

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128194.D
 Acq On : 11 May 2022 14:49
 Operator : CG\JU
 Sample : PB144740BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144740BS

Quant Time: May 12 05:59:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107927	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	418207	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232195	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	410952	20.000	ng	0.00
76) Chrysene-d12	14.074	240	279827	20.000	ng	0.00
86) Perylene-d12	15.568	264	223601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	528710	78.093	ng	0.01
7) Phenol-d6	6.528	99	675743	75.462	ng	0.00
23) Nitrobenzene-d5	7.463	82	704849	75.838	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	204741	76.884	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1141522	76.924	ng	0.00
79) Terphenyl-d14	13.016	244	1298429	87.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	94164	31.266	ng	97
3) Pyridine	3.587	79	260286	32.577	ng	98
4) n-Nitrosodimethylamine	3.563	42	163800	41.125	ng	93
6) Aniline	6.557	93	299382	29.605	ng	97
8) 2-Chlorophenol	6.681	128	284921	41.319	ng	99
9) Benzaldehyde	6.451	77	189378	43.146	ng	99
10) Phenol	6.540	94	370930	39.280	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	291166	41.171	ng	98
12) 1,3-Dichlorobenzene	6.834	146	305819	39.402	ng	97
13) 1,4-Dichlorobenzene	6.910	146	306870	39.129	ng	97
14) 1,2-Dichlorobenzene	7.063	146	298679	40.414	ng	99
15) Benzyl Alcohol	7.039	79	284329	40.179	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	417431	39.804	ng	99
17) 2-Methylphenol	7.145	107	241601	41.298	ng	96
18) Hexachloroethane	7.404	117	121215	40.911	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	223722	40.570	ng	99
20) 3+4-Methylphenols	7.298	107	287184	39.647	ng	# 87
22) Acetophenone	7.304	105	405177	38.908	ng	# 87
24) Nitrobenzene	7.481	77	347139	40.469	ng	99
25) Isophorone	7.716	82	631097	43.312	ng	98
26) 2-Nitrophenol	7.792	139	152931	40.602	ng	97
27) 2,4-Dimethylphenol	7.828	122	260055	44.793	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	361629	39.262	ng	99
29) 2,4-Dichlorophenol	8.034	162	243485	39.892	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	273747	39.133	ng	98
31) Naphthalene	8.198	128	808324	39.136	ng	100
32) Benzoic acid	7.969	122	153685	35.397	ng	92
33) 4-Chloroaniline	8.245	127	153825	18.761	ng	96
34) Hexachlorobutadiene	8.304	225	181220	38.580	ng	99
35) Caprolactam	8.633	113	44061	22.115	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	273554	40.112	ng	96
37) 2-Methylnaphthalene	8.892	142	543397	39.023	ng	99
38) 1-Methylnaphthalene	8.992	142	521129	38.965	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	271147	39.588	ng	99
41) Hexachlorocyclopentadiene	9.039	237	286183	90.690	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	173426	39.302	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	186357	39.608	ng	95
46) 1,1'-Biphenyl	9.357	154	670566	39.669	ng	99
47) 2-Chloronaphthalene	9.380	162	498830	39.815	ng	96
48) 2-Nitroaniline	9.486	65	184616	41.100	ng	99
49) Acenaphthylene	9.804	152	794253	41.913	ng	100
50) Dimethylphthalate	9.657	163	607967	40.575	ng	99
51) 2,6-Dinitrotoluene	9.728	165	138727	42.206	ng	99
52) Acenaphthene	9.975	154	474749	36.133	ng	99
53) 3-Nitroaniline	9.898	138	87426	24.534	ng	96
54) 2,4-Dinitrophenol	10.010	184	136942	75.310	ng	# 81
55) Dibenzofuran	10.145	168	711801	38.155	ng	97
56) 4-Nitrophenol	10.069	139	181494	72.891	ng	89
57) 2,4-Dinitrotoluene	10.133	165	182605	41.547	ng	# 79
58) Fluorene	10.486	166	570917	39.290	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	155257	38.612	ng	99
60) Diethylphthalate	10.357	149	596734	39.916	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	277311	38.268	ng	93
62) 4-Nitroaniline	10.516	138	132922	36.796	ng	92
63) Azobenzene	10.639	77	640355	39.117	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	97585	37.942	ng	94
66) n-Nitrosodiphenylamine	10.598	169	500215	41.765	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	183322	41.464	ng	95
68) Hexachlorobenzene	11.033	284	206611	42.720	ng	97
69) Atrazine	11.127	200	174965	43.307	ng	96
70) Pentachlorophenol	11.233	266	193994	82.649	ng	98
71) Phenanthrene	11.457	178	840721	41.085	ng	99
72) Anthracene	11.510	178	848264	41.520	ng	100
73) Carbazole	11.663	167	753005	38.759	ng	99
74) Di-n-butylphthalate	11.980	149	913742	40.855	ng	99
75) Fluoranthene	12.645	202	895517	40.366	ng	98
77) Benzidine	12.763	184	251649	41.522	ng	98
78) Pyrene	12.874	202	901844	44.448	ng	100
80) Butylbenzylphthalate	13.486	149	364964	43.267	ng	94
81) Benzo(a)anthracene	14.063	228	751349	42.037	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	159090	39.668	ng	# 99
83) Chrysene	14.104	228	695633	40.790	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	489525	42.951	ng	99
85) Di-n-octyl phthalate	14.651	149	762042	41.857	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	577218	42.675	ng	96
88) Benzo(b)fluoranthene	15.127	252	625918	45.157	ng	99
89) Benzo(k)fluoranthene	15.162	252	563003	41.148	ng	98
90) Benzo(a)pyrene	15.509	252	551217	49.259	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	496007	45.296	ng	97
92) Benzo(g,h,i)perylene	17.562	276	503244	45.388	ng	97

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

Instrument :

BNA F

ClientSampleId :

PB144740BS

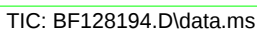
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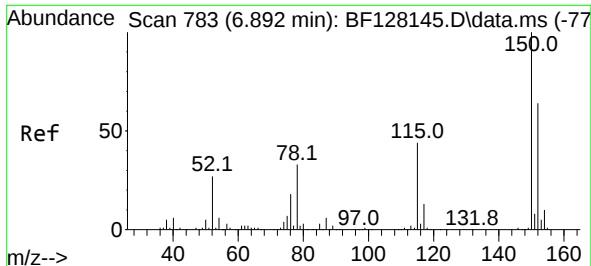
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M

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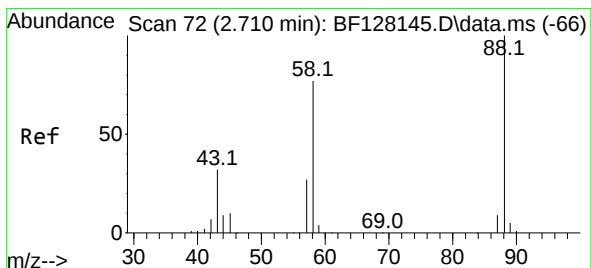
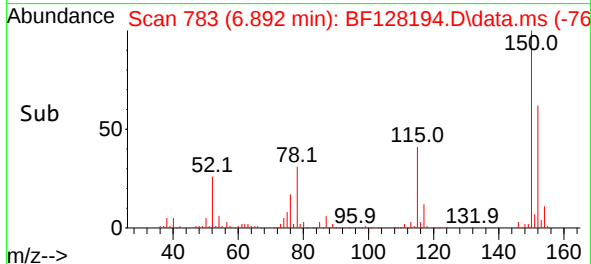
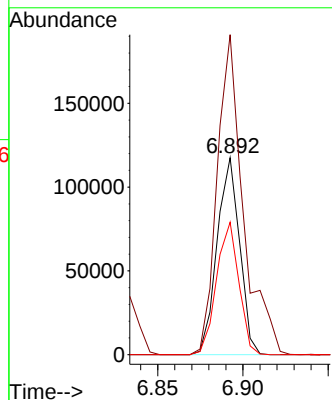
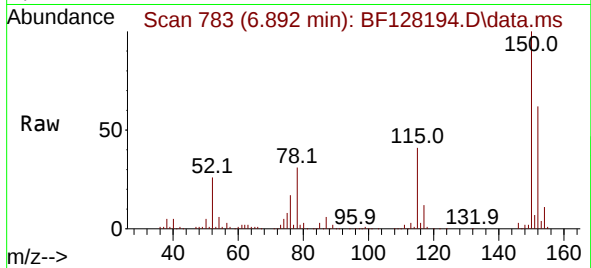




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

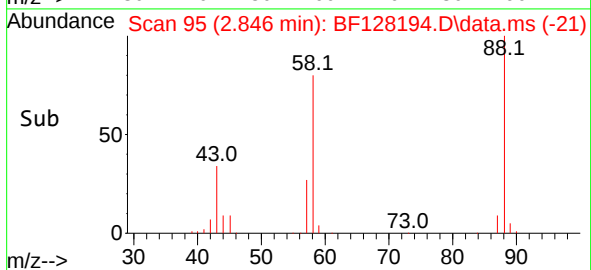
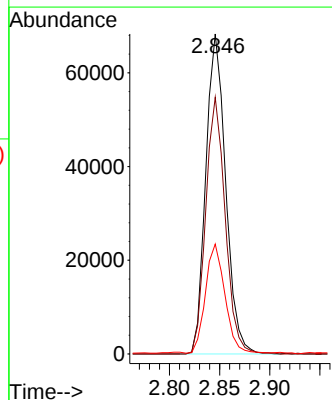
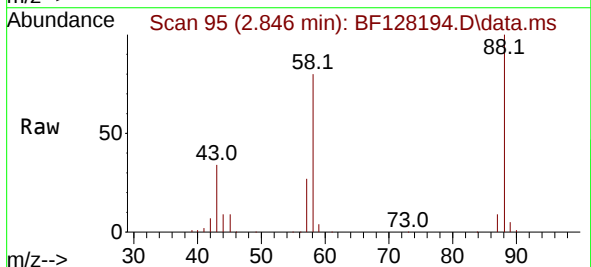
Instrument :
 BNA_F
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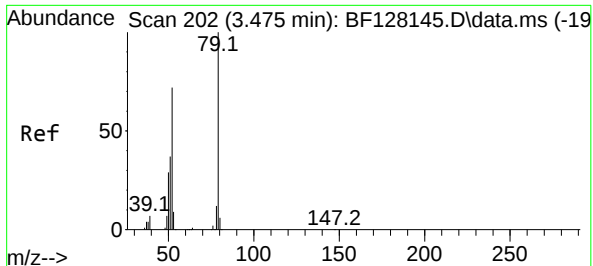
Tgt Ion:152 Resp: 107927
 Ion Ratio Lower Upper
 152 100
 150 162.5 125.3 187.9
 115 67.3 48.8 73.2



#2
 1,4-Dioxane
 Concen: 31.266 ng
 RT: 2.846 min Scan# 95
 Delta R.T. 0.135 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

Tgt Ion: 88 Resp: 94164
 Ion Ratio Lower Upper
 88 100
 58 78.6 61.0 91.4
 43 33.4 24.9 37.3

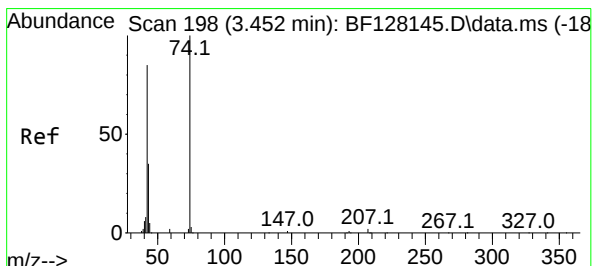
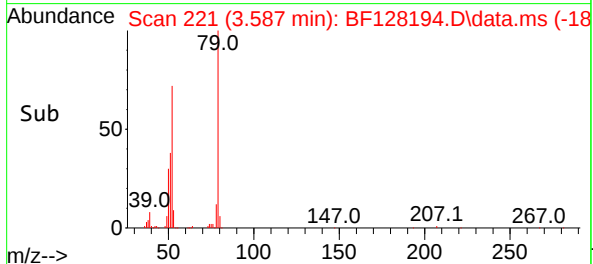
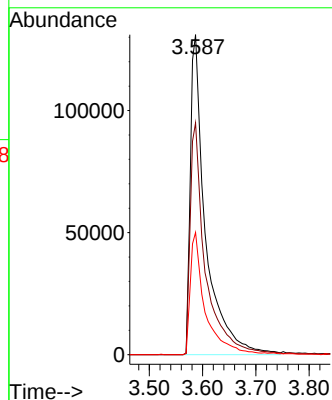
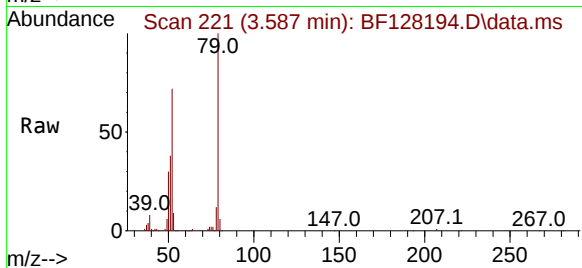




#3
Pyridine
Concen: 32.577 ng
RT: 3.587 min Scan# 217
Delta R.T. 0.112 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

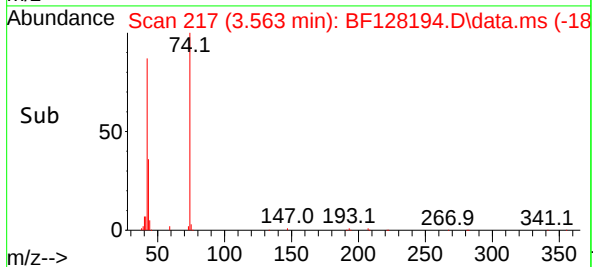
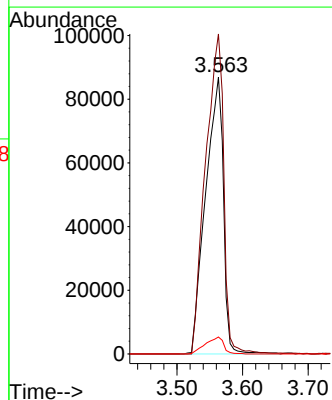
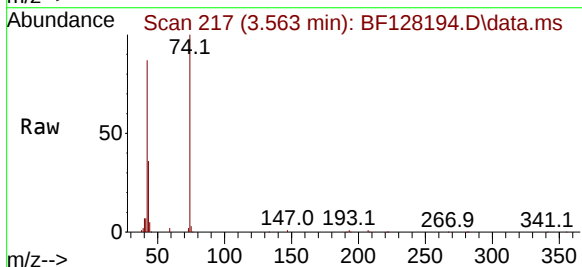
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ClientSampleId :
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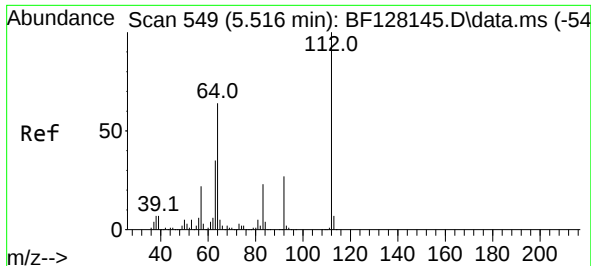
Tgt Ion: 79 Resp: 260286
Ion Ratio Lower Upper
79 100
52 72.5 58.3 87.5
51 38.2 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 41.125 ng
RT: 3.563 min Scan# 217
Delta R.T. 0.112 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 42 Resp: 163800
Ion Ratio Lower Upper
42 100
74 115.6 99.0 148.4
44 6.1 5.2 7.8

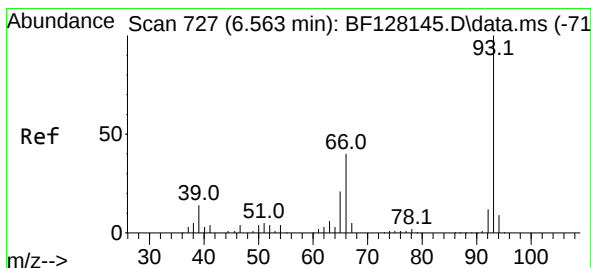
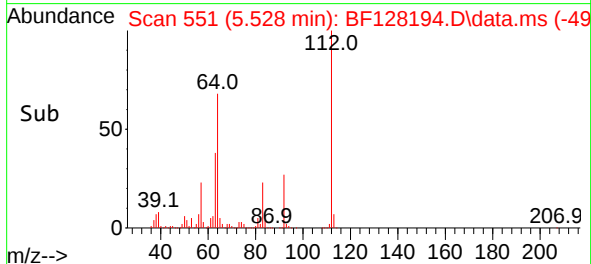
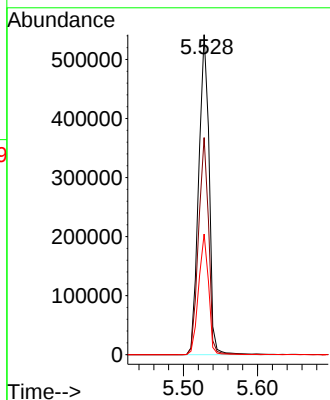
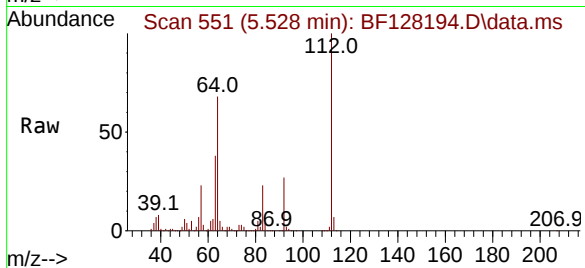




#5
2-Fluorophenol
Concen: 78.093 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

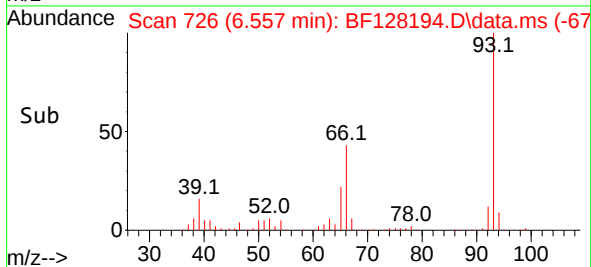
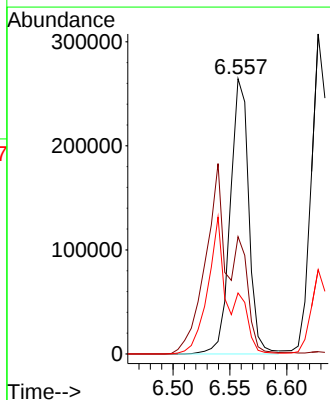
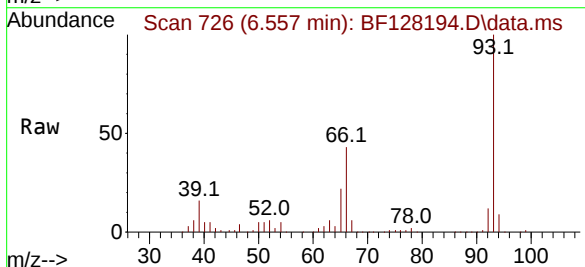
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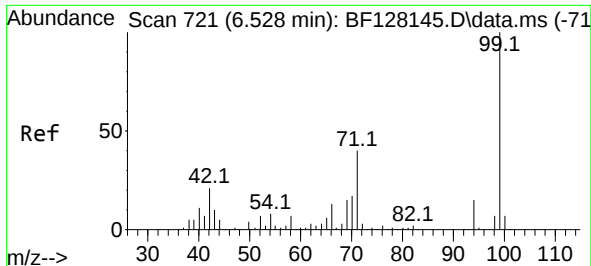
Tgt Ion:112 Resp: 528710
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.7 26.3 39.5



#6
Aniline
Concen: 29.605 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 93 Resp: 299382
Ion Ratio Lower Upper
93 100
66 42.6 32.2 48.4
65 22.1 16.7 25.1

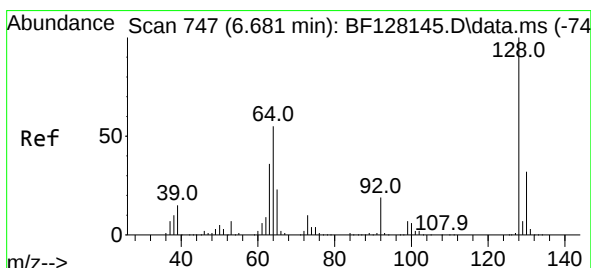
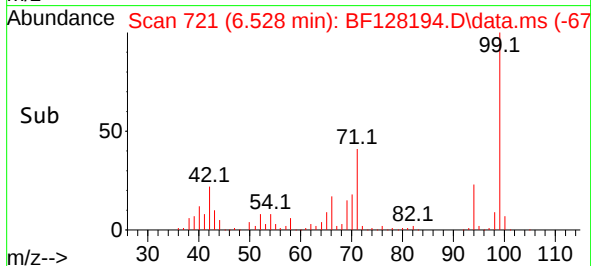
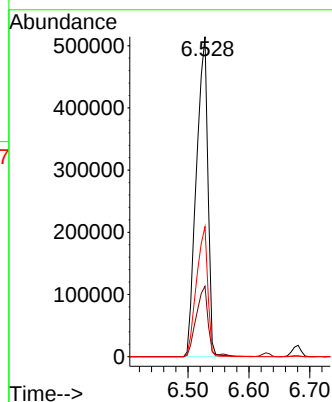
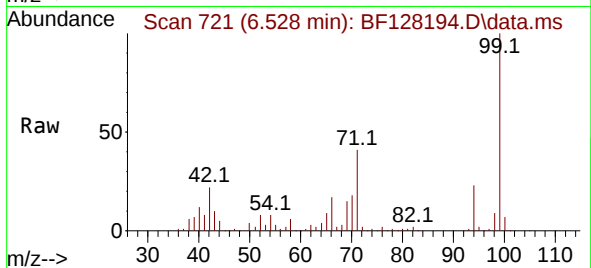




#7
Phenol-d6
Concen: 75.462 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

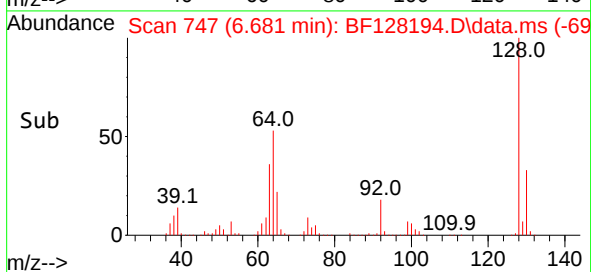
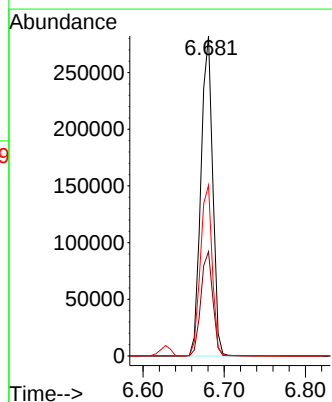
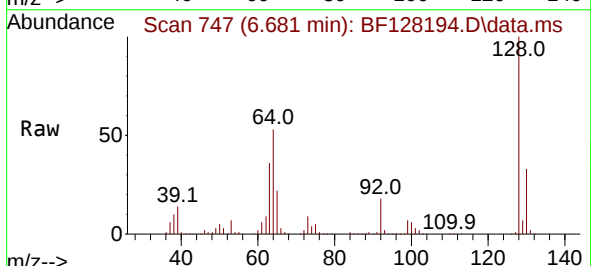
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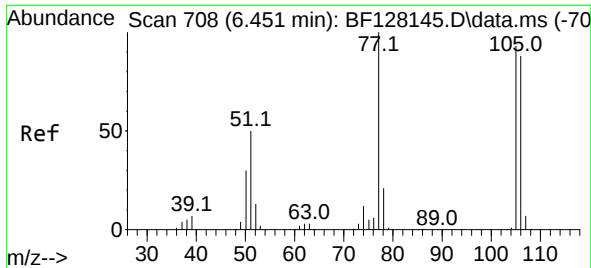
Tgt Ion: 99 Resp: 675743
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 40.6 30.0 45.0



#8
2-Chlorophenol
Concen: 41.319 ng
RT: 6.681 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 128 Resp: 284921
Ion Ratio Lower Upper
128 100
130 32.6 11.6 51.6
64 53.4 33.8 73.8





#9

Benzaldehyde

Concen: 43.146 ng

RT: 6.451 min Scan# 708

Delta R.T. 0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

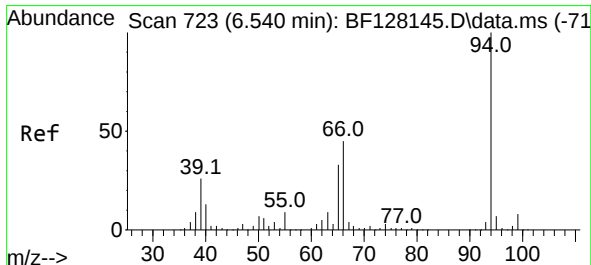
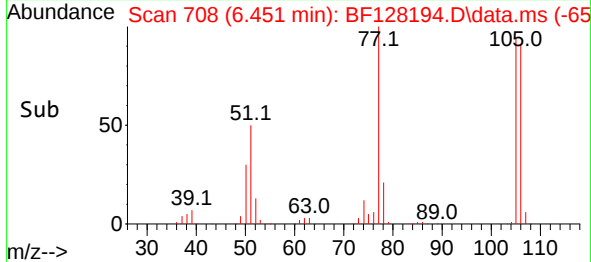
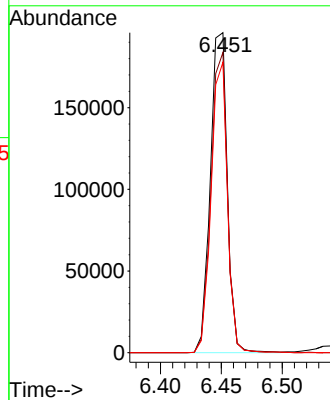
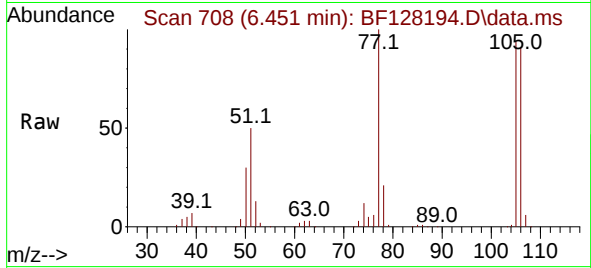
Tgt Ion: 77 Resp: 189378

Ion Ratio Lower Upper

77 100

105 93.8 74.9 114.9

106 90.8 72.2 112.2



#10

Phenol

Concen: 39.280 ng

RT: 6.540 min Scan# 723

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

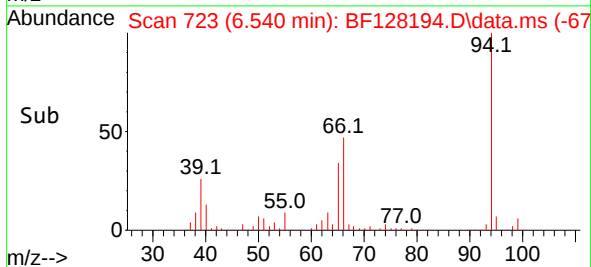
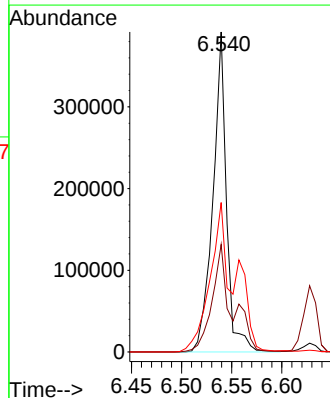
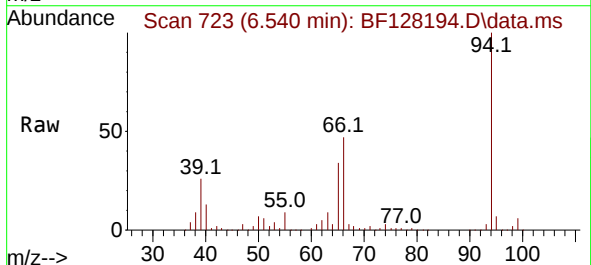
Tgt Ion: 94 Resp: 370930

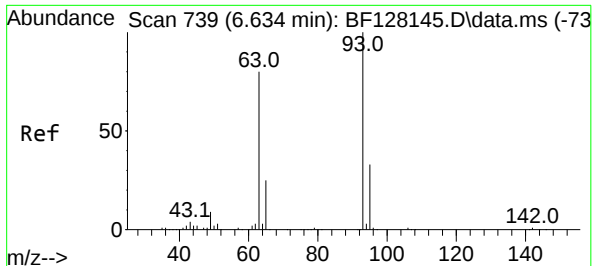
Ion Ratio Lower Upper

94 100

65 33.6 10.6 50.6

66 46.7 22.6 62.6

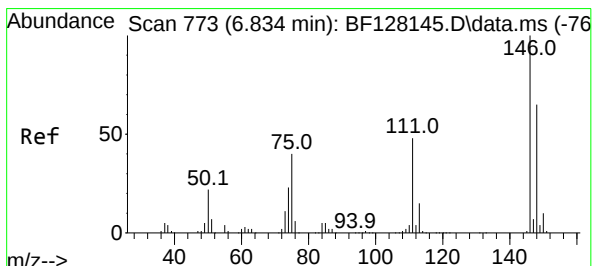
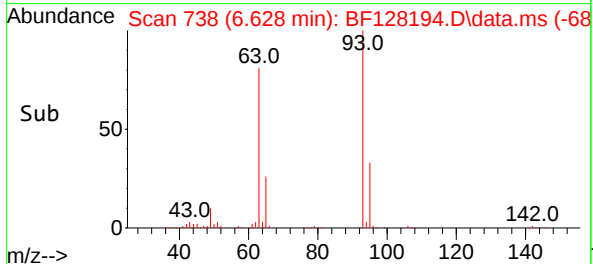
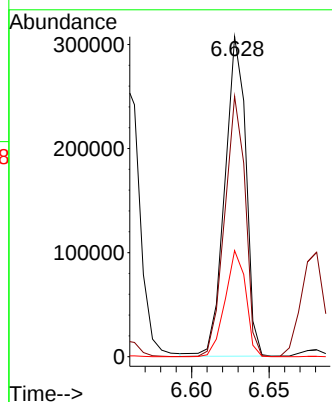
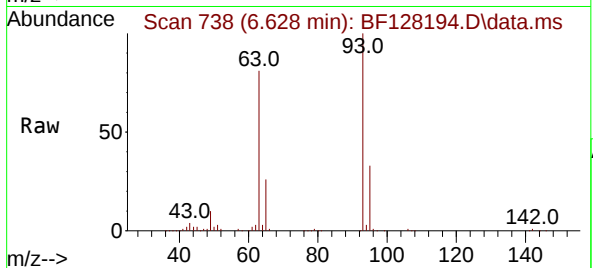




#11
bis(2-Chloroethyl)ether
Concen: 41.171 ng
RT: 6.628 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

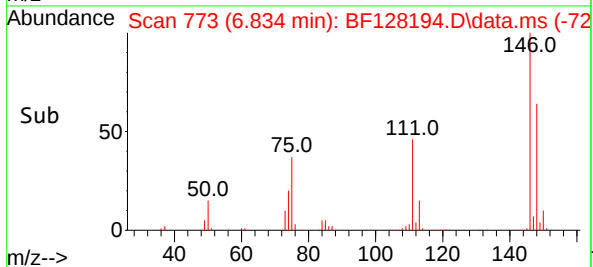
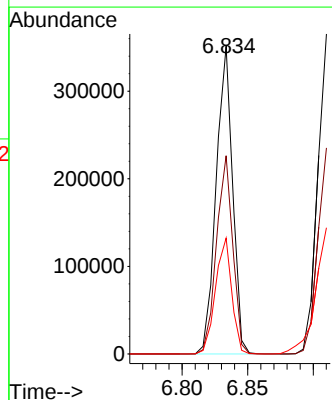
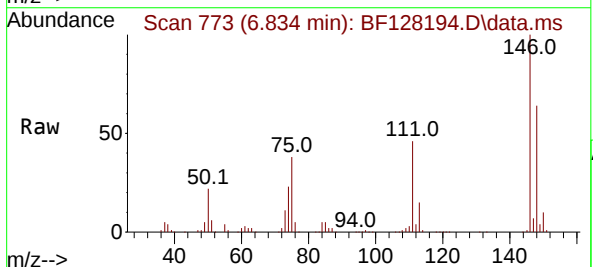
Instrument :
BNA_F
ClientSampleId :
PB144740BS

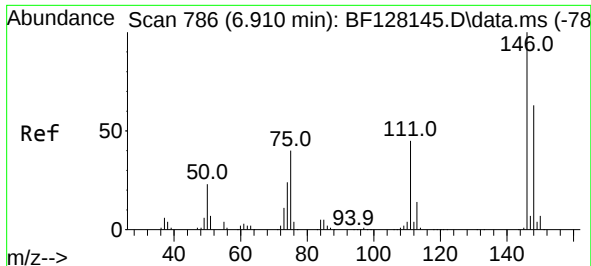
Tgt Ion: 93 Resp: 291166
Ion Ratio Lower Upper
93 100
63 81.4 58.6 98.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.402 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 146 Resp: 305819
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
75 37.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.129 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

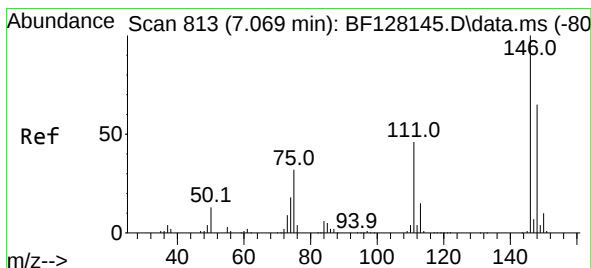
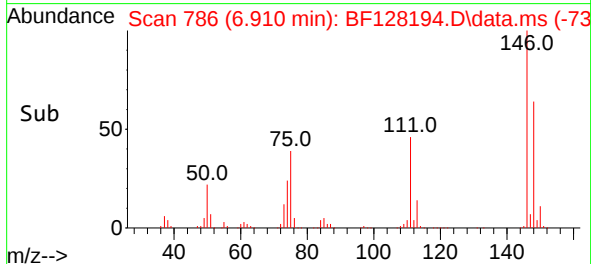
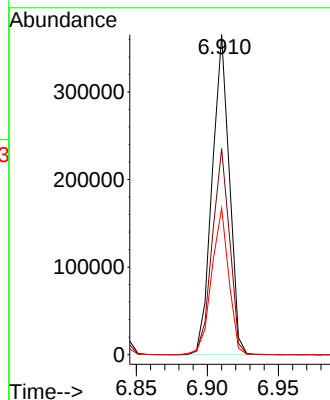
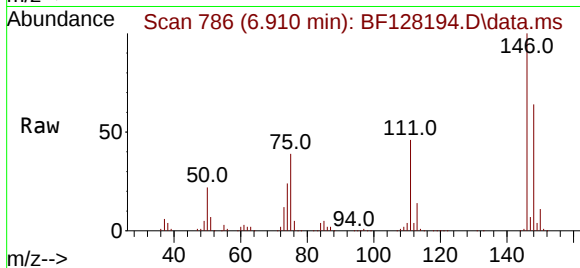
Tgt Ion:146 Resp: 306870

Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

111 45.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.414 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

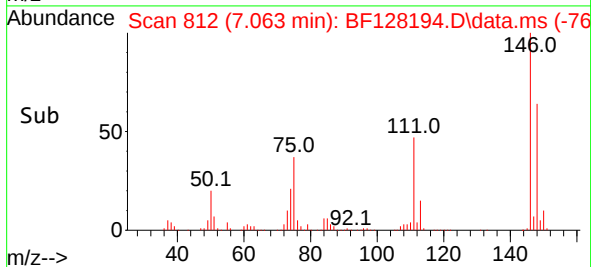
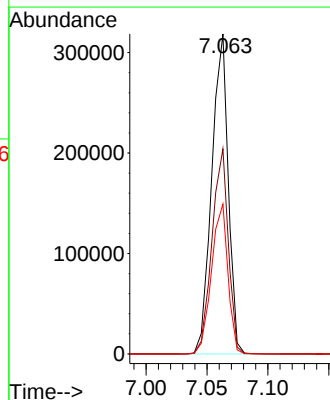
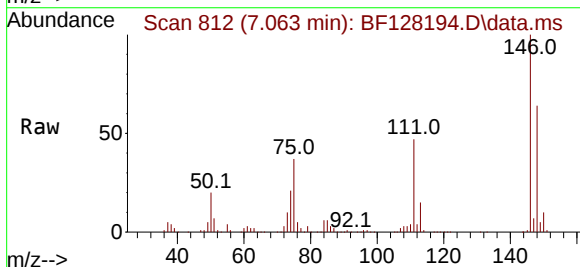
Tgt Ion:146 Resp: 298679

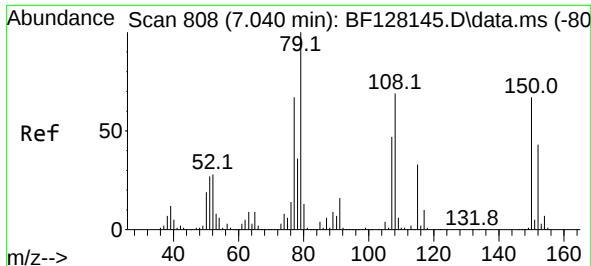
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 46.8 36.6 55.0





#15

Benzyl Alcohol

Concen: 40.179 ng

RT: 7.039 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

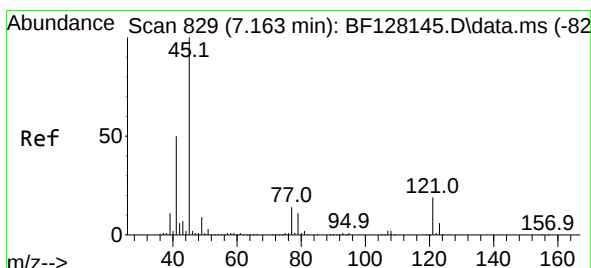
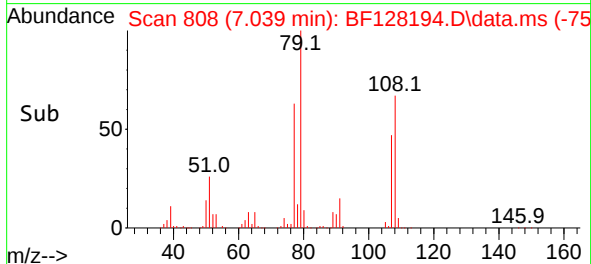
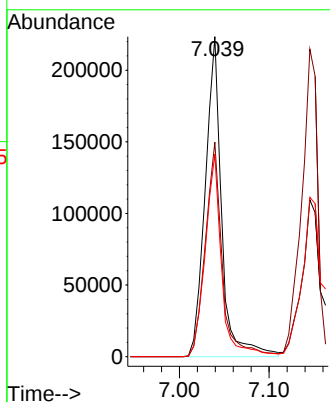
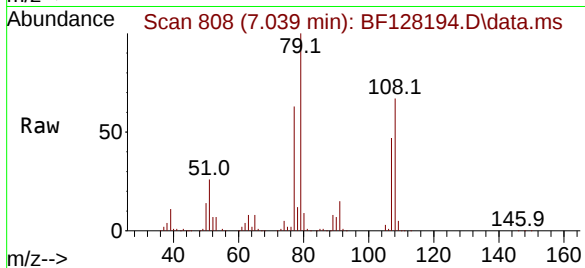
Tgt Ion: 79 Resp: 284329

Ion Ratio Lower Upper

79 100

108 67.1 57.0 85.6

77 63.2 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.804 ng

RT: 7.163 min Scan# 829

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

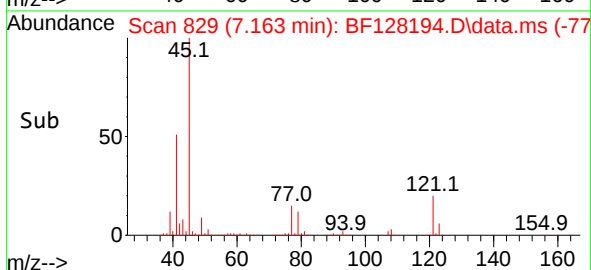
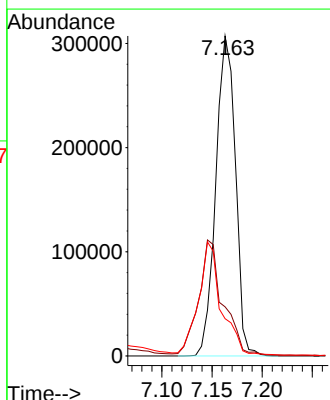
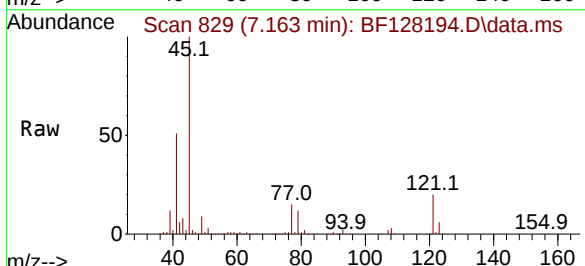
Tgt Ion: 45 Resp: 417431

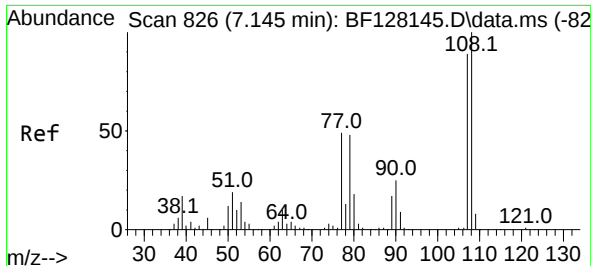
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.9

79 11.7 0.0 31.6

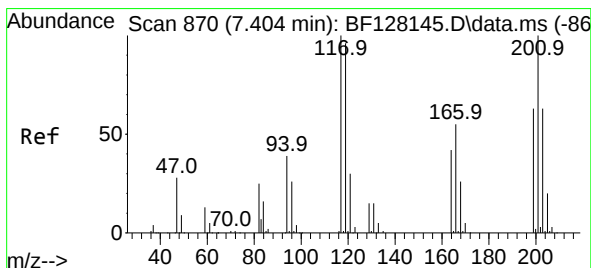
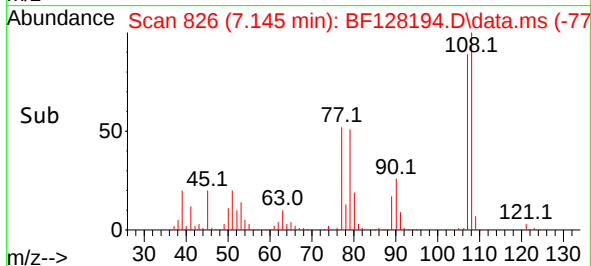
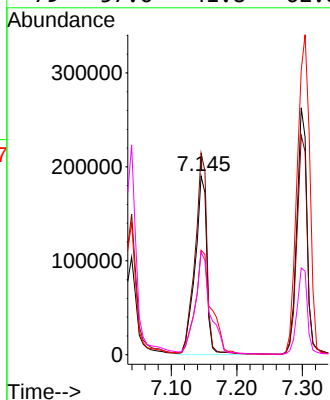
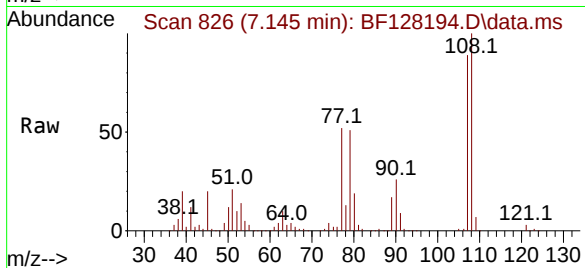




#17
2-Methylphenol
Concen: 41.298 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

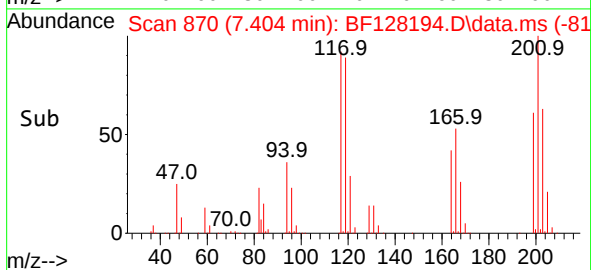
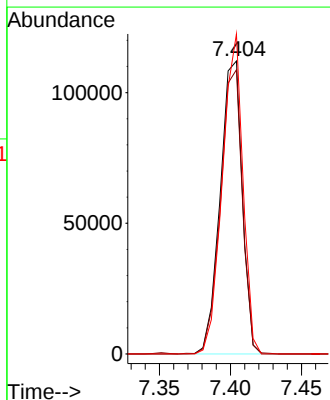
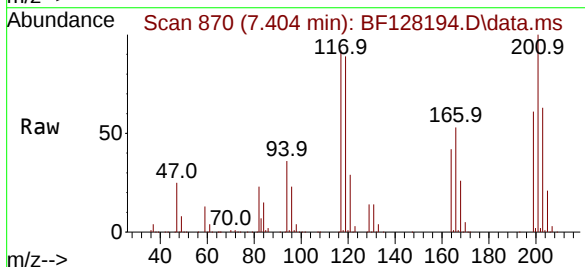
Instrument :
BNA_F
ClientSampleId :
PB144740BS

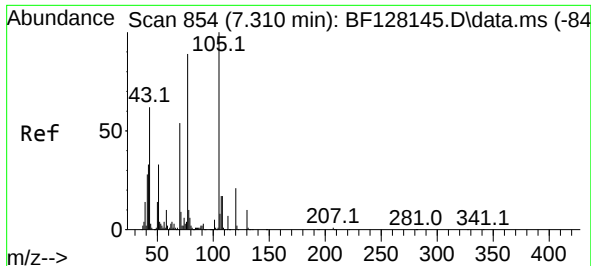
Tgt Ion:107 Resp: 241601
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 58.5 41.9 62.9
79 57.6 41.8 62.8



#18
Hexachloroethane
Concen: 40.911 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:117 Resp: 121215
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4
201 109.2 84.4 126.6



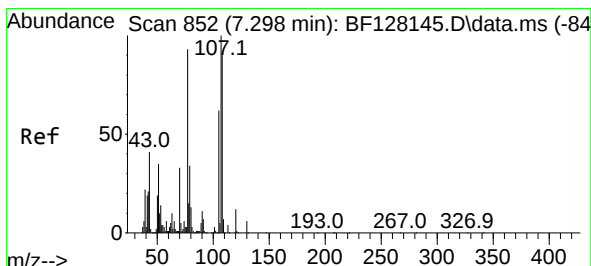
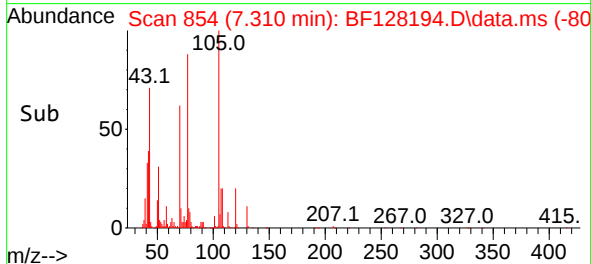
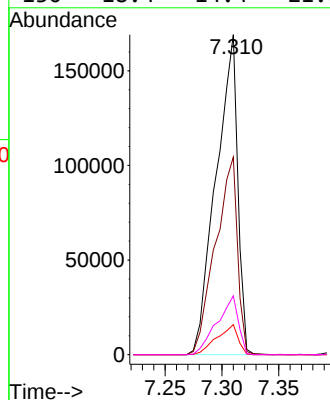
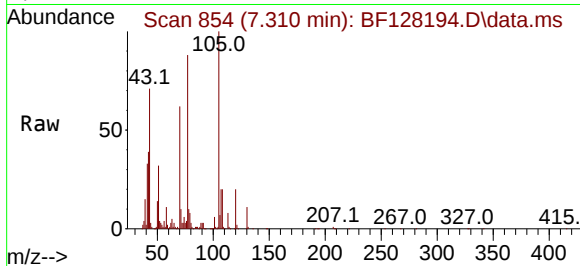


#19
n-Nitroso-di-n-propylamine
Concen: 40.570 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB144740BS

Tgt Ion: 70 Resp: 223722

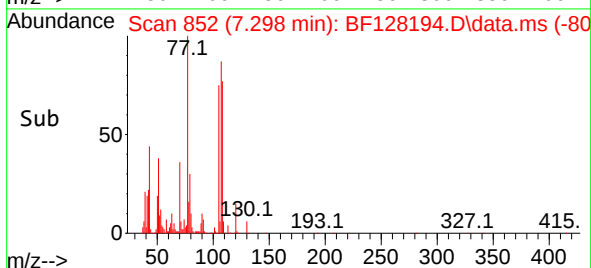
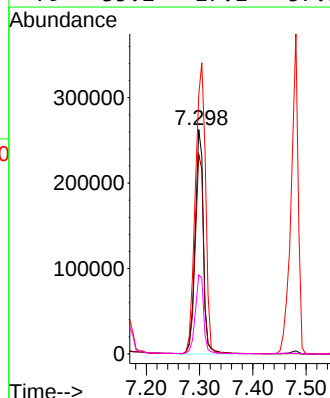
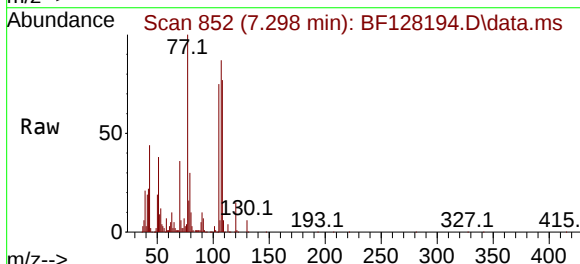
Ion	Ratio	Lower	Upper
70	100		
42	61.7	48.7	73.1
101	9.4	7.2	10.8
130	18.4	14.4	21.6

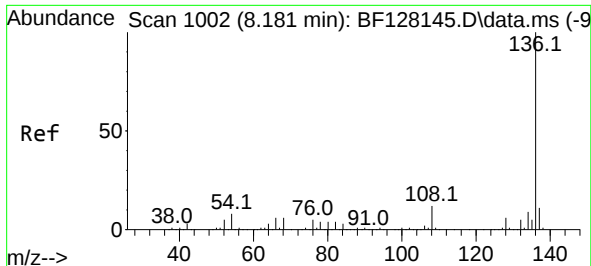


#20
3+4-Methylphenols
Concen: 39.647 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 107 Resp: 287184

Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.4	113.4
77	115.3	71.1	111.1#
79	35.2	17.1	57.1

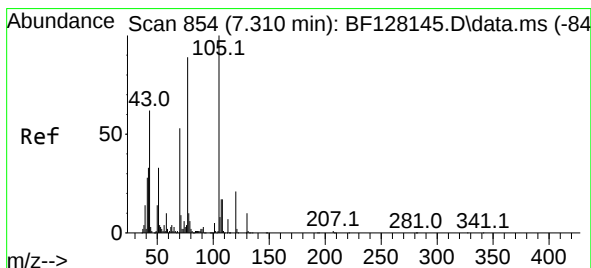
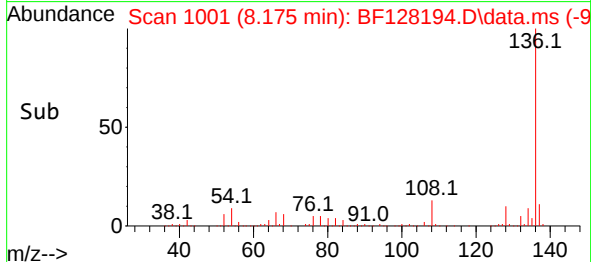
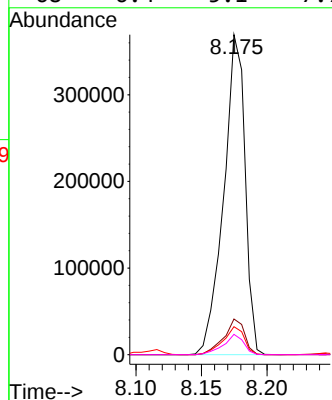
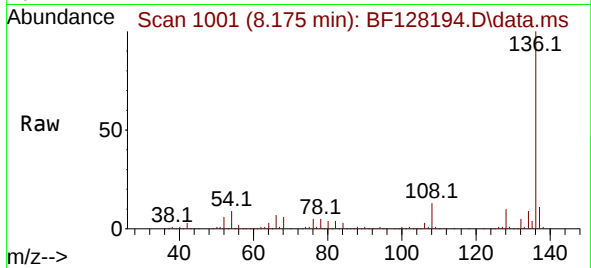




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

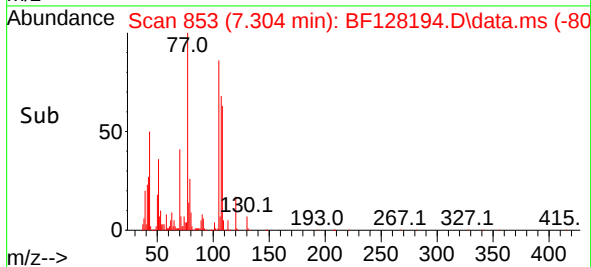
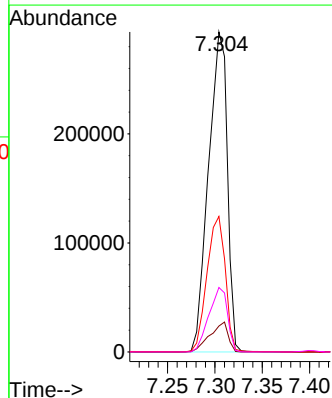
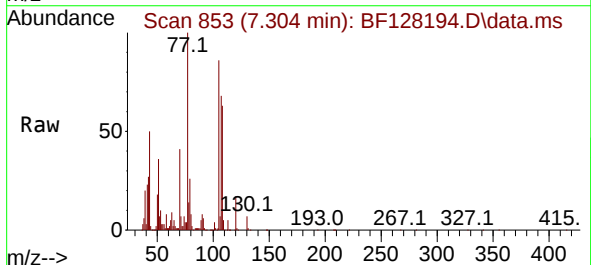
Instrument :
BNA_F
ClientSampleId :
PB144740BS

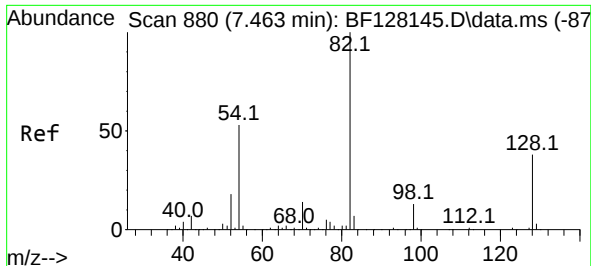
Tgt Ion:136	Resp: 418207
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 8.8	6.8 10.2
68 6.4	5.1 7.7



#22
Acetophenone
Concen: 38.908 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion	105	Resp: 405177	
	Ratio	Lower	Upper
105	100		
71	8.1	7.3	10.9
51	42.4	23.7	35.5#
120	20.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 75.838 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

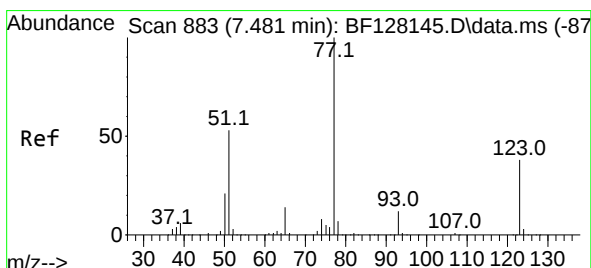
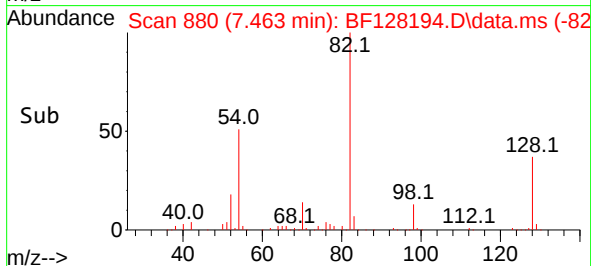
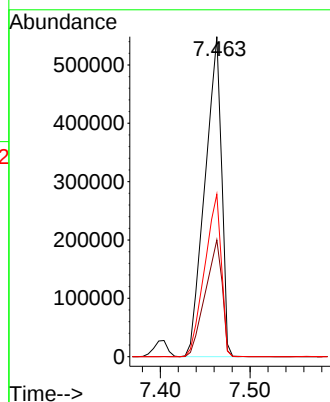
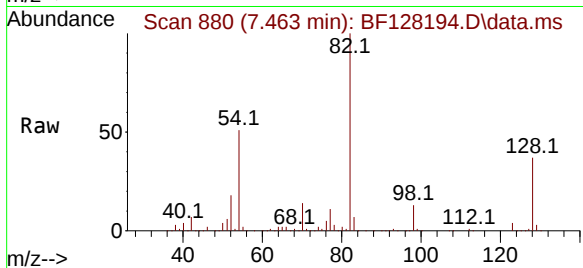
Tgt Ion: 82 Resp: 704849

Ion Ratio Lower Upper

82 100

128 36.5 30.0 45.0

54 50.7 41.3 61.9



#24

Nitrobenzene

Concen: 40.469 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

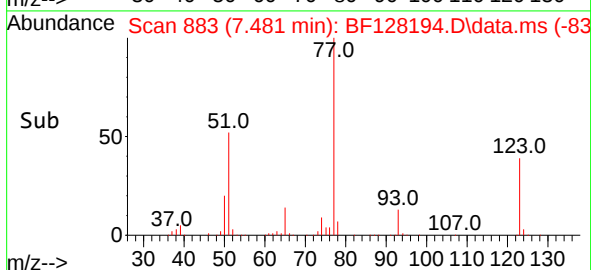
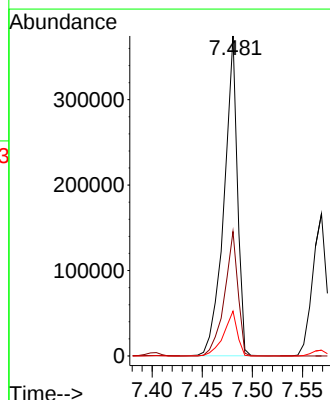
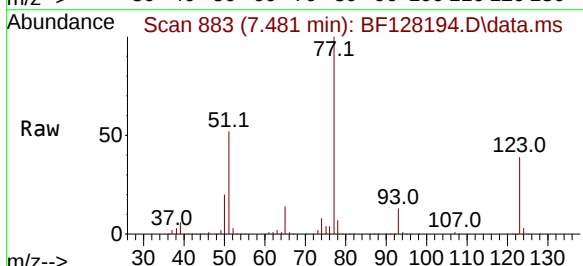
Tgt Ion: 77 Resp: 347139

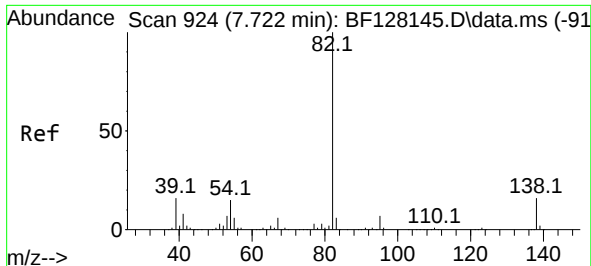
Ion Ratio Lower Upper

77 100

123 38.9 32.0 48.0

65 14.0 11.0 16.6

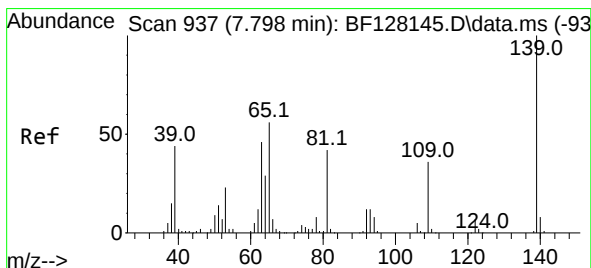
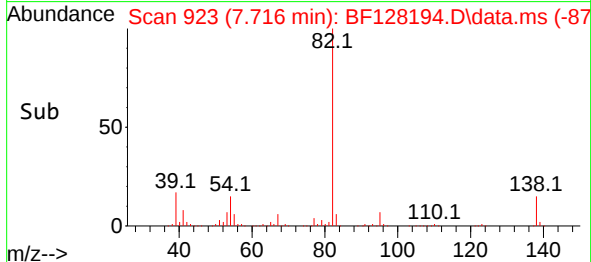
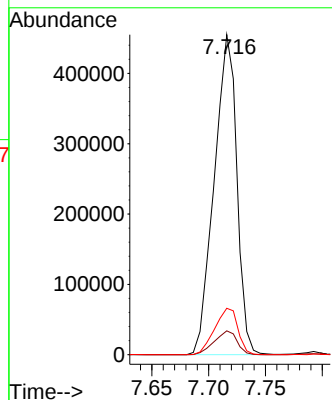
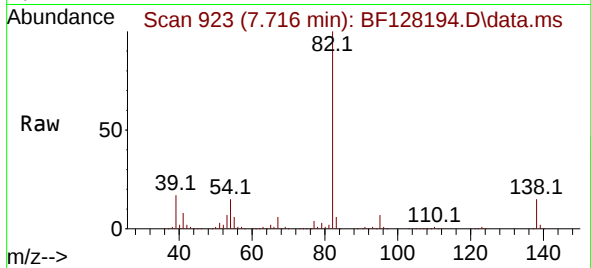




#25
Isophorone
Concen: 43.312 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

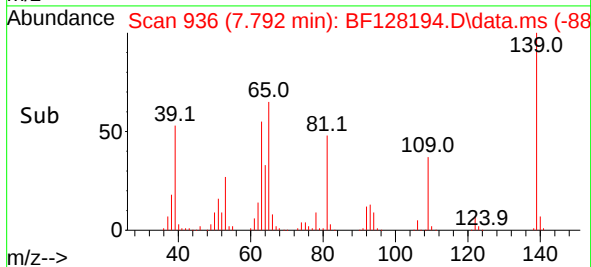
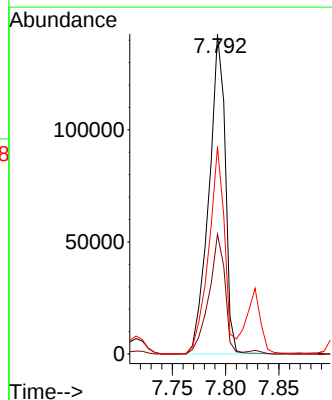
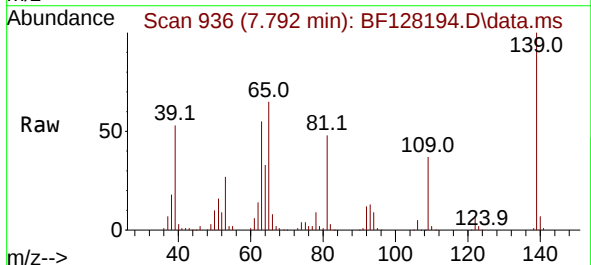
Instrument :
BNA_F
ClientSampleId :
PB144740BS

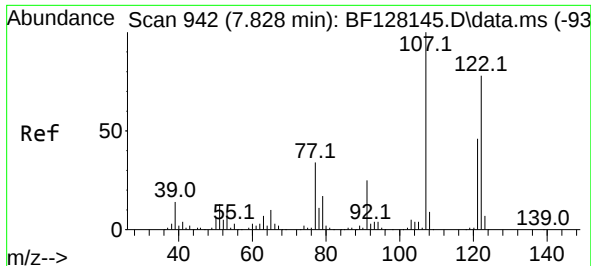
Tgt Ion: 82 Resp: 631097
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 14.5 12.5 18.7



#26
2-Nitrophenol
Concen: 40.602 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 139 Resp: 152931
Ion Ratio Lower Upper
139 100
109 37.4 27.4 41.2
65 64.8 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 44.793 ng

RT: 7.828 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

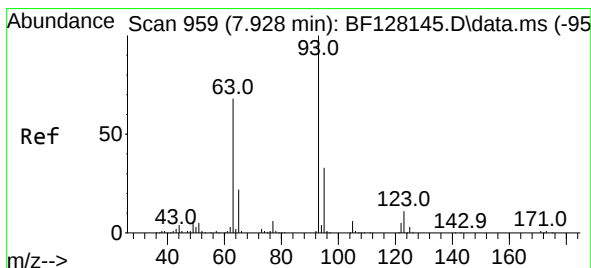
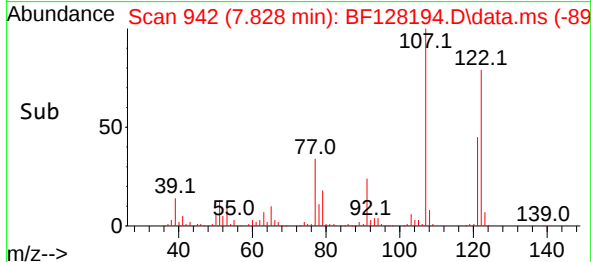
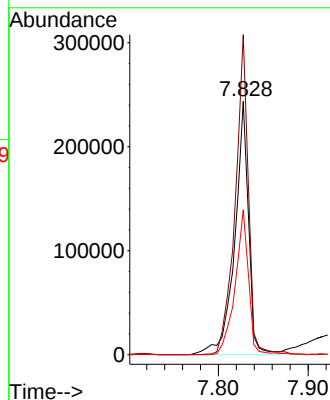
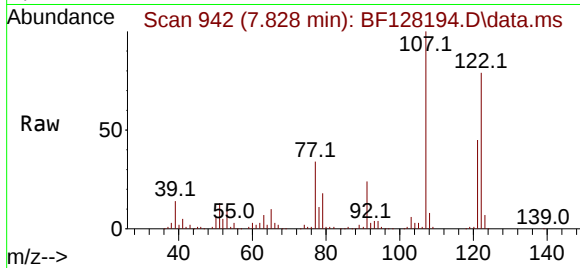
Tgt Ion:122 Resp: 260055

Ion Ratio Lower Upper

122 100

107 126.3 97.5 146.3

121 57.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.262 ng

RT: 7.922 min Scan# 958

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

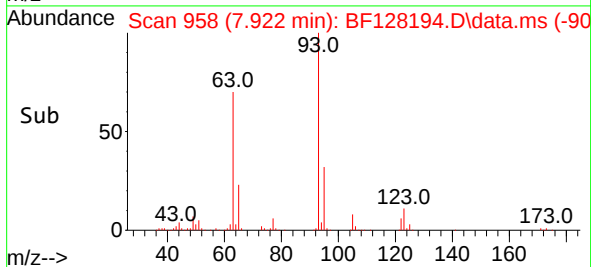
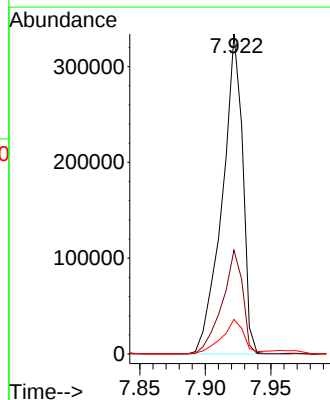
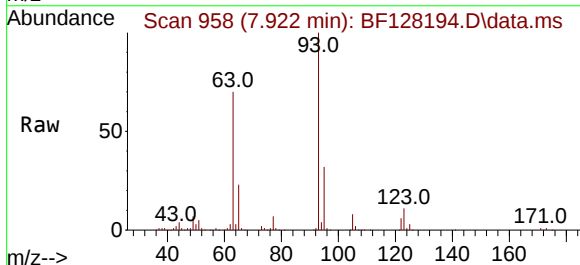
Tgt Ion: 93 Resp: 361629

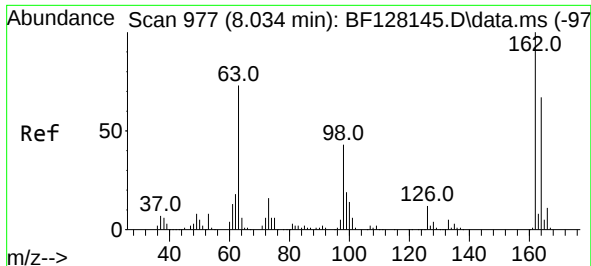
Ion Ratio Lower Upper

93 100

95 32.4 25.7 38.5

123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 39.892 ng

RT: 8.034 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

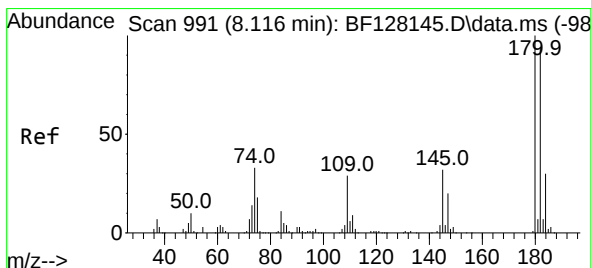
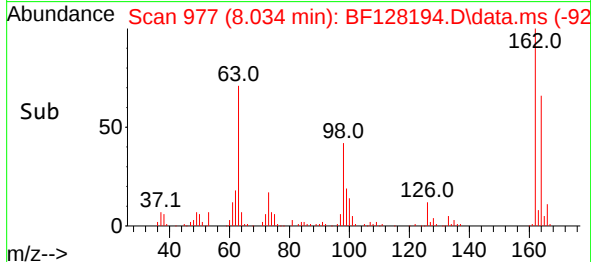
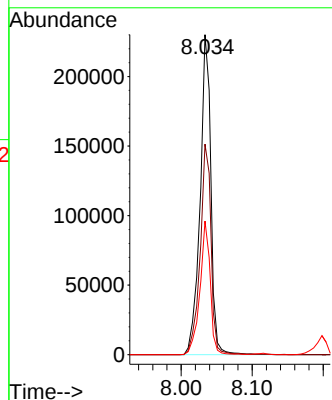
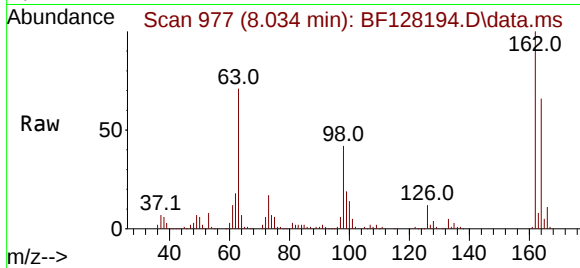
Tgt Ion:162 Resp: 243485

Ion Ratio Lower Upper

162 100

164 65.8 47.1 87.1

98 41.8 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 39.133 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

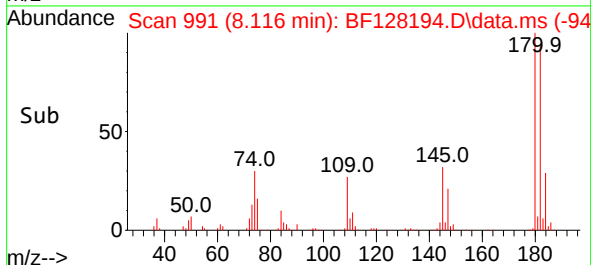
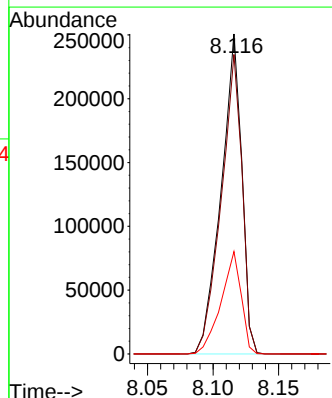
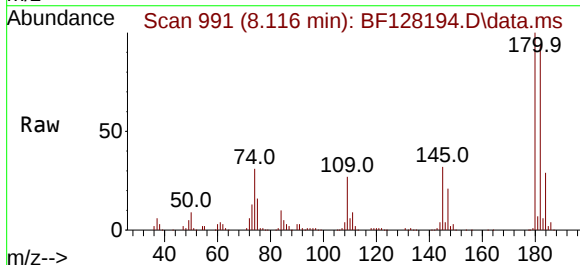
Tgt Ion:180 Resp: 273747

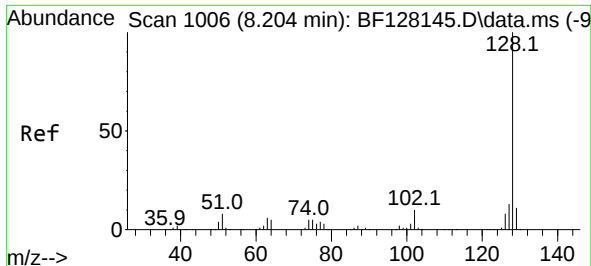
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 32.0 25.1 37.7





#31

Naphthalene

Concen: 39.136 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

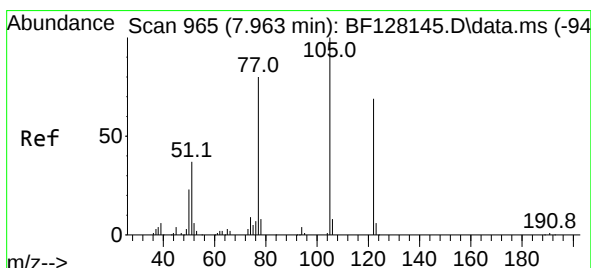
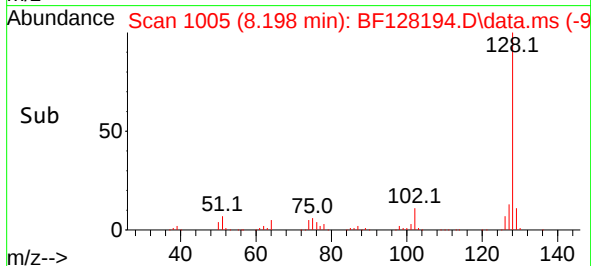
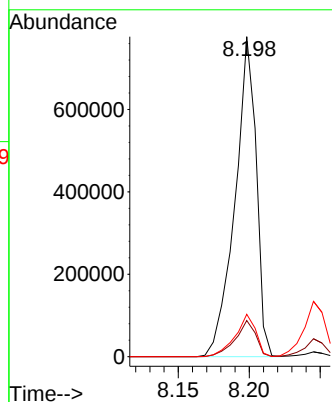
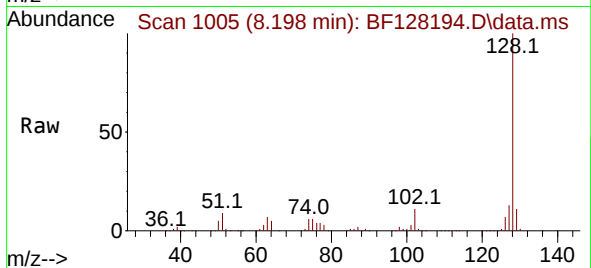
Tgt Ion:128 Resp: 808324

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 35.397 ng

RT: 7.969 min Scan# 966

Delta R.T. 0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

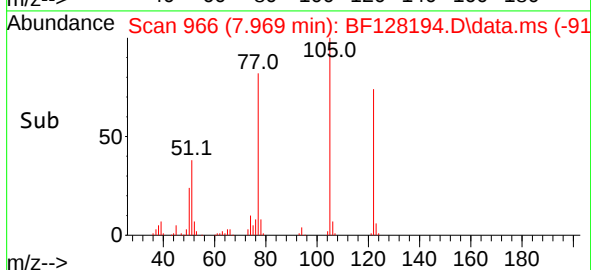
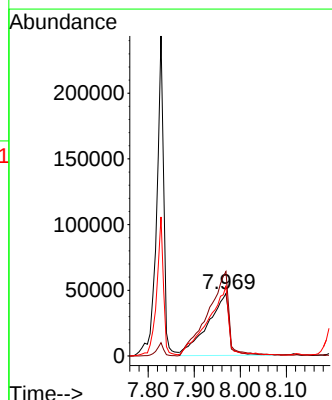
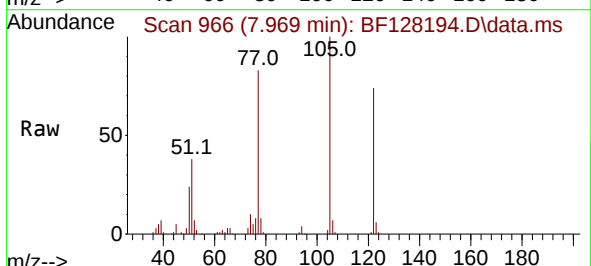
Tgt Ion:122 Resp: 153685

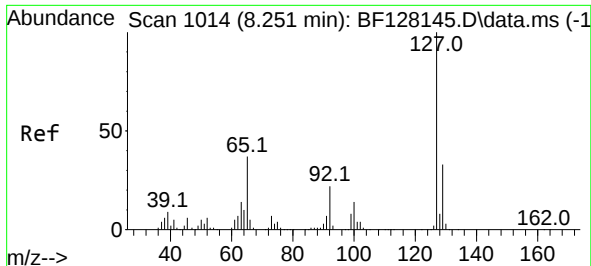
Ion Ratio Lower Upper

122 100

105 135.4 107.9 147.9

77 111.8 82.5 122.5

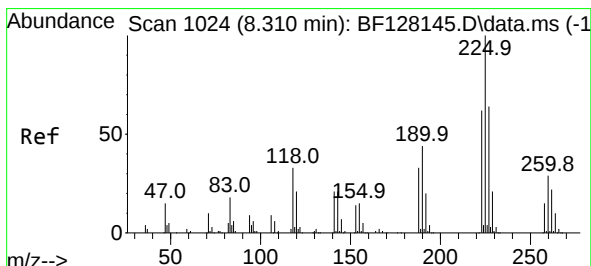
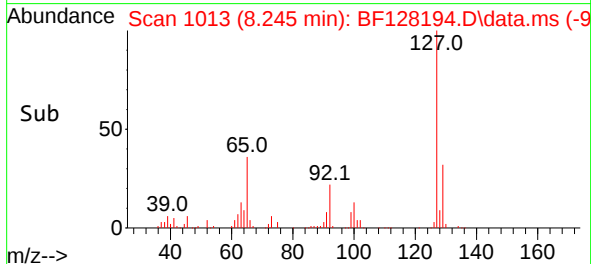
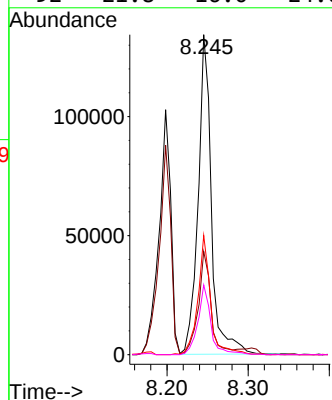
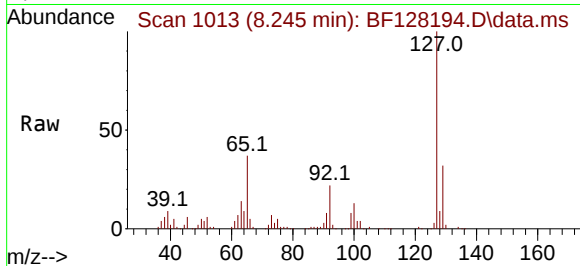




#33
4-Chloroaniline
Concen: 18.761 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

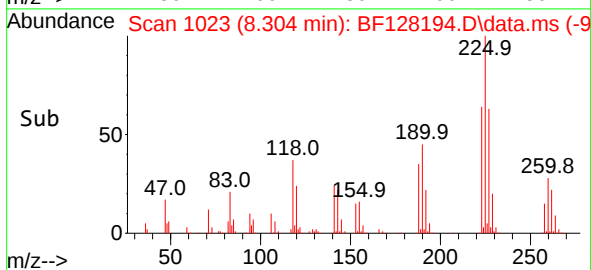
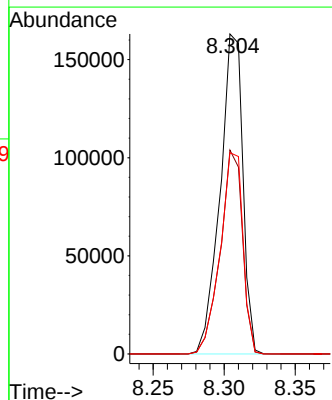
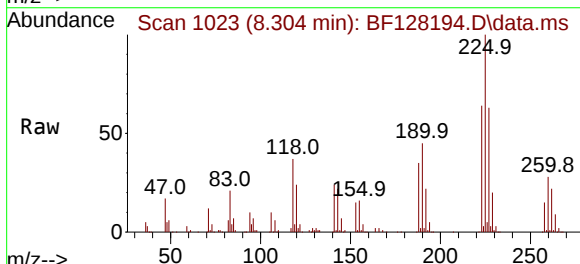
Instrument :
BNA_F
ClientSampleId :
PB144740BS

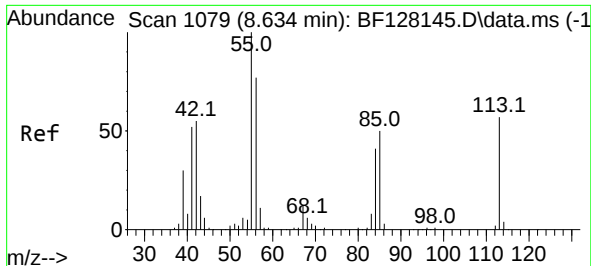
Tgt Ion:	127	Resp:	153825
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.8	38.8
65	37.3	26.7	40.1
92	21.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 38.580 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:	225	Resp:	181220
Ion Ratio	Lower	Upper	
225	100		
223	63.7	52.0	78.0
227	62.9	50.7	76.1

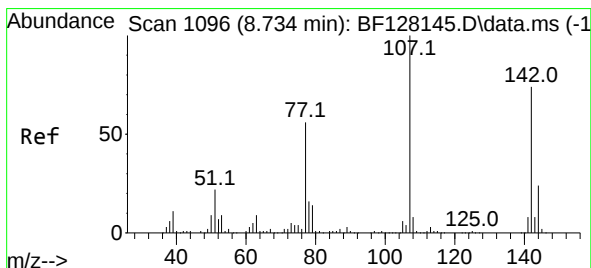
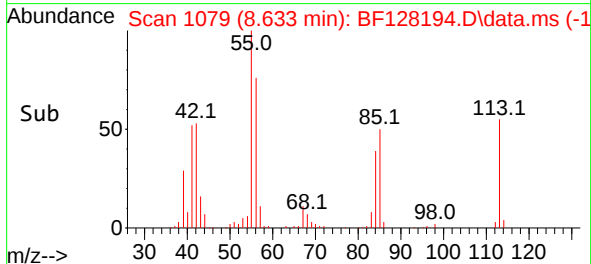
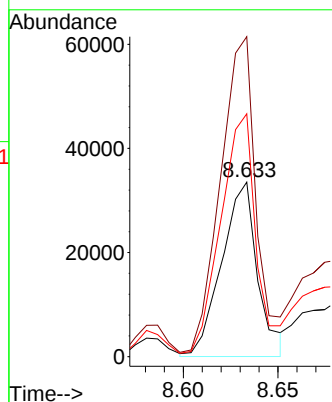
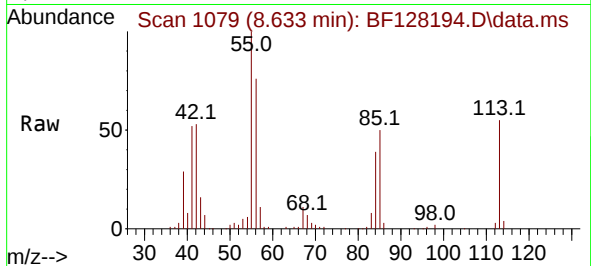




#35
 Caprolactam
 Concen: 22.115 ng
 RT: 8.633 min Scan# 1079
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

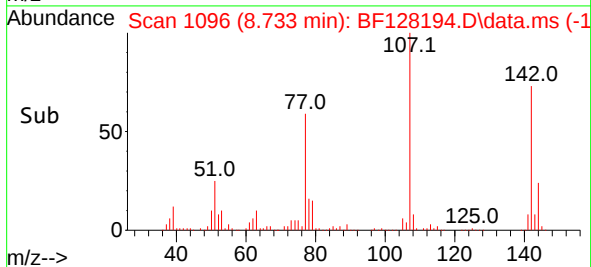
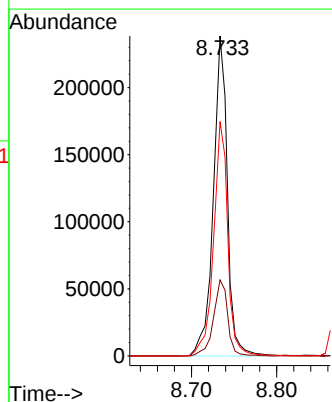
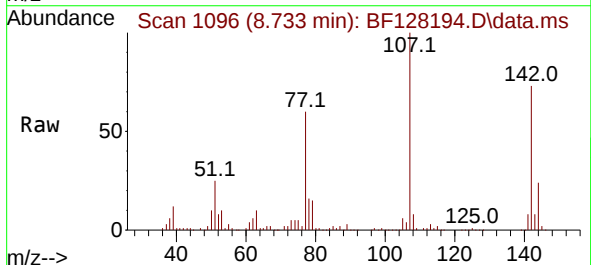
Instrument :
 BNA_F
 ClientSampleId :
 PB144740BS

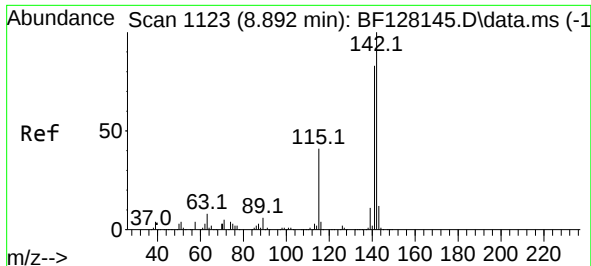
Tgt Ion:113 Resp: 44061
 Ion Ratio Lower Upper
 113 100
 55 183.3 157.4 197.4
 56 139.1 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.112 ng
 RT: 8.733 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

Tgt Ion:107 Resp: 273554
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.2 30.4
 142 73.3 61.5 92.3





#37

2-Methylnaphthalene

Concen: 39.023 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

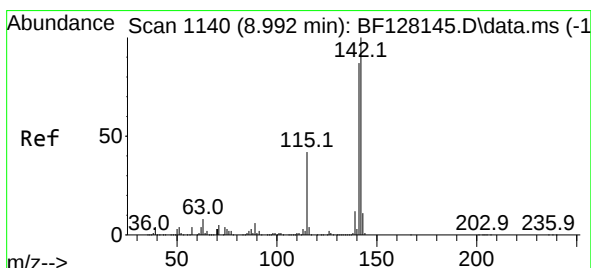
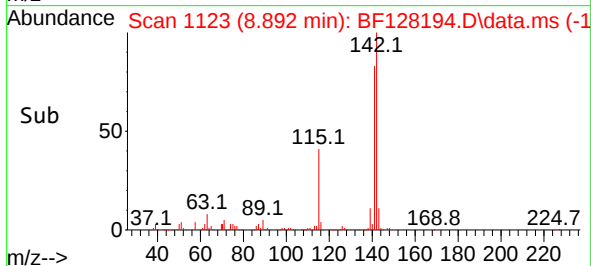
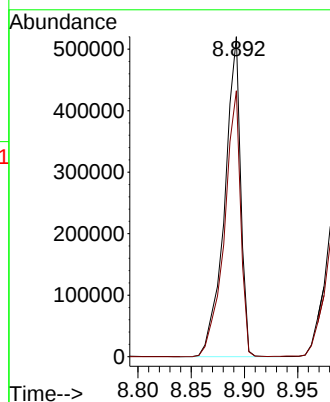
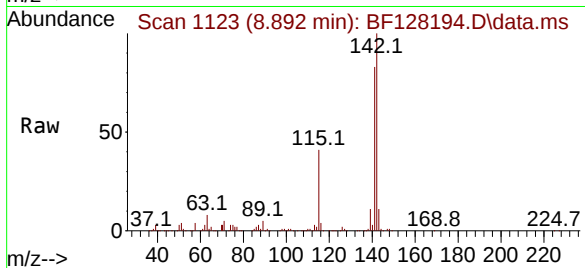
PB144740BS

Tgt Ion:142 Resp: 543397

Ion Ratio Lower Upper

142 100

141 83.1 67.4 101.2



#38

1-Methylnaphthalene

Concen: 38.965 ng

RT: 8.992 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF128194.D

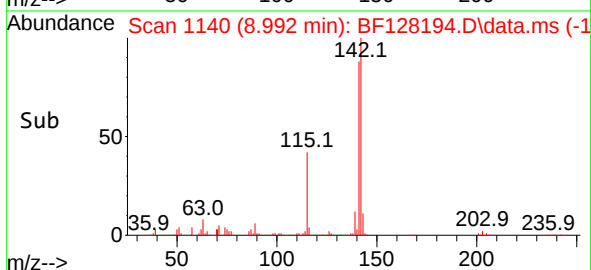
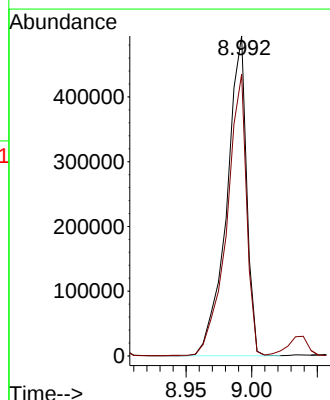
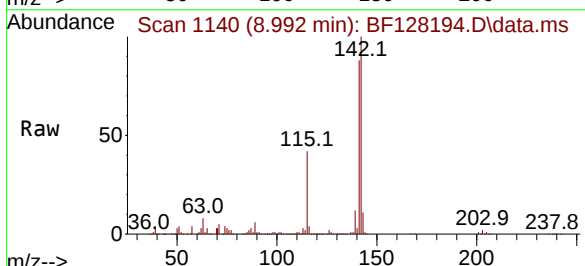
Acq: 11 May 2022 14:49

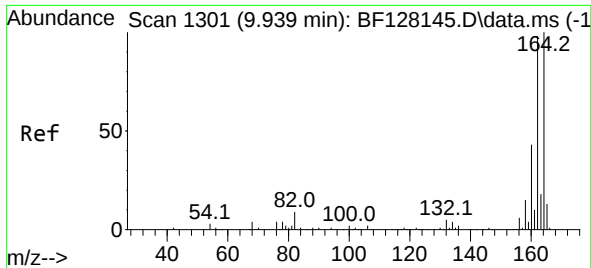
Tgt Ion:142 Resp: 521129

Ion Ratio Lower Upper

142 100

141 88.1 70.1 105.1

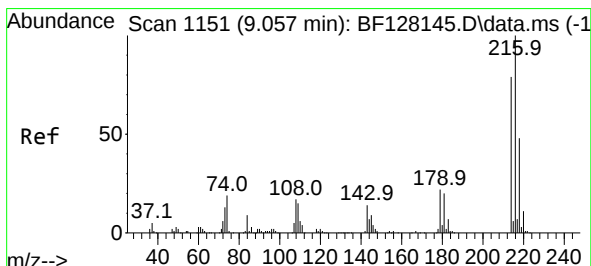
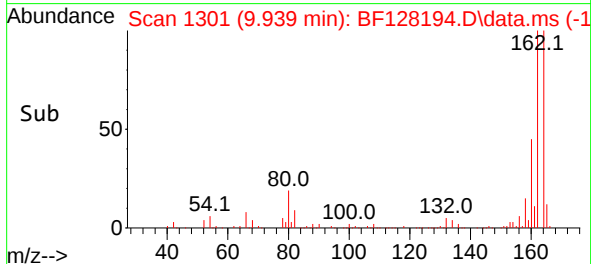
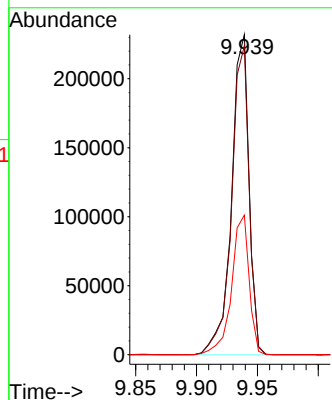
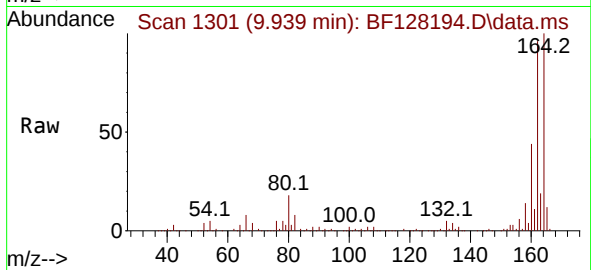




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

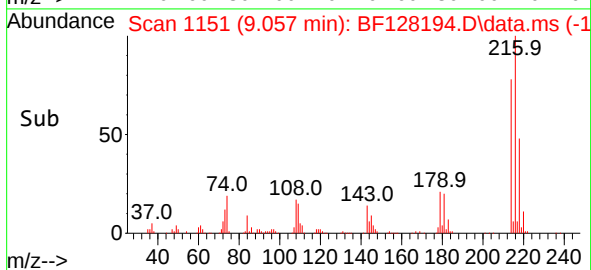
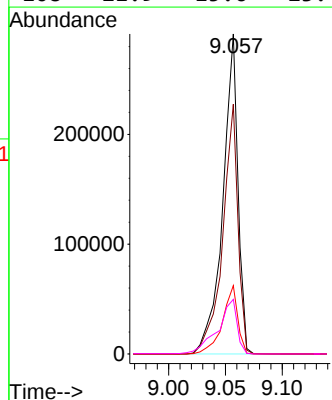
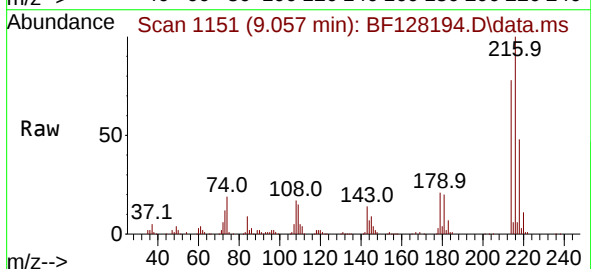
Instrument :
BNA_F
ClientSampleId :
PB144740BS

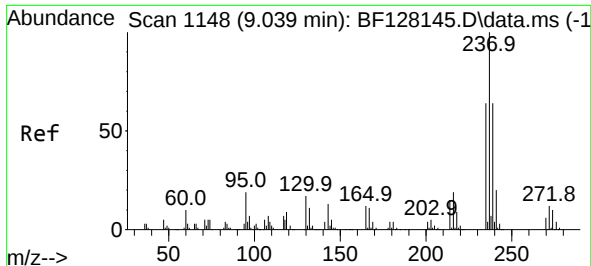
Tgt Ion:164 Resp: 232195
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.6 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.588 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:216 Resp: 271147
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 21.5 16.9 25.3
108 21.9 15.6 23.4

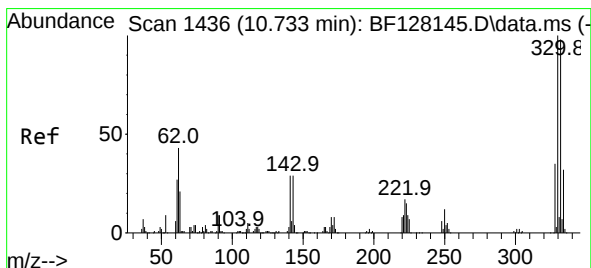
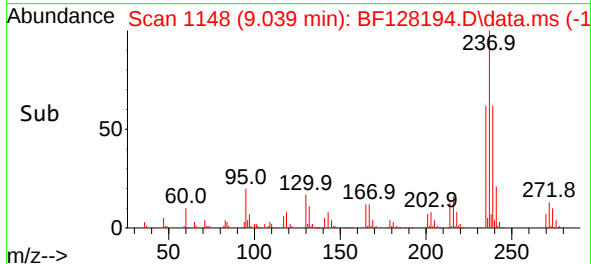
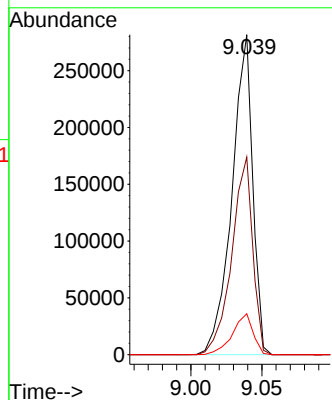
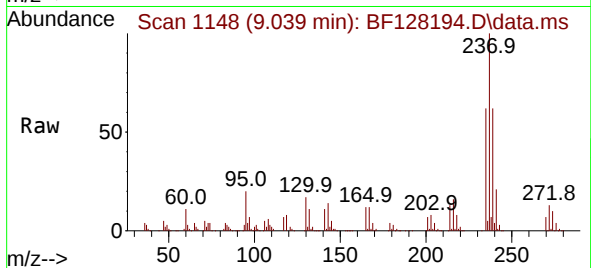




#41
Hexachlorocyclopentadiene
Concen: 90.690 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

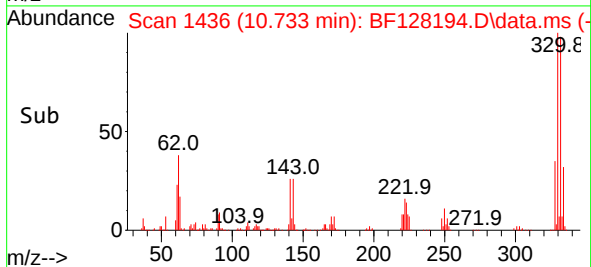
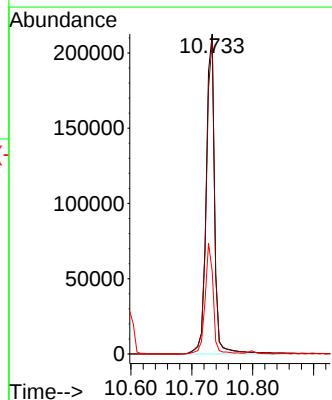
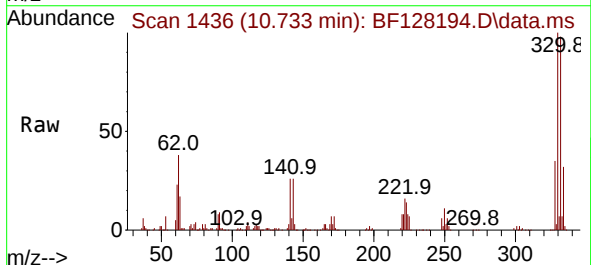
Instrument :
BNA_F
ClientSampleId :
PB144740BS

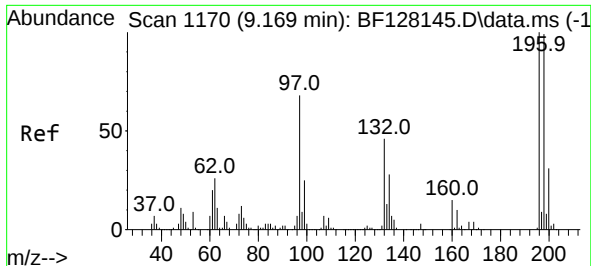
Tgt Ion:237 Resp: 286183
Ion Ratio Lower Upper
237 100
235 61.7 43.6 83.6
272 12.8 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 76.884 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:330 Resp: 204741
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.2 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 39.302 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

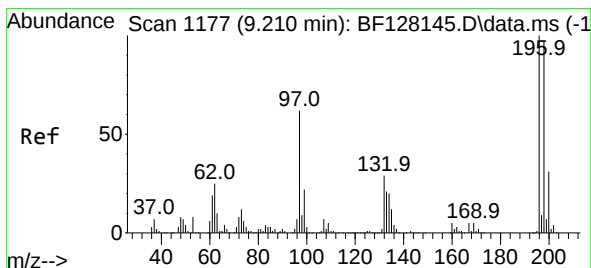
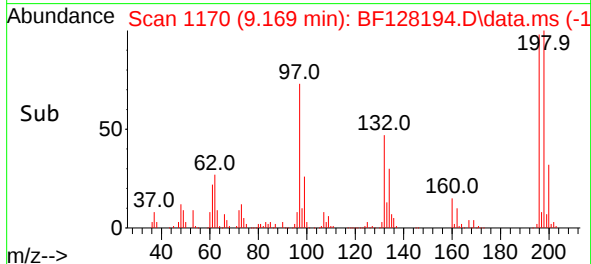
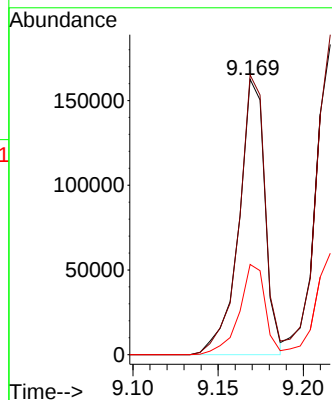
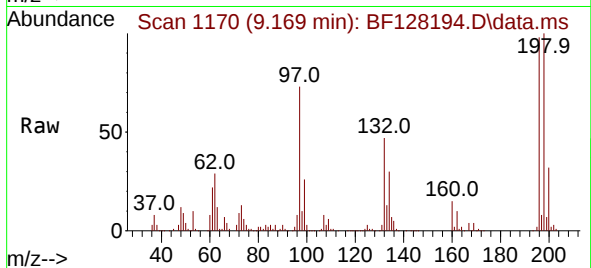
Tgt Ion:196 Resp: 173426

Ion Ratio Lower Upper

196 100

198 101.6 80.4 120.6

200 32.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 39.608 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Tgt Ion:196 Resp: 186357

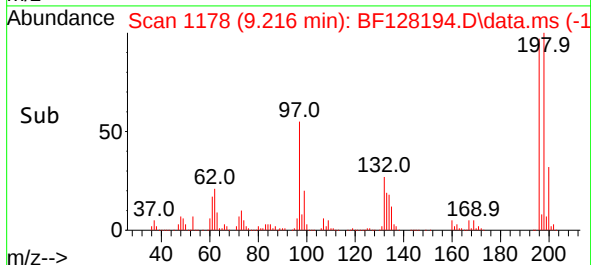
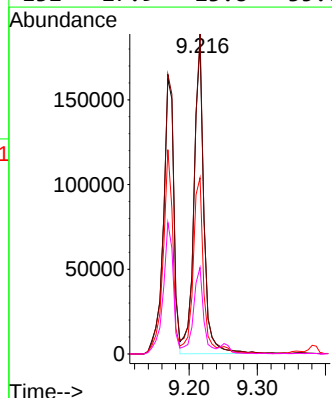
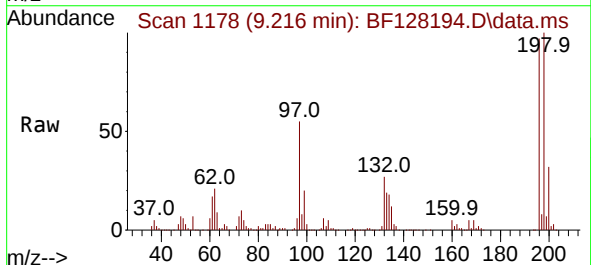
Ion Ratio Lower Upper

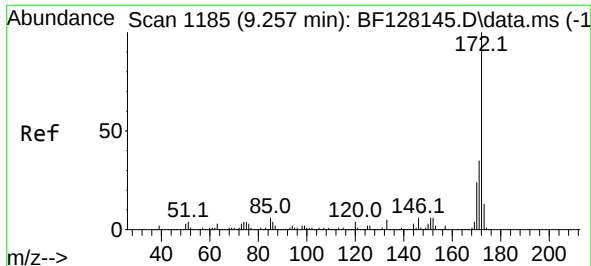
196 100

198 103.1 80.2 120.2

97 56.8 50.3 75.5

132 27.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 76.924 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

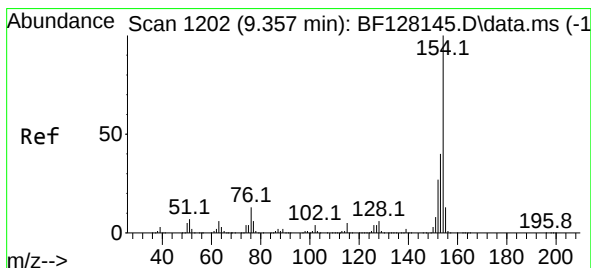
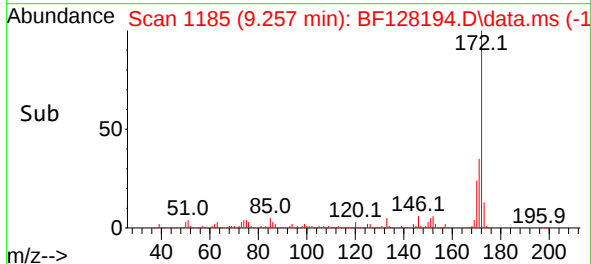
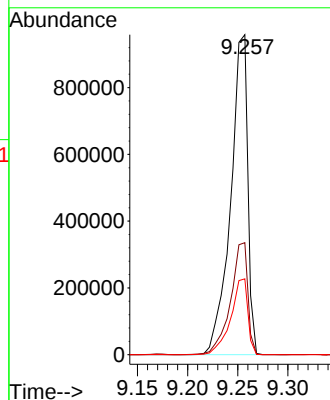
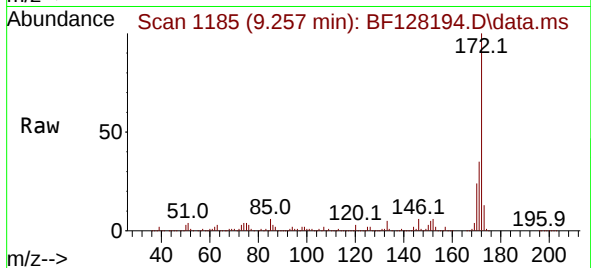
Tgt Ion:172 Resp: 1141522

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.669 ng

RT: 9.357 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

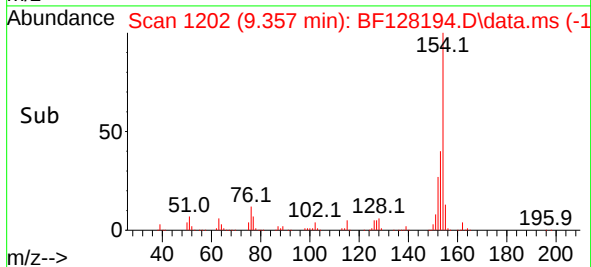
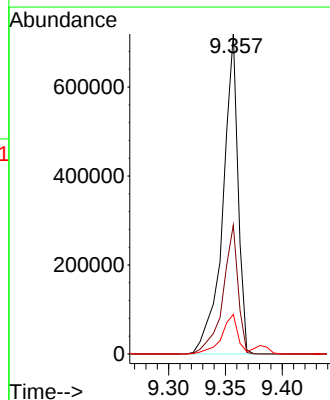
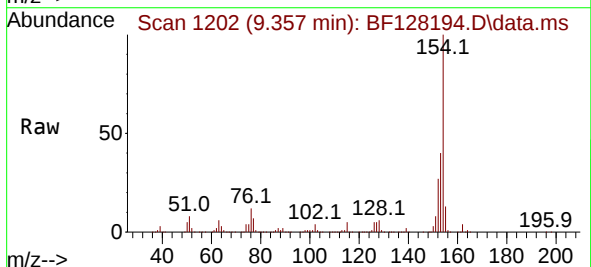
Tgt Ion:154 Resp: 670566

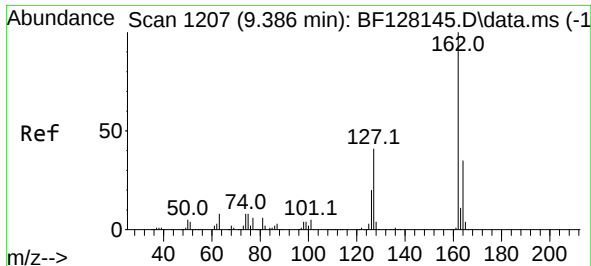
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 12.4 0.0 33.2

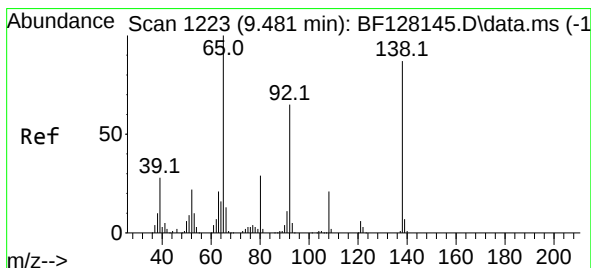
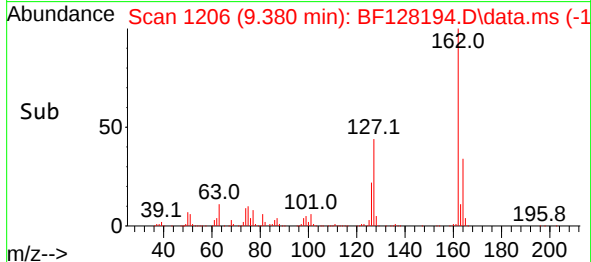
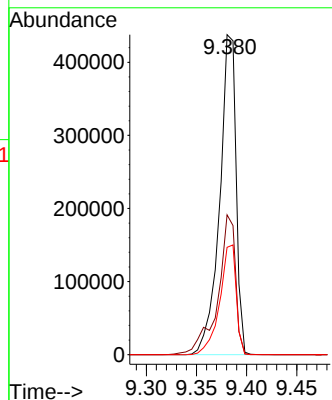
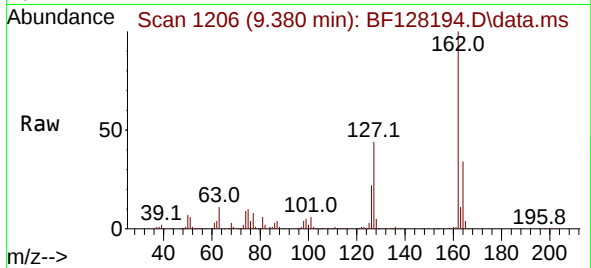




#47
2-Chloronaphthalene
Concen: 39.815 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

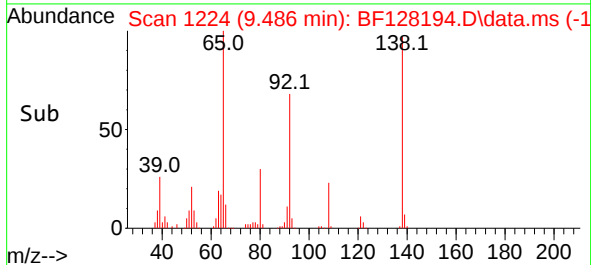
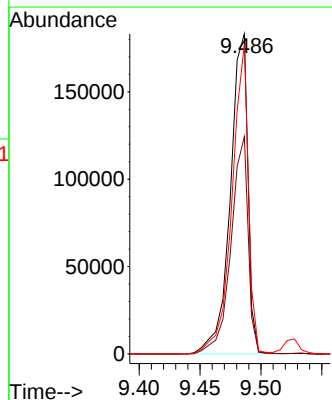
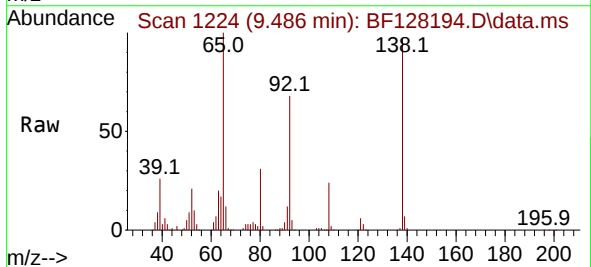
Instrument :
BNA_F
ClientSampleId :
PB144740BS

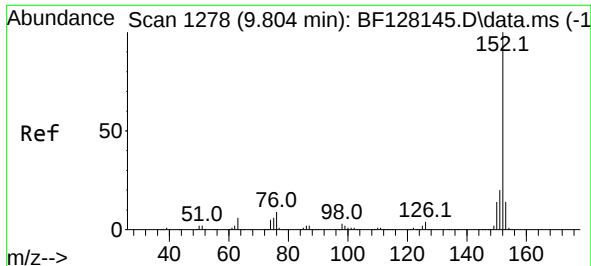
Tgt Ion:162 Resp: 498830
Ion Ratio Lower Upper
162 100
127 43.7 32.9 49.3
164 33.6 28.2 42.2



#48
2-Nitroaniline
Concen: 41.100 ng
RT: 9.486 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 65 Resp: 184616
Ion Ratio Lower Upper
65 100
92 67.9 53.7 80.5
138 96.8 76.4 114.6





#49

Acenaphthylene

Concen: 41.913 ng

RT: 9.804 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

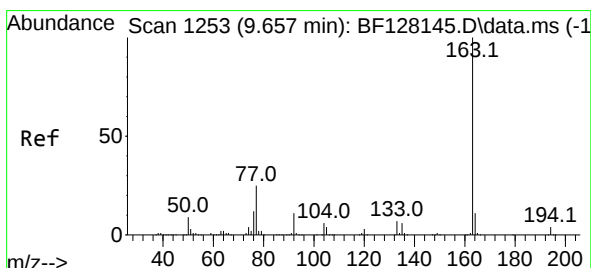
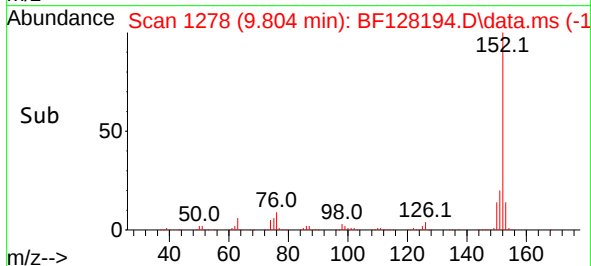
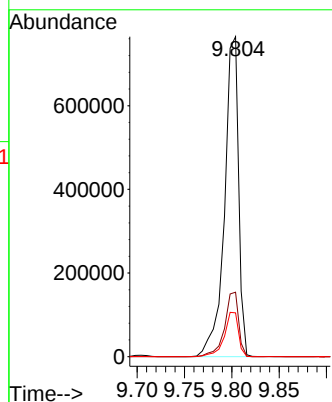
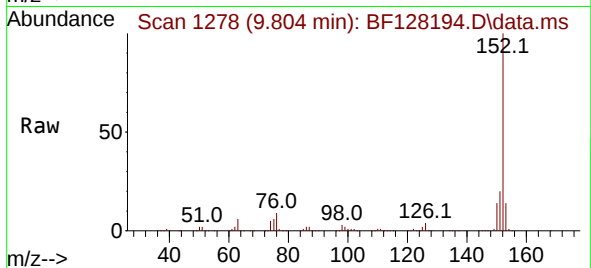
Tgt Ion:152 Resp: 794253

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.7 11.2 16.8



#50

Dimethylphthalate

Concen: 40.575 ng

RT: 9.657 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

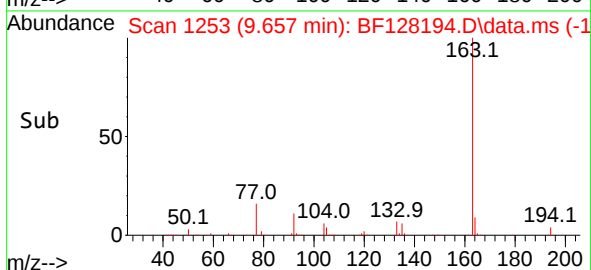
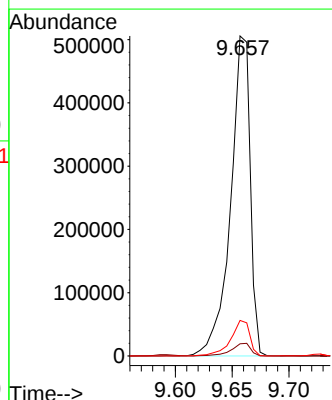
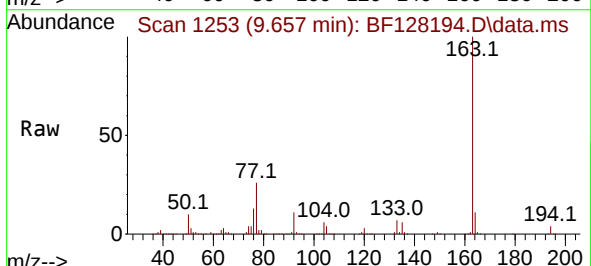
Tgt Ion:163 Resp: 607967

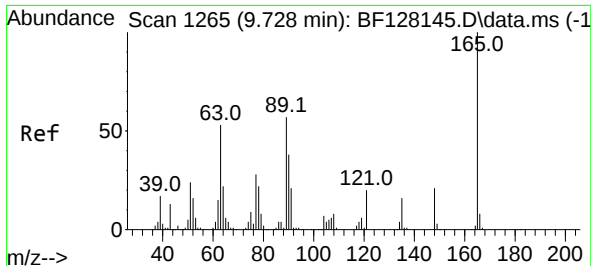
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 11.1 8.6 13.0

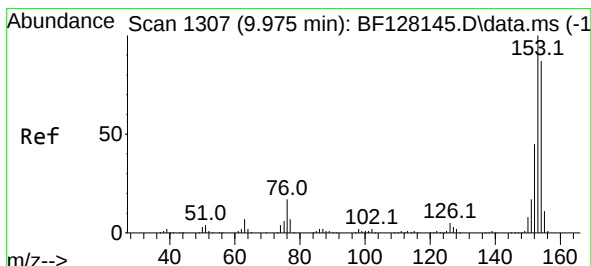
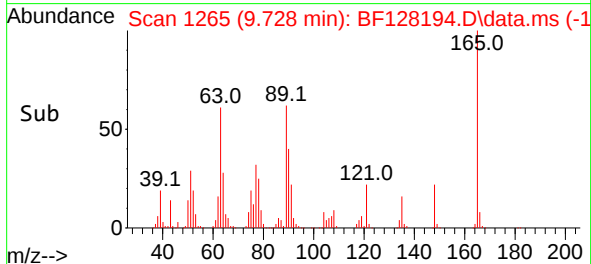
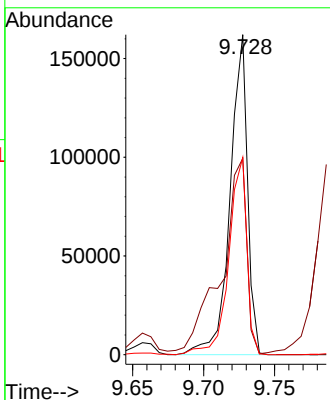
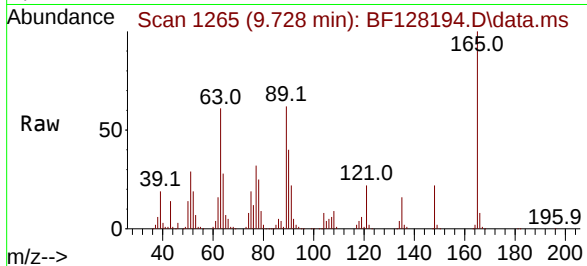




#51
2,6-Dinitrotoluene
Concen: 42.206 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

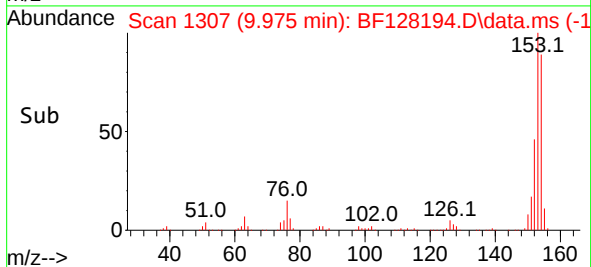
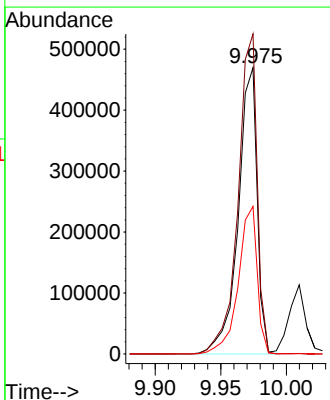
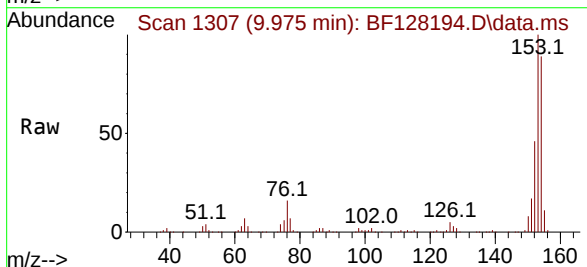
Instrument :
BNA_F
ClientSampleId :
PB144740BS

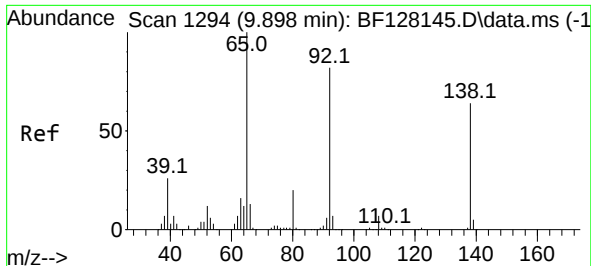
Tgt Ion:165 Resp: 138727
Ion Ratio Lower Upper
165 100
63 61.4 49.5 74.3
89 61.6 49.0 73.4



#52
Acenaphthene
Concen: 36.133 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:154 Resp: 474749
Ion Ratio Lower Upper
154 100
153 111.8 90.5 135.7
152 51.6 41.0 61.6

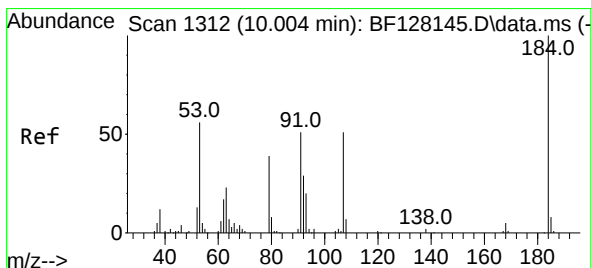
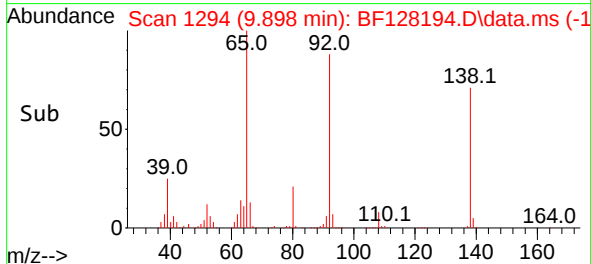
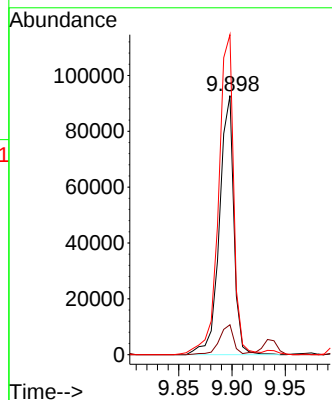
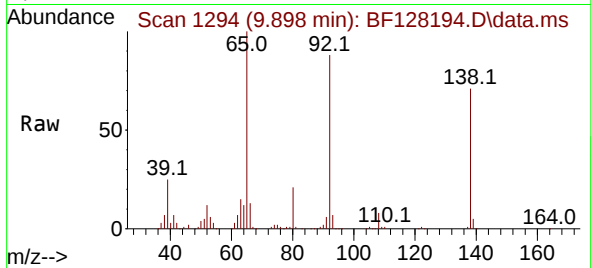




#53
3-Nitroaniline
Concen: 24.534 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

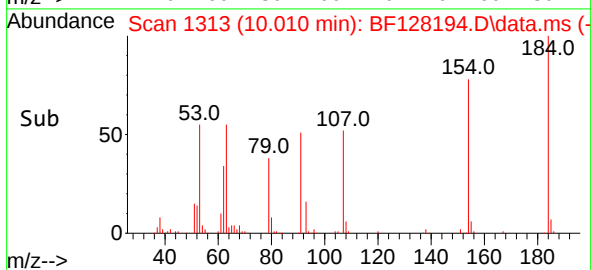
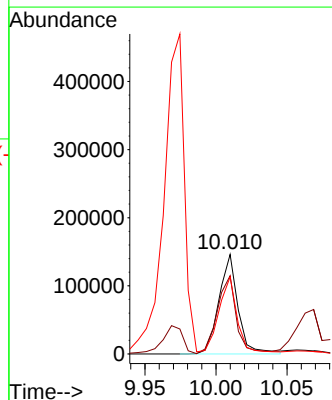
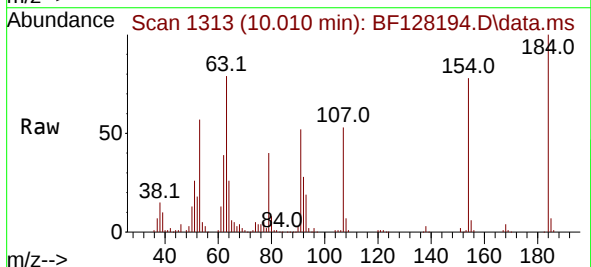
Instrument :
BNA_F
ClientSampleId :
PB144740BS

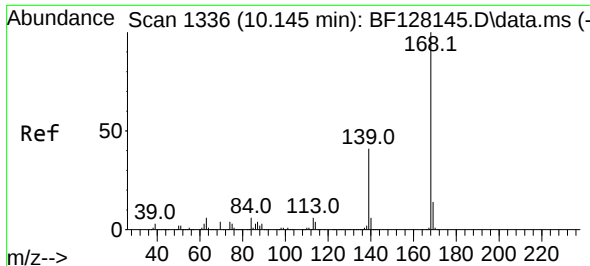
Tgt Ion:138 Resp: 87426
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 123.6 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 75.310 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:184 Resp: 136942
Ion Ratio Lower Upper
184 100
63 78.7 50.0 75.0#
154 77.5 51.7 77.5

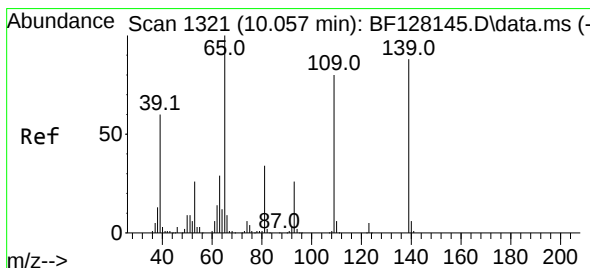
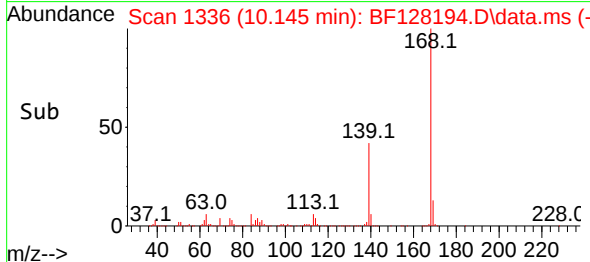
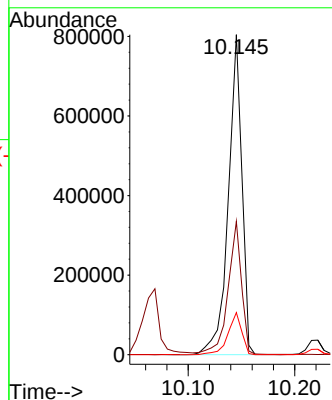
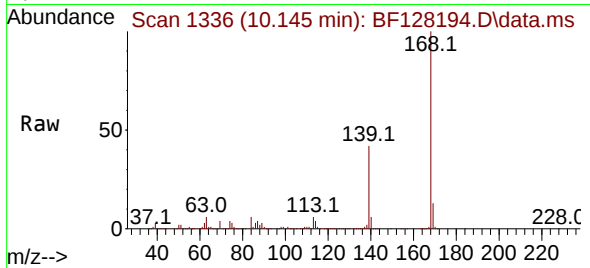




#55
Dibenzofuran
Concen: 38.155 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

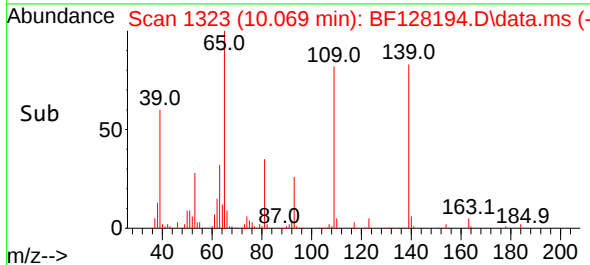
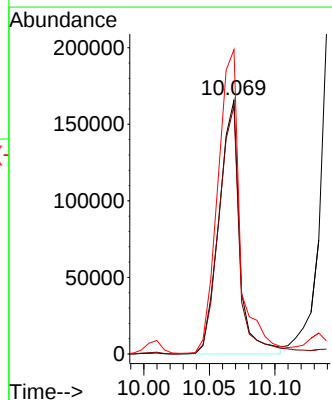
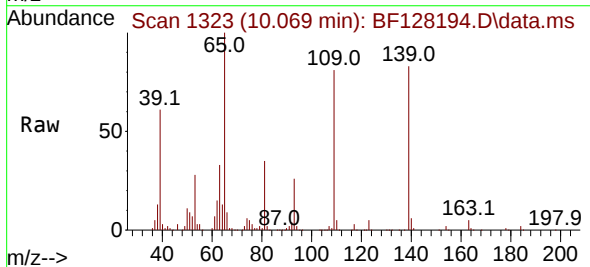
Instrument :
BNA_F
ClientSampleId :
PB144740BS

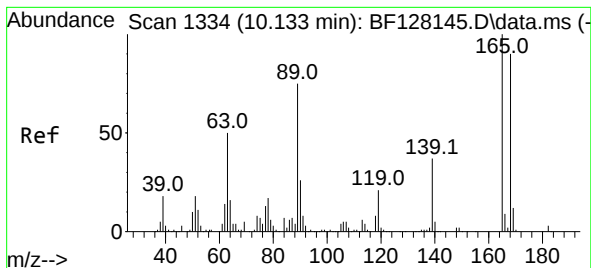
Tgt Ion:168 Resp: 711801
Ion Ratio Lower Upper
168 100
139 41.7 31.7 47.5
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 72.891 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:139 Resp: 181494
Ion Ratio Lower Upper
139 100
109 97.8 61.9 101.9
65 120.0 93.5 133.5

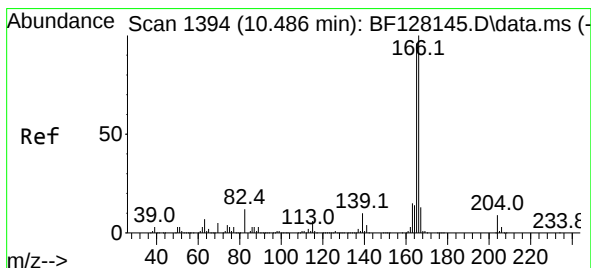
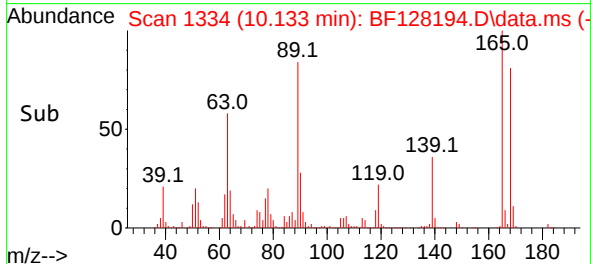
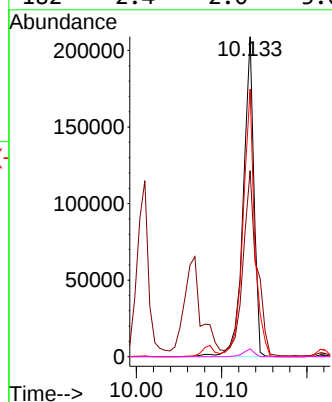
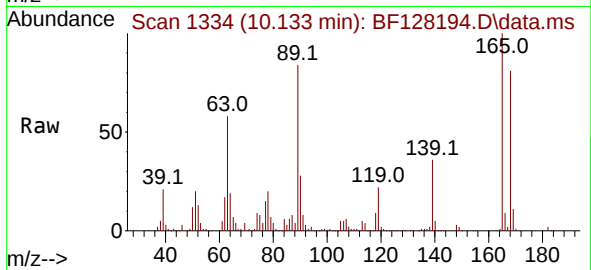




#57
2,4-Dinitrotoluene
Concen: 41.547 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

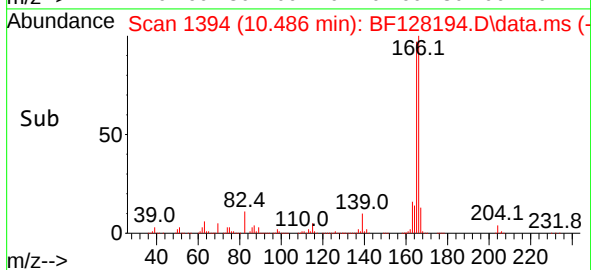
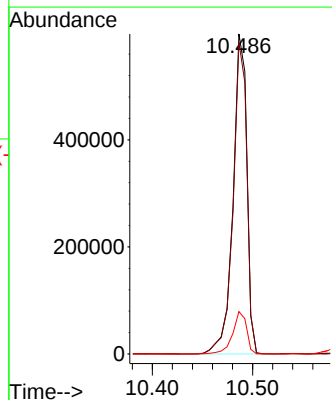
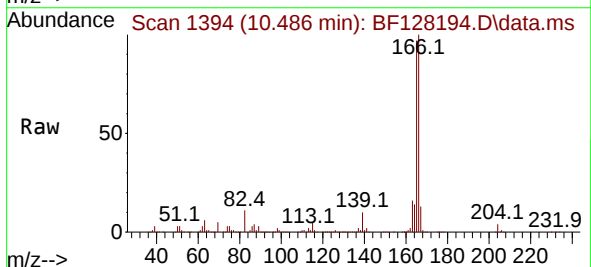
Instrument :
BNA_F
ClientSampleId :
PB144740BS

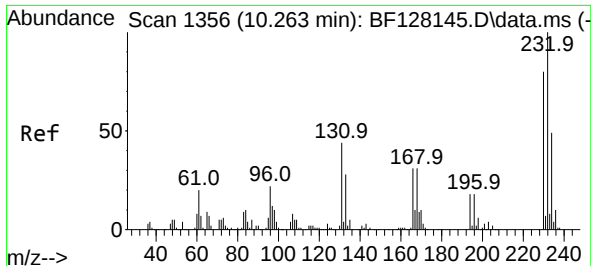
Tgt Ion:165 Resp: 182605
Ion Ratio Lower Upper
165 100
63 58.2 32.6 49.0#
89 83.6 55.2 82.8#
182 2.4 2.0 3.0



#58
Fluorene
Concen: 39.290 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:166 Resp: 570917
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.3 10.5 15.7

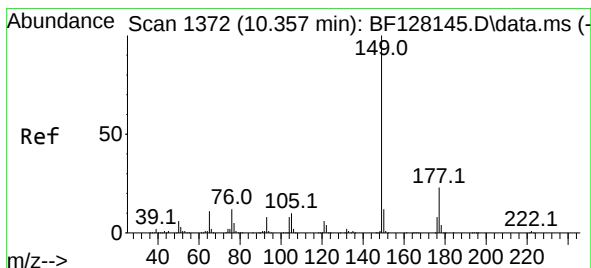
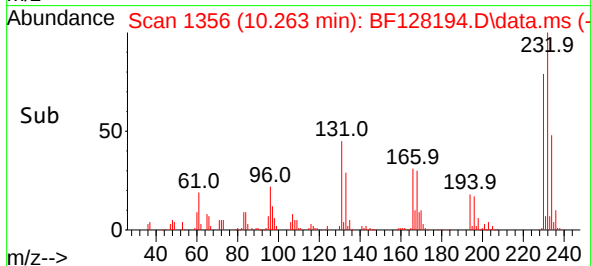
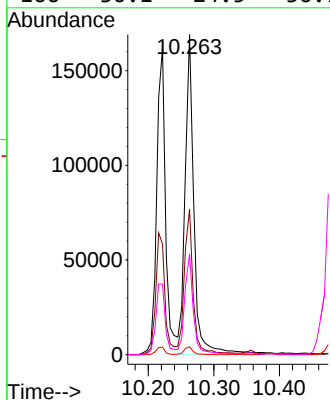
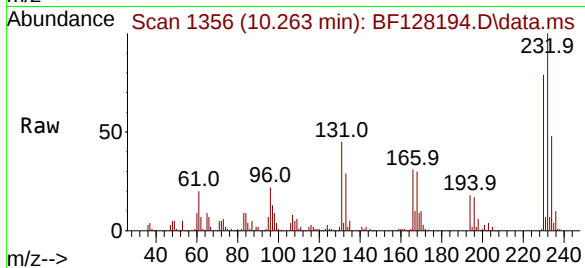




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.612 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

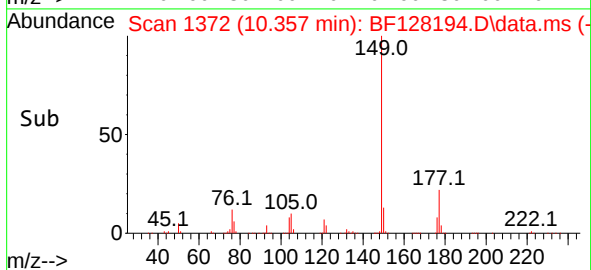
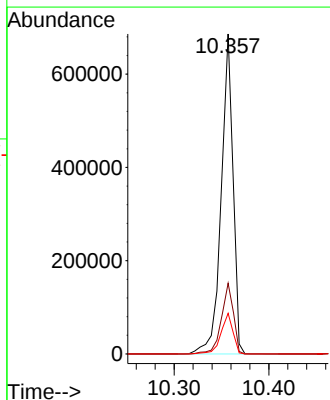
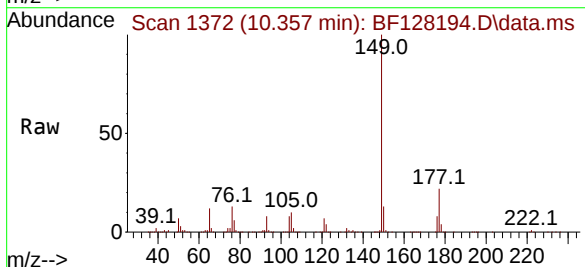
Instrument :
BNA_F
ClientSampleId :
PB144740BS

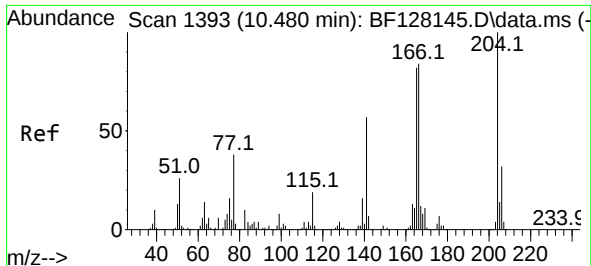
Tgt Ion:232 Resp: 155257
Ion Ratio Lower Upper
232 100
131 45.3 35.4 53.2
130 2.5 1.9 2.9
166 30.1 24.5 36.7



#60
Diethylphthalate
Concen: 39.916 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:149 Resp: 596734
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.7 10.2 15.2

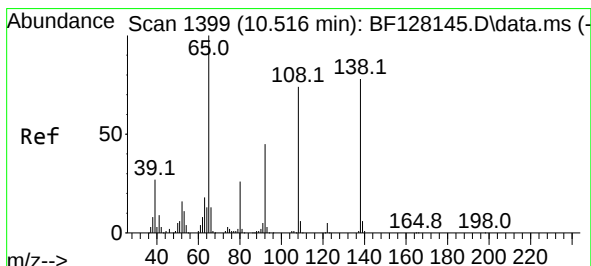
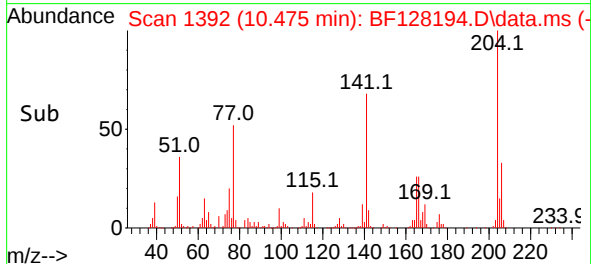
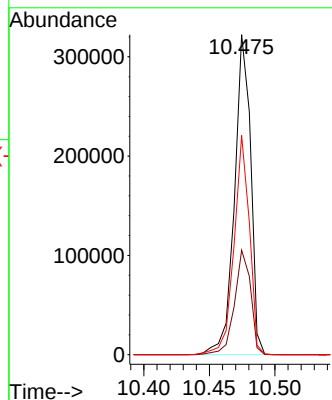
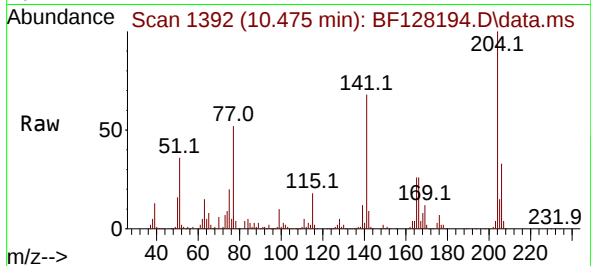




#61
4-Chlorophenyl-phenylether
Concen: 38.268 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

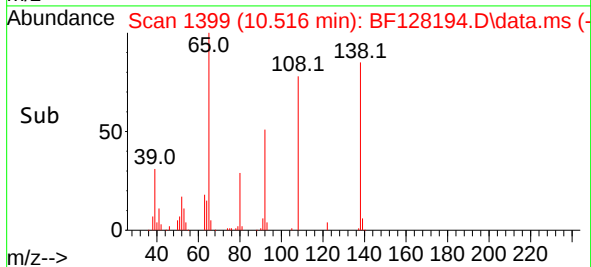
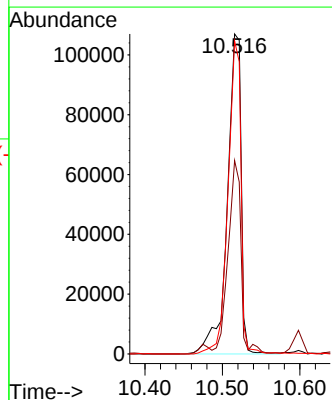
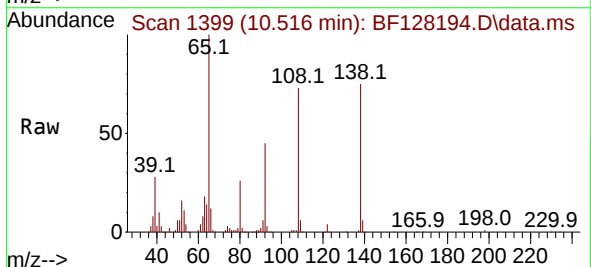
Instrument :
BNA_F
ClientSampleId :
PB144740BS

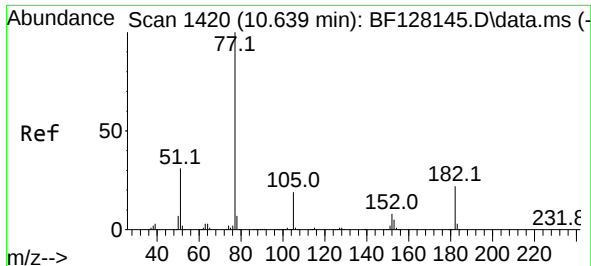
Tgt Ion:204 Resp: 277311
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.5 48.7 73.1



#62
4-Nitroaniline
Concen: 36.796 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:138 Resp: 132922
Ion Ratio Lower Upper
138 100
92 60.5 37.4 77.4
108 97.8 68.4 108.4



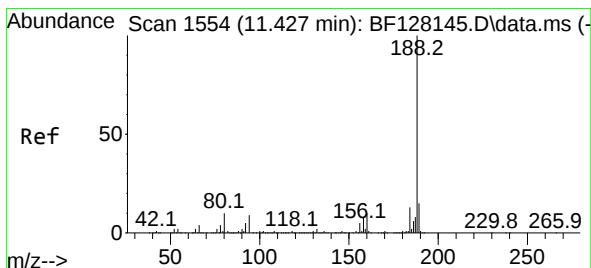
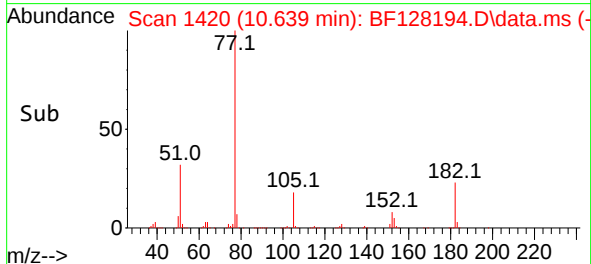
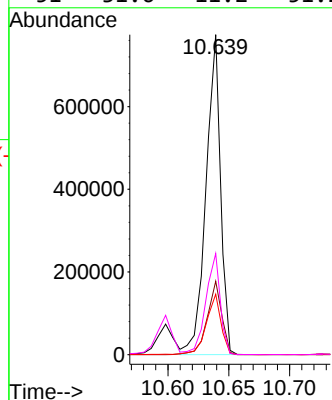
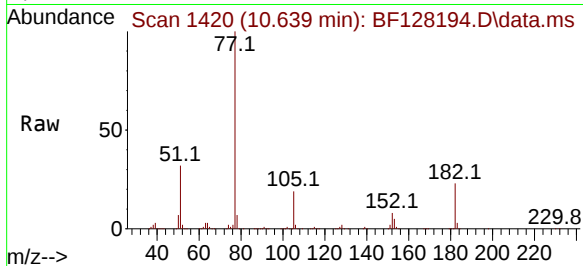


#63
Azobenzene
Concen: 39.117 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB144740BS

Tgt Ion: 77 Resp: 640355

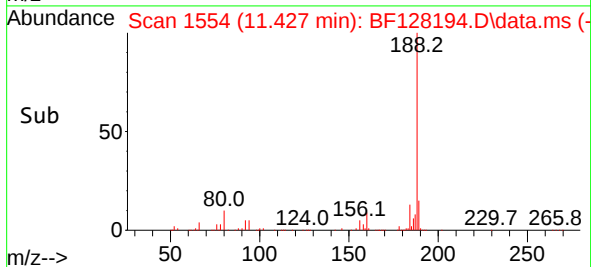
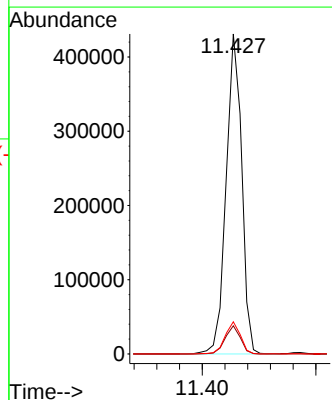
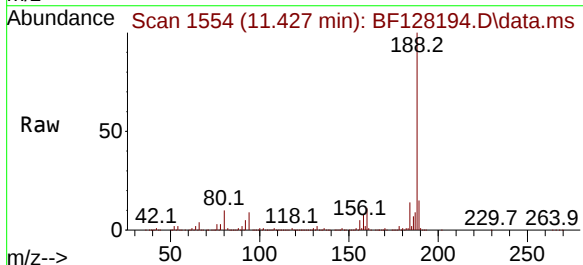
Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.2	41.2
105	18.9	0.0	39.8
51	31.6	11.2	51.2

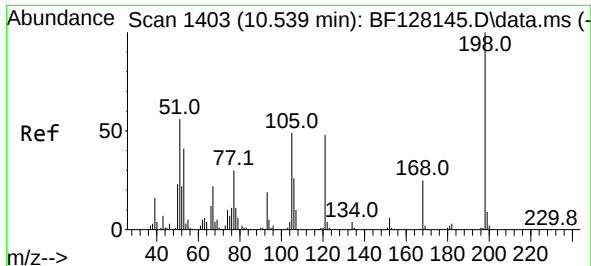


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion: 188 Resp: 410952

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	10.0	8.9	13.3

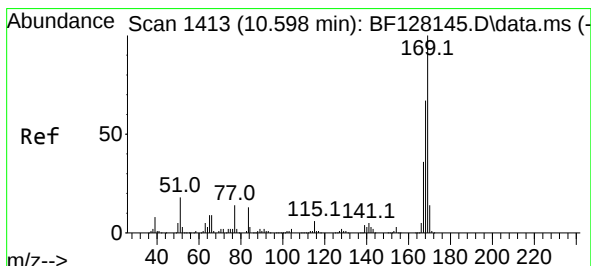
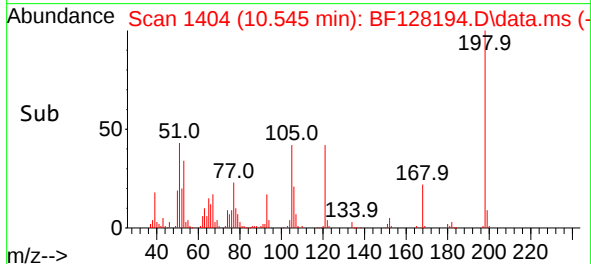
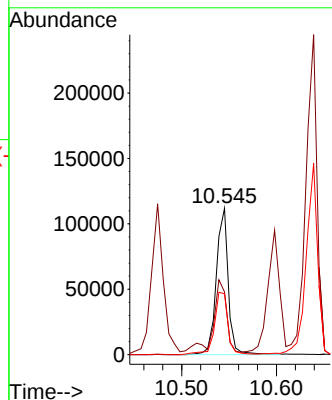
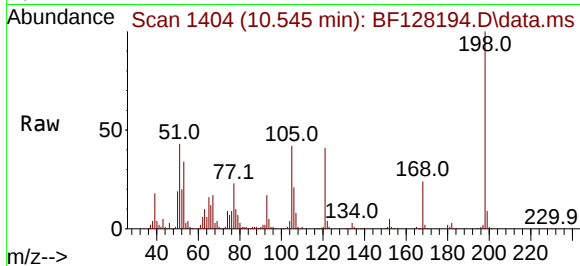




#65
4,6-Dinitro-2-methylphenol
Concen: 37.942 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

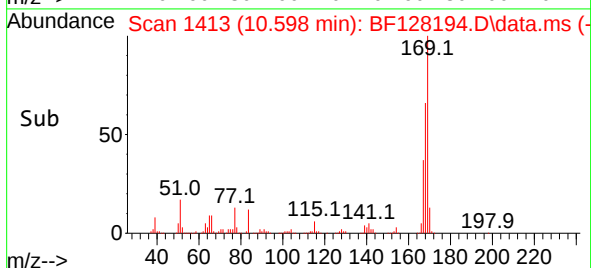
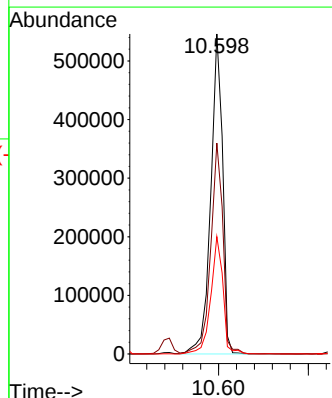
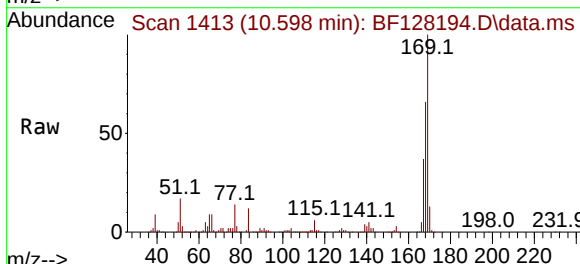
Instrument :
BNA_F
ClientSampleId :
PB144740BS

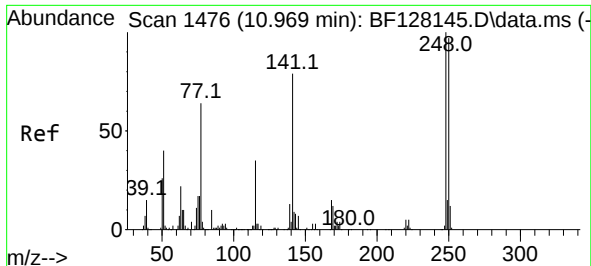
Tgt Ion:198 Resp: 97585
Ion Ratio Lower Upper
198 100
51 42.8 28.4 68.4
105 41.7 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 41.765 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:169 Resp: 500215
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 36.6 29.5 44.3

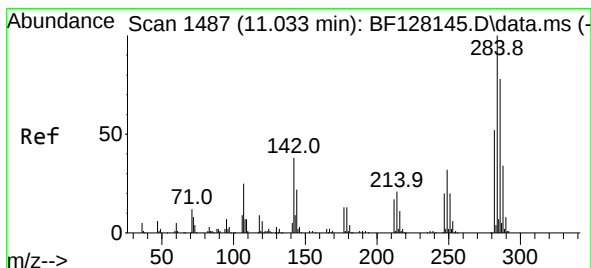
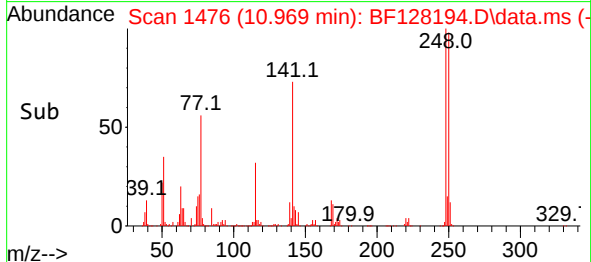
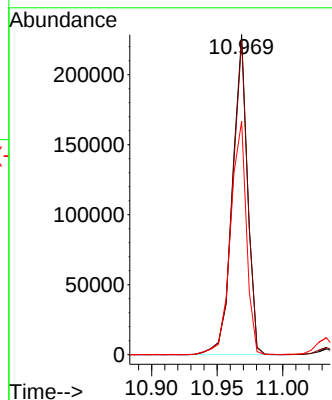
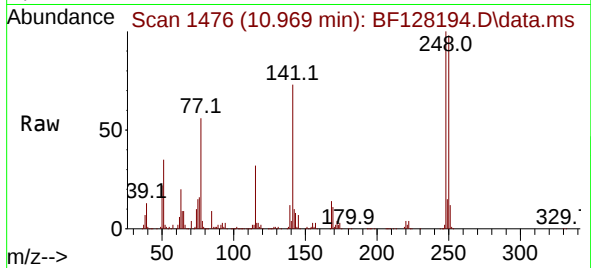




#67
4-Bromophenyl-phenylether
Concen: 41.464 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

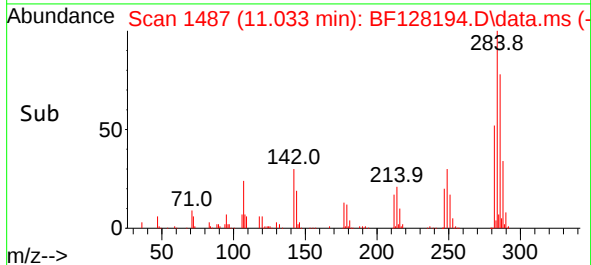
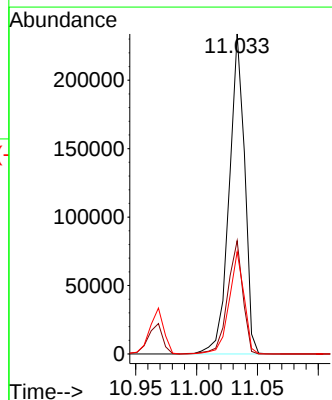
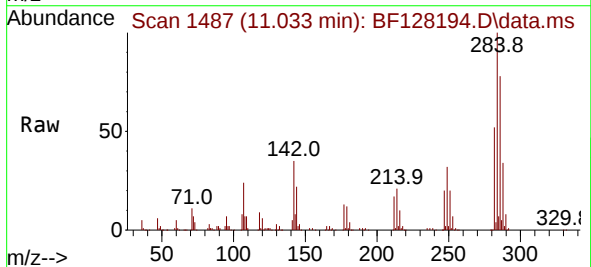
Instrument :
BNA_F
ClientSampleId :
PB144740BS

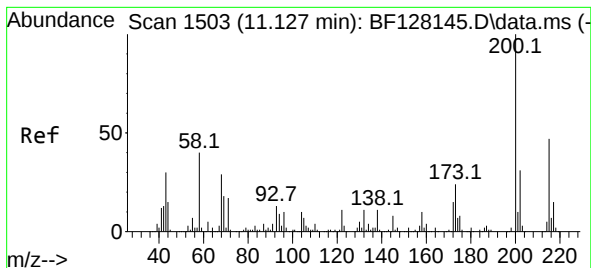
Tgt Ion:248 Resp: 183322
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 73.0 65.6 98.4



#68
Hexachlorobenzene
Concen: 42.720 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:284 Resp: 206611
Ion Ratio Lower Upper
284 100
142 35.4 30.2 45.4
249 32.0 26.1 39.1





#69

Atrazine

Concen: 43.307 ng

RT: 11.127 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

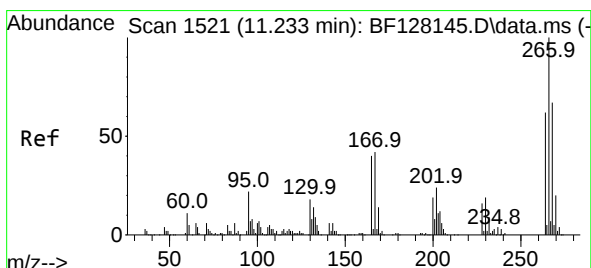
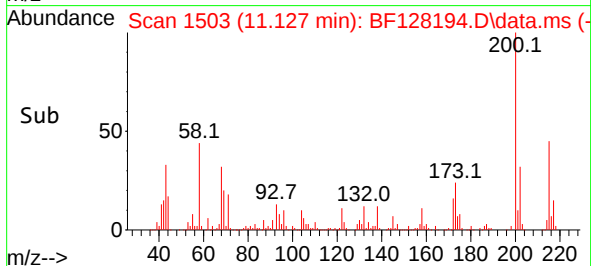
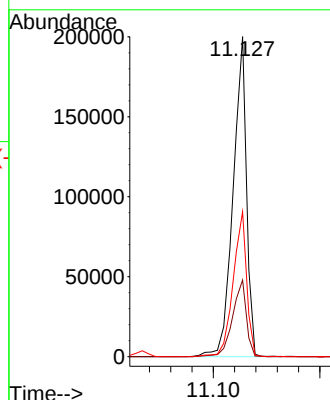
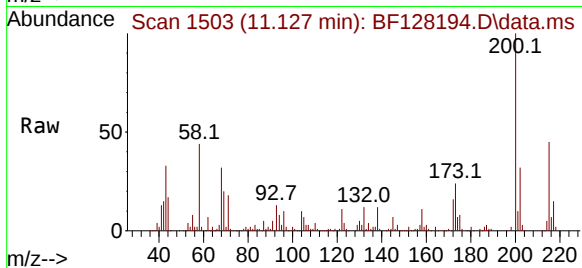
Tgt Ion:200 Resp: 174965

Ion Ratio Lower Upper

200 100

173 24.0 6.0 46.0

215 45.3 28.1 68.1



#70

Pentachlorophenol

Concen: 82.649 ng

RT: 11.233 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

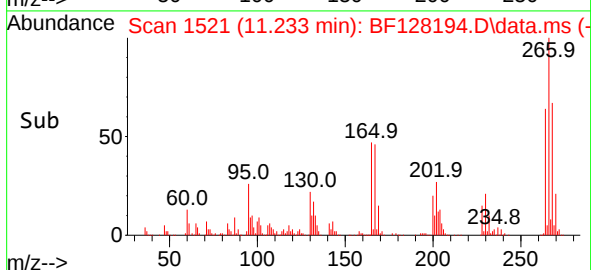
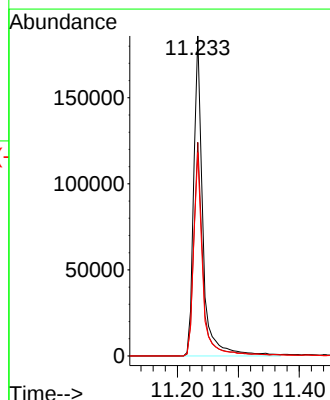
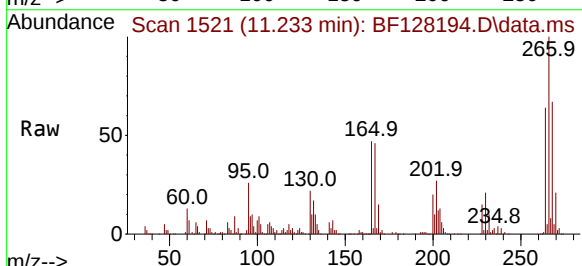
Tgt Ion:266 Resp: 193994

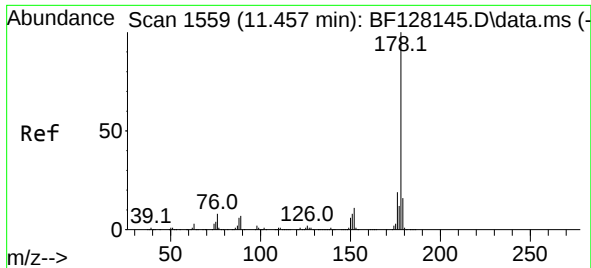
Ion Ratio Lower Upper

266 100

268 66.8 53.0 79.6

264 63.5 53.1 79.7

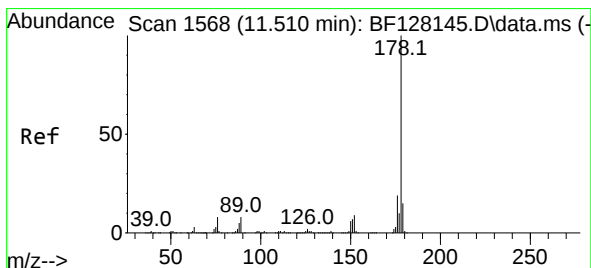
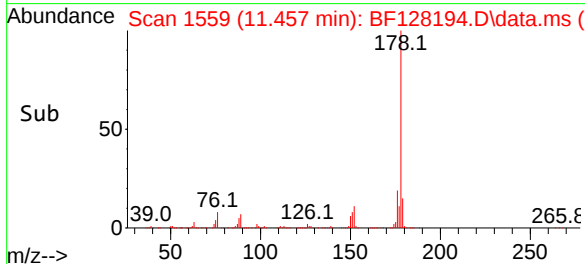
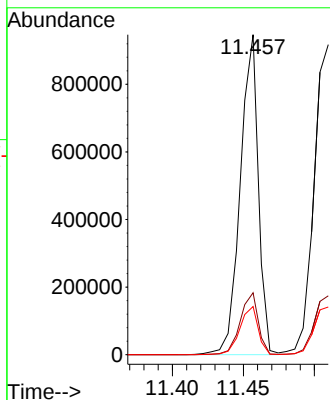
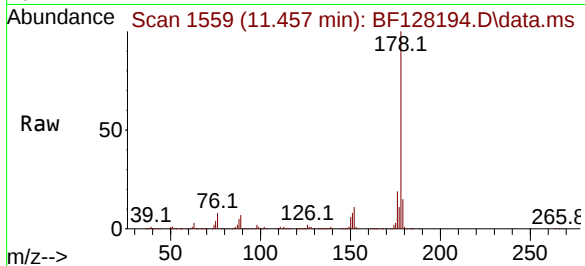




#71
Phenanthrene
Concen: 41.085 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

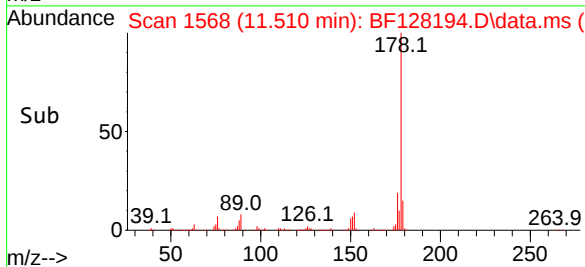
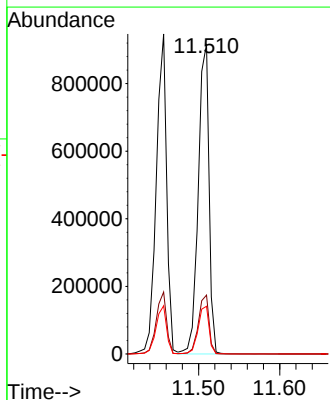
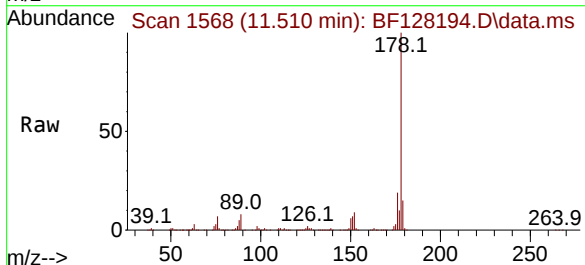
Instrument :
BNA_F
ClientSampleId :
PB144740BS

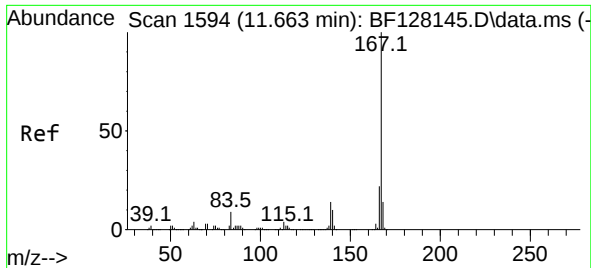
Tgt Ion:178 Resp: 840721
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.1 12.6 19.0



#72
Anthracene
Concen: 41.520 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:178 Resp: 848264
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.4 12.4 18.6

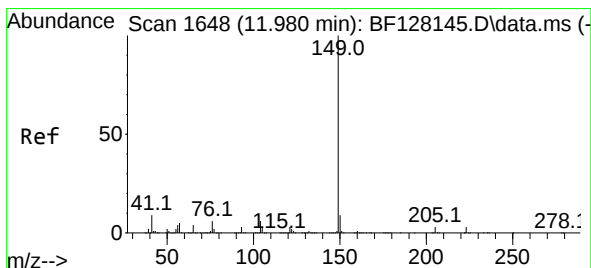
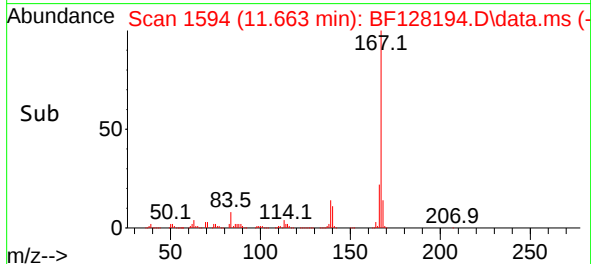
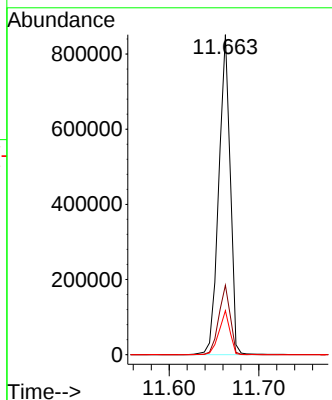
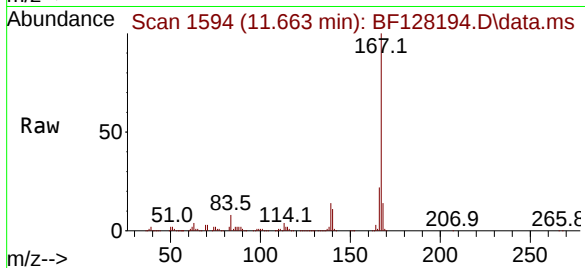




#73
 Carbazole
 Concen: 38.759 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

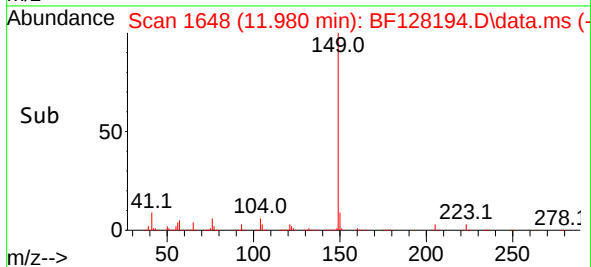
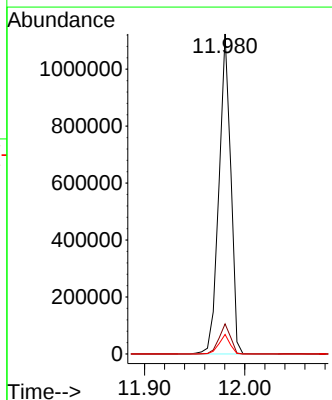
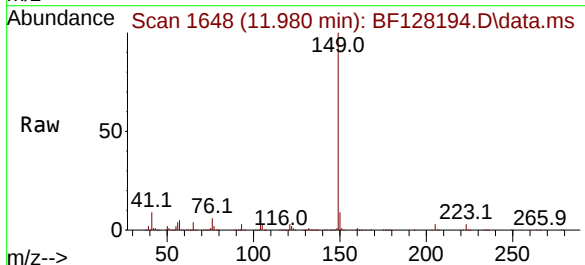
Instrument :
 BNA_F
 ClientSampleId :
 PB144740BS

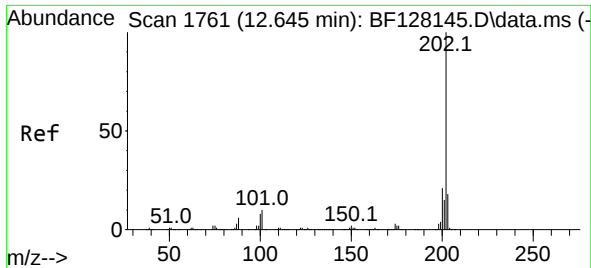
Tgt Ion:167 Resp: 753005
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 40.855 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

Tgt Ion:149 Resp: 913742
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.1 4.3 6.5

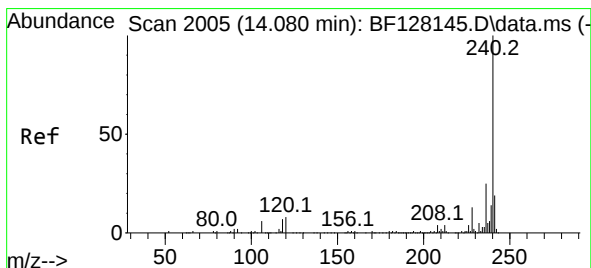
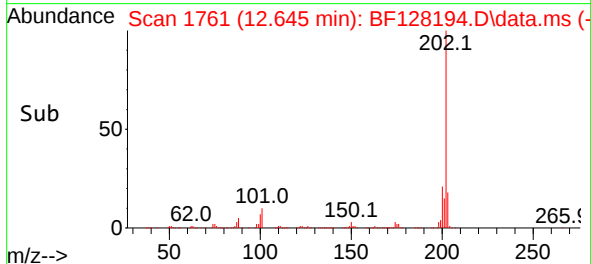
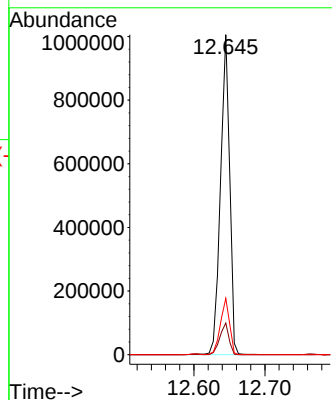
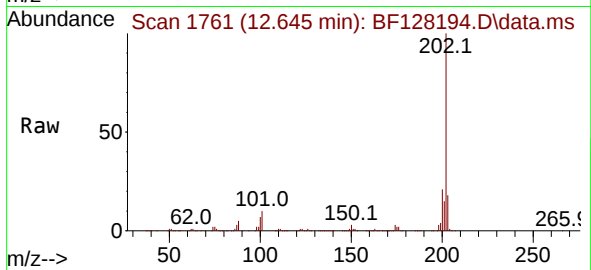




#75
Fluoranthene
Concen: 40.366 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

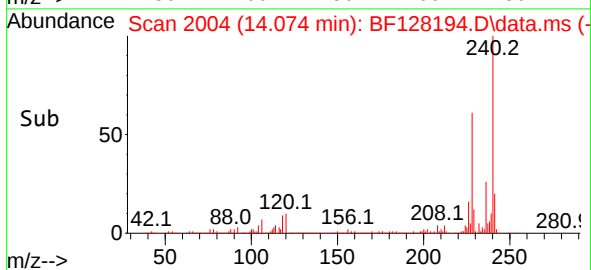
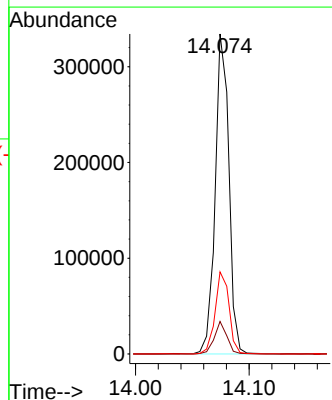
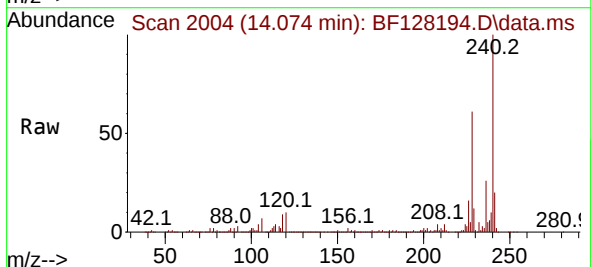
Instrument :
BNA_F
ClientSampleId :
PB144740BS

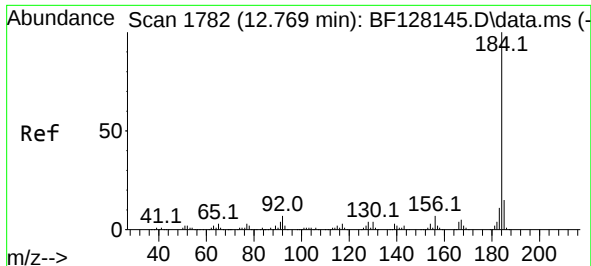
Tgt Ion:202 Resp: 895517
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.6
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:240 Resp: 279827
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.6 20.3 30.5

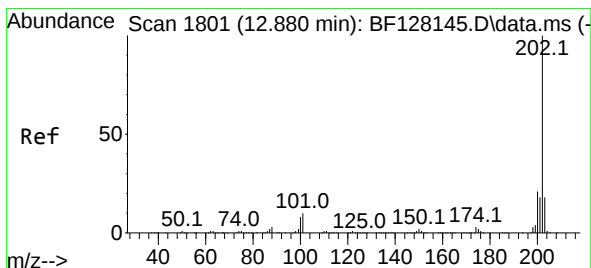
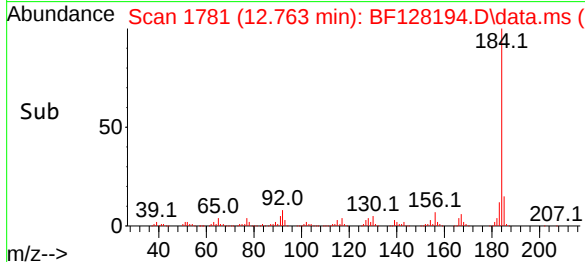
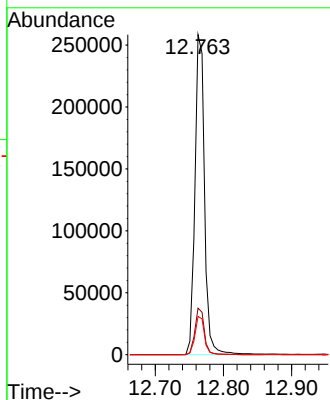
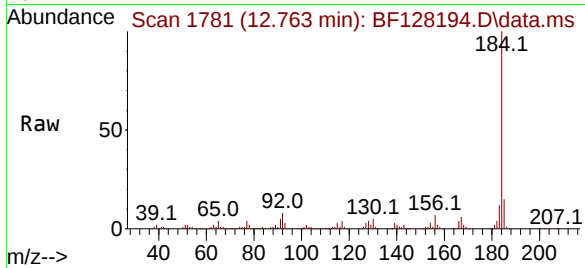




#77
Benzidine
Concen: 41.522 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

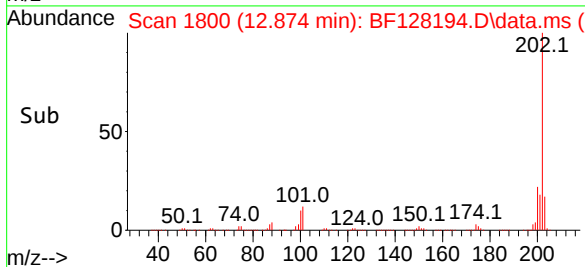
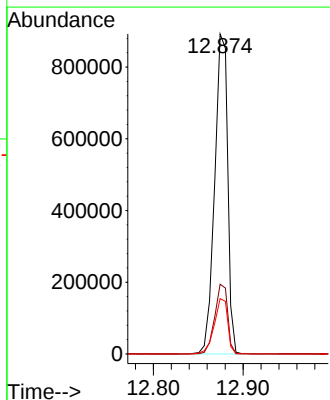
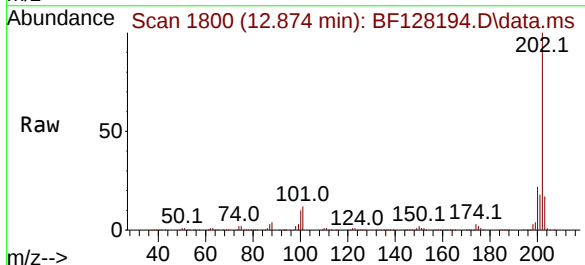
Instrument :
BNA_F
ClientSampleId :
PB144740BS

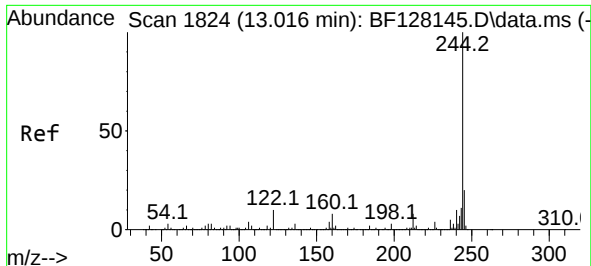
Tgt Ion:184 Resp: 251649
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 11.9 9.0 13.4



#78
Pyrene
Concen: 44.448 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:202 Resp: 901844
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.3 14.0 21.0

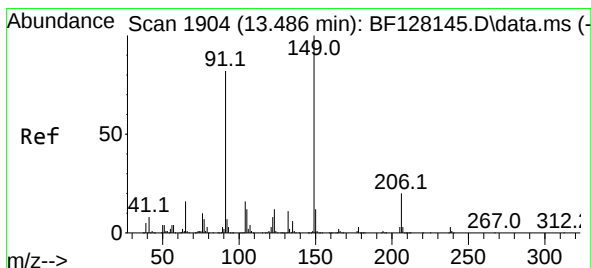
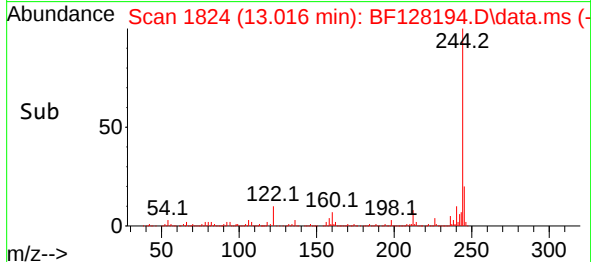
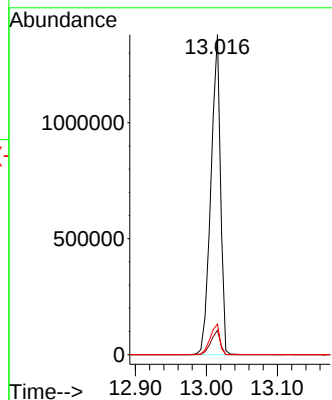
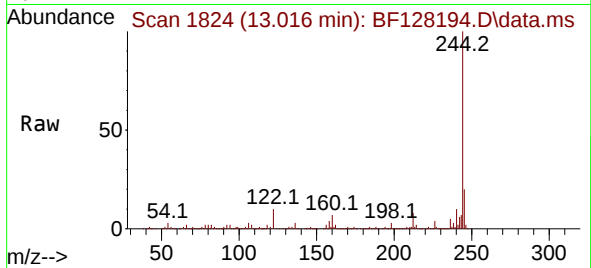




#79
 Terphenyl-d14
 Concen: 87.068 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

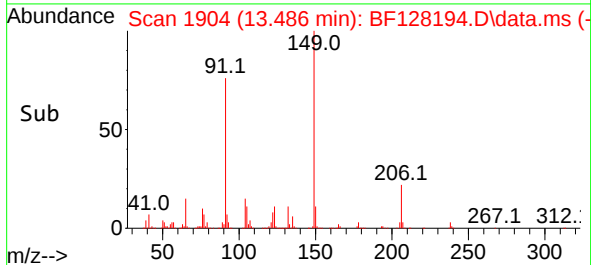
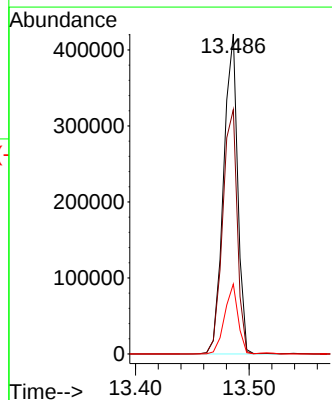
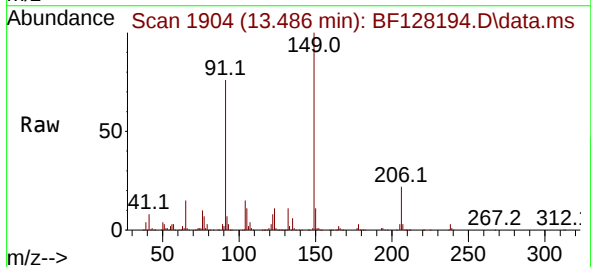
Instrument :
 BNA_F
 ClientSampleId :
 PB144740BS

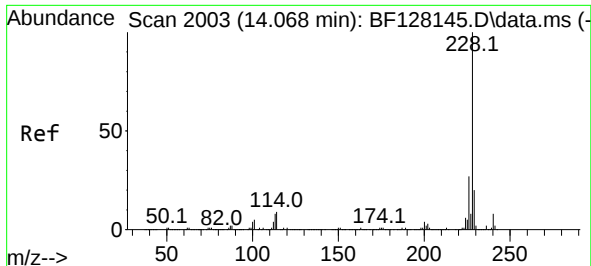
Tgt Ion:244 Resp: 1298429
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.6 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 43.267 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF128194.D
 Acq: 11 May 2022 14:49

Tgt Ion:149 Resp: 364964
 Ion Ratio Lower Upper
 149 100
 91 76.3 65.8 98.6
 206 21.9 15.4 23.2

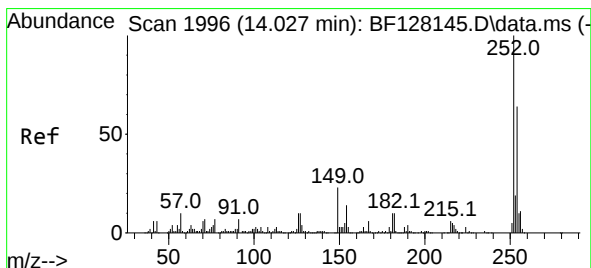
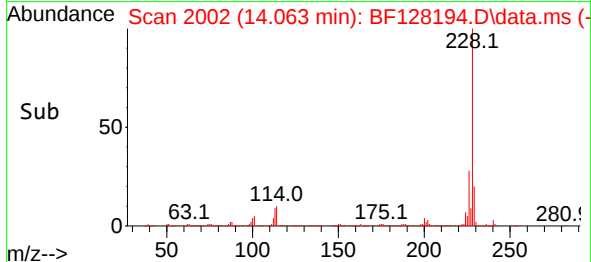
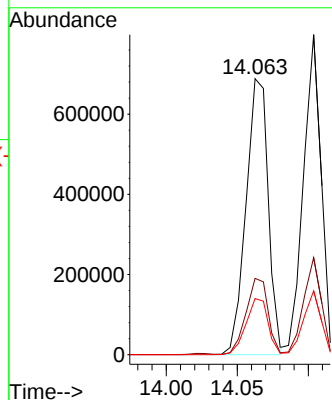
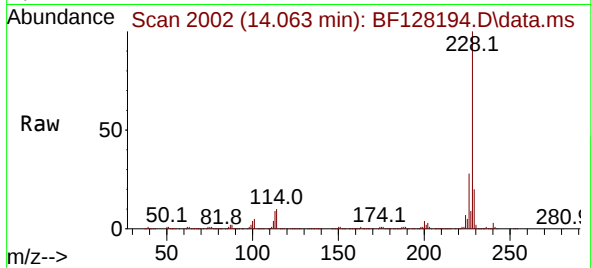




#81
Benzo(a)anthracene
Concen: 42.037 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

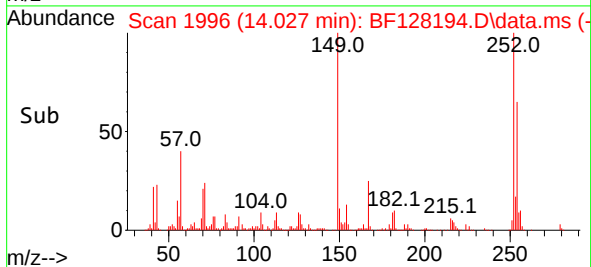
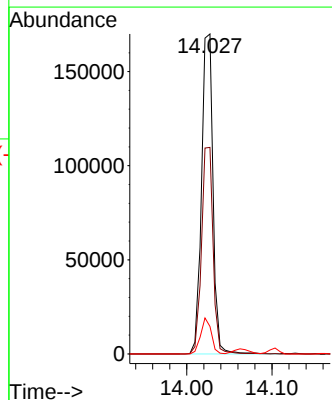
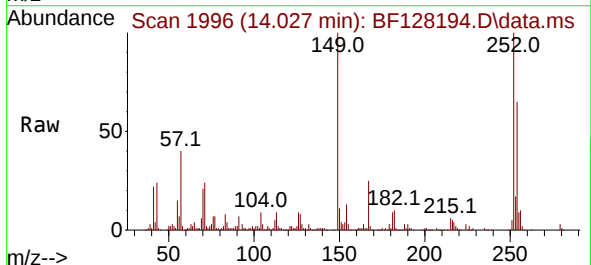
Instrument :
BNA_F
ClientSampleId :
PB144740BS

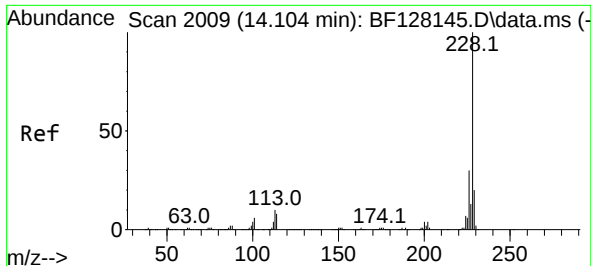
Tgt Ion:228 Resp: 751349
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 39.668 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:252 Resp: 159090
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 8.6 8.8 13.2

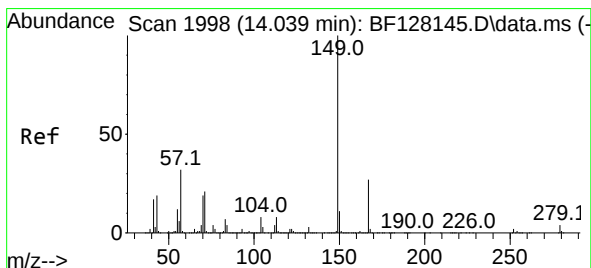
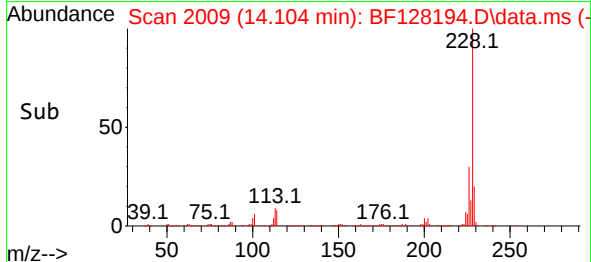
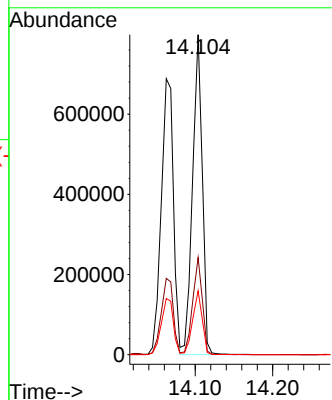
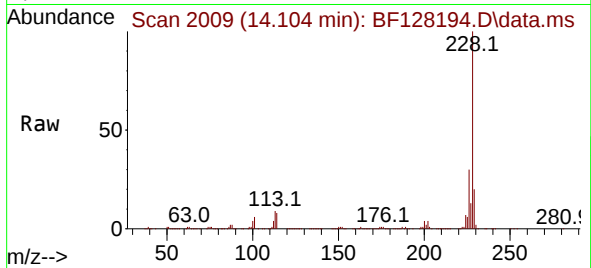




#83
Chrysene
Concen: 40.790 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

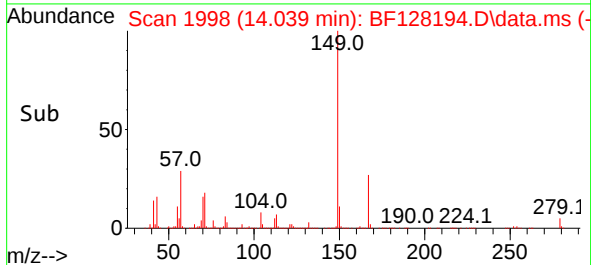
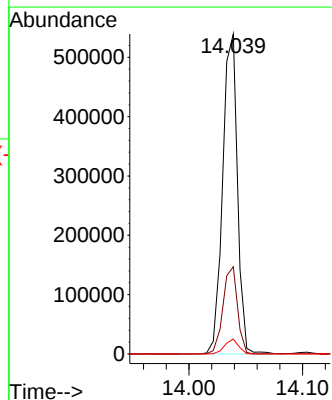
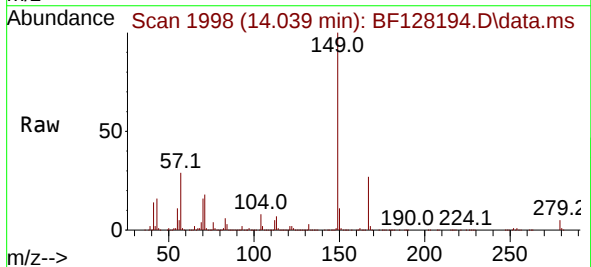
Instrument :
BNA_F
ClientSampleId :
PB144740BS

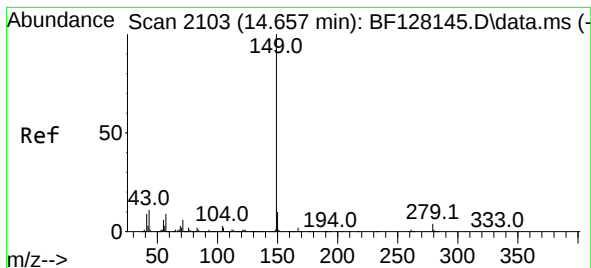
Tgt Ion:228 Resp: 695633
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.0 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.951 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:149 Resp: 489525
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.857 ng

RT: 14.651 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

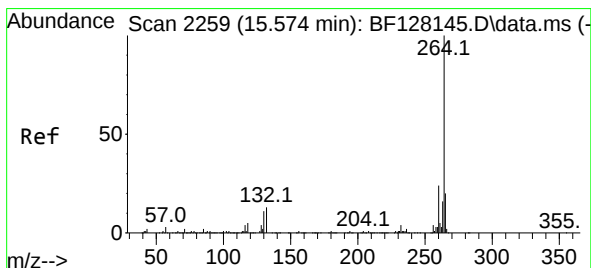
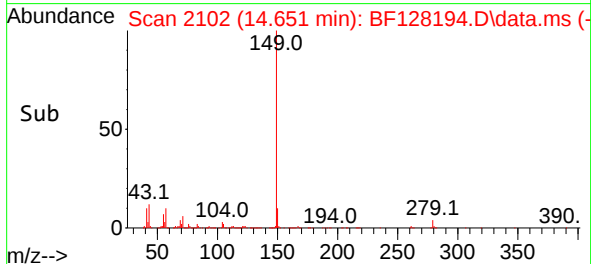
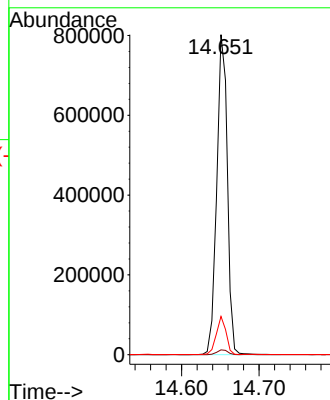
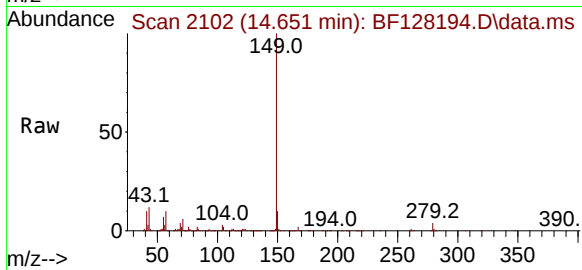
Tgt Ion:149 Resp: 762042

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

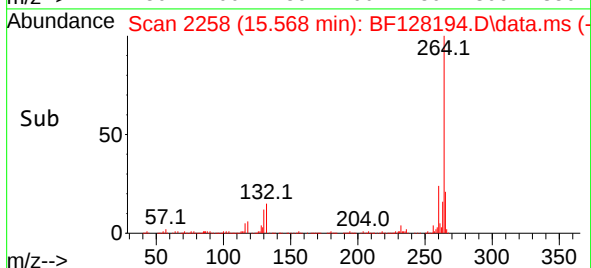
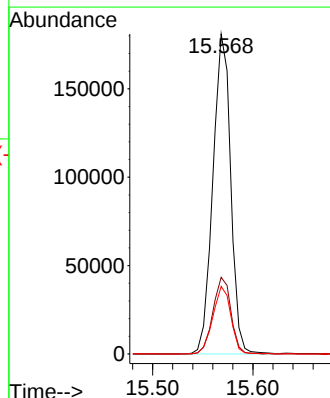
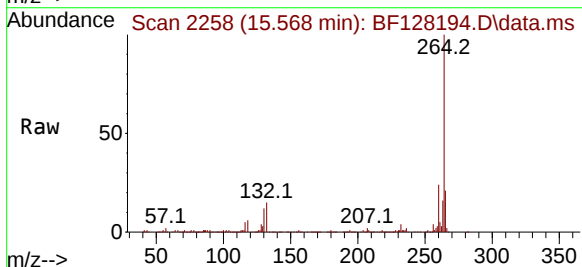
Tgt Ion:264 Resp: 223601

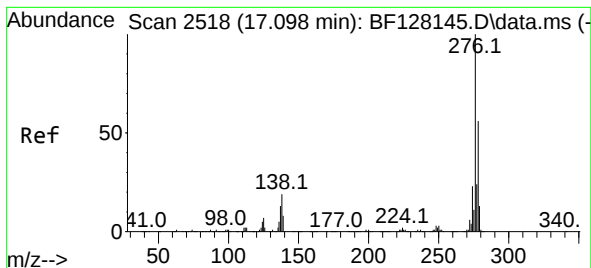
Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.675 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB144740BS

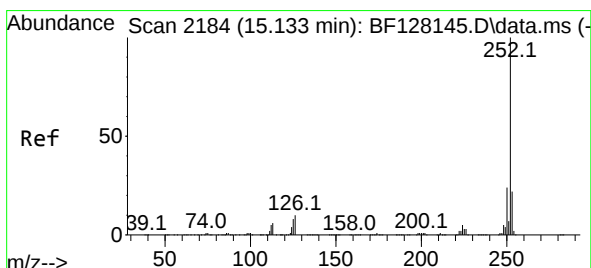
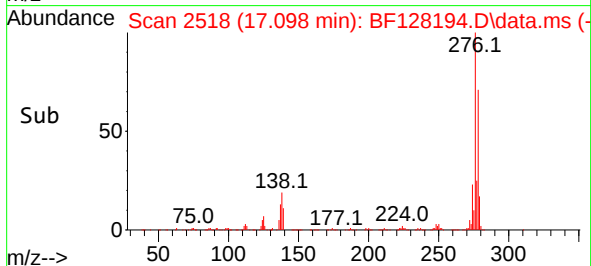
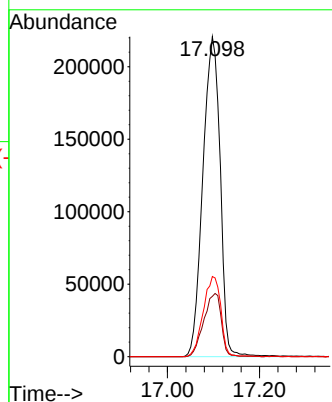
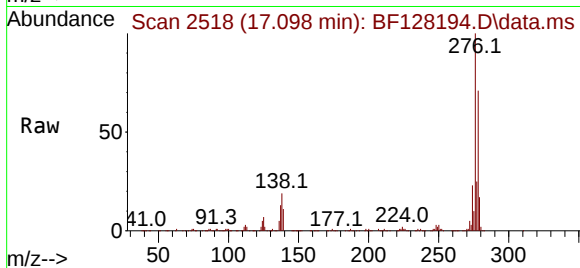
Tgt Ion:276 Resp: 577218

Ion Ratio Lower Upper

276 100

138 20.1 19.0 28.4

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.157 ng

RT: 15.127 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF128194.D

Acq: 11 May 2022 14:49

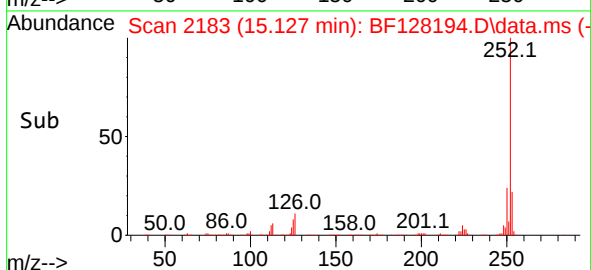
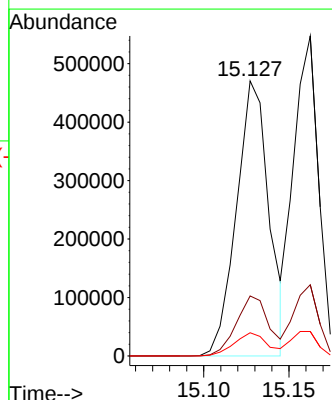
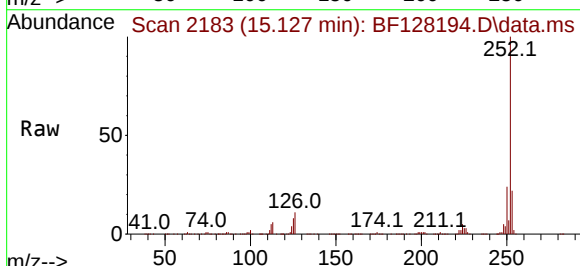
Tgt Ion:252 Resp: 625918

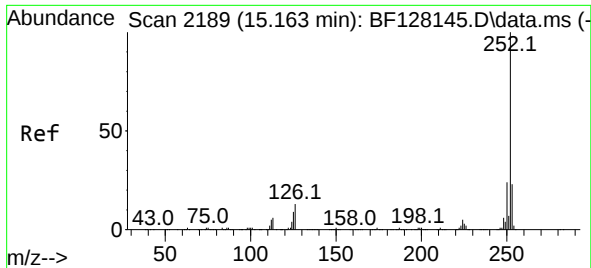
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.4 7.4 11.2

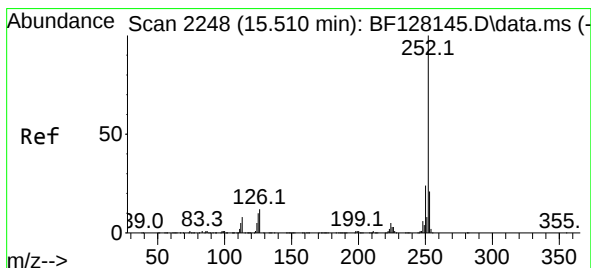
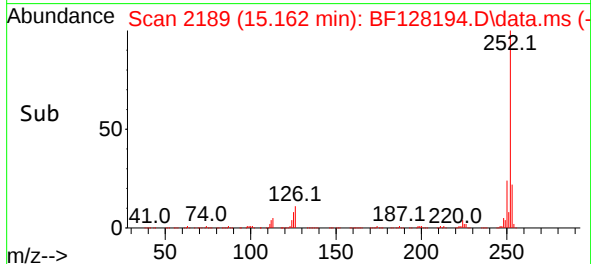
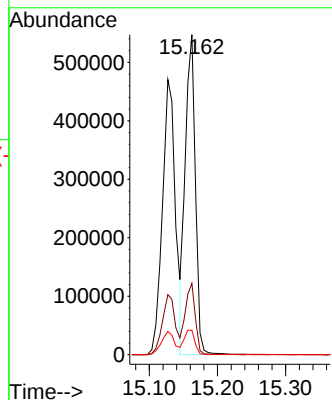
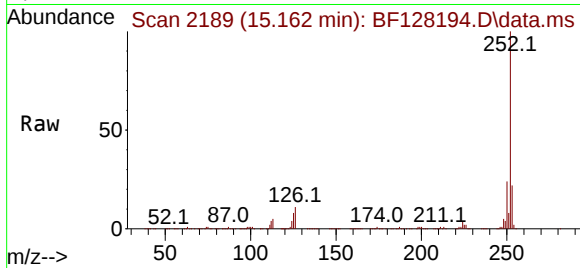




#89
Benzo(k)fluoranthene
Concen: 41.148 ng
RT: 15.162 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

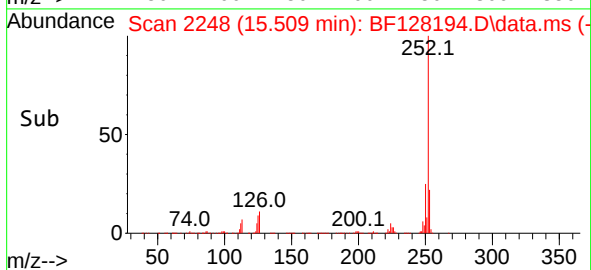
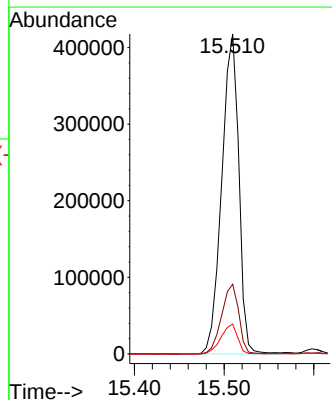
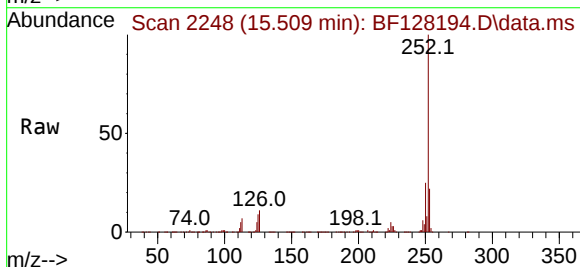
Instrument :
BNA_F
ClientSampleId :
PB144740BS

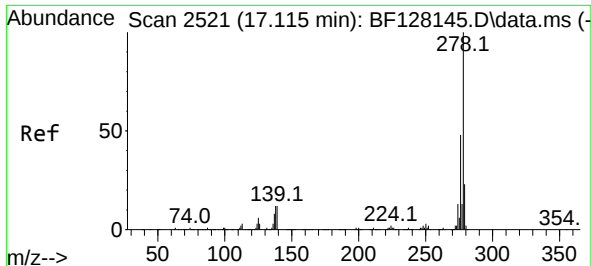
Tgt Ion:252 Resp: 563003
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 7.6 6.8 10.2



#90
Benzo(a)pyrene
Concen: 49.259 ng
RT: 15.509 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:252 Resp: 551217
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.3 9.2 13.8

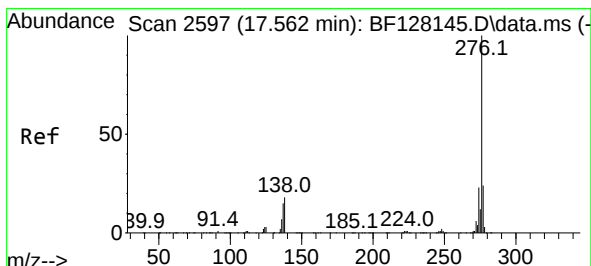
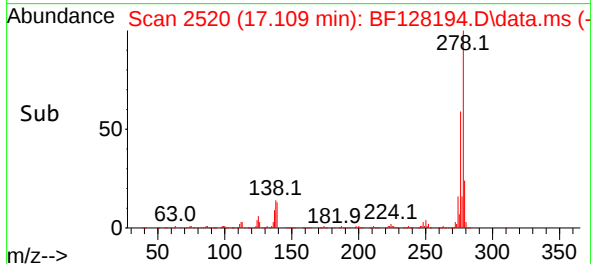
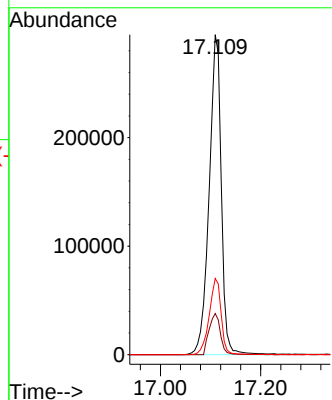
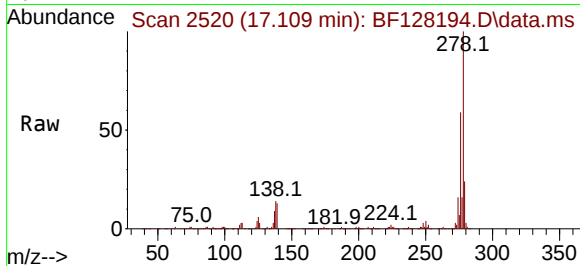




#91
Dibenzo(a,h)anthracene
Concen: 45.296 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB144740BS

Tgt Ion:278 Resp: 496007
Ion Ratio Lower Upper
278 100
139 12.9 12.6 19.0
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.388 ng
RT: 17.562 min Scan# 2597
Delta R.T. -0.000 min
Lab File: BF128194.D
Acq: 11 May 2022 14:49

Tgt Ion:276 Resp: 503244
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.2 16.2 24.2

