

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132899.D
 Acq On : 18 Apr 2023 13:14
 Operator : CG\JU
 Sample : PB152177BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152177BS

Quant Time: Apr 18 13:49:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	314937	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1266686	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	651276	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1136960	20.000	ng	0.00
76) Chrysene-d12	13.921	240	738489	20.000	ng	0.00
86) Perylene-d12	15.351	264	781458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2108293	104.677	ng	0.02
7) Phenol-d6	6.398	99	2693905	104.819	ng	0.00
23) Nitrobenzene-d5	7.333	82	1681960	69.214	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	709515	108.616	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2851423	67.259	ng	0.00
79) Terphenyl-d14	12.874	244	3044246	70.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	410002	41.718	ng	99
3) Pyridine	3.245	79	1028005	38.246	ng	98
4) n-Nitrosodimethylamine	3.210	42	543622	42.565	ng	100
6) Aniline	6.428	93	1234559	36.222	ng	100
8) 2-Chlorophenol	6.551	128	909134	44.494	ng	98
9) Benzaldehyde	6.310	77	557523	36.663	ng	98
10) Phenol	6.416	94	1265002	43.776	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	948619	43.467	ng	98
12) 1,3-Dichlorobenzene	6.710	146	989085	44.040	ng	98
13) 1,4-Dichlorobenzene	6.781	146	987192	43.868	ng	98
14) 1,2-Dichlorobenzene	6.939	146	921373	43.851	ng	99
15) Benzyl Alcohol	6.910	79	820656	46.593	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.045	45	1695399	44.896	ng	100
17) 2-Methylphenol	7.022	107	797381	42.607	ng	100
18) Hexachloroethane	7.281	117	355102	45.468	ng	96
19) n-Nitroso-di-n-propyla...	7.186	70	702586	43.797	ng	95
20) 3+4-Methylphenols	7.175	107	950218	42.957	ng	95
22) Acetophenone	7.181	105	1271540	42.791	ng	# 99
24) Nitrobenzene	7.351	77	1032246	41.442	ng	99
25) Isophorone	7.592	82	1962457	42.575	ng	98
26) 2-Nitrophenol	7.669	139	479126	50.991	ng	99
27) 2,4-Dimethylphenol	7.710	122	864302	45.092	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	1165527	42.291	ng	99
29) 2,4-Dichlorophenol	7.910	162	788919	44.220	ng	98
30) 1,2,4-Trichlorobenzene	7.992	180	831229	43.150	ng	99
31) Naphthalene	8.075	128	2625279	41.013	ng	100
32) Benzoic acid	7.833	122	502659	52.296	ng	98
33) 4-Chloroaniline	8.116	127	377008	14.380	ng	99
34) Hexachlorobutadiene	8.192	225	460845	41.817	ng	98
35) Caprolactam	8.498	113	168367	31.690	ng	92
36) 4-Chloro-3-methylphenol	8.604	107	844465	45.096	ng	96
37) 2-Methylnaphthalene	8.763	142	1759255	39.930	ng	99
38) 1-Methylnaphthalene	8.863	142	1745349	42.515	ng	98
40) 1,2,4,5-Tetrachloroben...	8.933	216	756898	41.089	ng	99
41) Hexachlorocyclopentadiene	8.922	237	1026468	105.719	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	523515	44.832	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132899.D
 Acq On : 18 Apr 2023 13:14
 Operator : CG\JU
 Sample : PB152177BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152177BS

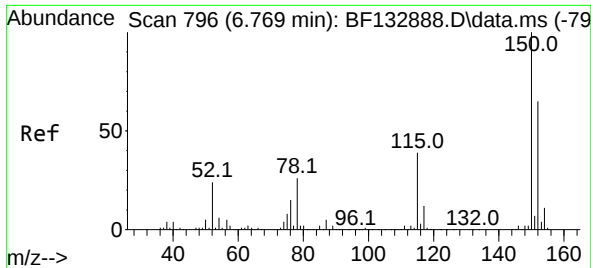
Quant Time: Apr 18 13:49:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	565706	41.429	ng	96
46) 1,1'-Biphenyl	9.233	154	2164787	41.929	ng	99
47) 2-Chloronaphthalene	9.251	162	1632596	42.731	ng	98
48) 2-Nitroaniline	9.345	65	516844	46.761	ng	99
49) Acenaphthylene	9.669	152	2503973	41.091	ng	99
50) Dimethylphthalate	9.533	163	1870872	41.550	ng	99
51) 2,6-Dinitrotoluene	9.592	165	440205	44.591	ng	99
52) Acenaphthene	9.839	154	1762040	44.872	ng	100
53) 3-Nitroaniline	9.757	138	333086	29.650	ng	93
54) 2,4-Dinitrophenol	9.863	184	400775	104.215	ng	91
55) Dibenzofuran	10.016	168	2246150	40.316	ng	98
56) 4-Nitrophenol	9.916	139	756551	90.660	ng	89
57) 2,4-Dinitrotoluene	9.992	165	577805	47.423	ng	98
58) Fluorene	10.357	166	1657056	40.603	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	476482	44.962	ng	100
60) Diethylphthalate	10.233	149	1795435	42.672	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	841780	40.552	ng	92
62) 4-Nitroaniline	10.374	138	457702	42.389	ng	95
63) Azobenzene	10.510	77	1930595	41.077	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	258394	47.455	ng	99
66) n-Nitrosodiphenylamine	10.469	169	1523188	41.135	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	544275	41.922	ng	97
68) Hexachlorobenzene	10.904	284	597860	44.386	ng	99
69) Atrazine	10.998	200	497574	48.075	ng	99
70) Pentachlorophenol	11.092	266	694179	79.866	ng	99
71) Phenanthrene	11.316	178	2480374	40.558	ng	99
72) Anthracene	11.363	178	2551224	40.752	ng	100
73) Carbazole	11.516	167	2249575	41.529	ng	99
74) Di-n-butylphthalate	11.857	149	2661620	45.835	ng	99
75) Fluoranthene	12.498	202	2473899	40.678	ng	99
77) Benzidine	12.621	184	1164138	101.195	ng	98
78) Pyrene	12.727	202	2529984	41.897	ng	99
80) Butylbenzylphthalate	13.351	149	724741	49.549	ng	95
81) Benzo(a)anthracene	13.909	228	2132560	42.462	ng	100
82) 3,3'-Dichlorobenzidine	13.874	252	383262	31.548	ng	98
83) Chrysene	13.951	228	2077175	41.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	1077091	56.389	ng	100
85) Di-n-octyl phthalate	14.527	149	2084848	49.922	ng	97
87) Indeno(1,2,3-cd)pyrene	16.750	276	2019868	45.235	ng	100
88) Benzo(b)fluoranthene	14.945	252	2152397	44.218	ng	99
89) Benzo(k)fluoranthene	14.974	252	2073103	42.753	ng	100
90) Benzo(a)pyrene	15.292	252	1827539	41.095	ng	97
91) Dibenzo(a,h)anthracene	16.774	278	1706481	44.852	ng	97
92) Benzo(g,h,i)perylene	17.174	276	1584439	43.494	ng	99

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

Quant Time: Apr 18 13:49:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

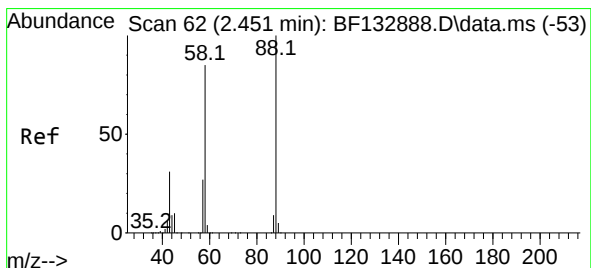
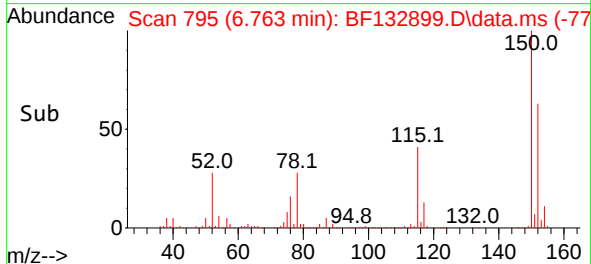
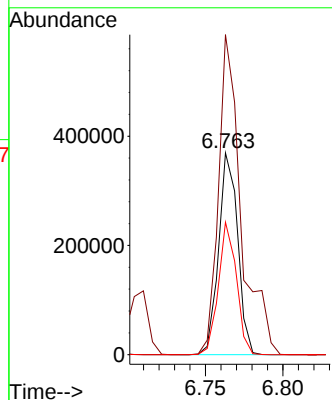
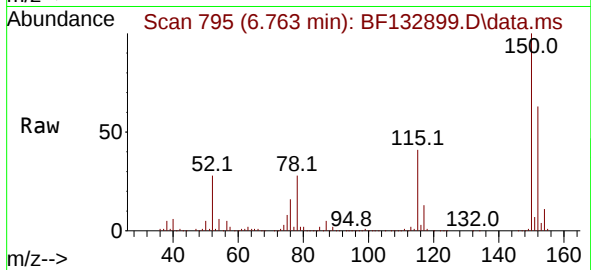




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

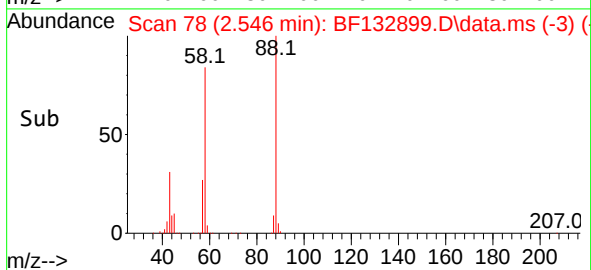
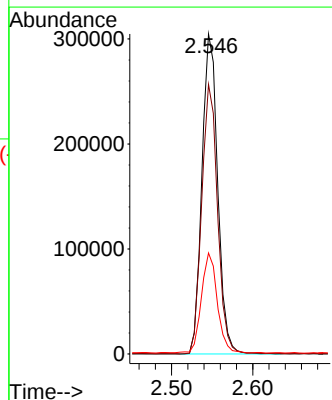
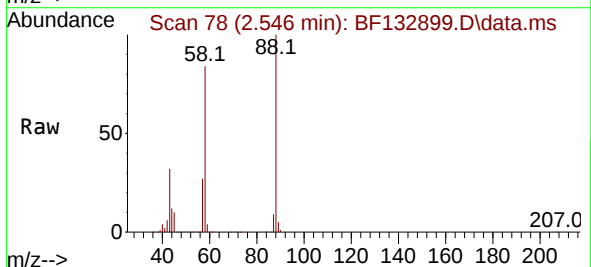
Instrument :
 BNA_F
 ClientSampleId :
 PB152177BS

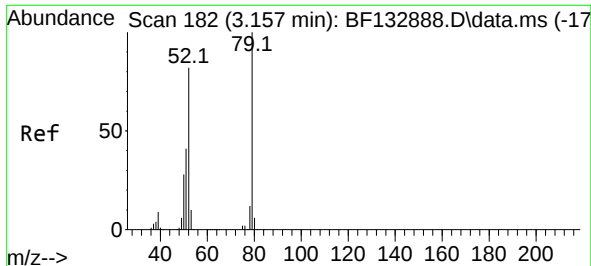
Tgt Ion:152 Resp: 314937
 Ion Ratio Lower Upper
 152 100
 150 158.6 122.8 184.2
 115 65.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 41.718 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.094 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

Tgt Ion: 88 Resp: 410002
 Ion Ratio Lower Upper
 88 100
 58 85.2 67.8 101.6
 43 31.4 25.4 38.0

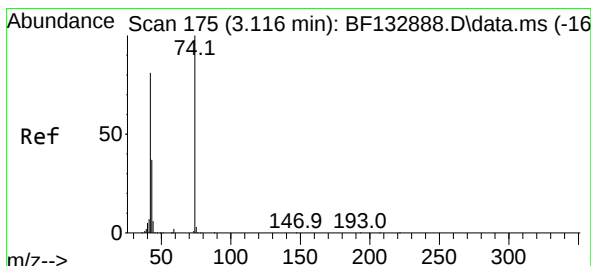
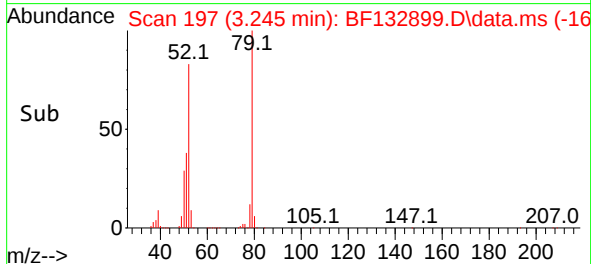
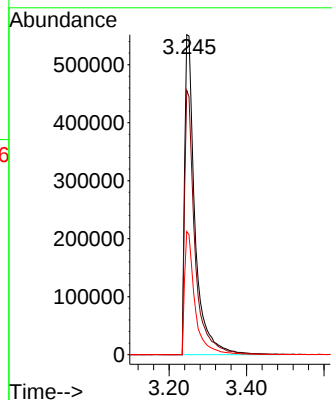
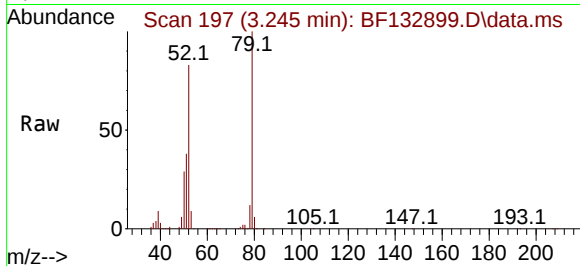




#3
Pyridine
Concen: 38.246 ng
RT: 3.245 min Scan# 19
Delta R.T. 0.088 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

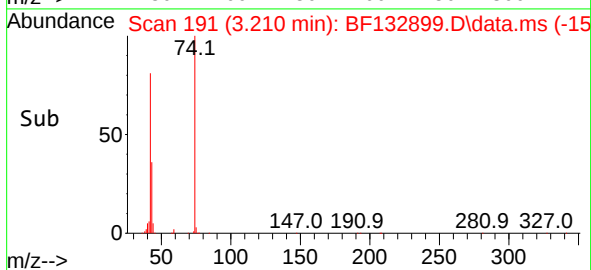
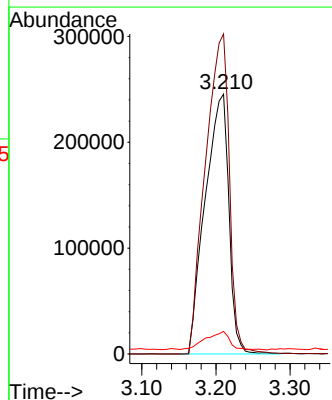
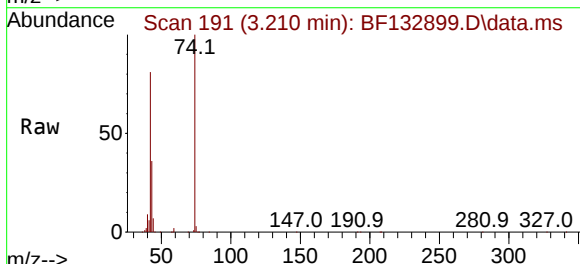
Instrument :
BNA_F
ClientSampleId :
PB152177BS

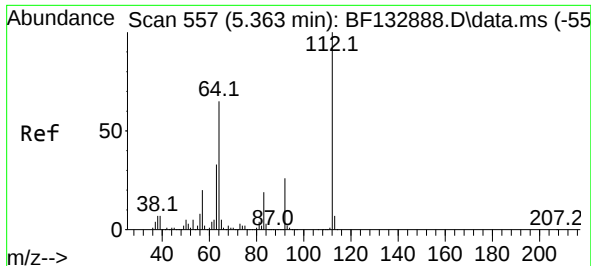
Tgt Ion: 79 Resp: 1028005
Ion Ratio Lower Upper
79 100
52 82.6 65.4 98.0
51 38.4 32.6 48.8



#4
n-Nitrosodimethylamine
Concen: 42.565 ng
RT: 3.210 min Scan# 191
Delta R.T. 0.094 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 42 Resp: 543622
Ion Ratio Lower Upper
42 100
74 123.2 98.4 147.6
44 8.7 6.1 9.1

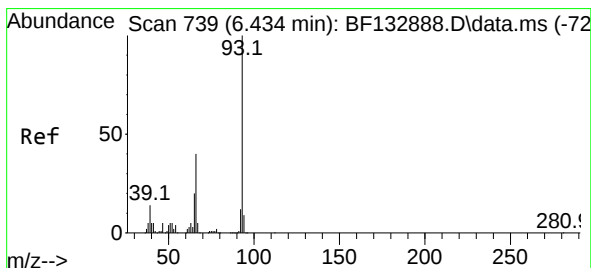
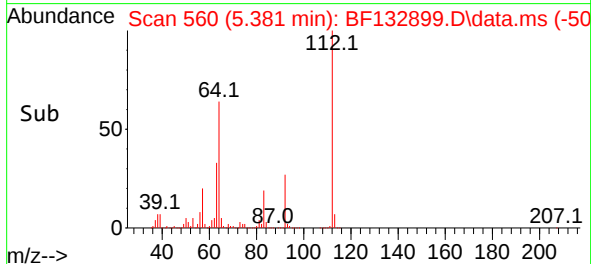
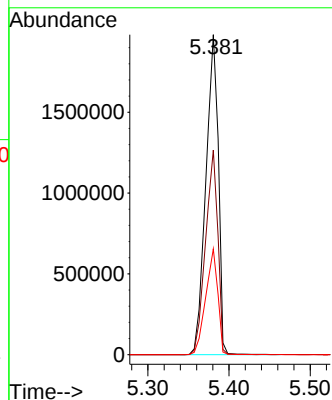
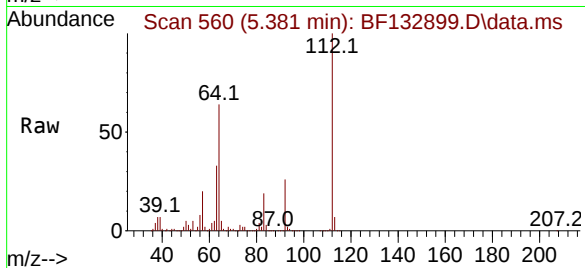




#5
2-Fluorophenol
Concen: 104.677 ng
RT: 5.381 min Scan# 509
Delta R.T. 0.018 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

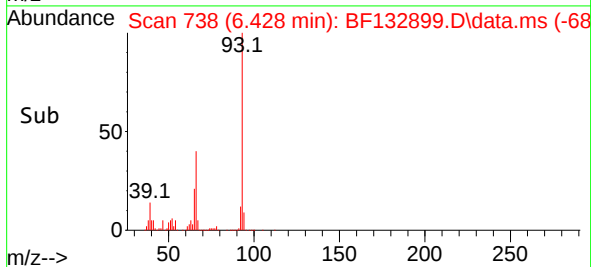
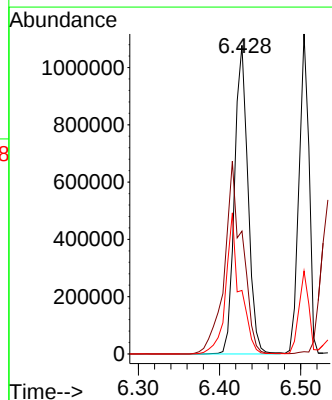
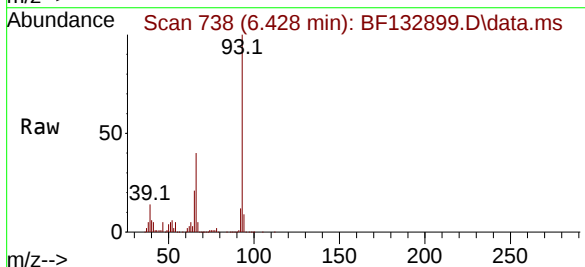
Instrument :
BNA_F
ClientSampleId :
PB152177BS

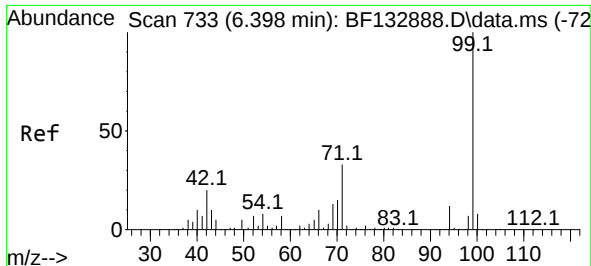
Tgt Ion:112 Resp: 2108293
Ion Ratio Lower Upper
112 100
64 64.0 51.8 77.8
63 33.1 26.3 39.5



#6
Aniline
Concen: 36.222 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 93 Resp: 1234559
Ion Ratio Lower Upper
93 100
66 39.8 31.8 47.6
65 20.6 16.3 24.5

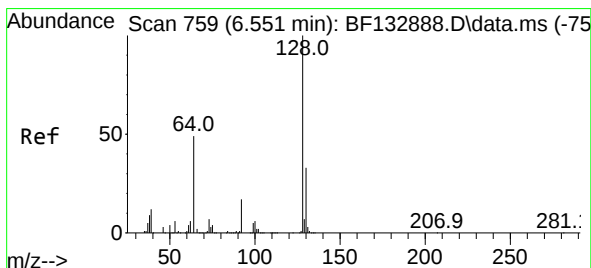
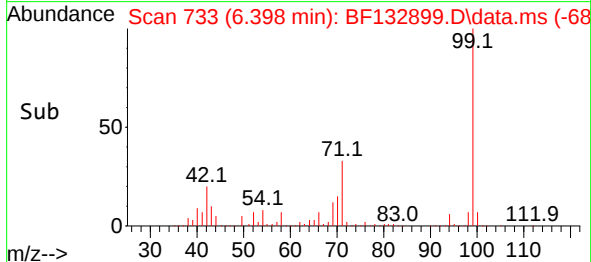
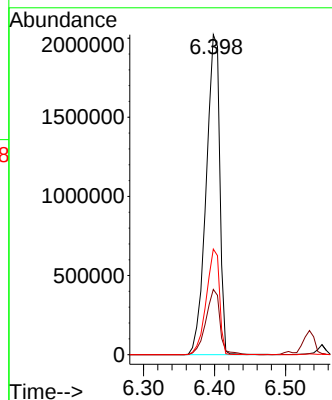
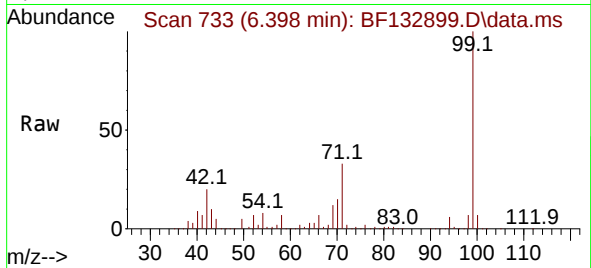




#7
Phenol-d6
Concen: 104.819 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

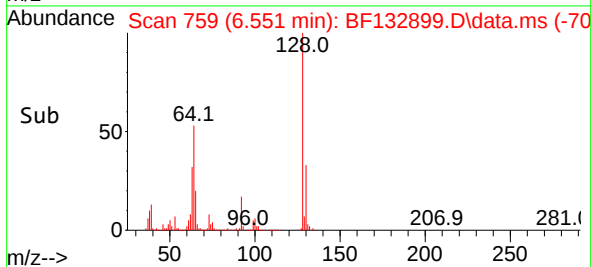
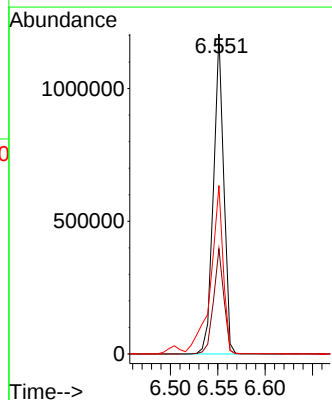
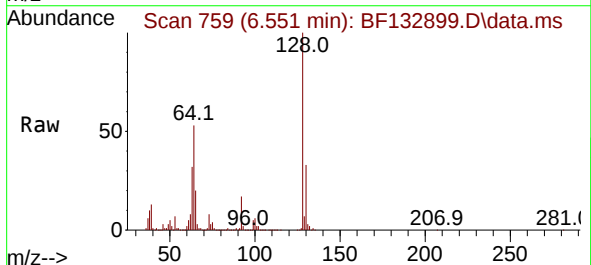
Instrument :
BNA_F
ClientSampleId :
PB152177BS

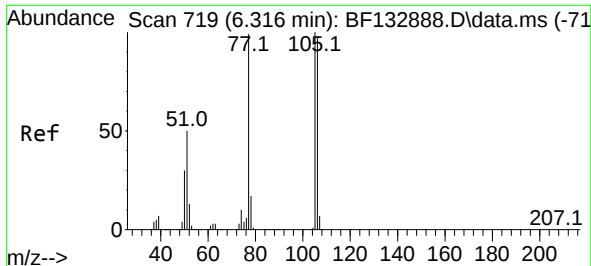
Tgt Ion: 99 Resp: 2693905
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.0 26.1 39.1



#8
2-Chlorophenol
Concen: 44.494 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:128 Resp: 909134
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 52.6 30.9 70.9

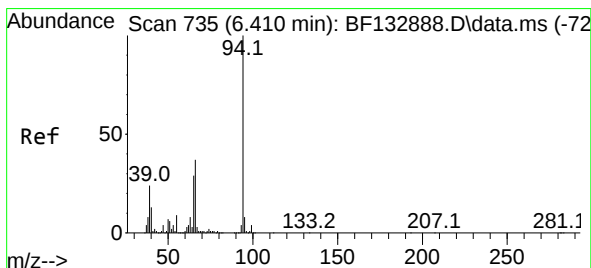
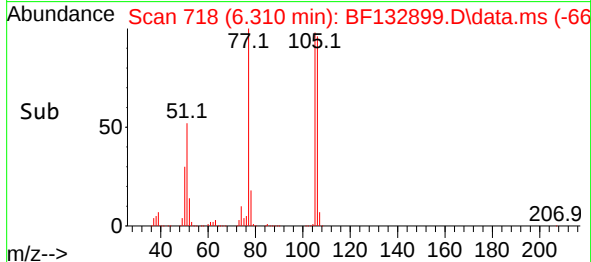
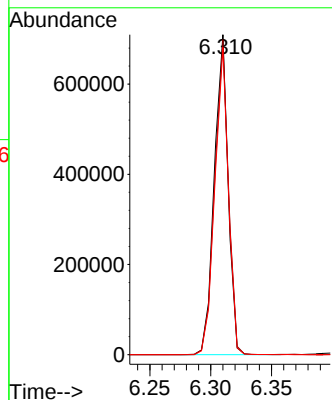
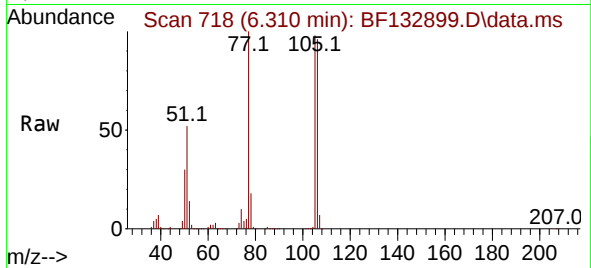




#9
Benzaldehyde
Concen: 36.663 ng
RT: 6.310 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

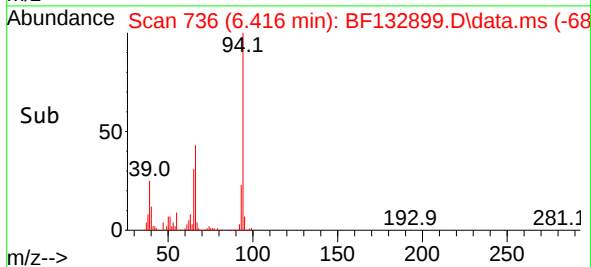
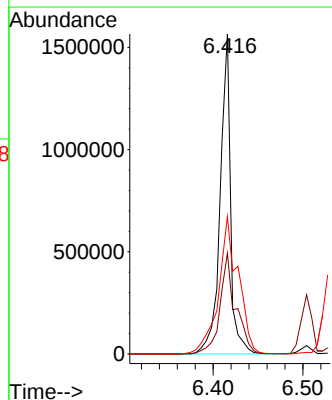
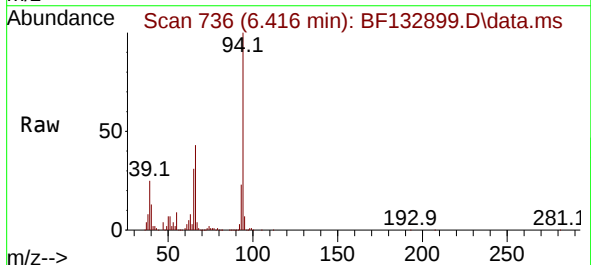
Instrument :
BNA_F
ClientSampleId :
PB152177BS

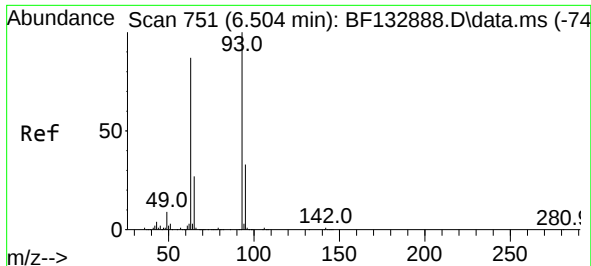
Tgt Ion: 77 Resp: 557523
Ion Ratio Lower Upper
77 100
105 98.4 80.8 120.8
106 96.0 77.9 117.9



#10
Phenol
Concen: 43.776 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 94 Resp: 1265002
Ion Ratio Lower Upper
94 100
65 31.5 9.0 49.0
66 43.0 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 43.467 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF132899.D

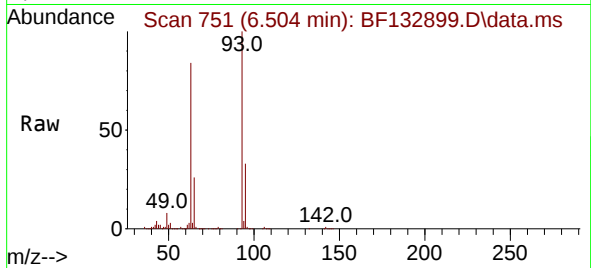
Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS



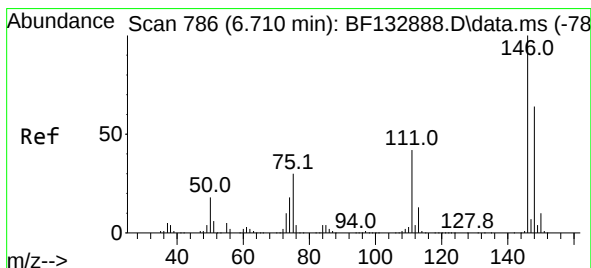
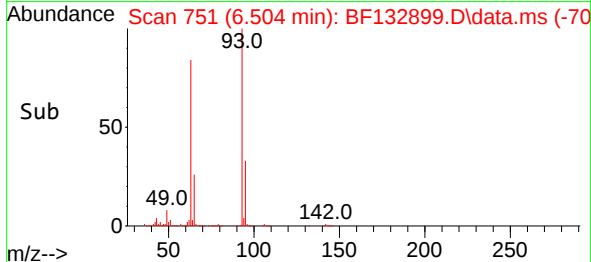
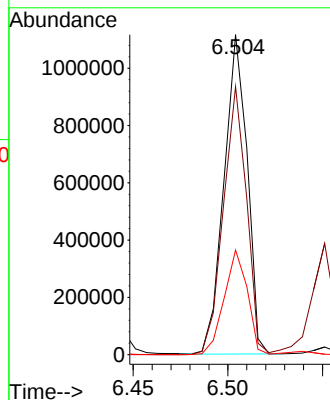
Tgt Ion: 93 Resp: 948619

Ion Ratio Lower Upper

93 100

63 83.8 66.7 106.7

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 44.040 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

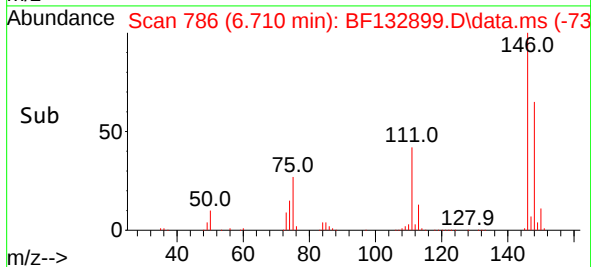
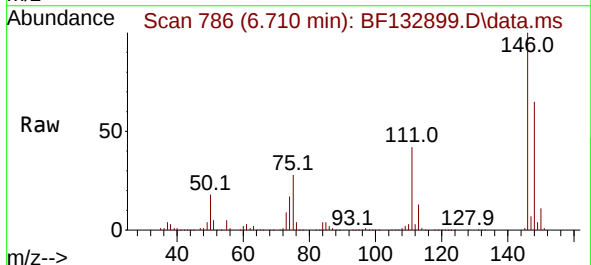
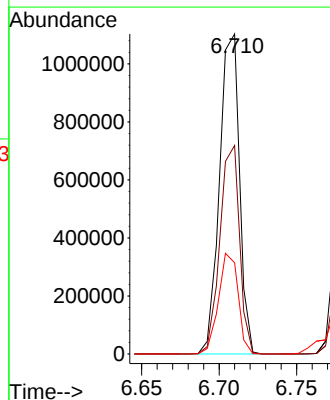
Tgt Ion:146 Resp: 989085

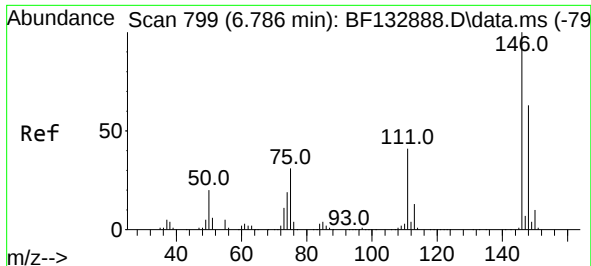
Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

75 28.5 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 43.868 ng

RT: 6.781 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

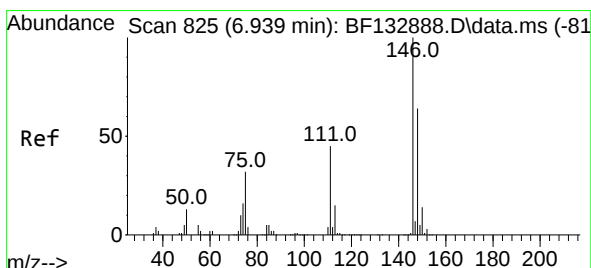
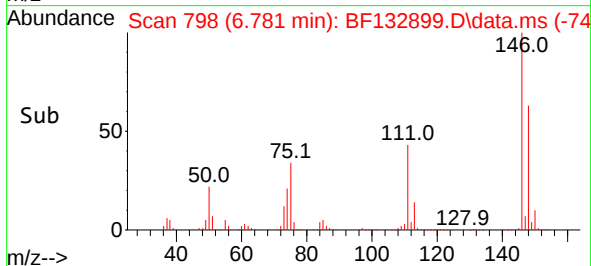
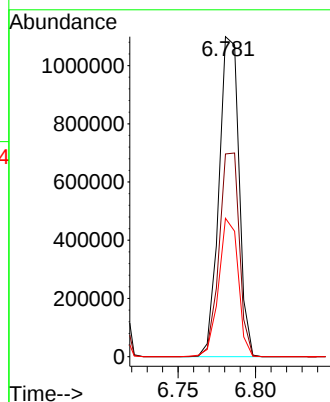
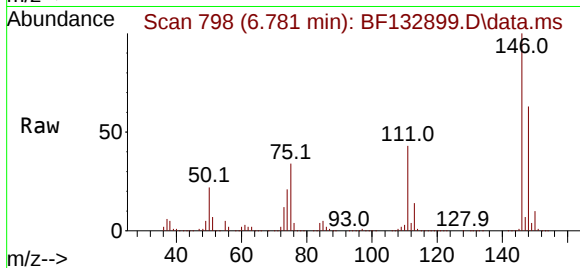
Tgt Ion:146 Resp: 987192

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 43.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 43.851 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

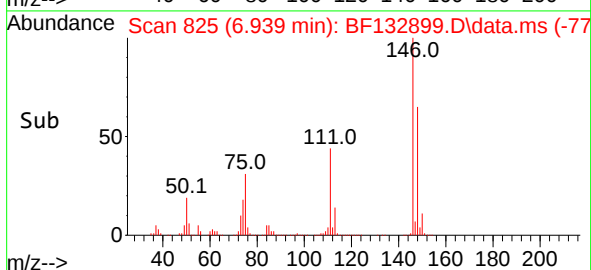
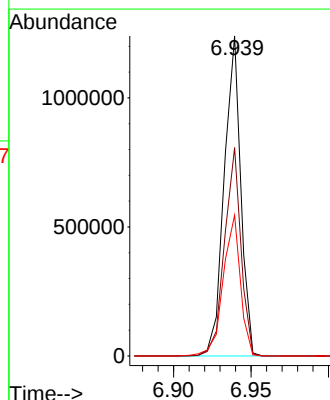
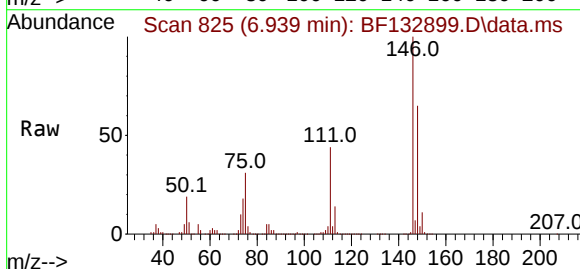
Tgt Ion:146 Resp: 921373

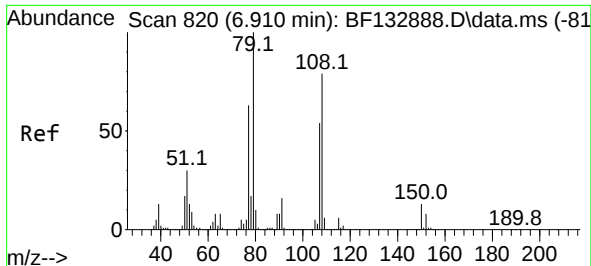
Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

111 44.0 36.0 54.0

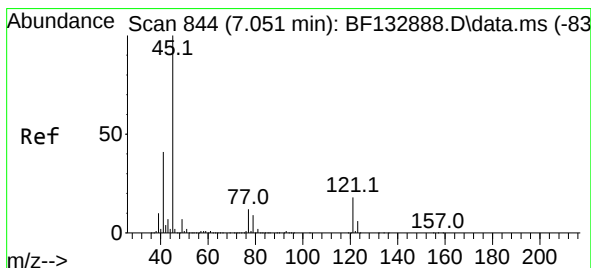
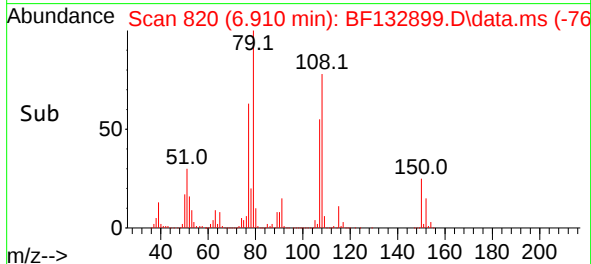
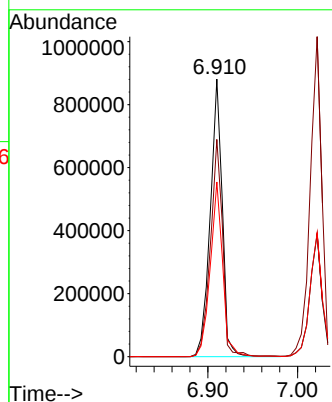
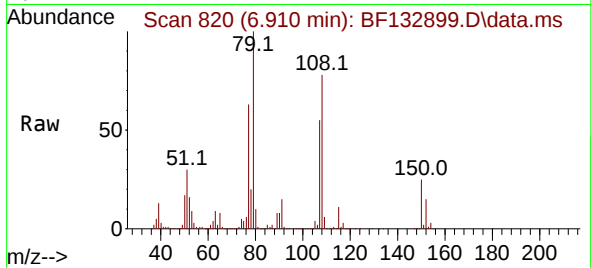




#15
Benzyl Alcohol
Concen: 46.593 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

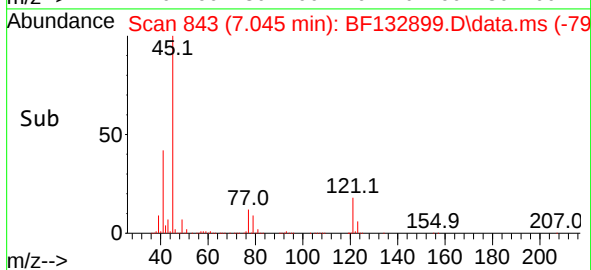
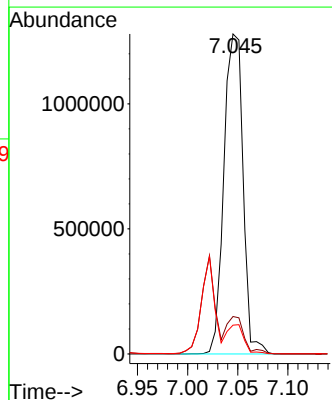
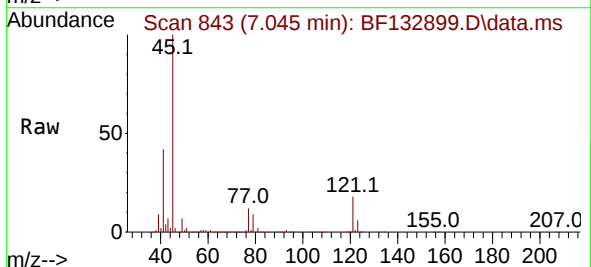
Instrument :
BNA_F
ClientSampleId :
PB152177BS

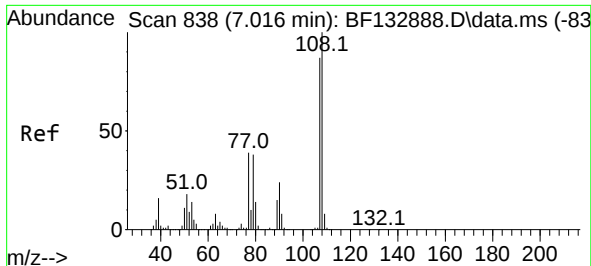
Tgt Ion: 79 Resp: 820656
Ion Ratio Lower Upper
79 100
108 78.2 63.0 94.6
77 62.9 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.896 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

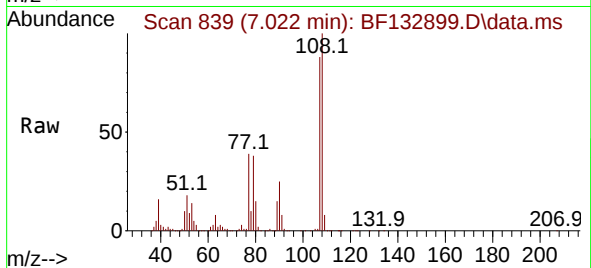
Tgt Ion: 45 Resp: 1695399
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.6
79 9.0 0.0 29.2



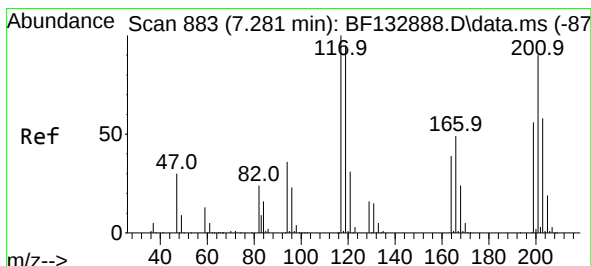
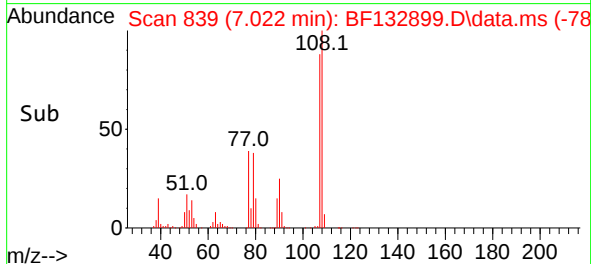
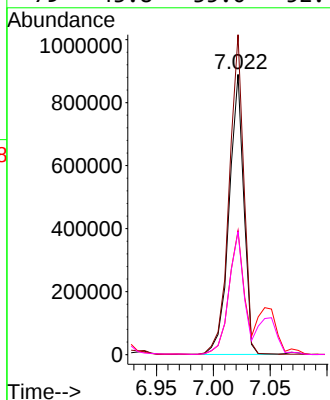


#17
2-Methylphenol
Concen: 42.607 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS

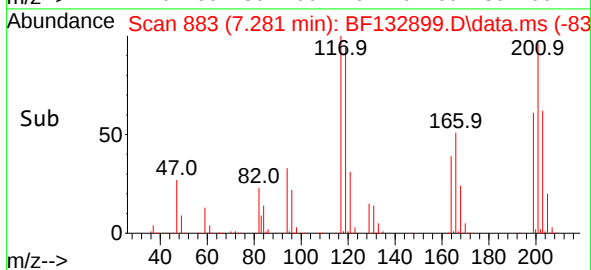
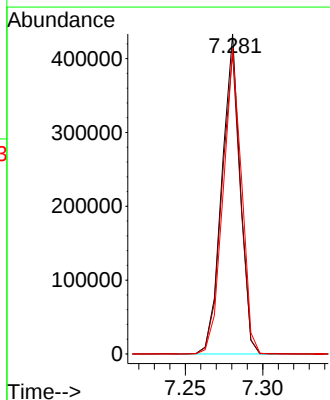
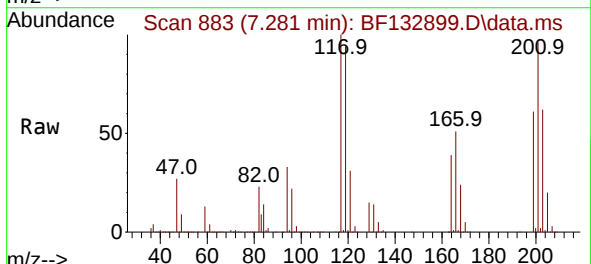


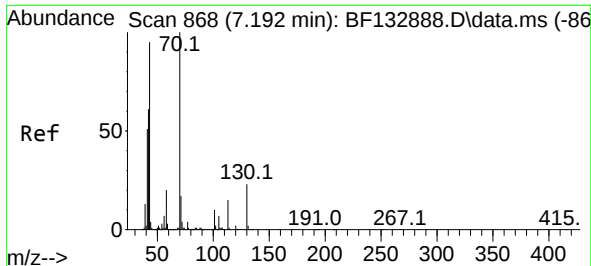
Tgt Ion:107 Resp: 797381
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 44.2 35.8 53.8
79 43.8 35.0 52.4



#18
Hexachloroethane
Concen: 45.468 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:117 Resp: 355102
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1
201 95.6 71.8 107.6



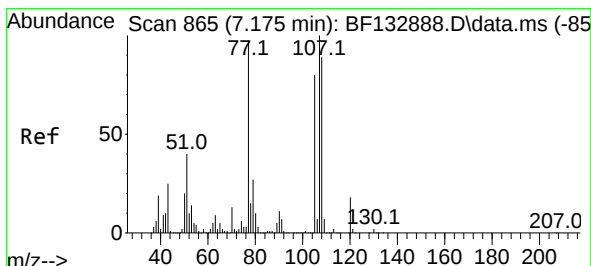
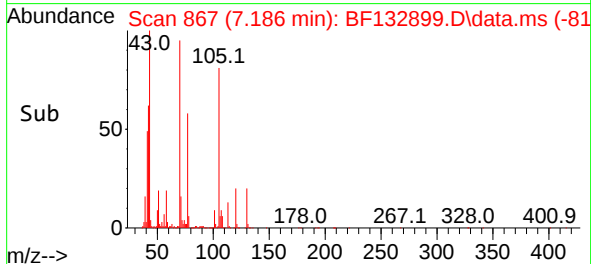
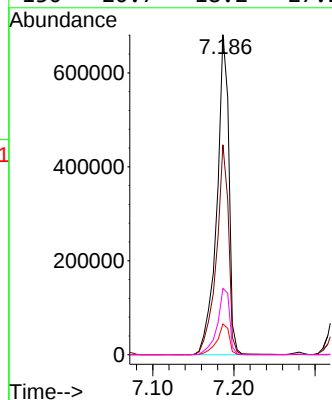
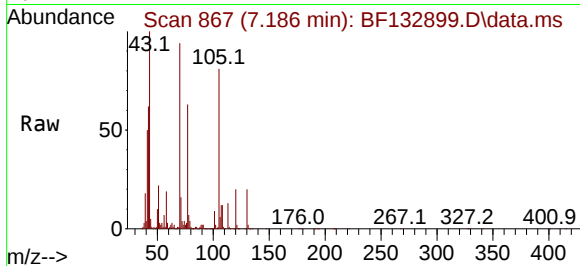


#19
n-Nitroso-di-n-propylamine
Concen: 43.797 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS

Tgt Ion: 70 Resp: 702586

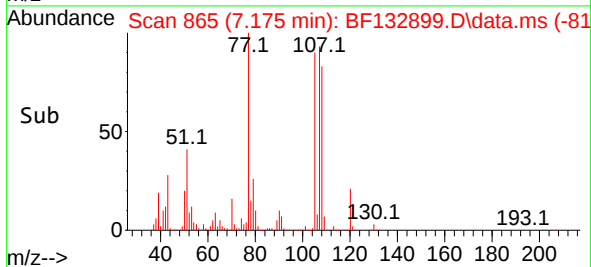
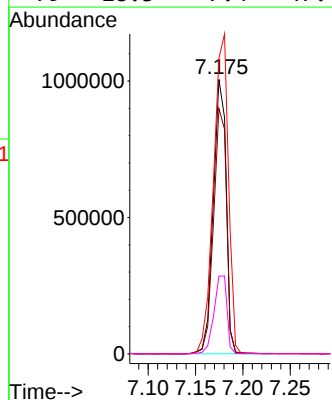
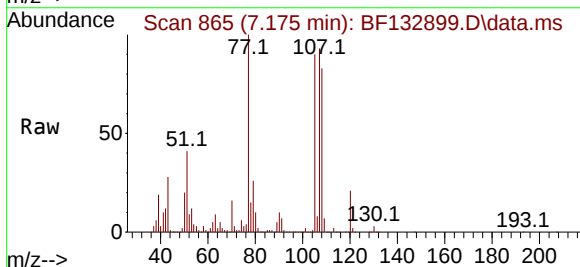
Ion	Ratio	Lower	Upper
70	100		
42	65.6	49.0	73.6
101	9.6	8.1	12.1
130	20.7	18.2	27.2

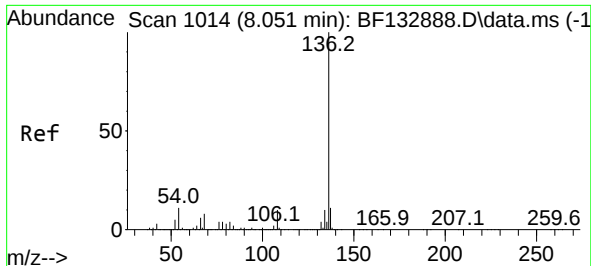


#20
3+4-Methylphenols
Concen: 42.957 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 107 Resp: 950218

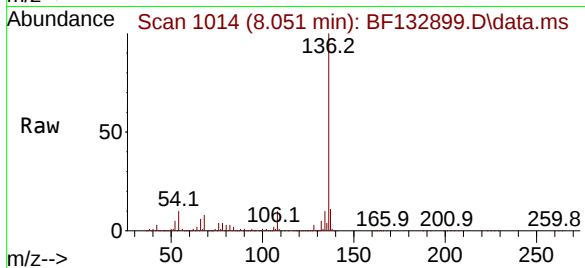
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.5	108.5
77	107.6	77.1	117.1
79	28.3	7.4	47.4





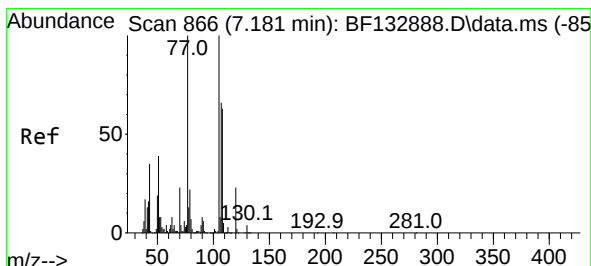
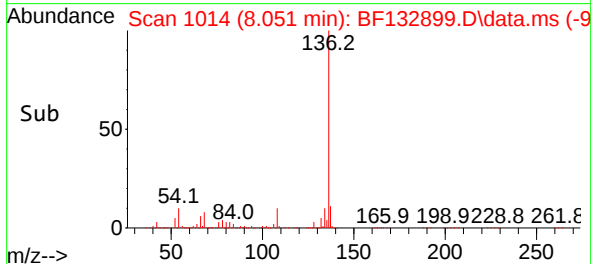
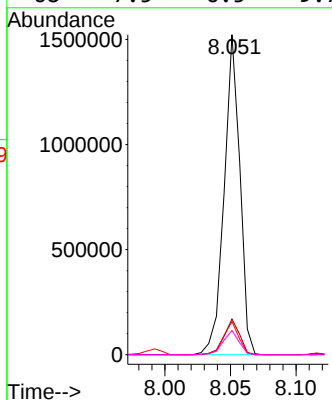
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS



Tgt Ion:136 Resp: 1266686

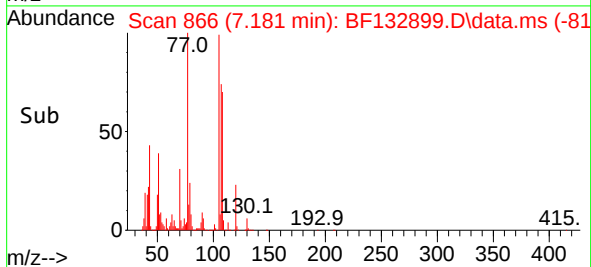
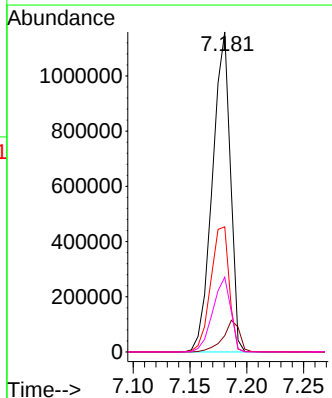
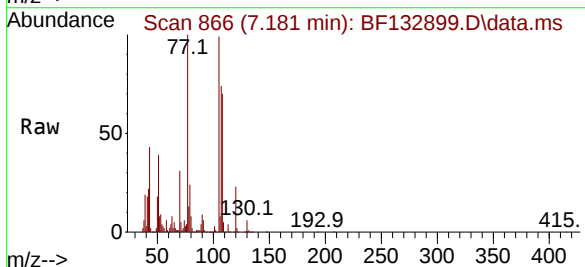
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.4	8.9	13.3
68	7.5	6.5	9.7

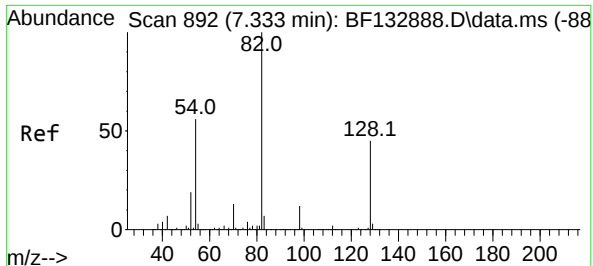


#22
Acetophenone
Concen: 42.791 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:105 Resp: 1271540

Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.1	4.7#
51	39.1	31.4	47.2
120	23.3	18.6	27.8





#23

Nitrobenzene-d5

Concen: 69.214 ng

RT: 7.333 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

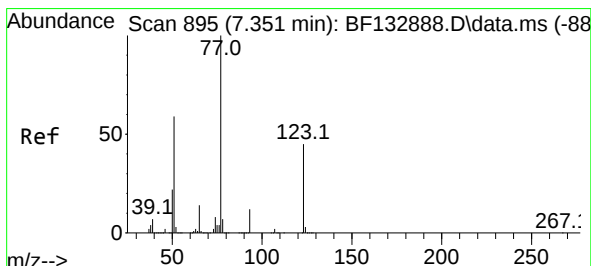
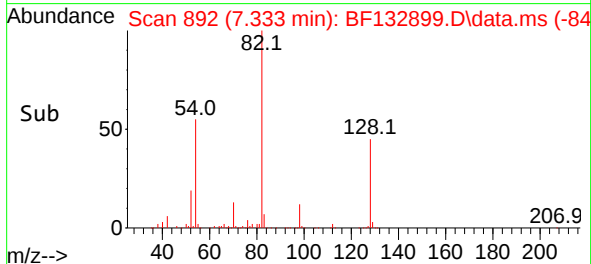
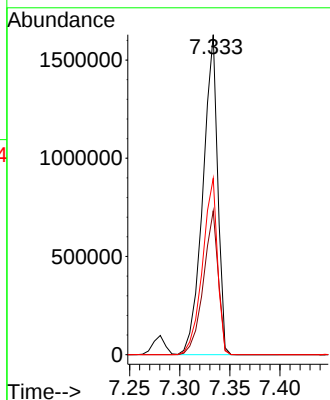
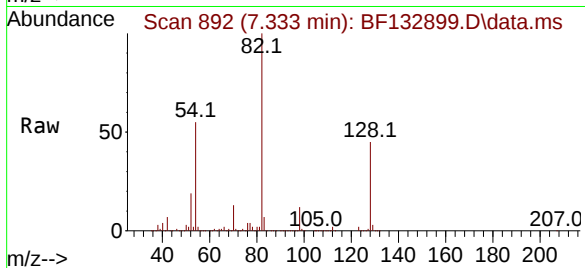
Tgt Ion: 82 Resp: 1681960

Ion Ratio Lower Upper

82 100

128 44.9 35.7 53.5

54 55.1 44.7 67.1



#24

Nitrobenzene

Concen: 41.442 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

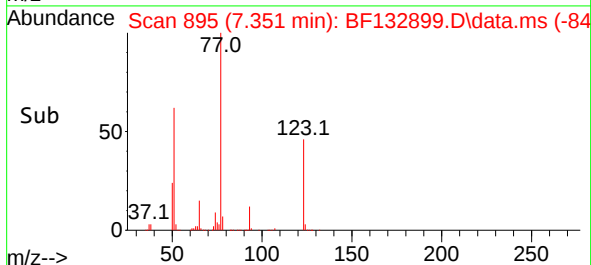
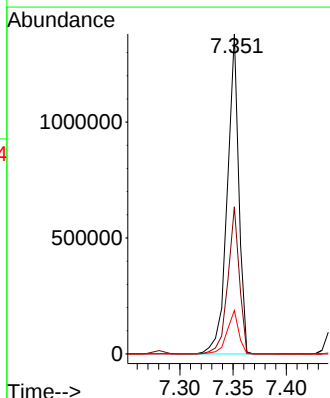
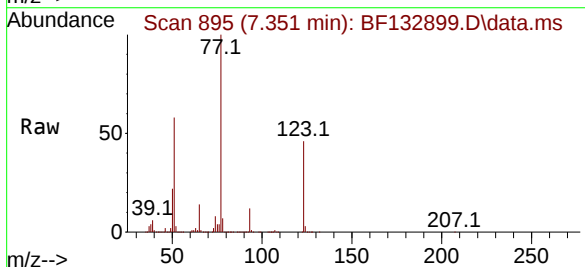
Tgt Ion: 77 Resp: 1032246

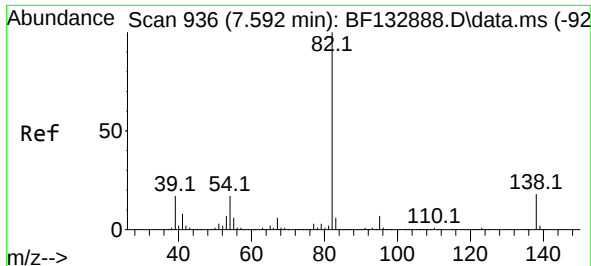
Ion Ratio Lower Upper

77 100

123 46.0 36.3 54.5

65 13.6 11.2 16.8

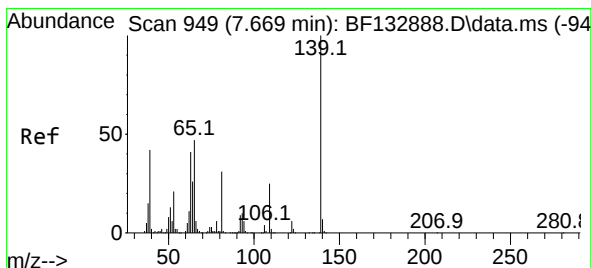
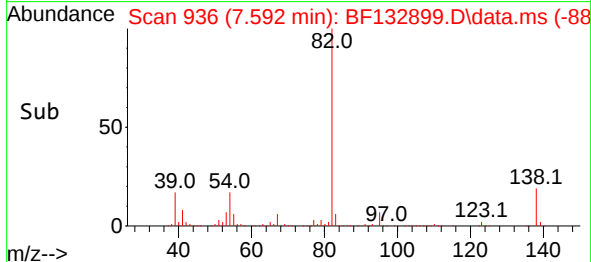
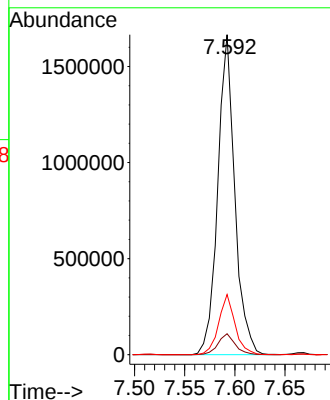
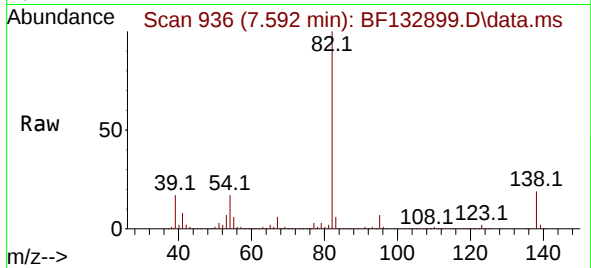




#25
Isophorone
Concen: 42.575 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

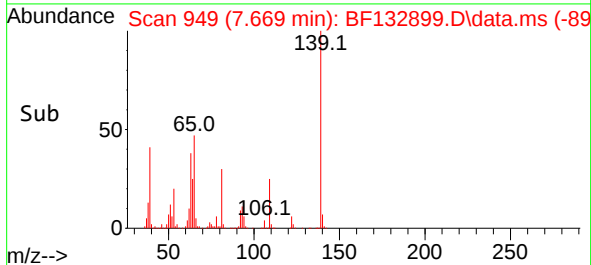
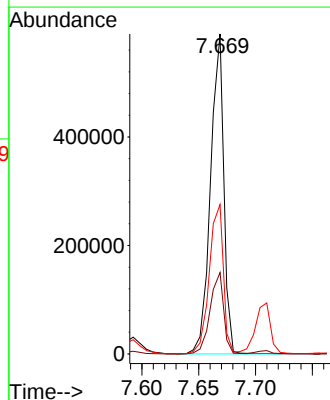
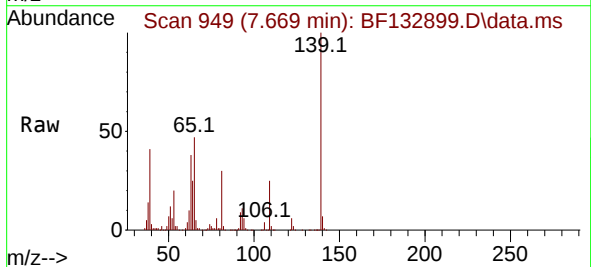
Instrument :
BNA_F
ClientSampleId :
PB152177BS

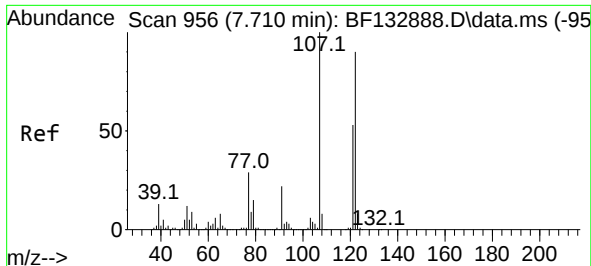
Tgt Ion: 82 Resp: 1962457
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.8 14.2 21.2



#26
2-Nitrophenol
Concen: 50.991 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 139 Resp: 479126
Ion Ratio Lower Upper
139 100
109 25.4 20.1 30.1
65 46.7 38.0 57.0





#27

2,4-Dimethylphenol

Concen: 45.092 ng

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

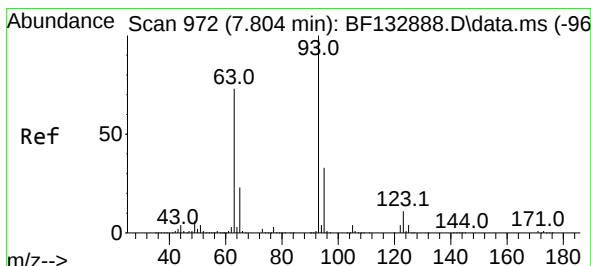
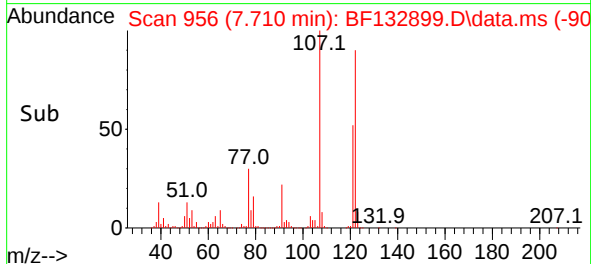
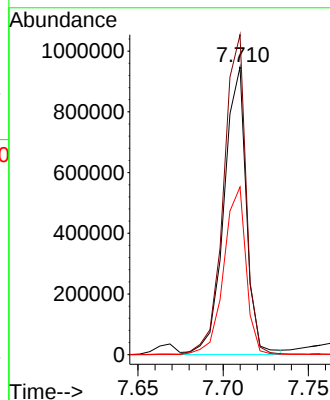
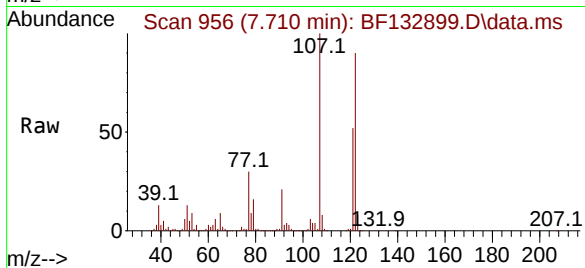
Tgt Ion:122 Resp: 864302

Ion Ratio Lower Upper

122 100

107 111.2 88.5 132.7

121 58.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.291 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

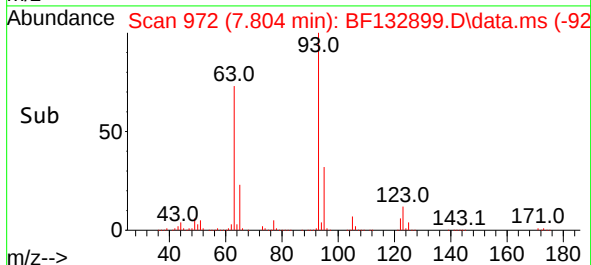
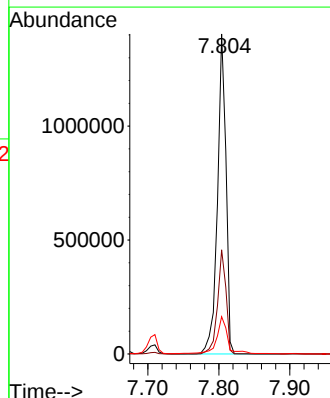
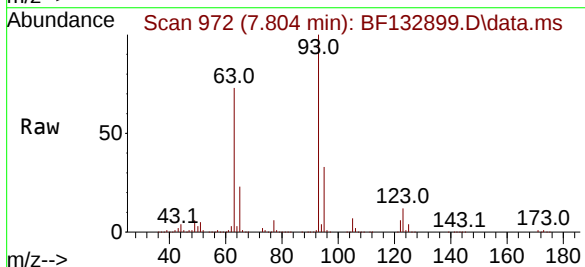
Tgt Ion: 93 Resp: 1165527

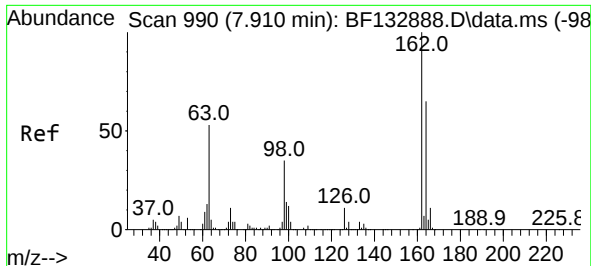
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 44.220 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF132899.D

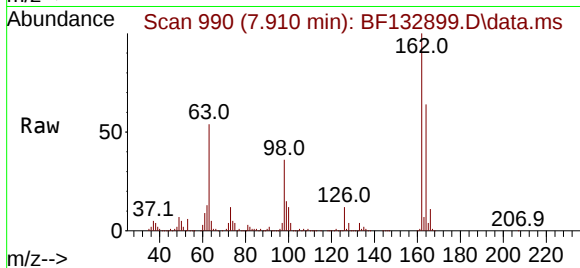
Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS



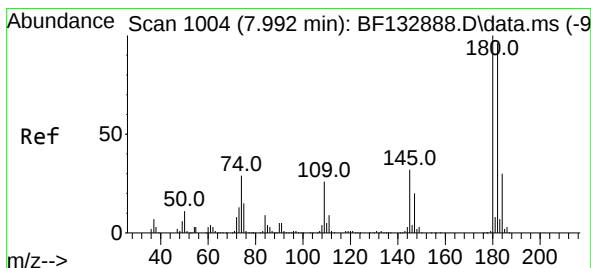
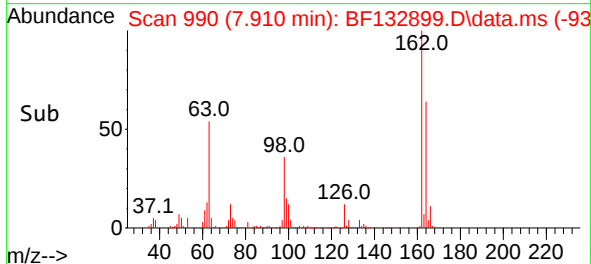
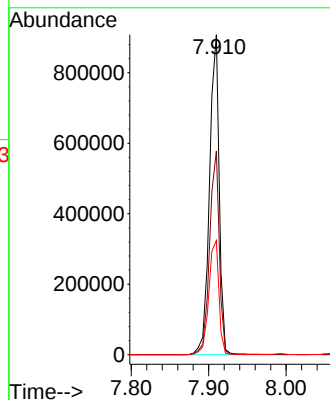
Tgt Ion:162 Resp: 788919

Ion Ratio Lower Upper

162 100

164 63.7 45.2 85.2

98 35.7 14.8 54.8



#30

1,2,4-Trichlorobenzene

Concen: 43.150 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

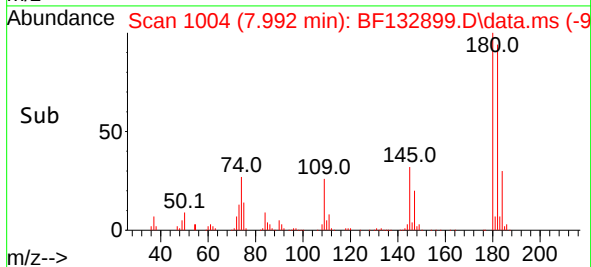
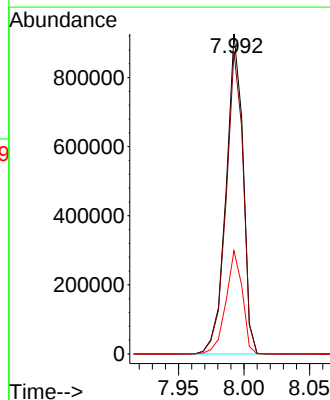
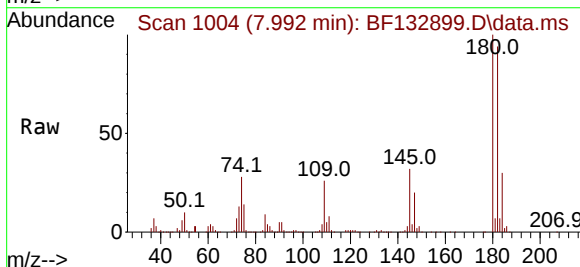
Tgt Ion:180 Resp: 831229

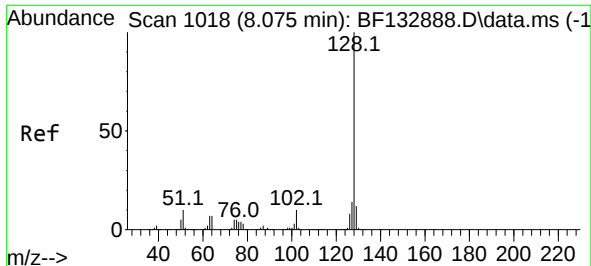
Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

145 32.3 25.4 38.0

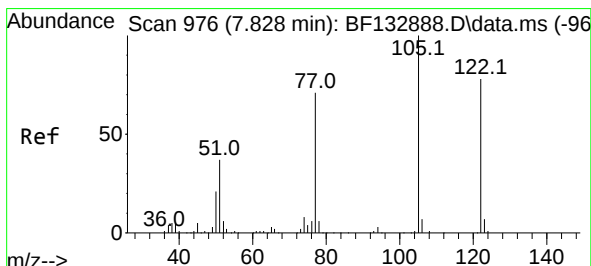
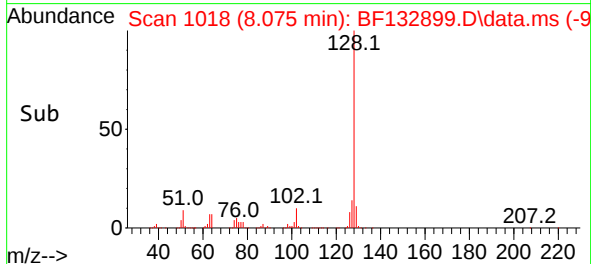
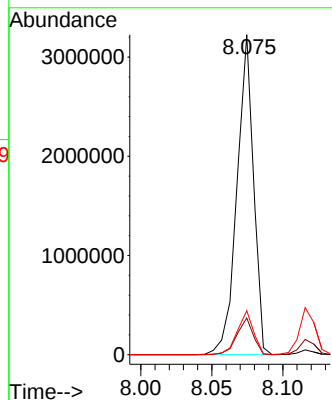
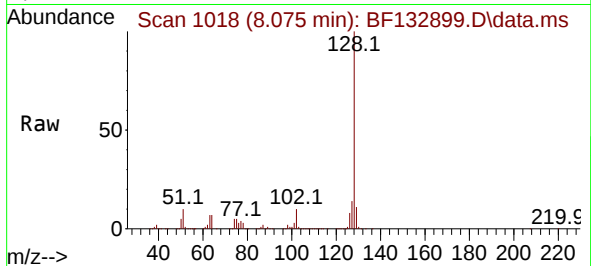




#31
Naphthalene
Concen: 41.013 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

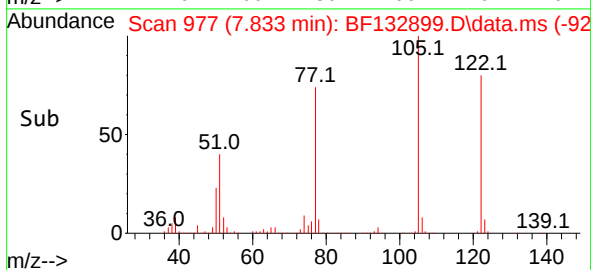
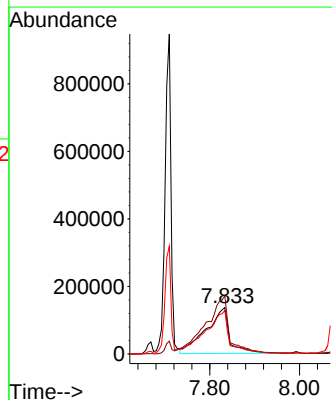
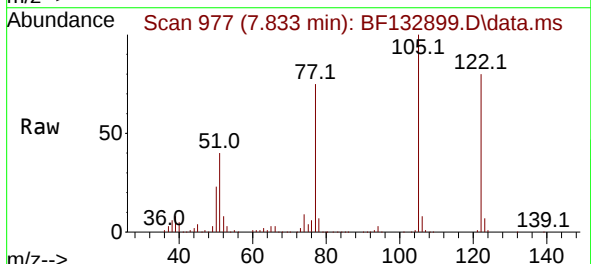
Instrument :
BNA_F
ClientSampleId :
PB152177BS

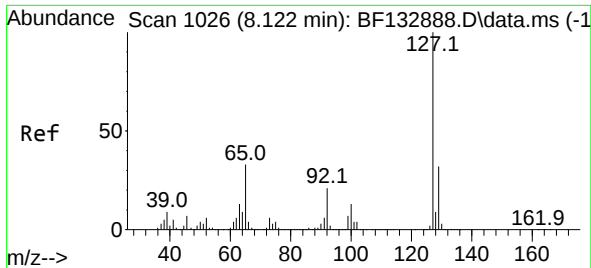
Tgt Ion:128 Resp: 2625279
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 52.296 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.005 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:122 Resp: 502659
Ion Ratio Lower Upper
122 100
105 125.5 104.5 144.5
77 93.7 71.2 111.2





#33

4-Chloroaniline

Concen: 14.380 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

Tgt Ion:127 Resp: 377008

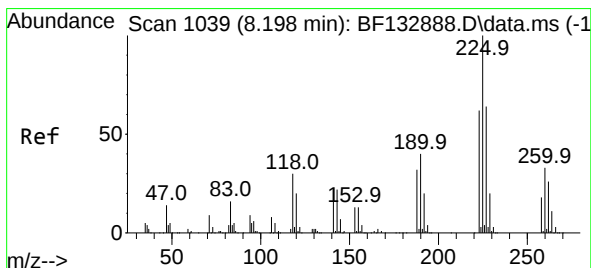
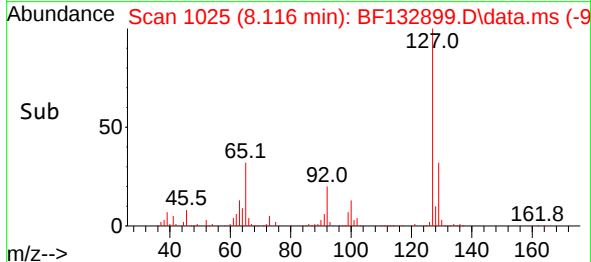
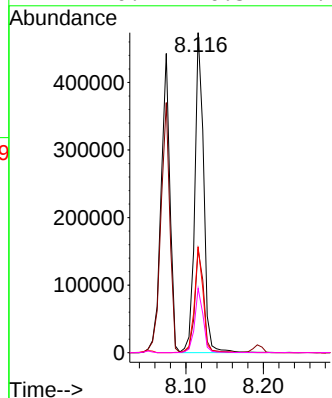
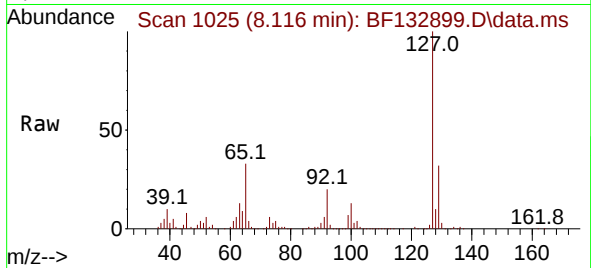
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 33.1 26.7 40.1

92 20.1 16.5 24.7



#34

Hexachlorobutadiene

Concen: 41.817 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

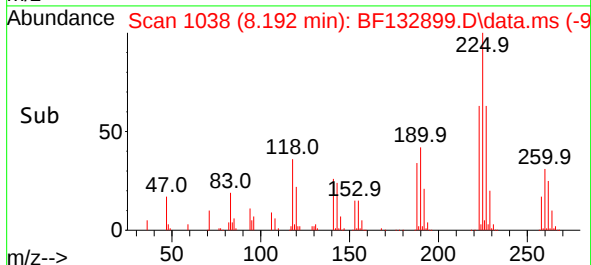
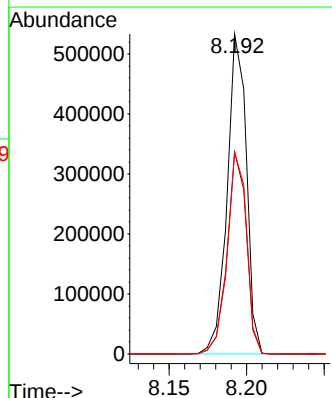
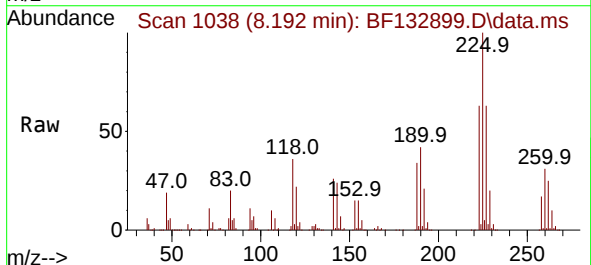
Tgt Ion:225 Resp: 460845

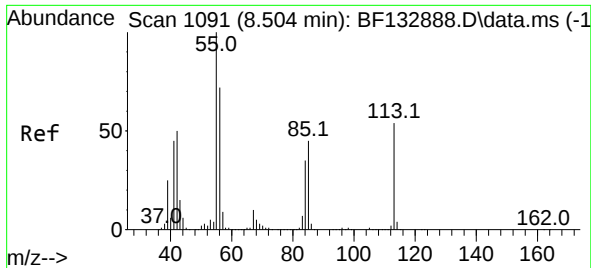
Ion Ratio Lower Upper

225 100

223 63.2 49.6 74.4

227 63.0 51.6 77.4

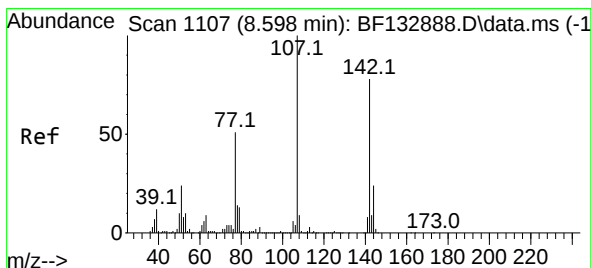
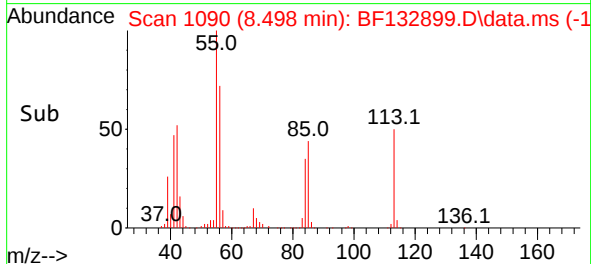
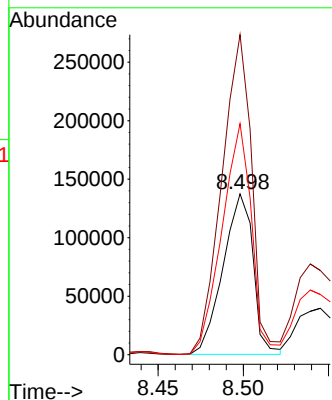
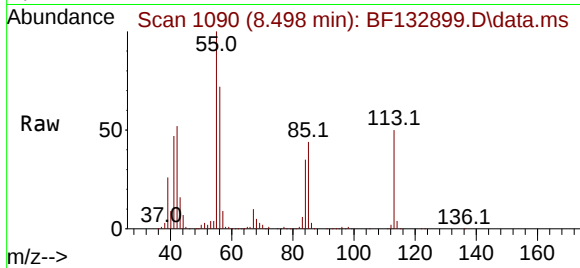




#35
Caprolactam
Concen: 31.690 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

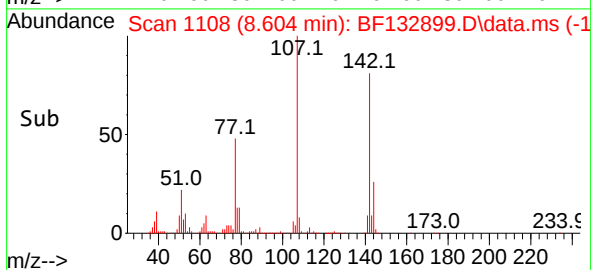
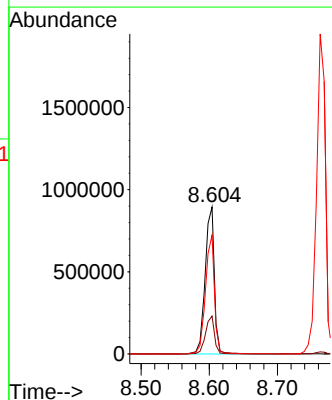
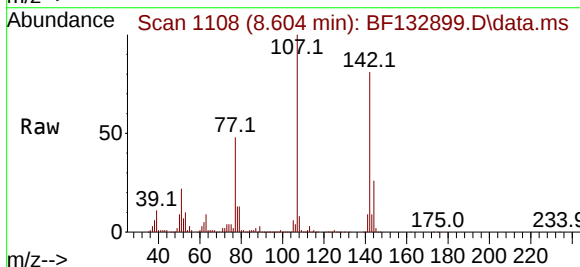
Instrument :
BNA_F
ClientSampleId :
PB152177BS

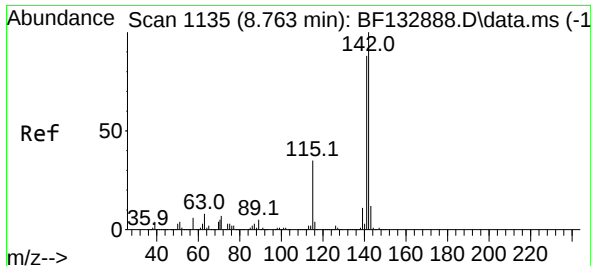
Tgt Ion:113 Resp: 168367
Ion Ratio Lower Upper
113 100
55 199.0 166.0 206.0
56 143.6 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 45.096 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:107 Resp: 844465
Ion Ratio Lower Upper
107 100
144 25.9 19.4 29.0
142 80.9 62.2 93.2





#37

2-Methylnaphthalene

Concen: 39.930 ng

RT: 8.763 min Scan# 1135

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

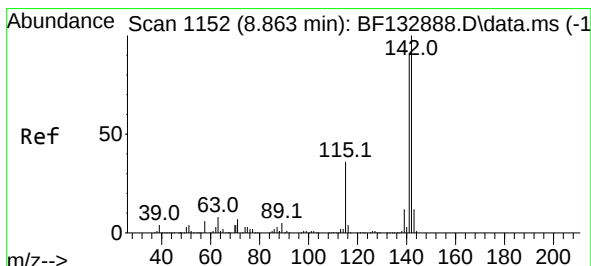
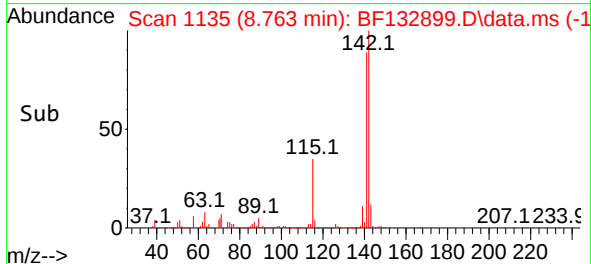
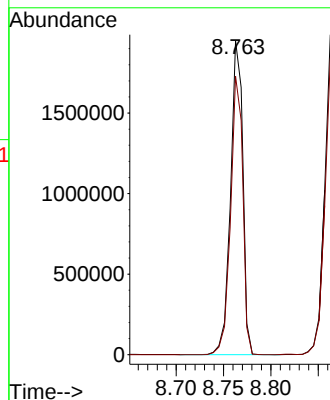
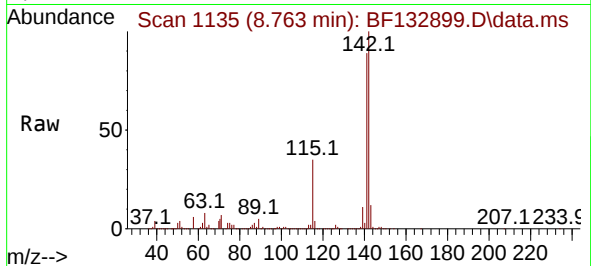
PB152177BS

Tgt Ion:142 Resp: 1759255

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.515 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF132899.D

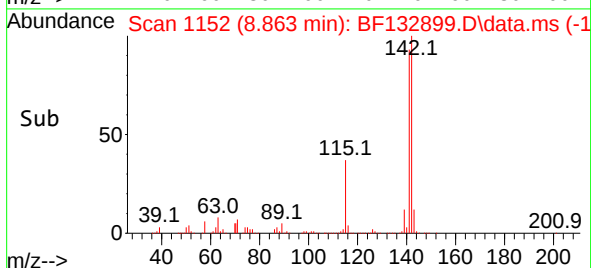
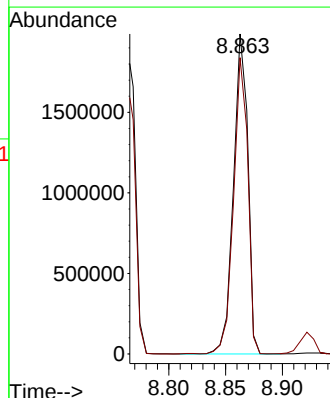
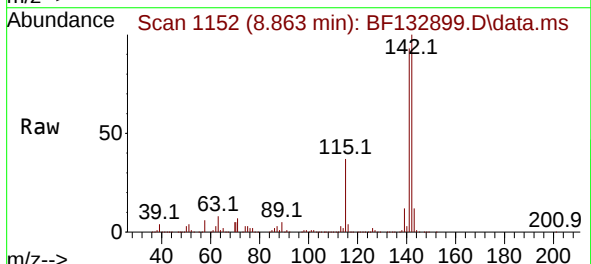
Acq: 18 Apr 2023 13:14

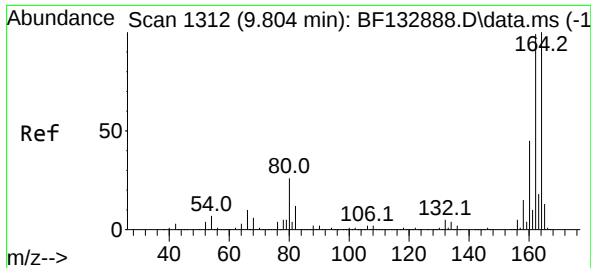
Tgt Ion:142 Resp: 1745349

Ion Ratio Lower Upper

142 100

141 92.6 72.6 109.0

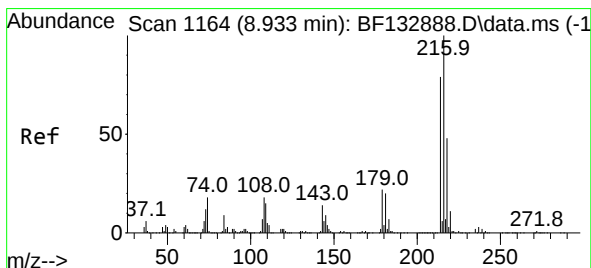
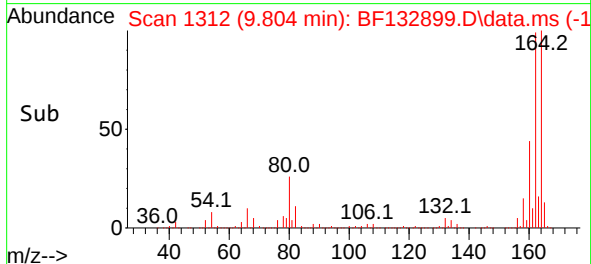
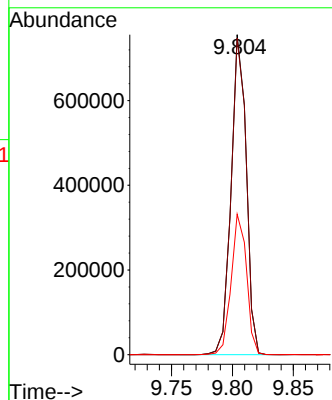
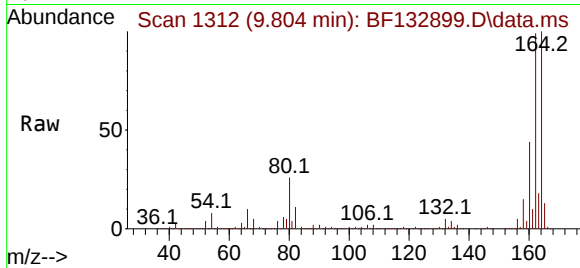




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

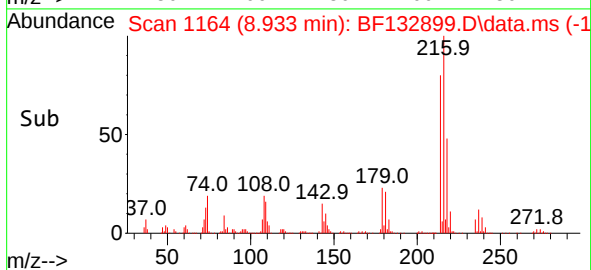
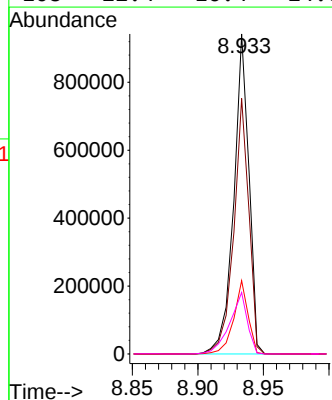
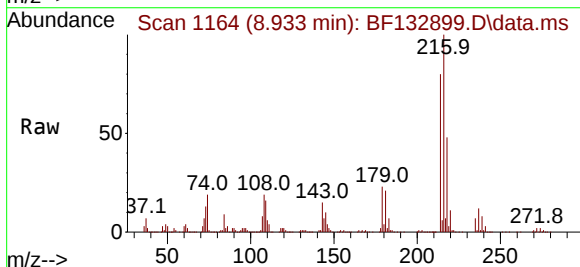
Instrument :
BNA_F
ClientSampleId :
PB152177BS

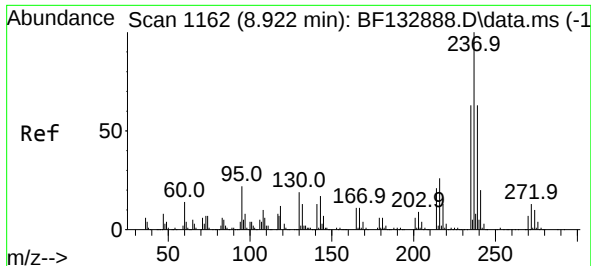
Tgt Ion:164 Resp: 651276
Ion Ratio Lower Upper
164 100
162 98.9 79.1 118.7
160 43.9 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.089 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:216 Resp: 756898
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 21.9 17.4 26.2
108 22.4 16.4 24.6

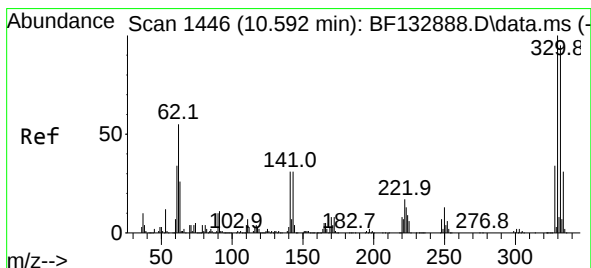
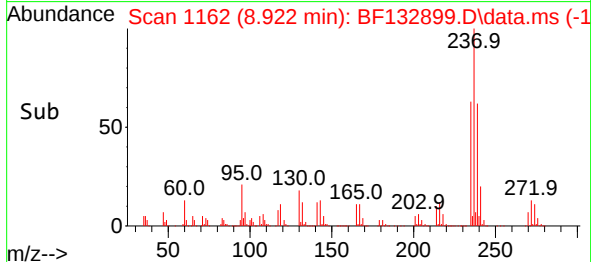
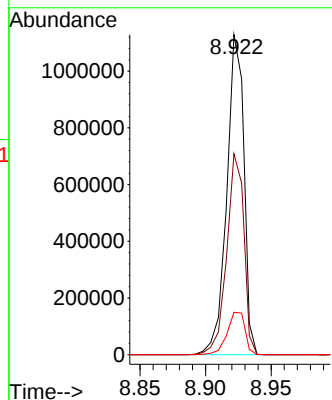
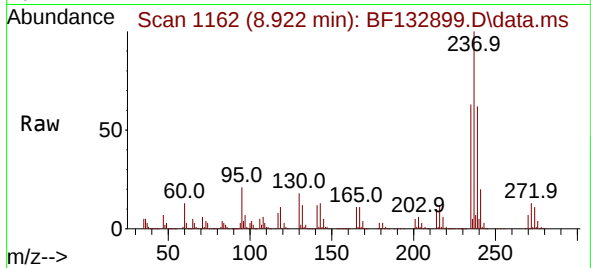




#41
Hexachlorocyclopentadiene
Concen: 105.719 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

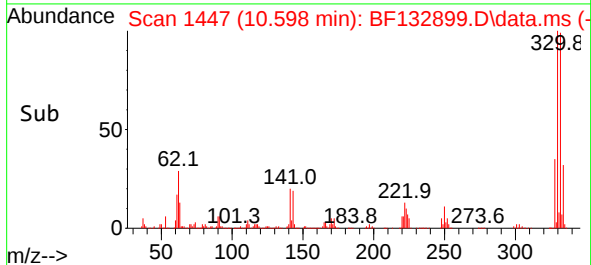
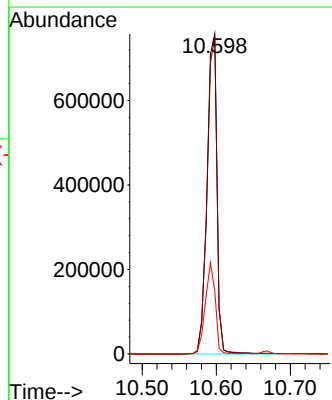
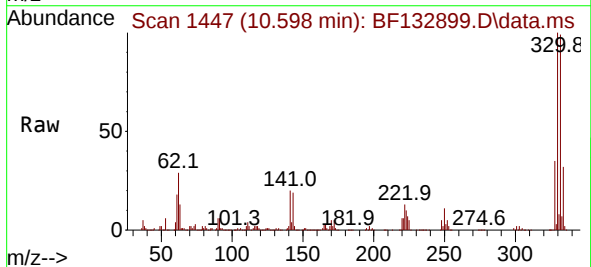
Instrument :
BNA_F
ClientSampleId :
PB152177BS

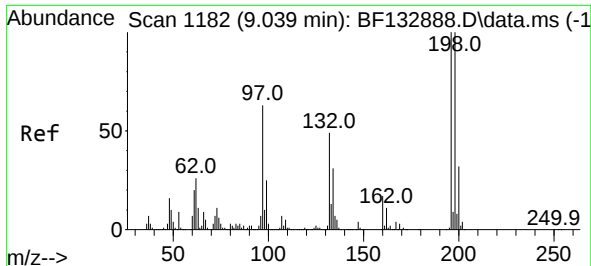
Tgt Ion:237 Resp: 1026468
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 108.616 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:330 Resp: 709515
Ion Ratio Lower Upper
330 100
332 98.0 76.3 114.5
141 28.7 23.9 35.9

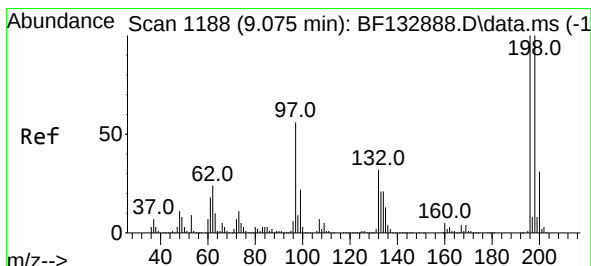
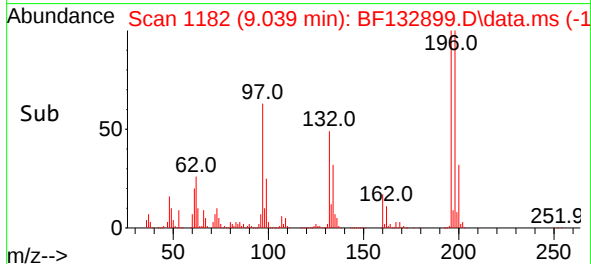
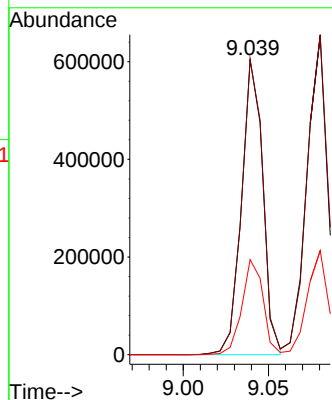
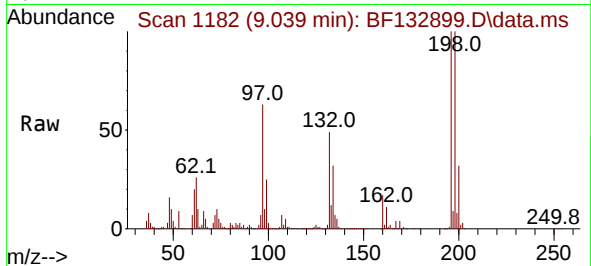




#43
2,4,6-Trichlorophenol
Concen: 44.832 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

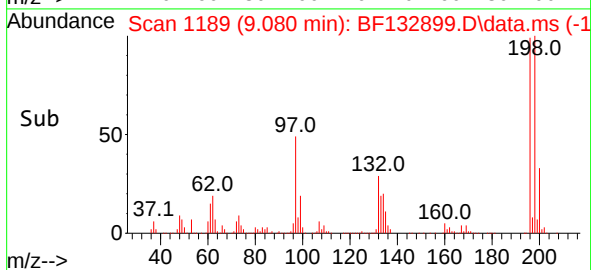
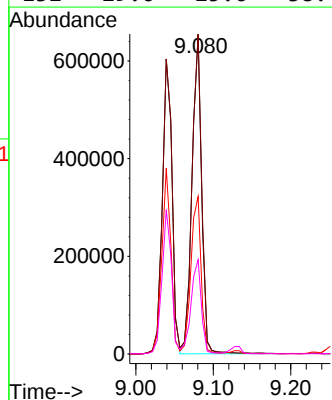
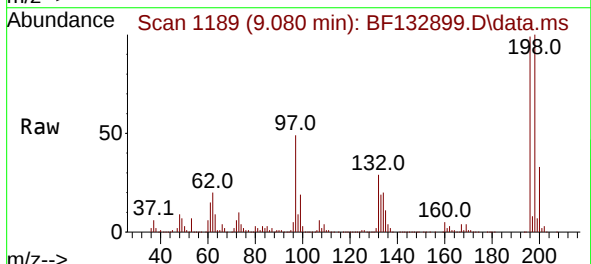
Instrument :
BNA_F
ClientSampleId :
PB152177BS

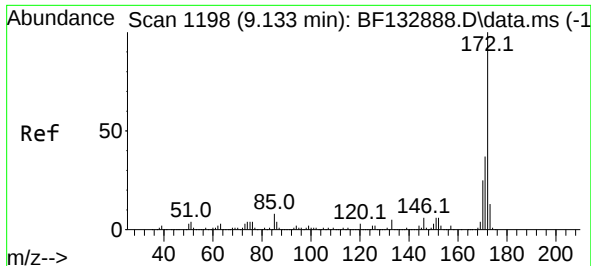
Tgt Ion:196 Resp: 523515
Ion Ratio Lower Upper
196 100
198 100.0 79.8 119.6
200 32.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 41.429 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:196 Resp: 565706
Ion Ratio Lower Upper
196 100
198 100.5 80.2 120.2
97 49.4 45.0 67.6
132 29.6 25.6 38.4

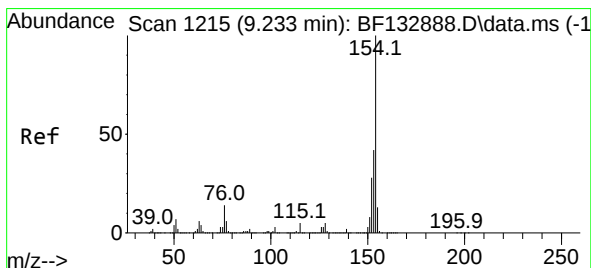
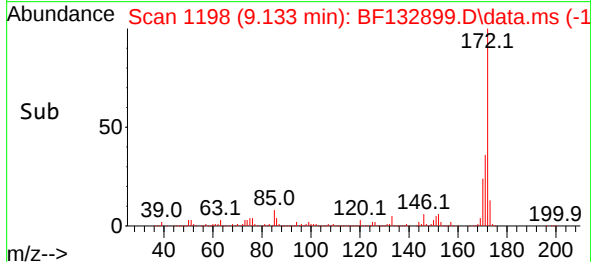
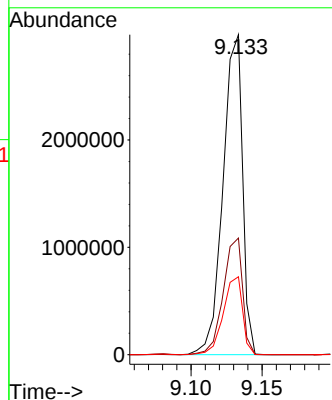
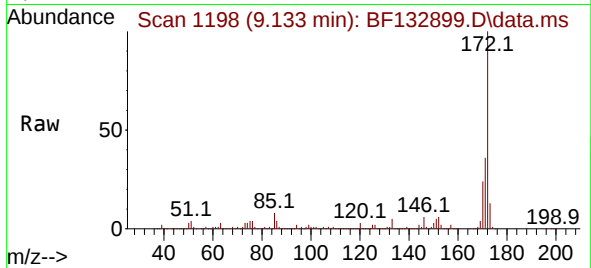




#45
2-Fluorobiphenyl
Concen: 67.259 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

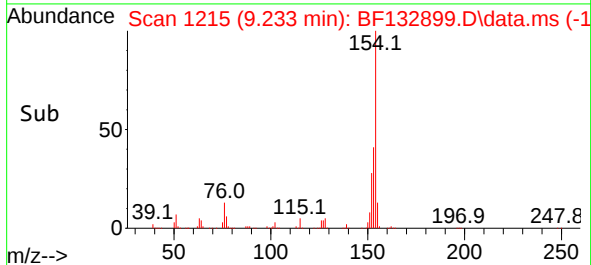
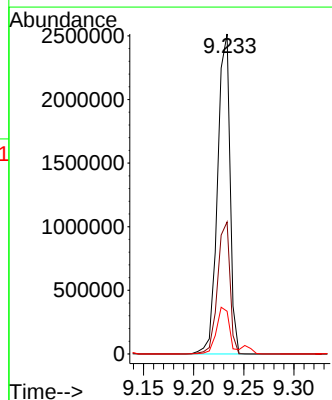
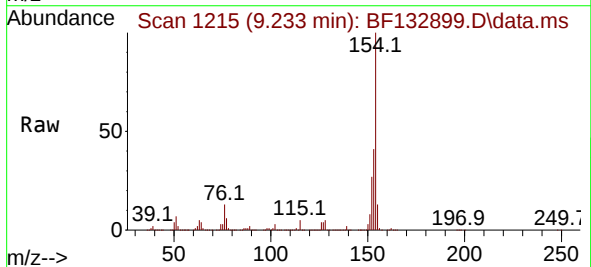
Instrument :
BNA_F
ClientSampleId :
PB152177BS

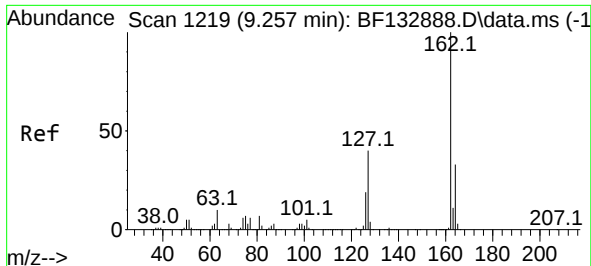
Tgt Ion:172 Resp: 2851423
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.929 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:154 Resp: 2164787
Ion Ratio Lower Upper
154 100
153 41.2 21.8 61.8
76 13.4 0.0 34.0

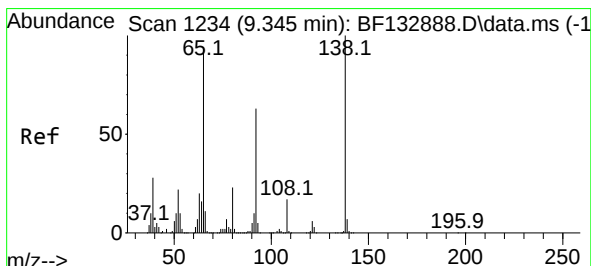
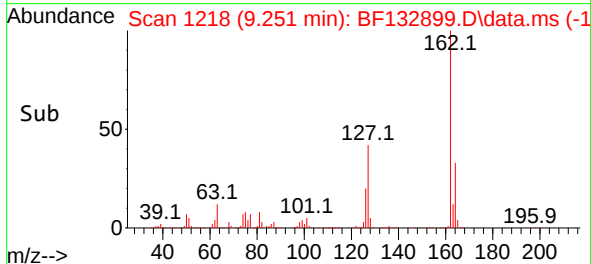
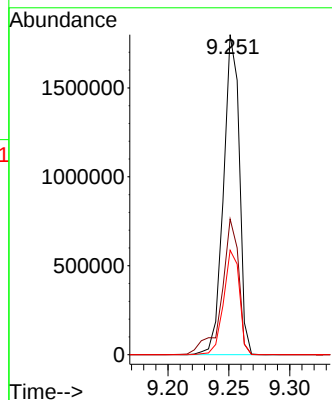
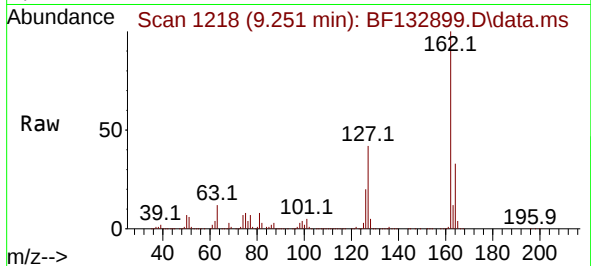




#47
2-Chloronaphthalene
Concen: 42.731 ng
RT: 9.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

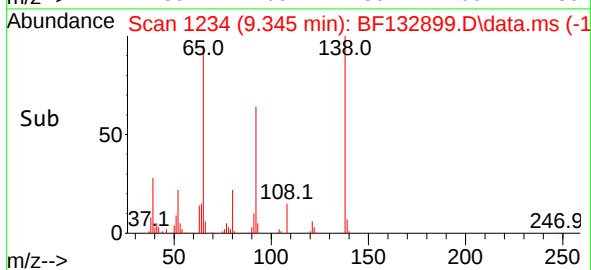
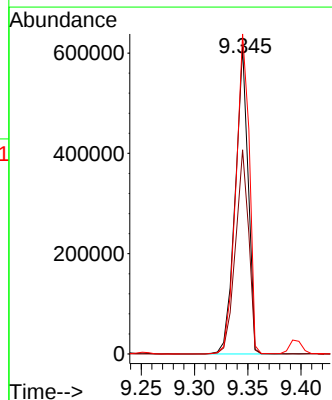
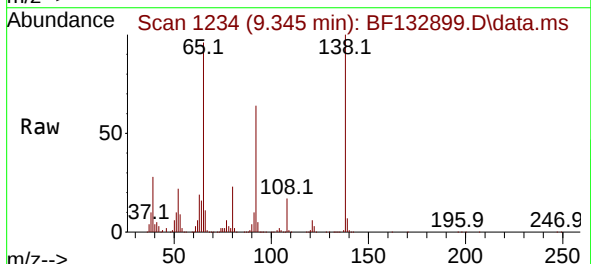
Instrument :
BNA_F
ClientSampleId :
PB152177BS

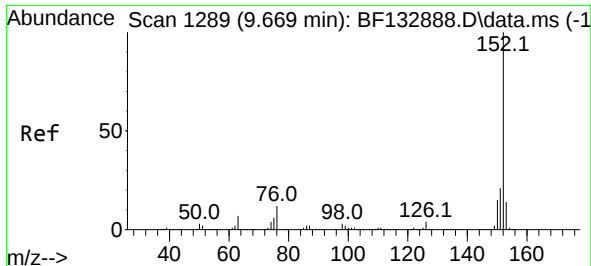
Tgt Ion:162 Resp: 1632596
Ion Ratio Lower Upper
162 100
127 42.4 32.2 48.2
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 46.761 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 65 Resp: 516844
Ion Ratio Lower Upper
65 100
92 66.4 53.5 80.3
138 104.1 84.8 127.2





#49

Acenaphthylene

Concen: 41.091 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

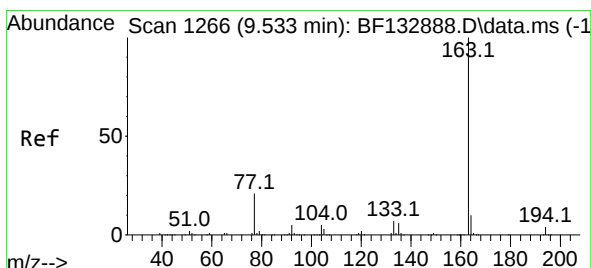
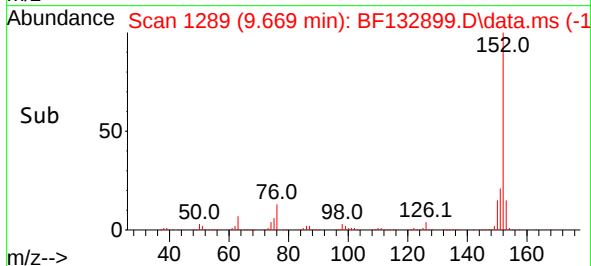
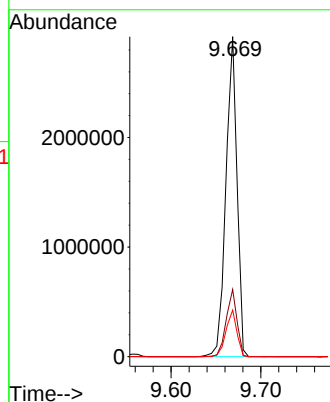
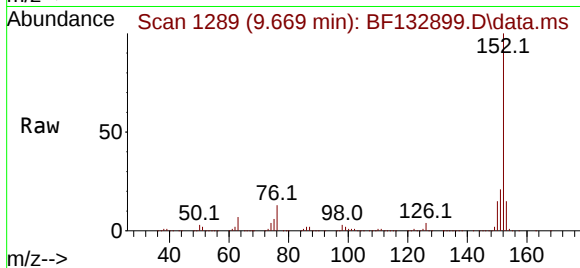
Tgt Ion:152 Resp: 2503973

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 14.5 11.4 17.0



#50

Dimethylphthalate

Concen: 41.550 ng

RT: 9.533 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

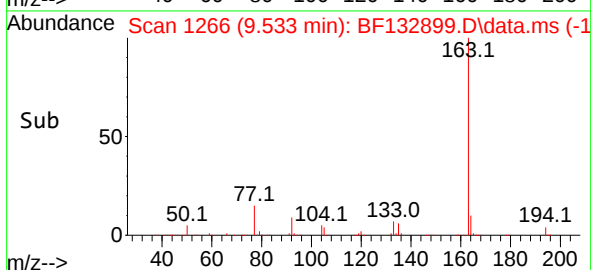
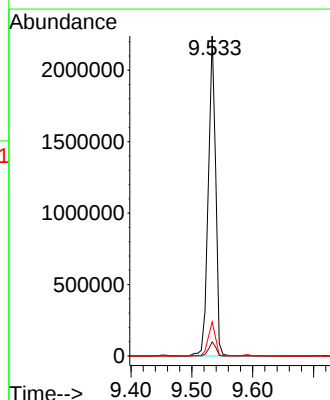
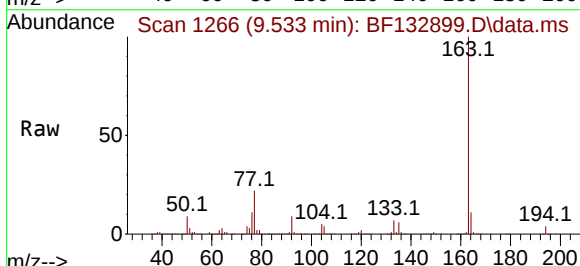
Tgt Ion:163 Resp: 1870872

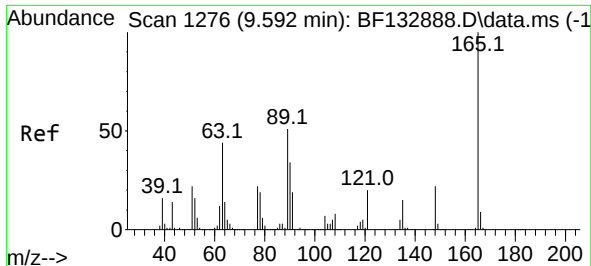
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.7 8.3 12.5

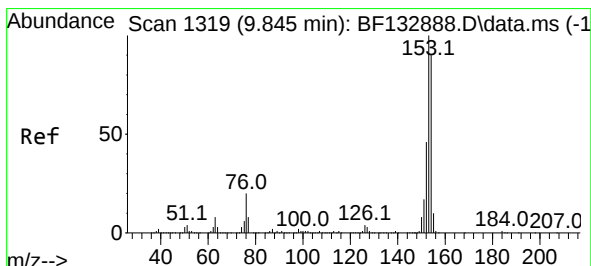
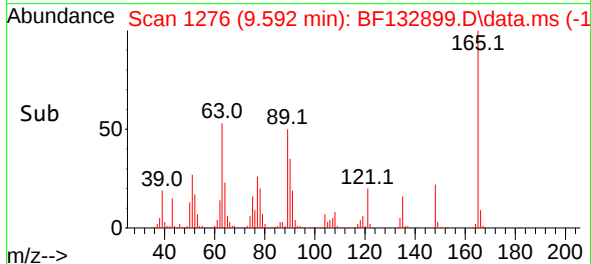
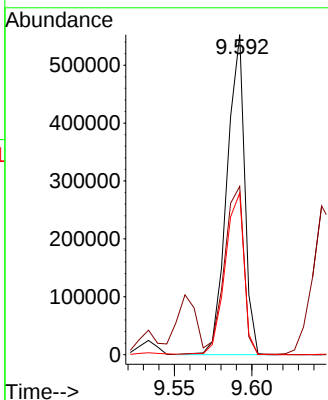
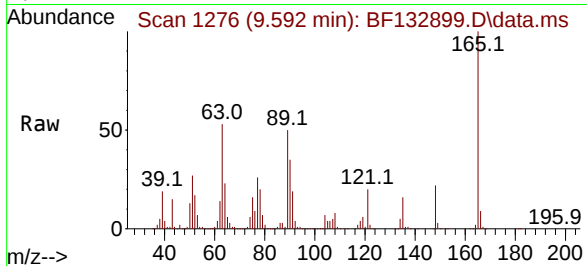




#51
2,6-Dinitrotoluene
Concen: 44.591 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

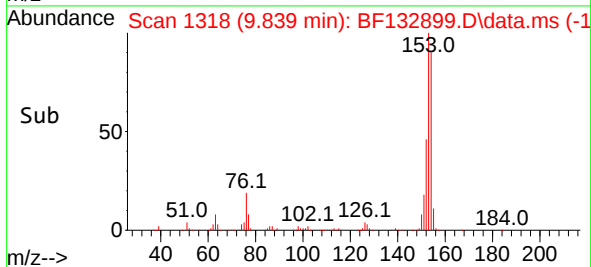
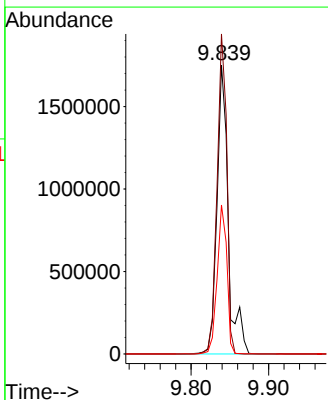
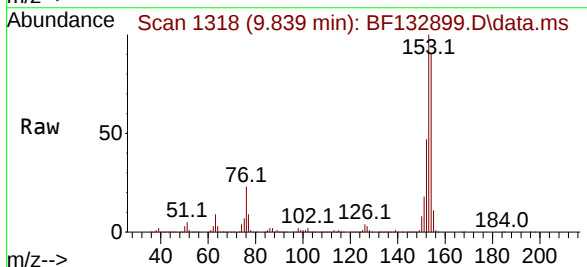
Instrument :
BNA_F
ClientSampleId :
PB152177BS

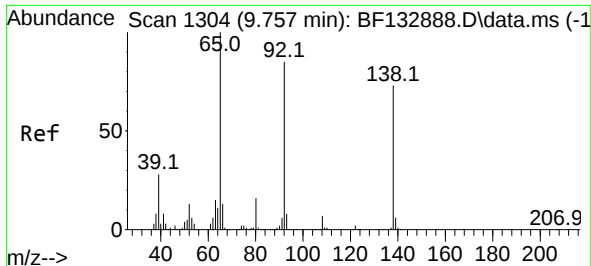
Tgt Ion:165 Resp: 440205
Ion Ratio Lower Upper
165 100
63 52.6 42.6 63.8
89 50.5 41.0 61.4



#52
Acenaphthene
Concen: 44.872 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:154 Resp: 1762040
Ion Ratio Lower Upper
154 100
153 110.8 88.8 133.2
152 51.6 41.2 61.8

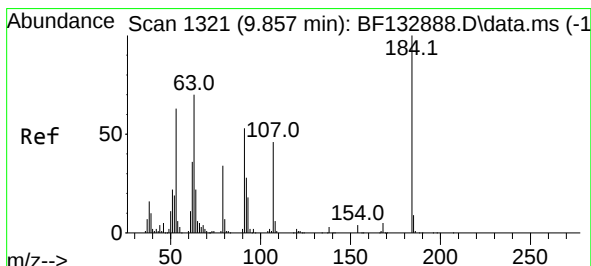
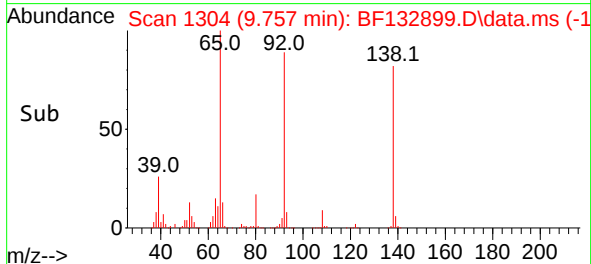
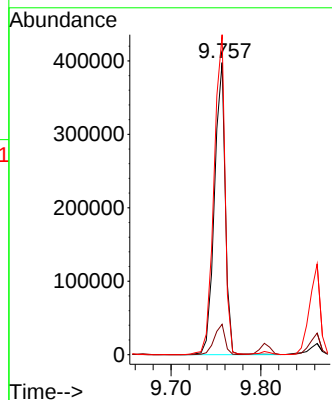
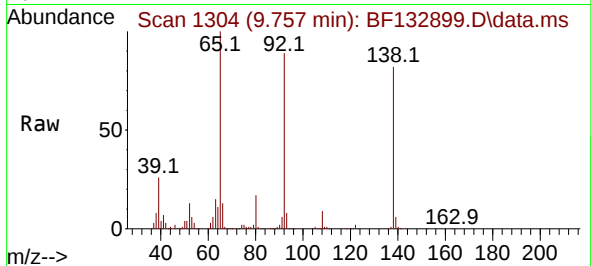




#53
3-Nitroaniline
Concen: 29.650 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

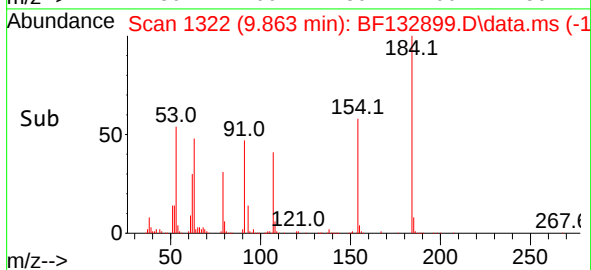
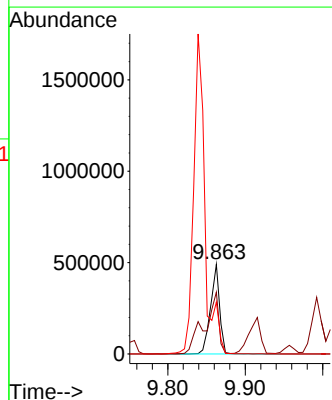
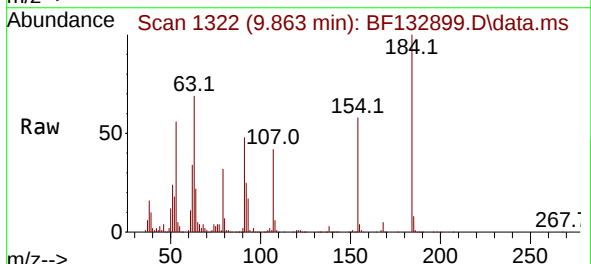
Instrument :
BNA_F
ClientSampleId :
PB152177BS

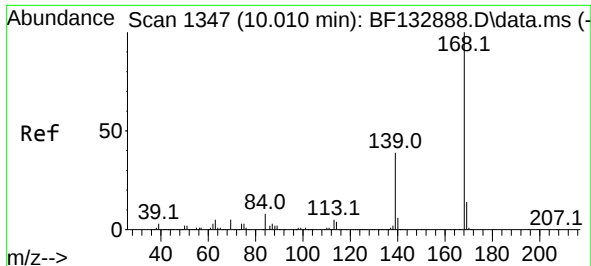
Tgt Ion:138 Resp: 333086
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 109.5 93.8 140.8



#54
2,4-Dinitrophenol
Concen: 104.215 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:184 Resp: 400775
Ion Ratio Lower Upper
184 100
63 68.9 62.7 94.1
154 57.9 49.9 74.9

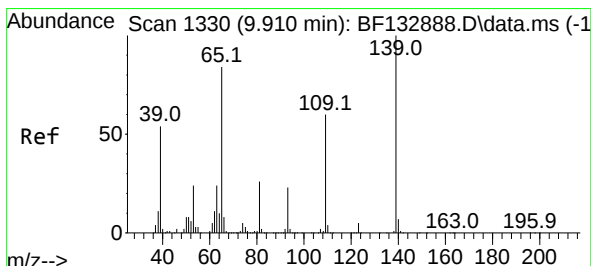
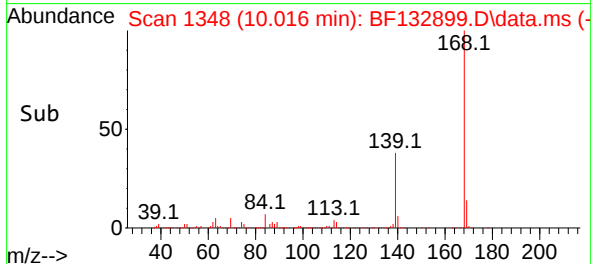
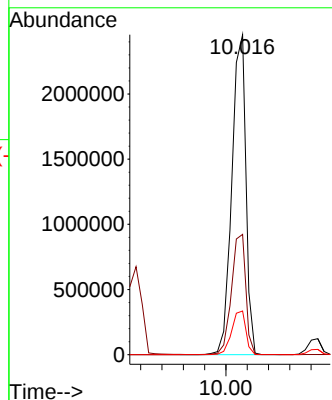
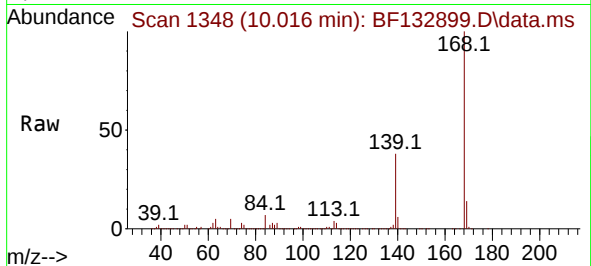




#55
Dibenzenofuran
Concen: 40.316 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

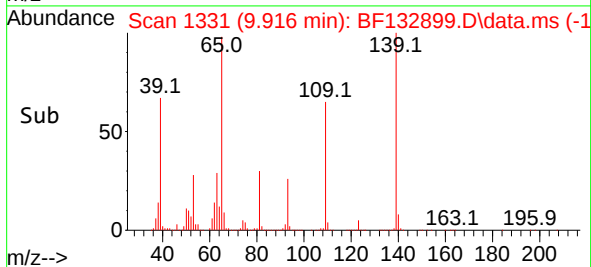
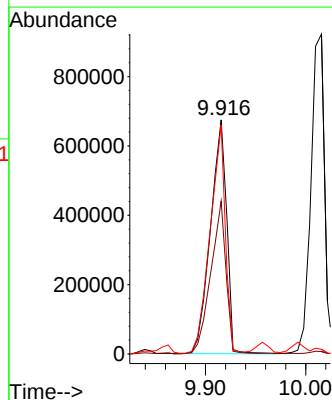
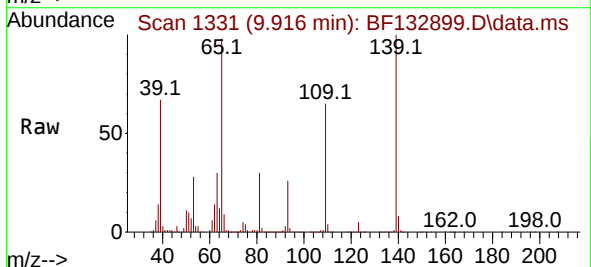
Instrument :
BNA_F
ClientSampleId :
PB152177BS

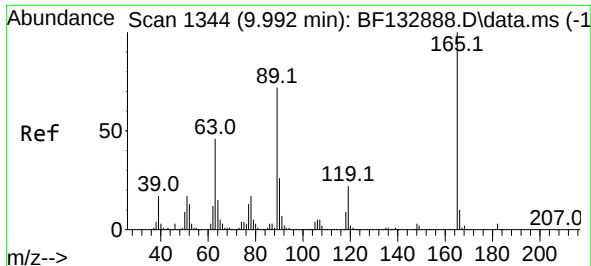
Tgt Ion:168 Resp: 2246150
Ion Ratio Lower Upper
168 100
139 37.6 31.4 47.0
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 90.660 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:139 Resp: 756551
Ion Ratio Lower Upper
139 100
109 65.4 40.4 80.4
65 97.9 64.2 104.2

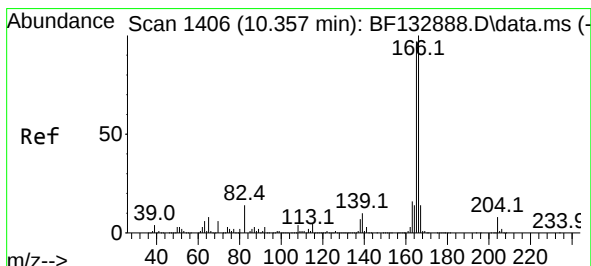
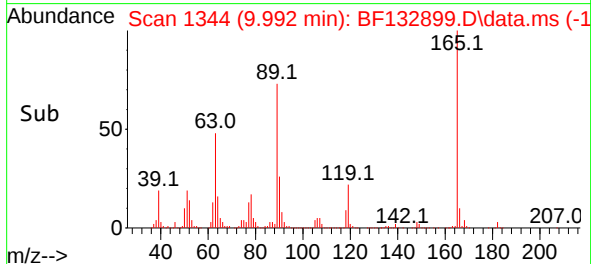
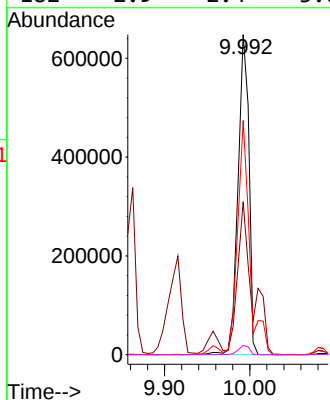
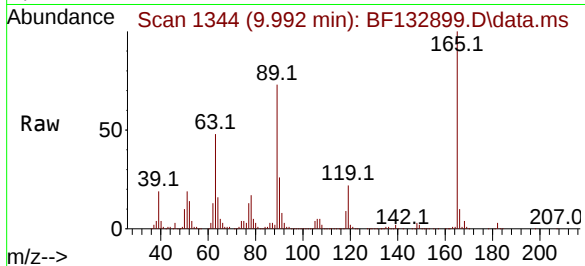




#57
2,4-Dinitrotoluene
Concen: 47.423 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

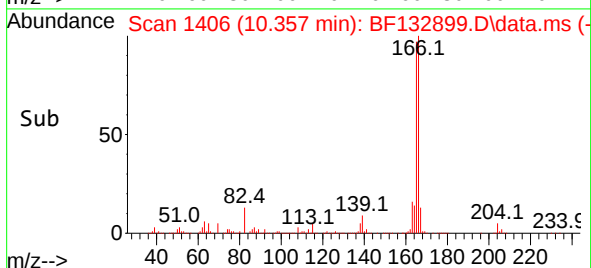
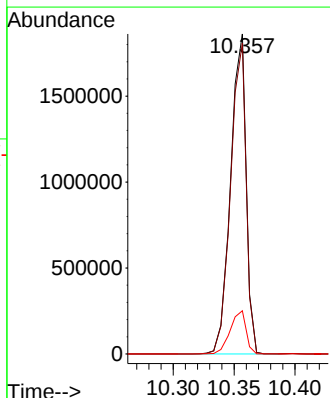
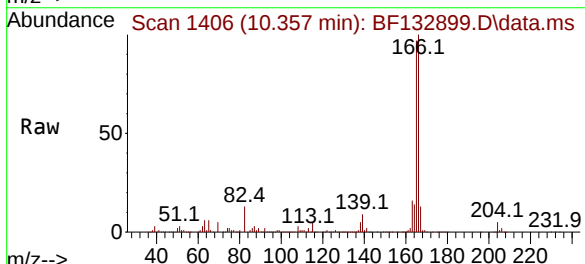
Instrument :
BNA_F
ClientSampleId :
PB152177BS

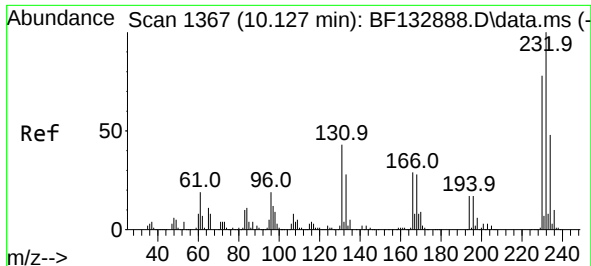
Tgt Ion:165 Resp: 577805
Ion Ratio Lower Upper
165 100
63 47.8 37.0 55.6
89 73.2 57.8 86.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 40.603 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:166 Resp: 1657056
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.5 11.0 16.4

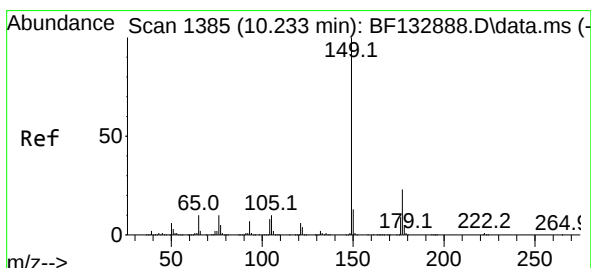
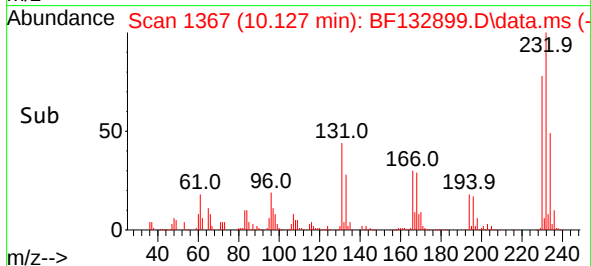
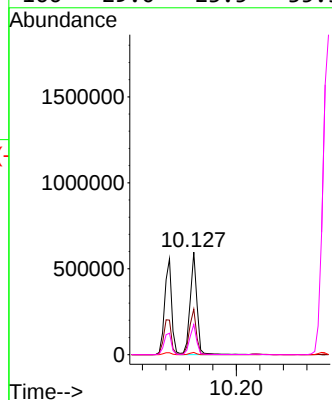
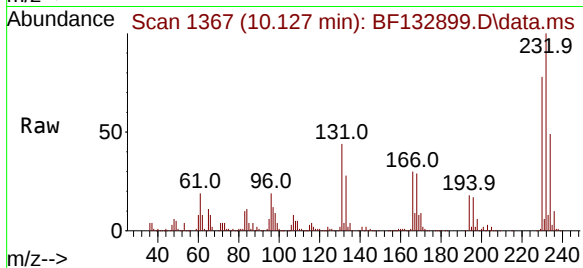




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.962 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

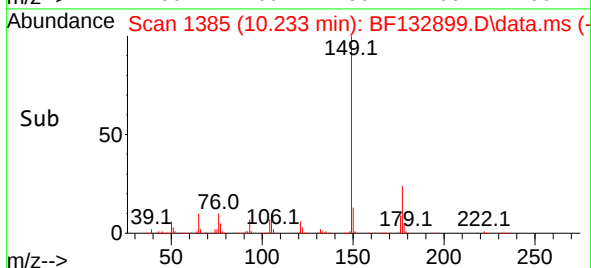
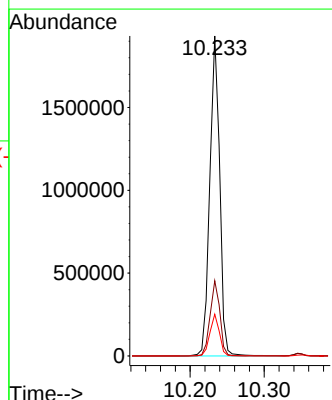
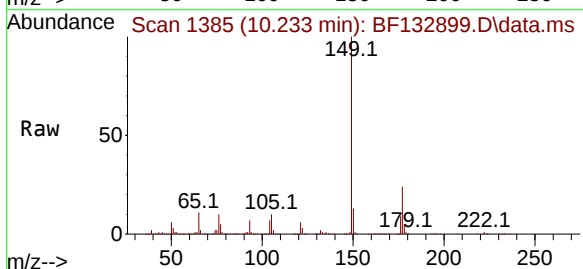
Instrument :
BNA_F
ClientSampleId :
PB152177BS

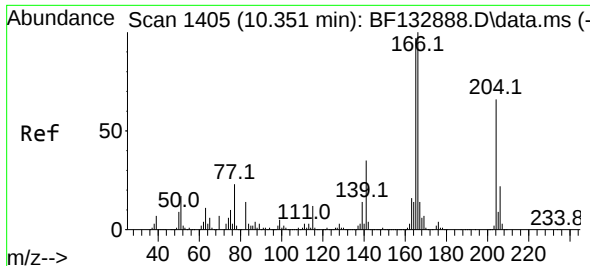
Tgt Ion:232 Resp: 476482
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.2 1.8 2.8
166 29.0 23.5 35.3



#60
Diethylphthalate
Concen: 42.672 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:149 Resp: 1795435
Ion Ratio Lower Upper
149 100
177 23.5 18.5 27.7
150 13.0 10.3 15.5

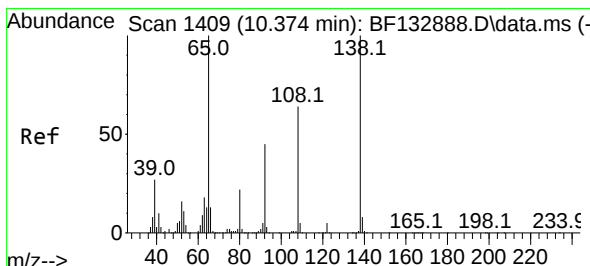
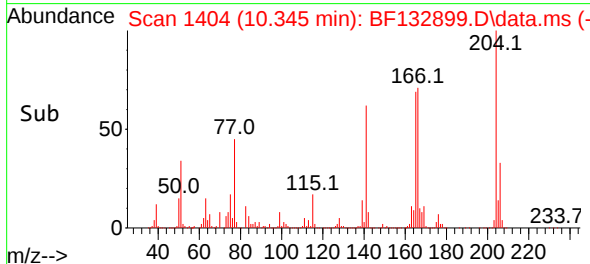
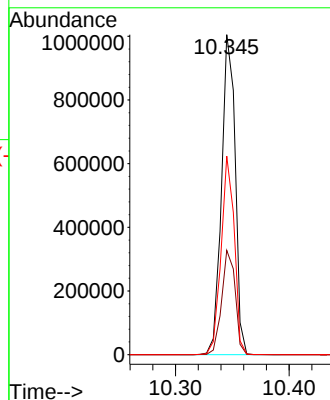
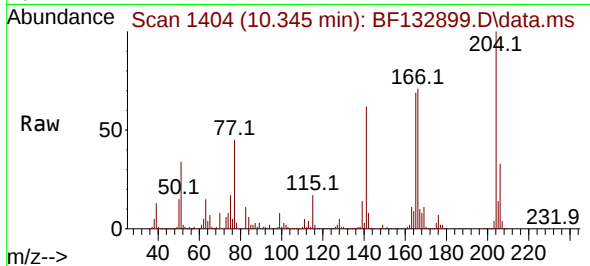




#61
4-Chlorophenyl-phenylether
Concen: 40.552 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

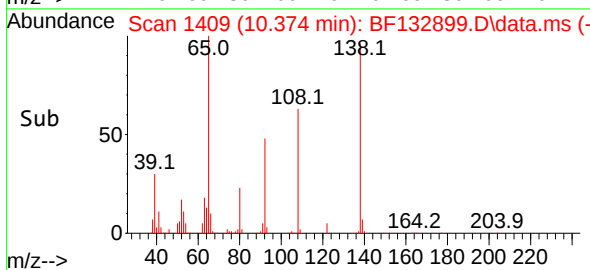
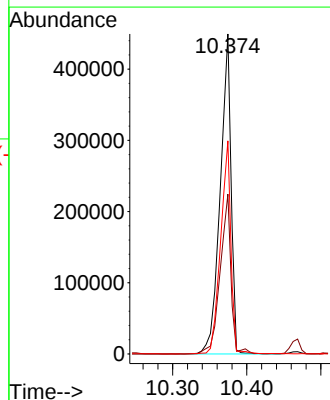
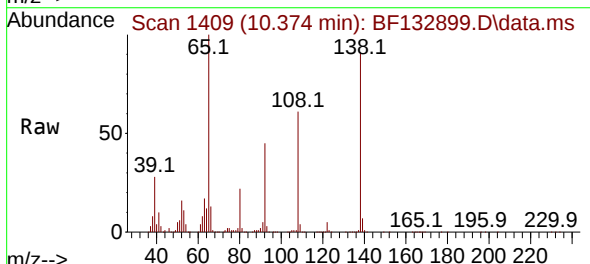
Instrument :
BNA_F
ClientSampleId :
PB152177BS

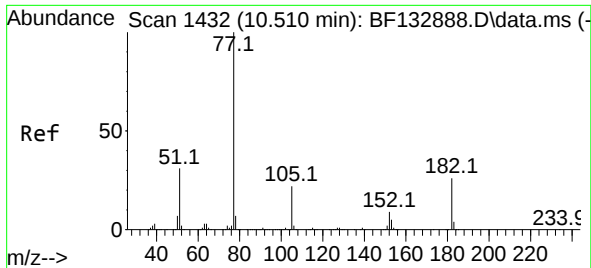
Tgt Ion:204 Resp: 841780
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.0 43.1 64.7



#62
4-Nitroaniline
Concen: 42.389 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:138 Resp: 457702
Ion Ratio Lower Upper
138 100
92 49.9 25.0 65.0
108 66.6 44.2 84.2



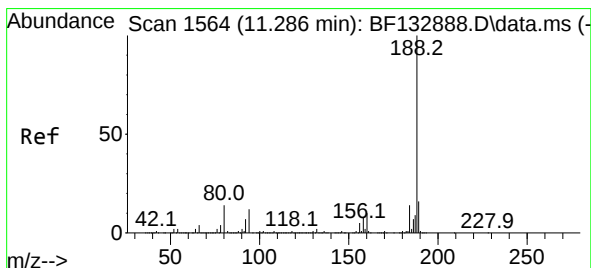
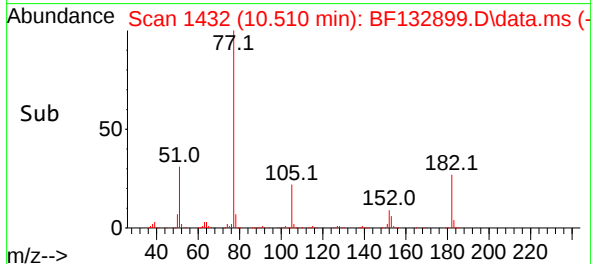
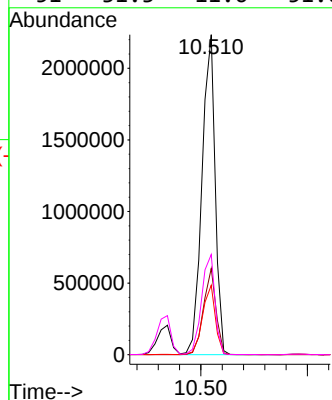
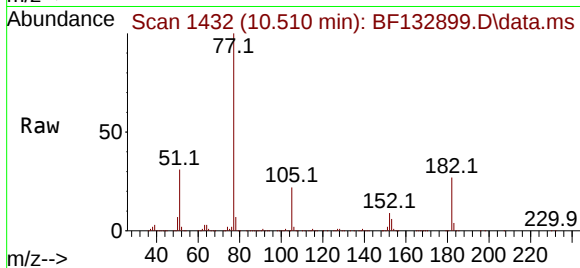


#63
Azobenzene
Concen: 41.077 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS

Tgt Ion: 77 Resp: 1930595

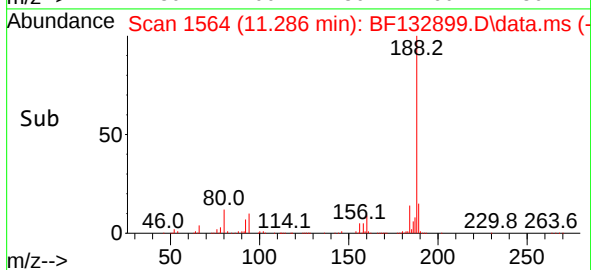
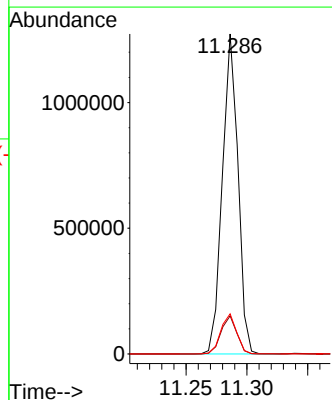
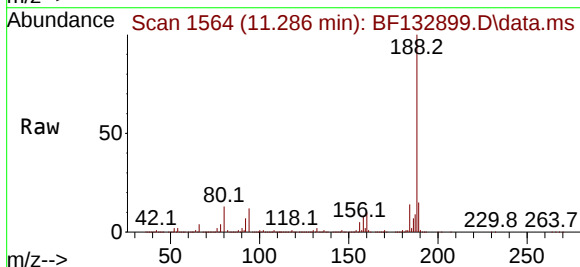
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.0	46.0
105	21.7	1.6	41.6
51	31.3	11.6	51.6

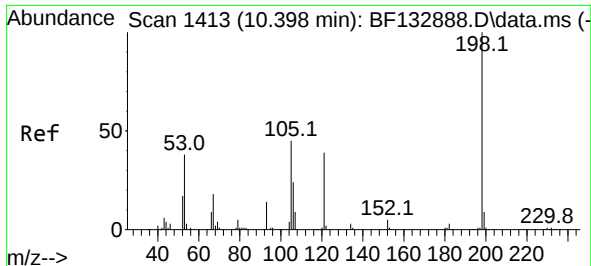


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion: 188 Resp: 1136960

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.9	14.9
80	12.6	10.8	16.2

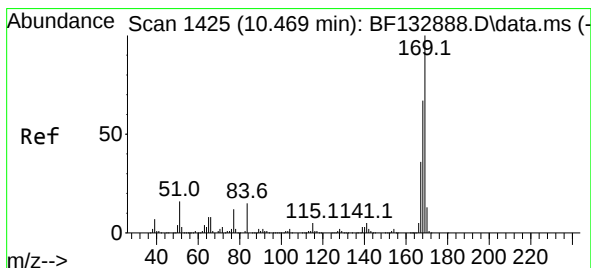
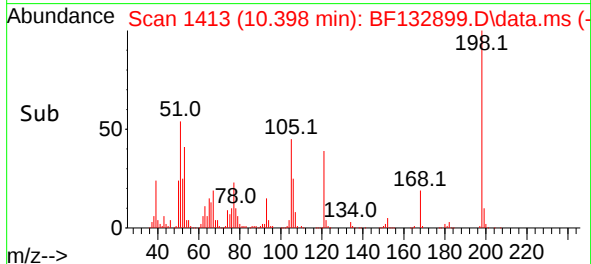
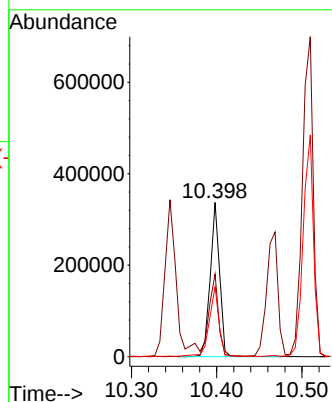
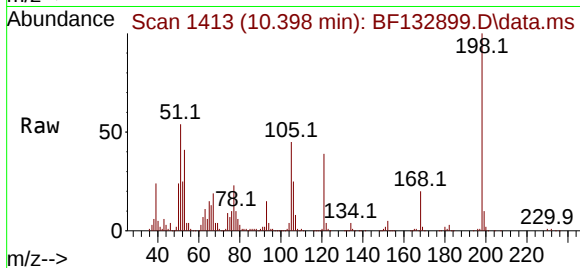




#65
4,6-Dinitro-2-methylphenol
Concen: 47.455 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

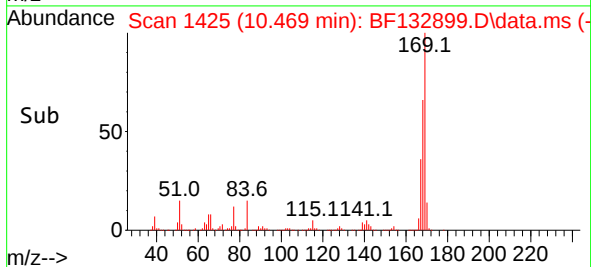
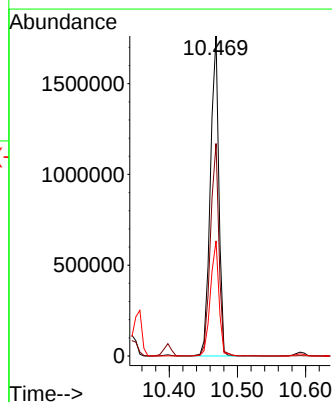
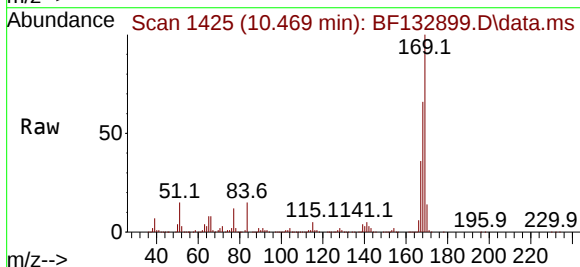
Instrument :
BNA_F
ClientSampleId :
PB152177BS

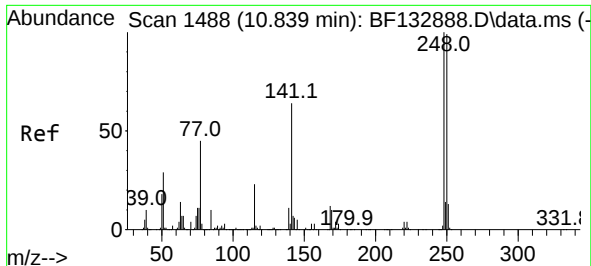
Tgt Ion:198 Resp: 258394
Ion Ratio Lower Upper
198 100
51 53.6 34.6 74.6
105 45.4 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 41.135 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:169 Resp: 1523188
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.0 29.0 43.6

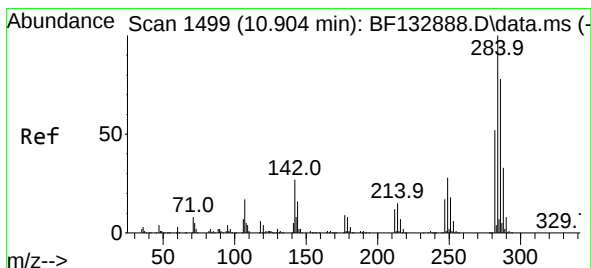
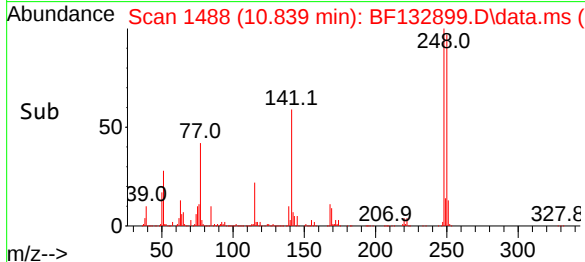
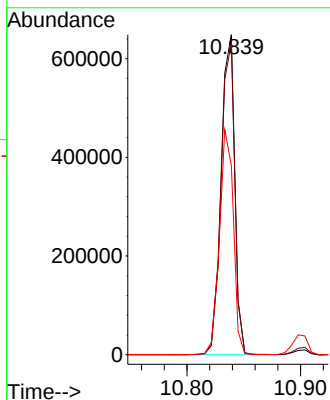
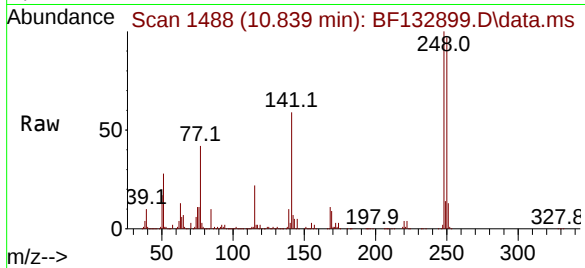




#67
4-Bromophenyl-phenylether
Concen: 41.922 ng
RT: 10.839 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

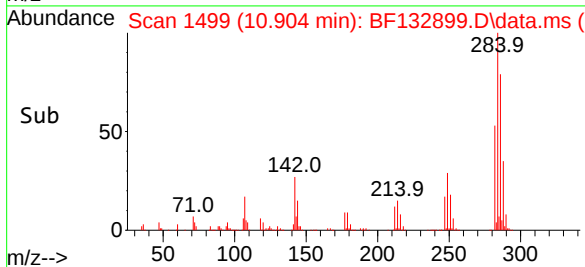
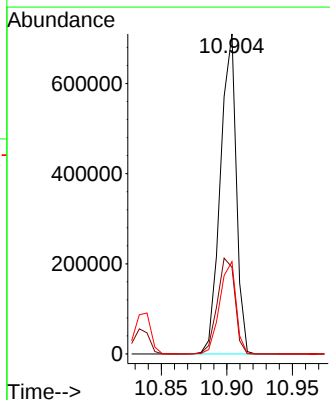
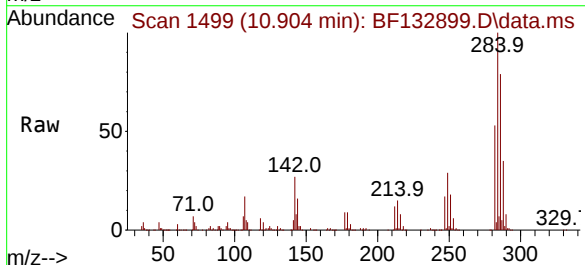
Instrument :
BNA_F
ClientSampleId :
PB152177BS

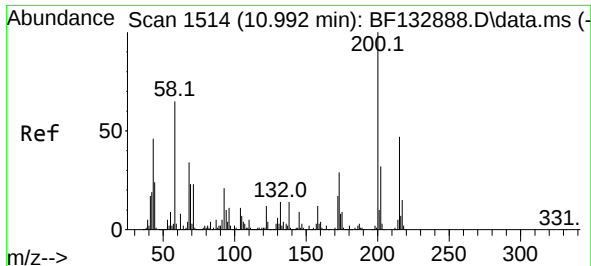
Tgt Ion:248 Resp: 544275
Ion Ratio Lower Upper
248 100
250 97.2 79.1 118.7
141 59.2 51.0 76.6



#68
Hexachlorobenzene
Concen: 44.386 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:284 Resp: 597860
Ion Ratio Lower Upper
284 100
142 27.1 22.0 33.0
249 28.8 22.6 34.0

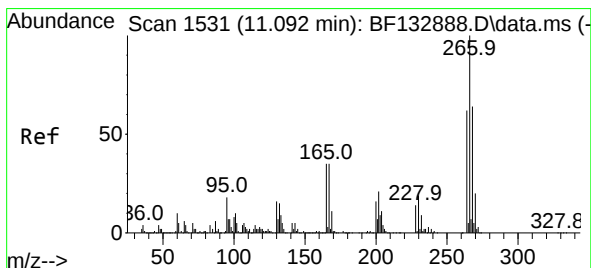
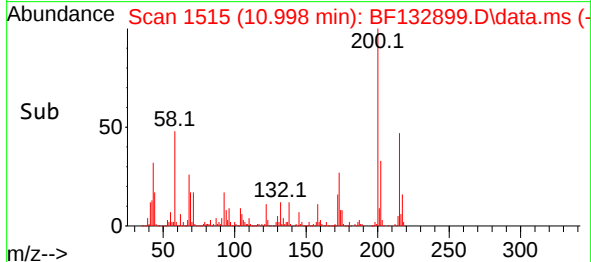
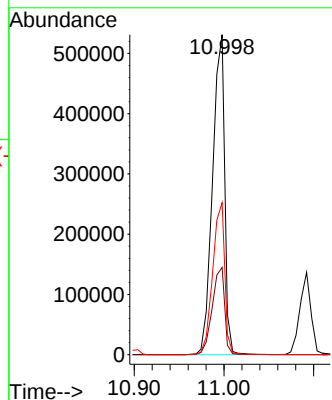
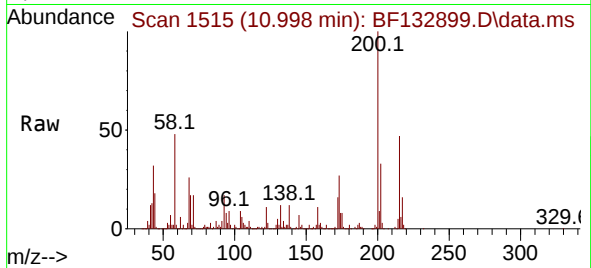




#69
 Atrazine
 Concen: 48.075 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

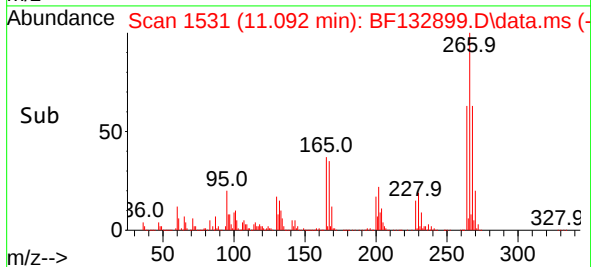
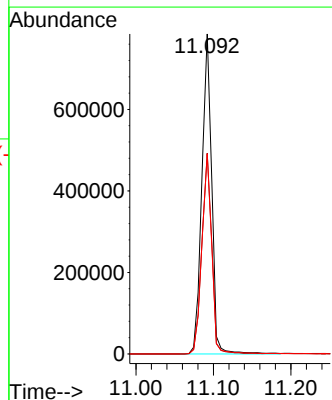
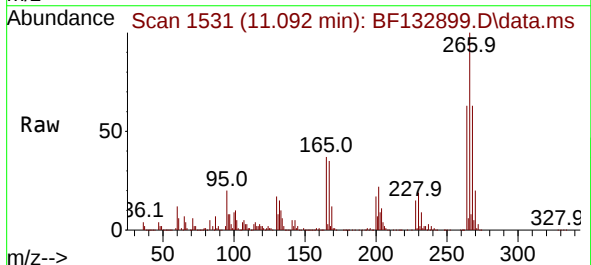
Instrument :
 BNA_F
 ClientSampleId :
 PB152177BS

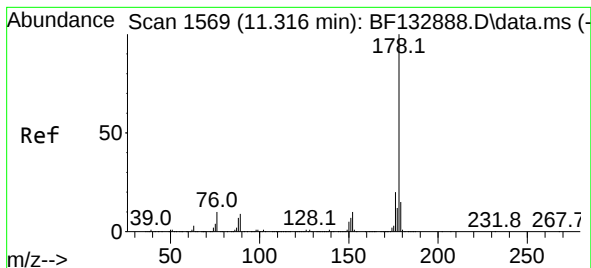
Tgt Ion:200 Resp: 497574
 Ion Ratio Lower Upper
 200 100
 173 27.2 8.7 48.7
 215 47.5 27.2 67.2



#70
 Pentachlorophenol
 Concen: 79.866 ng
 RT: 11.092 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

Tgt Ion:266 Resp: 694179
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.9 76.3
 264 62.6 49.8 74.6





#71

Phenanthrene

Concen: 40.558 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

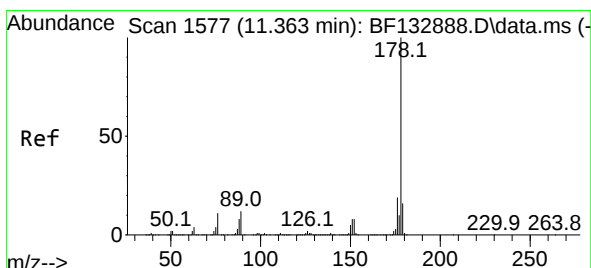
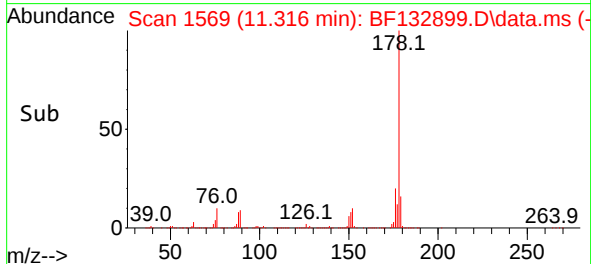
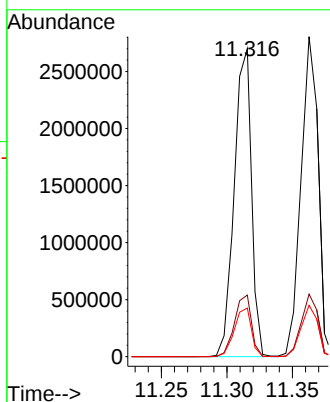
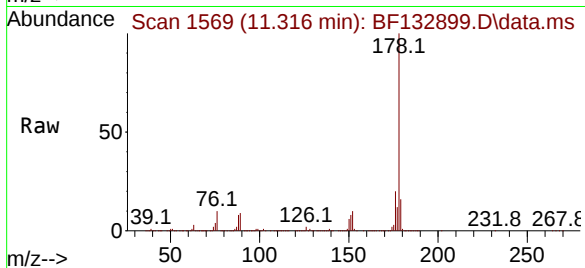
Tgt Ion:178 Resp: 2480374

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.8 12.3 18.5



#72

Anthracene

Concen: 40.752 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

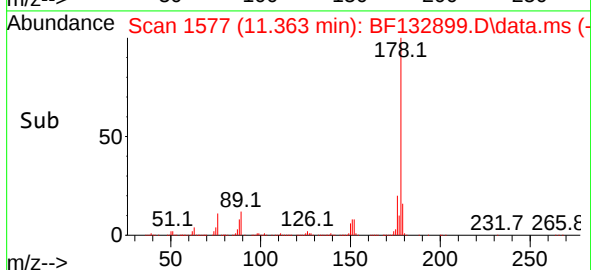
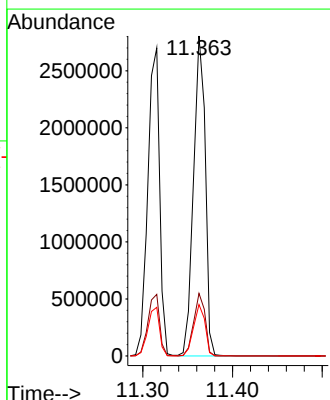
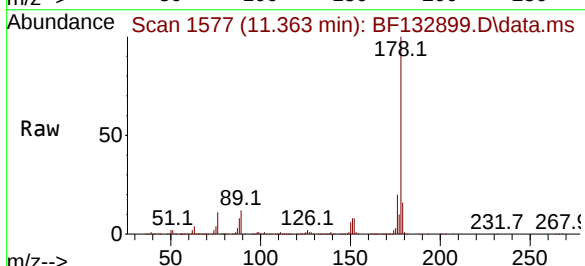
Tgt Ion:178 Resp: 2551224

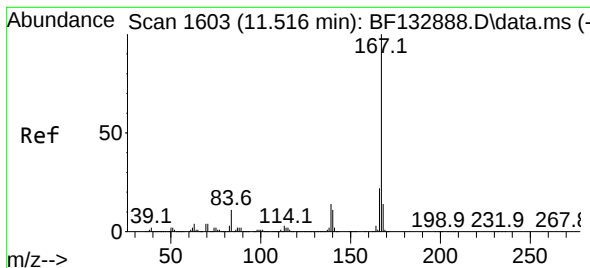
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 16.0 12.8 19.2





#73

Carbazole

Concen: 41.529 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

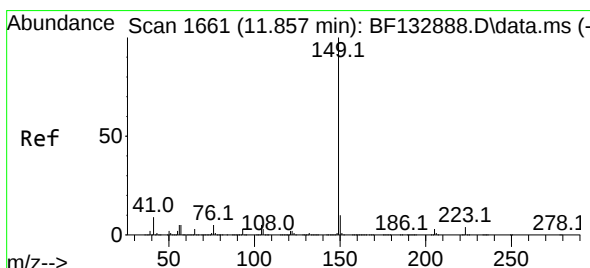
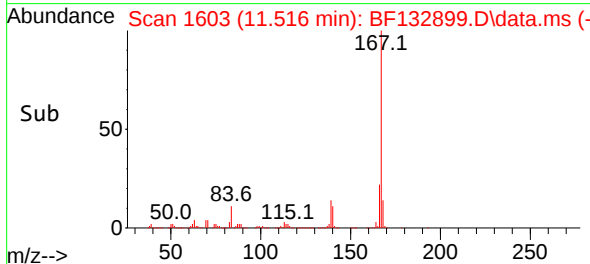
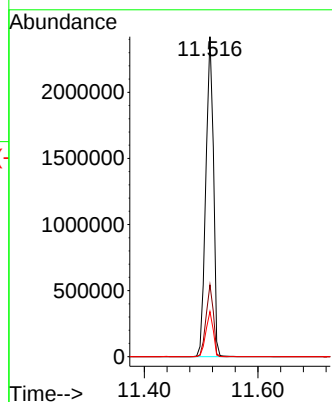
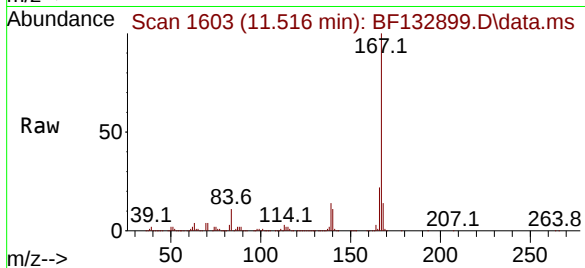
Tgt Ion:167 Resp: 2249575

Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.2

139 14.1 11.0 16.4



#74

Di-n-butylphthalate

Concen: 45.835 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

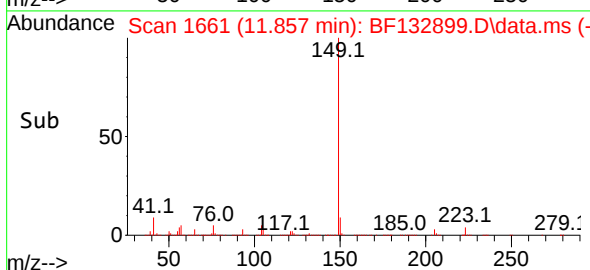
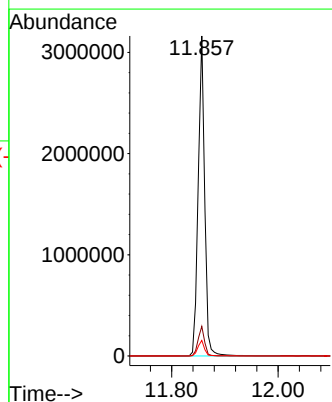
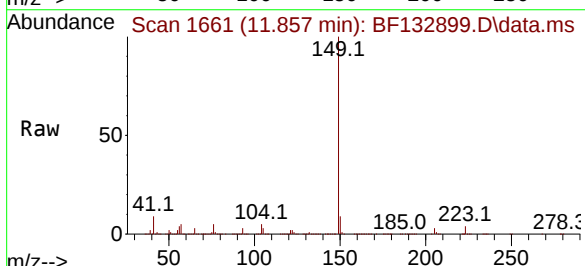
Tgt Ion:149 Resp: 2661620

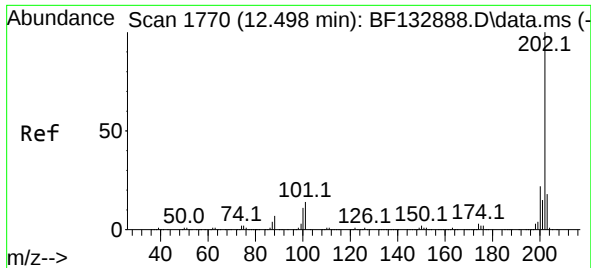
Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

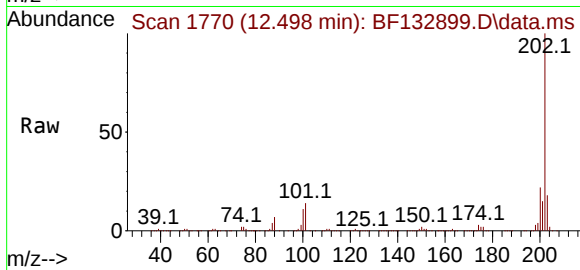
104 4.8 4.2 6.2



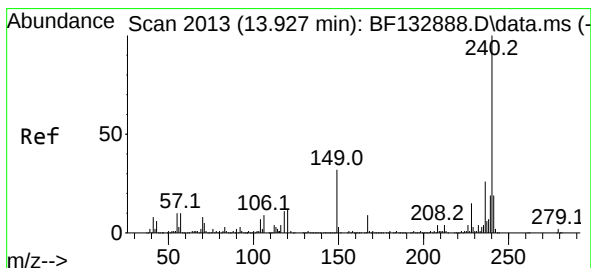
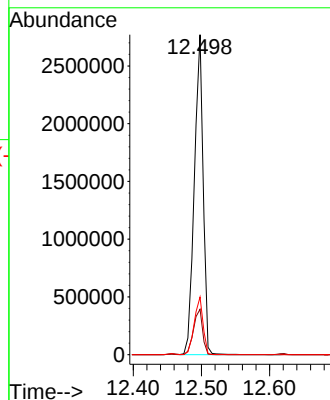
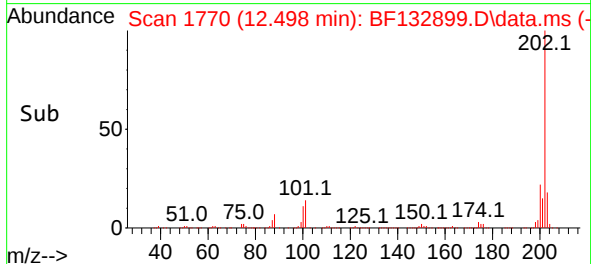


#75
Fluoranthene
Concen: 40.678 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS

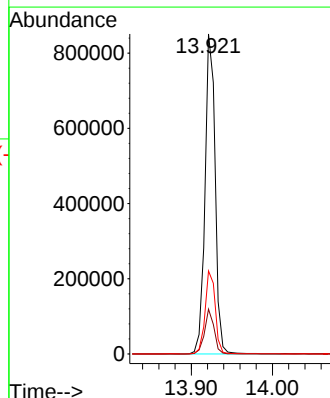
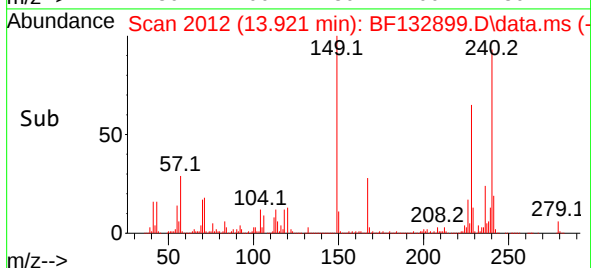
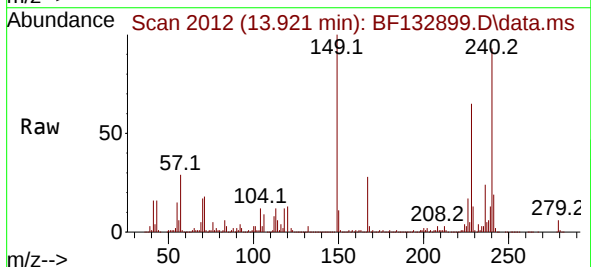


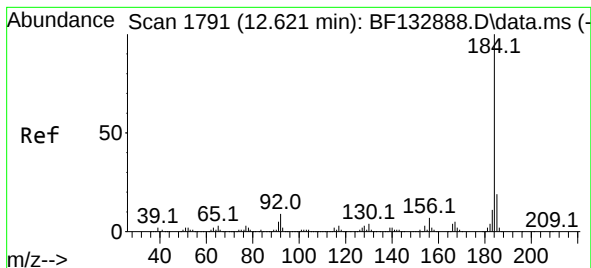
Tgt Ion:202 Resp: 2473899
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.5
203 18.0 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:240 Resp: 738489
Ion Ratio Lower Upper
240 100
120 14.0 10.0 15.0
236 25.9 20.8 31.2





#77

Benzidine

Concen: 101.195 ng

RT: 12.621 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

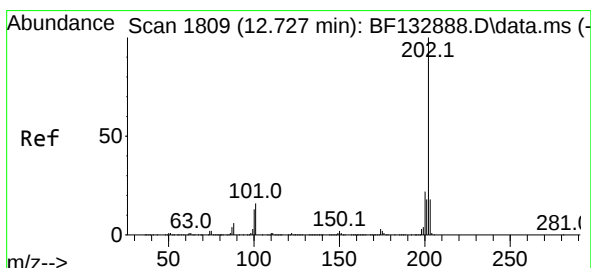
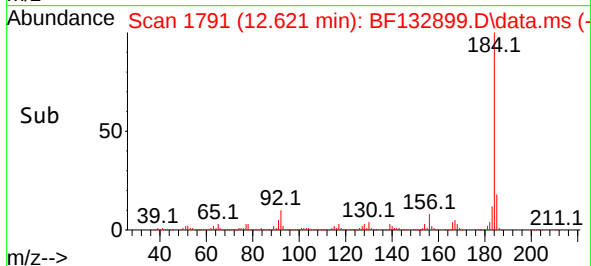
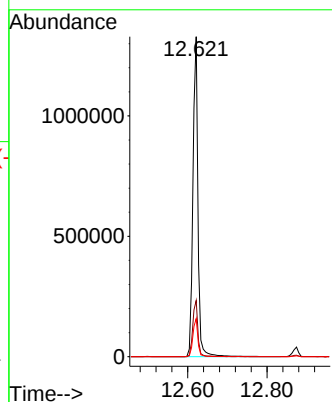
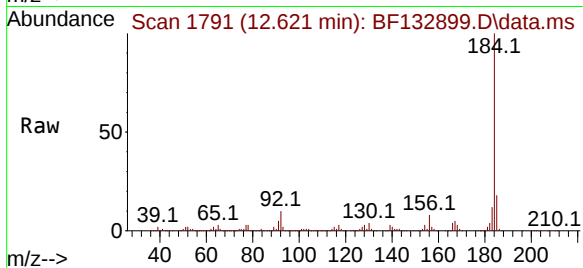
Tgt Ion:184 Resp: 1164138

Ion Ratio Lower Upper

184 100

185 17.5 14.9 22.3

183 11.9 9.0 13.6



#78

Pyrene

Concen: 41.897 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

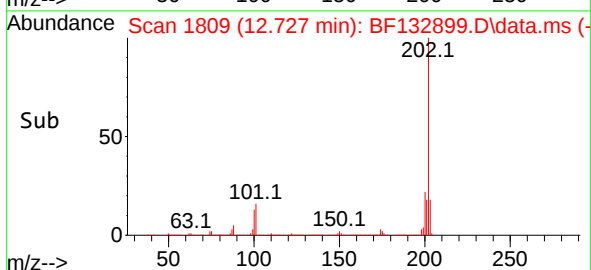
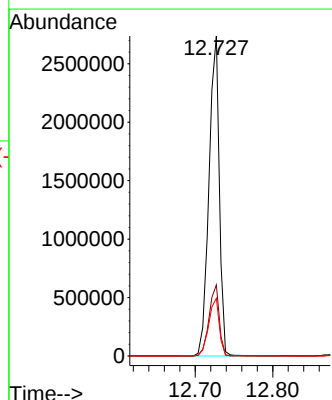
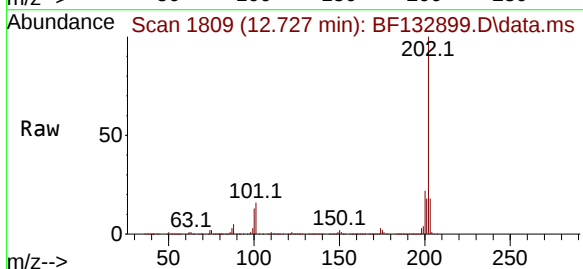
Tgt Ion:202 Resp: 2529984

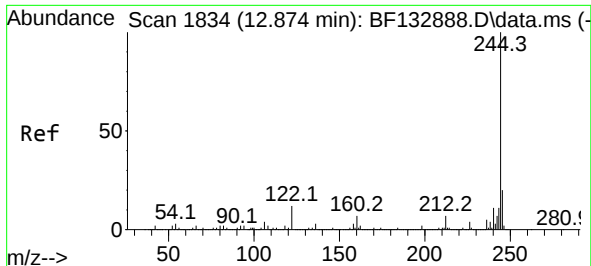
Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

203 18.0 14.6 22.0

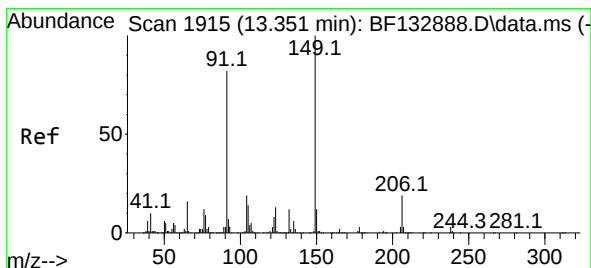
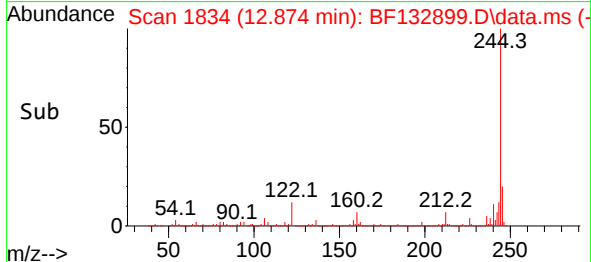
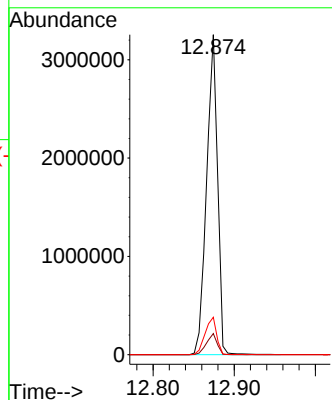
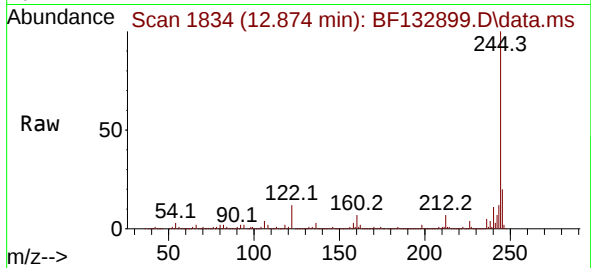




#79
 Terphenyl-d14
 Concen: 70.329 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

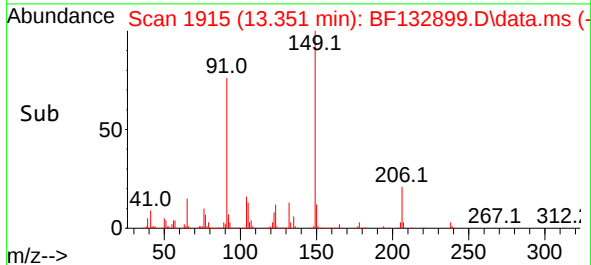
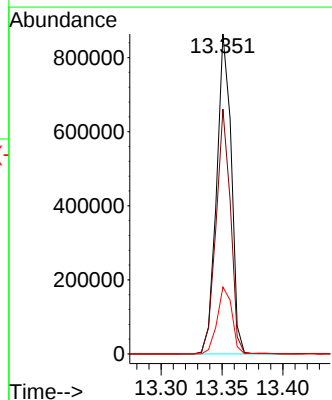
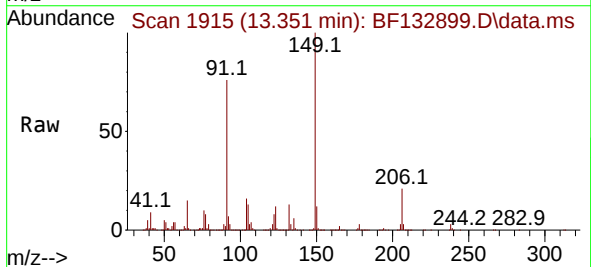
Instrument :
 BNA_F
 ClientSampleId :
 PB152177BS

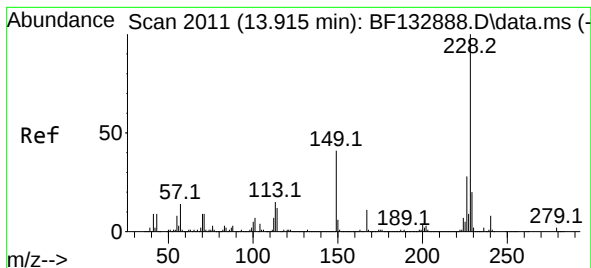
Tgt Ion:244 Resp: 3044246
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.7 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 49.549 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: BF132899.D
 Acq: 18 Apr 2023 13:14

Tgt Ion:149 Resp: 724741
 Ion Ratio Lower Upper
 149 100
 91 76.5 65.4 98.0
 206 20.9 15.6 23.4





#81

Benzo(a)anthracene

Concen: 42.462 ng

RT: 13.909 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

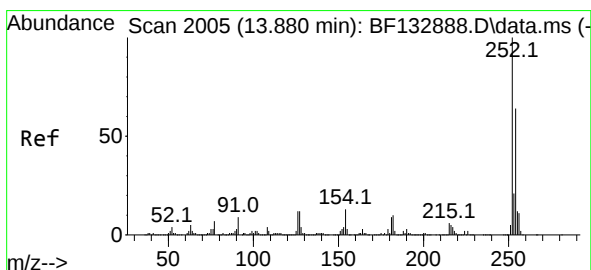
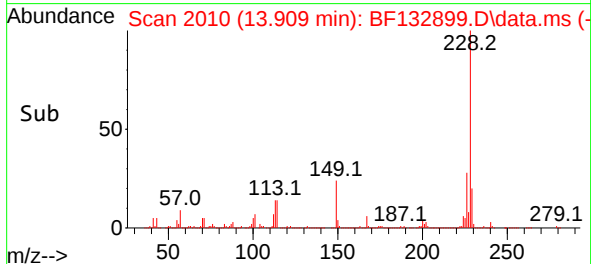
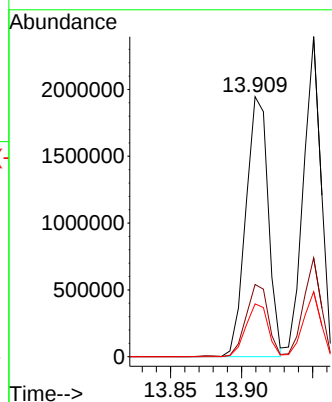
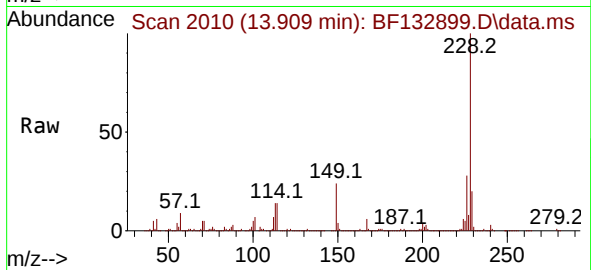
Tgt Ion:228 Resp: 2132560

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 31.548 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

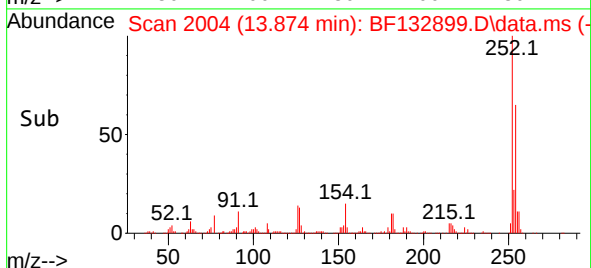
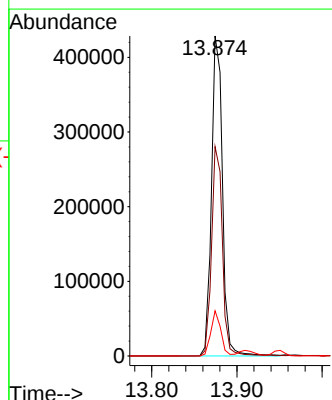
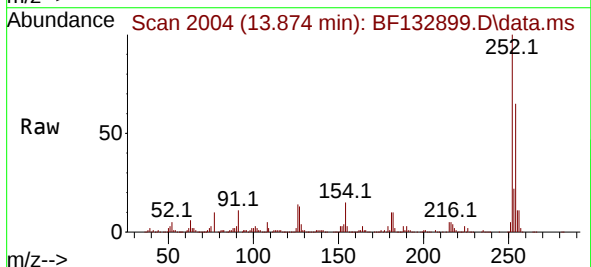
Tgt Ion:252 Resp: 383262

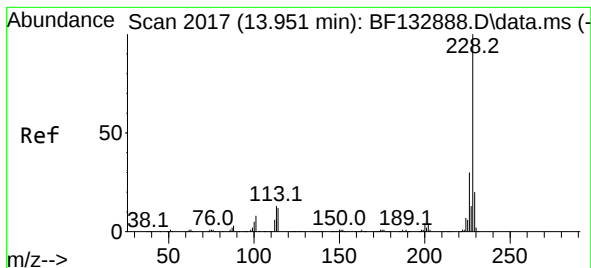
Ion Ratio Lower Upper

252 100

254 65.4 51.0 76.6

126 14.1 9.8 14.6





#83

Chrysene

Concen: 41.612 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

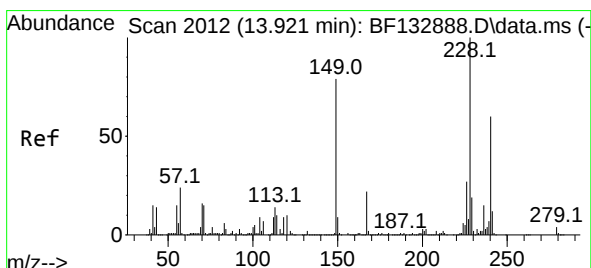
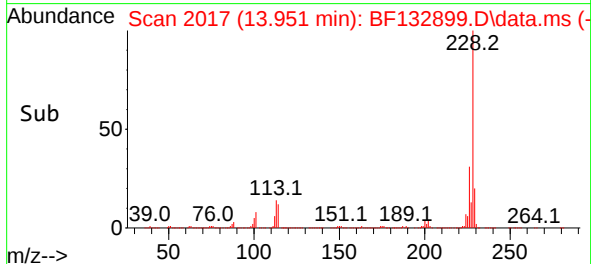
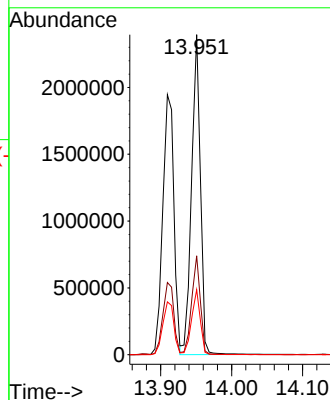
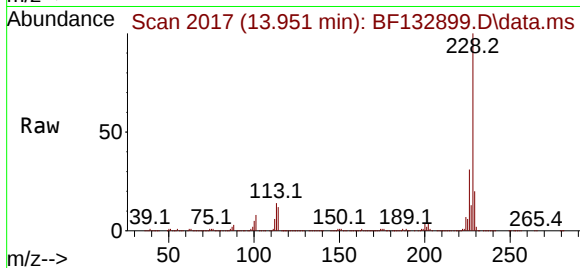
Tgt Ion:228 Resp: 2077175

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.389 ng

RT: 13.915 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

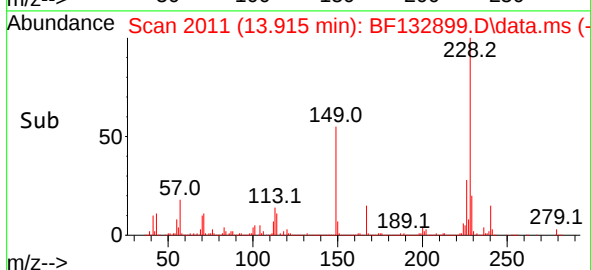
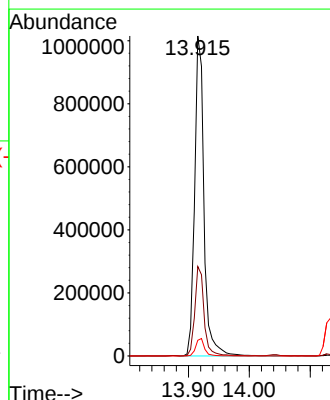
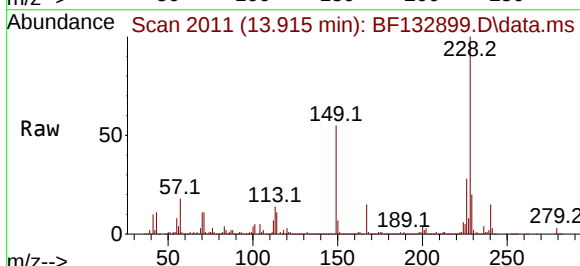
Tgt Ion:149 Resp: 1077091

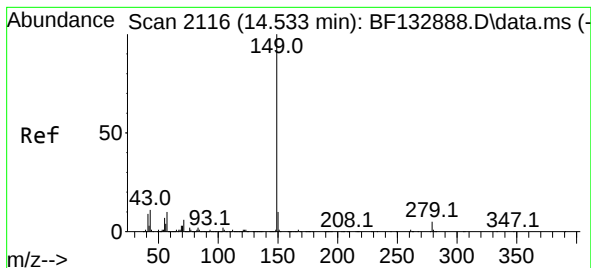
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.9 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 49.922 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

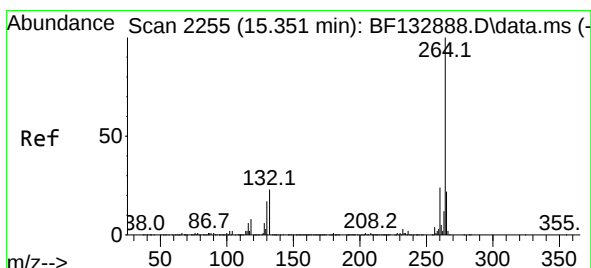
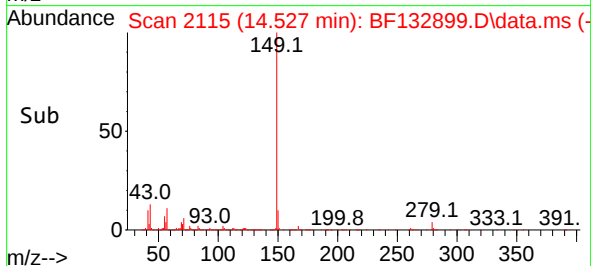
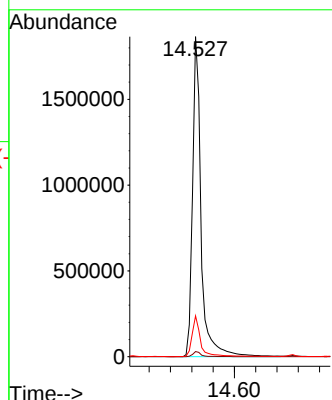
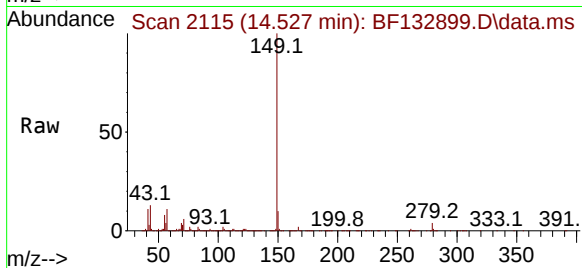
Tgt Ion:149 Resp: 2084848

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.9 11.5 17.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

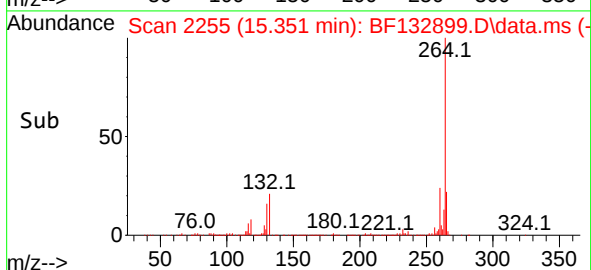
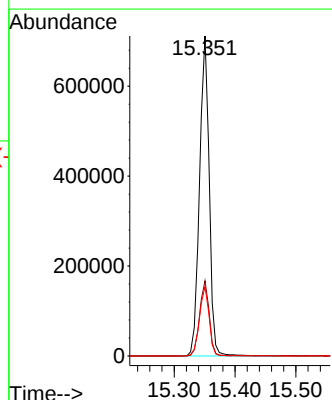
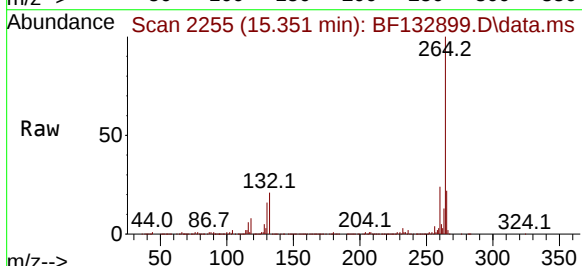
Tgt Ion:264 Resp: 781458

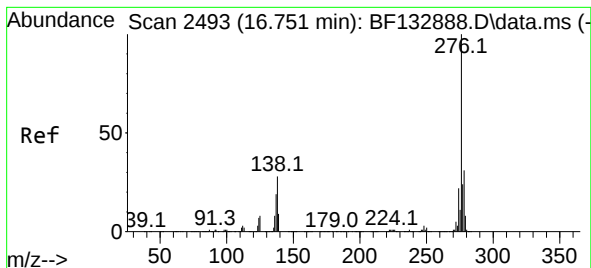
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.235 ng

RT: 16.750 min Scan# 2493

Delta R.T. -0.001 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB152177BS

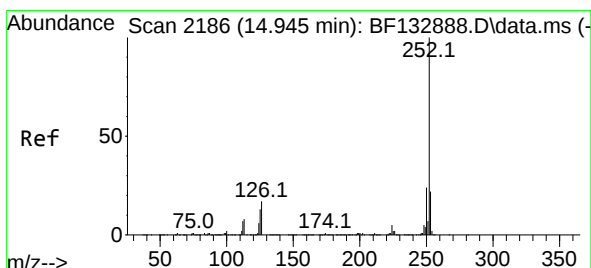
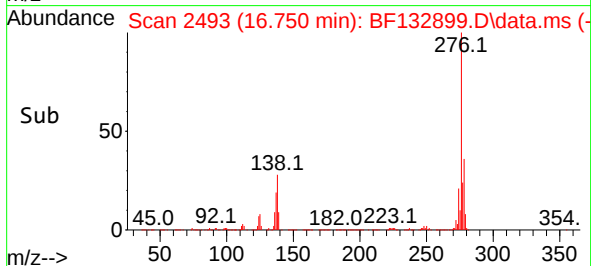
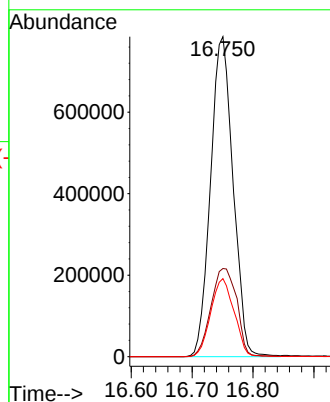
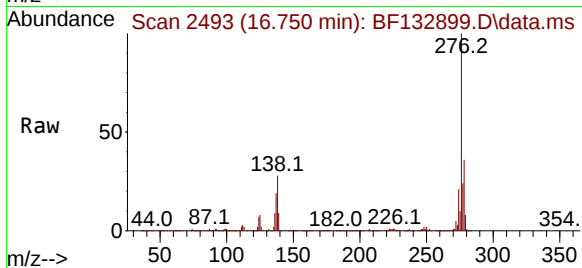
Tgt Ion:276 Resp: 2019868

Ion Ratio Lower Upper

276 100

138 31.5 25.5 38.3

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.218 ng

RT: 14.945 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF132899.D

Acq: 18 Apr 2023 13:14

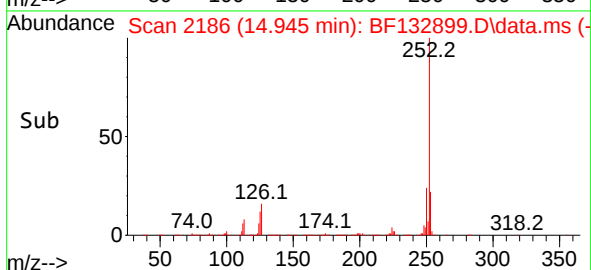
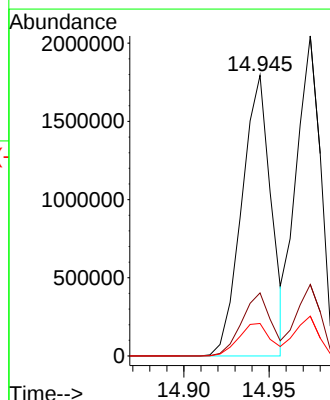
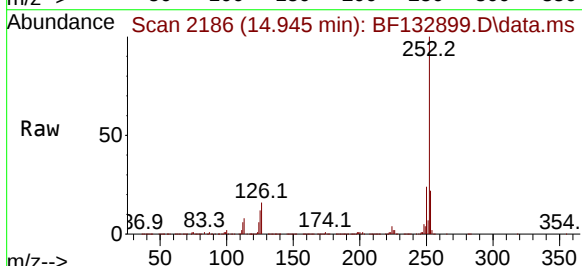
Tgt Ion:252 Resp: 2152397

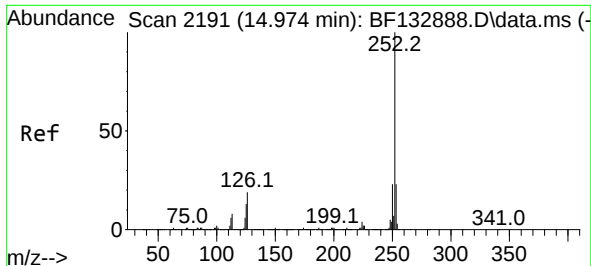
Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 11.6 10.0 15.0

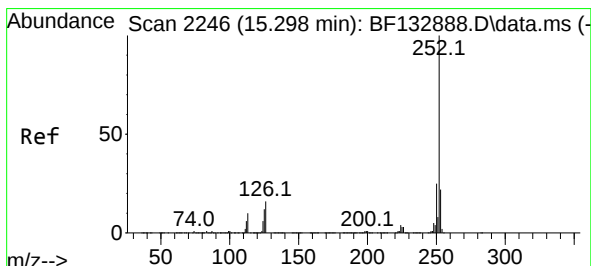
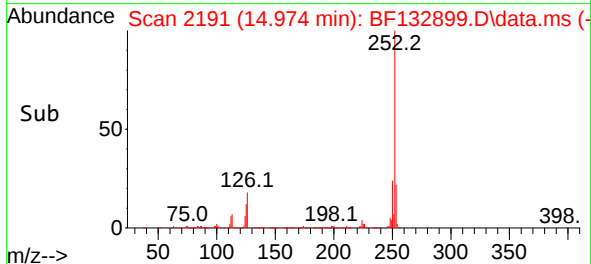
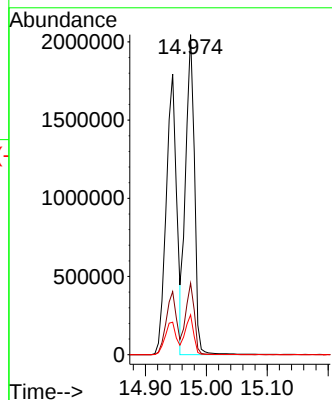
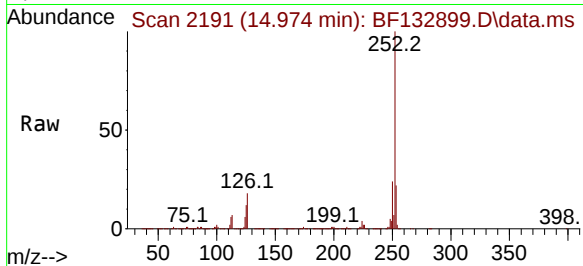




#89
Benzo(k)fluoranthene
Concen: 42.753 ng
RT: 14.974 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

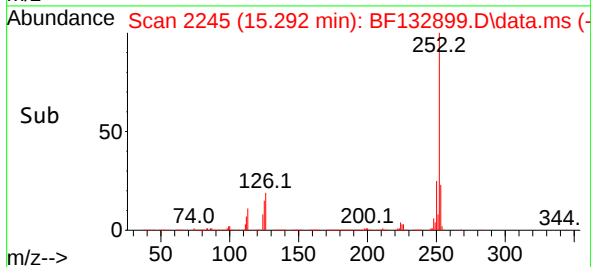
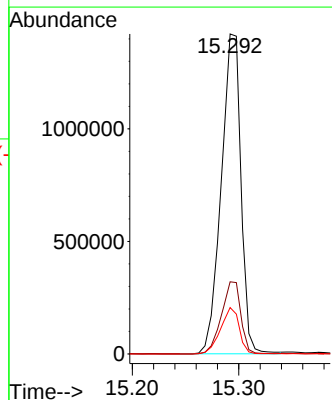
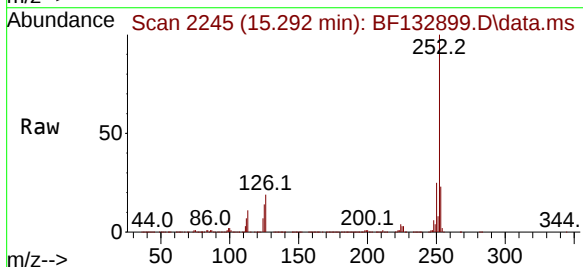
Instrument :
BNA_F
ClientSampleId :
PB152177BS

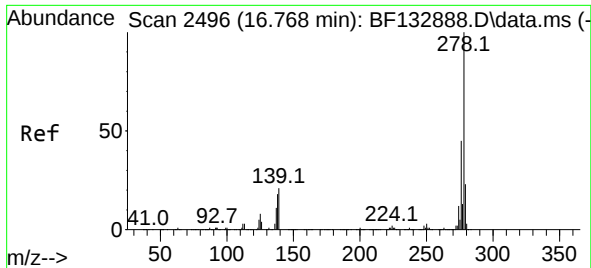
Tgt Ion:252 Resp: 2073103
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.5 10.0 15.0



#90
Benzo(a)pyrene
Concen: 41.095 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:252 Resp: 1827539
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 14.5 9.9 14.9

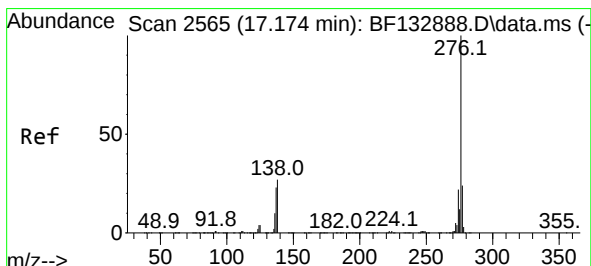
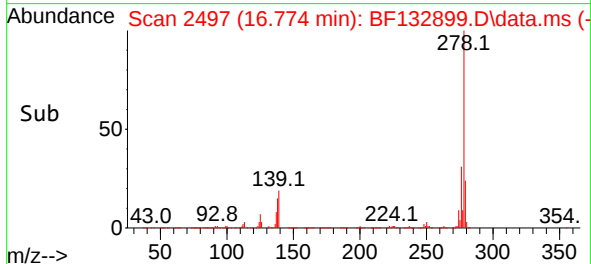
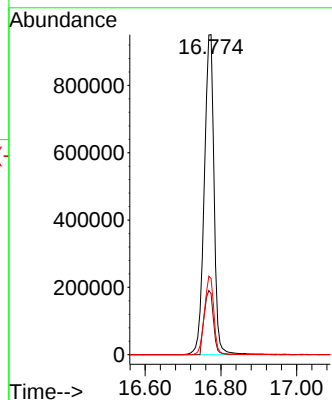
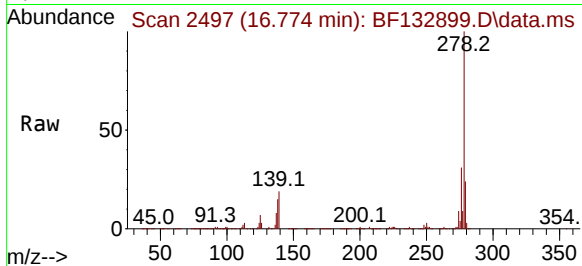




#91
Dibenzo(a,h)anthracene
Concen: 44.852 ng
RT: 16.774 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Instrument :
BNA_F
ClientSampleId :
PB152177BS

Tgt Ion:278 Resp: 1706481
Ion Ratio Lower Upper
278 100
139 19.1 16.7 25.1
279 23.9 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 43.494 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BF132899.D
Acq: 18 Apr 2023 13:14

Tgt Ion:276 Resp: 1584439
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 27.3 21.7 32.5

