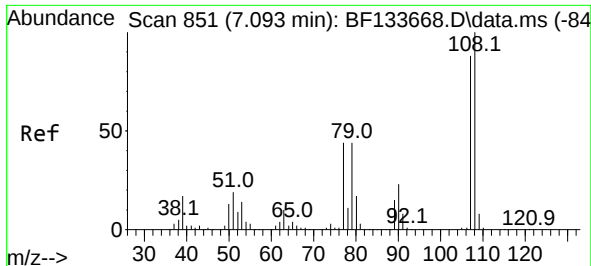
Tgt Ion: 79 Resp: 251438
Ion Ratio Lower Upper
79 100
108 74.3 57.9 86.9
77 64.7 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.084 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion: 45 Resp: 446269
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 8.8 0.0 29.4

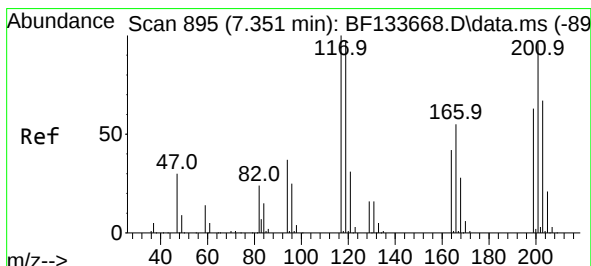
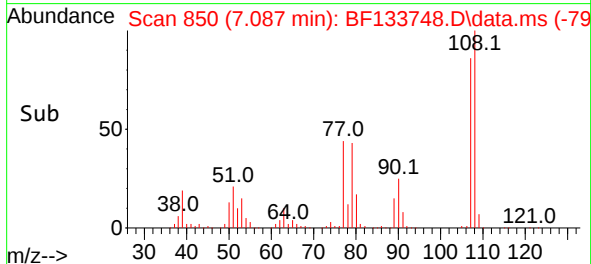
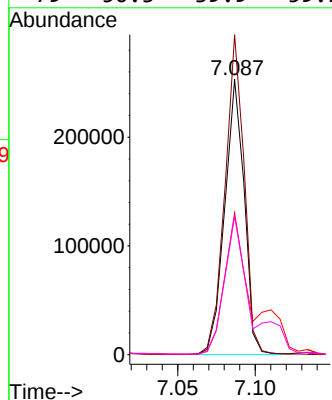
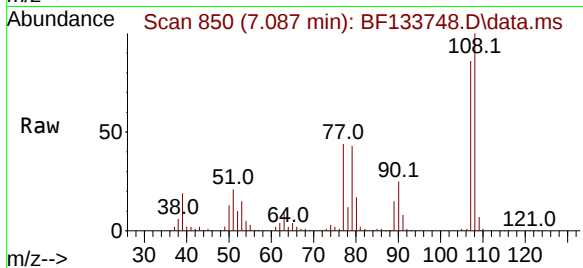




#17
2-Methylphenol
Concen: 32.713 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

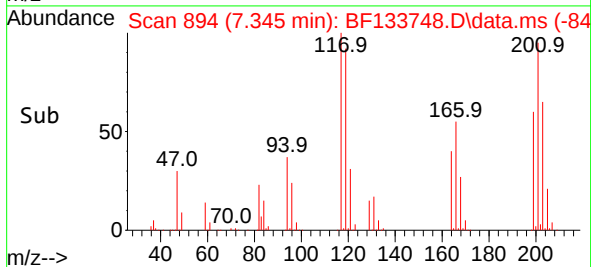
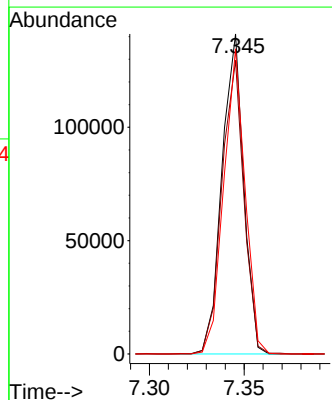
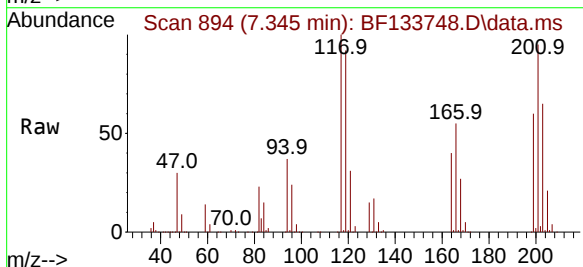
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:	107	Resp:	220930
Ion	Ratio	Lower	Upper
107	100		
108	116.2	90.9	136.3
77	51.5	39.8	59.6
79	50.3	39.9	59.9



#18
Hexachloroethane
Concen: 39.881 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:	117	Resp:	112343
Ion	Ratio	Lower	Upper
117	100		
119	91.7	77.3	115.9
201	95.4	76.8	115.2

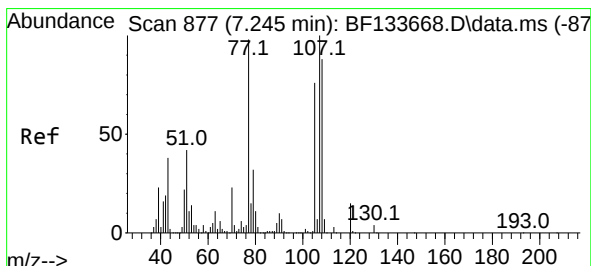
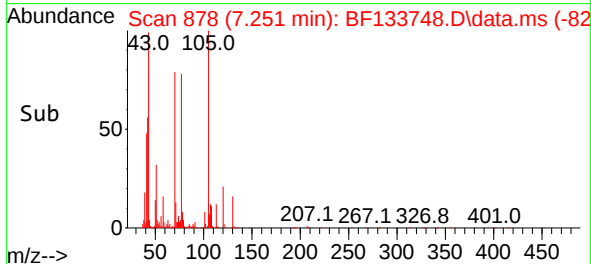
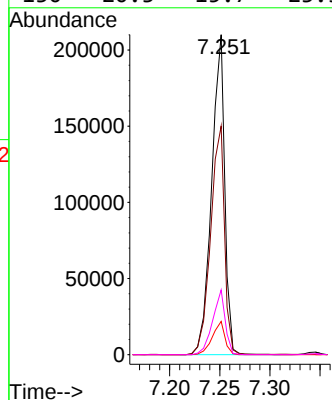
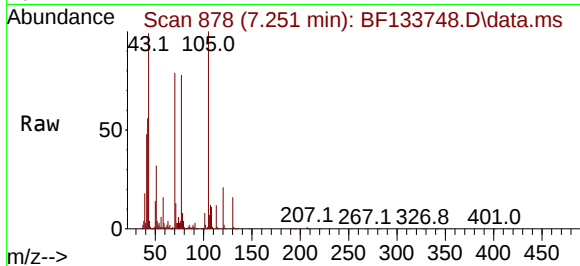




#19
n-Nitroso-di-n-propylamine
Concen: 31.788 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

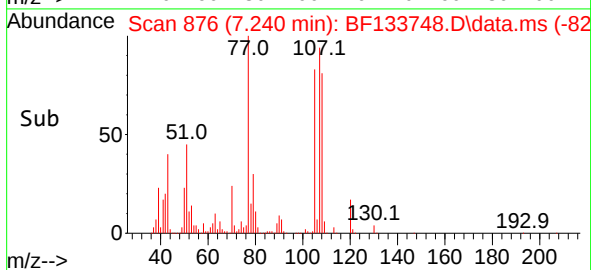
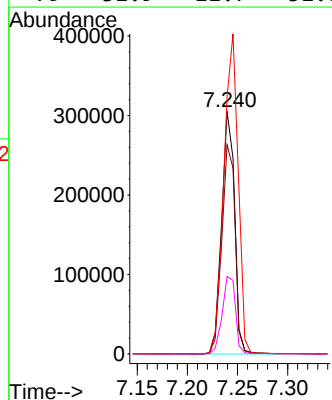
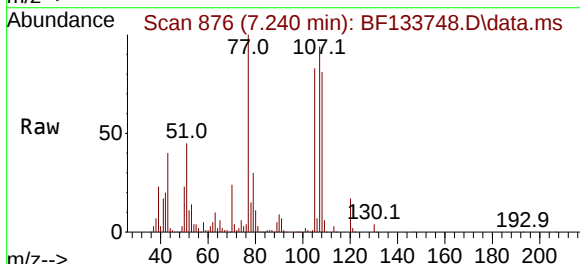
Instrument :
BNA_F
ClientSampleId :
PB153411BS

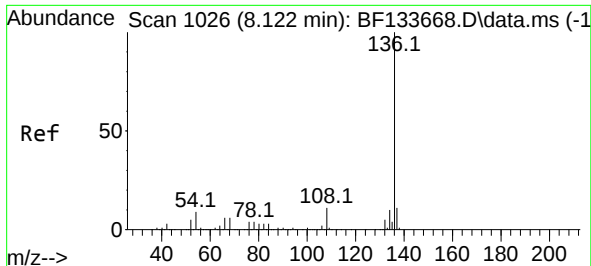
Tgt Ion:	70	Resp:	190343
Ion	Ratio	Lower	Upper
70	100		
42	71.4	55.8	83.8
101	10.4	8.1	12.1
130	20.3	15.7	23.5



#20
3+4-Methylphenols
Concen: 31.157 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:	107	Resp:	273732
Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.9	107.9
77	106.0	77.7	117.7
79	31.9	11.7	51.7

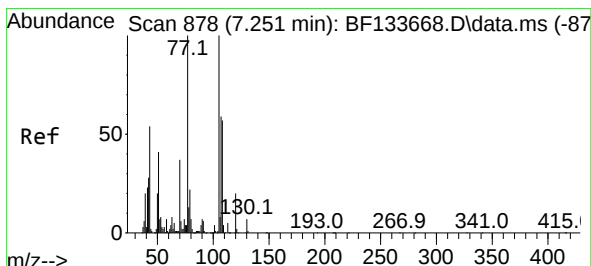
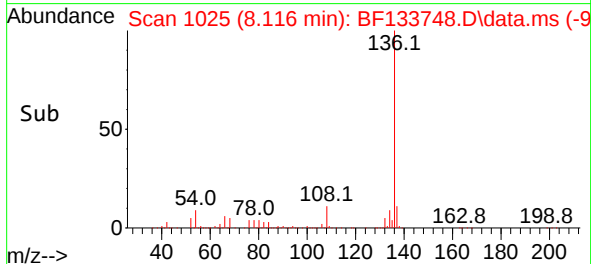
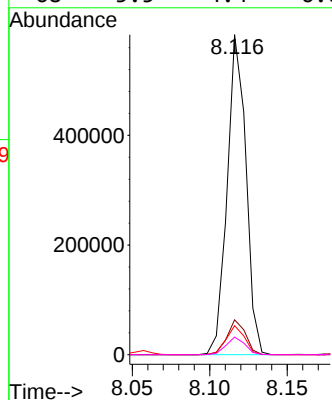
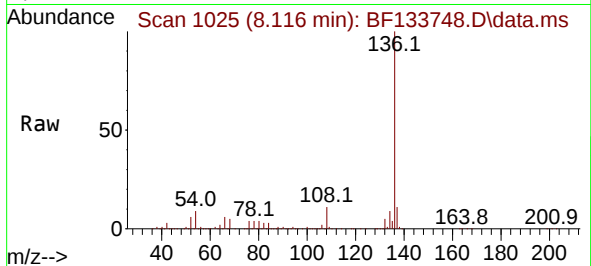




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

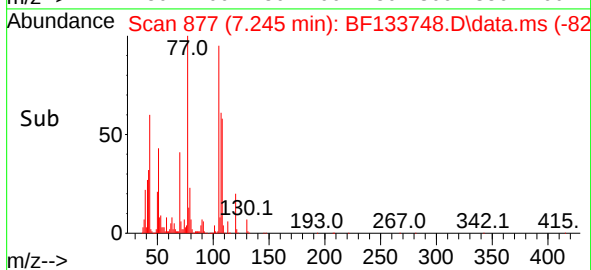
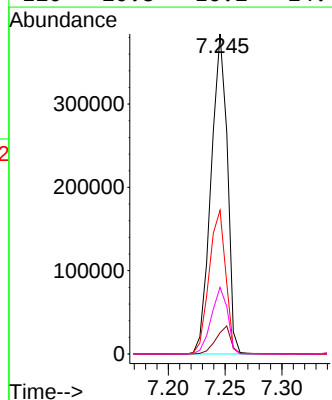
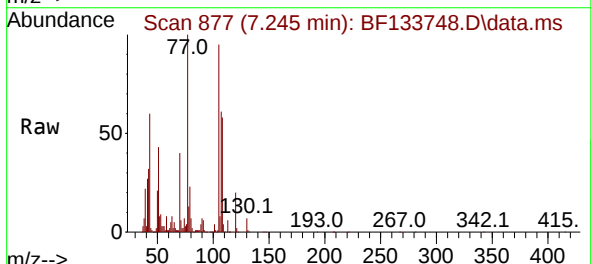
Instrument :
BNA_F
ClientSampleId :
PB153411BS

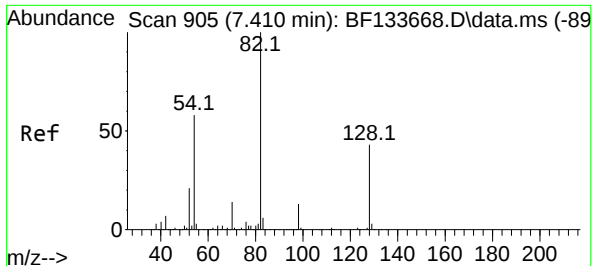
Tgt Ion:136 Resp: 492314
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.1 7.4 11.0
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 33.755 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:105 Resp: 381142
Ion Ratio Lower Upper
105 100
71 6.7 4.8 7.2
51 44.9 33.0 49.4
120 20.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 65.181 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

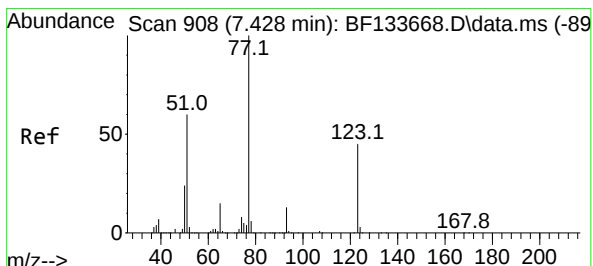
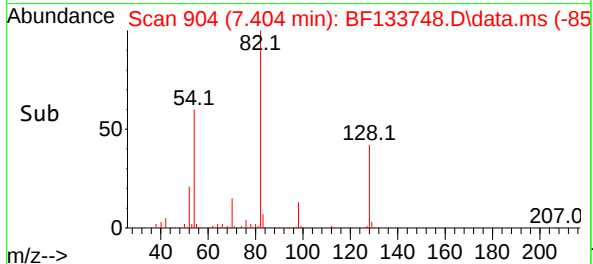
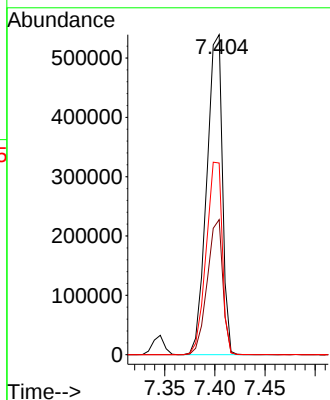
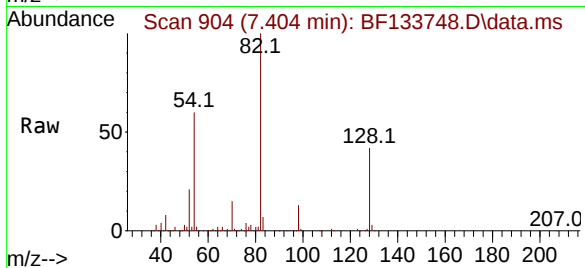
Tgt Ion: 82 Resp: 589155

Ion Ratio Lower Upper

82 100

128 42.2 34.2 51.2

54 59.9 46.5 69.7



#24

Nitrobenzene

Concen: 33.407 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

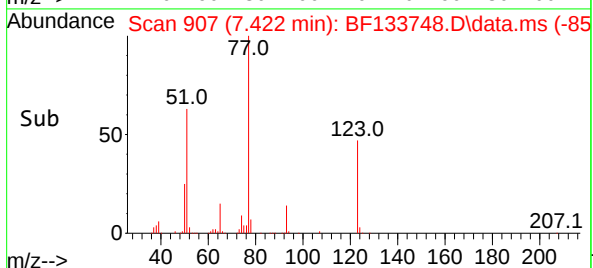
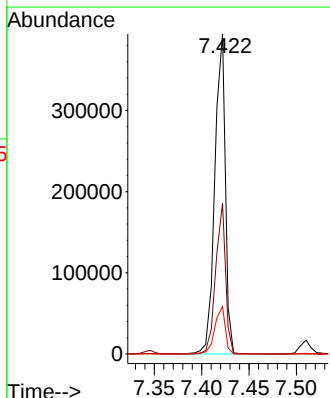
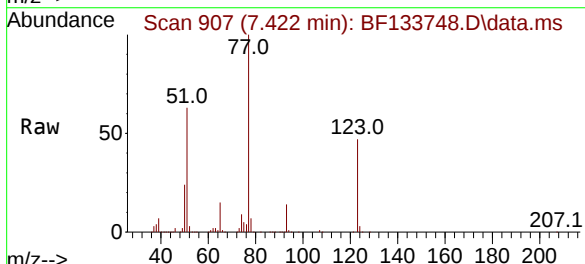
Tgt Ion: 77 Resp: 304054

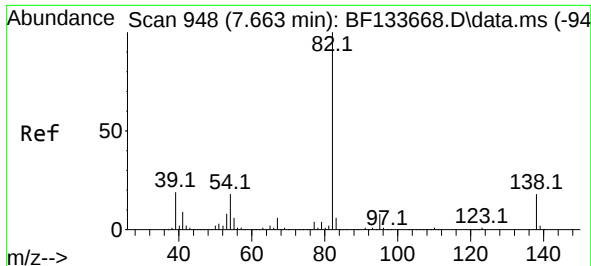
Ion Ratio Lower Upper

77 100

123 47.1 35.8 53.8

65 14.8 11.6 17.4

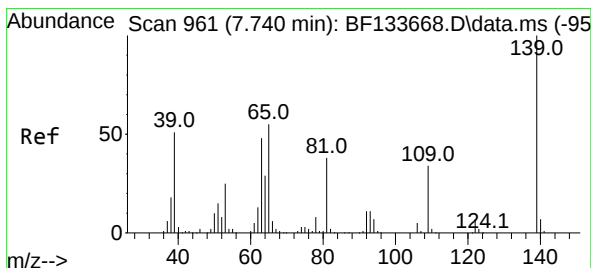
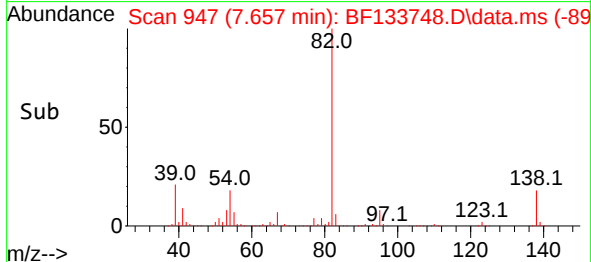
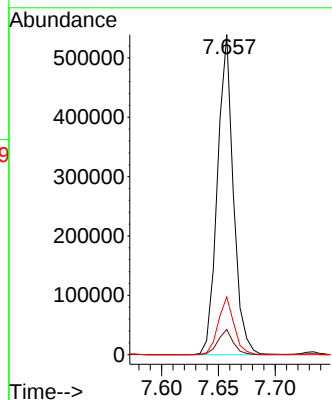
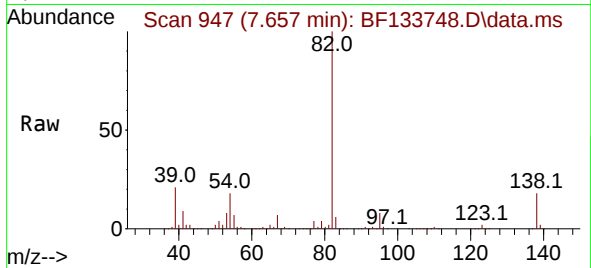




#25
Isophorone
Concen: 31.798 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

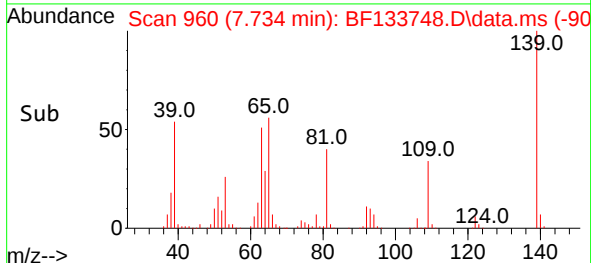
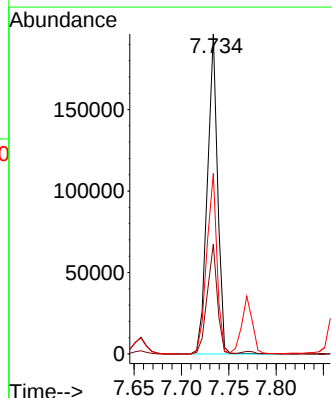
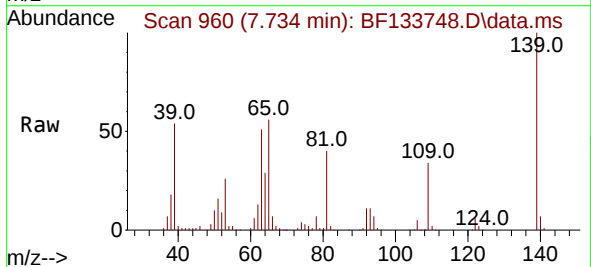
Instrument :
BNA_F
ClientSampleId :
PB153411BS

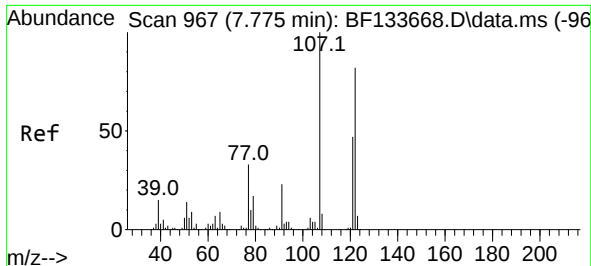
Tgt Ion: 82 Resp: 527665
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 36.232 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:139 Resp: 147995
Ion Ratio Lower Upper
139 100
109 34.3 27.0 40.6
65 56.4 44.2 66.4

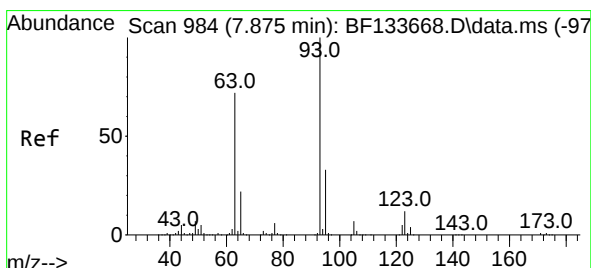
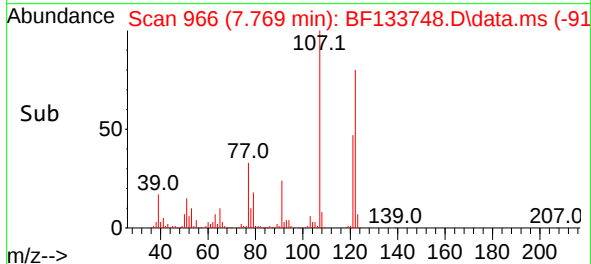
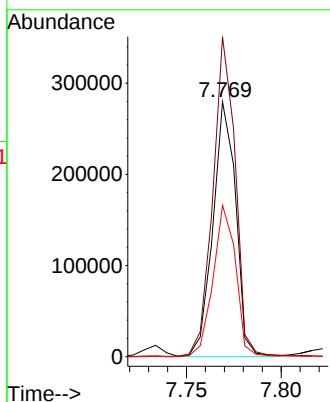
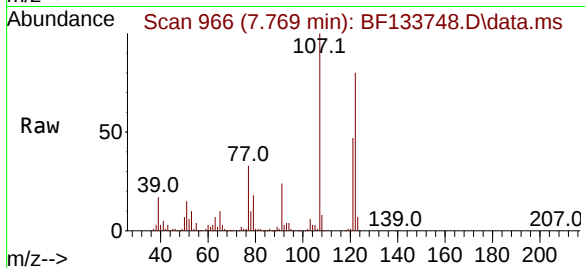




#27
2,4-Dimethylphenol
Concen: 33.154 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

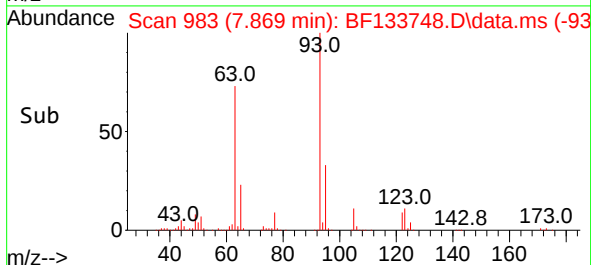
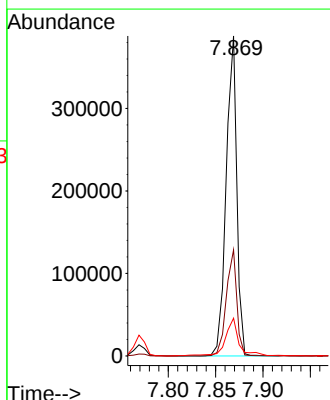
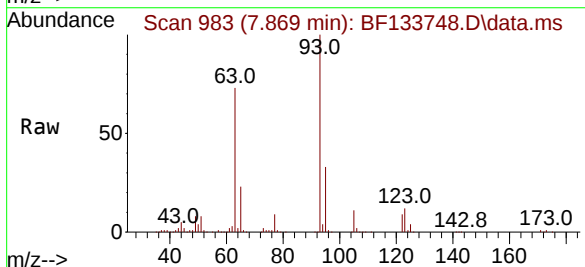
Instrument :
BNA_F
ClientSampleId :
PB153411BS

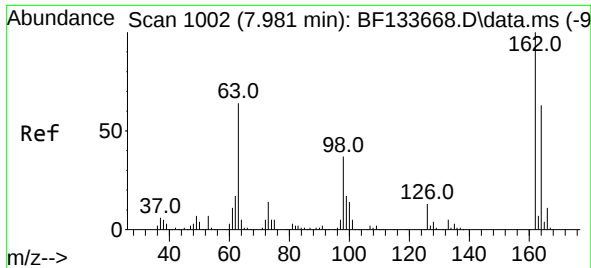
Tgt Ion:122 Resp: 233418
Ion Ratio Lower Upper
122 100
107 125.5 97.8 146.6
121 59.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 31.509 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion: 93 Resp: 302196
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 11.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 32.262 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

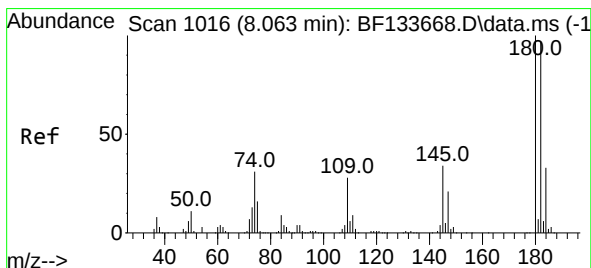
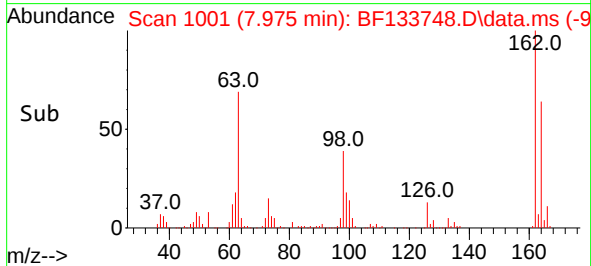
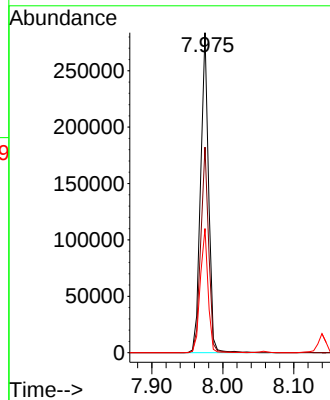
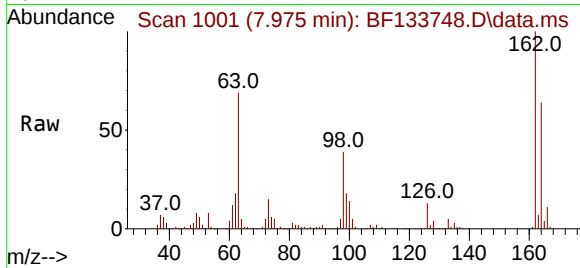
Tgt Ion:162 Resp: 222612

Ion Ratio Lower Upper

162 100

164 64.3 43.4 83.4

98 38.8 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 33.421 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

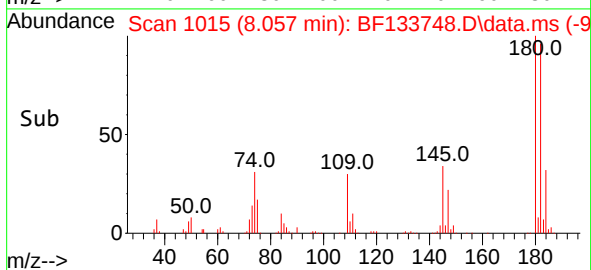
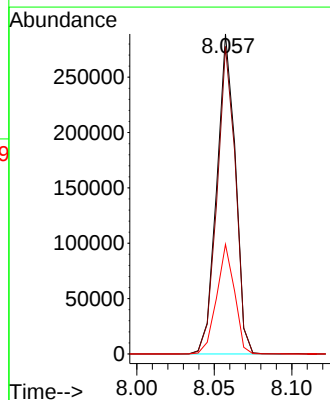
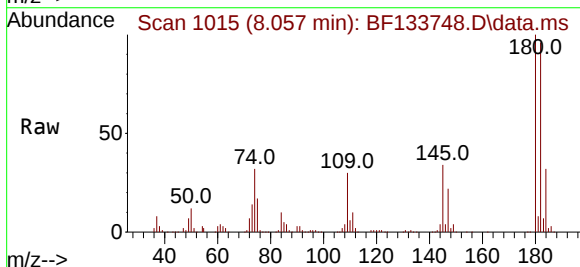
Tgt Ion:180 Resp: 240598

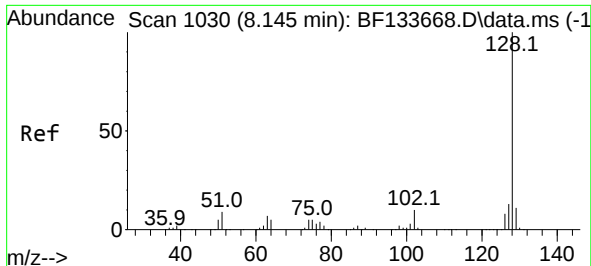
Ion Ratio Lower Upper

180 100

182 96.1 77.8 116.8

145 34.2 27.0 40.4

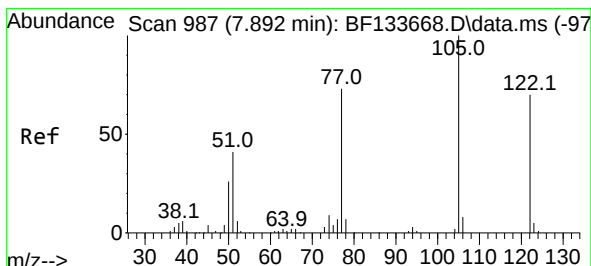
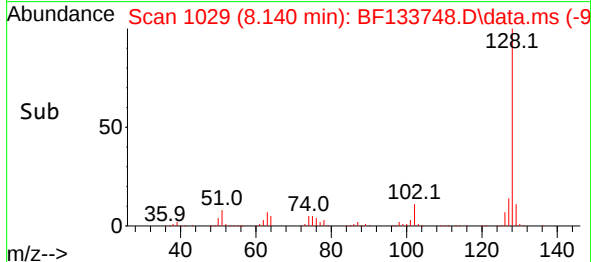
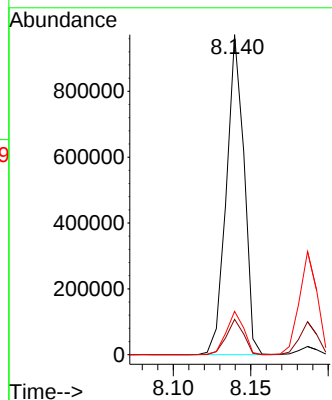
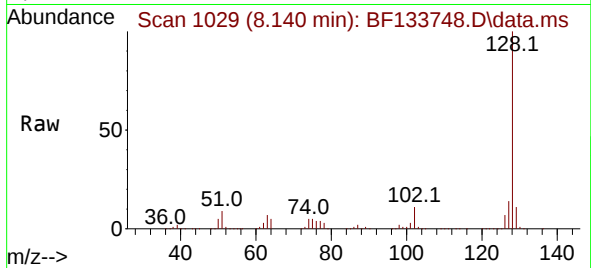




#31
Naphthalene
Concen: 32.085 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

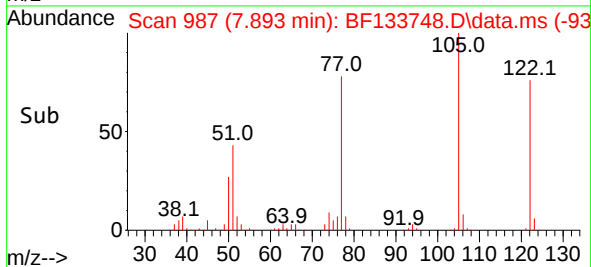
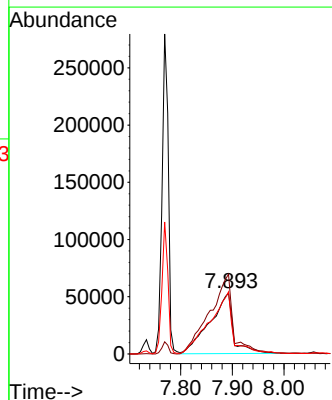
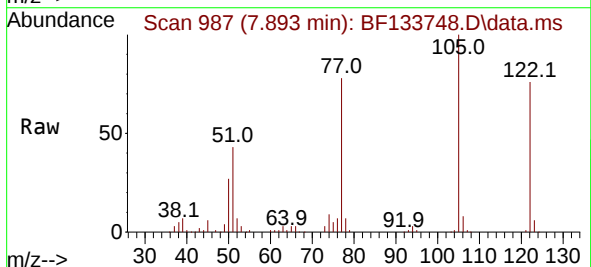
Instrument :
BNA_F
ClientSampleId :
PB153411BS

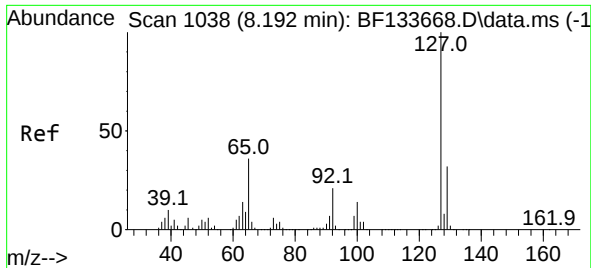
Tgt Ion:128 Resp: 769581
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 37.624 ng
RT: 7.893 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:122 Resp: 167058
Ion Ratio Lower Upper
122 100
105 131.0 116.3 156.3
77 102.0 82.4 122.4

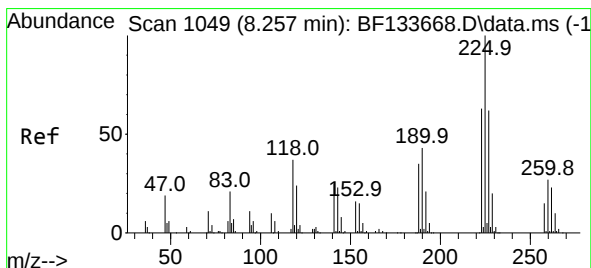
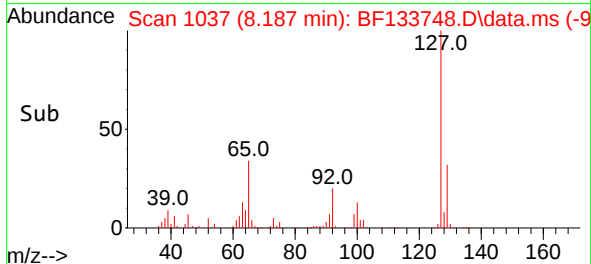
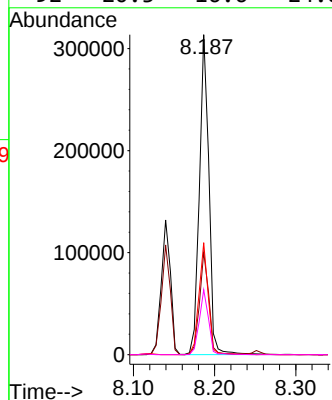
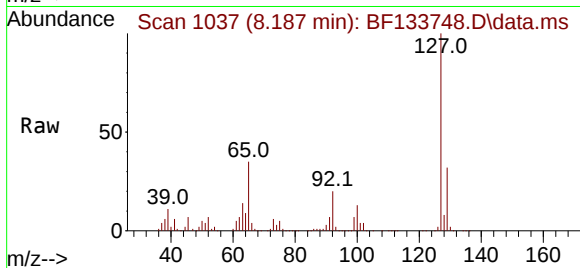




#33
4-Chloroaniline
Concen: 25.015 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

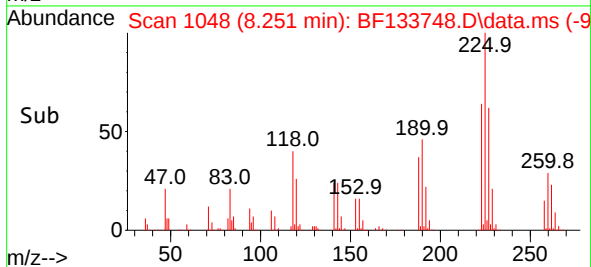
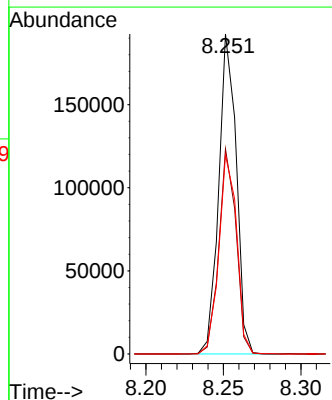
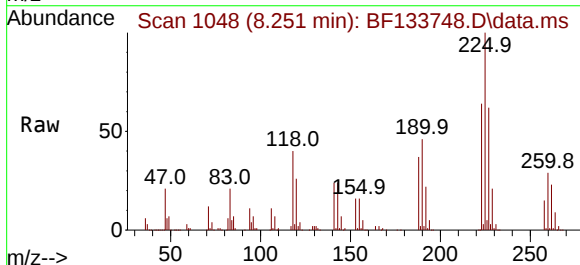
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:	127	Resp:	256546
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	35.0	28.9	43.3
92	20.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 32.120 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:	225	Resp:	151393
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.4
227	62.2	49.5	74.3

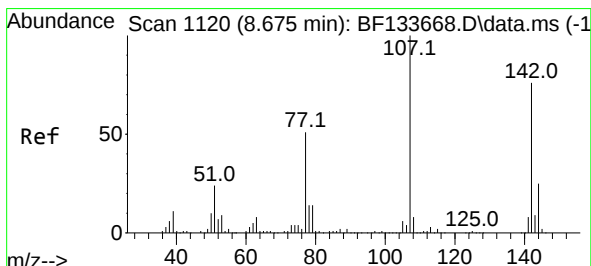
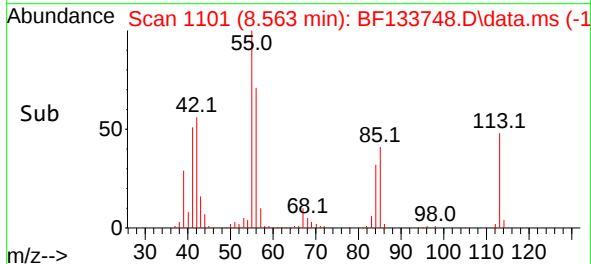
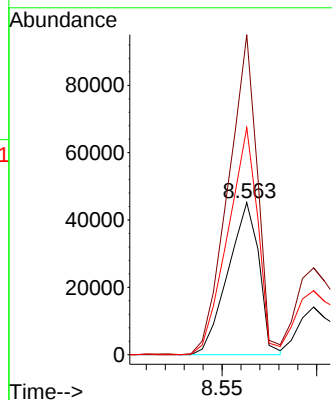
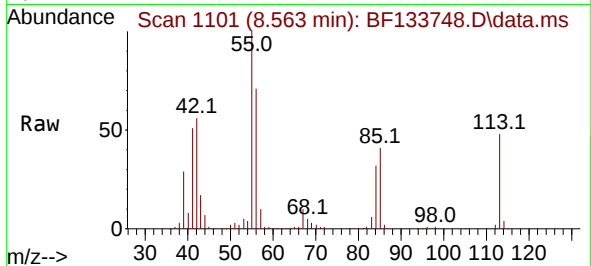




#35
 Caprolactam
 Concen: 22.129 ng
 RT: 8.563 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

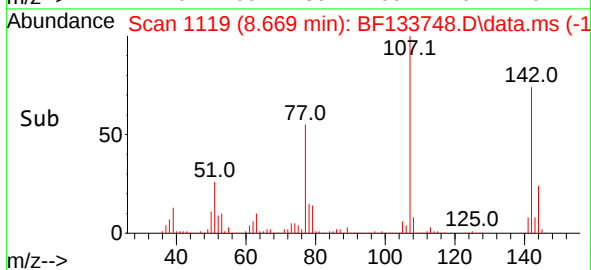
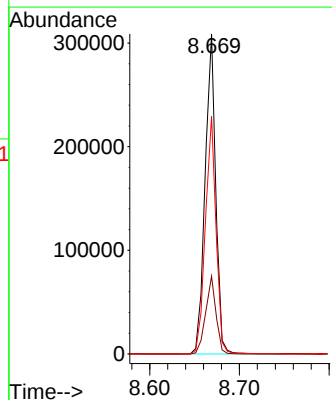
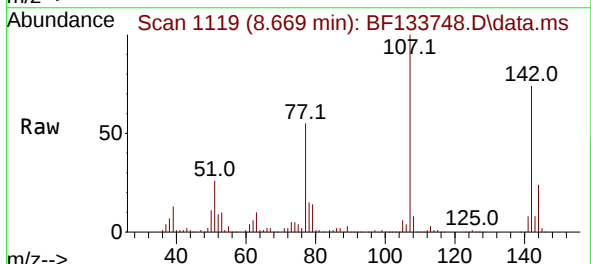
Instrument :
 BNA_F
 ClientSampleId :
 PB153411BS

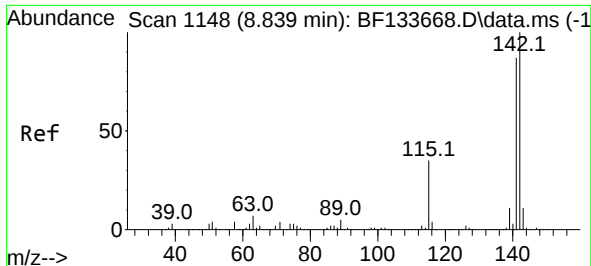
Tgt Ion:113 Resp: 51380
 Ion Ratio Lower Upper
 113 100
 55 210.4 173.3 213.3
 56 149.2 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 31.930 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

Tgt Ion:107 Resp: 253954
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.7 29.5
 142 74.2 61.1 91.7

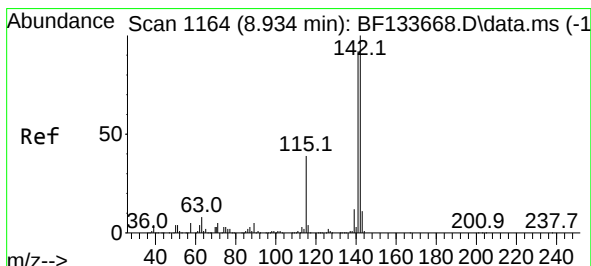
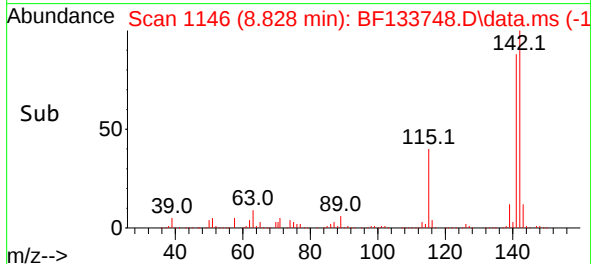
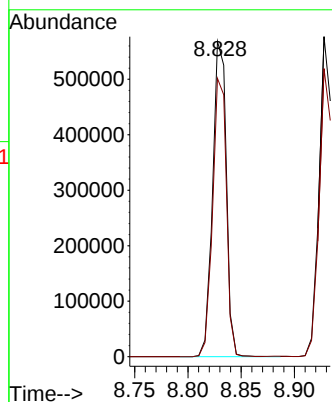
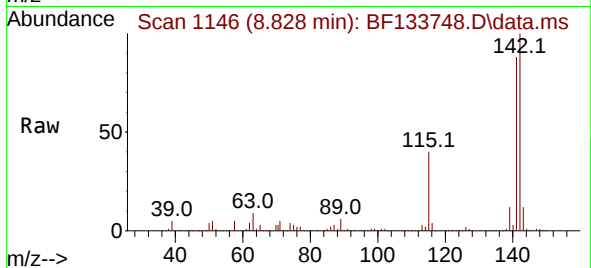




#37
2-Methylnaphthalene
Concen: 30.456 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

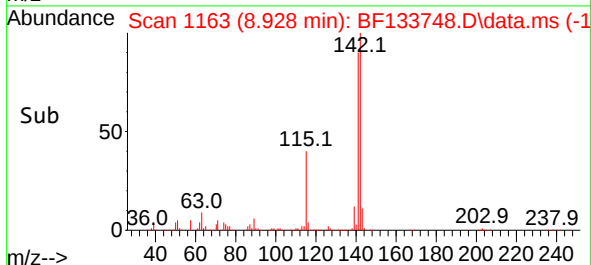
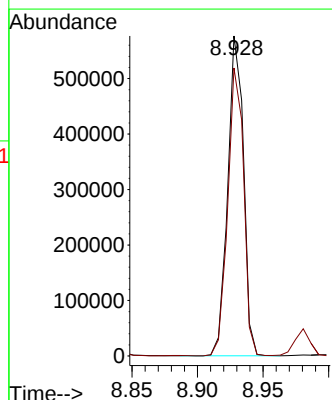
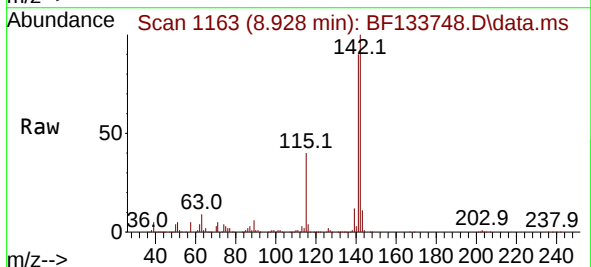
Instrument :
BNA_F
ClientSampleId :
PB153411BS

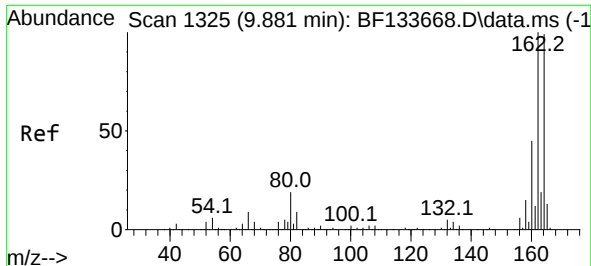
Tgt Ion:142 Resp: 507554
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.8



#38
1-Methylnaphthalene
Concen: 31.450 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:142 Resp: 482301
Ion Ratio Lower Upper
142 100
141 90.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

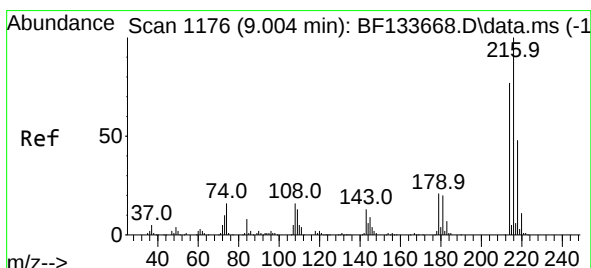
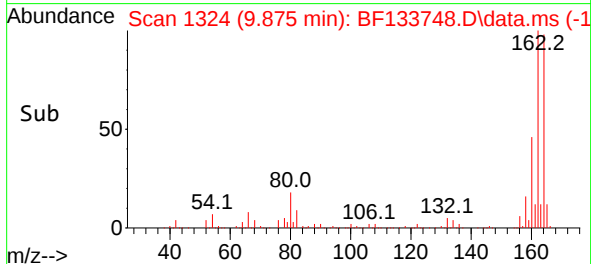
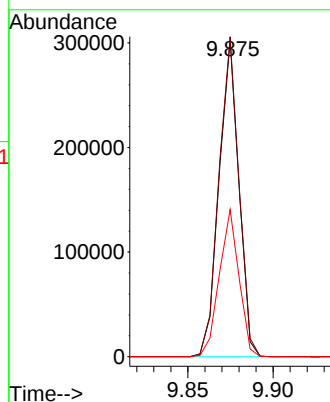
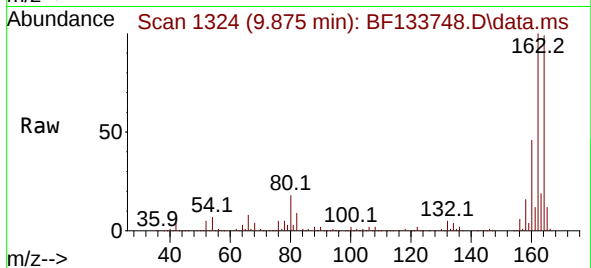
Tgt Ion:164 Resp: 244228

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

160 46.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.704 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Tgt Ion:216 Resp: 242821

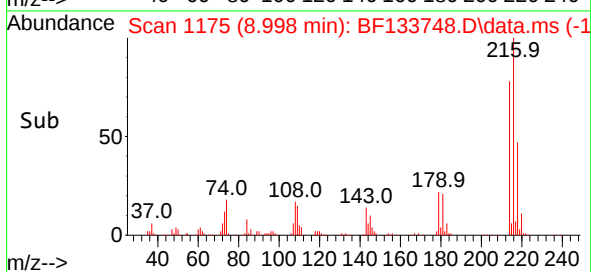
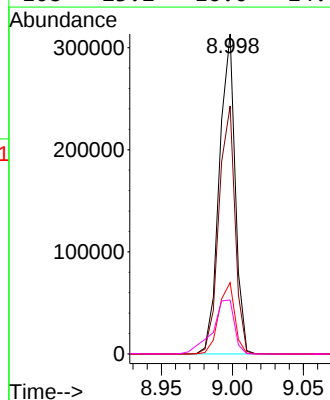
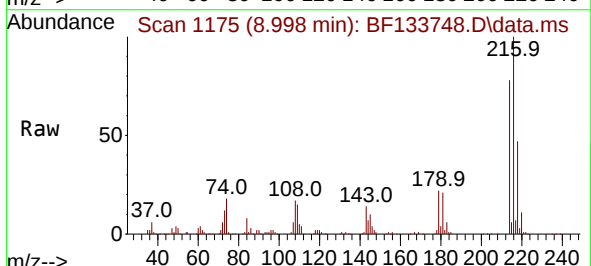
Ion Ratio Lower Upper

216 100

214 78.4 62.7 94.1

179 22.3 17.6 26.4

108 23.2 16.0 24.0

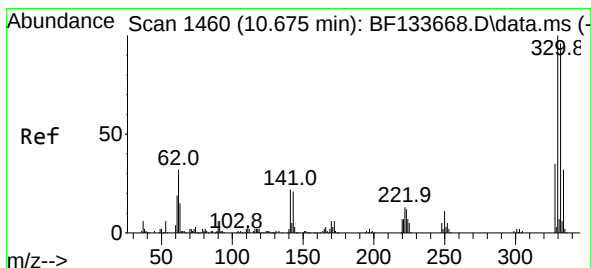
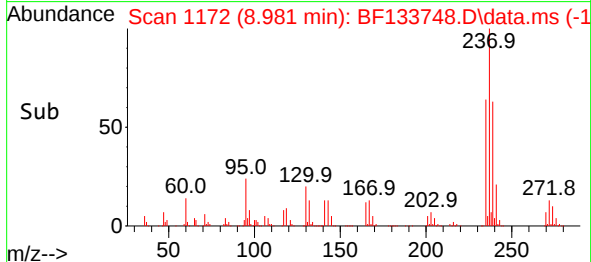
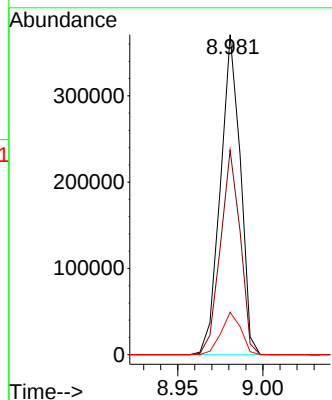
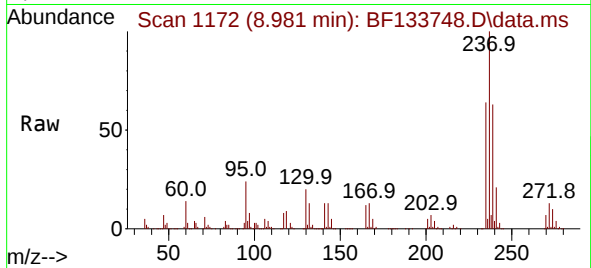




#41
Hexachlorocyclopentadiene
Concen: 91.105 ng
RT: 8.981 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

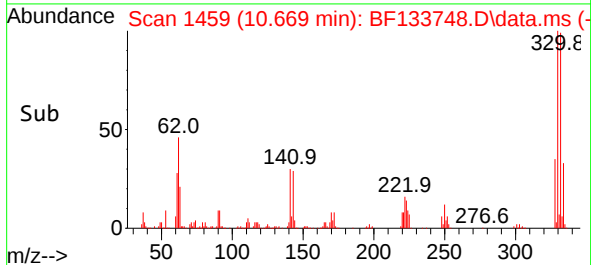
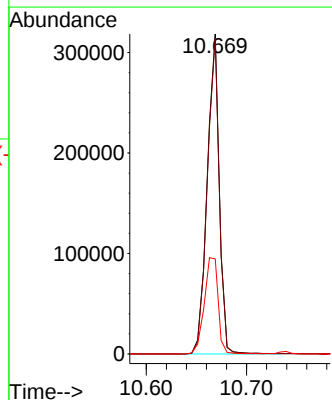
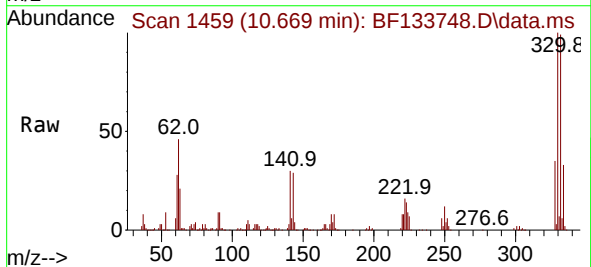
Instrument :
BNA_F
ClientSampleId :
PB153411BS

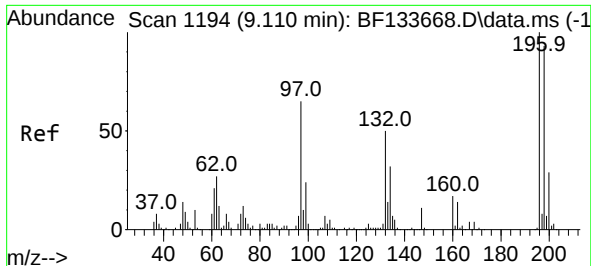
Tgt Ion:237 Resp: 301438
Ion Ratio Lower Upper
237 100
235 63.9 40.6 80.6
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.789 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:330 Resp: 268308
Ion Ratio Lower Upper
330 100
332 98.2 77.2 115.8
141 34.6 24.9 37.3

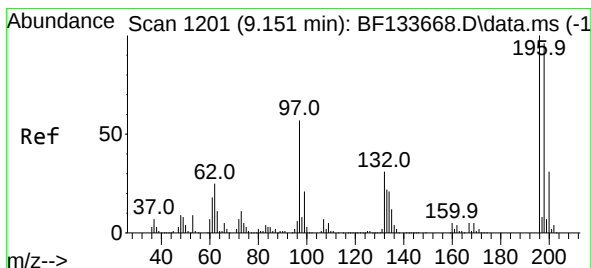
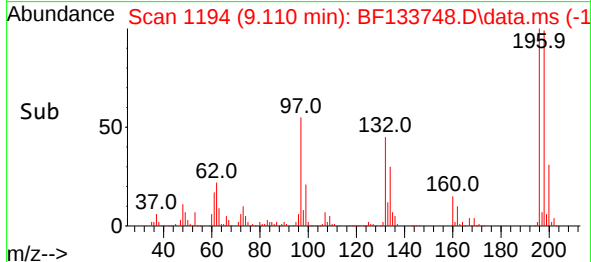
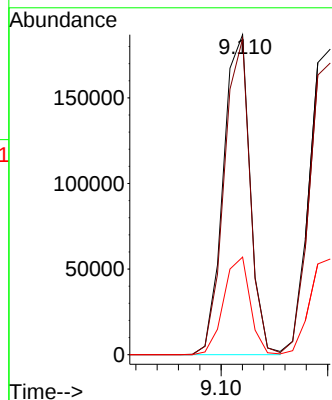
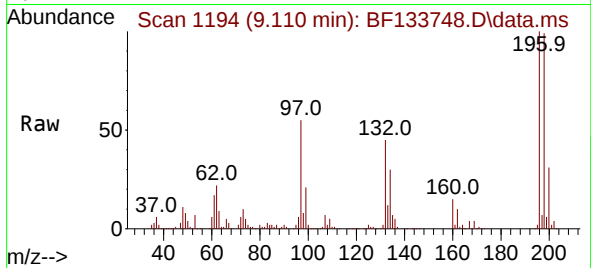




#43
2,4,6-Trichlorophenol
Concen: 32.908 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

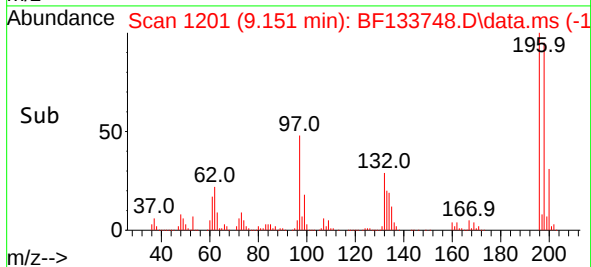
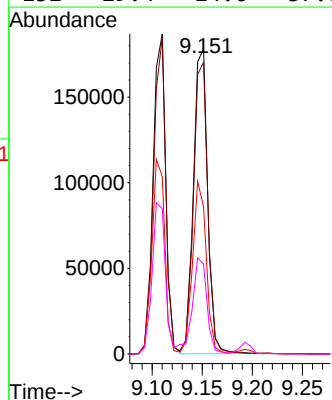
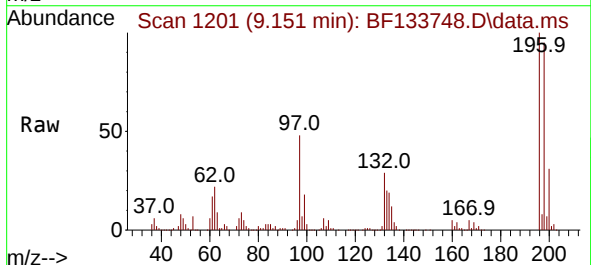
Instrument :
BNA_F
ClientSampleId :
PB153411BS

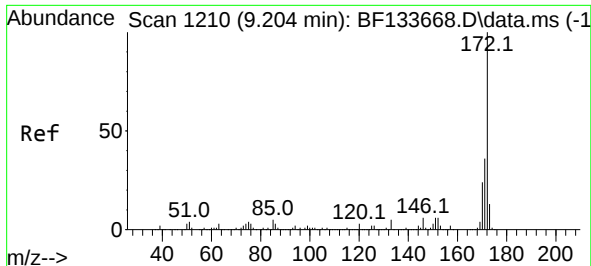
Tgt Ion:196 Resp: 163273
Ion Ratio Lower Upper
196 100
198 98.7 74.5 111.7
200 30.5 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 30.346 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:196 Resp: 175159
Ion Ratio Lower Upper
196 100
198 95.4 76.8 115.2
97 48.1 45.4 68.2
132 29.4 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 61.923 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

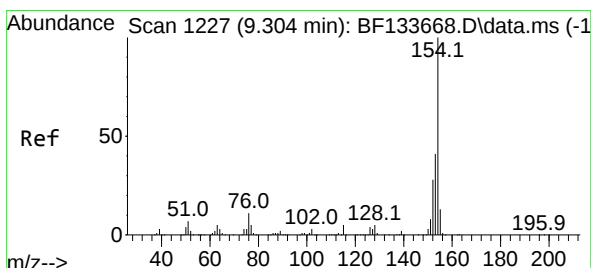
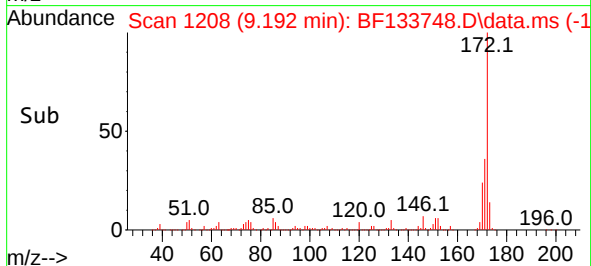
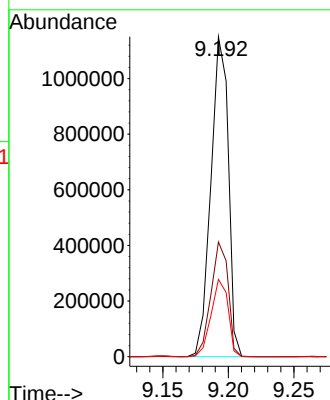
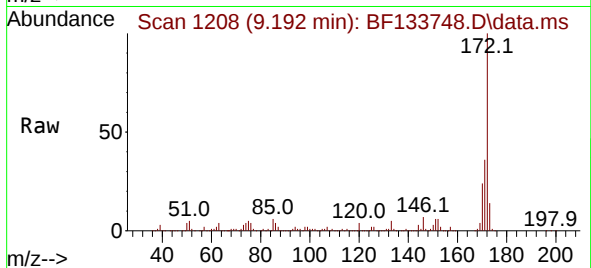
Tgt Ion:172 Resp: 1063880

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 32.365 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

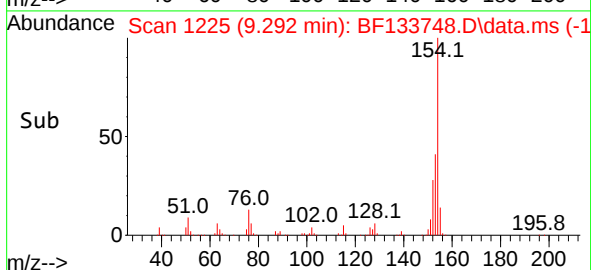
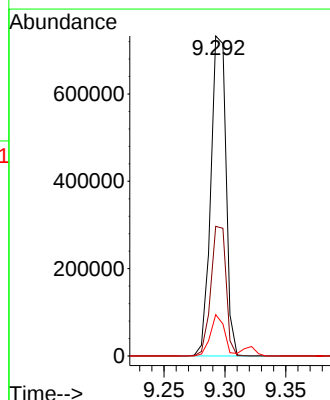
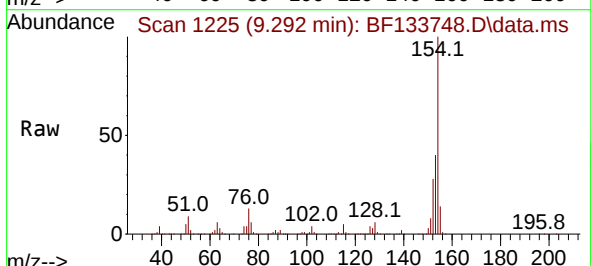
Tgt Ion:154 Resp: 637512

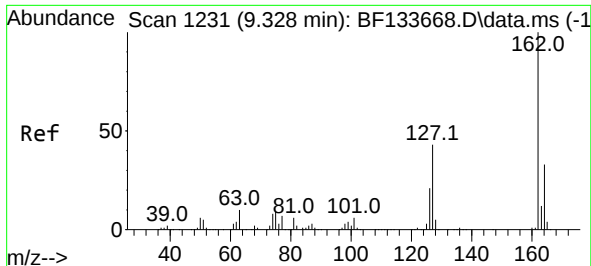
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 32.617 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

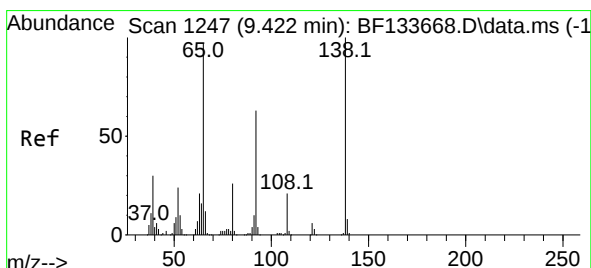
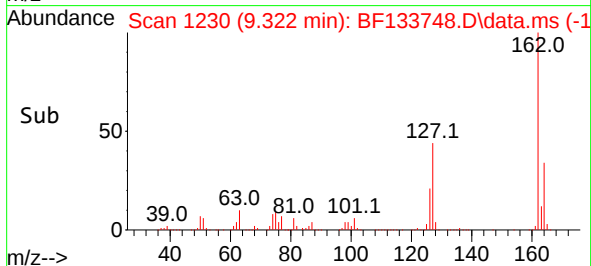
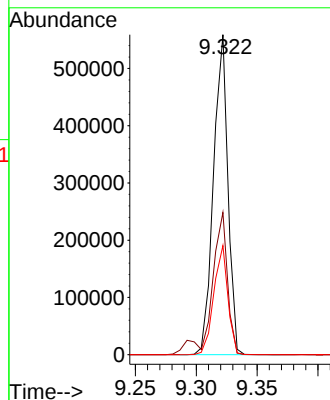
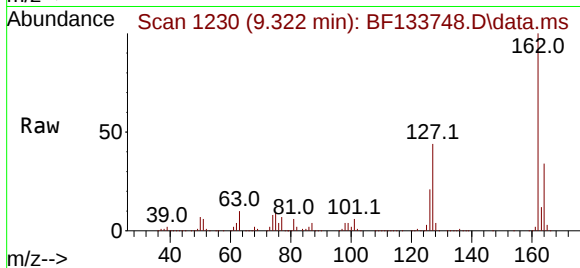
Tgt Ion:162 Resp: 460847

Ion Ratio Lower Upper

162 100

127 44.4 34.6 52.0

164 34.1 26.4 39.6



#48

2-Nitroaniline

Concen: 33.453 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

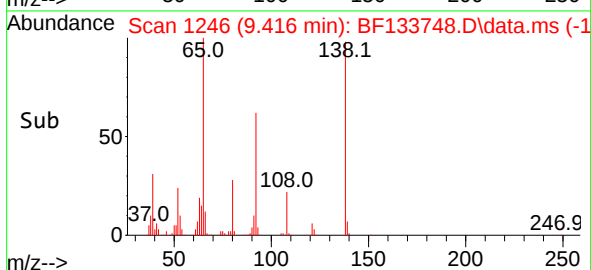
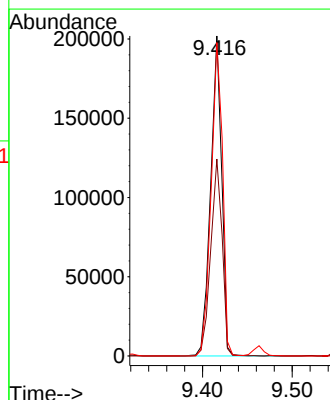
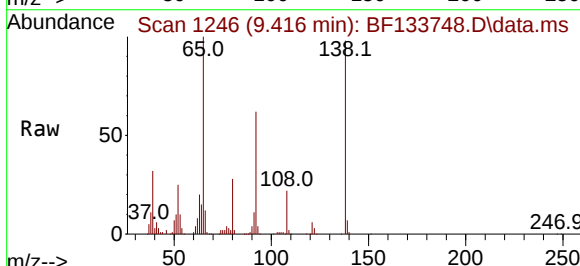
Tgt Ion: 65 Resp: 172868

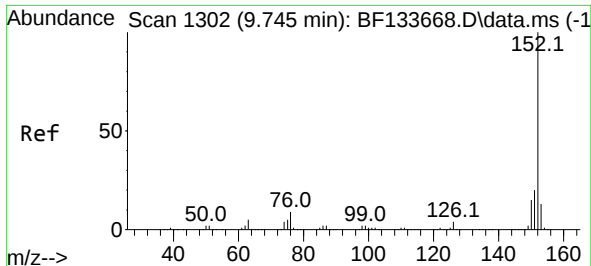
Ion Ratio Lower Upper

65 100

92 61.6 51.8 77.6

138 98.0 82.1 123.1





#49

Acenaphthylene

Concen: 32.054 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

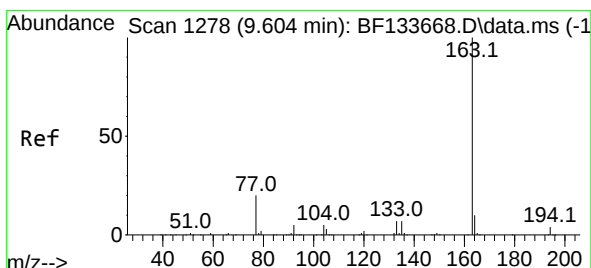
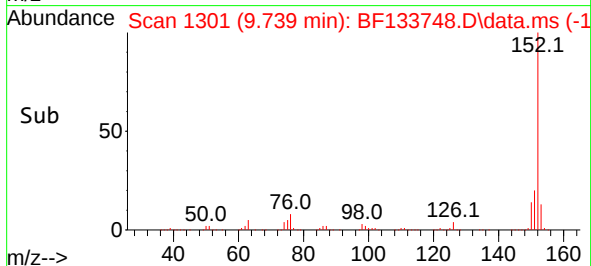
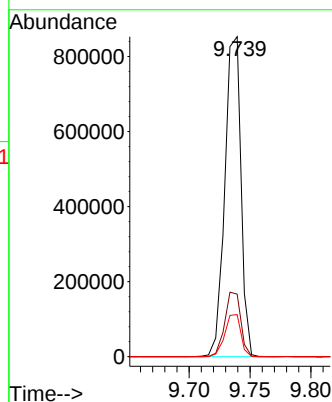
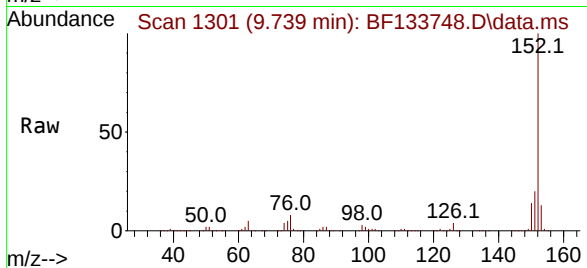
Tgt Ion:152 Resp: 788280

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 30.546 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

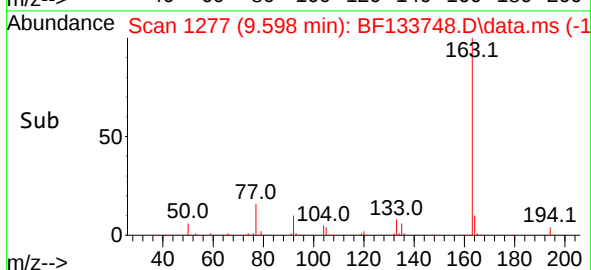
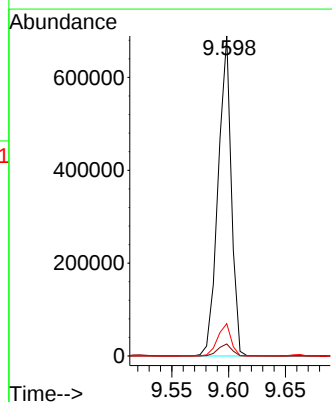
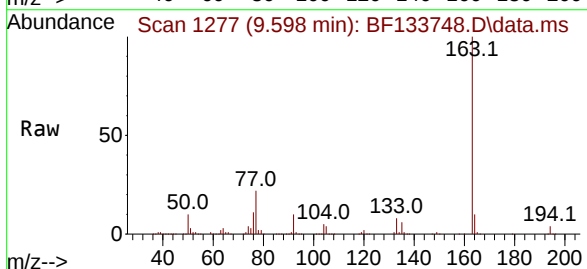
Tgt Ion:163 Resp: 556840

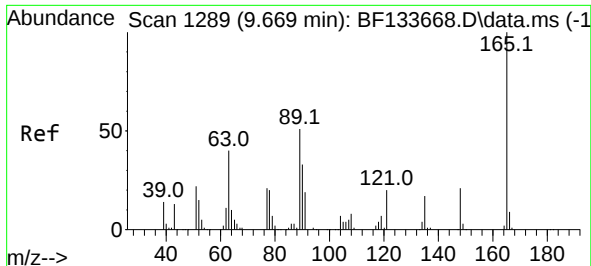
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.1 8.0 12.0

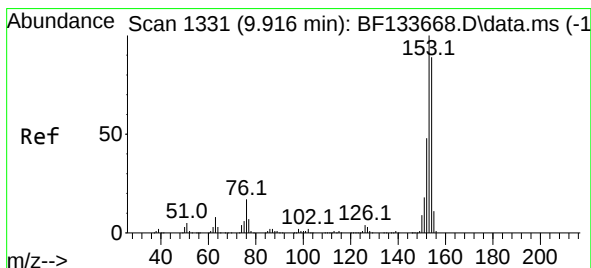
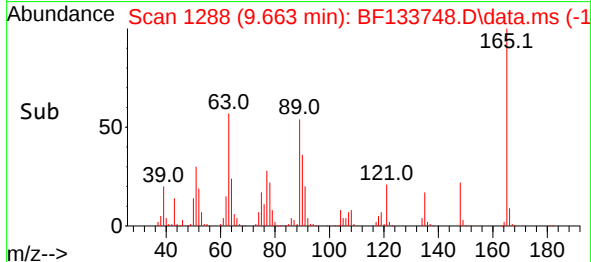
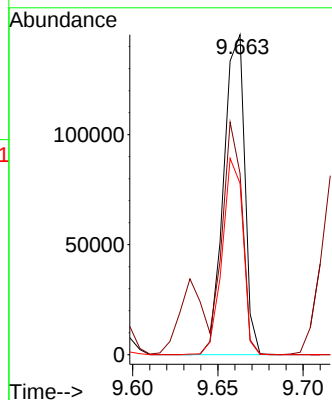
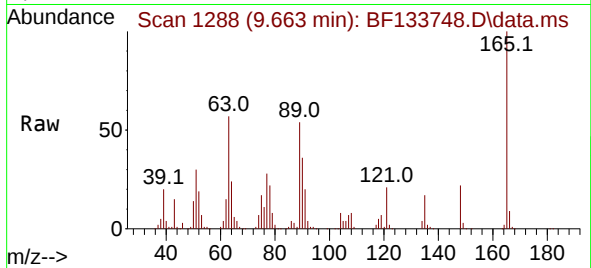




#51
2,6-Dinitrotoluene
Concen: 33.293 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

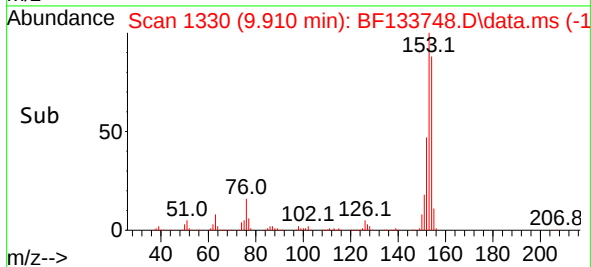
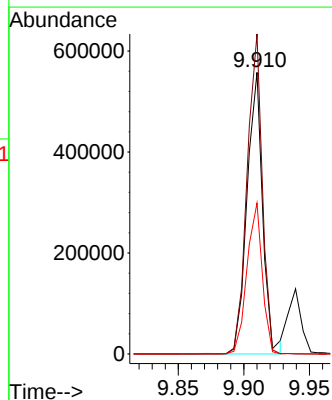
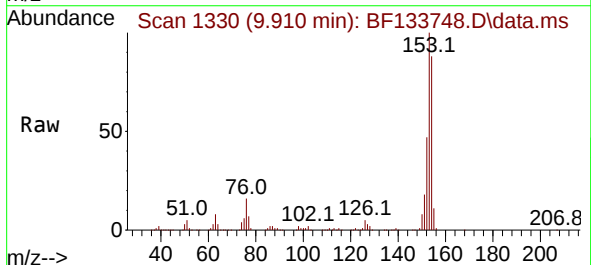
Instrument :
BNA_F
ClientSampleId :
PB153411BS

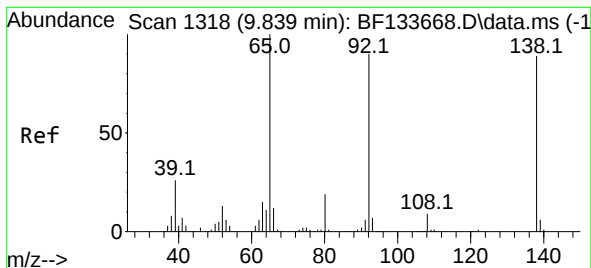
Tgt Ion:165 Resp: 125273
Ion Ratio Lower Upper
165 100
63 56.7 42.1 63.1
89 53.5 40.9 61.3



#52
Acenaphthene
Concen: 32.213 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:154 Resp: 463689
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.8
152 53.6 43.4 65.2





#53

3-Nitroaniline

Concen: 27.888 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

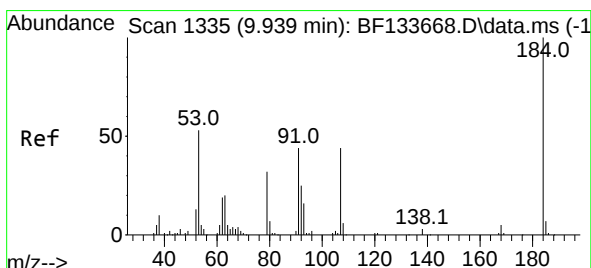
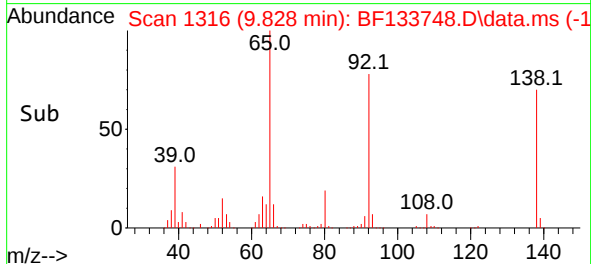
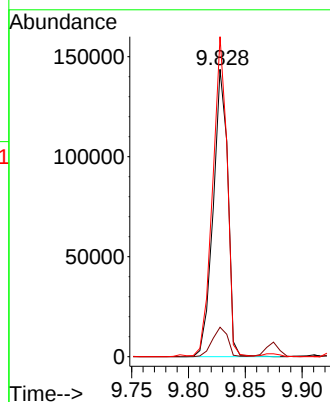
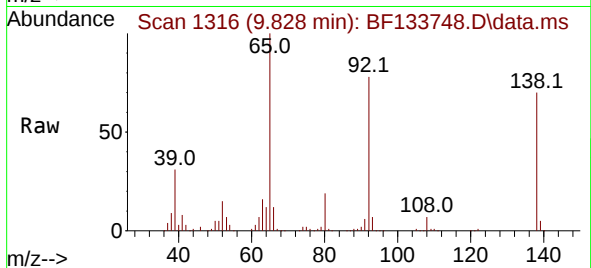
Tgt Ion:138 Resp: 127699

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

92 111.4 81.0 121.6



#54

2,4-Dinitrophenol

Concen: 78.424 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

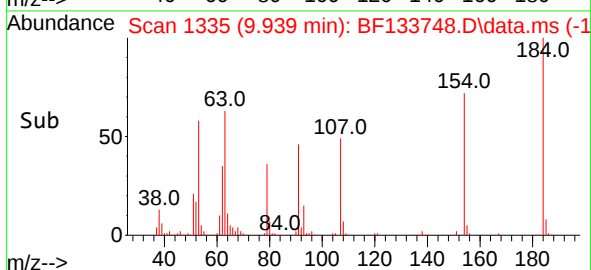
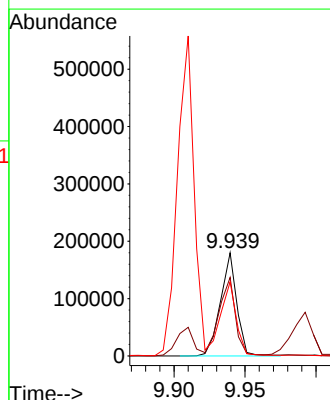
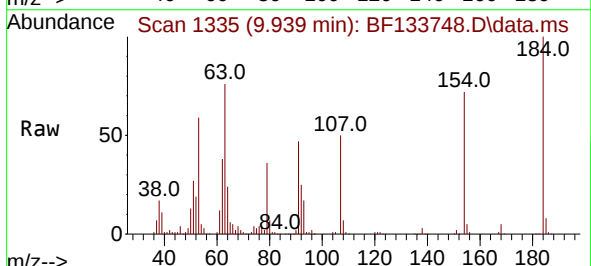
Tgt Ion:184 Resp: 143977

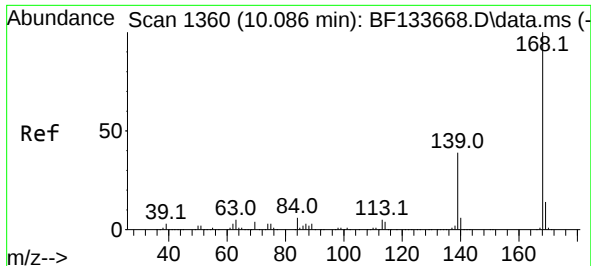
Ion Ratio Lower Upper

184 100

63 76.1 55.3 82.9

154 71.7 51.9 77.9

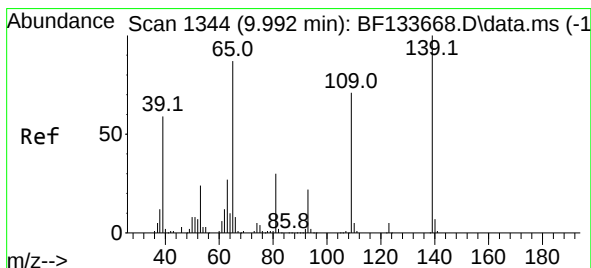
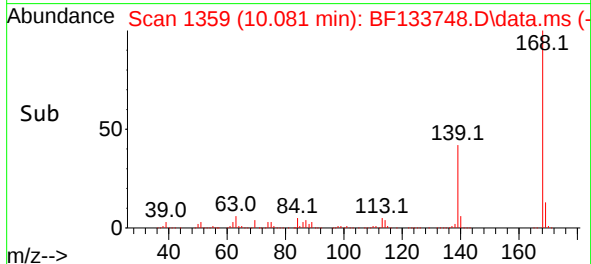
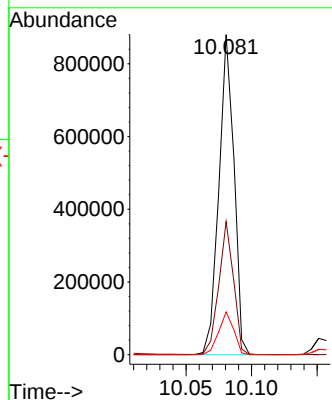
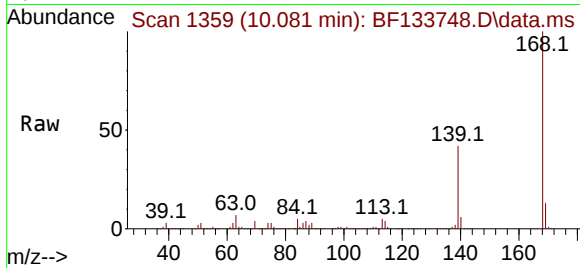




#55
Dibenzofuran
Concen: 31.970 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

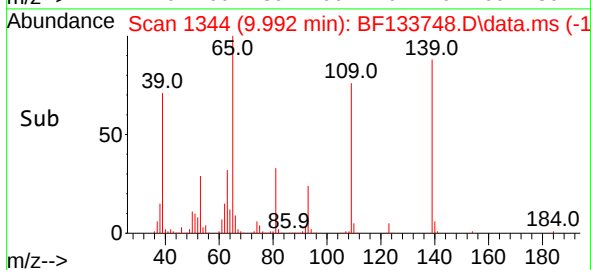
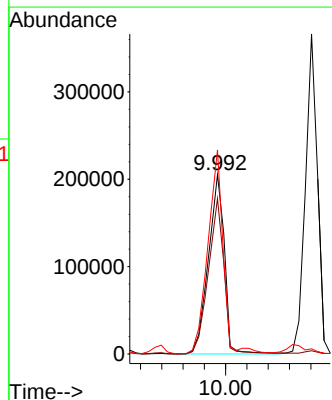
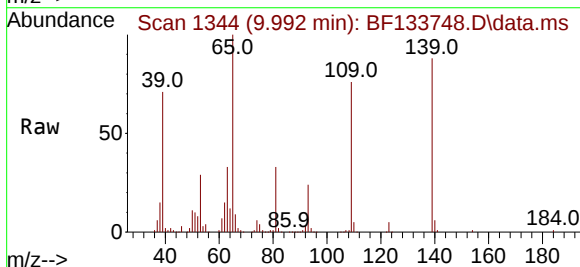
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:168 Resp: 702198
Ion Ratio Lower Upper
168 100
139 41.6 30.9 46.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 69.346 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:139 Resp: 214304
Ion Ratio Lower Upper
139 100
109 86.6 50.7 90.7
65 113.7 67.1 107.1#

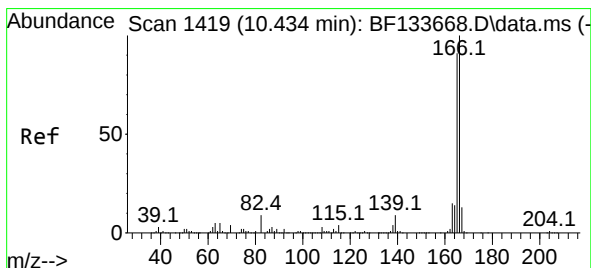
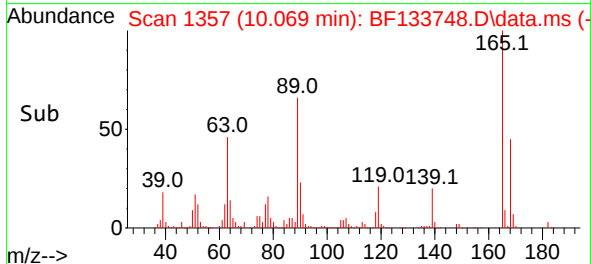
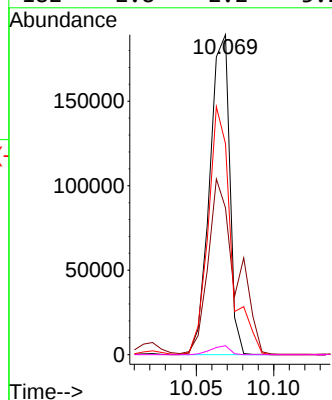
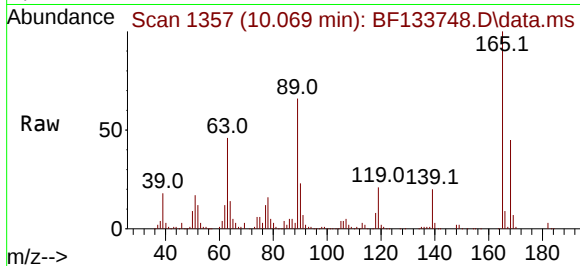




#57
2,4-Dinitrotoluene
Concen: 35.524 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

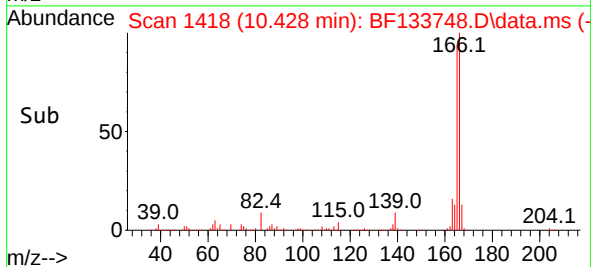
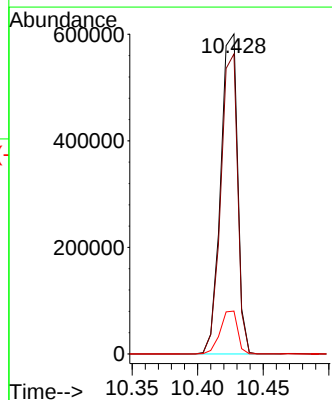
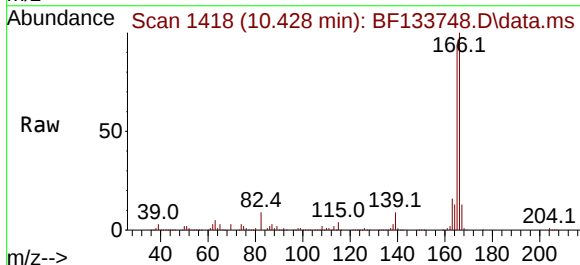
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:165 Resp: 169999
Ion Ratio Lower Upper
165 100
63 45.9 43.0 64.6
89 66.0 62.6 93.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 32.172 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:166 Resp: 540394
Ion Ratio Lower Upper
166 100
165 93.8 73.1 109.7
167 13.4 10.5 15.7

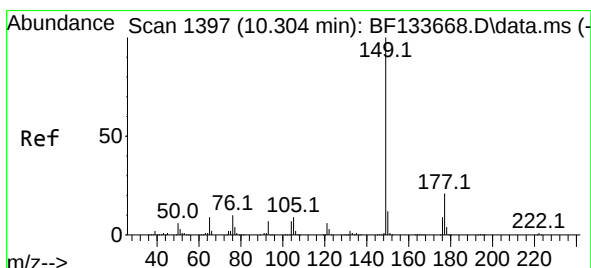
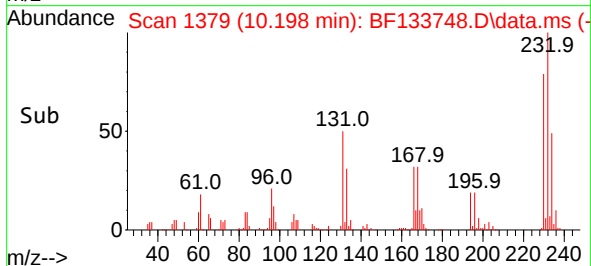
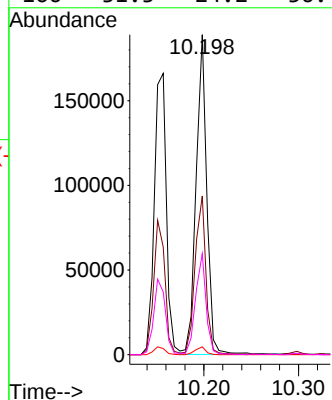
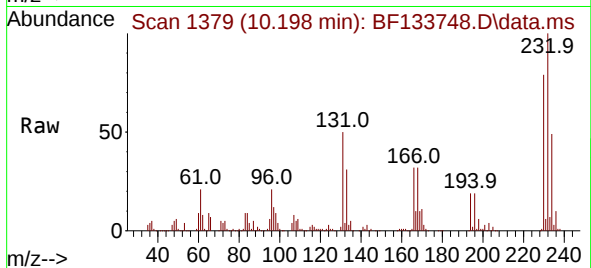




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.357 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

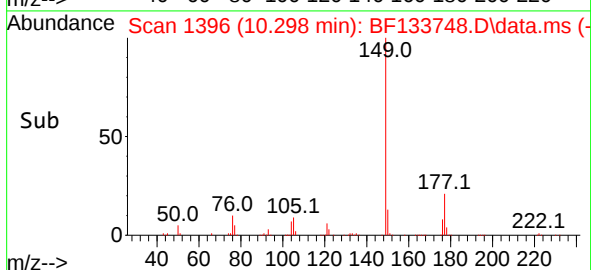
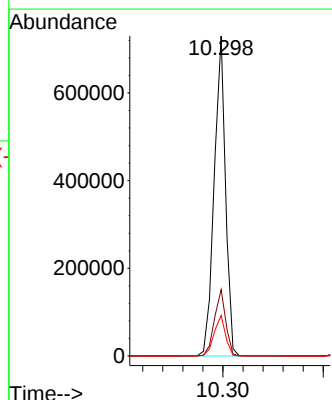
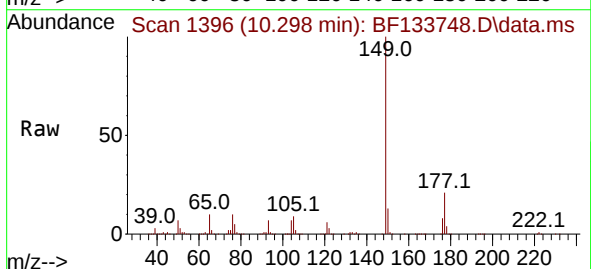
Instrument :
BNA_F
ClientSampleId :
PB153411BS

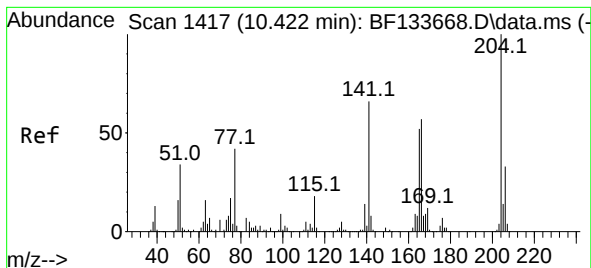
Tgt Ion:232 Resp: 148473
Ion Ratio Lower Upper
232 100
131 50.1 38.0 57.0
130 2.4 1.8 2.8
166 31.3 24.2 36.4



#60
Diethylphthalate
Concen: 30.896 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:149 Resp: 573232
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.6 10.0 15.0

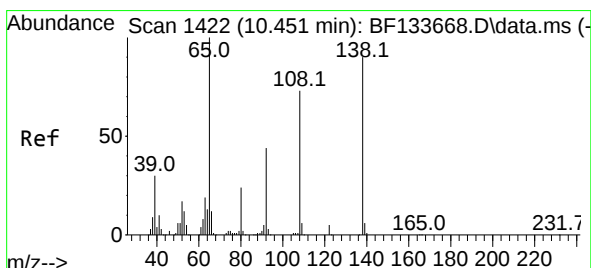
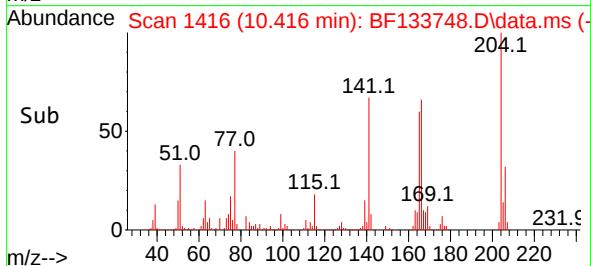
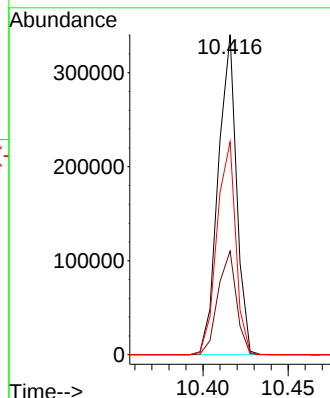
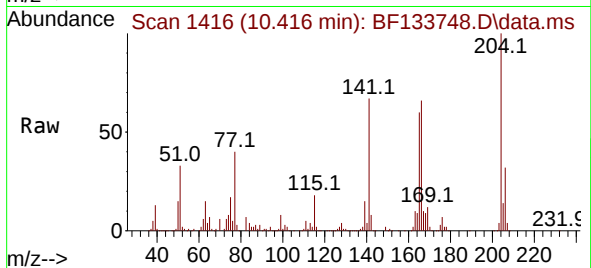




#61
4-Chlorophenyl-phenylether
Concen: 30.743 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

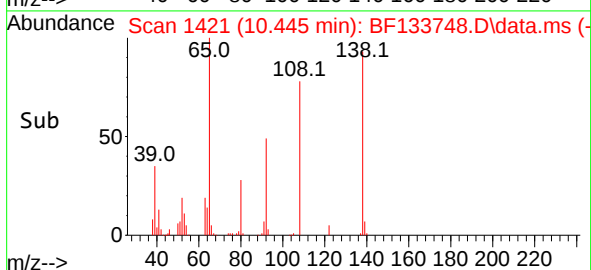
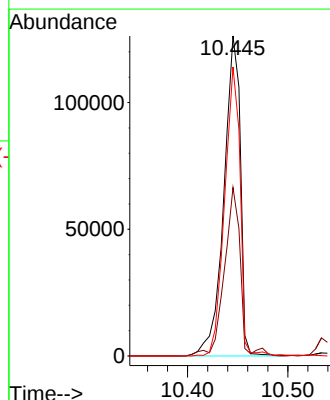
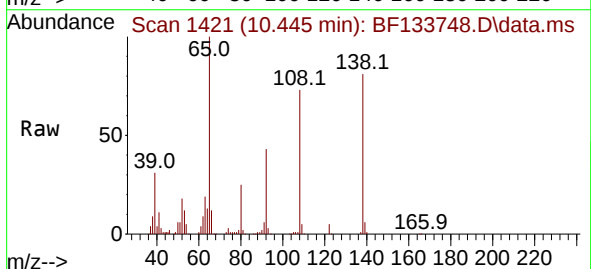
Instrument :
BNA_F
ClientSampleId :
PB153411BS

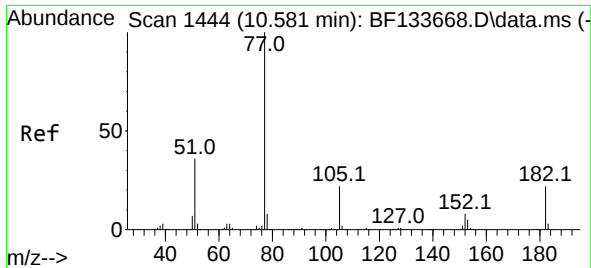
Tgt Ion:204 Resp: 254923
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 66.5 52.8 79.2



#62
4-Nitroaniline
Concen: 32.095 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:138 Resp: 144093
Ion Ratio Lower Upper
138 100
92 52.6 28.9 68.9
108 90.3 61.0 101.0

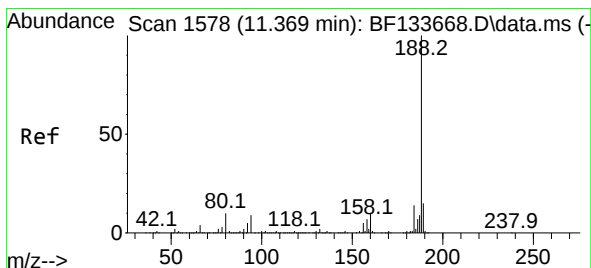
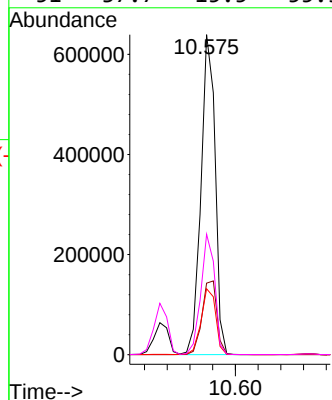
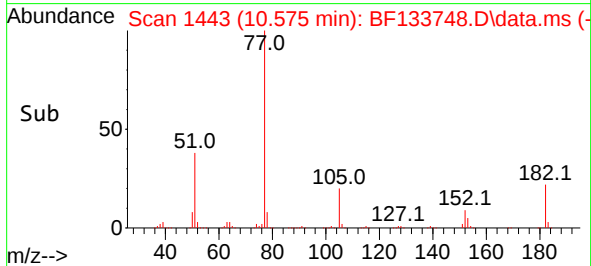
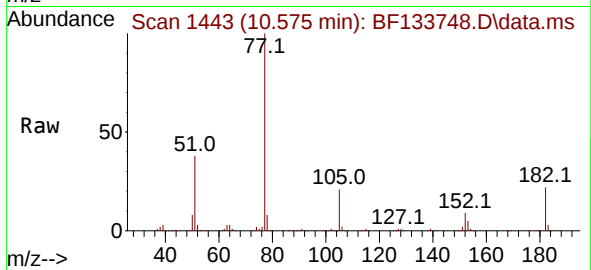




#63
Azobenzene
Concen: 31.567 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

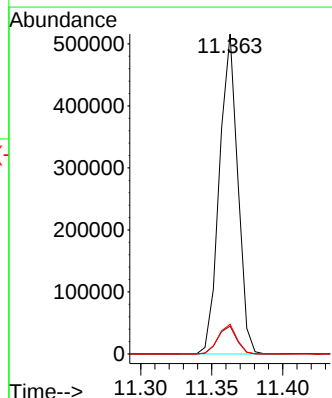
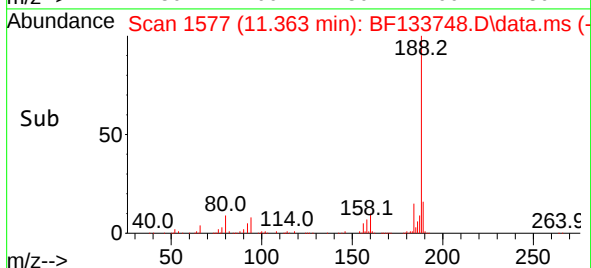
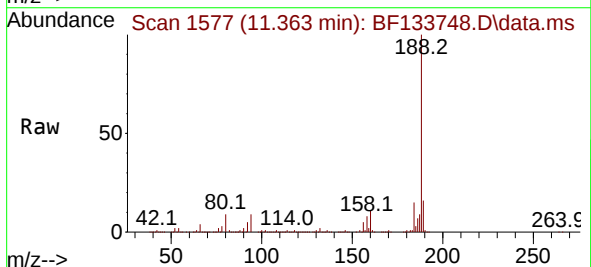
Instrument :
BNA_F
ClientSampleId :
PB153411BS

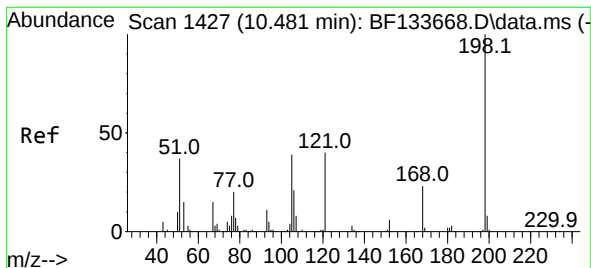
Tgt Ion: 77	Resp: 554442
Ion Ratio	Lower Upper
77 100	
182 22.4	1.6 41.6
105 20.6	1.6 41.6
51 37.7	15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:188	Resp: 461860
Ion Ratio	Lower Upper
188 100	
94 8.7	6.8 10.2
80 9.3	7.8 11.6

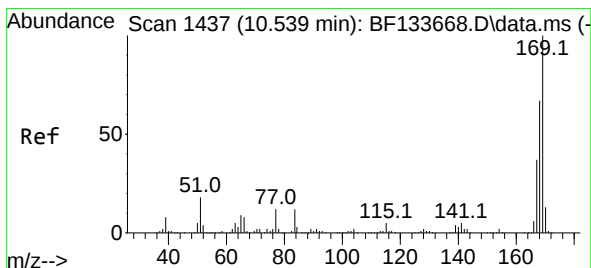
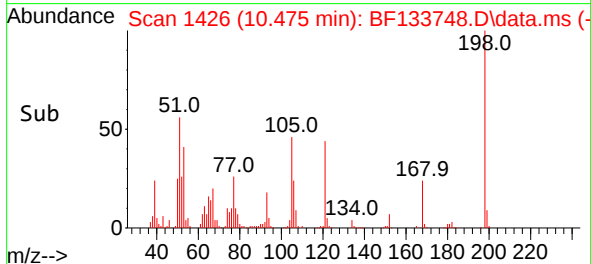
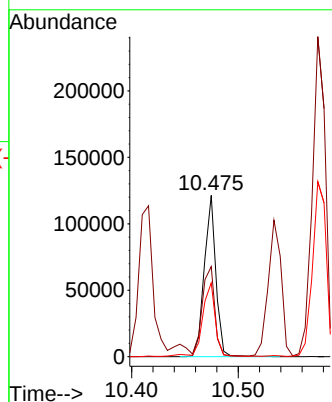
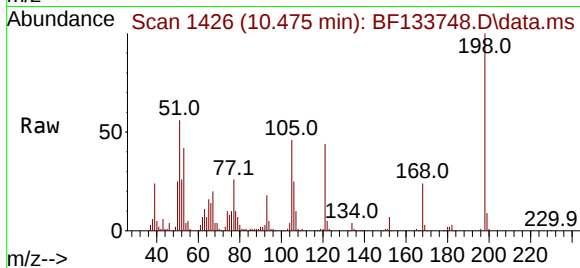




#65
4,6-Dinitro-2-methylphenol
Concen: 41.726 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

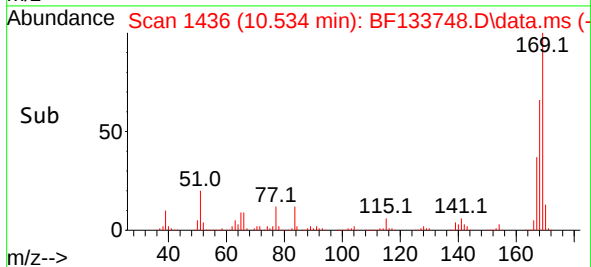
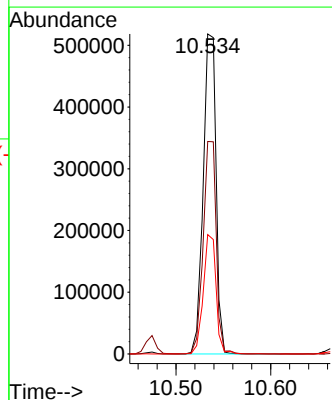
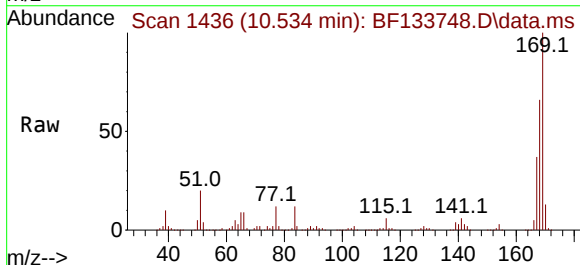
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:198 Resp: 92088
Ion Ratio Lower Upper
198 100
51 55.9 27.5 67.5
105 45.8 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 31.409 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:169 Resp: 487274
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 37.3 29.8 44.8

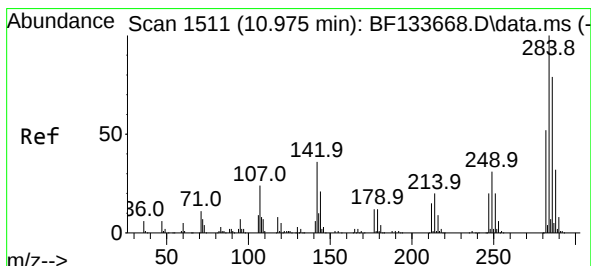
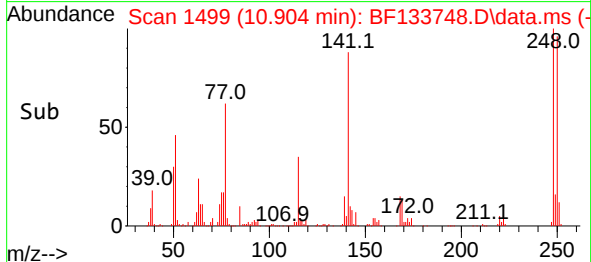
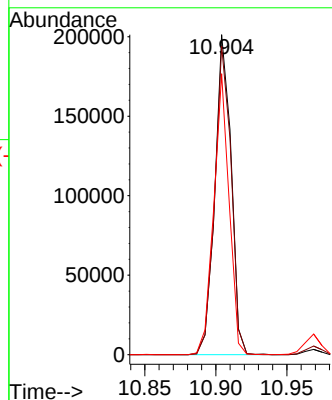
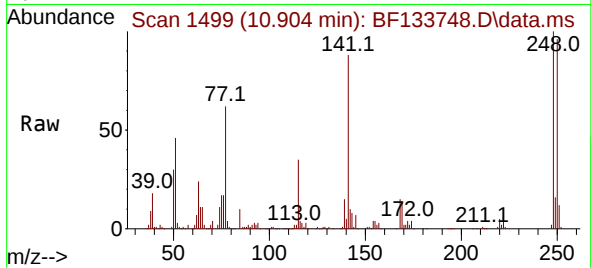




#67
4-Bromophenyl-phenylether
Concen: 31.106 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

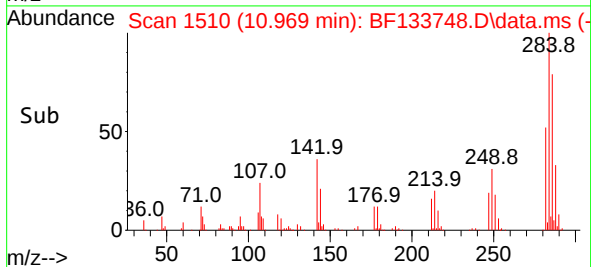
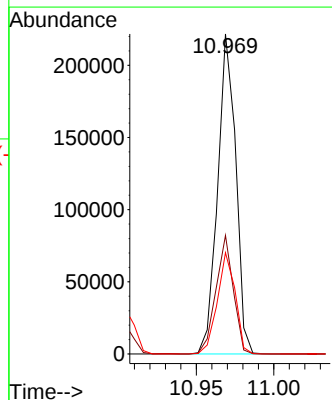
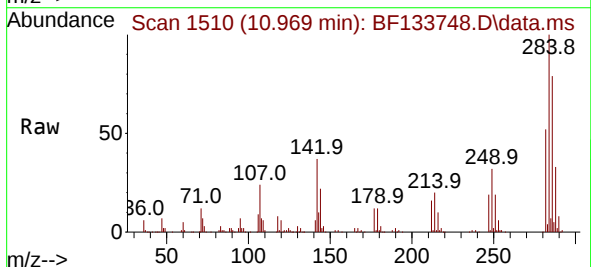
Instrument :
BNA_F
ClientSampleId :
PB153411BS

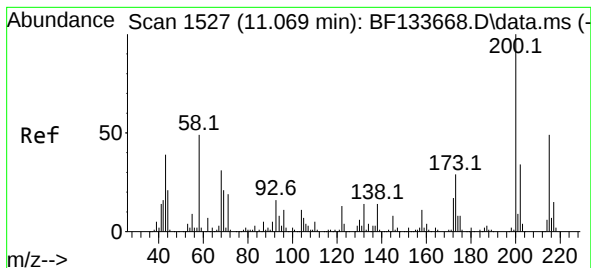
Tgt Ion:248 Resp: 160352
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 87.8 69.0 103.6



#68
Hexachlorobenzene
Concen: 33.247 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:284 Resp: 180226
Ion Ratio Lower Upper
284 100
142 37.1 28.6 42.8
249 31.6 24.6 36.8





#69

Atrazine

Concen: 35.403 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

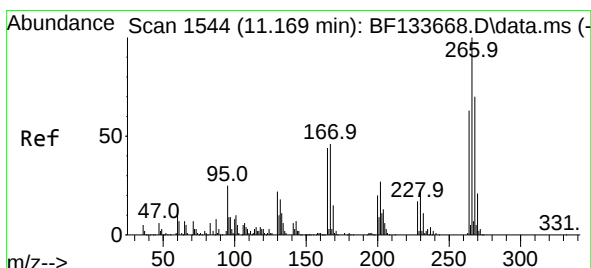
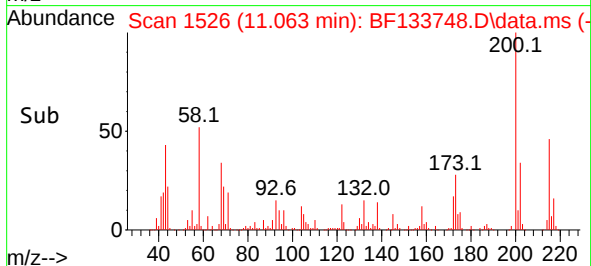
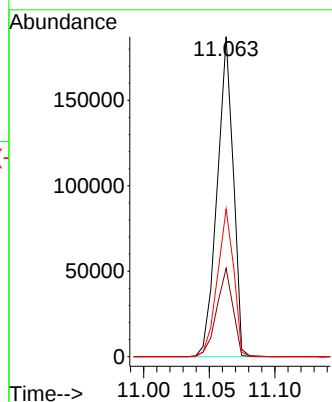
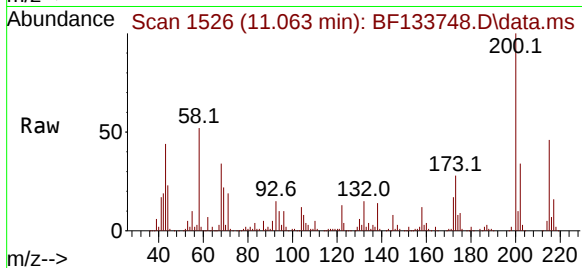
Tgt Ion:200 Resp: 159363

Ion Ratio Lower Upper

200 100

173 27.6 8.7 48.7

215 46.2 29.0 69.0



#70

Pentachlorophenol

Concen: 60.161 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

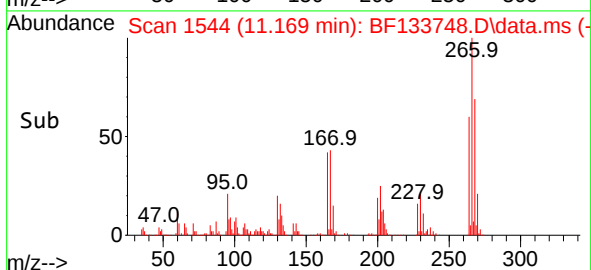
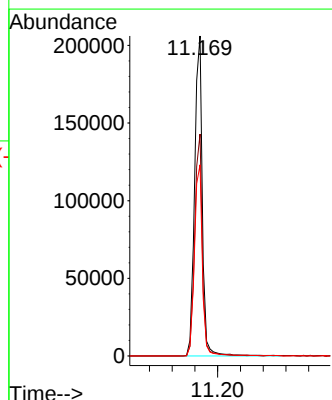
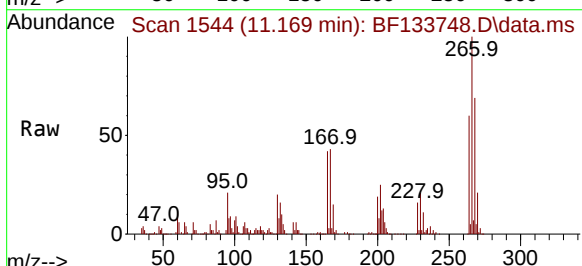
Tgt Ion:266 Resp: 195285

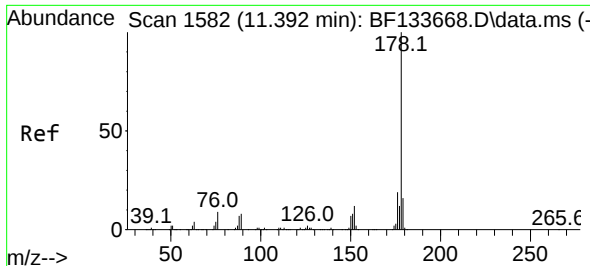
Ion Ratio Lower Upper

266 100

268 69.3 55.7 83.5

264 59.8 50.7 76.1

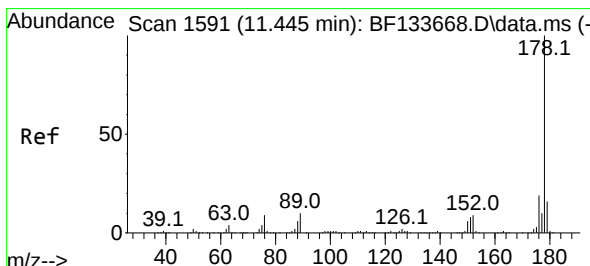
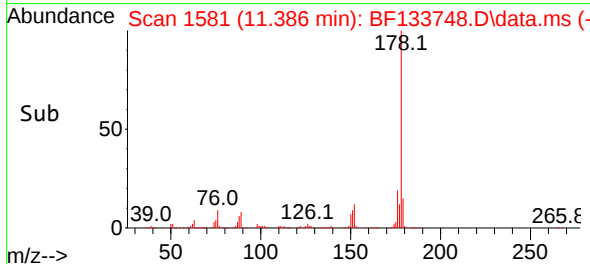
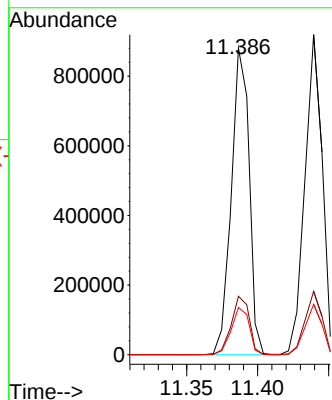
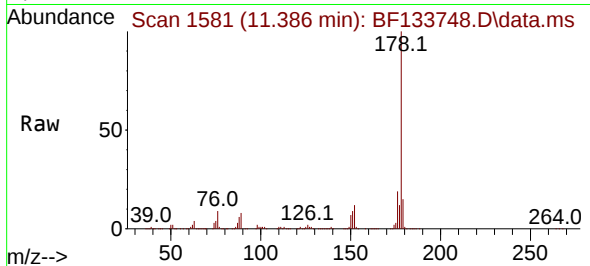




#71
Phenanthrene
Concen: 32.913 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

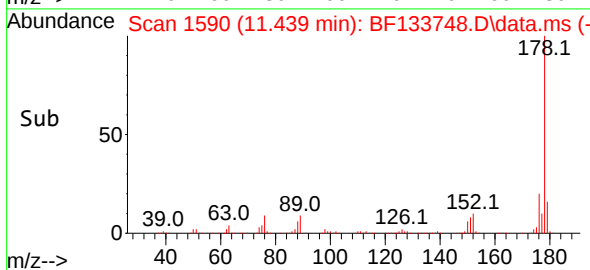
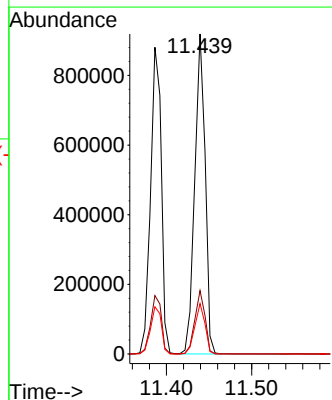
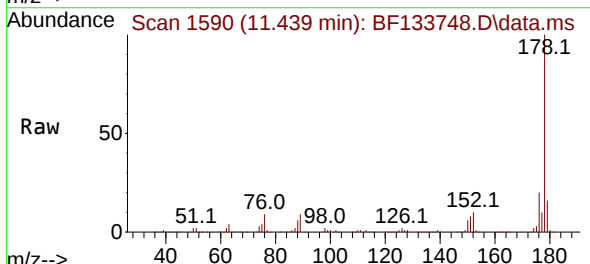
Instrument :
BNA_F
ClientSampleId :
PB153411BS

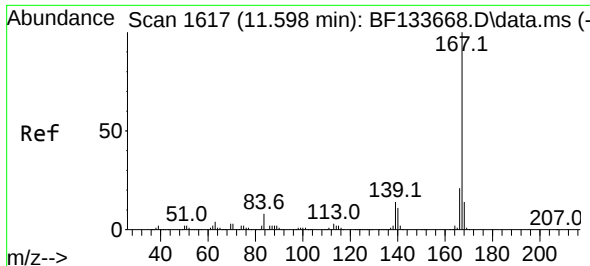
Tgt Ion:178 Resp: 771223
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 31.913 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:178 Resp: 779724
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.8 12.6 18.8

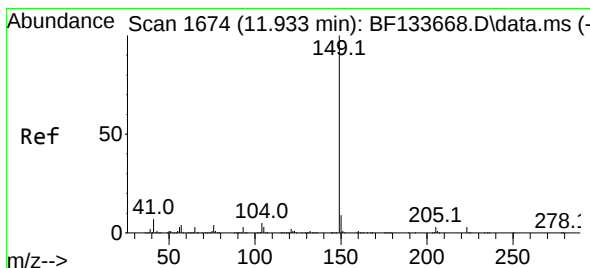
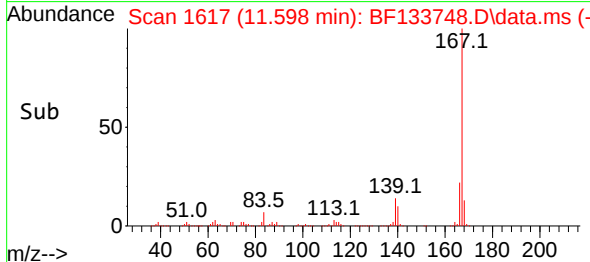
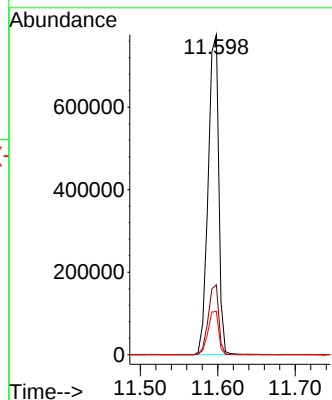
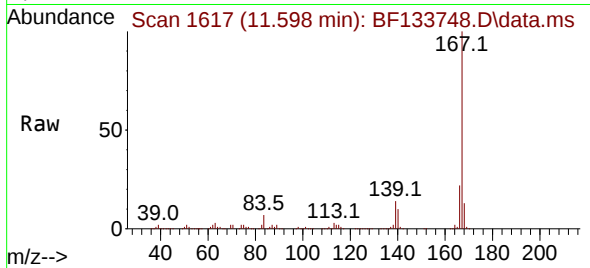




#73
 Carbazole
 Concen: 32.243 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

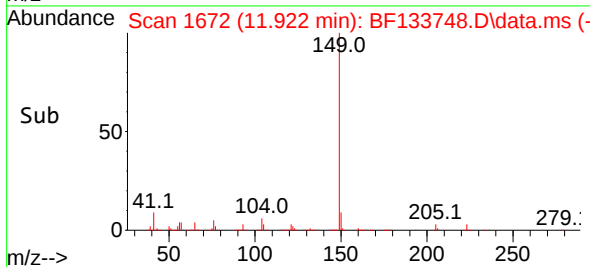
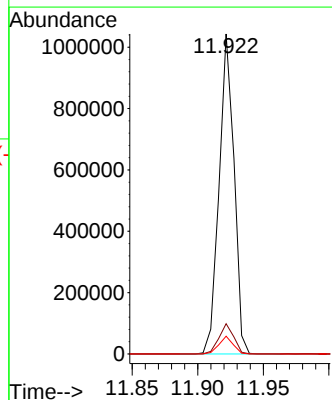
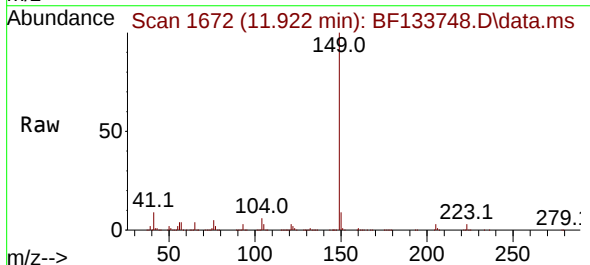
Instrument :
 BNA_F
 ClientSampleId :
 PB153411BS

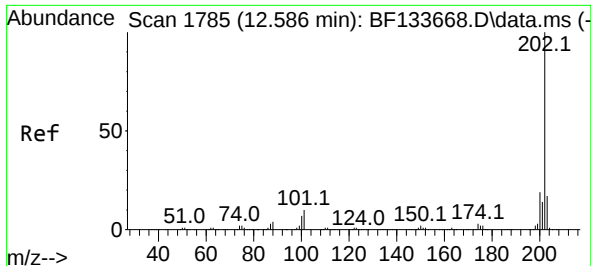
Tgt Ion:167 Resp: 733722
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.6 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 28.227 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

Tgt Ion:149 Resp: 823454
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.5 3.8 5.8

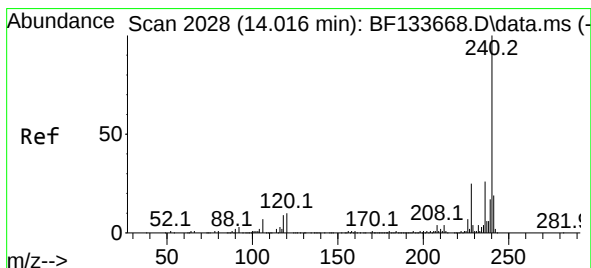
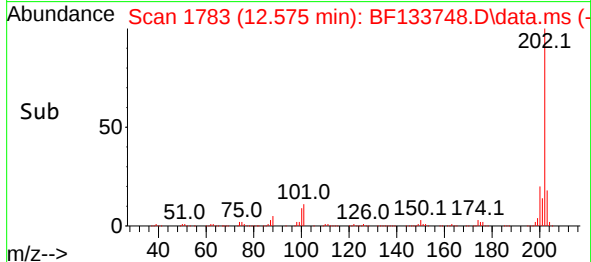
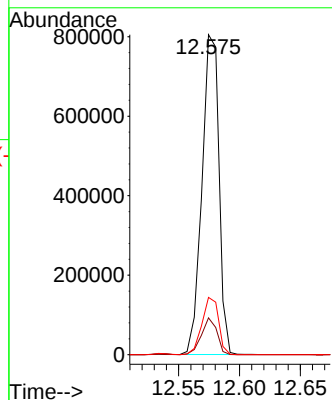
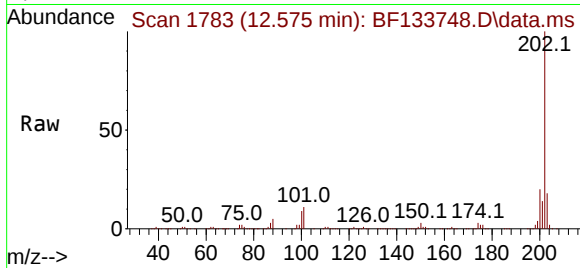




#75
Fluoranthene
Concen: 31.387 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

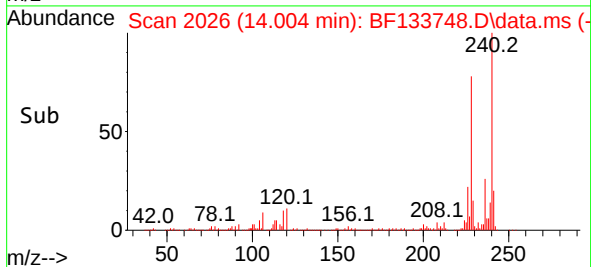
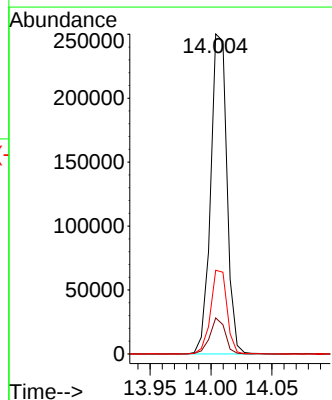
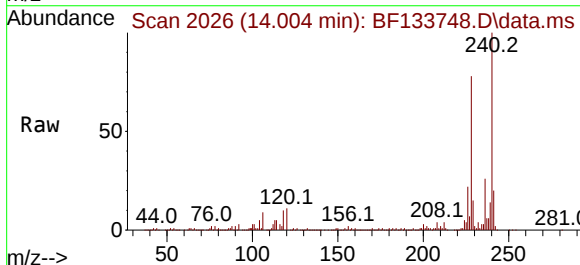
Instrument :
BNA_F
ClientSampleId :
PB153411BS

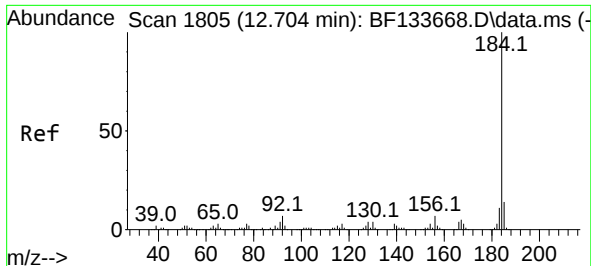
Tgt Ion:202 Resp: 781032
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.6
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:240 Resp: 231708
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.2 20.5 30.7

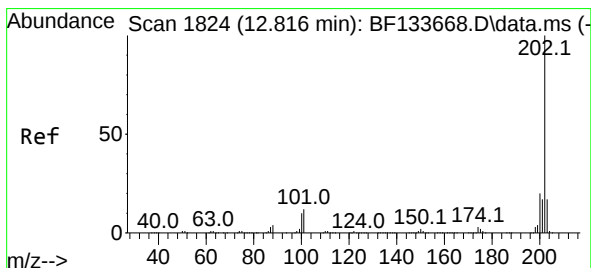
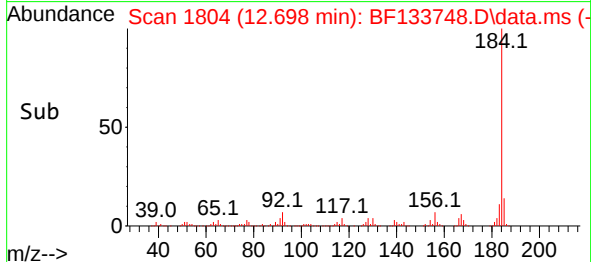
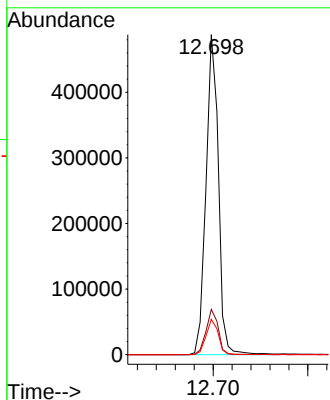
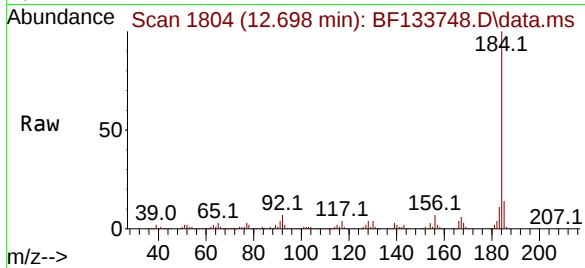




#77
Benzidine
Concen: 56.740 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

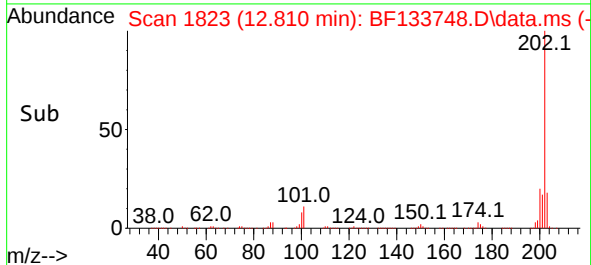
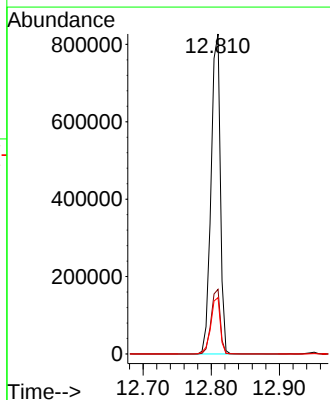
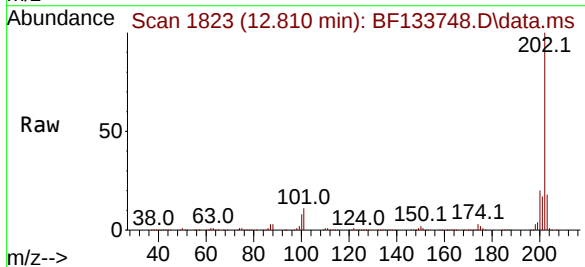
Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:184 Resp: 441167
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.1 8.4 12.6



#78
Pyrene
Concen: 36.127 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:202 Resp: 779772
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.6 13.9 20.9

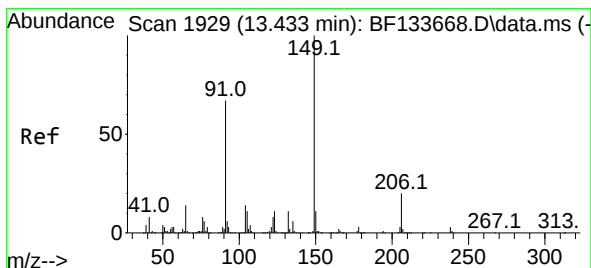
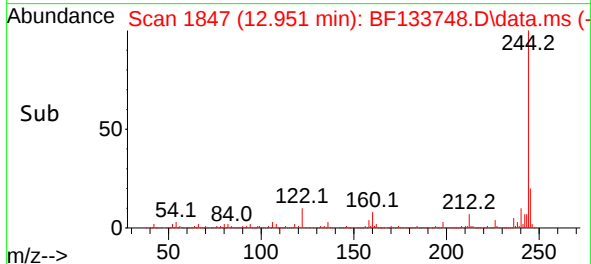
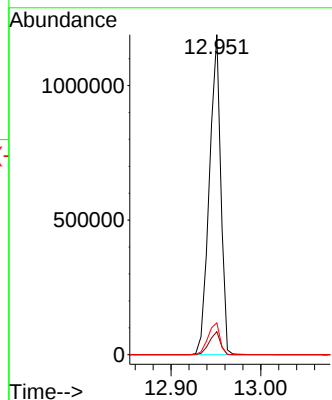
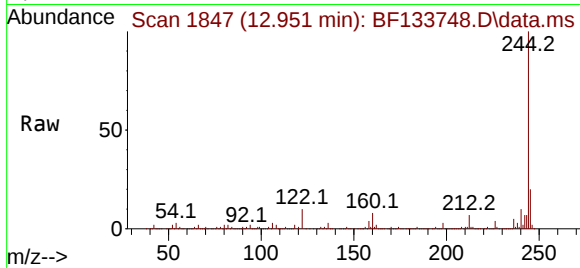




#79
 Terphenyl-d14
 Concen: 70.138 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

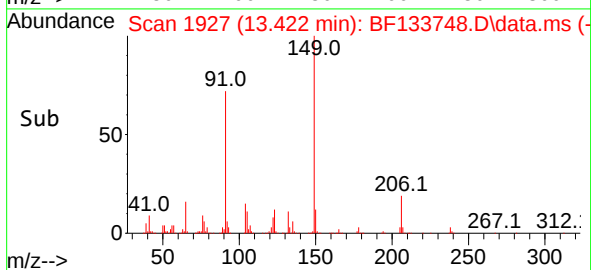
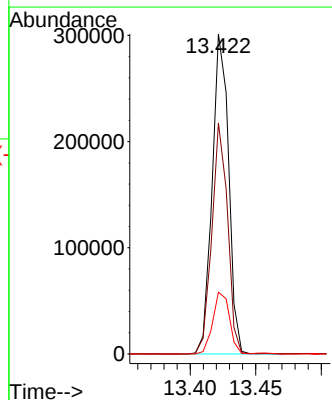
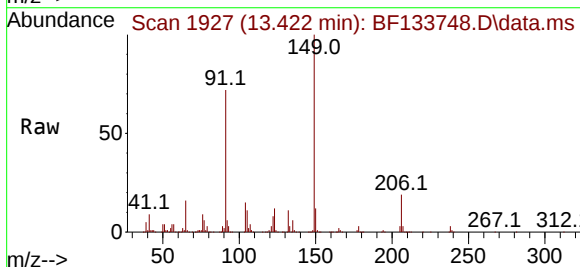
Instrument :
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 ClientSampleId :
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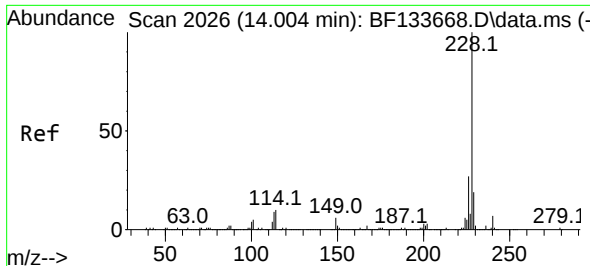
Tgt Ion:244 Resp: 1050288
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.9 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 28.821 ng
 RT: 13.422 min Scan# 1927
 Delta R.T. -0.012 min
 Lab File: BF133748.D
 Acq: 14 Jun 2023 12:38

Tgt Ion:149 Resp: 262628
 Ion Ratio Lower Upper
 149 100
 91 72.2 54.0 81.0
 206 19.3 15.6 23.4

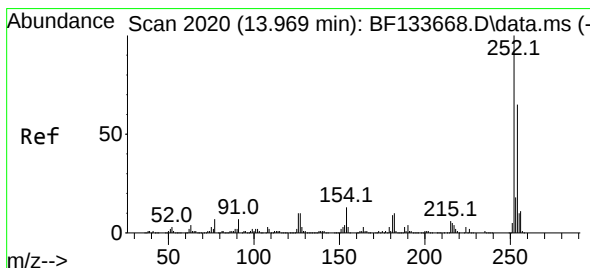
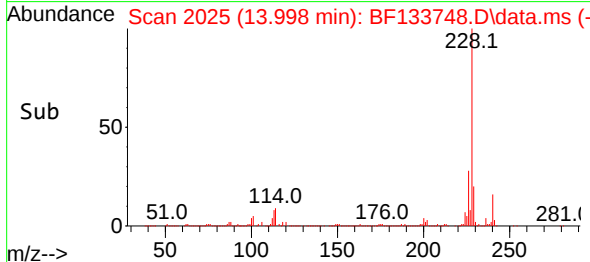
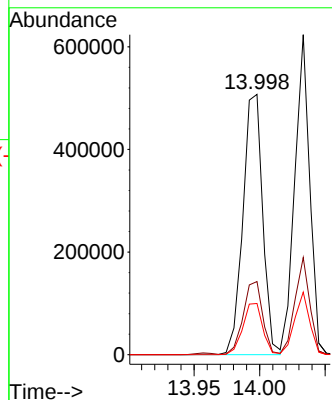
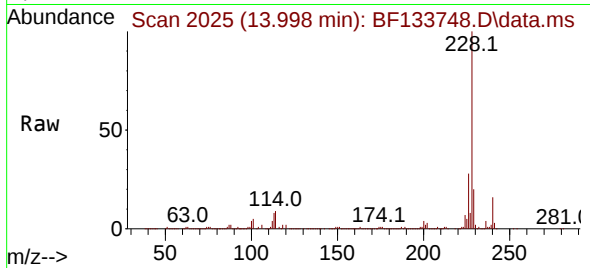




#81
Benzo(a)anthracene
Concen: 33.320 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

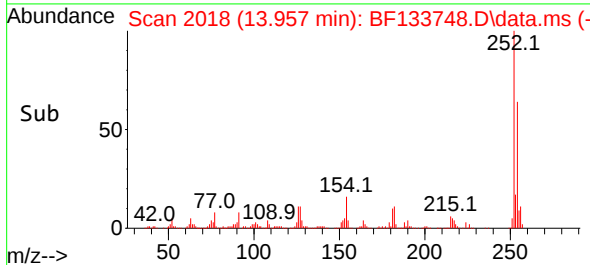
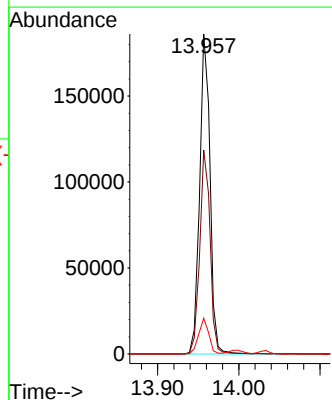
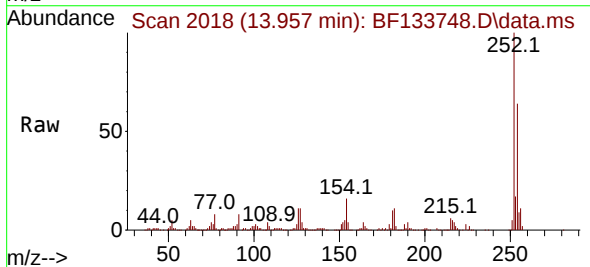
Instrument :
BNA_F
ClientSampleId :
PB153411BS

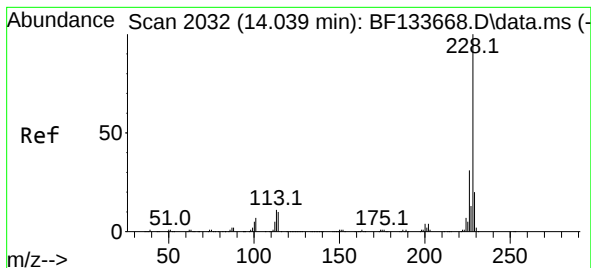
Tgt Ion:228 Resp: 534023
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.064 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:252 Resp: 165524
Ion Ratio Lower Upper
252 100
254 63.7 51.9 77.9
126 11.2 7.7 11.5





#83

Chrysene

Concen: 32.603 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

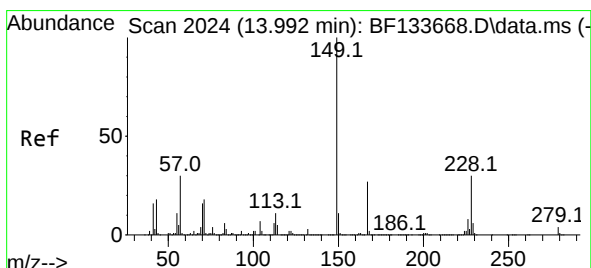
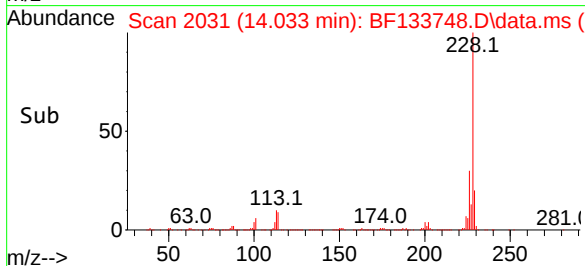
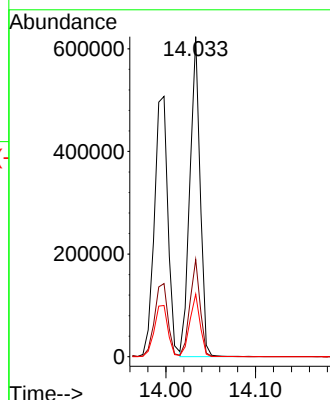
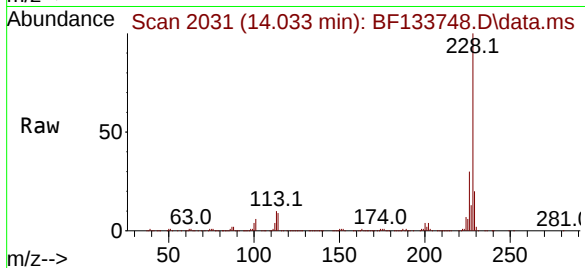
Tgt Ion:228 Resp: 494231

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.634 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

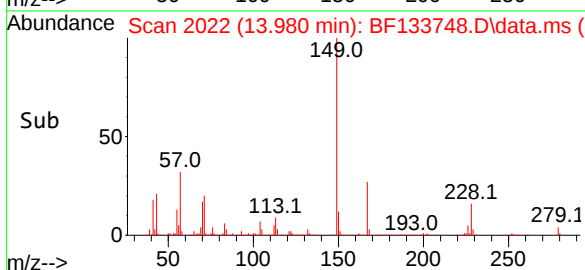
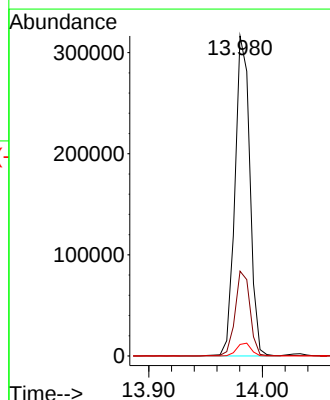
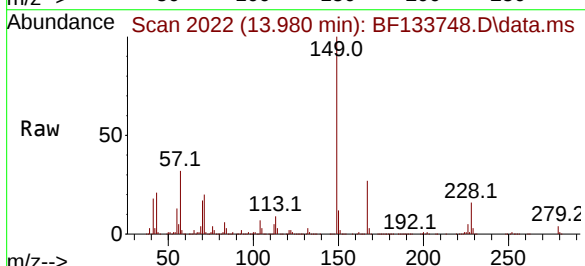
Tgt Ion:149 Resp: 287606

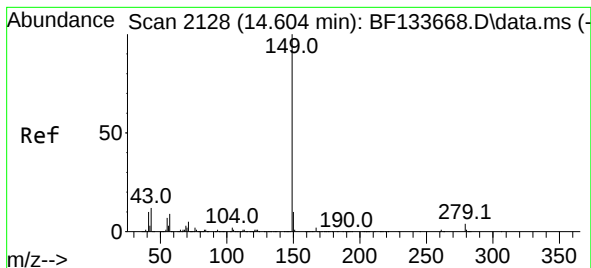
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 28.787 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

PB153411BS

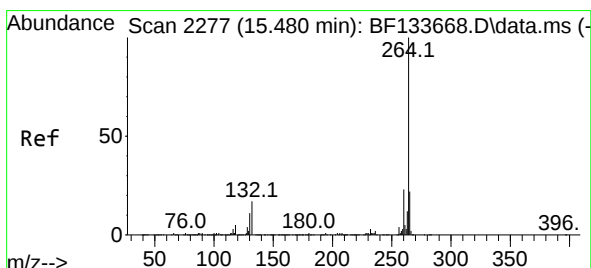
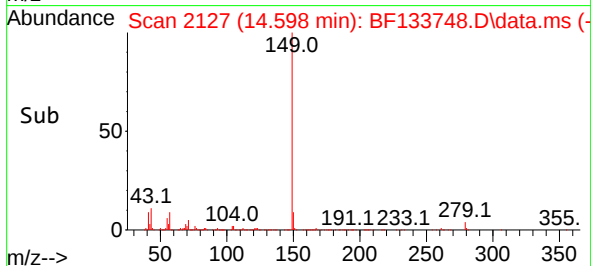
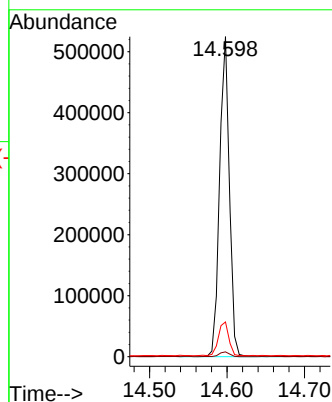
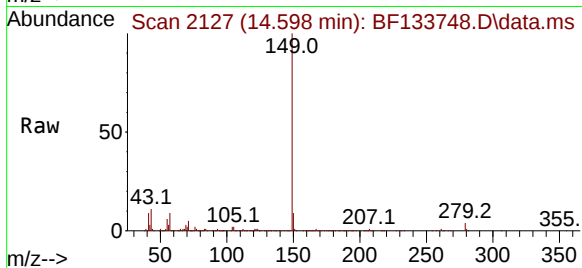
Tgt Ion:149 Resp: 458981

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 11.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF133748.D

Acq: 14 Jun 2023 12:38

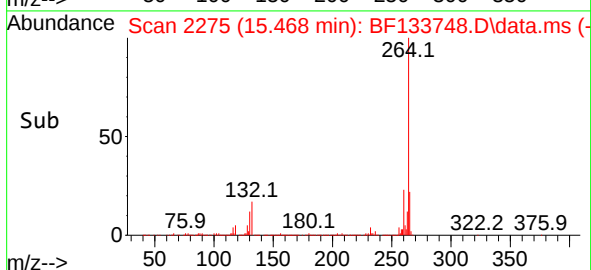
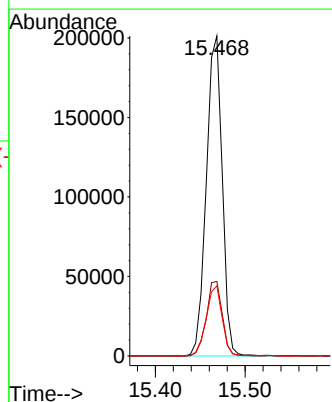
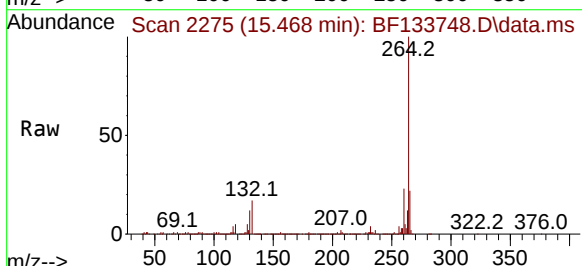
Tgt Ion:264 Resp: 247677

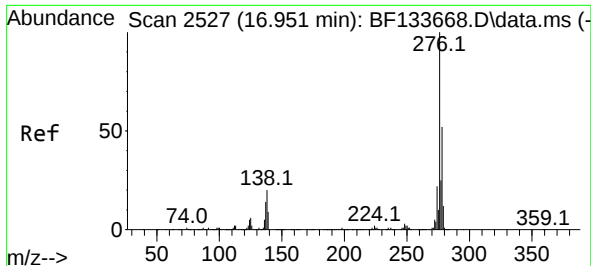
Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.9 17.8 26.6

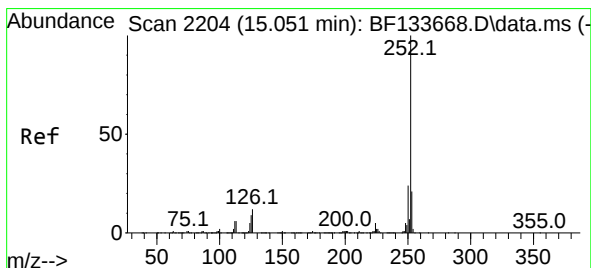
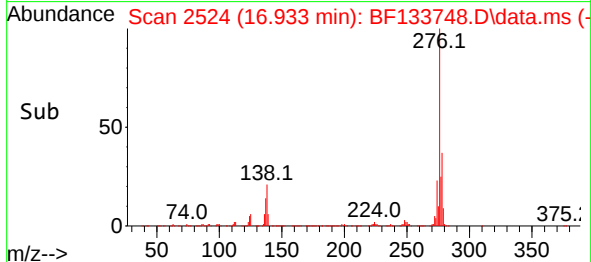
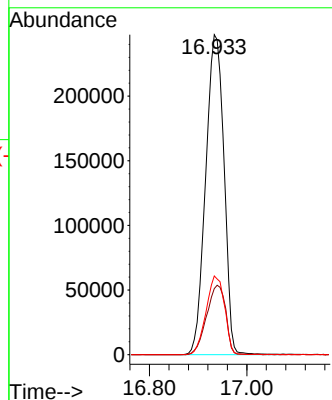
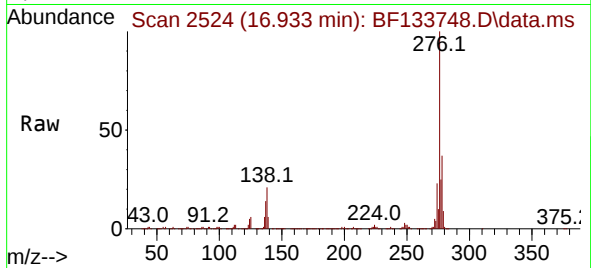




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.880 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

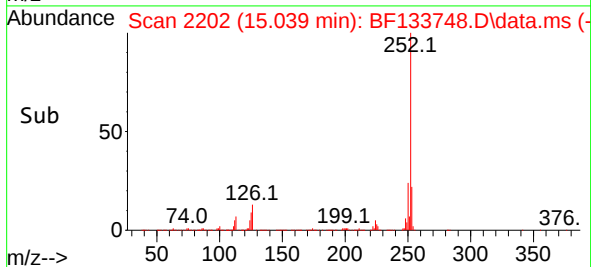
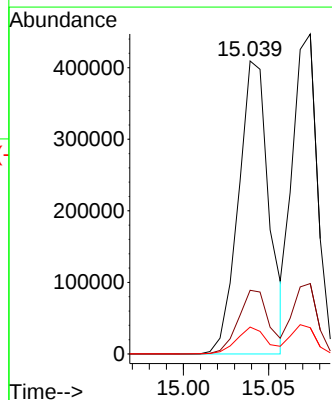
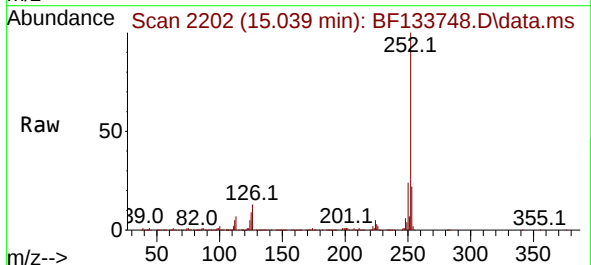
Instrument :
BNA_F
ClientSampleId :
PB153411BS

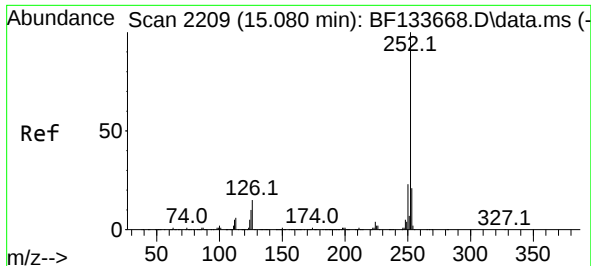
Tgt Ion:276 Resp: 645457
Ion Ratio Lower Upper
276 100
138 22.6 17.9 26.9
277 24.8 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 33.976 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.017 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:252 Resp: 511181
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 9.2 7.3 10.9

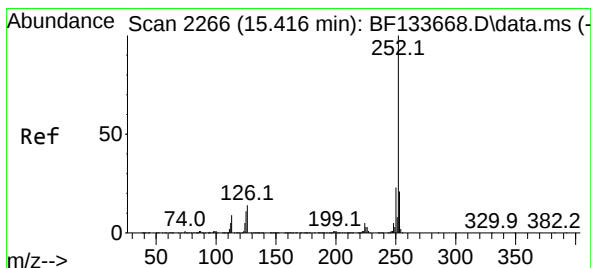
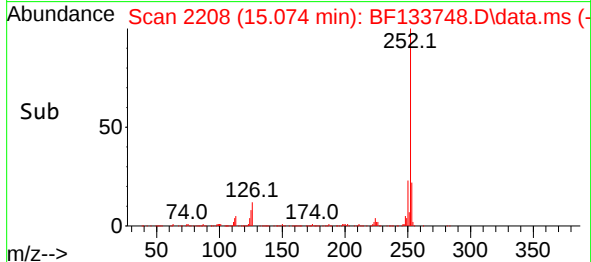
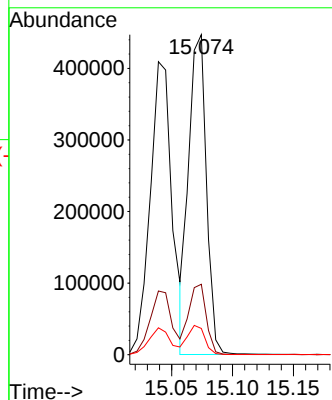
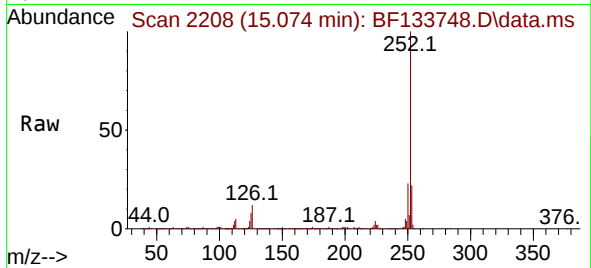




#89
Benzo(k)fluoranthene
Concen: 30.983 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

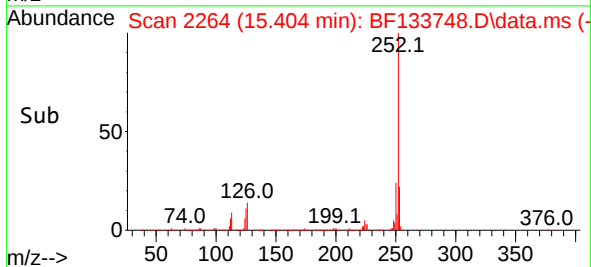
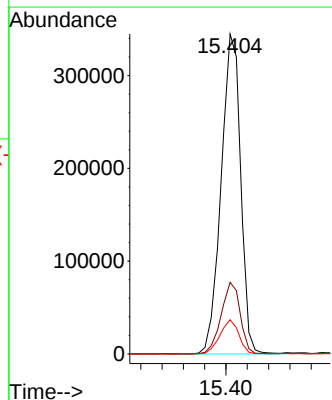
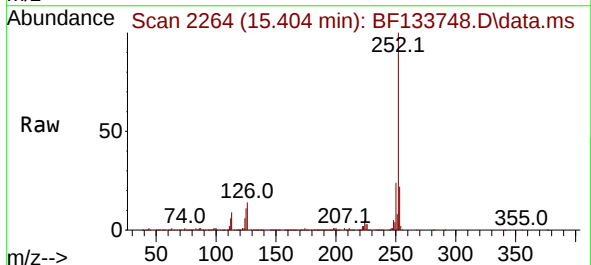
Instrument :
BNA_F
ClientSampleId :
PB153411BS

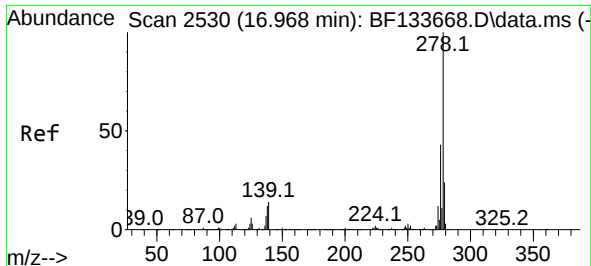
Tgt Ion:252 Resp: 454085
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 8.2 7.8 11.6



#90
Benzo(a)pyrene
Concen: 31.304 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.017 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:252 Resp: 437111
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 10.7 8.6 13.0

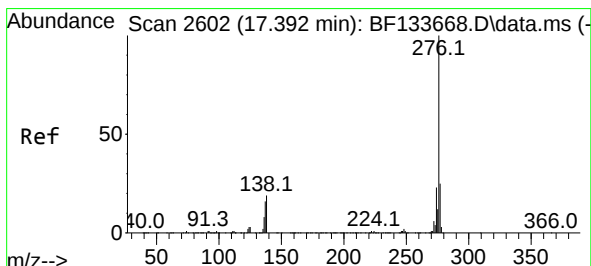
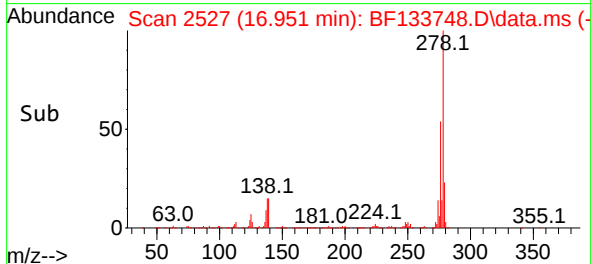
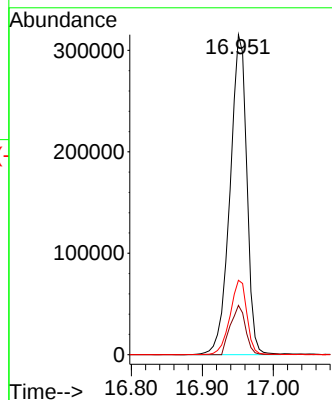
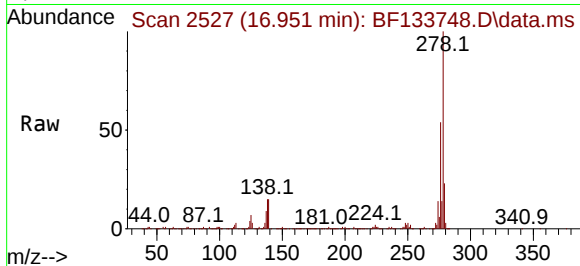




#91
Dibenzo(a,h)anthracene
Concen: 36.799 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
PB153411BS

Tgt Ion:278 Resp: 519115
Ion Ratio Lower Upper
278 100
139 15.4 11.4 17.2
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.493 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF133748.D
Acq: 14 Jun 2023 12:38

Tgt Ion:276 Resp: 538390
Ion Ratio Lower Upper
276 100
277 23.4 19.8 29.8
138 19.2 15.0 22.4

