

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132084.D
 Acq On : 16 Jan 2023 23:11
 Operator : CG\JU
 Sample : PB150083BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

Quant Time: Jan 17 06:51:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	239211	20.000	ng	0.00
21) Naphthalene-d8	8.386	136	871997	20.000	ng	0.00
39) Acenaphthene-d10	10.157	164	474514	20.000	ng	0.00
64) Phenanthrene-d10	11.657	188	934360	20.000	ng	0.00
76) Chrysene-d12	14.315	240	589264	20.000	ng	0.00
86) Perylene-d12	15.915	264	563829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1592391	119.551	ng	0.02
7) Phenol-d6	6.716	99	2018438	121.518	ng	0.00
23) Nitrobenzene-d5	7.663	82	1286968	101.019	ng	0.00
42) 2,4,6-Tribromophenol	10.951	330	658996	145.375	ng	0.00
45) 2-Fluorobiphenyl	9.469	172	2361766	77.362	ng	0.00
79) Terphenyl-d14	13.251	244	2799564	90.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	245855	35.337	ng	99
3) Pyridine	3.875	79	647935	34.549	ng	99
4) n-Nitrosodimethylamine	3.840	42	320881	42.983	ng	99
6) Aniline	6.763	93	705873	30.135	ng	99
8) 2-Chlorophenol	6.881	128	673871	50.338	ng	99
9) Benzaldehyde	6.651	77	406849	35.035	ng	98
10) Phenol	6.728	94	748496	44.105	ng	99
11) bis(2-Chloroethyl)ether	6.828	93	636644	43.614	ng	99
12) 1,3-Dichlorobenzene	7.039	146	719043	44.781	ng	99
13) 1,4-Dichlorobenzene	7.116	146	724639	44.884	ng	98
14) 1,2-Dichlorobenzene	7.269	146	701341	47.480	ng	99
15) Benzyl Alcohol	7.234	79	585717	49.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.363	45	752679	45.336	ng	100
17) 2-Methylphenol	7.334	107	553509	44.825	ng	99
18) Hexachloroethane	7.616	117	254023	51.587	ng	93
19) n-Nitroso-di-n-propyla...	7.504	70	426955	45.939	ng	98
20) 3+4-Methylphenols	7.487	107	662489	43.372	ng	97
22) Acetophenone	7.504	105	861687	42.462	ng	100
24) Nitrobenzene	7.681	77	691371	50.002	ng	98
25) Isophorone	7.916	82	1299435	43.442	ng	99
26) 2-Nitrophenol	7.998	139	272313	54.067	ng	96
27) 2,4-Dimethylphenol	8.022	122	609993	47.733	ng	99
28) bis(2-Chloroethoxy)met...	8.122	93	763639	43.350	ng	99
29) 2,4-Dichlorophenol	8.234	162	585643	49.256	ng	98
30) 1,2,4-Trichlorobenzene	8.322	180	646568	45.252	ng	98
31) Naphthalene	8.410	128	1871534	42.700	ng	99
32) Benzoic acid	8.134	122	336589	54.230	ng	98
33) 4-Chloroaniline	8.445	127	400958	21.635	ng	99
34) Hexachlorobutadiene	8.522	225	409297	45.601	ng	99
35) Caprolactam	8.822	113	185452m	49.179	ng	
36) 4-Chloro-3-methylphenol	8.928	107	583060	47.071	ng	99
37) 2-Methylnaphthalene	9.104	142	1232917	40.957	ng	100
38) 1-Methylnaphthalene	9.204	142	1151219	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	9.269	216	609206	40.491	ng	99
41) Hexachlorocyclopentadiene	9.257	237	759440	97.266	ng	99
43) 2,4,6-Trichlorophenol	9.375	196	434769	51.301	ng	98

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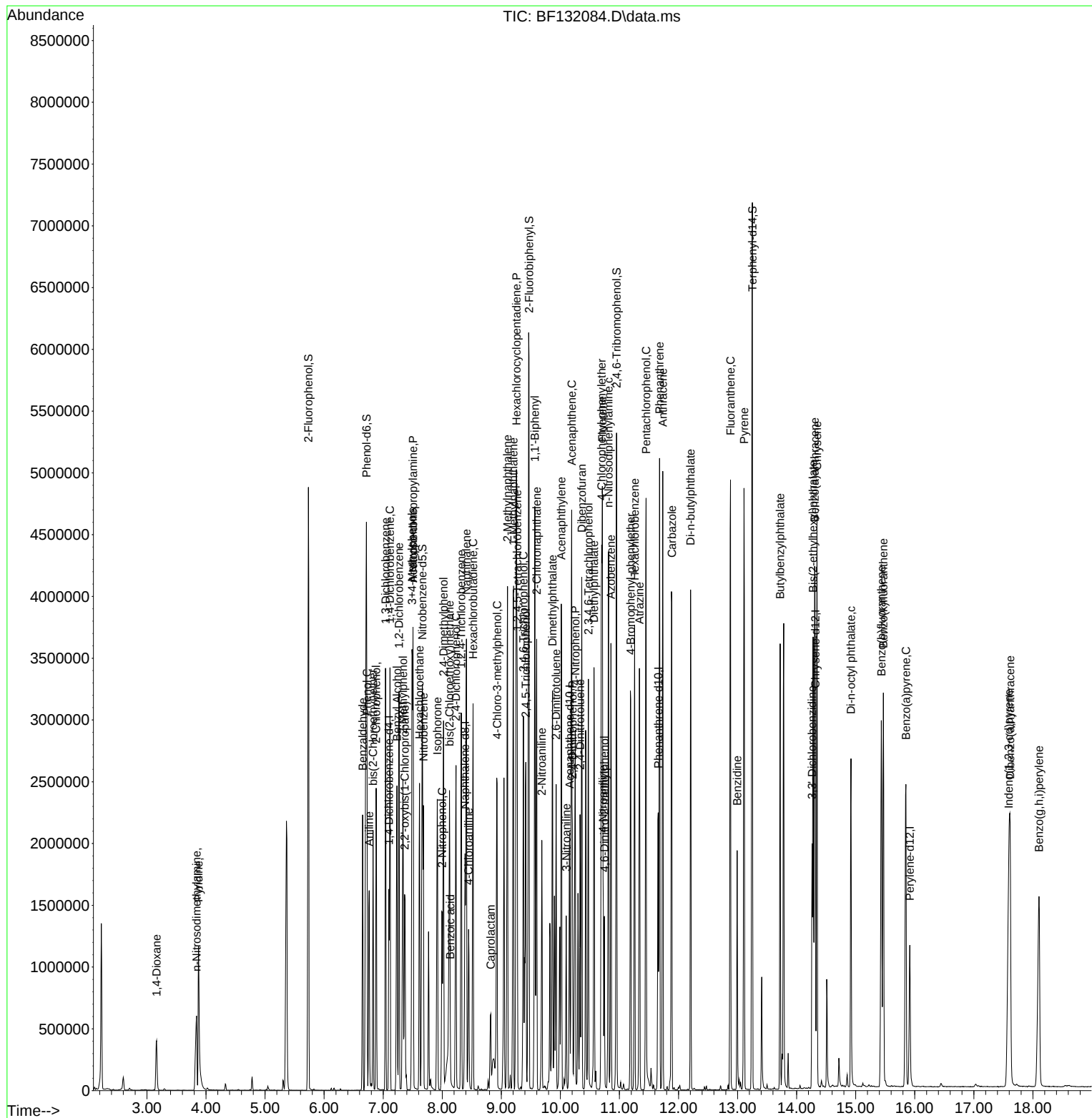
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.416	196	457402	46.147	ng	97
46) 1,1'-Biphenyl	9.569	154	1494255	41.443	ng	100
47) 2-Chloronaphthalene	9.598	162	1178769	42.446	ng	99
48) 2-Nitroaniline	9.686	65	320928	48.758	ng	98
49) Acenaphthylene	10.016	152	1865724	41.068	ng	100
50) Dimethylphthalate	9.869	163	1425334	46.615	ng	99
51) 2,6-Dinitrotoluene	9.928	165	305090	48.496	ng	98
52) Acenaphthene	10.192	154	1203571	45.039	ng	100
53) 3-Nitroaniline	10.098	138	200371	30.415	ng	98
54) 2,4-Dinitrophenol	10.204	184	271188	89.686	ng	# 11
55) Dibenzofuran	10.363	168	1654425	40.980	ng	98
56) 4-Nitrophenol	10.251	139	539108	89.356	ng	91
57) 2,4-Dinitrotoluene	10.333	165	405088	50.871	ng	# 87
58) Fluorene	10.710	166	1215236	40.149	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.475	232	406747	52.281	ng	99
60) Diethylphthalate	10.569	149	1355466	49.858	ng	99
61) 4-Chlorophenyl-phenyle...	10.698	204	644523	41.345	ng	95
62) 4-Nitroaniline	10.722	138	308744	45.549	ng	99
63) Azobenzene	10.857	77	1307401	40.427	ng	99
65) 4,6-Dinitro-2-methylph...	10.745	198	179557	52.216	ng	94
66) n-Nitrosodiphenylamine	10.816	169	1116725	40.822	ng	100
67) 4-Bromophenyl-phenylether	11.192	248	426630	41.937	ng	98
68) Hexachlorobenzene	11.257	284	501849	45.218	ng	95
69) Atrazine	11.339	200	471561	57.073	ng	100
70) Pentachlorophenol	11.451	266	601960	87.182	ng	98
71) Phenanthrene	11.680	178	1909322	40.484	ng	99
72) Anthracene	11.733	178	1940079	40.227	ng	99
73) Carbazole	11.886	167	1792392	41.323	ng	100
74) Di-n-butylphthalate	12.204	149	2028072	45.382	ng	100
75) Fluoranthene	12.880	202	2138887	40.291	ng	98
77) Benzidine	12.992	184	655591	66.386	ng	97
78) Pyrene	13.110	202	2197830	45.100	ng	100
80) Butylbenzylphthalate	13.721	149	740537	60.934	ng	98
81) Benzo(a)anthracene	14.304	228	1759134	43.829	ng	99
82) 3,3'-Dichlorobenzidine	14.263	252	372984	35.514	ng	99
83) Chrysene	14.345	228	1612475	42.780	ng	100
84) Bis(2-ethylhexyl)phtha...	14.280	149	990902	59.069	ng	97
85) Di-n-octyl phthalate	14.921	149	1436619	59.837	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.592	276	1774300	50.083	ng	98
88) Benzo(b)fluoranthene	15.433	252	1652405	47.764	ng	99
89) Benzo(k)fluoranthene	15.468	252	1523782	44.986	ng	99
90) Benzo(a)pyrene	15.851	252	1415084	43.886	ng	99
91) Dibenzo(a,h)anthracene	17.615	278	1464165	50.919	ng	98
92) Benzo(g,h,i)perylene	18.103	276	1501984	50.495	ng	99

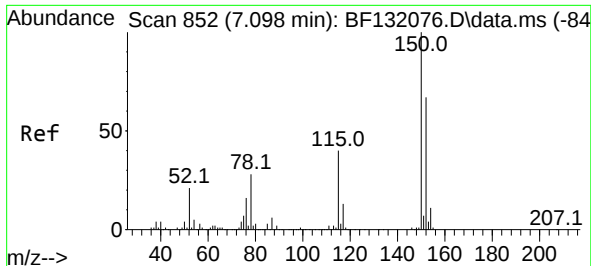
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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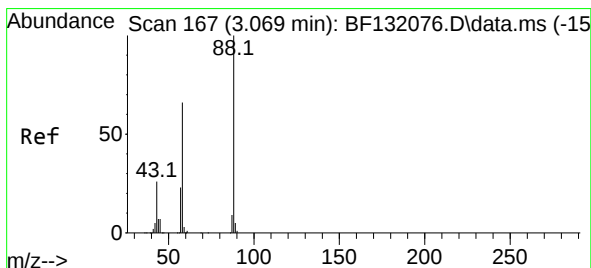
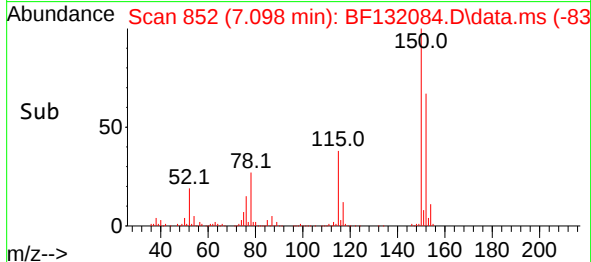
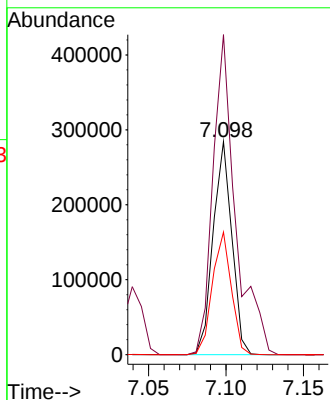
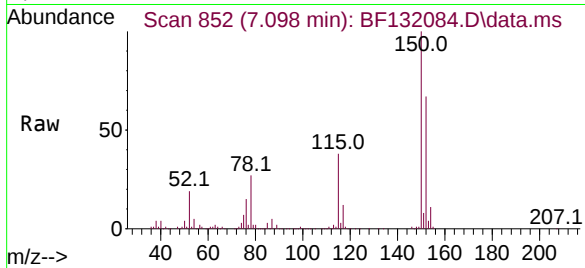




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.098 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

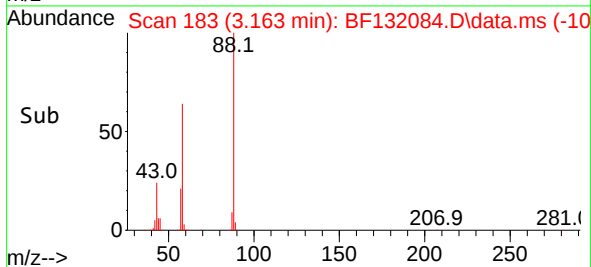
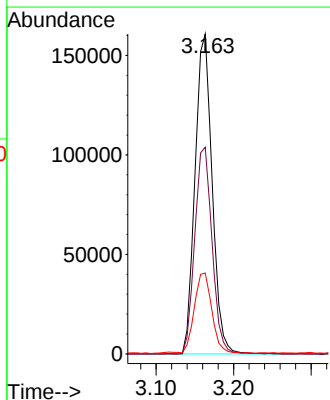
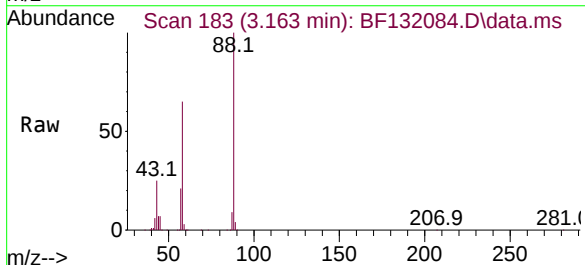
Instrument :
 BNA_F
 ClientSampleId :
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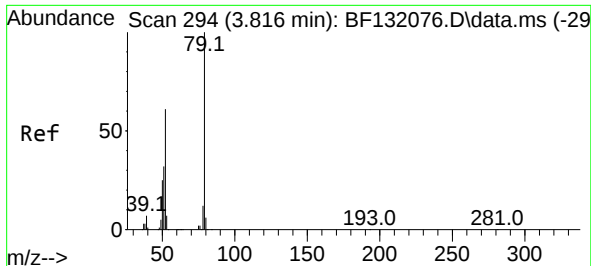
Tgt Ion:152 Resp: 239211
 Ion Ratio Lower Upper
 152 100
 150 150.1 118.6 178.0
 115 57.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 35.337 ng
 RT: 3.163 min Scan# 183
 Delta R.T. 0.094 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

Tgt Ion: 88 Resp: 245855
 Ion Ratio Lower Upper
 88 100
 58 65.7 51.8 77.8
 43 25.8 20.0 30.0





#3

Pyridine

Concen: 34.549 ng

RT: 3.875 min Scan# 304

Delta R.T. 0.059 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

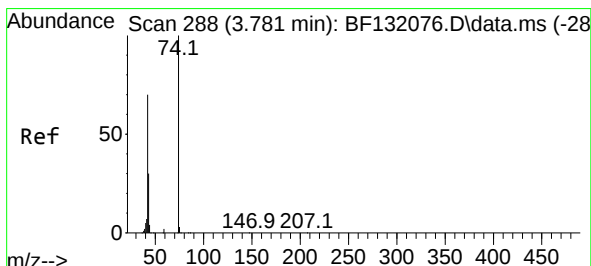
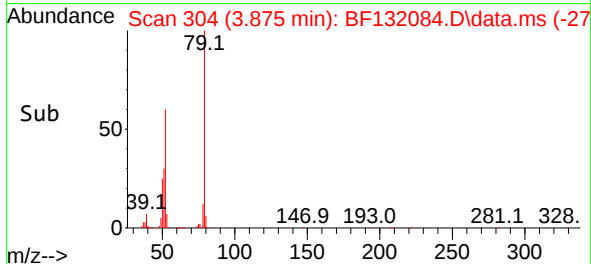
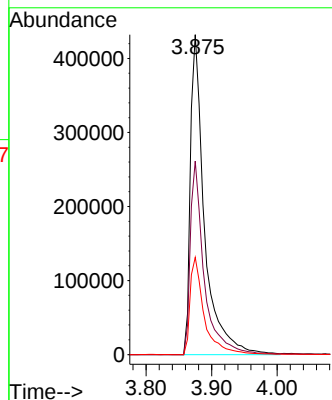
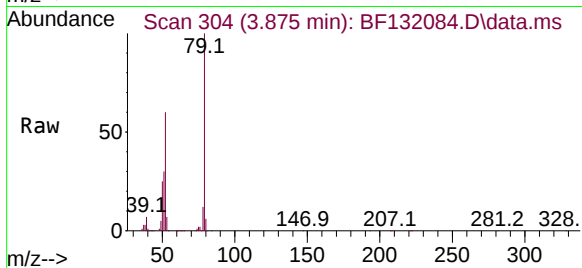
Tgt Ion: 79 Resp: 647935

Ion Ratio Lower Upper

79 100

52 60.5 48.6 73.0

51 30.4 25.5 38.3



#4

n-Nitrosodimethylamine

Concen: 42.983 ng

RT: 3.840 min Scan# 298

Delta R.T. 0.059 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

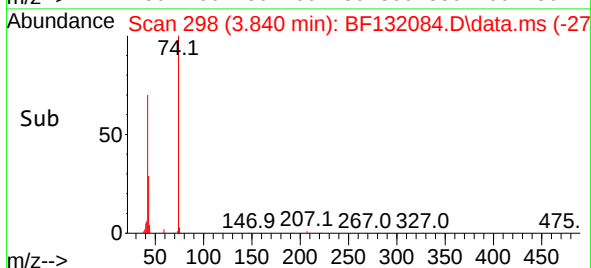
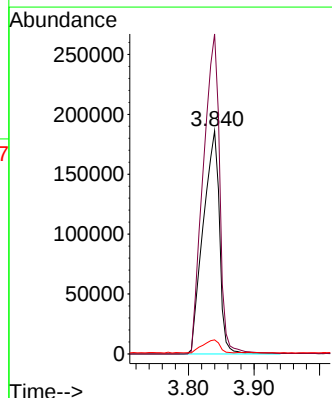
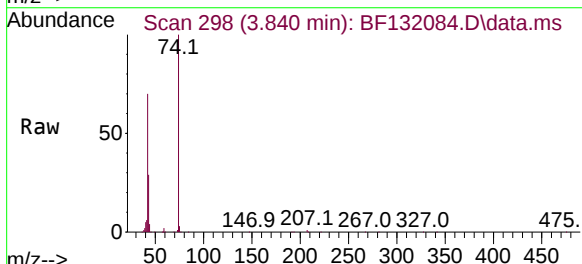
Tgt Ion: 42 Resp: 320881

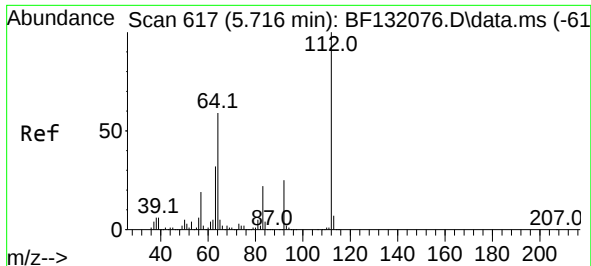
Ion Ratio Lower Upper

42 100

74 143.5 113.5 170.3

44 6.3 5.8 8.6

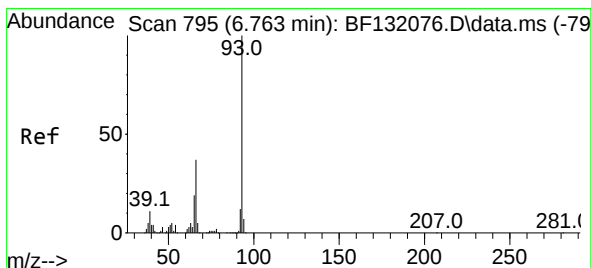
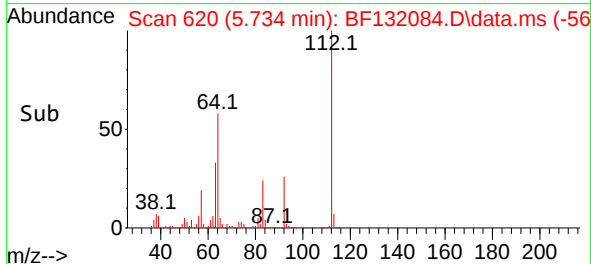
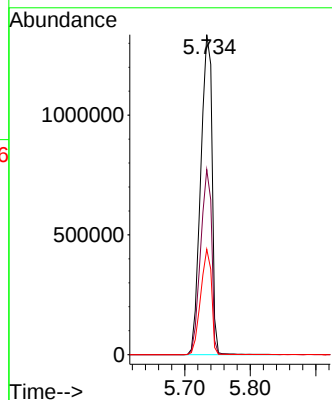
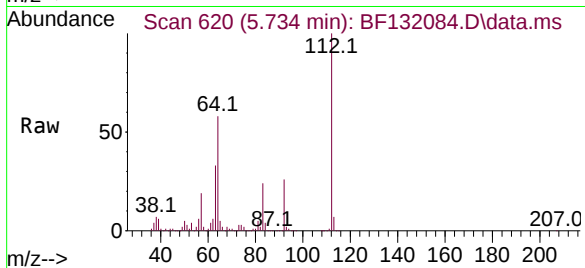




#5
2-Fluorophenol
Concen: 119.551 ng
RT: 5.734 min Scan# 617
Delta R.T. 0.018 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

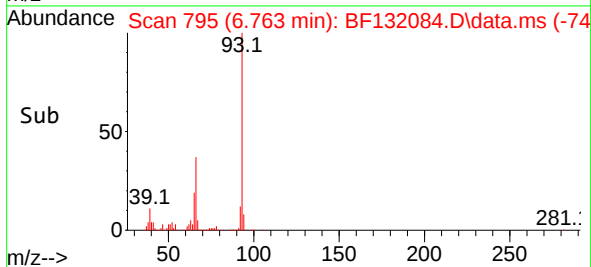
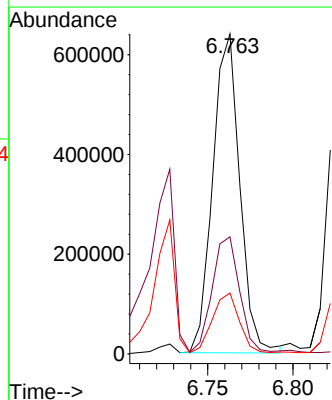
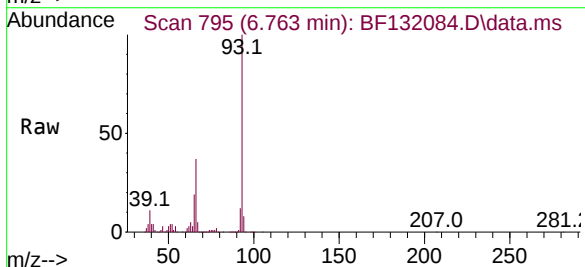
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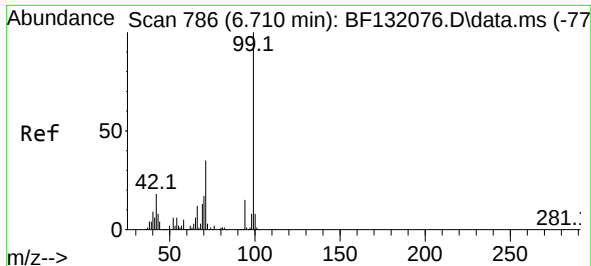
Tgt Ion:112 Resp: 1592391
Ion Ratio Lower Upper
112 100
64 57.8 46.9 70.3
63 32.9 25.6 38.4



#6
Aniline
Concen: 30.135 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion: 93 Resp: 705873
Ion Ratio Lower Upper
93 100
66 36.6 29.8 44.8
65 19.0 15.4 23.0



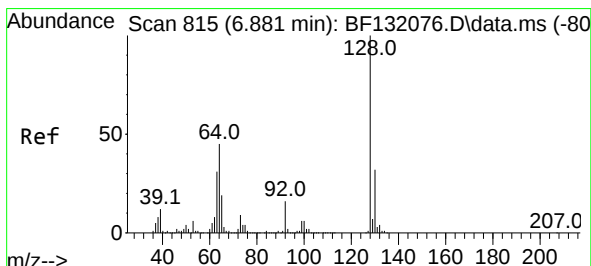
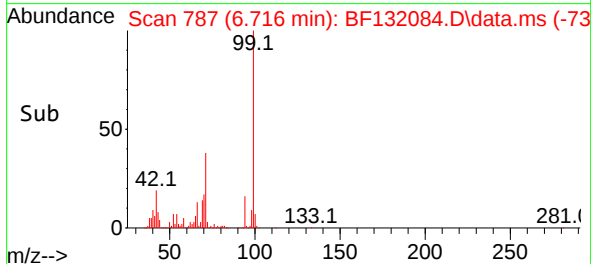
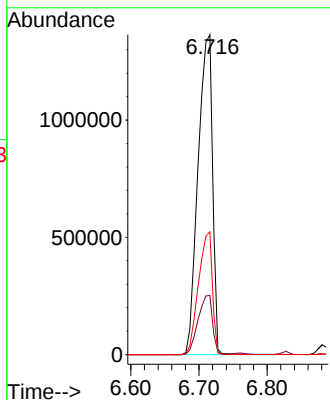
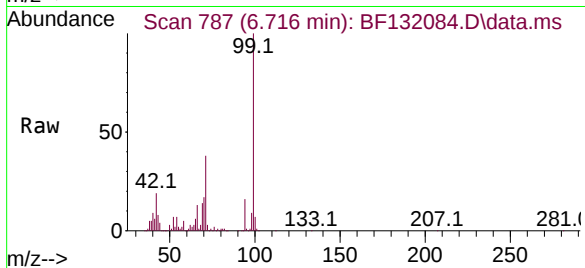


#7
Phenol-d6
Concen: 121.518 ng
RT: 6.716 min Scan# 786
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Instrument :
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Tgt Ion: 99 Resp: 2018438

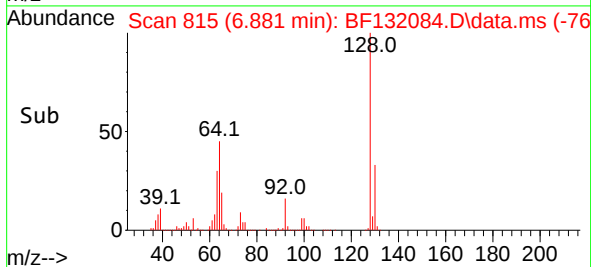
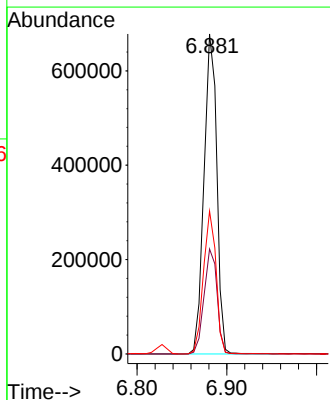
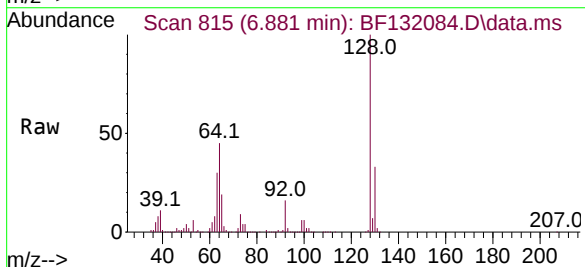
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.0	21.0
71	38.4	28.2	42.4

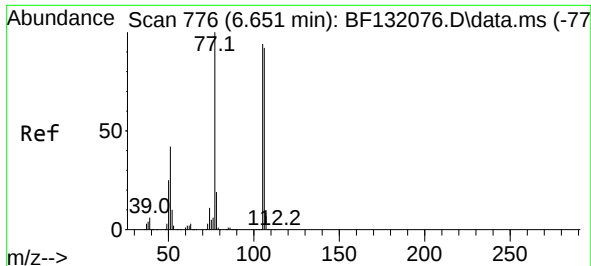


#8
2-Chlorophenol
Concen: 50.338 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion: 128 Resp: 673871

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	44.6	25.4	65.4

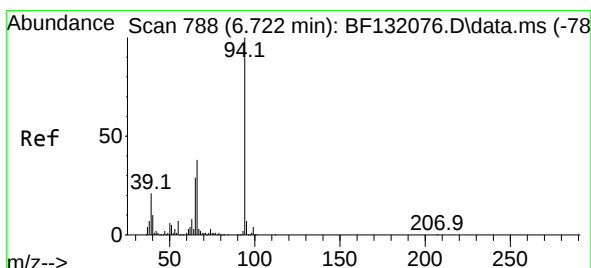
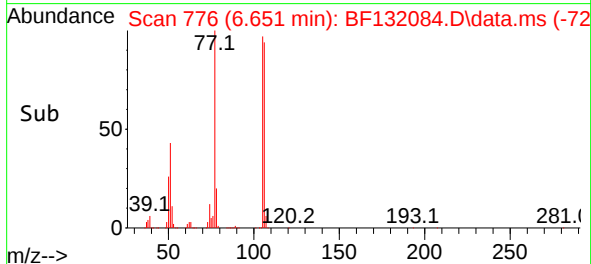
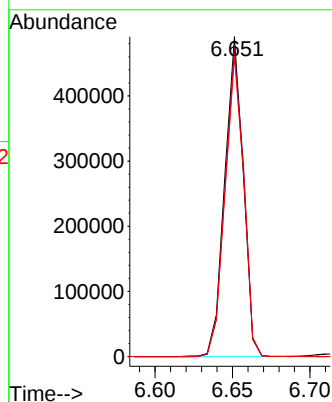
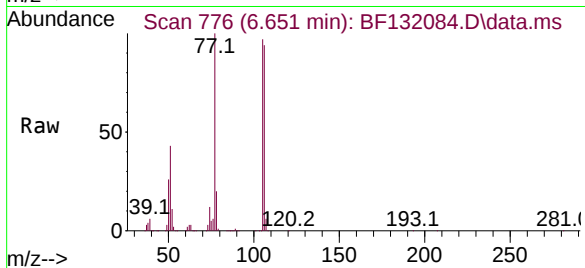




#9
Benzaldehyde
Concen: 35.035 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
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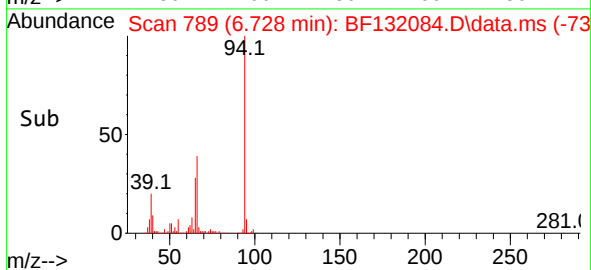
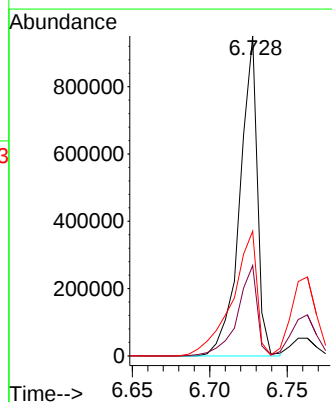
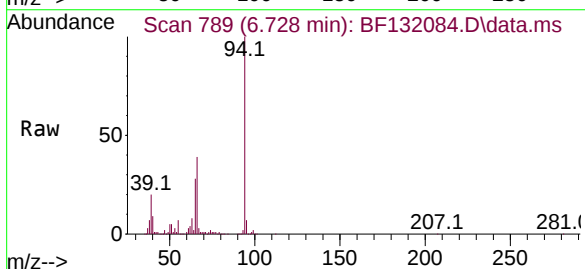
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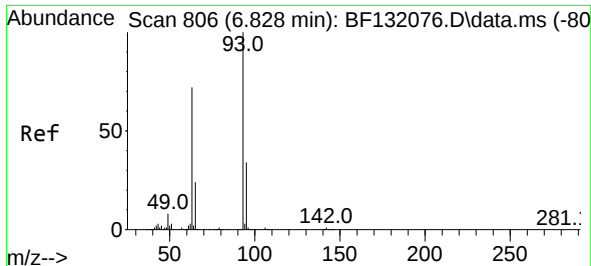
Tgt Ion: 77 Resp: 406849
Ion Ratio Lower Upper
77 100
105 96.6 74.3 114.3
106 93.5 71.9 111.9



#10
Phenol
Concen: 44.105 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion: 94 Resp: 748496
Ion Ratio Lower Upper
94 100
65 28.3 8.6 48.6
66 39.0 18.5 58.5

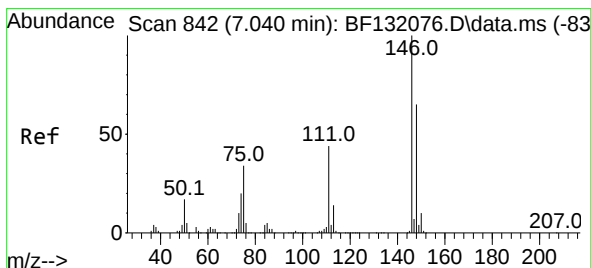
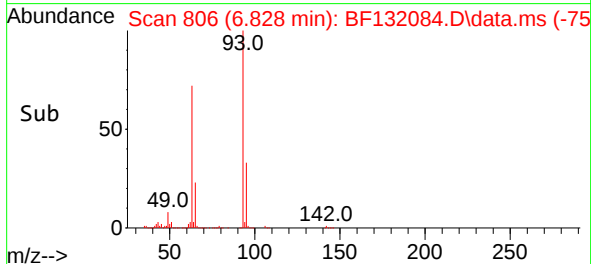
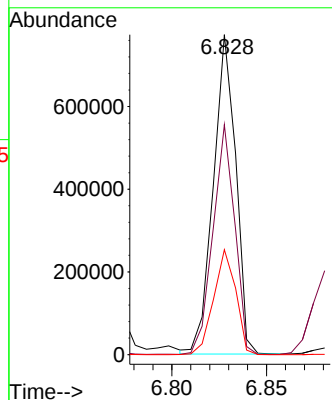
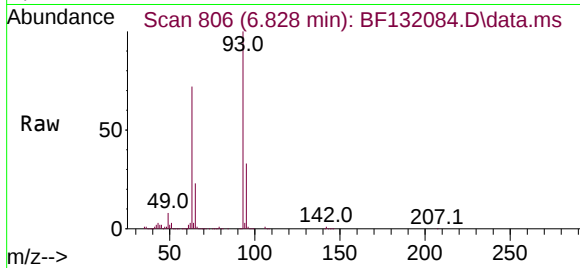




#11
bis(2-Chloroethyl)ether
Concen: 43.614 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

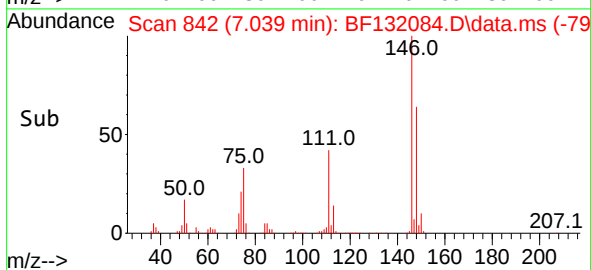
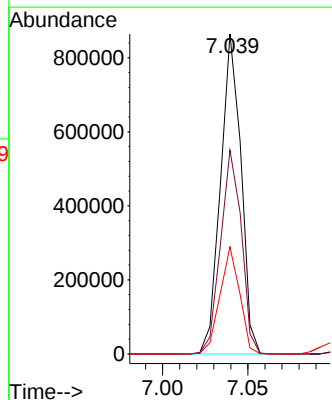
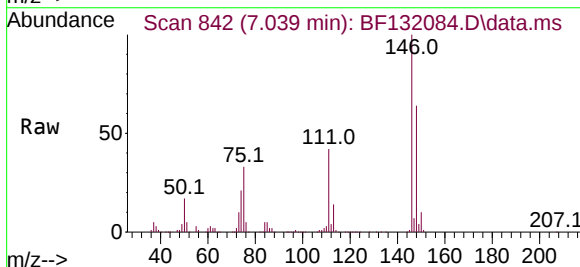
Instrument :
BNA_F
ClientSampleId :
PB150083BS

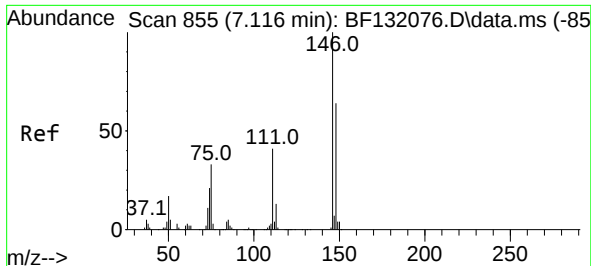
Tgt Ion: 93 Resp: 636644
Ion Ratio Lower Upper
93 100
63 71.8 51.3 91.3
95 32.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.781 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:146 Resp: 719043
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 33.4 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 44.884 ng

RT: 7.116 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

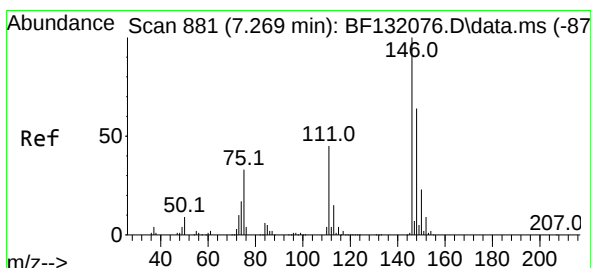
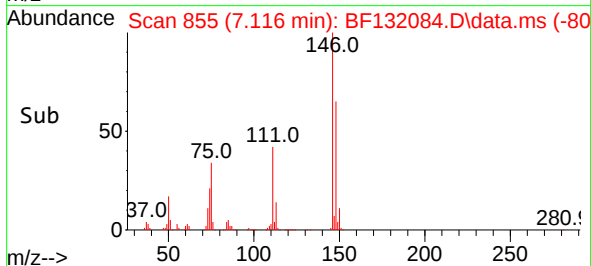
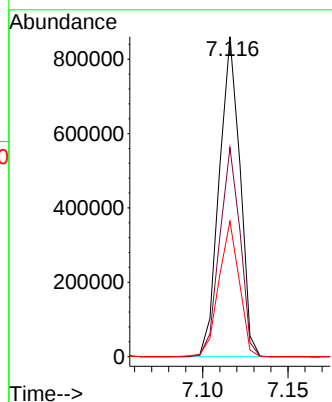
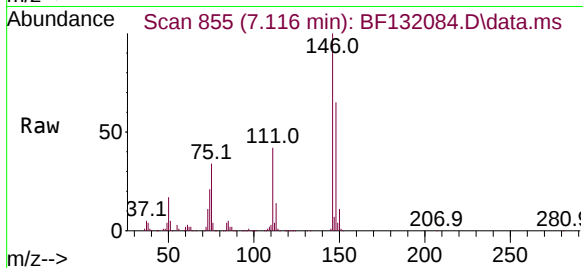
Tgt Ion:146 Resp: 724639

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

111 42.3 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 47.480 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

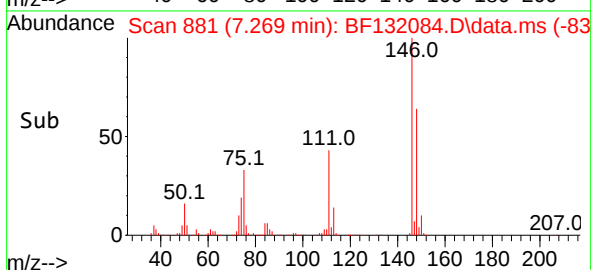
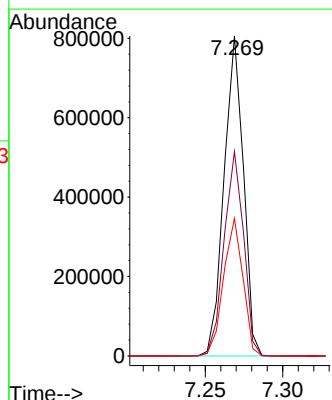
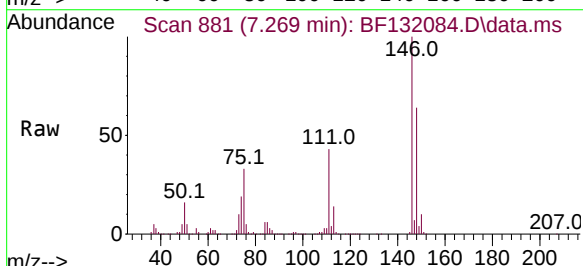
Tgt Ion:146 Resp: 701341

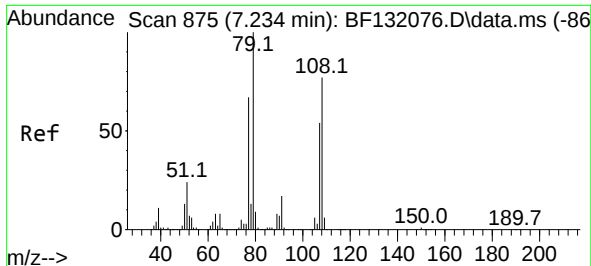
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

111 43.0 35.6 53.4

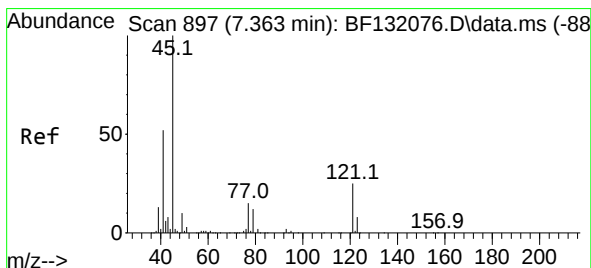
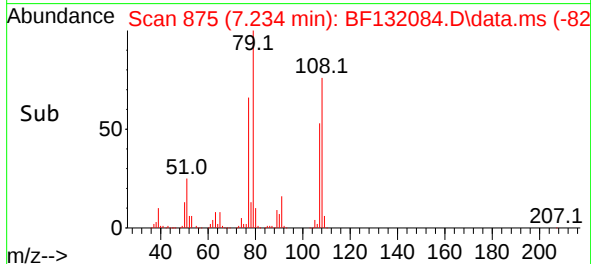
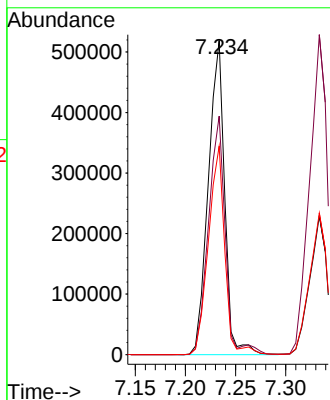
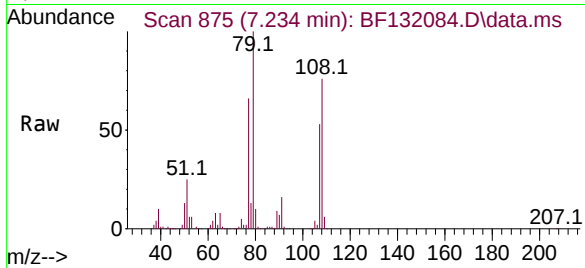




#15
Benzyl Alcohol
Concen: 49.187 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

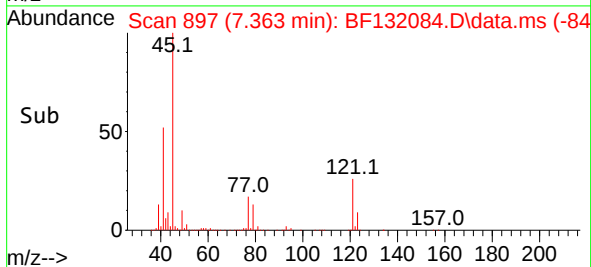
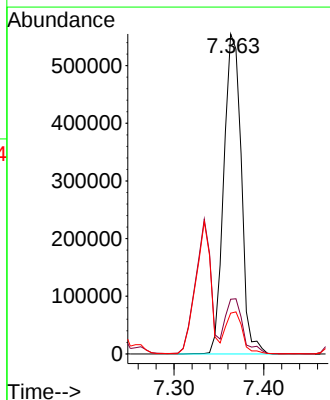
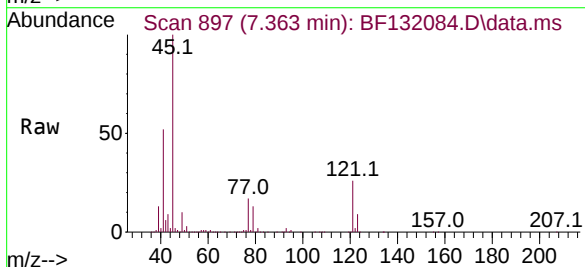
Instrument :
BNA_F
ClientSampleId :
PB150083BS

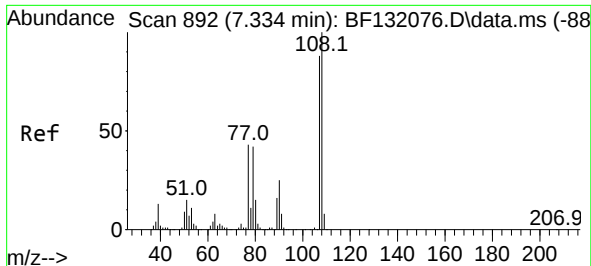
Tgt Ion: 79 Resp: 585717
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 66.4 53.2 79.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.336 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

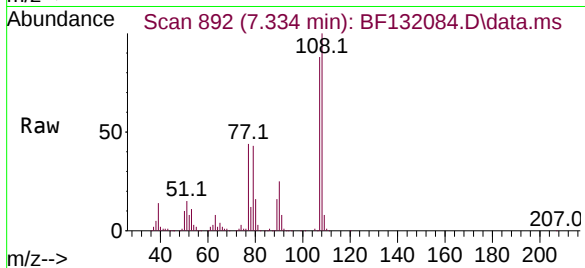
Tgt Ion: 45 Resp: 752679
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.8
79 12.7 0.0 32.8



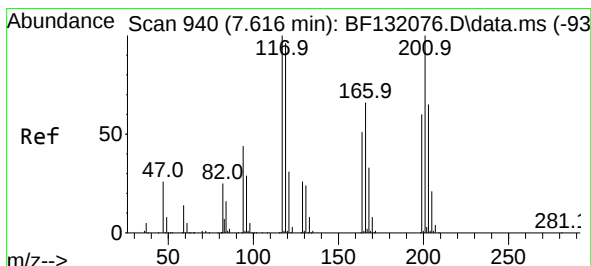
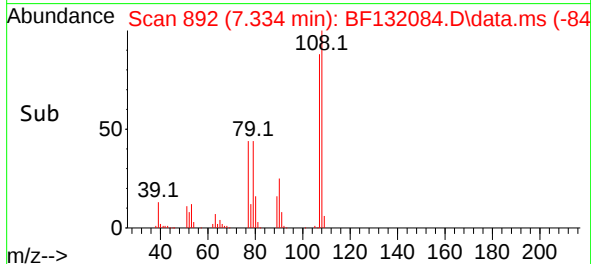
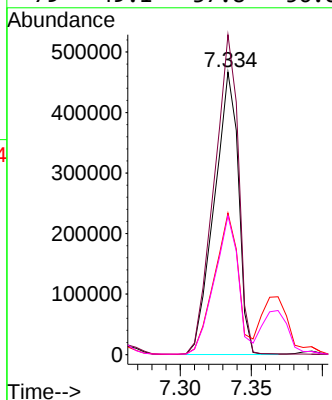


#17
2-Methylphenol
Concen: 44.825 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Instrument :
BNA_F
ClientSampleId :
PB150083BS

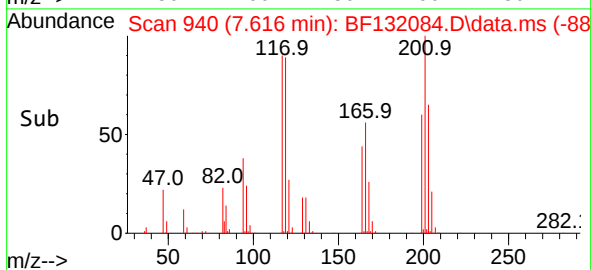
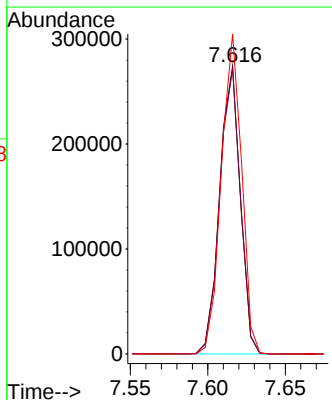
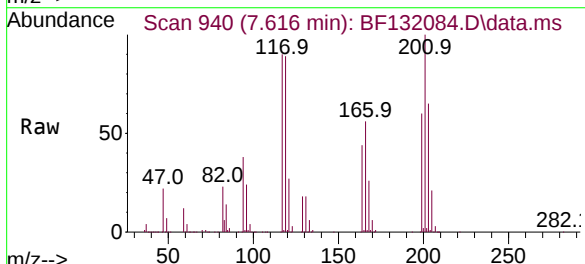


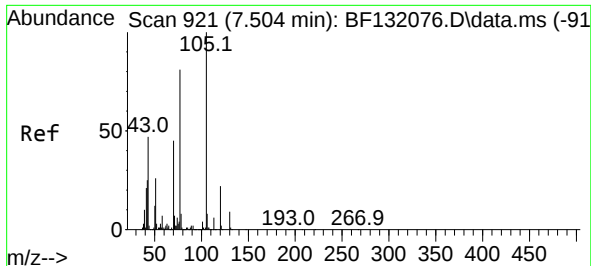
Tgt Ion:107 Resp: 553509
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 50.1 39.1 58.7
79 49.1 37.8 56.8



#18
Hexachloroethane
Concen: 51.587 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:117 Resp: 254023
Ion Ratio Lower Upper
117 100
119 99.2 76.9 115.3
201 111.3 80.2 120.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.939 ng

RT: 7.504 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

Tgt Ion: 70 Resp: 426955

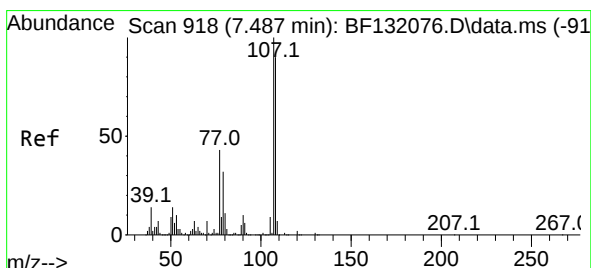
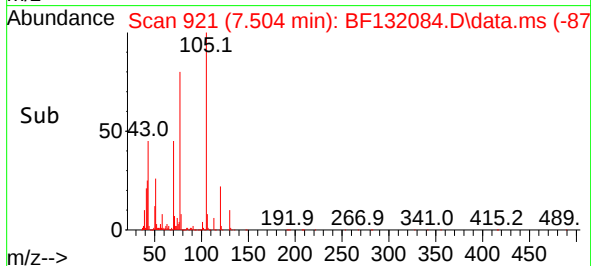
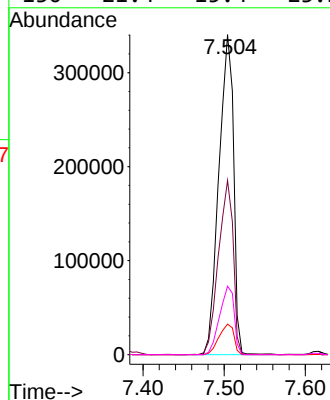
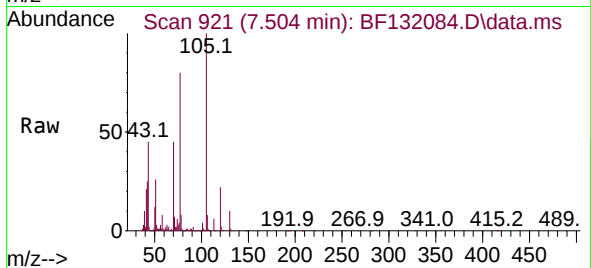
Ion Ratio Lower Upper

70 100

42 54.4 44.2 66.4

101 9.5 7.4 11.0

130 21.4 15.4 23.2



#20

3+4-Methylphenols

Concen: 43.372 ng

RT: 7.487 min Scan# 918

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Tgt Ion: 107 Resp: 662489

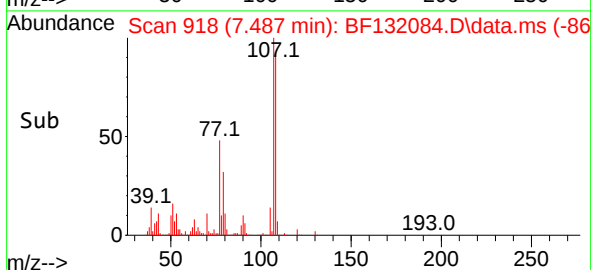
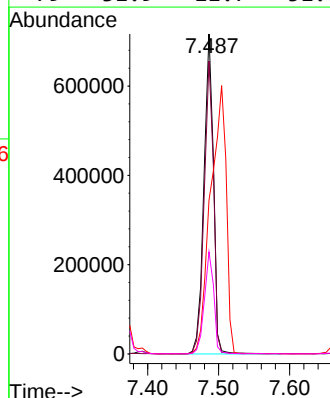
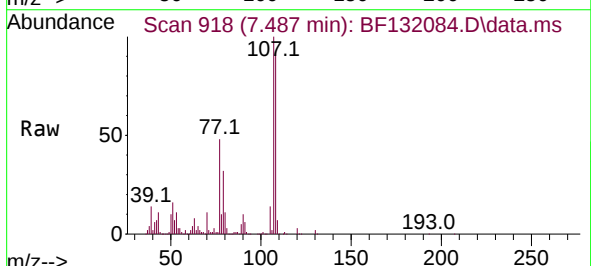
Ion Ratio Lower Upper

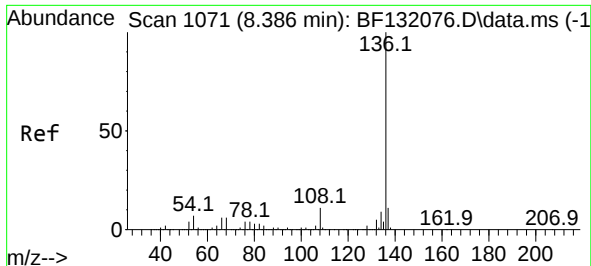
107 100

108 91.5 69.6 109.6

77 48.0 23.0 63.0

79 31.9 11.7 51.7



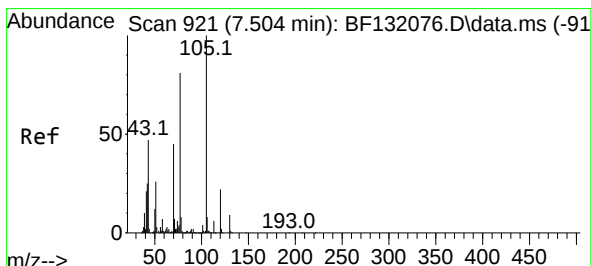
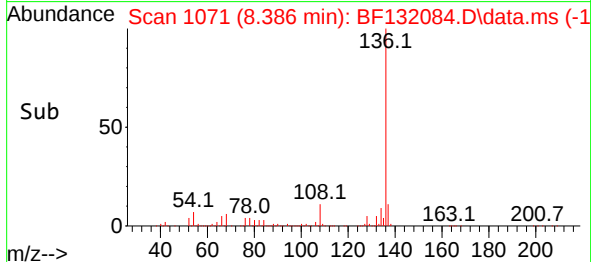
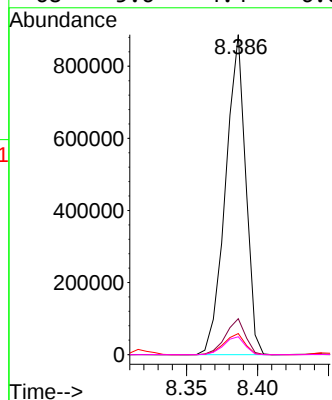
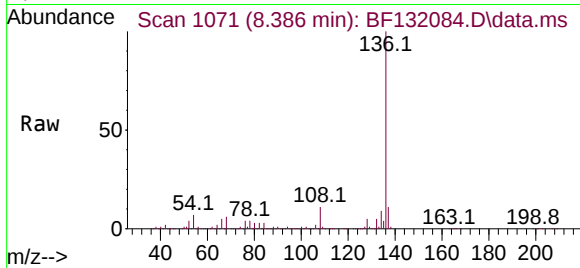


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.386 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:136 Resp: 871997

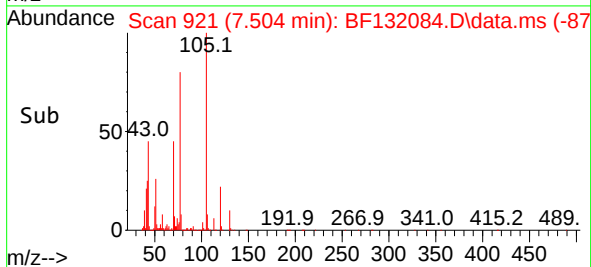
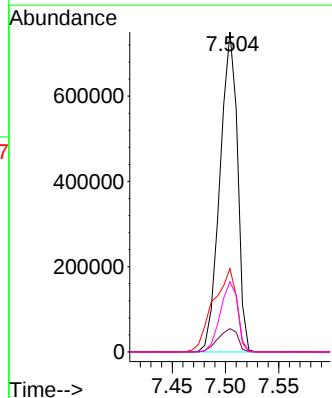
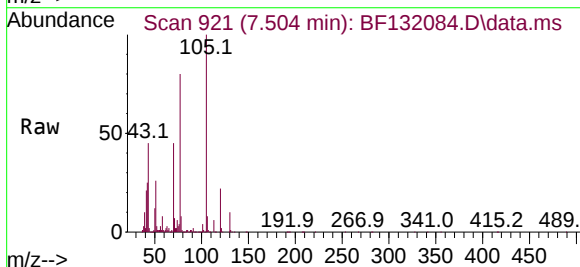
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.6	5.3	7.9
68	5.6	4.4	6.6

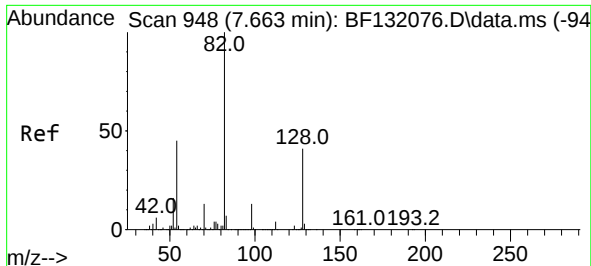


#22
Acetophenone
Concen: 42.462 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:105 Resp: 861687

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	26.0	21.1	31.7
120	21.9	17.6	26.4

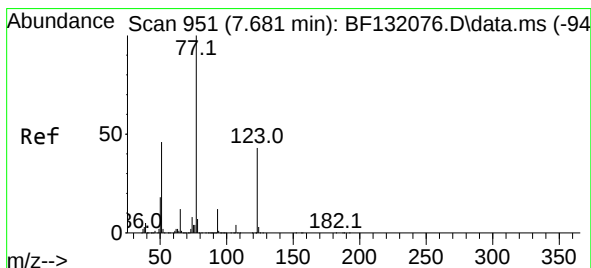
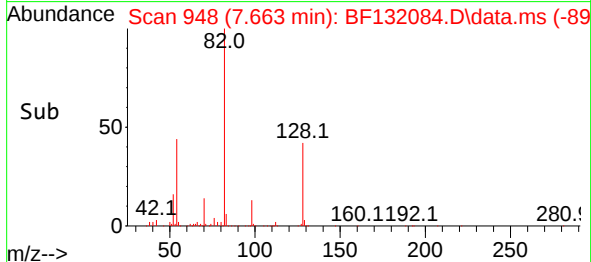
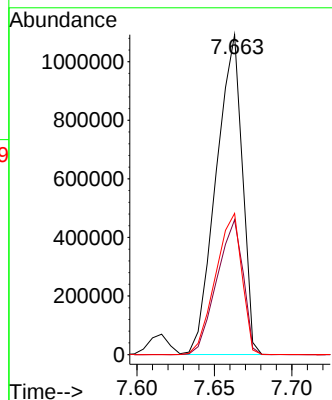
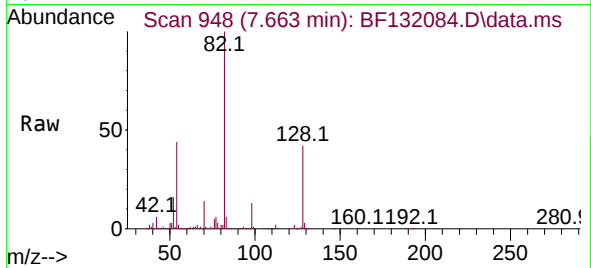




#23
Nitrobenzene-d5
Concen: 101.019 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

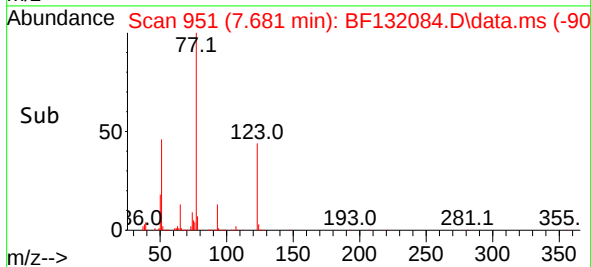
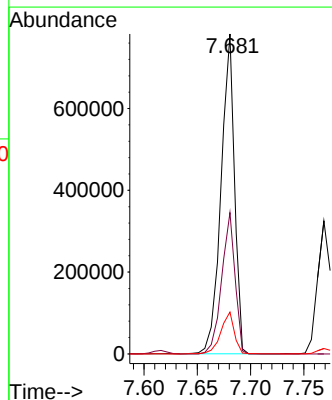
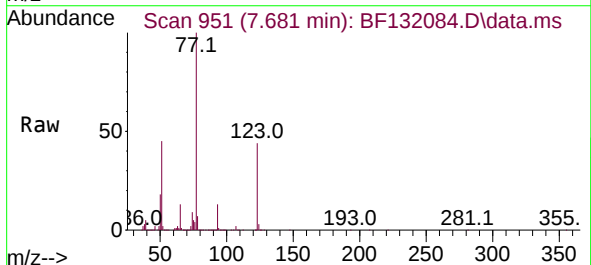
Instrument :
BNA_F
ClientSampleId :
PB150083BS

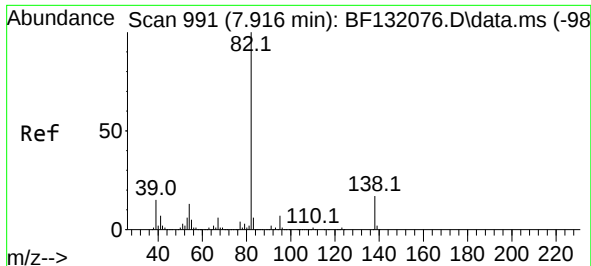
Tgt Ion: 82 Resp: 1286968
Ion Ratio Lower Upper
82 100
128 42.1 32.6 48.8
54 44.1 36.0 54.0



#24
Nitrobenzene
Concen: 50.002 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion: 77 Resp: 691371
Ion Ratio Lower Upper
77 100
123 44.2 34.2 51.4
65 13.1 10.0 15.0





#25

Isophorone

Concen: 43.442 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

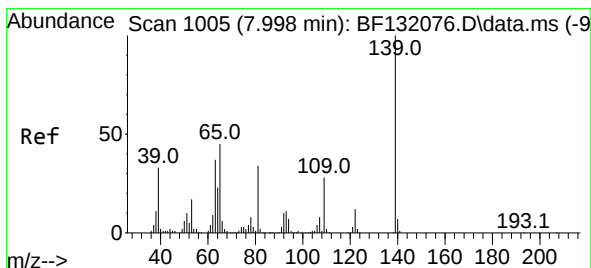
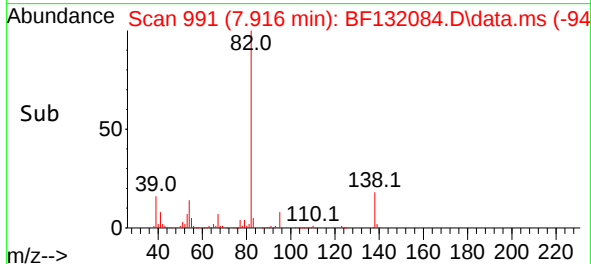
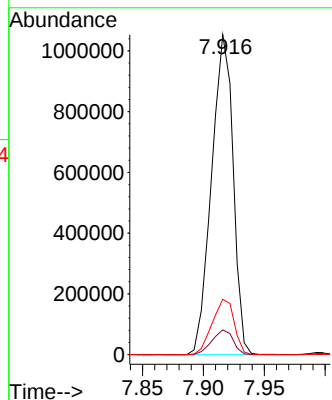
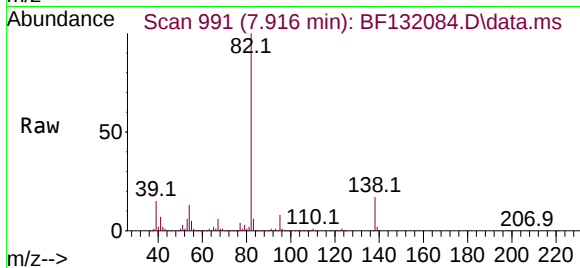
BNA_F

ClientSampleId :

PB150083BS

Tgt Ion: 82 Resp: 1299435

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	17.3	13.4	20.0



#26

2-Nitrophenol

Concen: 54.067 ng

RT: 7.998 min Scan# 1005

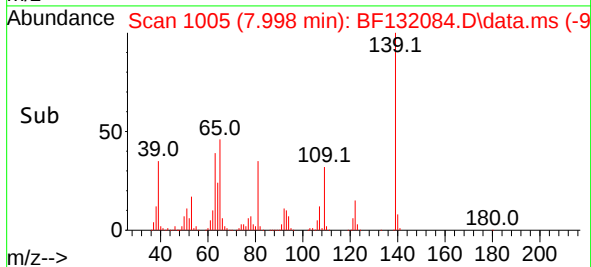
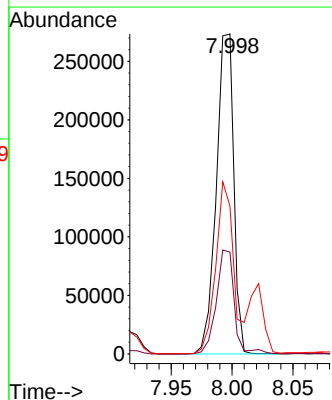
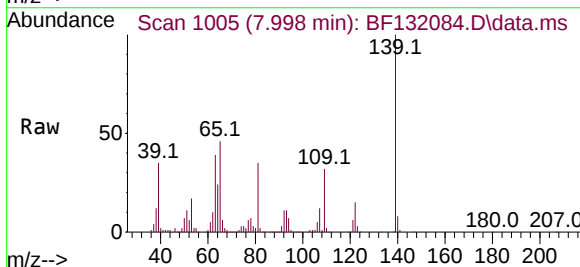
Delta R.T. 0.000 min

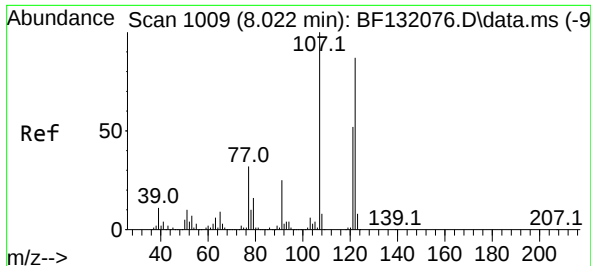
Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Tgt Ion: 139 Resp: 272313

Ion	Ratio	Lower	Upper
139	100		
109	31.8	22.2	33.2
65	46.2	36.1	54.1





#27

2,4-Dimethylphenol

Concen: 47.733 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF132084.D

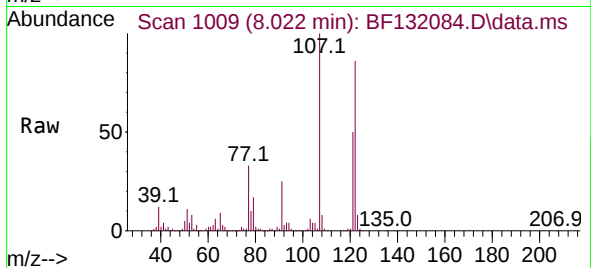
Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS



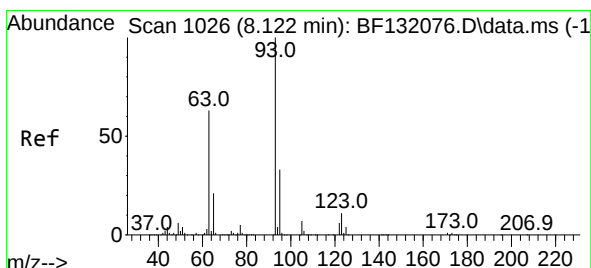
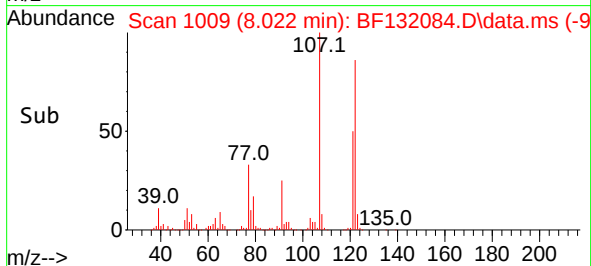
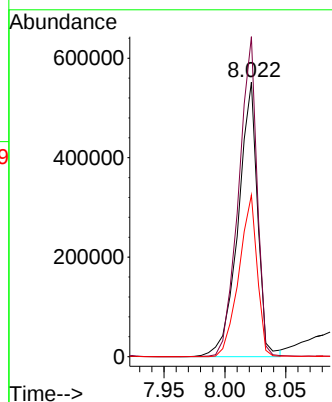
Tgt Ion:122 Resp: 609993

Ion Ratio Lower Upper

122 100

107 116.6 92.3 138.5

121 58.8 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.350 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

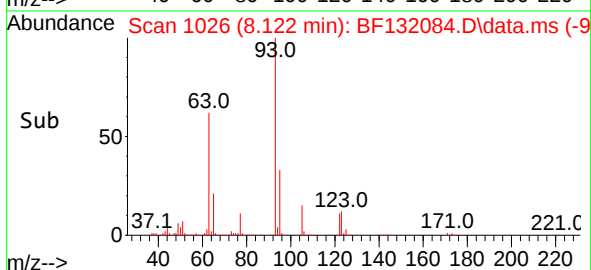
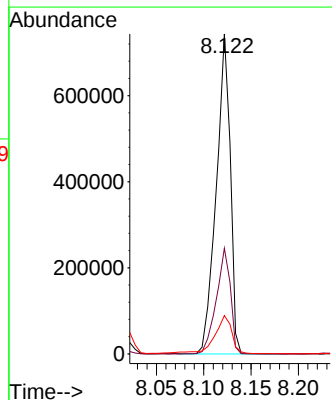
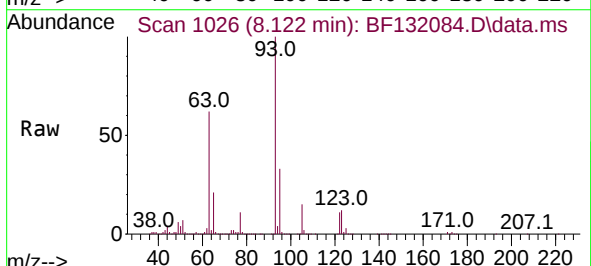
Tgt Ion: 93 Resp: 763639

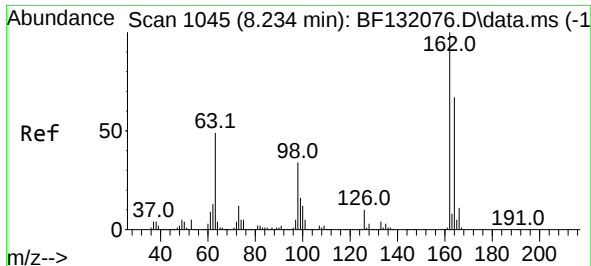
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 12.0 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 49.256 ng

RT: 8.234 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

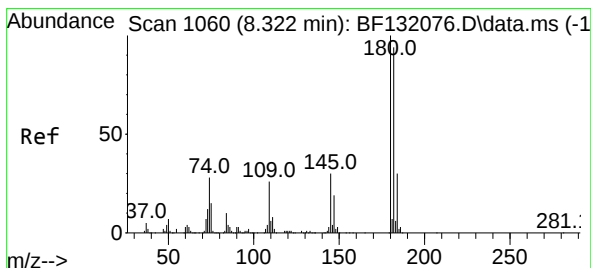
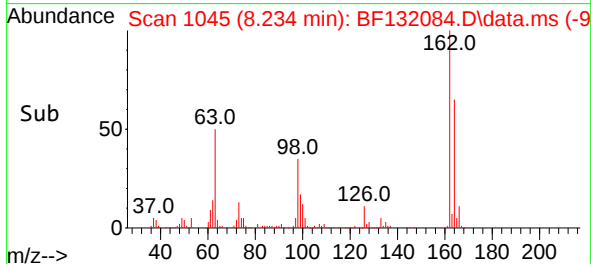
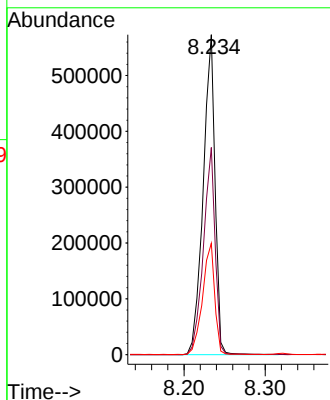
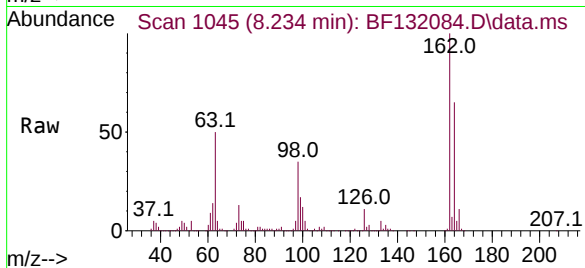
Tgt Ion:162 Resp: 585643

Ion Ratio Lower Upper

162 100

164 64.8 46.8 86.8

98 34.8 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 45.252 ng

RT: 8.322 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

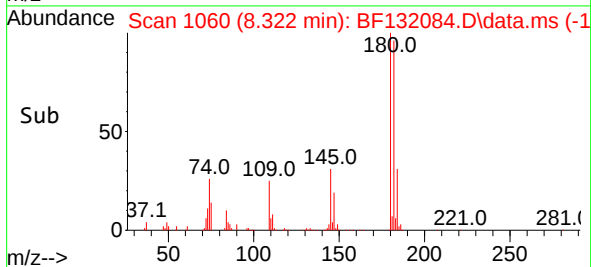
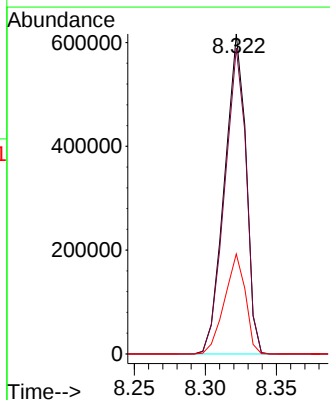
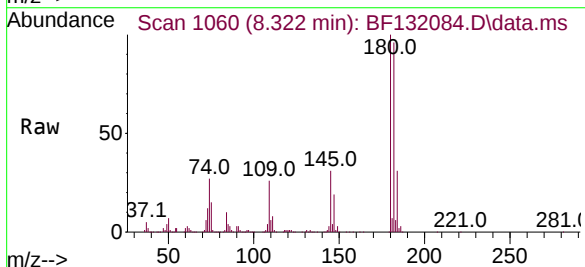
Tgt Ion:180 Resp: 646568

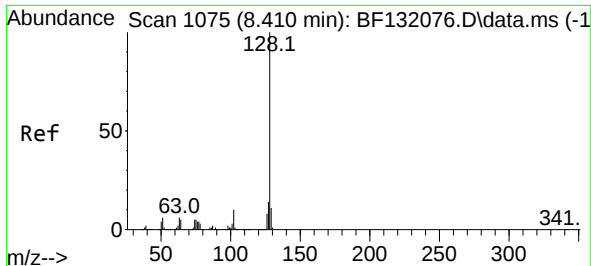
Ion Ratio Lower Upper

180 100

182 95.6 75.1 112.7

145 31.2 23.8 35.8

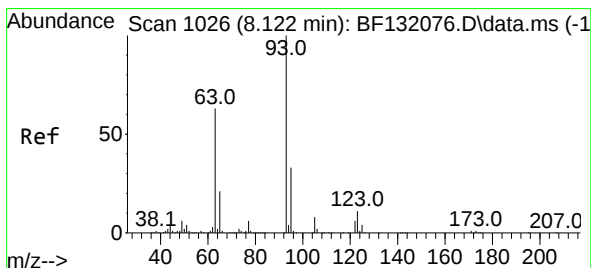
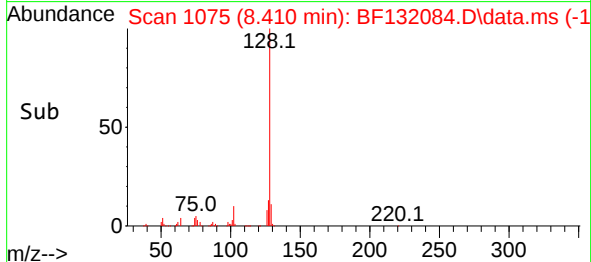
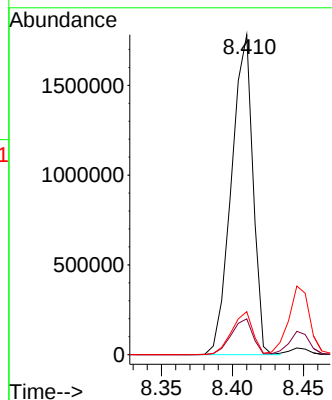
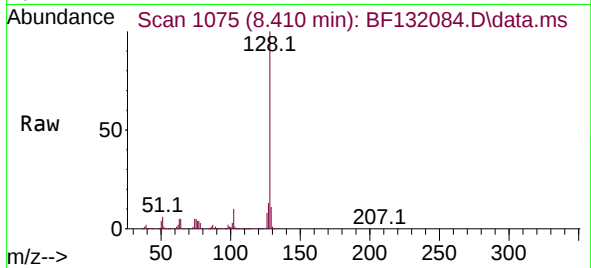




#31
Naphthalene
Concen: 42.700 ng
RT: 8.410 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

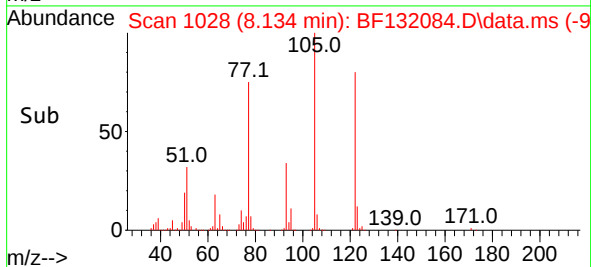
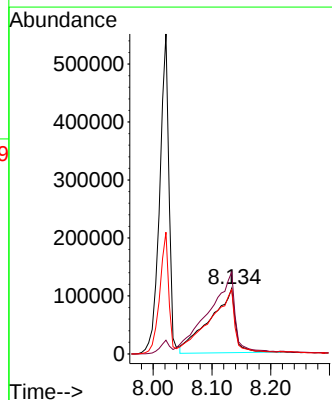
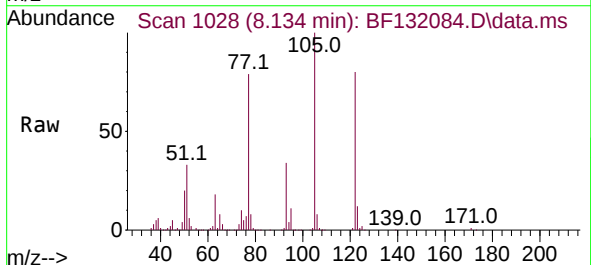
Instrument :
BNA_F
ClientSampleId :
PB150083BS

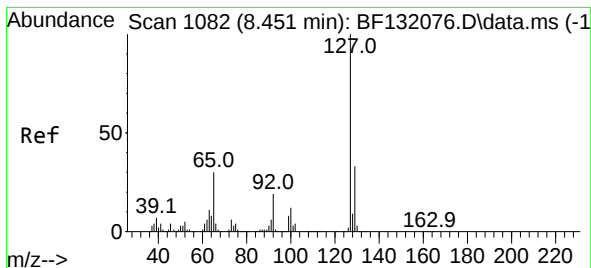
Tgt Ion:128 Resp: 1871534
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 54.230 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.012 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:122 Resp: 336589
Ion Ratio Lower Upper
122 100
105 124.8 105.1 145.1
77 98.3 74.0 114.0





#33

4-Chloroaniline

Concen: 21.635 ng

RT: 8.445 min Scan# 1082

Delta R.T. -0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

Tgt Ion:127 Resp: 400958

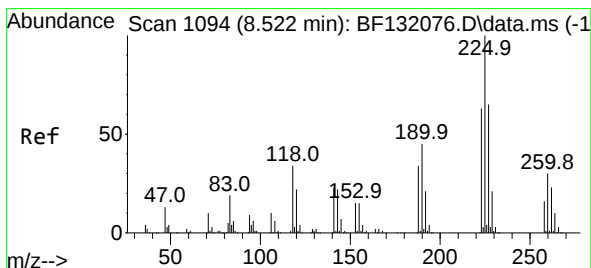
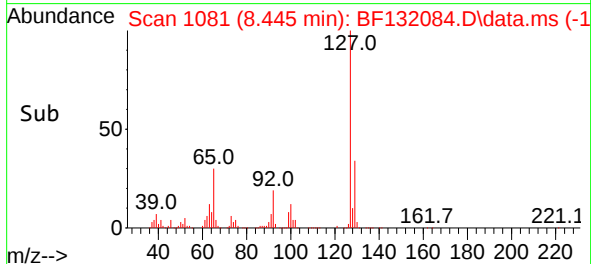
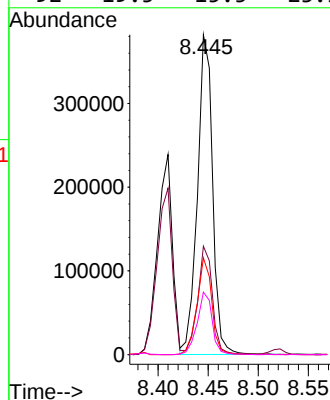
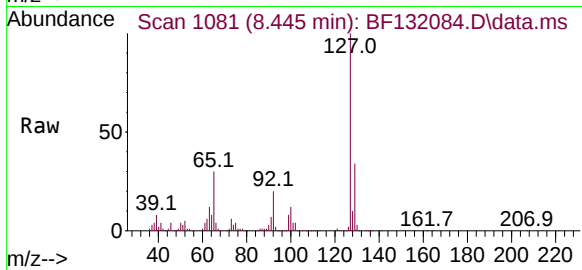
Ion Ratio Lower Upper

127 100

129 33.9 26.3 39.5

65 30.2 24.2 36.2

92 19.5 15.5 23.3



#34

Hexachlorobutadiene

Concen: 45.601 ng

RT: 8.522 min Scan# 1094

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

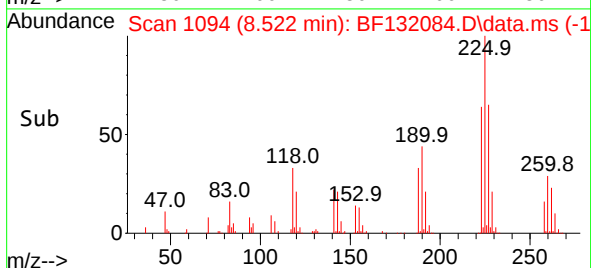
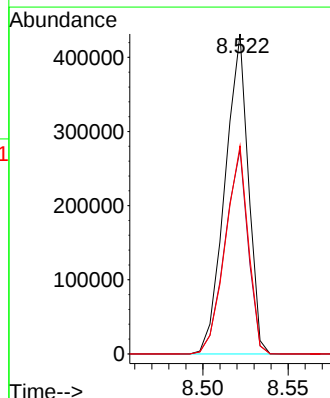
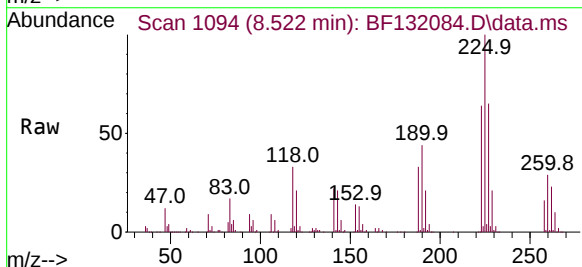
Tgt Ion:225 Resp: 409297

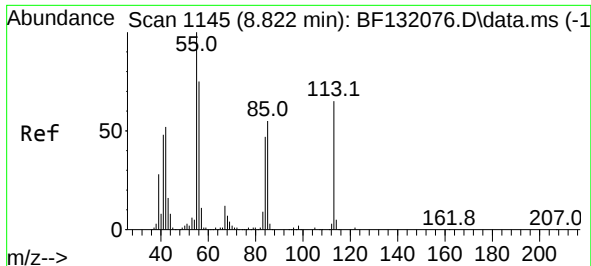
Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

227 65.0 52.1 78.1

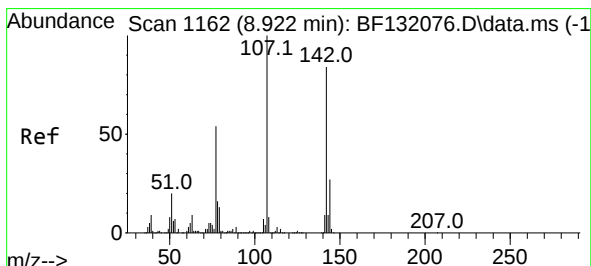
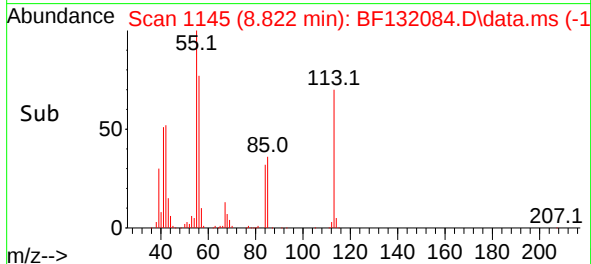
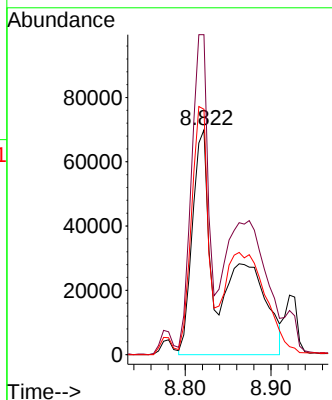
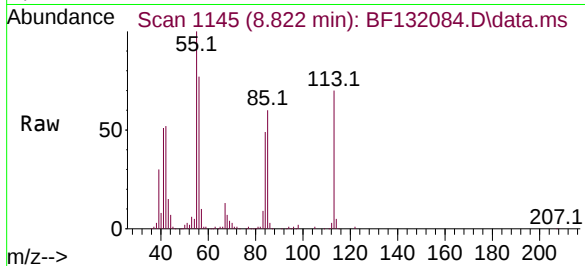




#35
 Caprolactam
 Concen: 49.179 ng m
 RT: 8.822 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

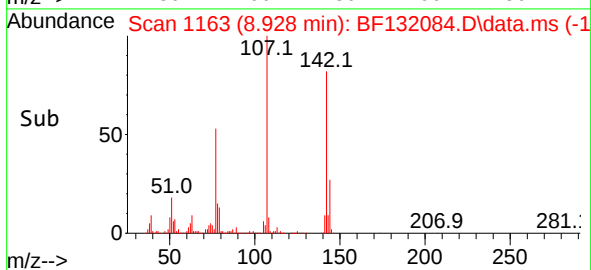
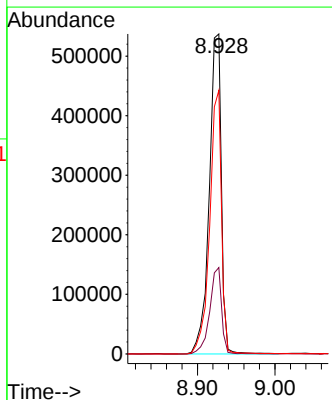
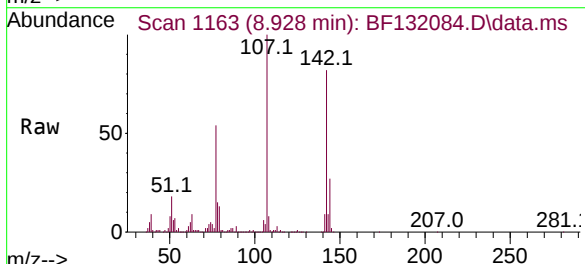
Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

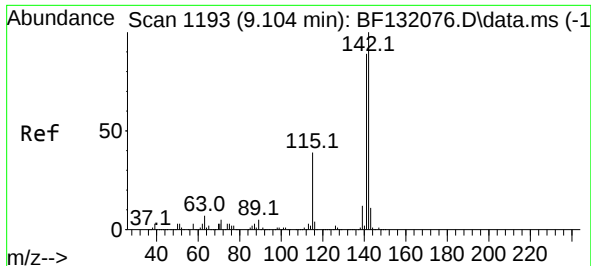
Tgt Ion:113 Resp: 185452
 Ion Ratio Lower Upper
 113 100
 55 142.4 133.1 173.1
 56 109.1 94.2 134.2



#36
 4-Chloro-3-methylphenol
 Concen: 47.071 ng
 RT: 8.928 min Scan# 1163
 Delta R.T. 0.006 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

Tgt Ion:107 Resp: 583060
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.7 32.5
 142 82.4 67.0 100.6





#37

2-Methylnaphthalene

Concen: 40.957 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

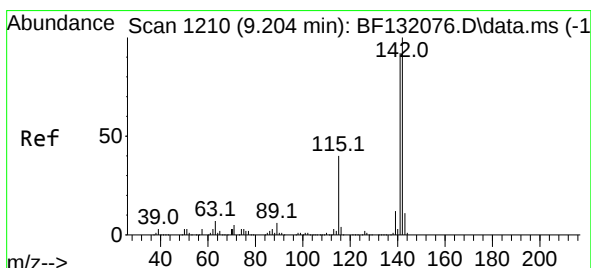
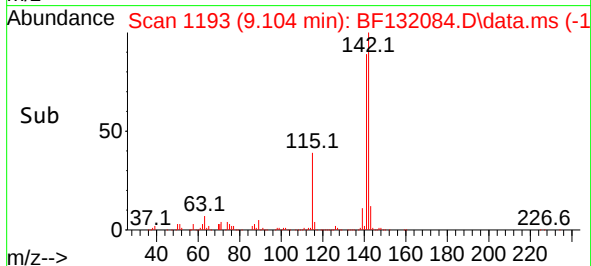
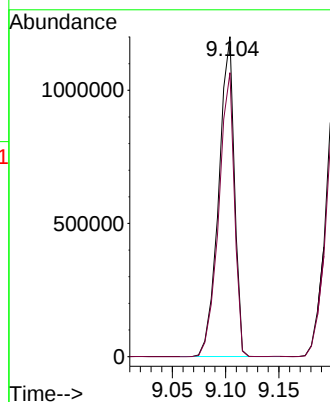
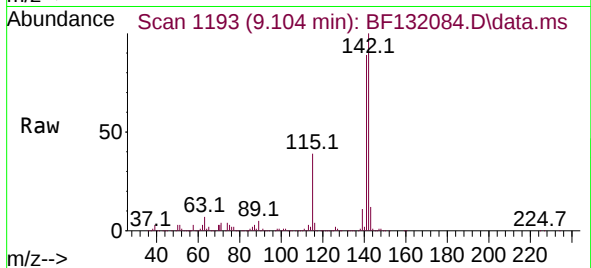
PB150083BS

Tgt Ion:142 Resp: 1232917

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.266 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF132084.D

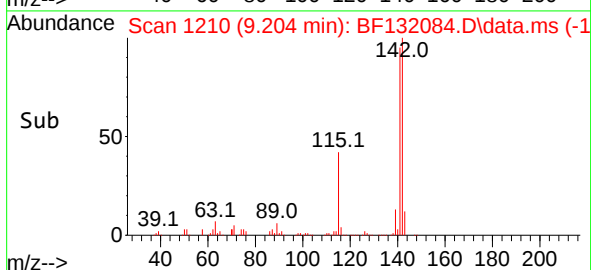
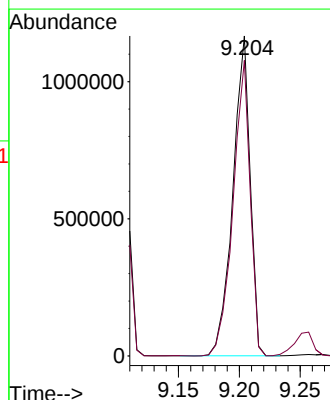
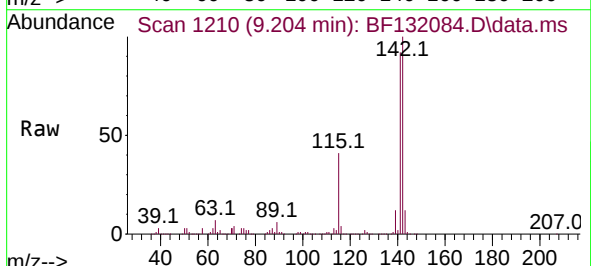
Acq: 16 Jan 2023 23:11

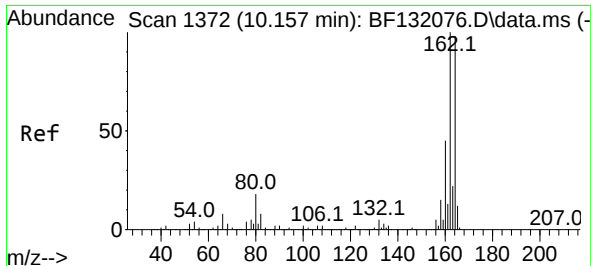
Tgt Ion:142 Resp: 1151219

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.157 min Scan# 1372

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

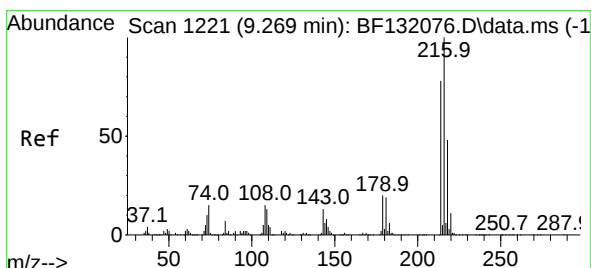
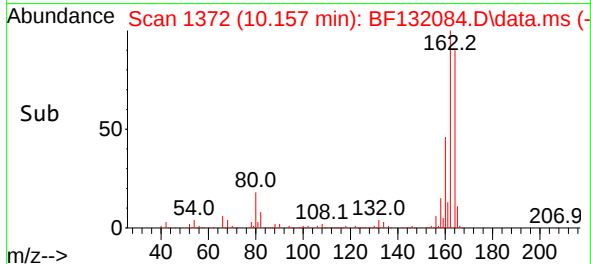
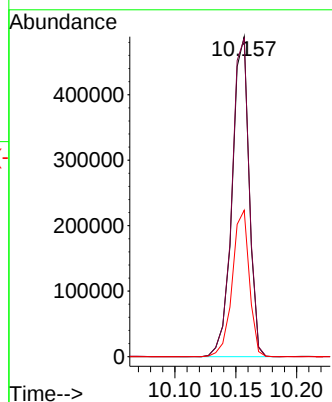
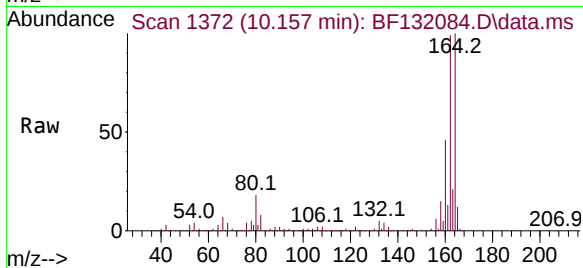
Tgt Ion:164 Resp: 474514

Ion Ratio Lower Upper

164 100

162 99.4 81.5 122.3

160 45.7 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.491 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Tgt Ion:216 Resp: 609206

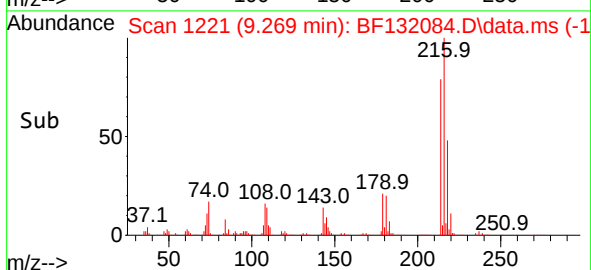
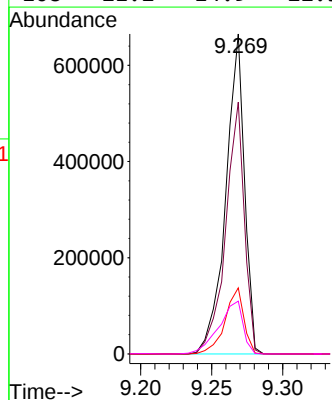
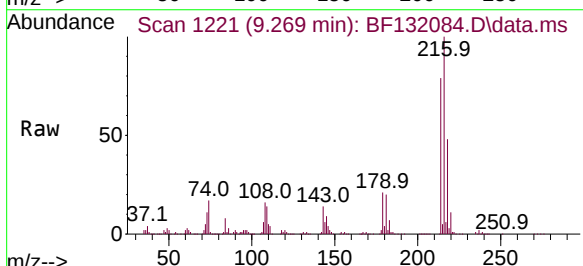
Ion Ratio Lower Upper

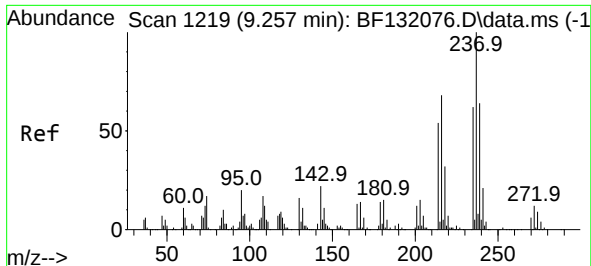
216 100

214 78.4 62.7 94.1

179 20.8 16.0 24.0

108 21.2 14.9 22.3

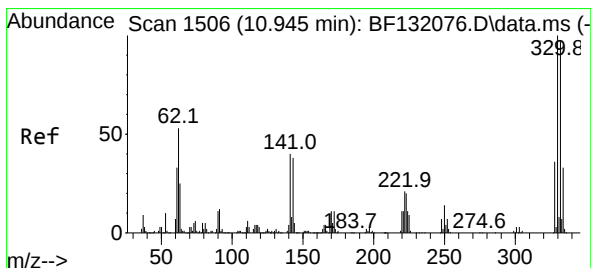
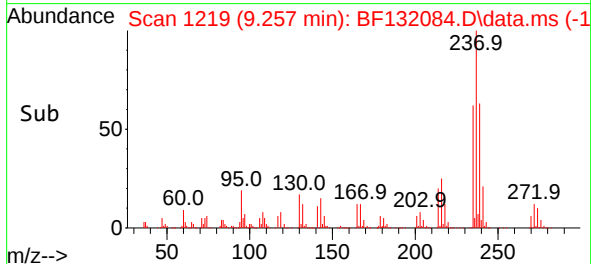
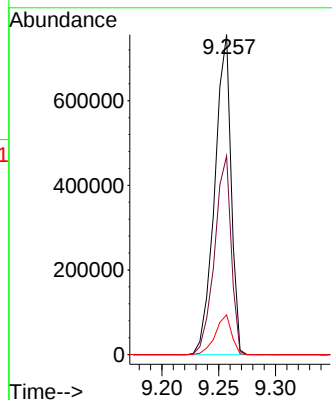
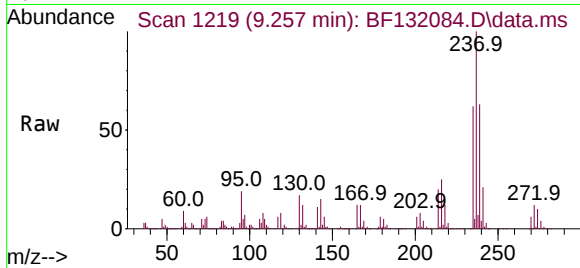




#41
Hexachlorocyclopentadiene
Concen: 97.266 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

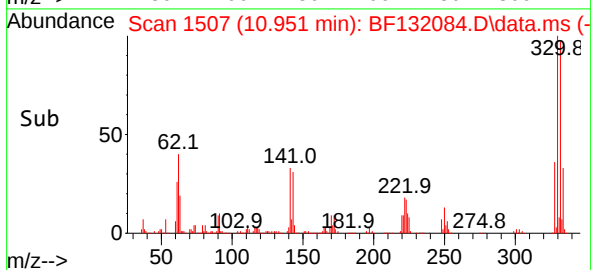
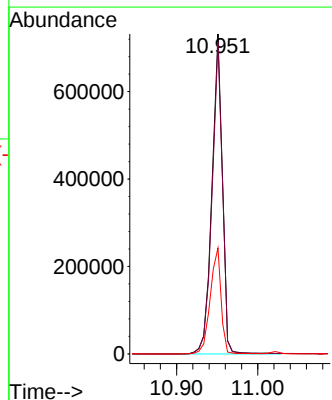
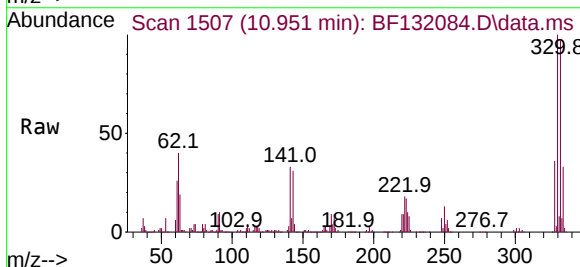
Instrument :
BNA_F
ClientSampleId :
PB150083BS

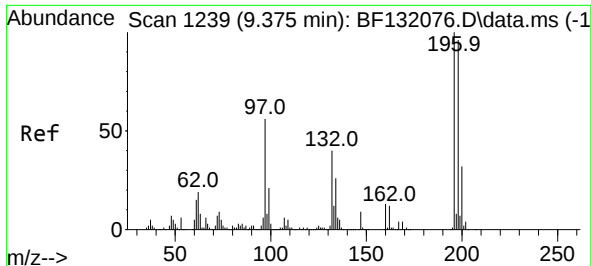
Tgt Ion:237 Resp: 759440
Ion Ratio Lower Upper
237 100
235 62.1 42.5 82.5
272 12.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 145.375 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:330 Resp: 658996
Ion Ratio Lower Upper
330 100
332 96.8 77.9 116.9
141 34.3 29.2 43.8





#43

2,4,6-Trichlorophenol

Concen: 51.301 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

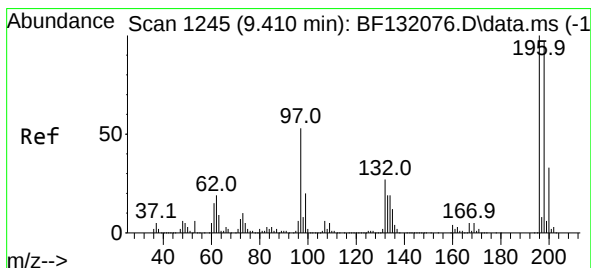
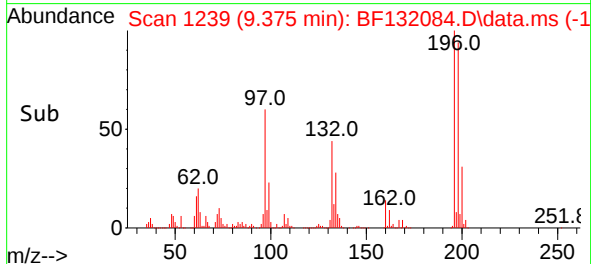
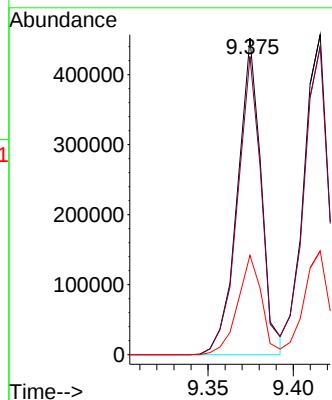
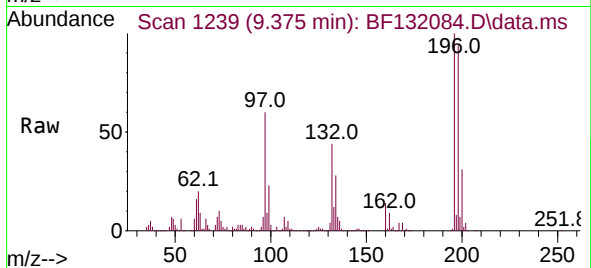
Tgt Ion:196 Resp: 434769

Ion Ratio Lower Upper

196 100

198 94.2 76.8 115.2

200 31.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 46.147 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Tgt Ion:196 Resp: 457402

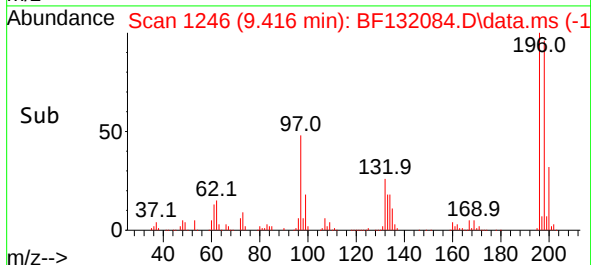
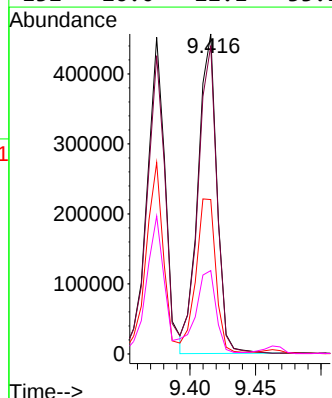
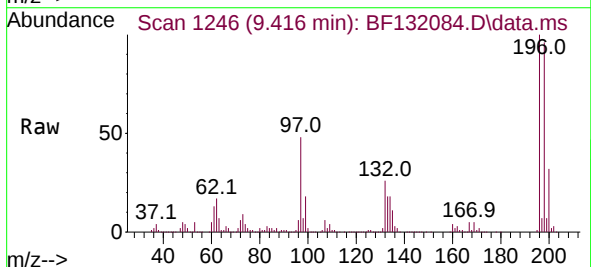
Ion Ratio Lower Upper

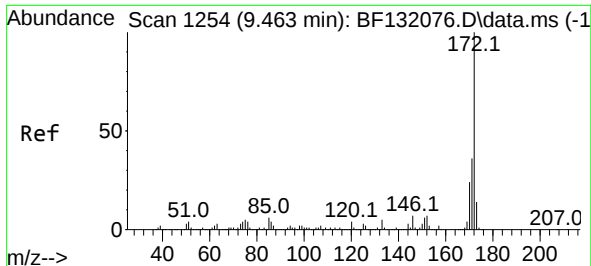
196 100

198 96.3 77.6 116.4

97 48.2 43.0 64.6

132 26.0 22.1 33.1

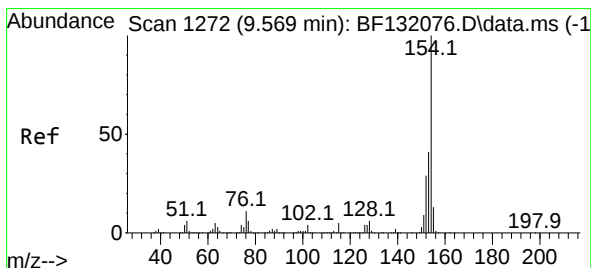
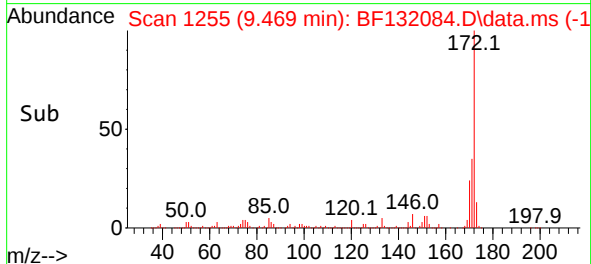
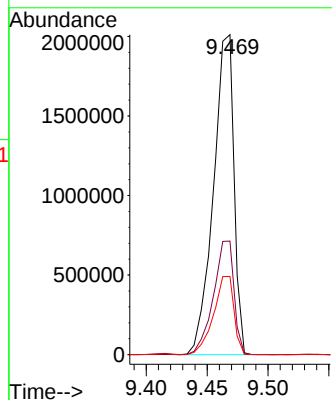
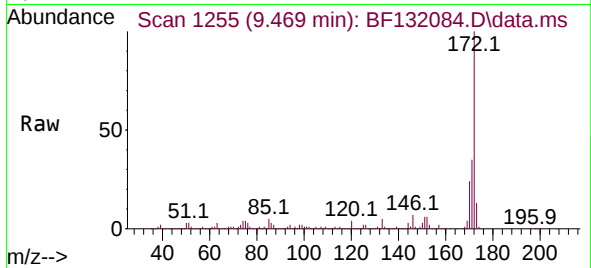




#45
2-Fluorobiphenyl
Concen: 77.362 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

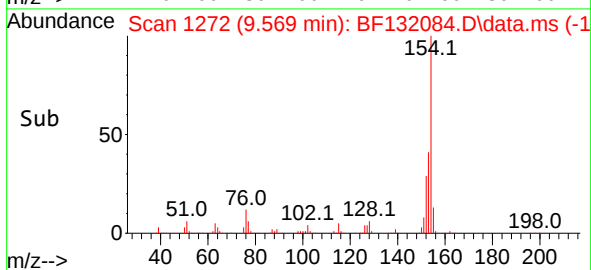
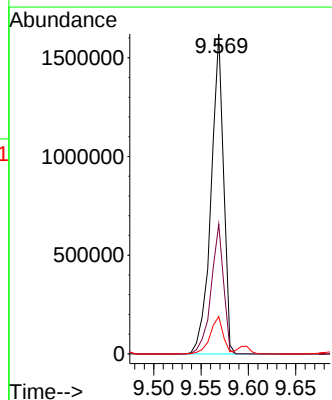
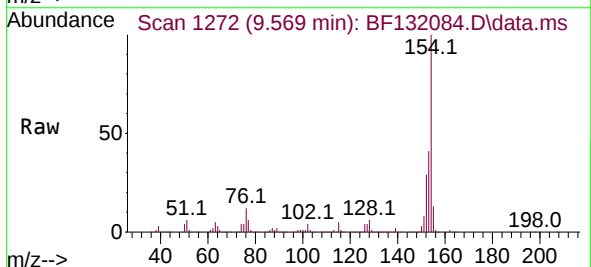
Instrument :
BNA_F
ClientSampleId :
PB150083BS

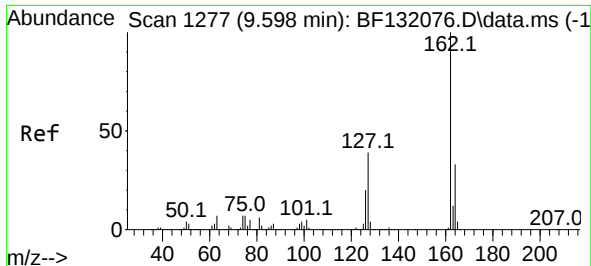
Tgt Ion:172 Resp: 2361766
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.4 19.5 29.3



#46
1,1'-Biphenyl
Concen: 41.443 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:154 Resp: 1494255
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 11.7 0.0 31.2

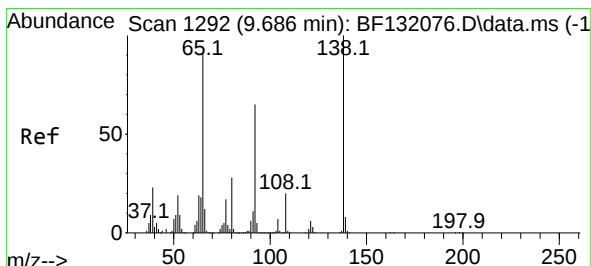
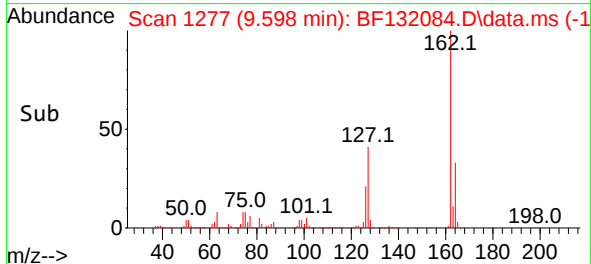
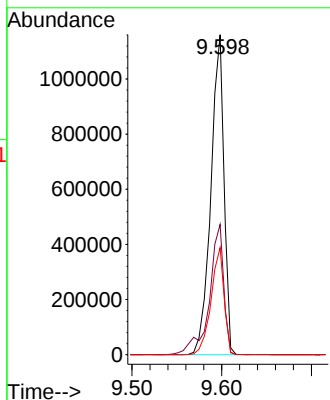
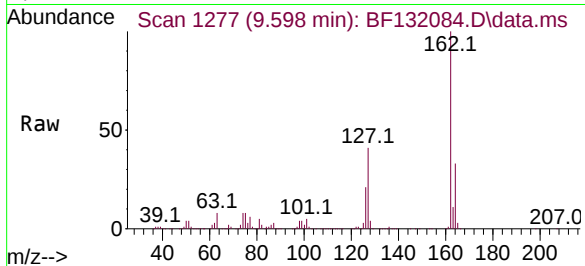




#47
2-Chloronaphthalene
Concen: 42.446 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

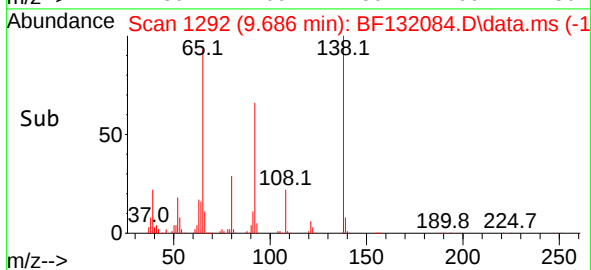
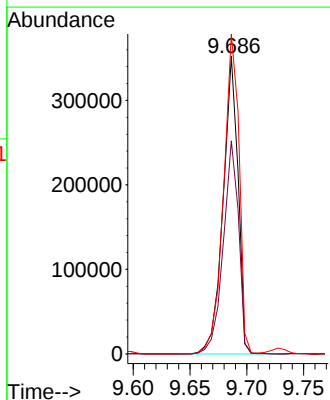
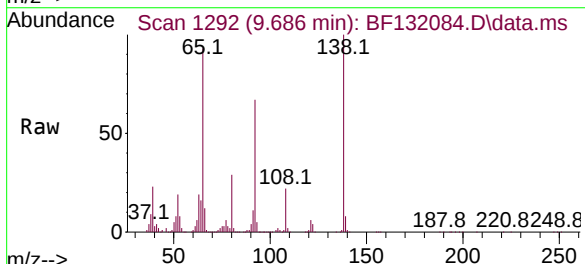
Instrument :
BNA_F
ClientSampleId :
PB150083BS

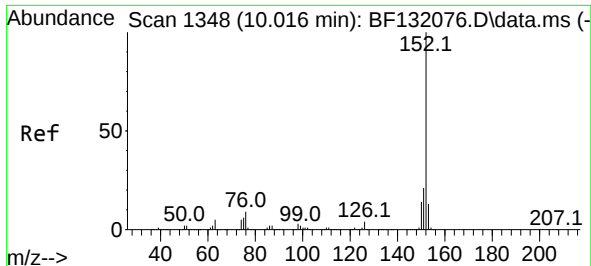
Tgt Ion:162 Resp: 1178769
Ion Ratio Lower Upper
162 100
127 40.7 31.8 47.6
164 33.4 26.8 40.2



#48
2-Nitroaniline
Concen: 48.758 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion: 65 Resp: 320928
Ion Ratio Lower Upper
65 100
92 71.6 57.8 86.6
138 107.5 88.2 132.4

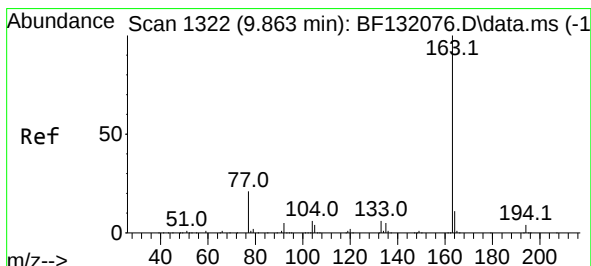
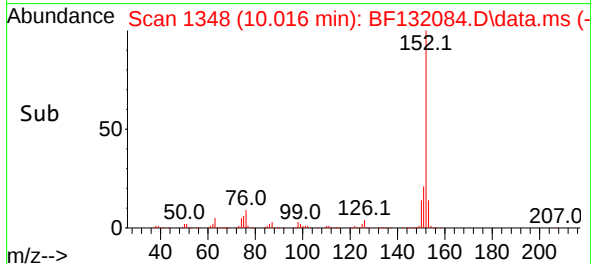
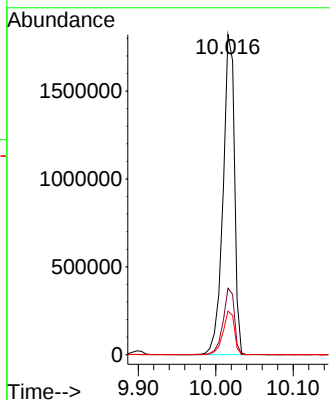
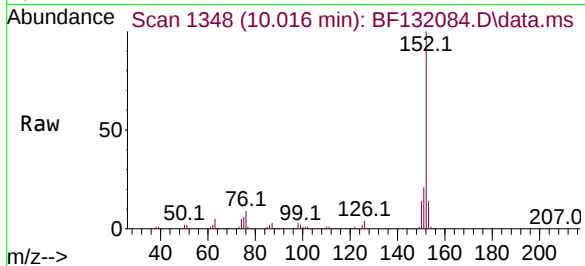




#49
Acenaphthylene
Concen: 41.068 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

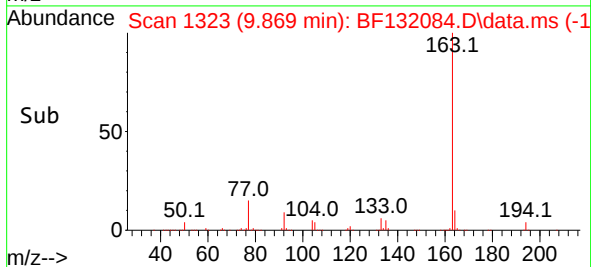
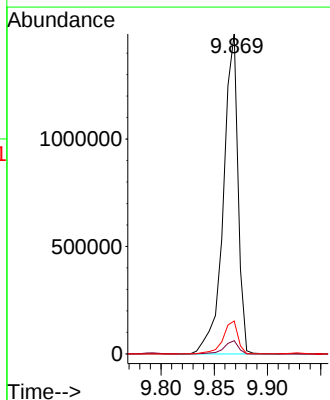
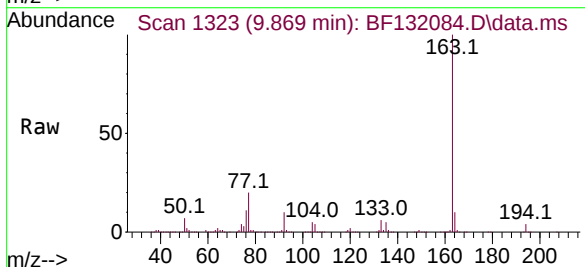
Instrument :
BNA_F
ClientSampleId :
PB150083BS

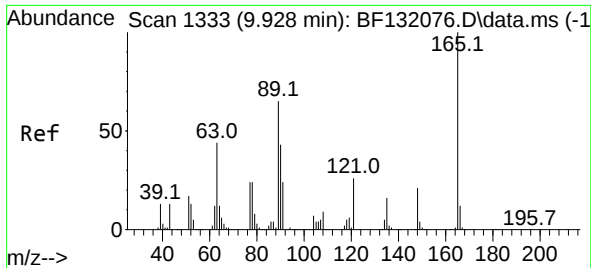
Tgt Ion:152 Resp: 1865724
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 46.615 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:163 Resp: 1425334
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.3 8.6 12.8

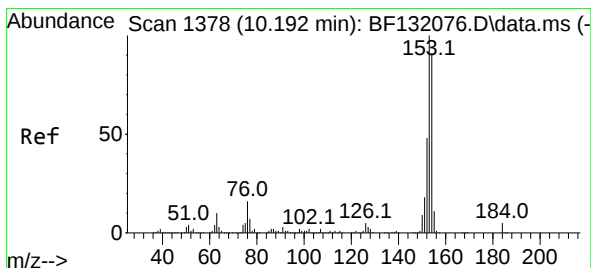
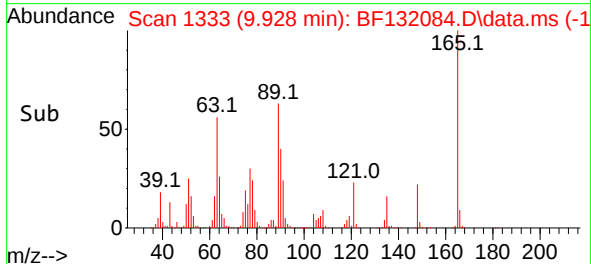
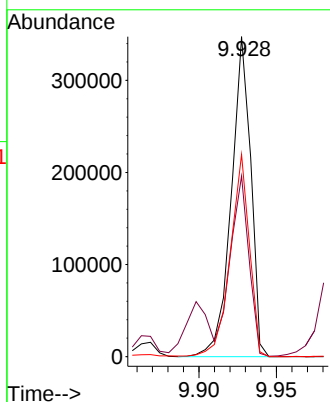
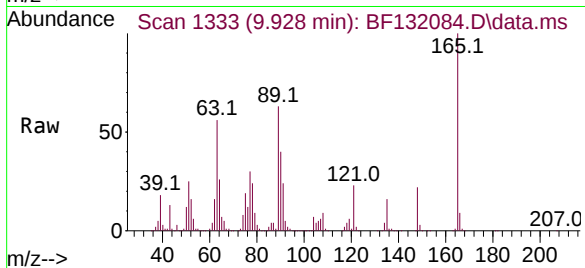




#51
2,6-Dinitrotoluene
Concen: 48.496 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

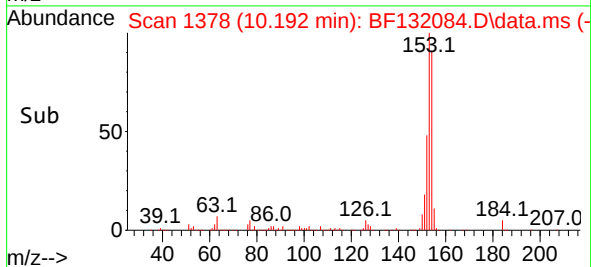
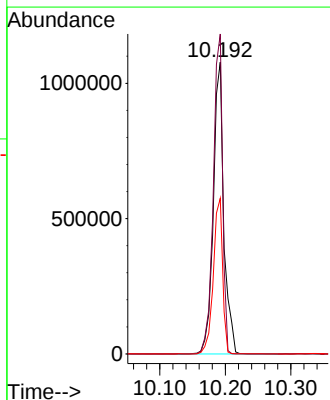
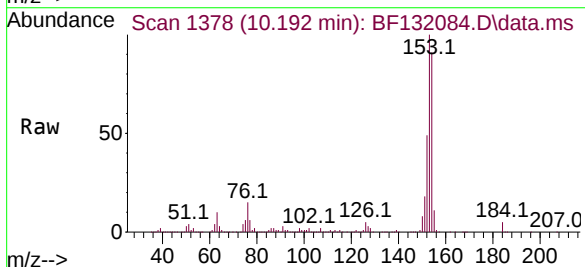
Instrument :
BNA_F
ClientSampleId :
PB150083BS

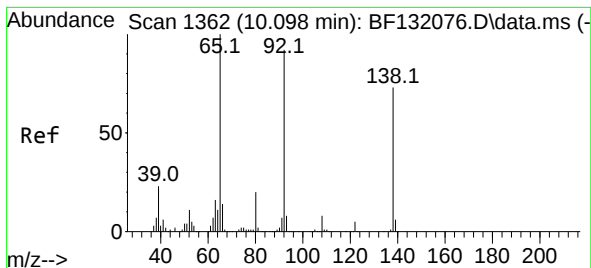
Tgt Ion:165 Resp: 305090
Ion Ratio Lower Upper
165 100
63 56.4 45.7 68.5
89 63.2 52.5 78.7



#52
Acenaphthene
Concen: 45.039 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:154 Resp: 1203571
Ion Ratio Lower Upper
154 100
153 109.7 88.2 132.4
152 53.3 42.7 64.1

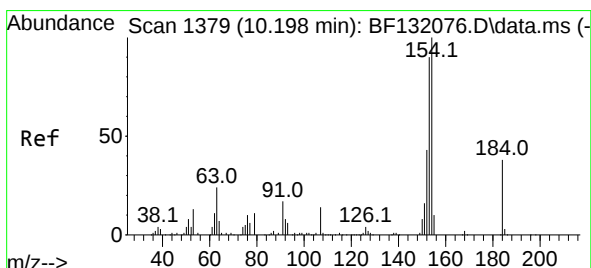
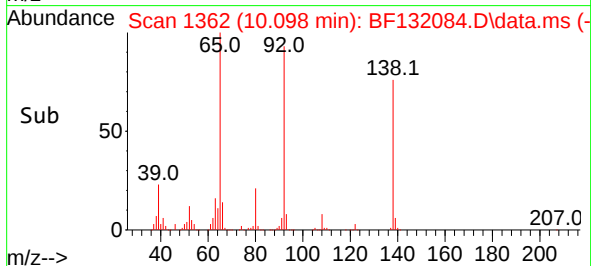
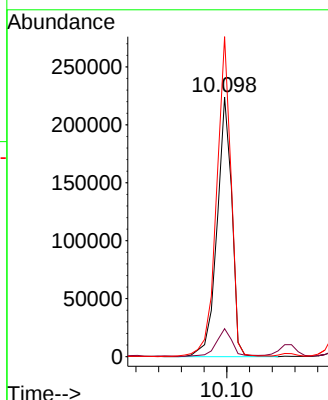
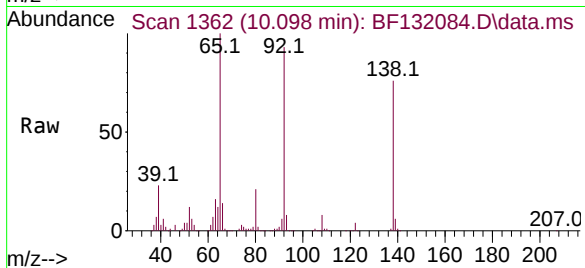




#53
3-Nitroaniline
Concen: 30.415 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

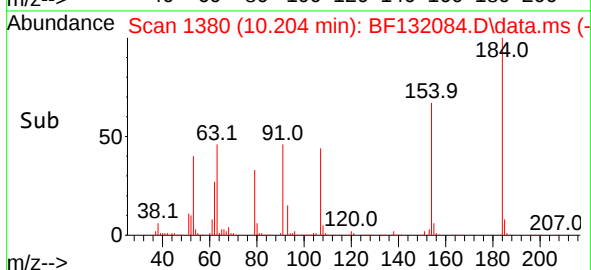
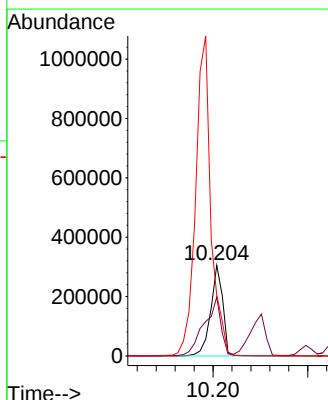
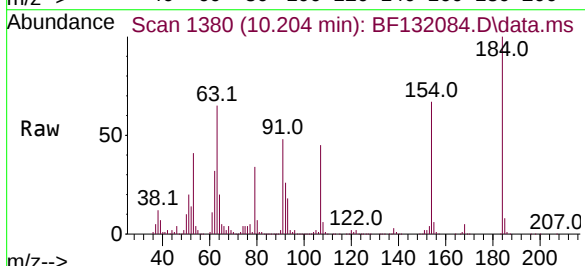
Instrument :
BNA_F
ClientSampleId :
PB150083BS

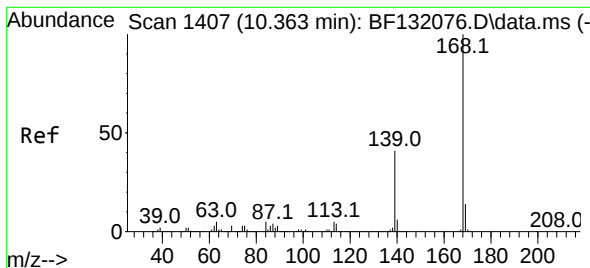
Tgt Ion:138 Resp: 200371
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 123.3 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 89.686 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:184 Resp: 271188
Ion Ratio Lower Upper
184 100
63 65.1 51.3 76.9
154 67.0 215.0 322.6#

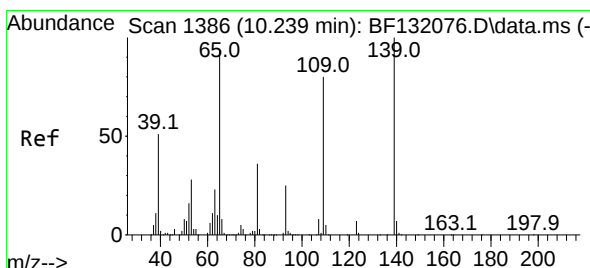
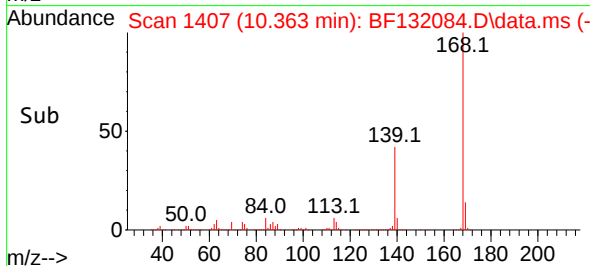
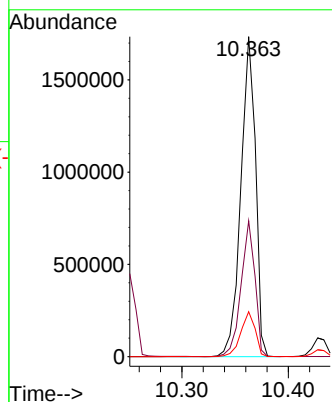
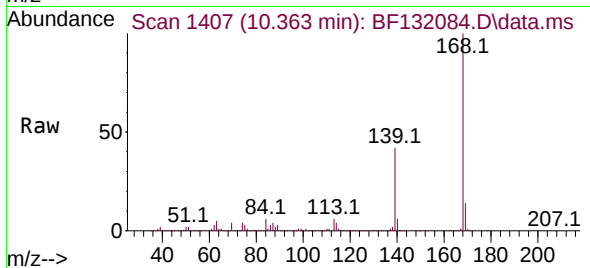




#55
Dibenzofuran
Concen: 40.980 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

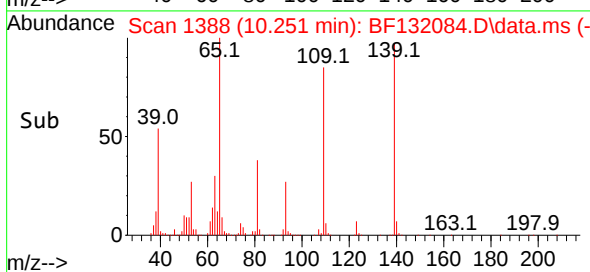
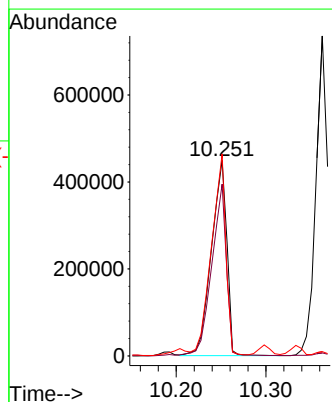
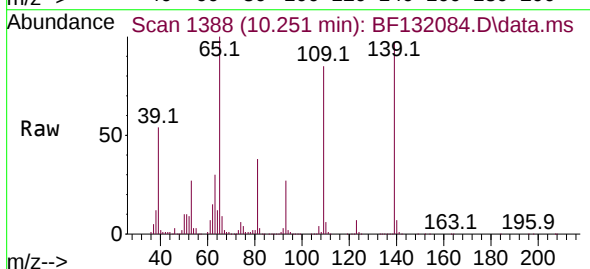
Instrument :
BNA_F
ClientSampleId :
PB150083BS

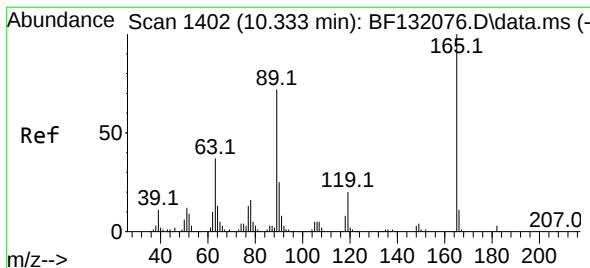
Tgt Ion:168 Resp: 1654425
Ion Ratio Lower Upper
168 100
139 42.4 32.5 48.7
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 89.356 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:139 Resp: 539108
Ion Ratio Lower Upper
139 100
109 87.9 59.9 99.9
65 103.3 74.9 114.9

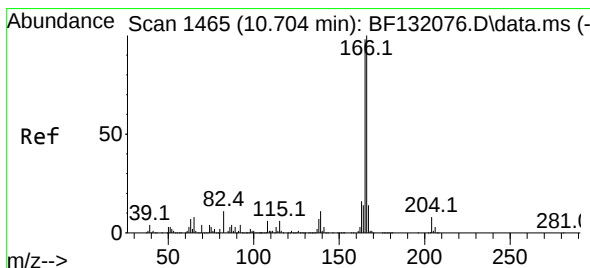
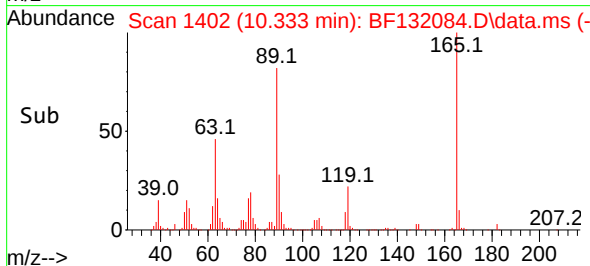
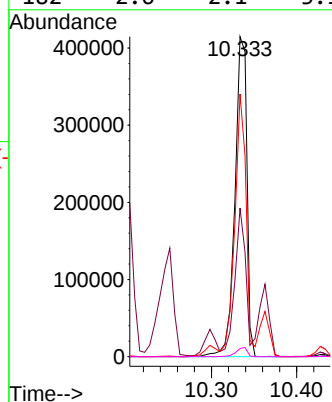
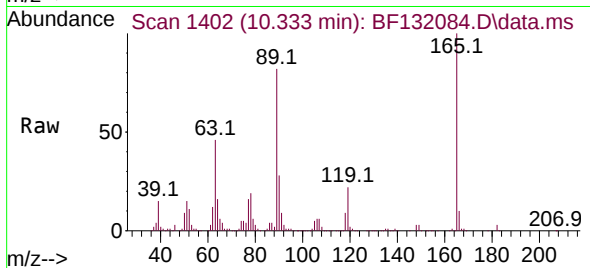




#57
2,4-Dinitrotoluene
Concen: 50.871 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

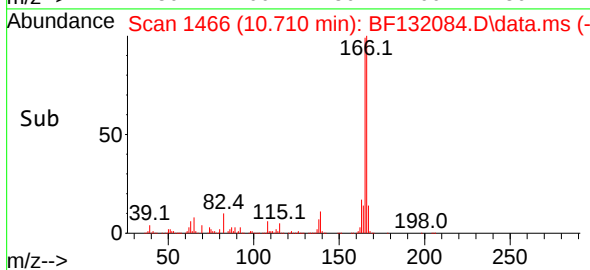
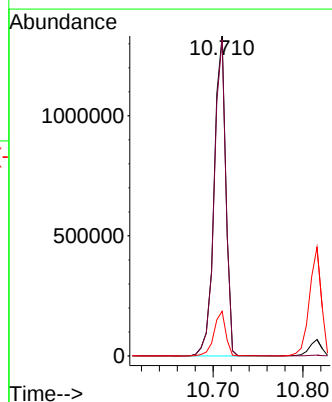
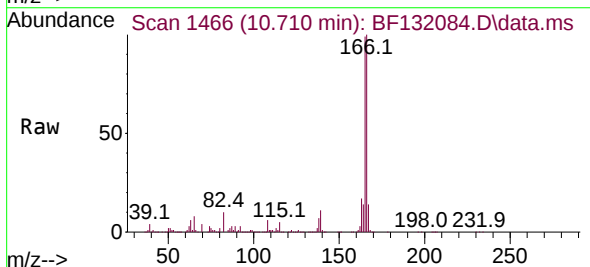
Instrument :
BNA_F
ClientSampleId :
PB150083BS

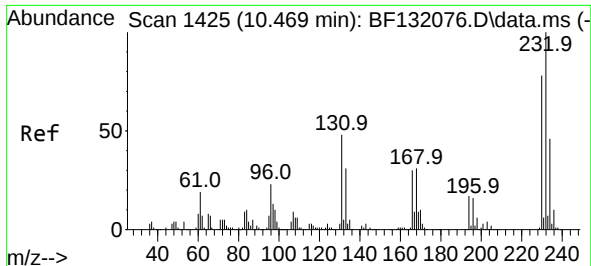
Tgt Ion:165 Resp: 405088
Ion Ratio Lower Upper
165 100
63 46.4 29.5 44.3#
89 82.0 57.8 86.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.149 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:166 Resp: 1215236
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.9 10.9 16.3

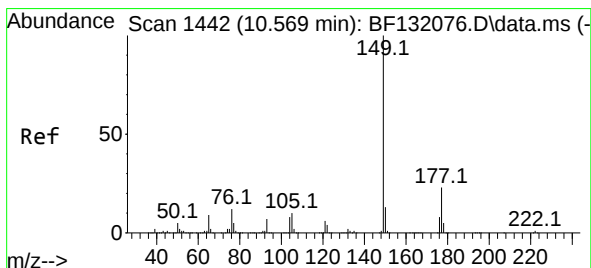
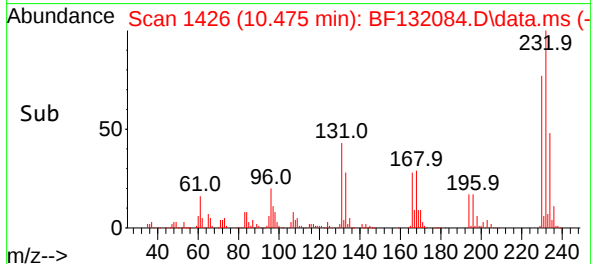
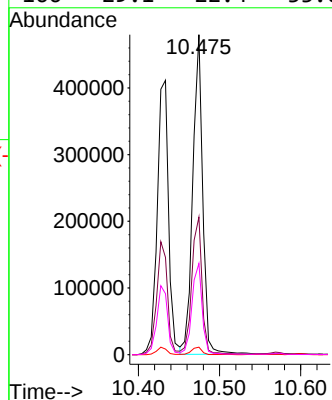
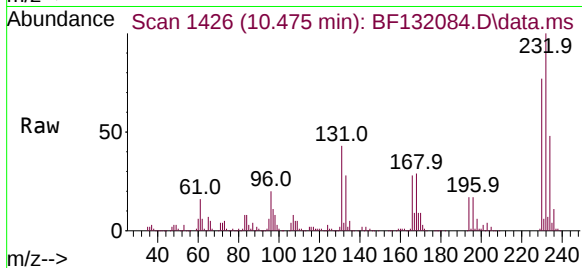




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.281 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

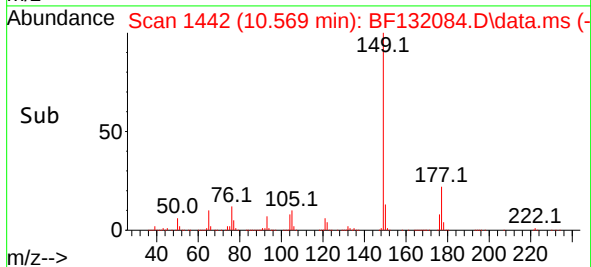
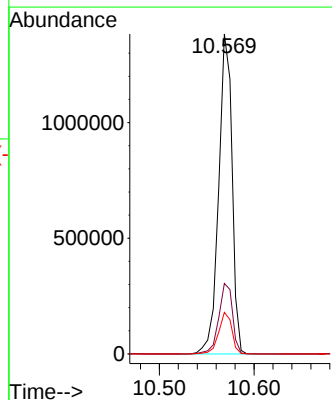
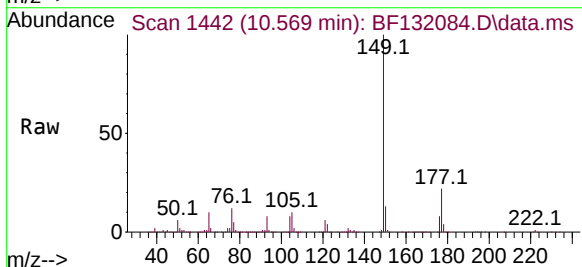
Instrument :
BNA_F
ClientSampleId :
PB150083BS

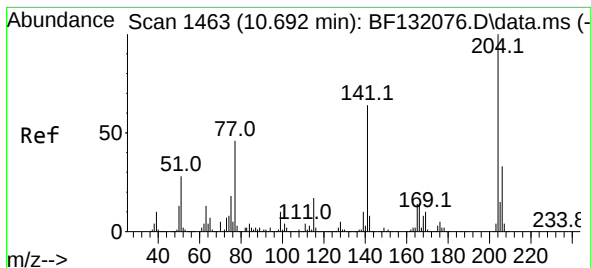
Tgt Ion:232 Resp: 406747
Ion Ratio Lower Upper
232 100
131 44.0 34.7 52.1
130 2.5 1.8 2.8
166 29.1 22.4 33.6



#60
Diethylphthalate
Concen: 49.858 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:149 Resp: 1355466
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.4
150 13.0 10.0 15.0

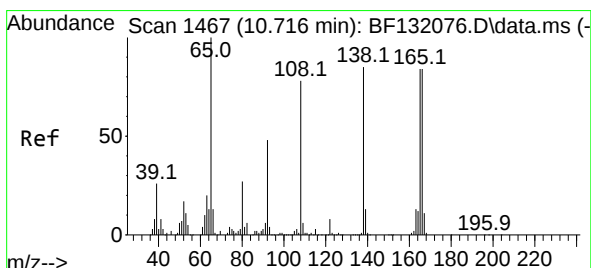
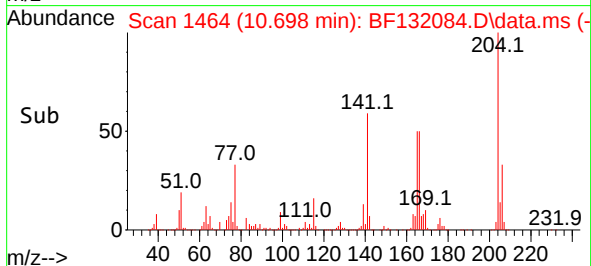
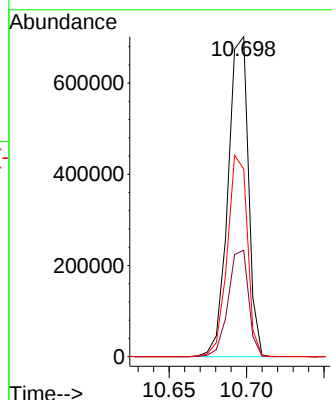
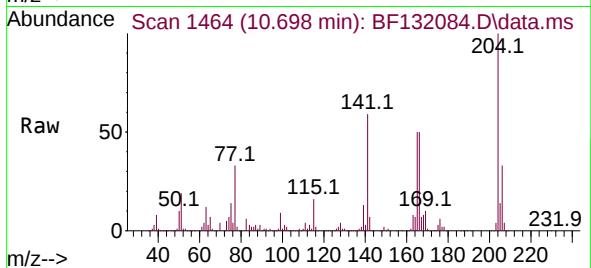




#61
4-Chlorophenyl-phenylether
Concen: 41.345 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

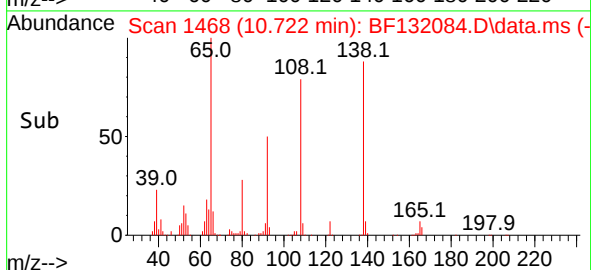
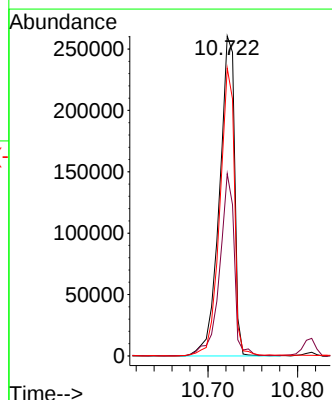
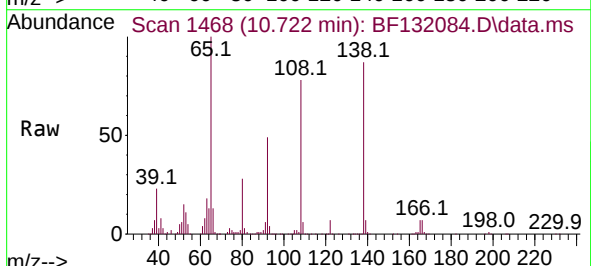
Instrument :
BNA_F
ClientSampleId :
PB150083BS

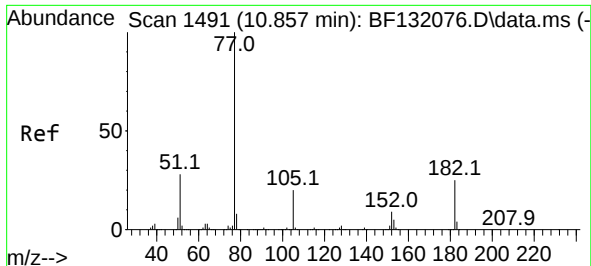
Tgt Ion:204 Resp: 644523
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 58.6 51.5 77.3



#62
4-Nitroaniline
Concen: 45.549 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:138 Resp: 308744
Ion Ratio Lower Upper
138 100
92 56.9 36.9 76.9
108 89.9 71.8 111.8

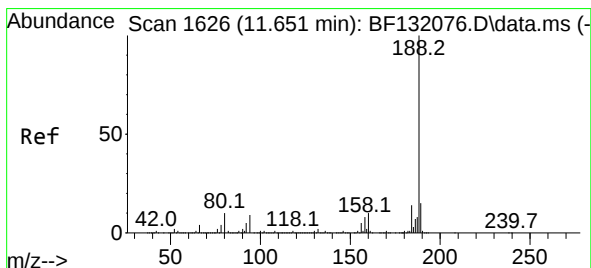
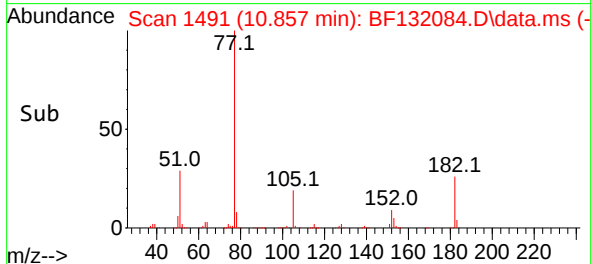
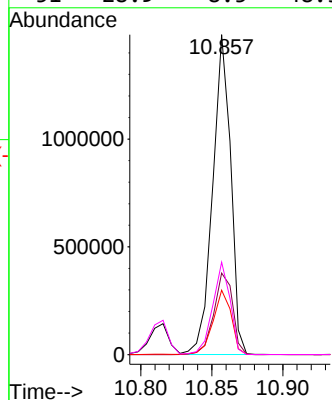
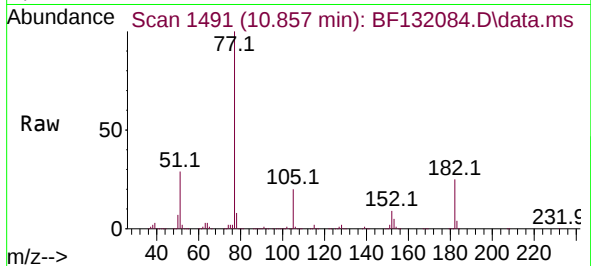




#63
Azobenzene
Concen: 40.427 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

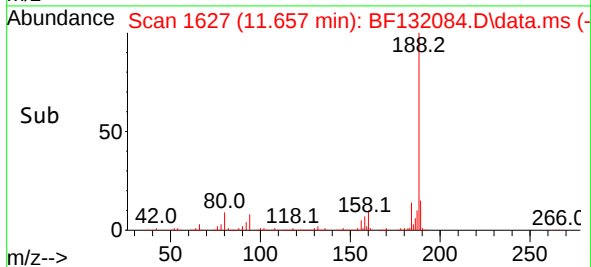
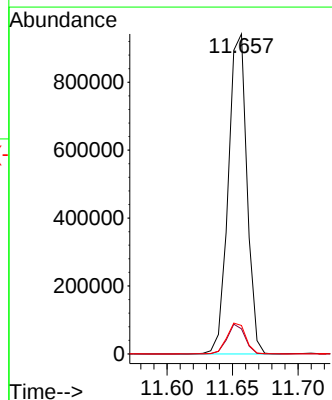
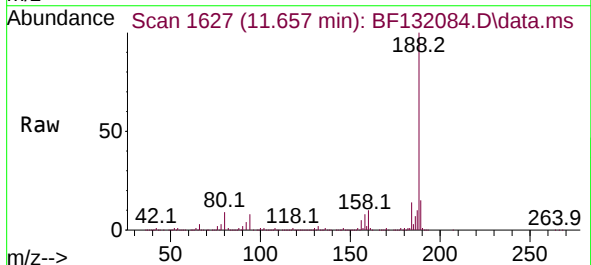
Instrument :
BNA_F
ClientSampleId :
PB150083BS

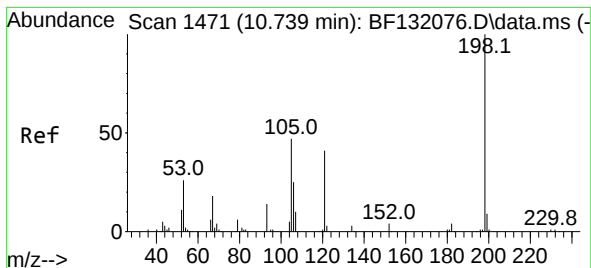
Tgt Ion: 77 Resp: 1307401
Ion Ratio Lower Upper
77 100
182 25.5 5.0 45.0
105 20.1 0.0 39.7
51 28.9 8.5 48.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:188 Resp: 934360
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.9 8.1 12.1

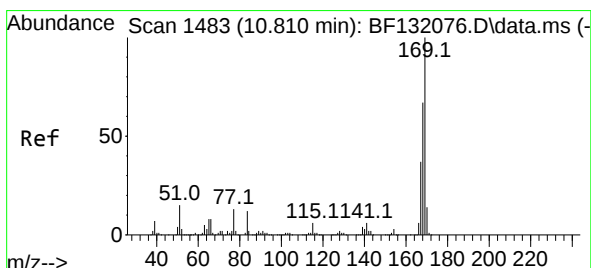
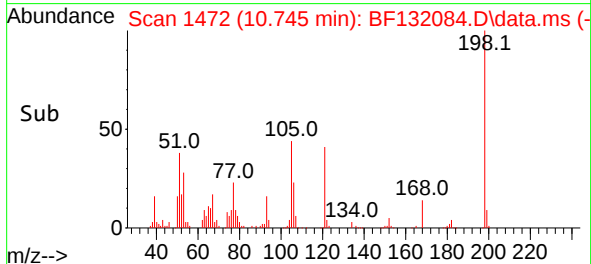
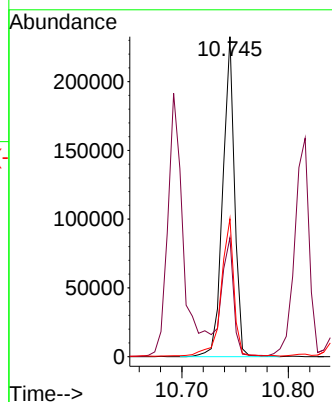
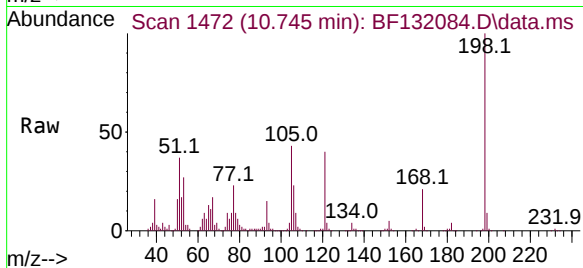




#65
4,6-Dinitro-2-methylphenol
Concen: 52.216 ng
RT: 10.745 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

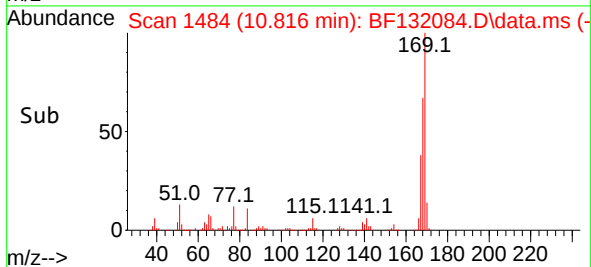
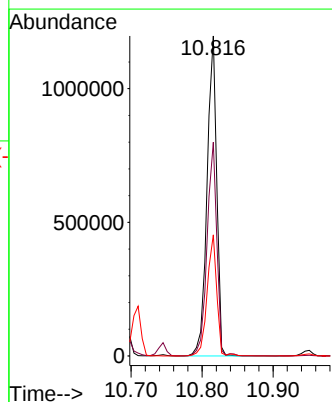
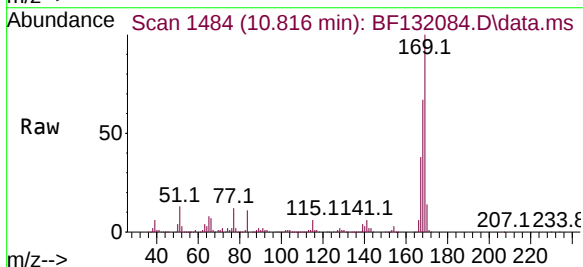
Instrument :
BNA_F
ClientSampleId :
PB150083BS

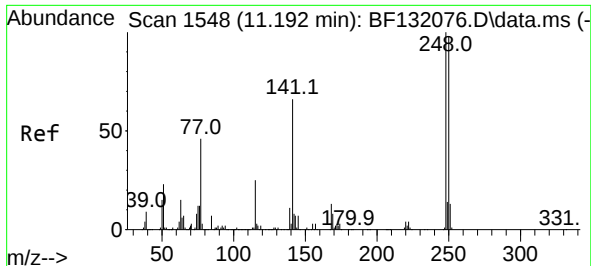
Tgt Ion:198 Resp: 179557
Ion Ratio Lower Upper
198 100
51 37.2 20.4 60.4
105 43.1 28.0 68.0



#66
n-Nitrosodiphenylamine
Concen: 40.822 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:169 Resp: 1116725
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 37.9 29.8 44.8

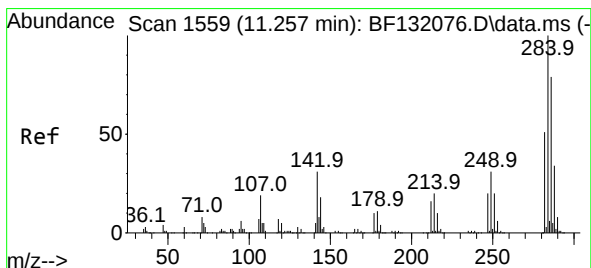
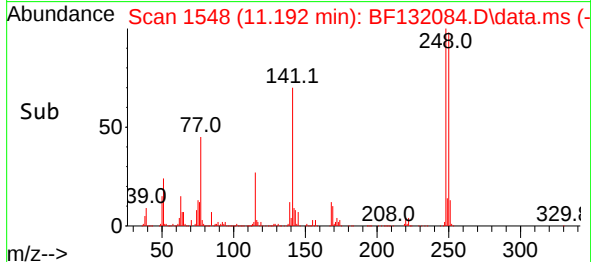
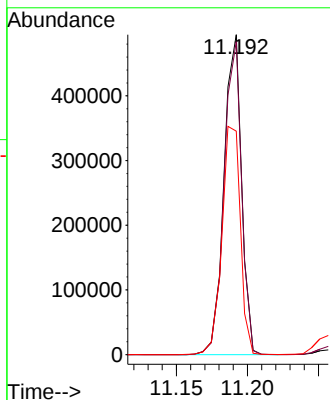
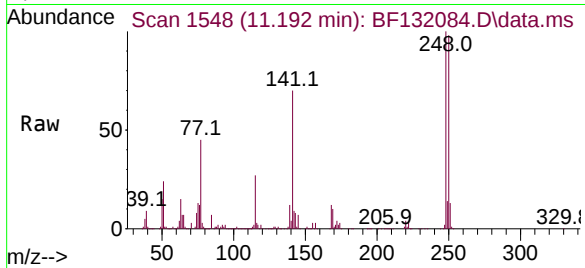




#67
4-Bromophenyl-phenylether
Concen: 41.937 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

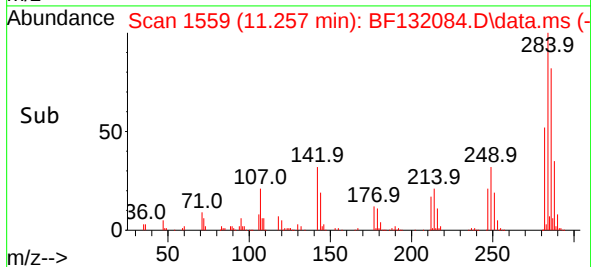
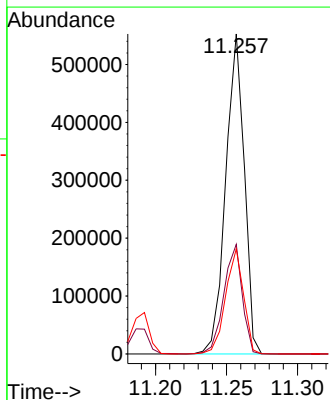
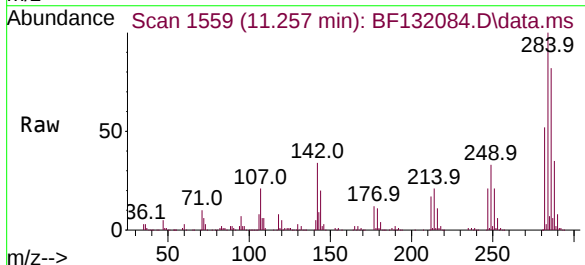
Instrument :
BNA_F
ClientSampleId :
PB150083BS

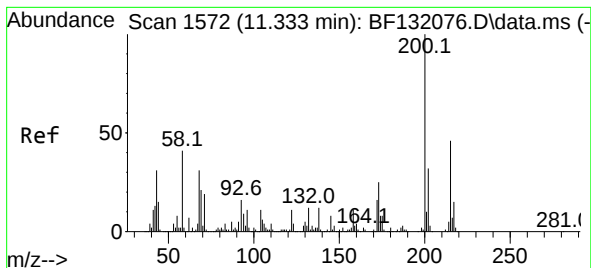
Tgt Ion:248 Resp: 426630
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 69.8 53.2 79.8



#68
Hexachlorobenzene
Concen: 45.218 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:284 Resp: 501849
Ion Ratio Lower Upper
284 100
142 34.2 24.6 36.8
249 32.8 24.5 36.7





#69

Atrazine

Concen: 57.073 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

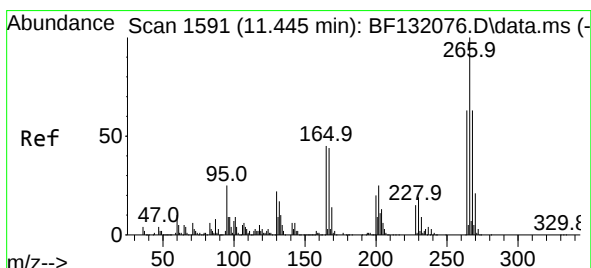
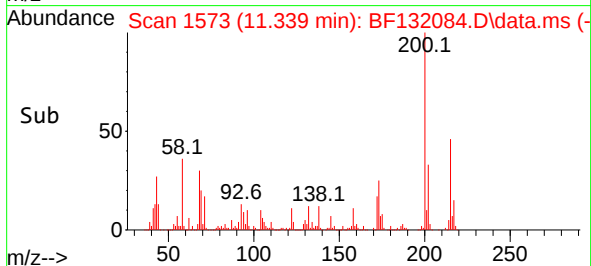
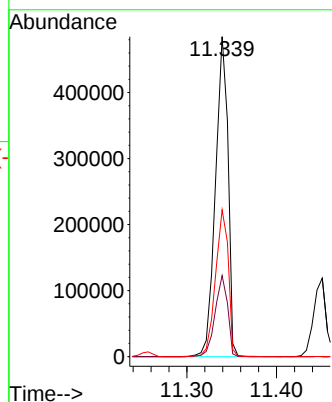
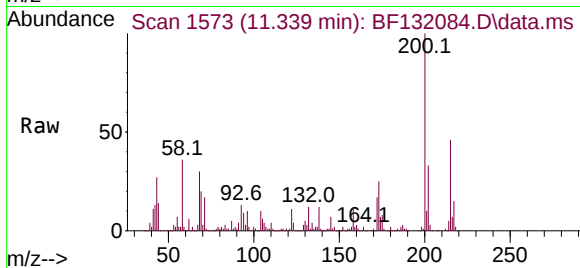
Tgt Ion:200 Resp: 471561

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

215 45.9 25.6 65.6



#70

Pentachlorophenol

Concen: 87.182 ng

RT: 11.451 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

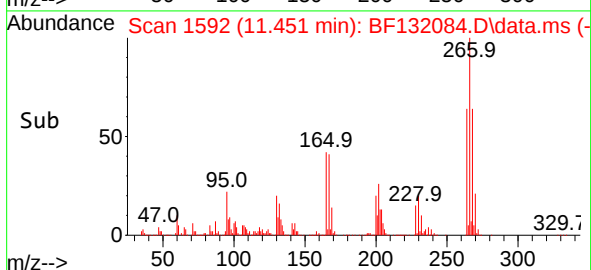
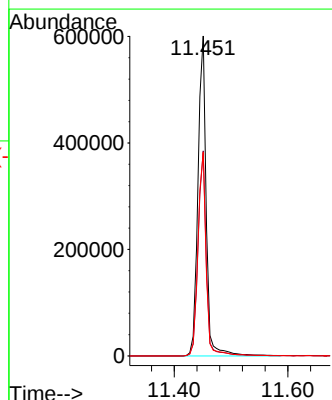
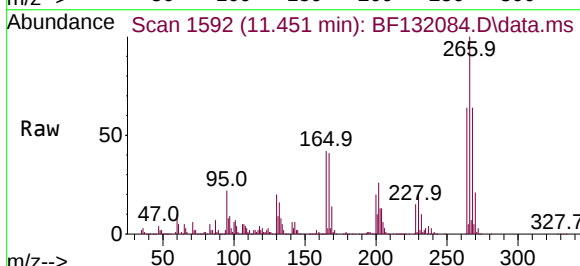
Tgt Ion:266 Resp: 601960

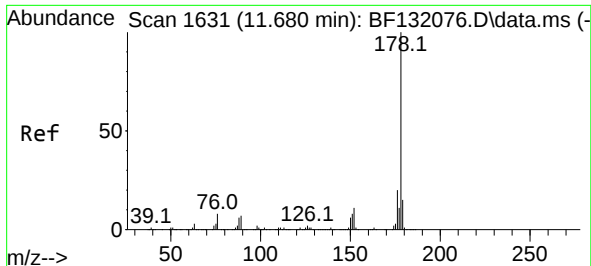
Ion Ratio Lower Upper

266 100

268 64.1 50.0 75.0

264 63.6 50.2 75.4

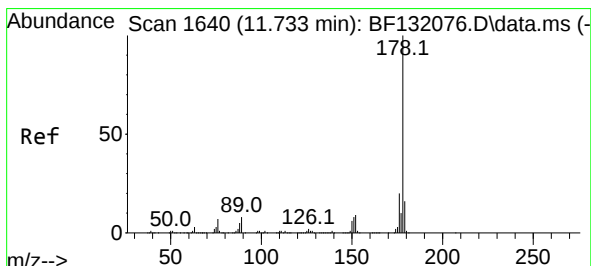
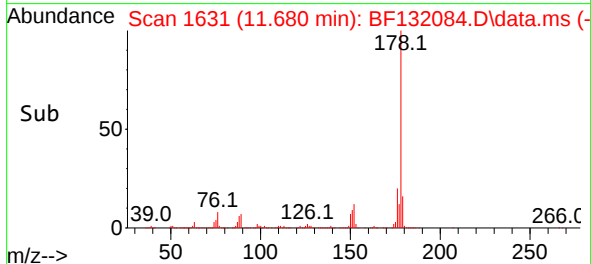
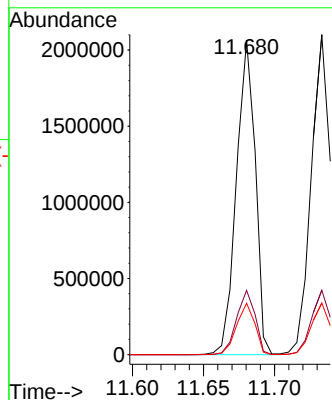
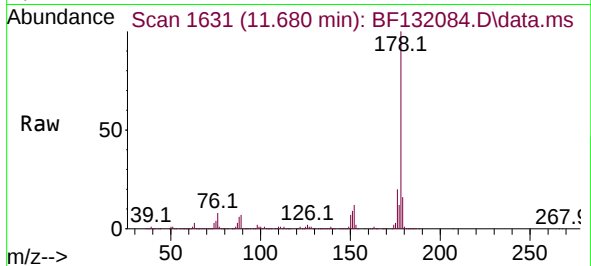




#71
Phenanthrene
Concen: 40.484 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

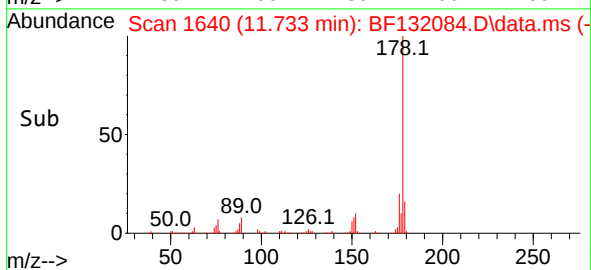
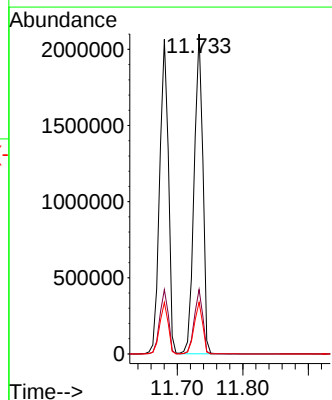
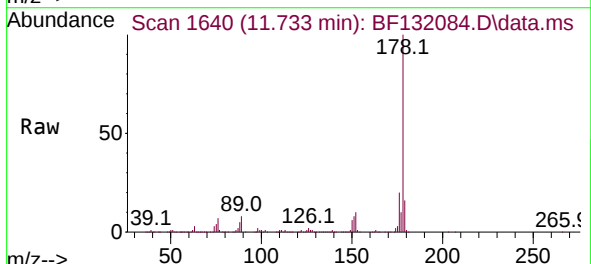
Instrument :
BNA_F
ClientSampleId :
PB150083BS

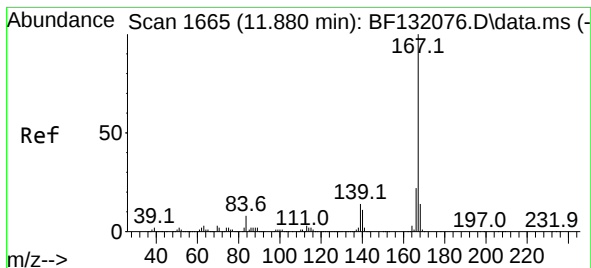
Tgt Ion:178 Resp: 1909322
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.4 12.3 18.5



#72
Anthracene
Concen: 40.227 ng
RT: 11.733 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:178 Resp: 1940079
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.1 12.5 18.7





#73

Carbazole

Concen: 41.323 ng

RT: 11.886 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

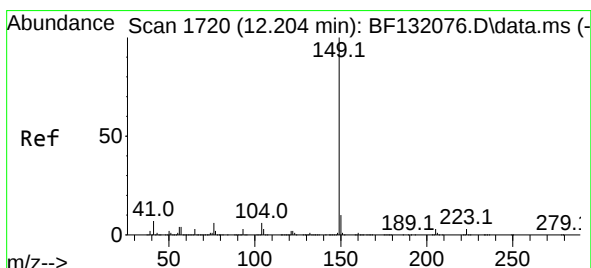
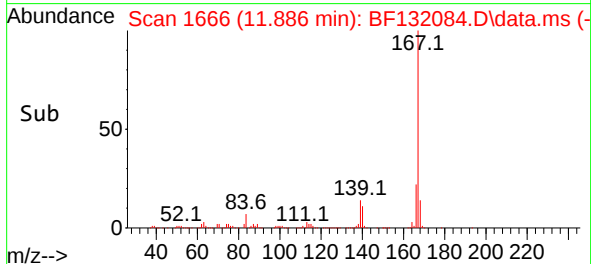
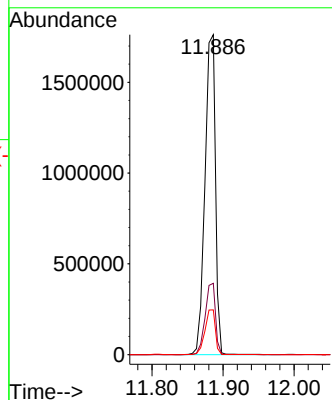
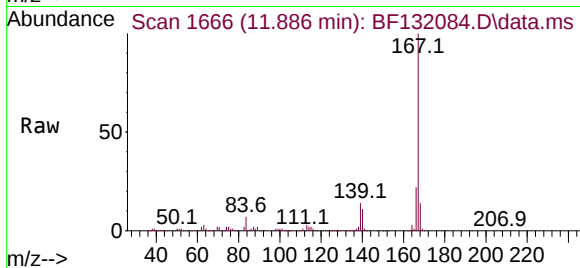
Tgt Ion:167 Resp: 1792392

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 45.382 ng

RT: 12.204 min Scan# 1720

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

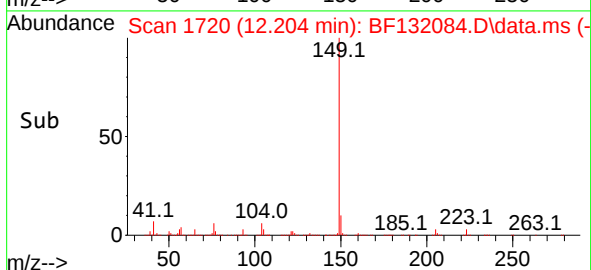
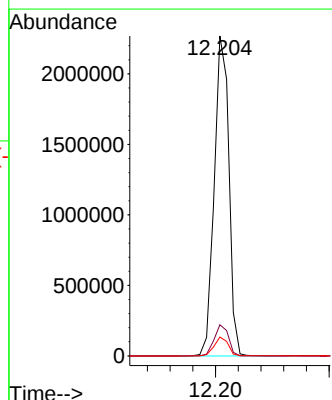
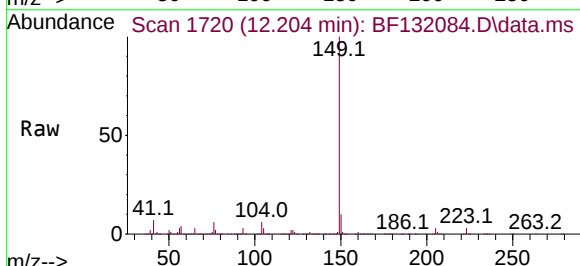
Tgt Ion:149 Resp: 2028072

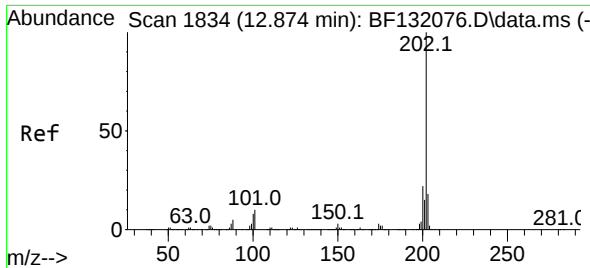
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.9 4.6 6.8

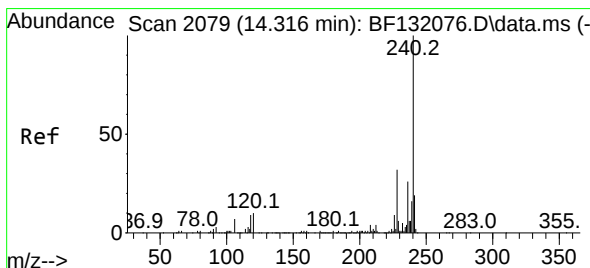
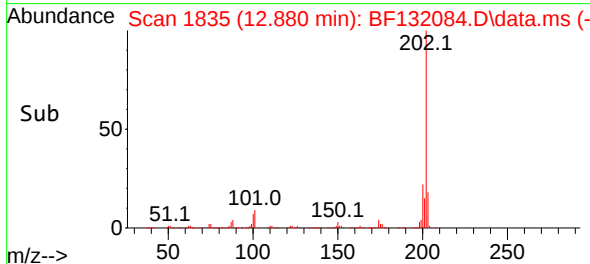
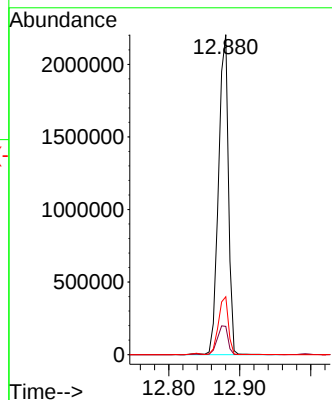
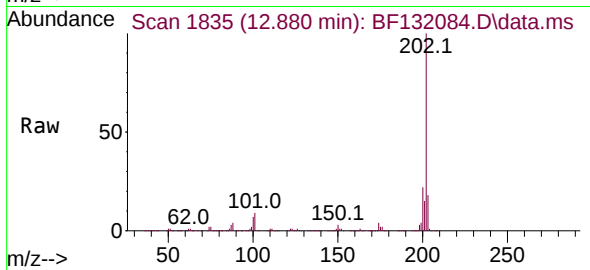




#75
 Fluoranthene
 Concen: 40.291 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.006 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

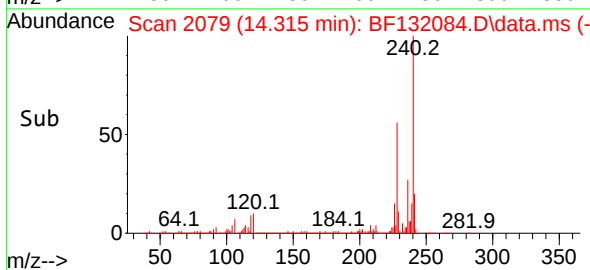
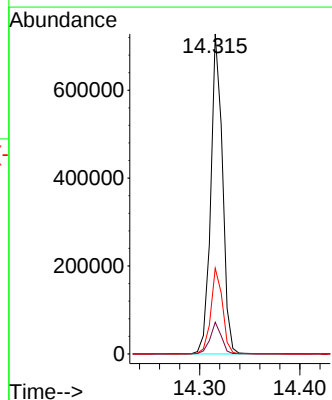
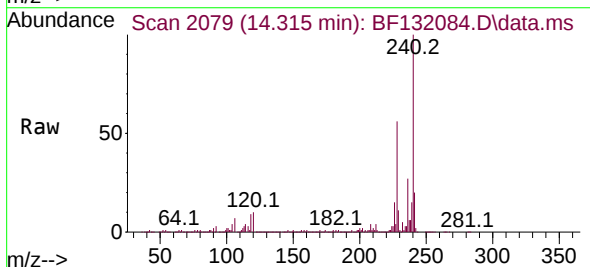
Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

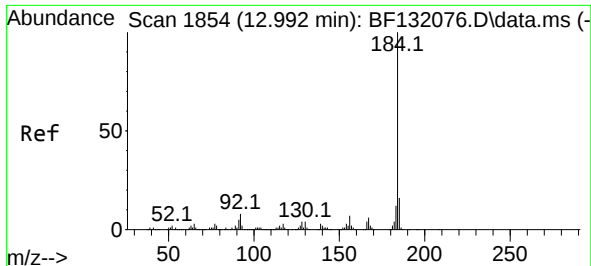
Tgt Ion:202 Resp: 2138887
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.4
 203 18.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.315 min Scan# 2079
 Delta R.T. -0.001 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

Tgt Ion:240 Resp: 589264
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.1 12.1
 236 26.8 21.0 31.4

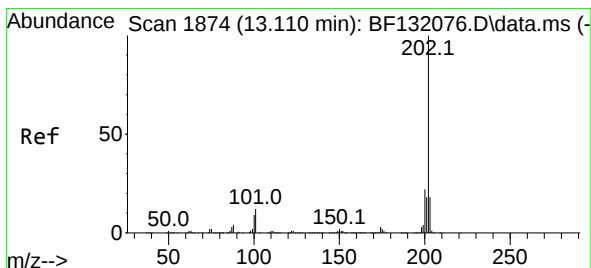
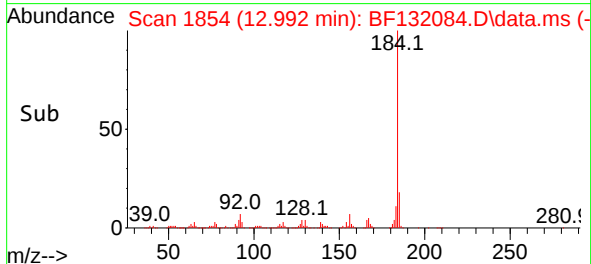
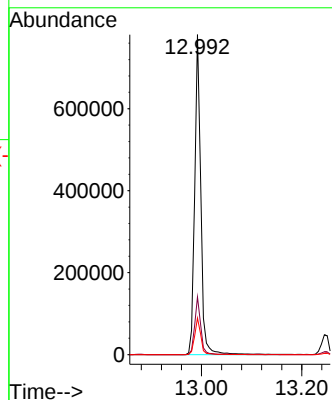
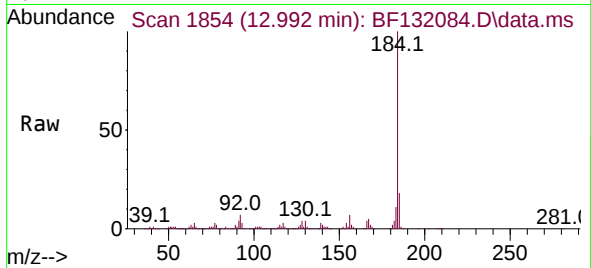




#77
Benzidine
Concen: 66.386 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

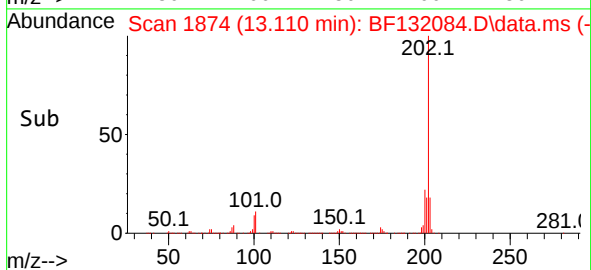
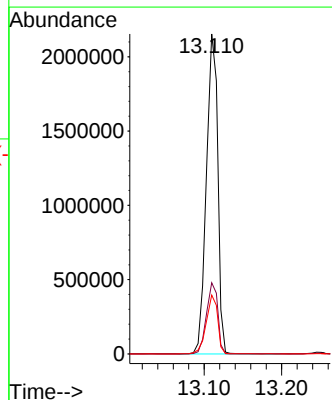
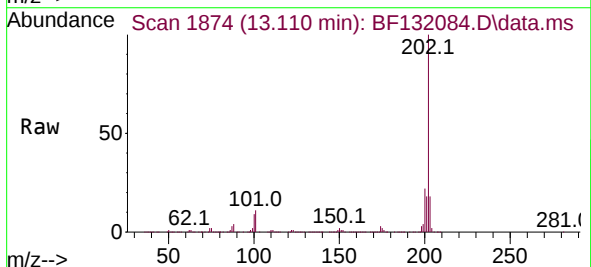
Instrument :
BNA_F
ClientSampleId :
PB150083BS

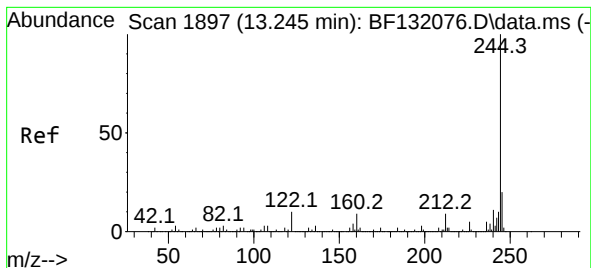
Tgt Ion:184 Resp: 655591
Ion Ratio Lower Upper
184 100
185 18.0 13.1 19.7
183 11.4 9.4 14.0



#78
Pyrene
Concen: 45.100 ng
RT: 13.110 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:202 Resp: 2197830
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.8
203 18.4 14.5 21.7





#79

Terphenyl-d14

Concen: 90.273 ng

RT: 13.251 min Scan# 1897

Delta R.T. 0.006 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

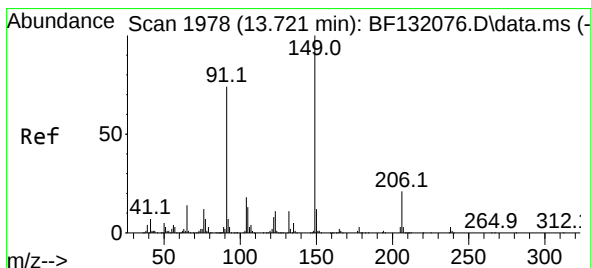
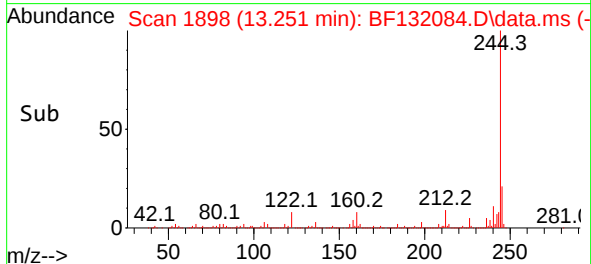
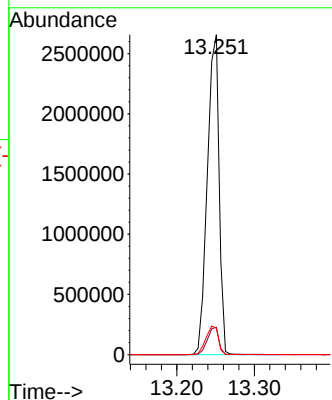
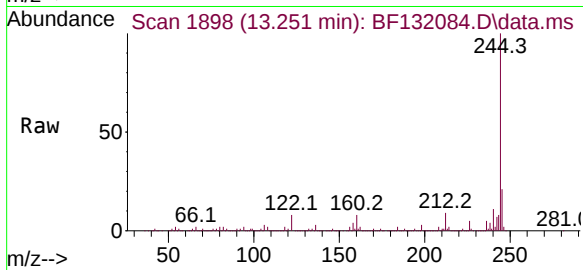
Tgt Ion:244 Resp: 2799564

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

122 8.3 7.8 11.6



#80

Butylbenzylphthalate

Concen: 60.934 ng

RT: 13.721 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

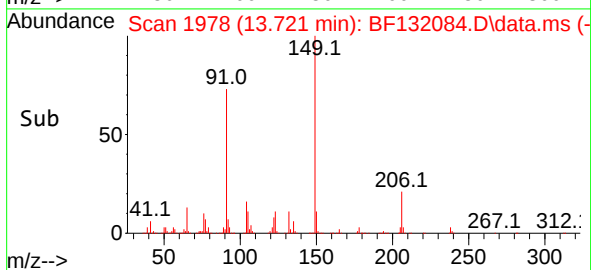
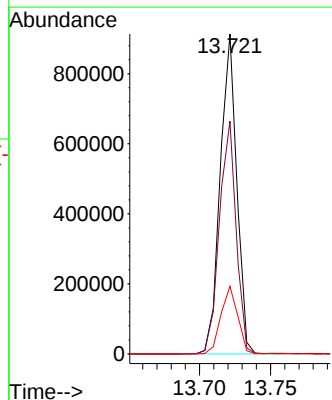
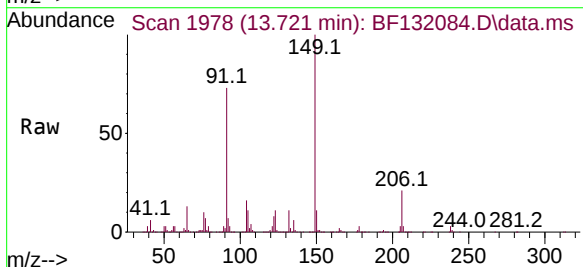
Tgt Ion:149 Resp: 740537

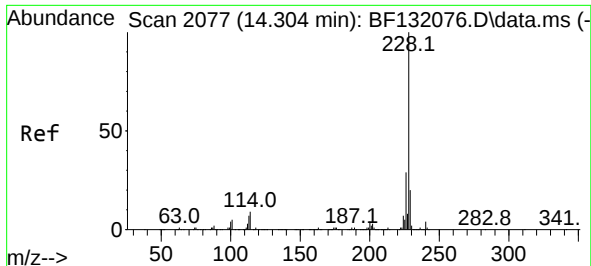
Ion Ratio Lower Upper

149 100

91 72.7 59.4 89.2

206 21.1 16.4 24.6

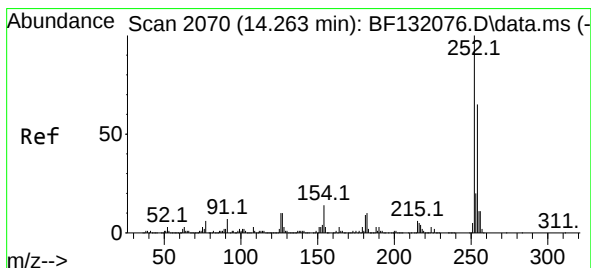
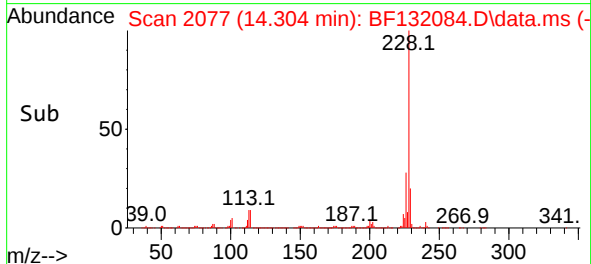
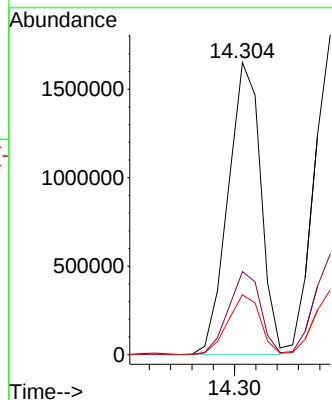
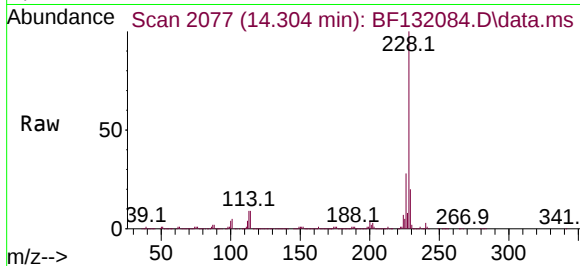




#81
Benzo(a)anthracene
Concen: 43.829 ng
RT: 14.304 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

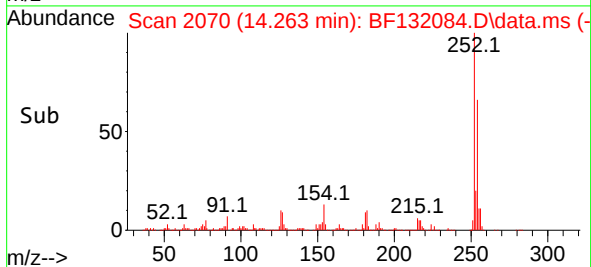
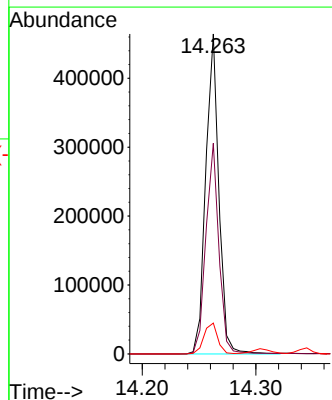
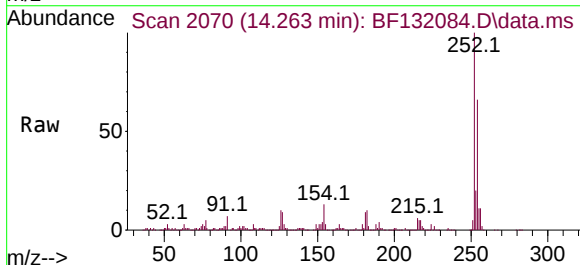
Instrument :
BNA_F
ClientSampleId :
PB150083BS

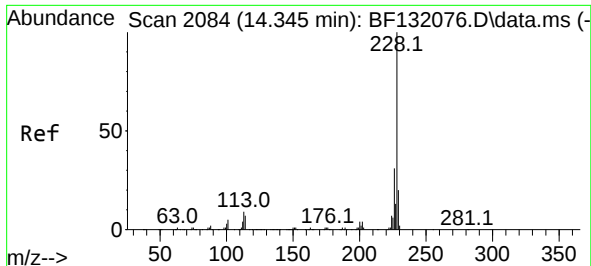
Tgt Ion:228 Resp: 1759134
Ion Ratio Lower Upper
228 100
226 28.4 23.0 34.6
229 20.4 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 35.514 ng
RT: 14.263 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:252 Resp: 372984
Ion Ratio Lower Upper
252 100
254 65.8 52.3 78.5
126 9.6 7.9 11.9

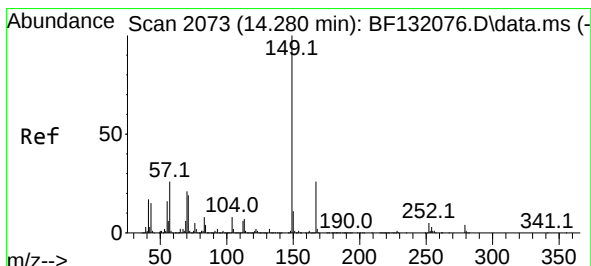
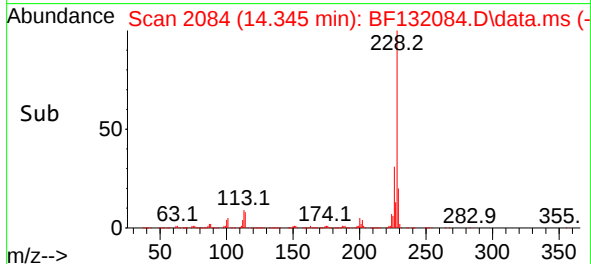
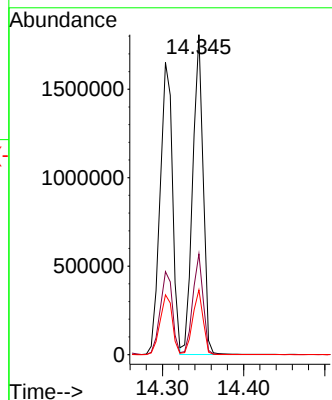
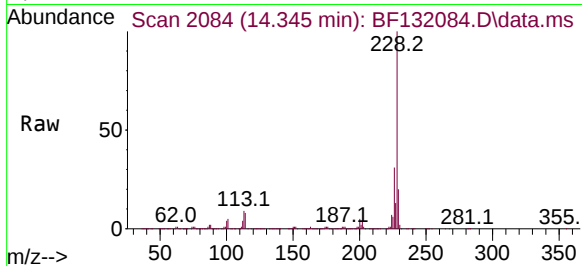




#83
Chrysene
Concen: 42.780 ng
RT: 14.345 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

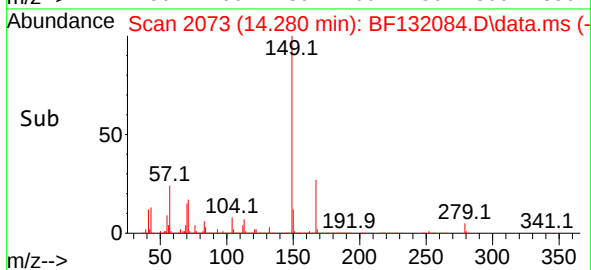
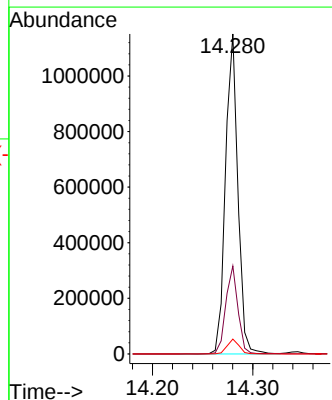
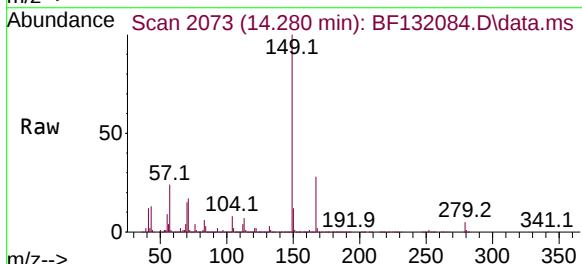
Instrument :
BNA_F
ClientSampleId :
PB150083BS

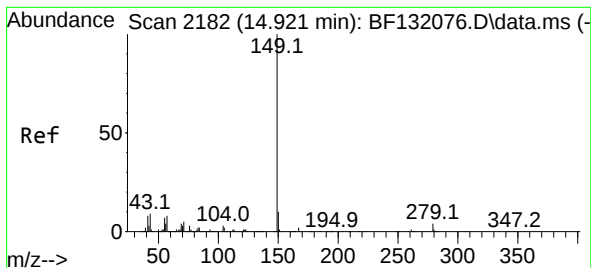
Tgt Ion:228 Resp: 1612475
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.069 ng
RT: 14.280 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:149 Resp: 990902
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 59.837 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

Instrument :

BNA_F

ClientSampleId :

PB150083BS

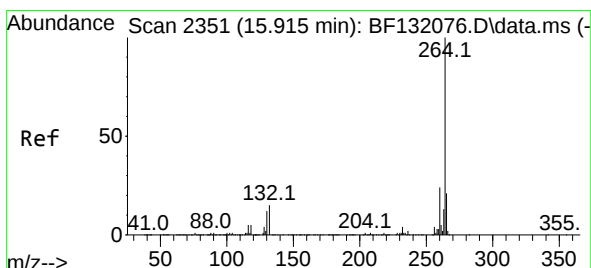
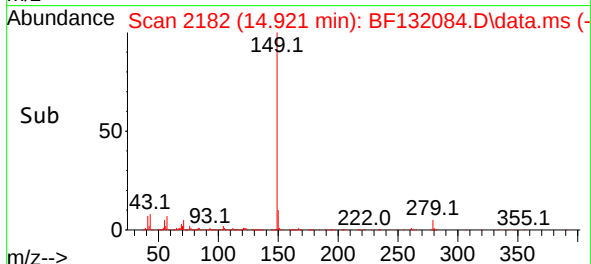
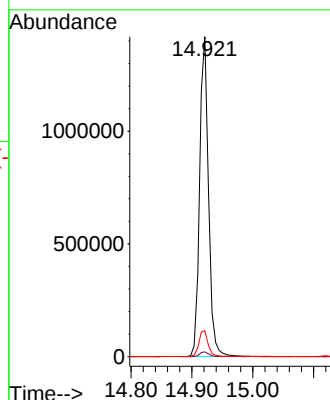
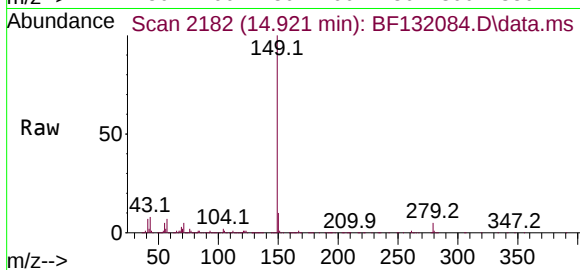
Tgt Ion:149 Resp: 1436619

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.4 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.915 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BF132084.D

Acq: 16 Jan 2023 23:11

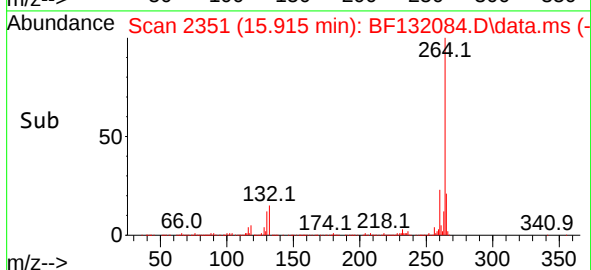
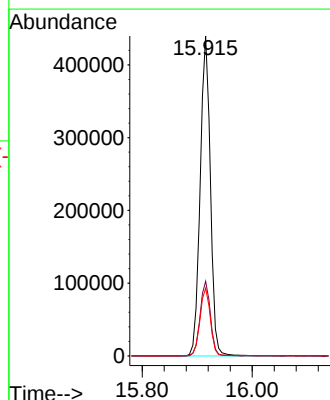
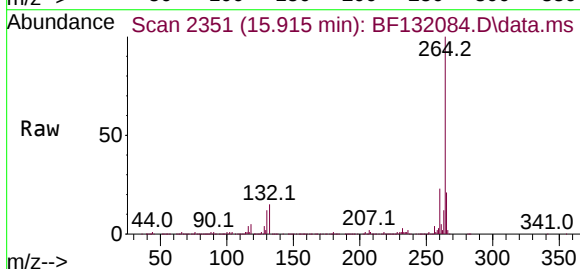
Tgt Ion:264 Resp: 563829

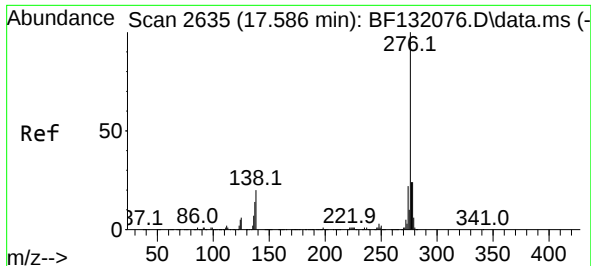
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.1 17.1 25.7

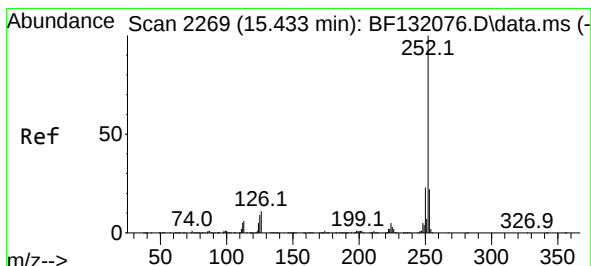
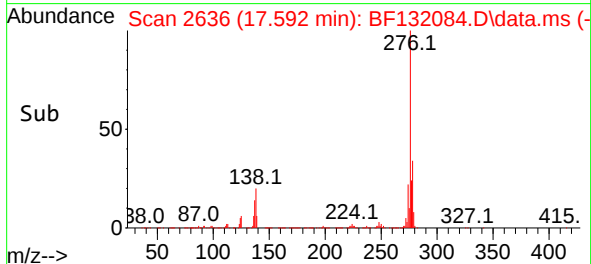
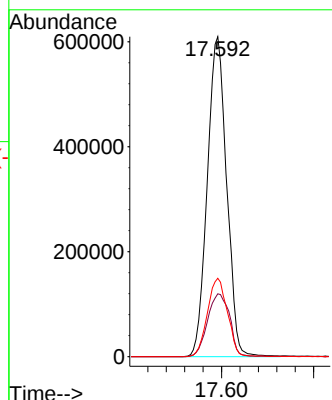
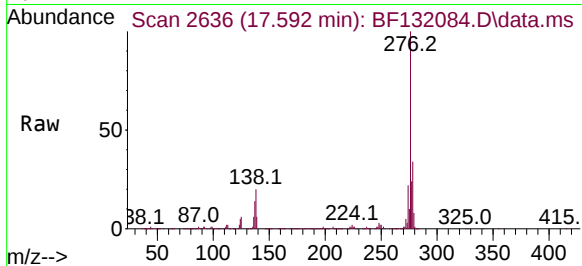




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.083 ng
 RT: 17.592 min Scan# 2636
 Delta R.T. 0.006 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

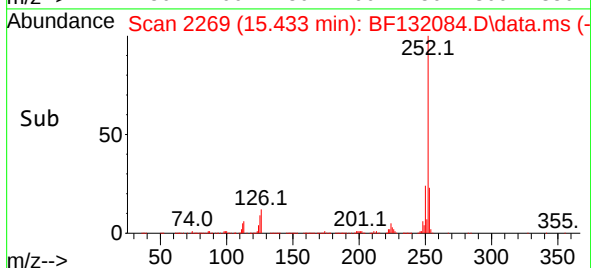
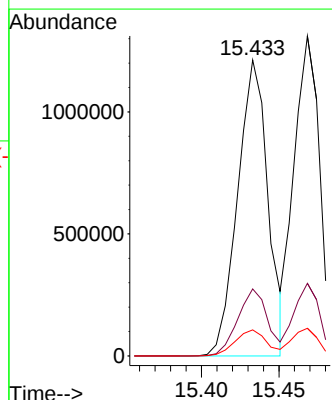
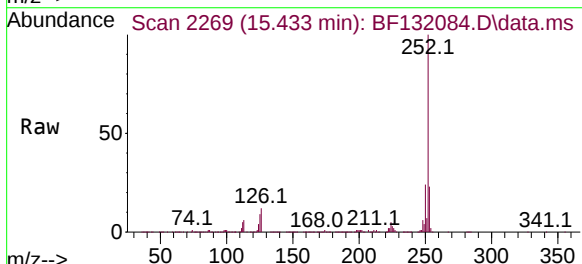
Instrument :
 BNA_F
 ClientSampleId :
 PB150083BS

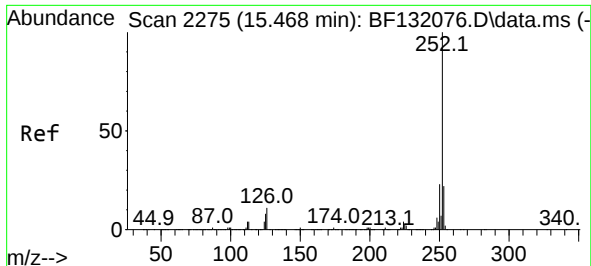
Tgt Ion:276 Resp: 1774300
 Ion Ratio Lower Upper
 276 100
 138 22.4 19.2 28.8
 277 25.2 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 47.764 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF132084.D
 Acq: 16 Jan 2023 23:11

Tgt Ion:252 Resp: 1652405
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.7 26.5
 125 8.8 7.1 10.7

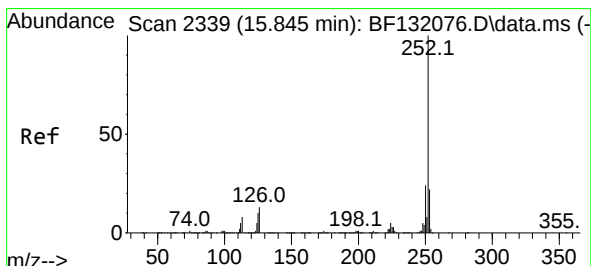
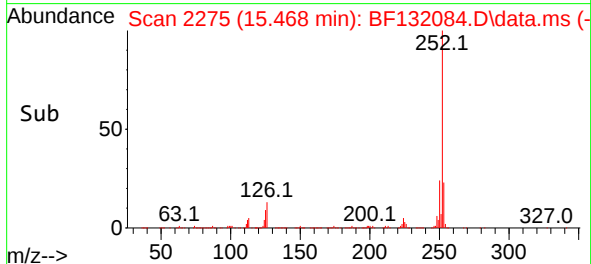
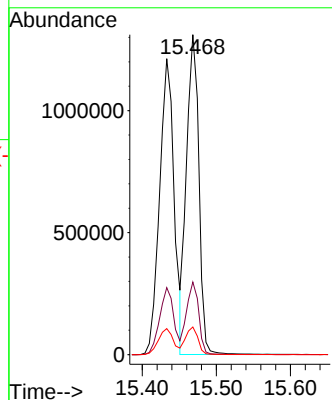
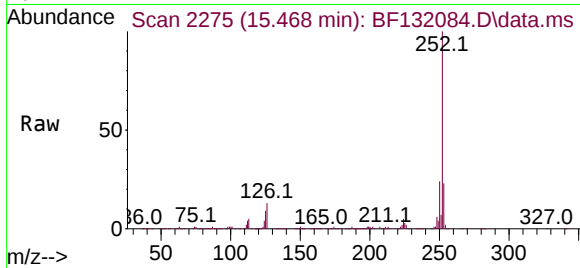




#89
Benzo(k)fluoranthene
Concen: 44.986 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

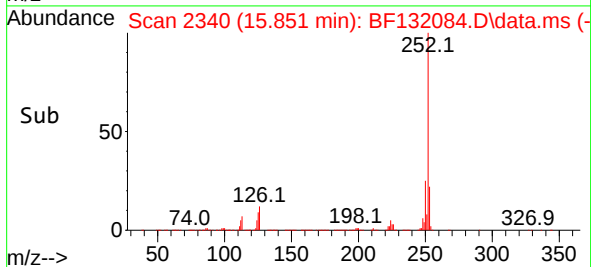
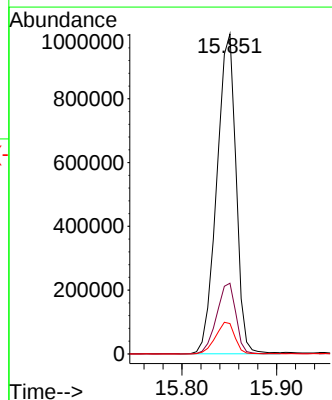
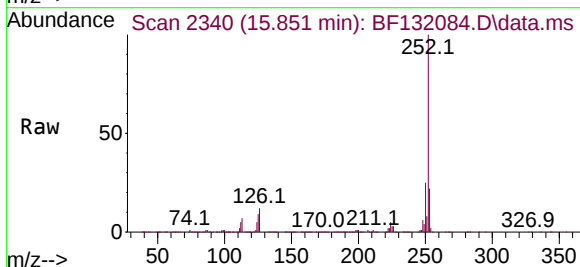
Instrument :
BNA_F
ClientSampleId :
PB150083BS

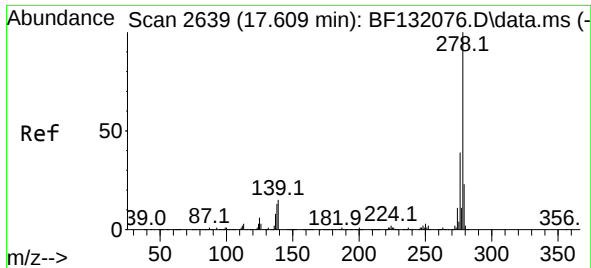
Tgt Ion:252 Resp: 1523782
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 8.6 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.886 ng
RT: 15.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:252 Resp: 1415084
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.5 8.3 12.5

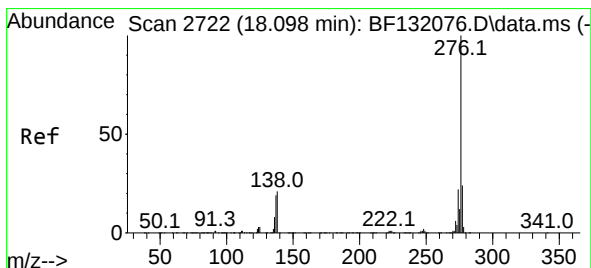
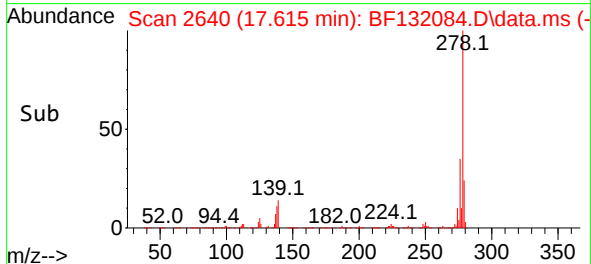
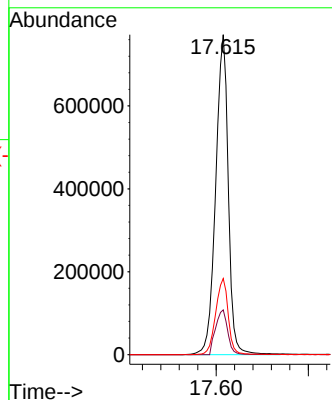
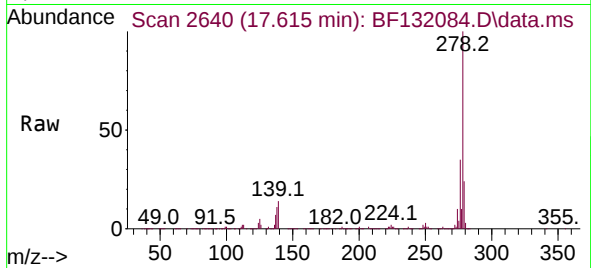




#91
Dibenzo(a,h)anthracene
Concen: 50.919 ng
RT: 17.615 min Scan# 2640
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Tgt Ion:278 Resp: 1464165
Ion Ratio Lower Upper
278 100
139 14.0 11.9 17.9
279 23.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 50.495 ng
RT: 18.103 min Scan# 2723
Delta R.T. 0.006 min
Lab File: BF132084.D
Acq: 16 Jan 2023 23:11

Tgt Ion:276 Resp: 1501984
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 20.4 16.7 25.1

