

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128152.D
 Acq On : 09 May 2022 16:44
 Operator : CG\JU
 Sample : PB144686BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144686BS

Quant Time: May 09 17:12:05 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	99987	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	393127	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	227767	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	420845	20.000	ng	0.00
76) Chrysene-d12	14.080	240	314429	20.000	ng	0.00
86) Perylene-d12	15.574	264	255829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	576262	91.876	ng	0.01
7) Phenol-d6	6.528	99	746381	89.970	ng	0.00
23) Nitrobenzene-d5	7.463	82	776670	88.896	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	236265	90.446	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1276085	87.663	ng	0.00
79) Terphenyl-d14	13.021	244	1556475	92.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	108563	38.909	ng	97
3) Pyridine	3.563	79	299761	40.497	ng	97
4) n-Nitrosodimethylamine	3.545	42	184404	49.975	ng	93
6) Aniline	6.563	93	377490	40.293	ng	100
8) 2-Chlorophenol	6.681	128	323726	50.674	ng	99
9) Benzaldehyde	6.451	77	202012	59.905	ng	98
10) Phenol	6.539	94	422717	48.319	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	326031	49.762	ng	96
12) 1,3-Dichlorobenzene	6.833	146	343871	47.823	ng	95
13) 1,4-Dichlorobenzene	6.910	146	347045	47.765	ng	97
14) 1,2-Dichlorobenzene	7.063	146	335437	48.992	ng	99
15) Benzyl Alcohol	7.039	79	323010	49.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	472023	48.584	ng	99
17) 2-Methylphenol	7.145	107	271162	50.031	ng	96
18) Hexachloroethane	7.404	117	134360	48.948	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	249357	48.809	ng	98
20) 3+4-Methylphenols	7.298	107	319643	47.632	ng	89
22) Acetophenone	7.310	105	452794	46.254	ng	97
24) Nitrobenzene	7.481	77	389017	48.244	ng	98
25) Isophorone	7.722	82	715505	52.237	ng	99
26) 2-Nitrophenol	7.792	139	173747	49.071	ng	98
27) 2,4-Dimethylphenol	7.828	122	298645	54.722	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	412873	47.686	ng	99
29) 2,4-Dichlorophenol	8.033	162	275348	47.991	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	307151	46.710	ng	98
31) Naphthalene	8.198	128	917276	47.245	ng	100
32) Benzoic acid	7.969	122	187561	45.955	ng	98
33) 4-Chloroaniline	8.251	127	225110	29.207	ng	99
34) Hexachlorobutadiene	8.310	225	200098	45.317	ng	97
35) Caprolactam	8.633	113	47486	25.354	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	310992	48.511	ng	96
37) 2-Methylnaphthalene	8.892	142	617772	47.194	ng	100
38) 1-Methylnaphthalene	8.992	142	586760	46.671	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	306389	45.603	ng	99
41) Hexachlorocyclopentadiene	9.039	237	350247	111.880	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	199269	46.036	ng	100

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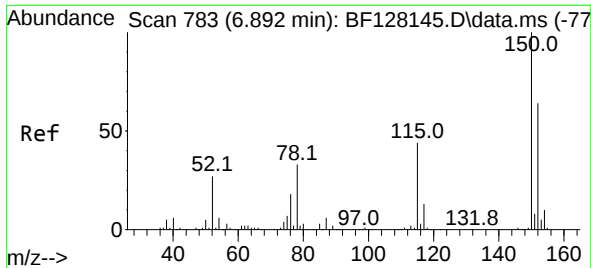
Quant Time: May 09 17:12:05 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	208060	45.080	ng	97
46) 1,1'-Biphenyl	9.357	154	771640	46.536	ng	100
47) 2-Chloronaphthalene	9.386	162	566751	46.116	ng	98
48) 2-Nitroaniline	9.486	65	212976	48.336	ng	98
49) Acenaphthylene	9.804	152	925590	49.793	ng	100
50) Dimethylphthalate	9.663	163	694368	47.242	ng	100
51) 2,6-Dinitrotoluene	9.727	165	161740	50.164	ng	94
52) Acenaphthene	9.974	154	550240	42.692	ng	99
53) 3-Nitroaniline	9.898	138	112998	32.327	ng	99
54) 2,4-Dinitrophenol	10.010	184	171887	96.365	ng	# 79
55) Dibenzofuran	10.145	168	821276	44.880	ng	97
56) 4-Nitrophenol	10.069	139	231169	94.647	ng	89
57) 2,4-Dinitrotoluene	10.139	165	211914	49.153	ng	# 83
58) Fluorene	10.492	166	653319	45.835	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	183197	46.446	ng	100
60) Diethylphthalate	10.363	149	688704	46.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	323282	45.479	ng	99
62) 4-Nitroaniline	10.522	138	163875	46.246	ng	95
63) Azobenzene	10.639	77	745294	46.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	118720	45.074	ng	93
66) n-Nitrosodiphenylamine	10.604	169	577045	47.048	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	210537	46.500	ng	99
68) Hexachlorobenzene	11.039	284	236893	47.830	ng	# 89
69) Atrazine	11.133	200	213856	51.689	ng	97
70) Pentachlorophenol	11.233	266	242893	101.049	ng	98
71) Phenanthrene	11.457	178	980659	46.797	ng	100
72) Anthracene	11.510	178	994791	47.547	ng	99
73) Carbazole	11.668	167	908931	45.686	ng	99
74) Di-n-butylphthalate	11.986	149	1089132	47.552	ng	99
75) Fluoranthene	12.651	202	1071929	47.182	ng	97
77) Benzidine	12.768	184	473309	69.502	ng	99
78) Pyrene	12.880	202	1087608	47.704	ng	100
80) Butylbenzylphthalate	13.486	149	455865	48.096	ng	97
81) Benzo(a)anthracene	14.068	228	969433	48.270	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	206383	45.798	ng	99
83) Chrysene	14.110	228	877227	45.778	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	627111	48.968	ng	98
85) Di-n-octyl phthalate	14.657	149	1016441	49.686	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	701386	45.322	ng	96
88) Benzo(b)fluoranthene	15.133	252	858025	54.104	ng	98
89) Benzo(k)fluoranthene	15.168	252	739541	47.241	ng	98
90) Benzo(a)pyrene	15.515	252	740233	57.817	ng	# 97
91) Dibenzo(a,h)anthracene	17.115	278	606140	48.380	ng	96
92) Benzo(g,h,i)perylene	17.562	276	605787	47.754	ng	97

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

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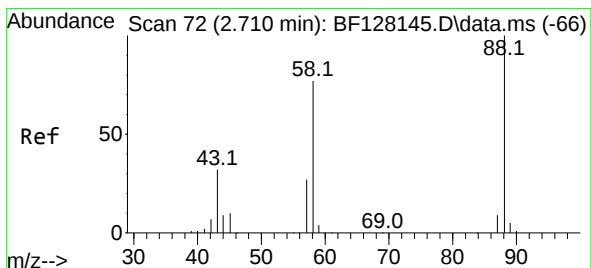
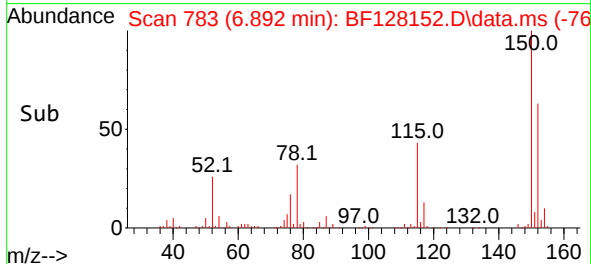
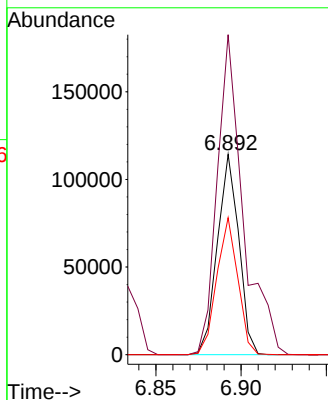
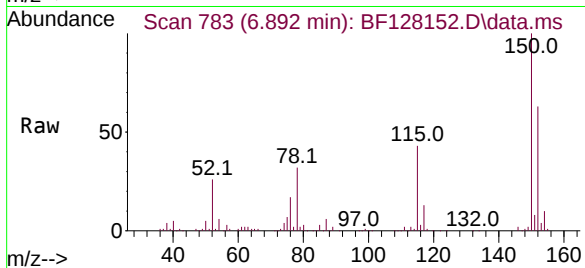




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128152.D
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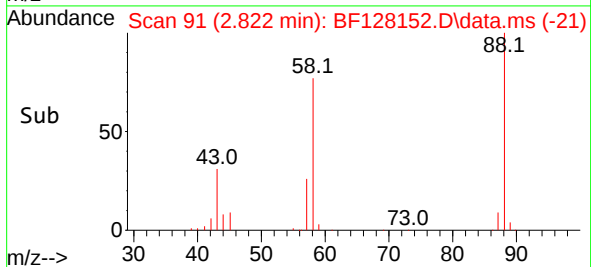
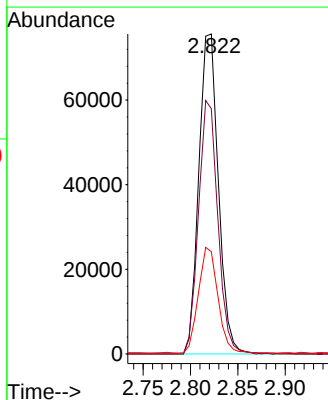
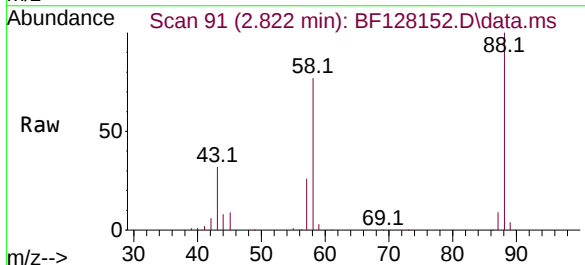
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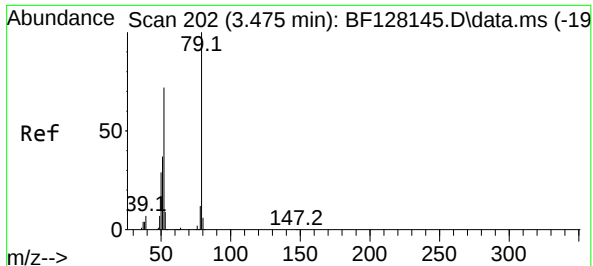
Tgt Ion:152 Resp: 99987
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.3 187.9
 115 68.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 38.909 ng
 RT: 2.822 min Scan# 91
 Delta R.T. 0.112 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

Tgt Ion: 88 Resp: 108563
 Ion Ratio Lower Upper
 88 100
 58 78.3 61.0 91.4
 43 33.0 24.9 37.3

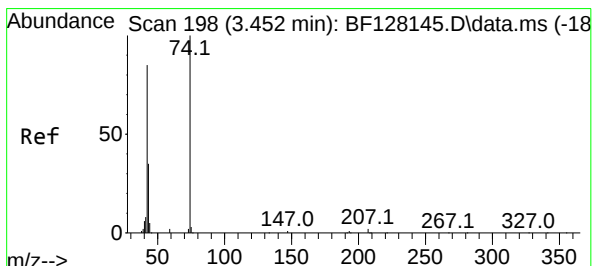
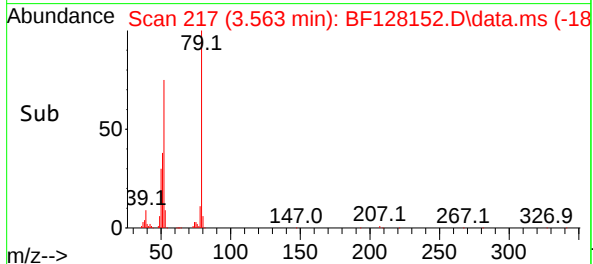
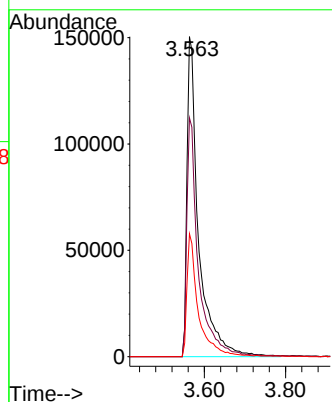
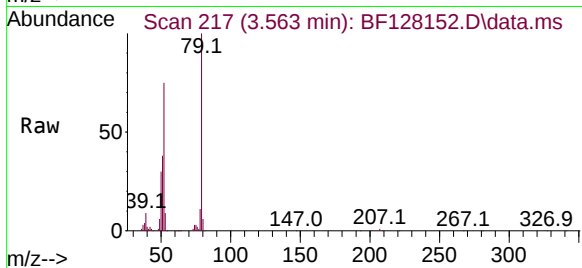




#3
Pyridine
Concen: 40.497 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

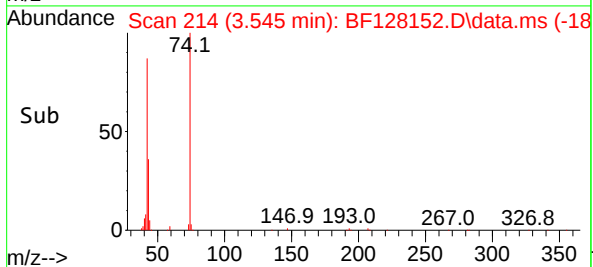
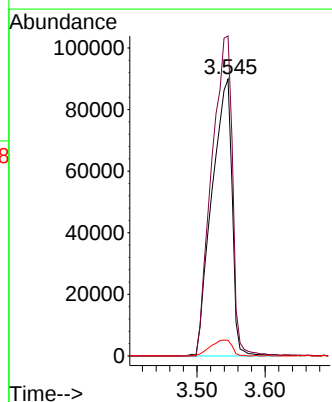
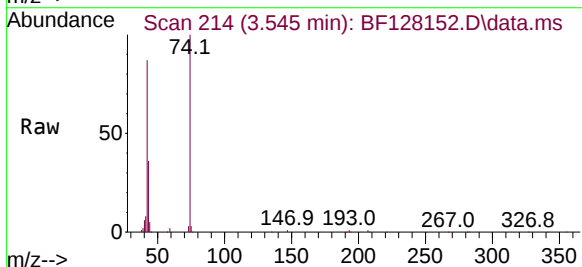
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ClientSampleId :
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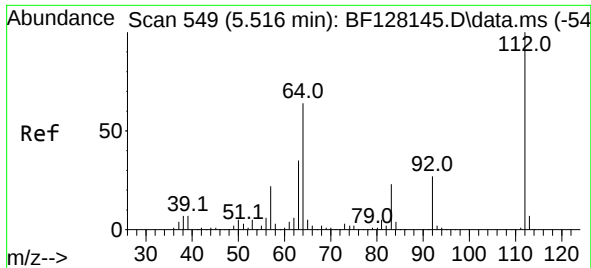
Tgt Ion: 79 Resp: 299761
Ion Ratio Lower Upper
79 100
52 74.6 58.3 87.5
51 38.4 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 49.975 ng
RT: 3.545 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion: 42 Resp: 184404
Ion Ratio Lower Upper
42 100
74 115.6 99.0 148.4
44 5.7 5.2 7.8

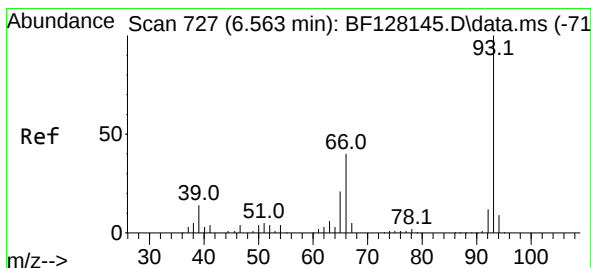
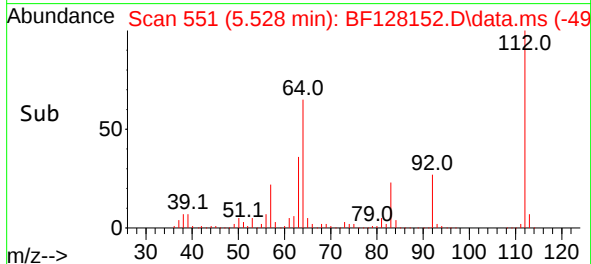
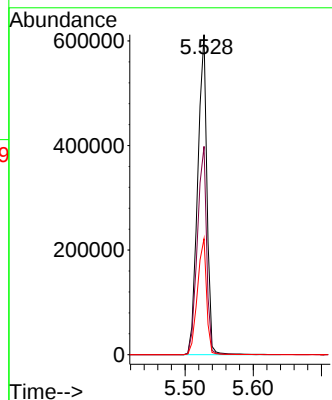
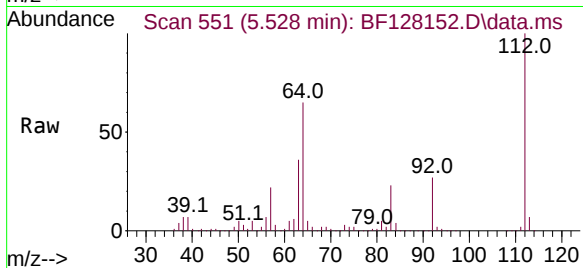




#5
2-Fluorophenol
Concen: 91.876 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

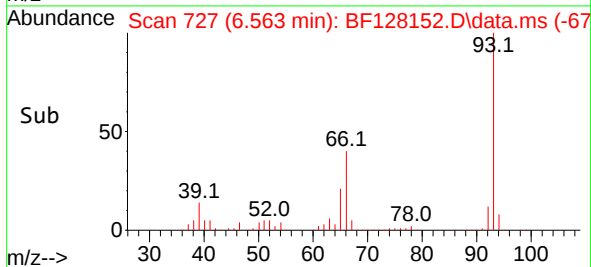
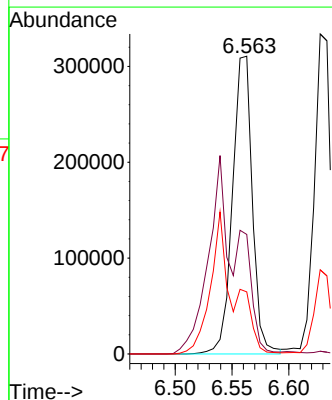
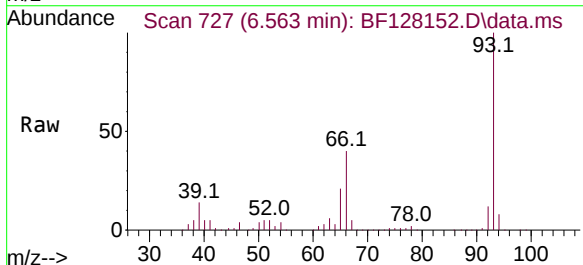
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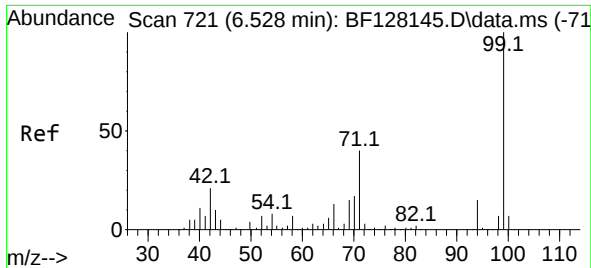
Tgt Ion:112 Resp: 576262
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 36.2 26.3 39.5



#6
Aniline
Concen: 40.293 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion: 93 Resp: 377490
Ion Ratio Lower Upper
93 100
66 40.1 32.2 48.4
65 20.8 16.7 25.1





#7

Phenol-d6

Concen: 89.970 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

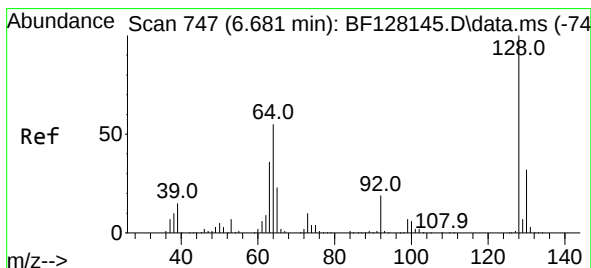
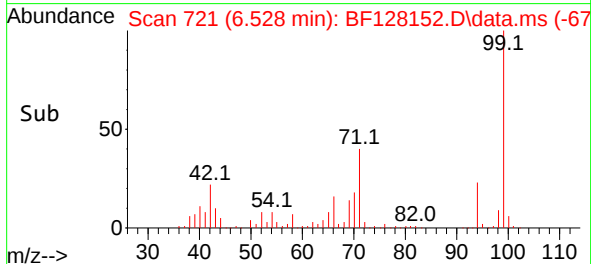
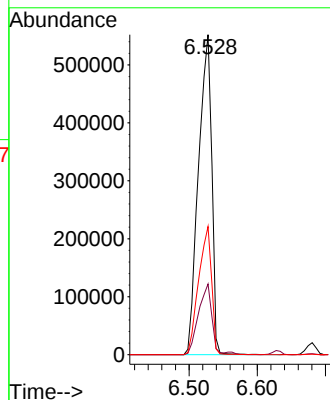
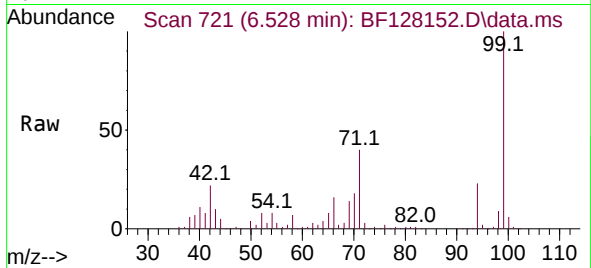
Tgt Ion: 99 Resp: 746381

Ion Ratio Lower Upper

99 100

42 22.1 16.6 24.8

71 40.0 30.0 45.0



#8

2-Chlorophenol

Concen: 50.674 ng

RT: 6.681 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

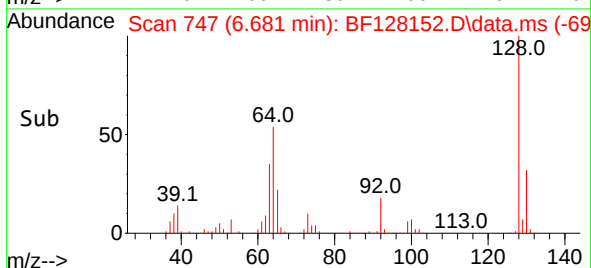
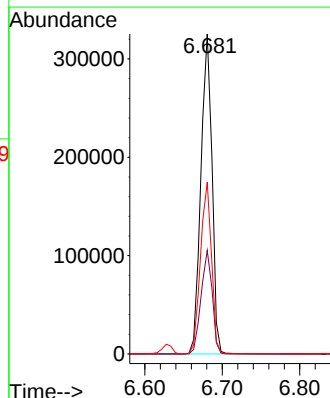
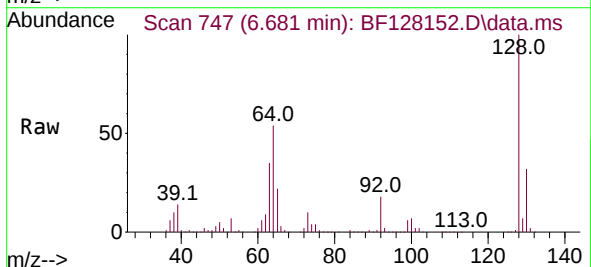
Tgt Ion:128 Resp: 323726

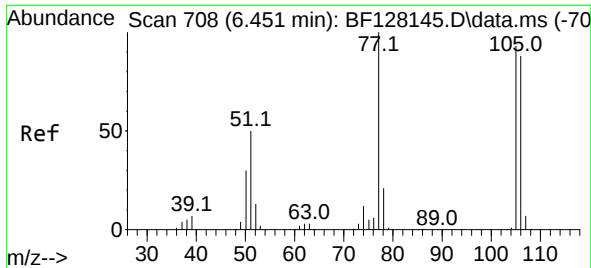
Ion Ratio Lower Upper

128 100

130 32.3 11.6 51.6

64 53.7 33.8 73.8

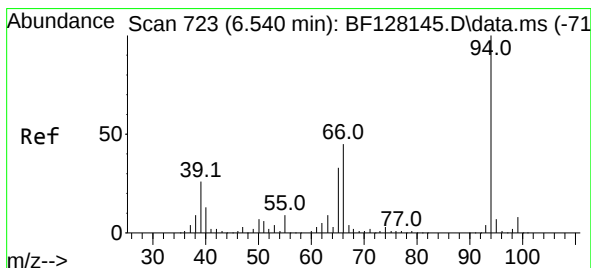
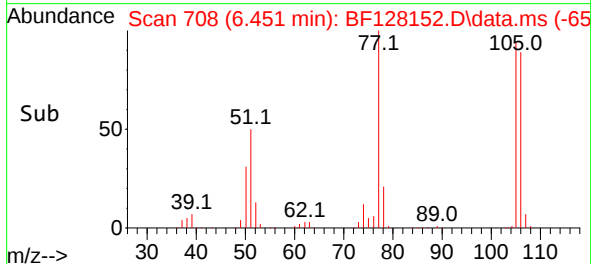
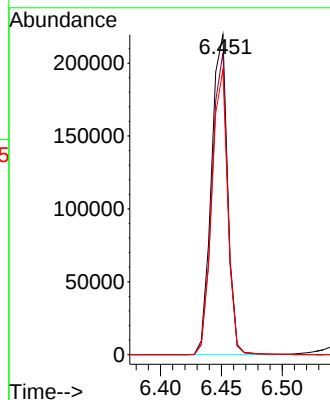
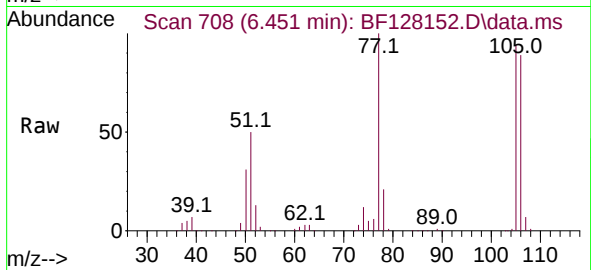




#9
Benzaldehyde
Concen: 59.905 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

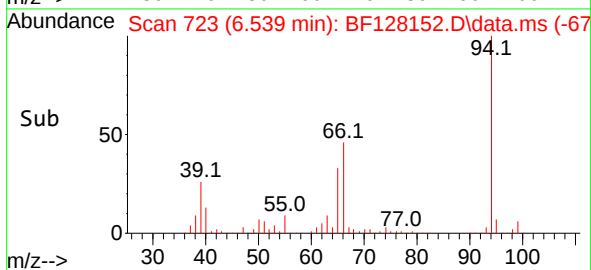
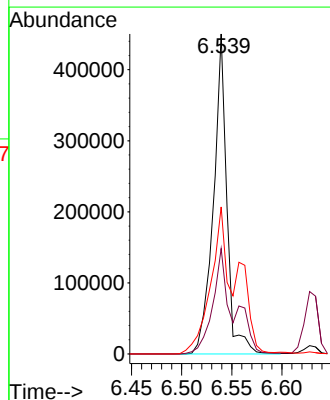
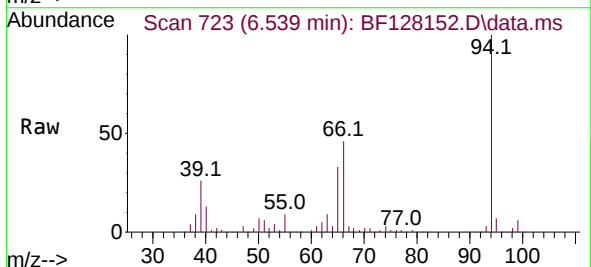
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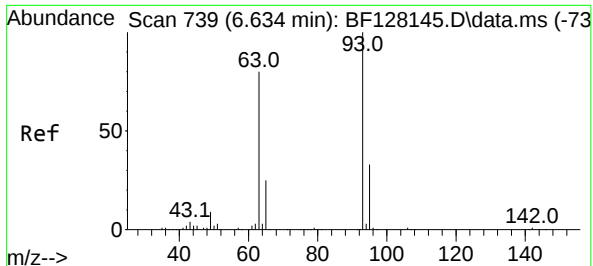
Tgt Ion: 77 Resp: 202012
Ion Ratio Lower Upper
77 100
105 94.4 74.9 114.9
106 89.1 72.2 112.2



#10
Phenol
Concen: 48.319 ng
RT: 6.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion: 94 Resp: 422717
Ion Ratio Lower Upper
94 100
65 32.9 10.6 50.6
66 46.0 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 49.762 ng

RT: 6.628 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

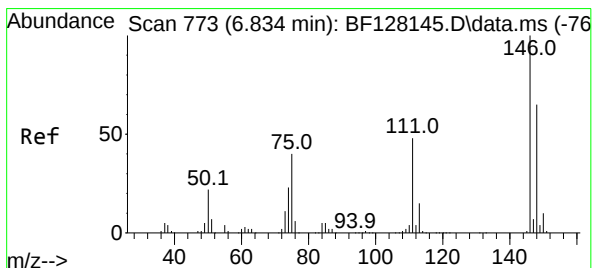
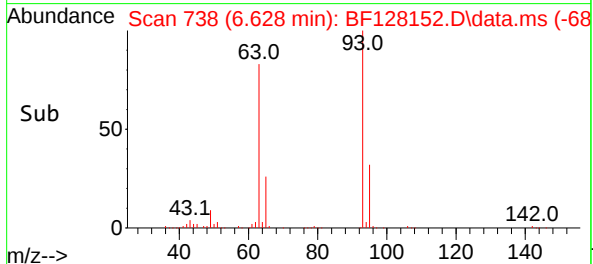
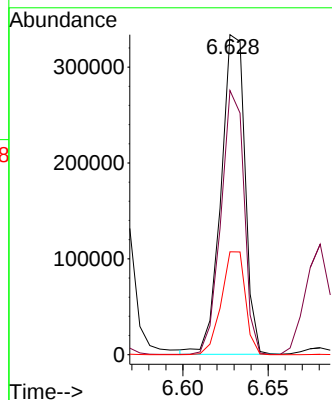
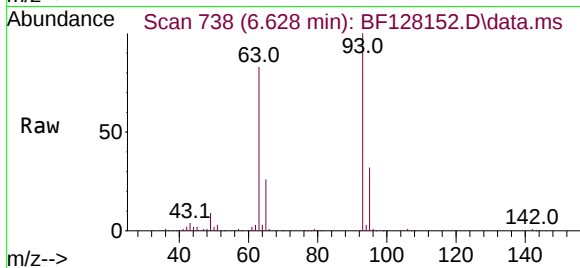
Tgt Ion: 93 Resp: 326031

Ion Ratio Lower Upper

93 100

63 82.5 58.6 98.6

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.823 ng

RT: 6.833 min Scan# 773

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

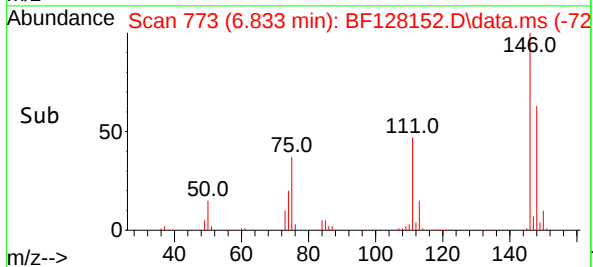
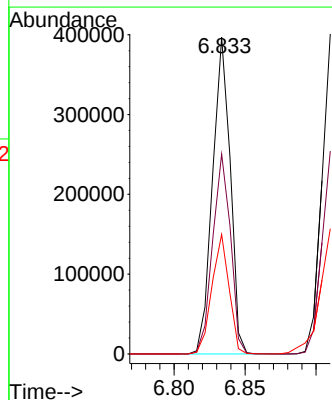
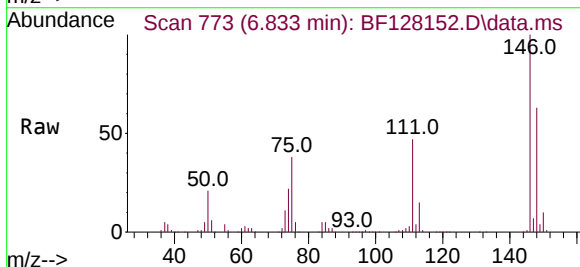
Tgt Ion:146 Resp: 343871

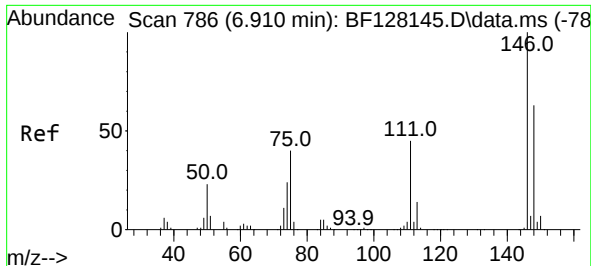
Ion Ratio Lower Upper

146 100

148 63.2 52.1 78.1

75 37.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 47.765 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

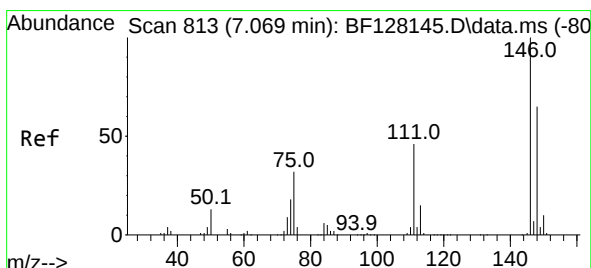
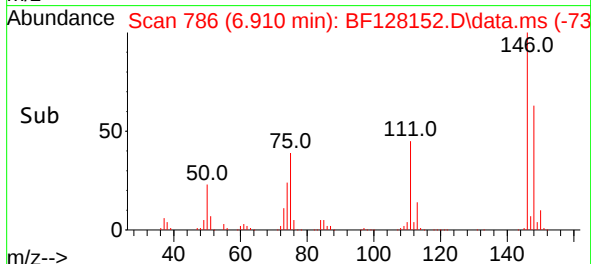
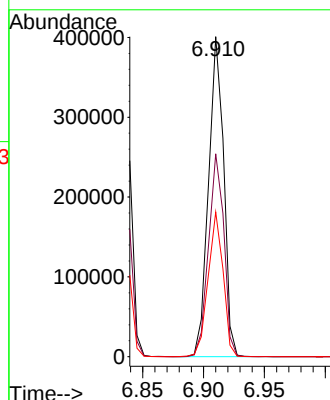
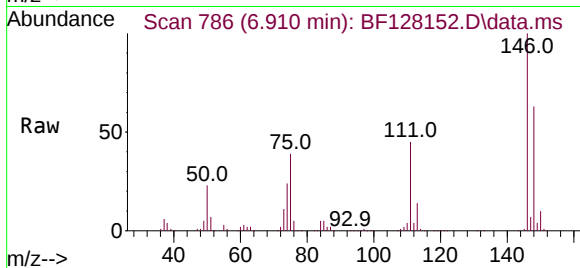
Tgt Ion:146 Resp: 347045

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

111 45.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 48.992 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

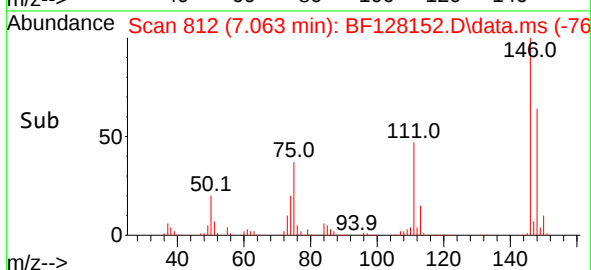
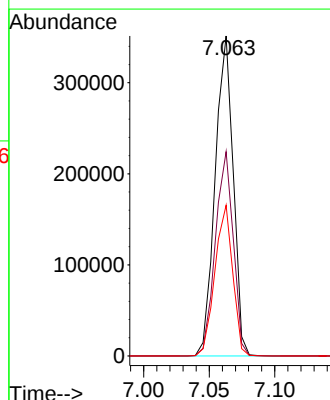
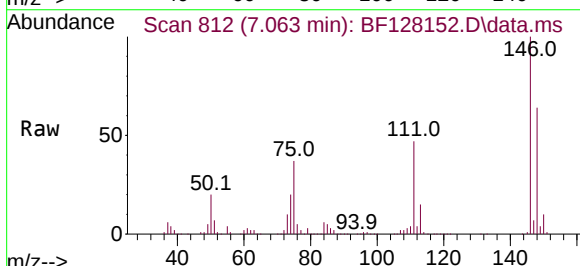
Tgt Ion:146 Resp: 335437

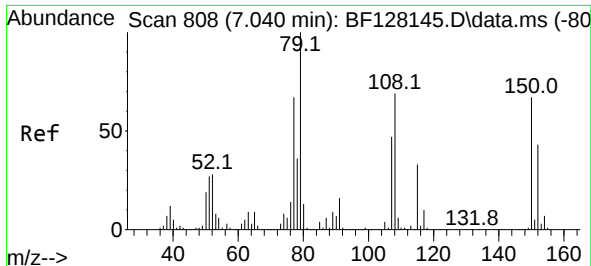
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 47.1 36.6 55.0

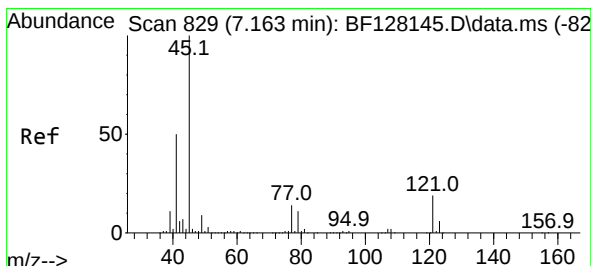
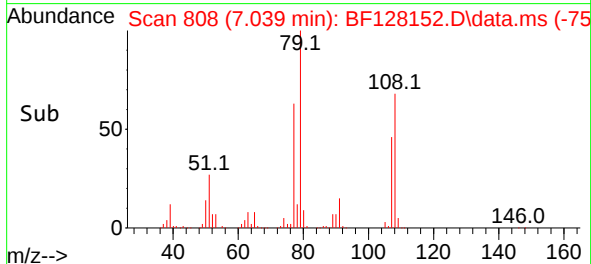
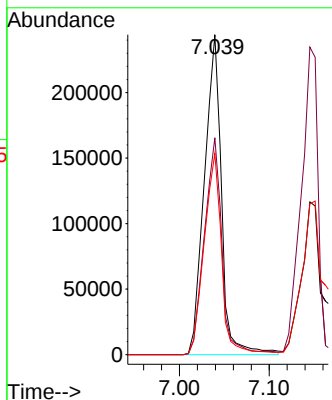
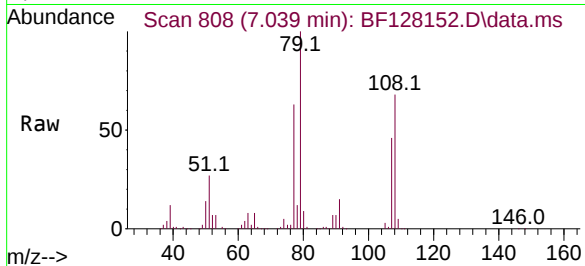




#15
Benzyl Alcohol
Concen: 49.270 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

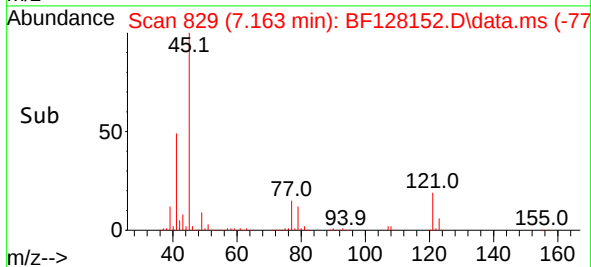
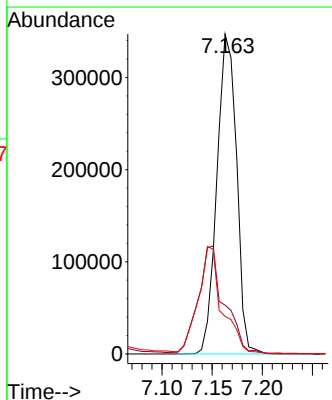
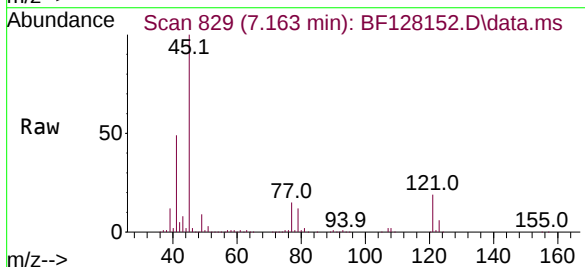
Instrument :
BNA_F
ClientSampleId :
PB144686BS

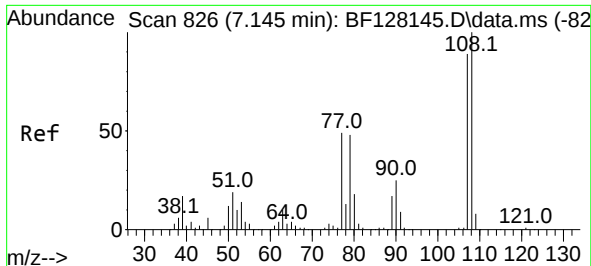
Tgt Ion: 79 Resp: 323010
Ion Ratio Lower Upper
79 100
108 67.8 57.0 85.6
77 62.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.584 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

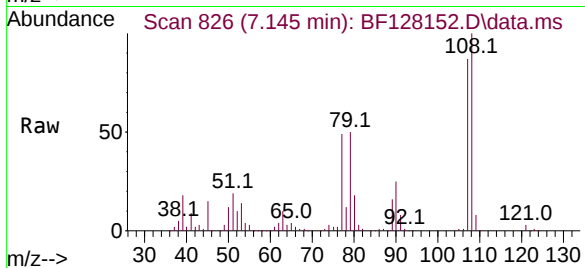
Tgt Ion: 45 Resp: 472023
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.9
79 11.7 0.0 31.6



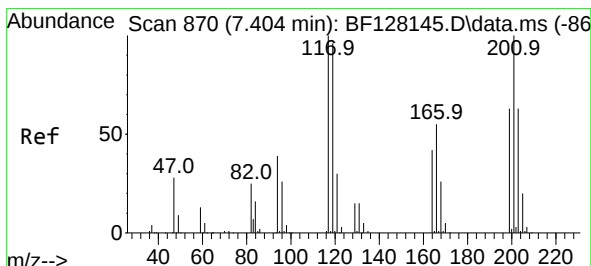
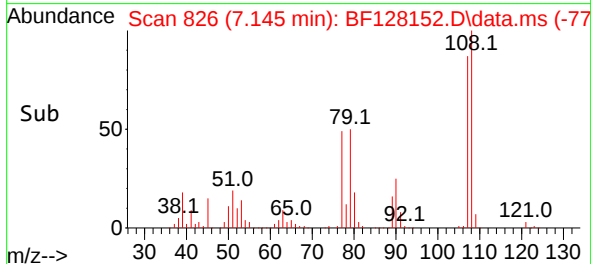
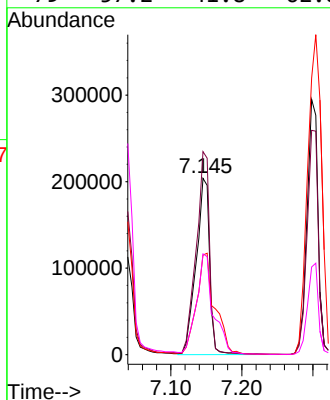


#17
2-Methylphenol
Concen: 50.031 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Instrument :
BNA_F
ClientSampleId :
PB144686BS

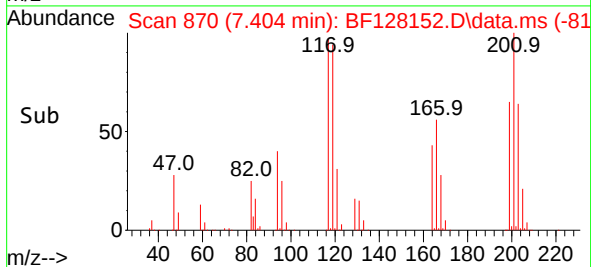
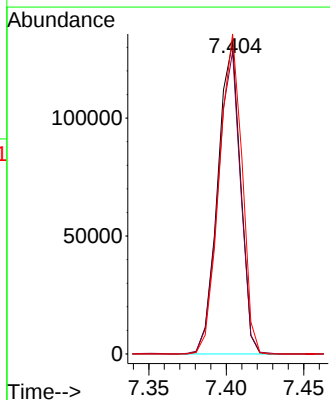
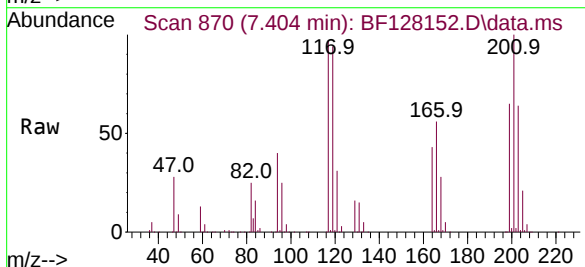


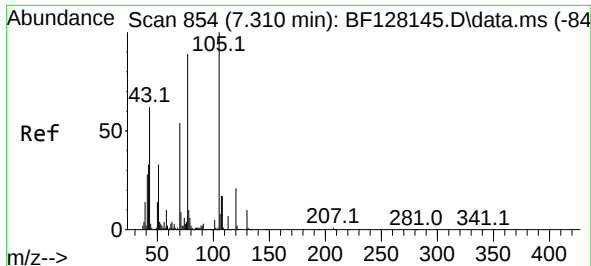
Tgt Ion:	107	Resp:	271162
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.2	135.2
77	56.5	41.9	62.9
79	57.2	41.8	62.8



#18
Hexachloroethane
Concen: 48.948 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:	117	Resp:	134360
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.4
201	102.8	84.4	126.6

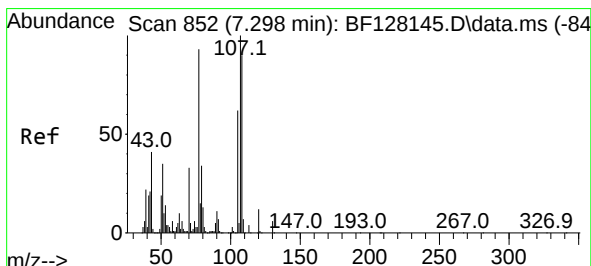
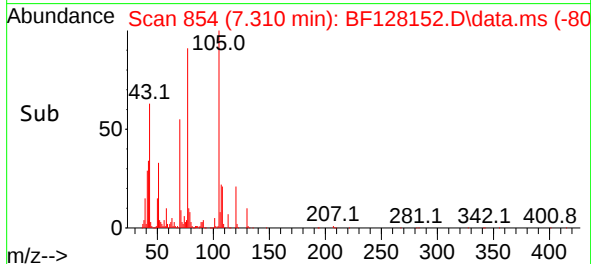
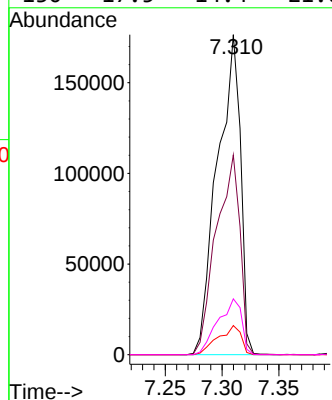
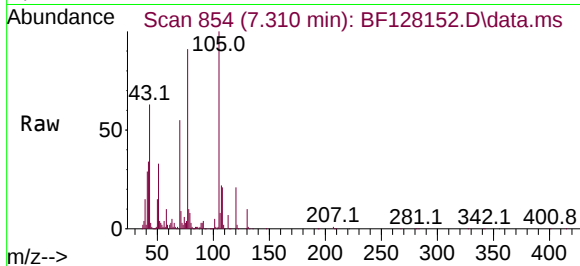




#19
n-Nitroso-di-n-propylamine
Concen: 48.809 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

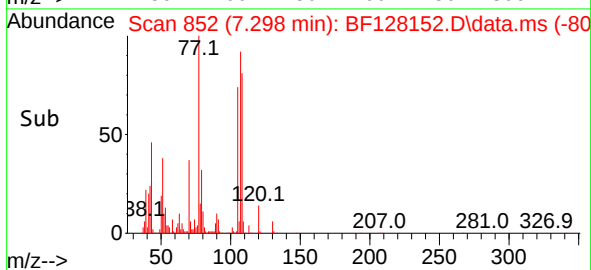
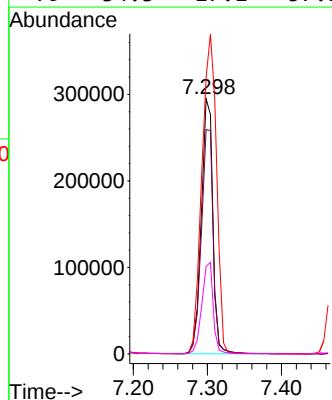
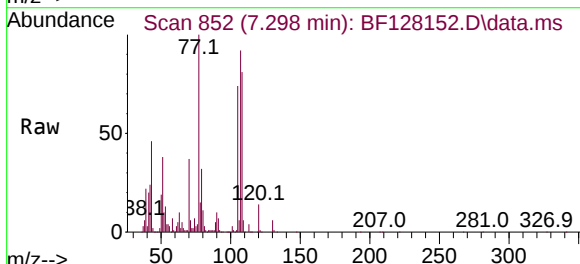
Instrument :
BNA_F
ClientSampleId :
PB144686BS

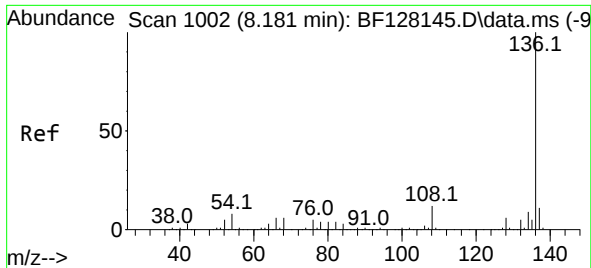
Tgt Ion: 70 Resp: 249357
Ion Ratio Lower Upper
70 100
42 62.4 48.7 73.1
101 9.1 7.2 10.8
130 17.5 14.4 21.6



#20
3+4-Methylphenols
Concen: 47.632 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

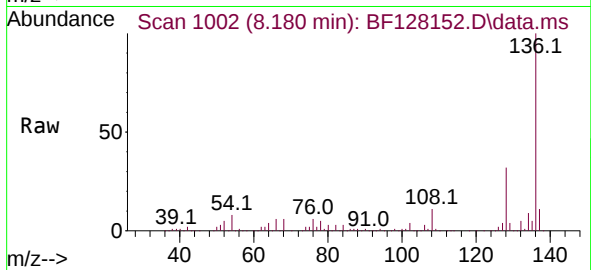
Tgt Ion: 107 Resp: 319643
Ion Ratio Lower Upper
107 100
108 87.9 73.4 113.4
77 108.4 71.1 111.1
79 34.3 17.1 57.1



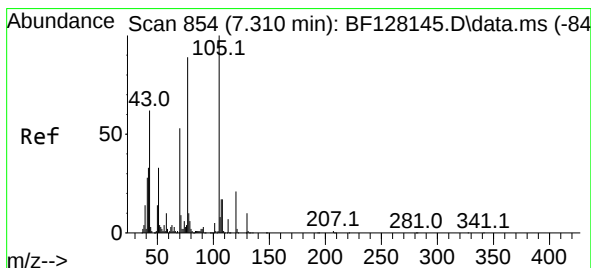
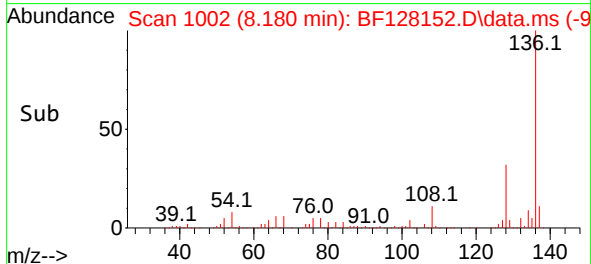
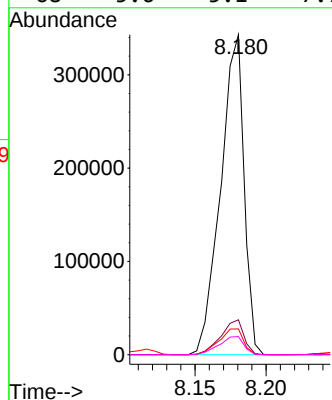


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Instrument :
BNA_F
ClientSampleId :
PB144686BS

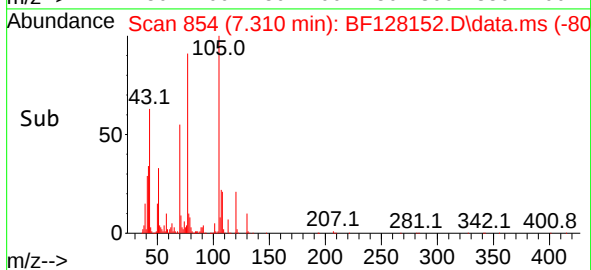
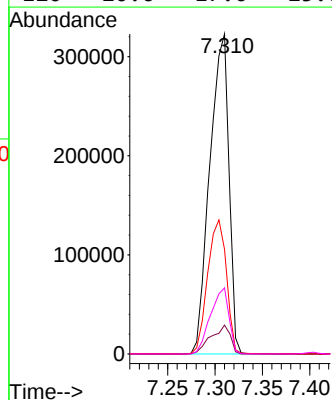
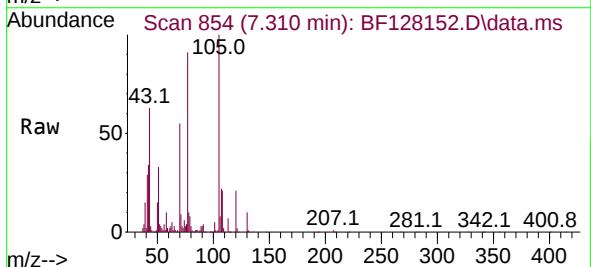


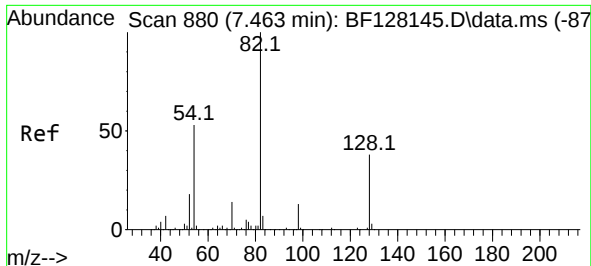
Tgt Ion:136 Resp: 393127
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 6.8 10.2
68 5.6 5.1 7.7



#22
Acetophenone
Concen: 46.254 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:105 Resp: 452794
Ion Ratio Lower Upper
105 100
71 9.0 7.3 10.9
51 32.7 23.7 35.5
120 20.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.896 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

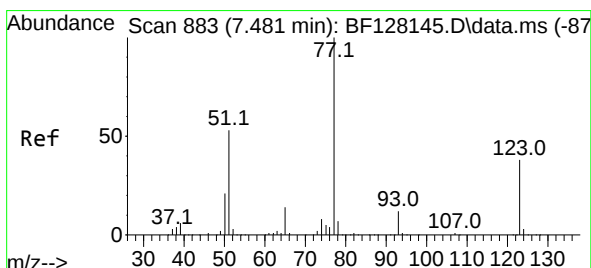
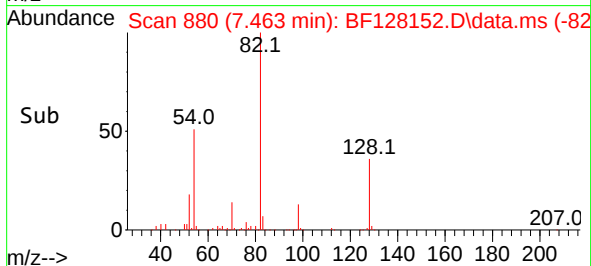
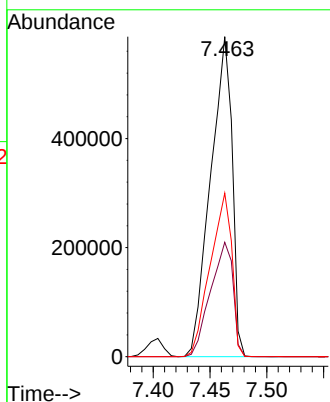
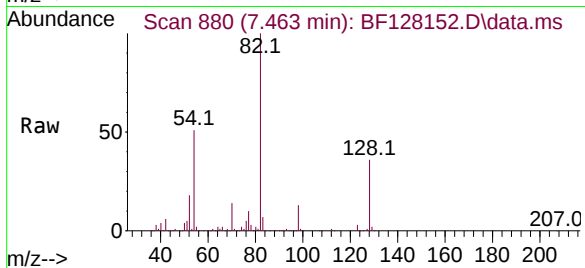
Tgt Ion: 82 Resp: 776670

Ion Ratio Lower Upper

82 100

128 35.8 30.0 45.0

54 51.1 41.3 61.9



#24

Nitrobenzene

Concen: 48.244 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

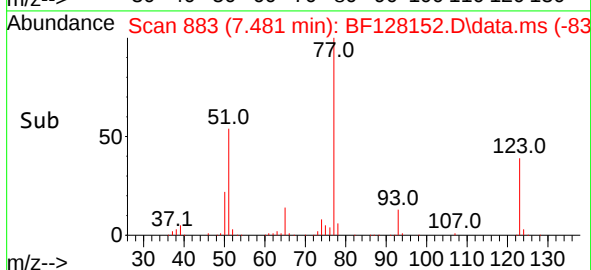
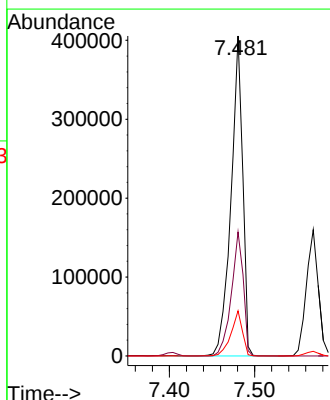
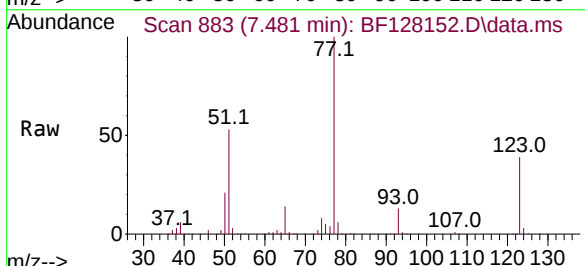
Tgt Ion: 77 Resp: 389017

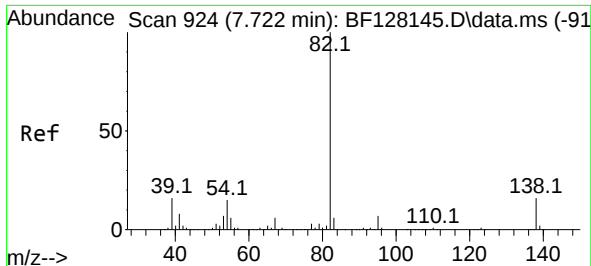
Ion Ratio Lower Upper

77 100

123 38.8 32.0 48.0

65 14.1 11.0 16.6

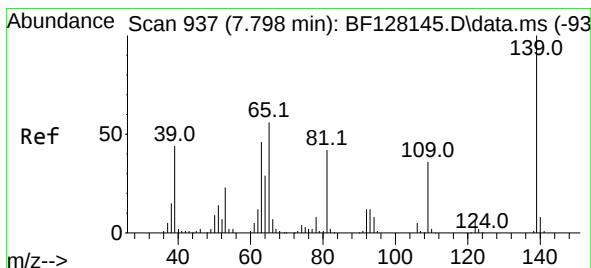
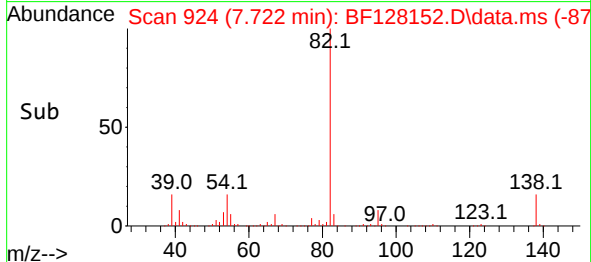
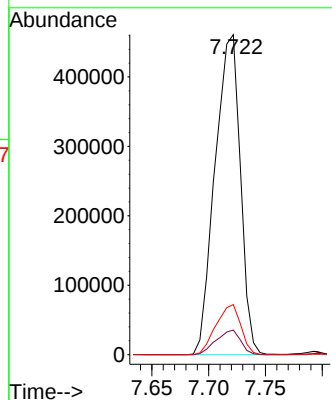
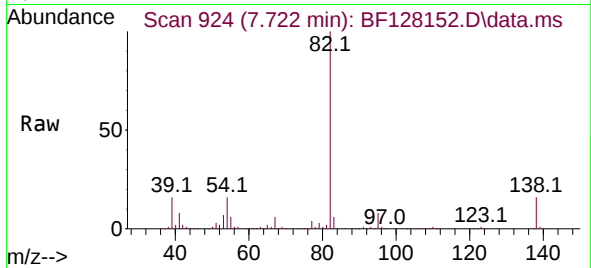




#25
Isophorone
Concen: 52.237 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

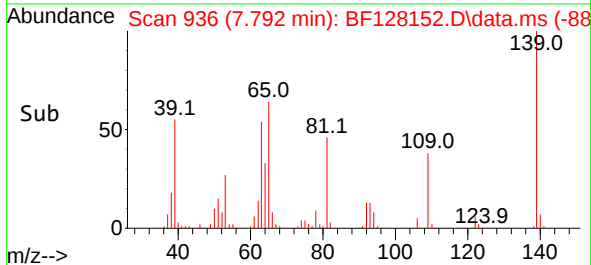
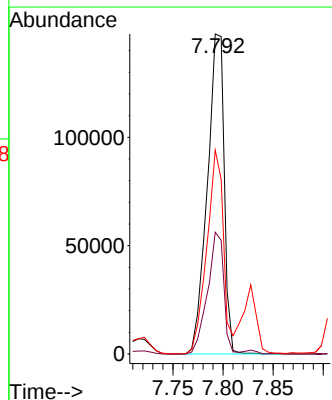
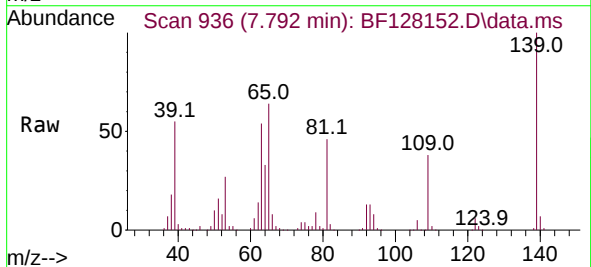
Instrument :
BNA_F
ClientSampleId :
PB144686BS

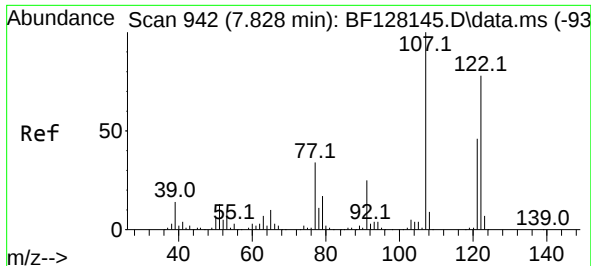
Tgt Ion: 82 Resp: 715505
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.6 12.5 18.7



#26
2-Nitrophenol
Concen: 49.071 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:139 Resp: 173747
Ion Ratio Lower Upper
139 100
109 38.1 27.4 41.2
65 63.7 50.8 76.2

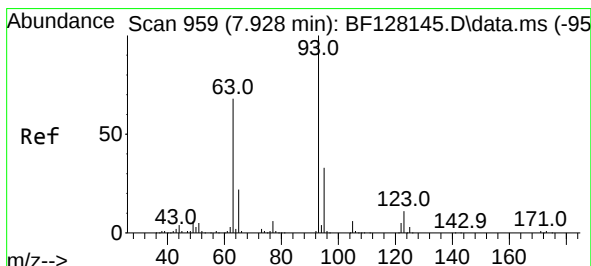
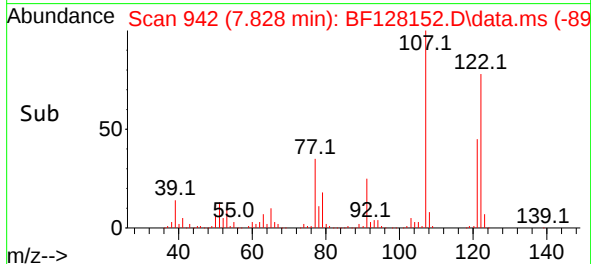
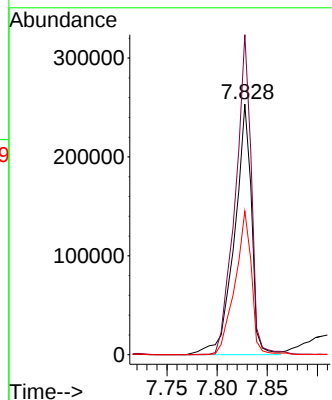
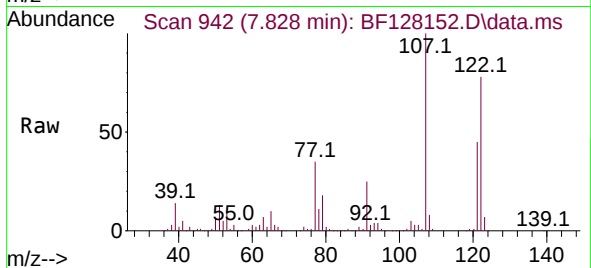




#27
2,4-Dimethylphenol
Concen: 54.722 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

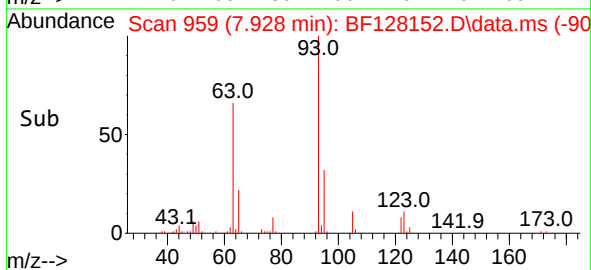
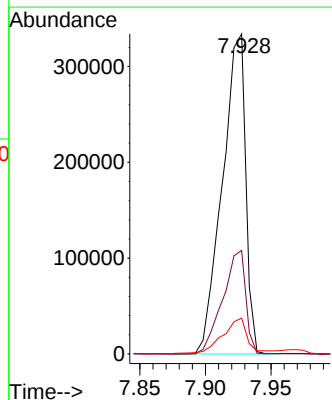
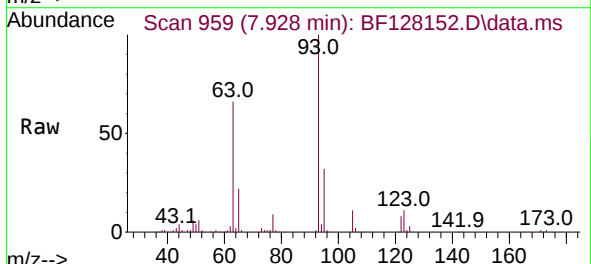
Instrument :
BNA_F
ClientSampleId :
PB144686BS

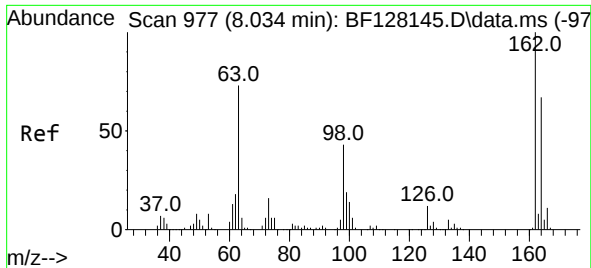
Tgt Ion:122 Resp: 298645
Ion Ratio Lower Upper
122 100
107 127.7 97.5 146.3
121 57.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.686 ng
RT: 7.928 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion: 93 Resp: 412873
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.991 ng

RT: 8.033 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

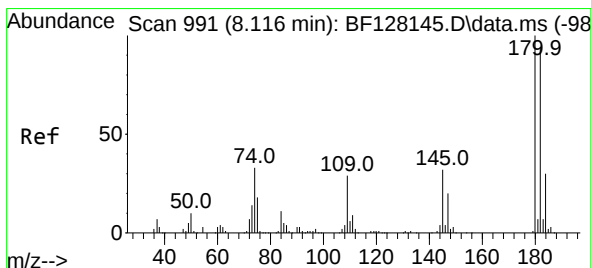
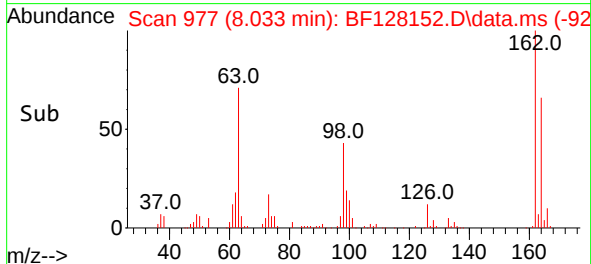
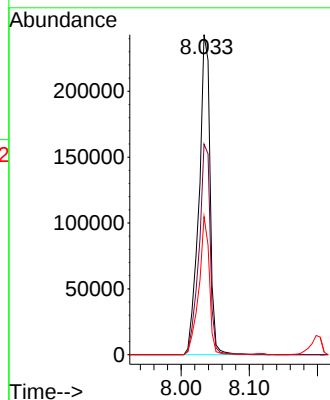
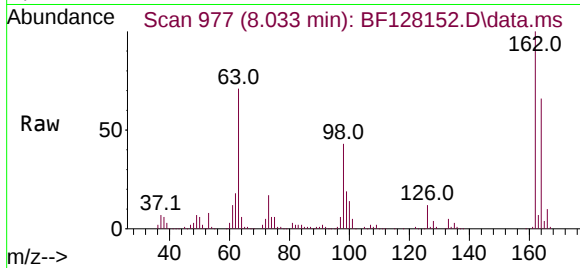
Tgt Ion:162 Resp: 275348

Ion Ratio Lower Upper

162 100

164 65.8 47.1 87.1

98 43.1 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 46.710 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

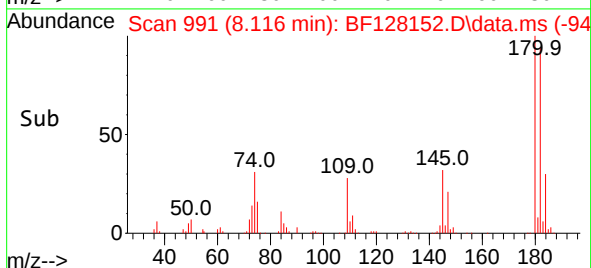
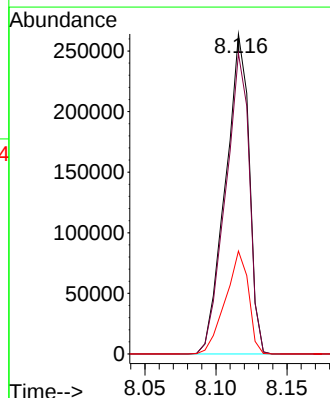
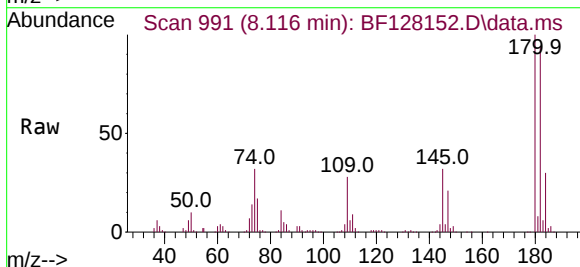
Tgt Ion:180 Resp: 307151

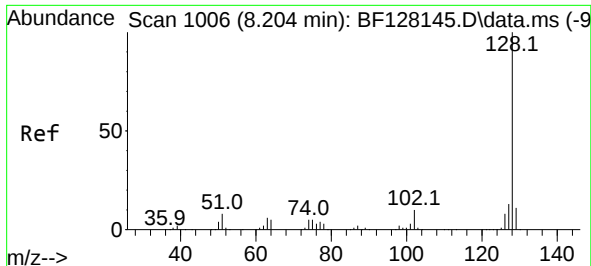
Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

145 32.2 25.1 37.7

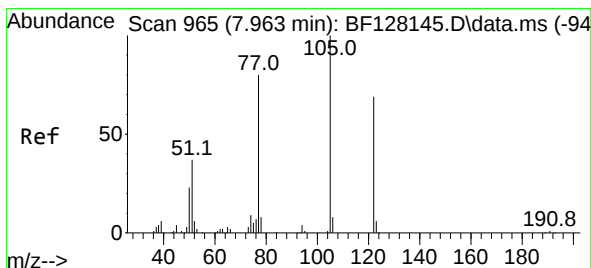
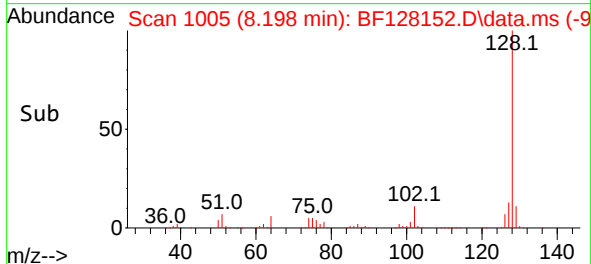
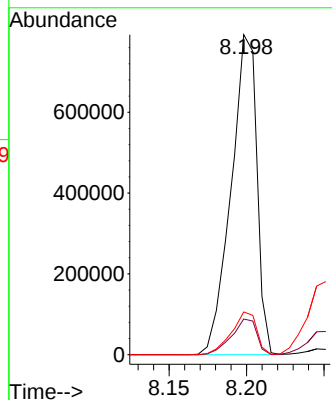
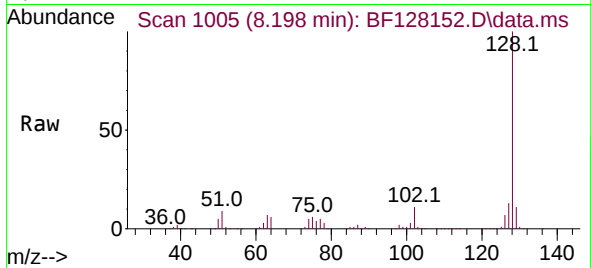




#31
Naphthalene
Concen: 47.245 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

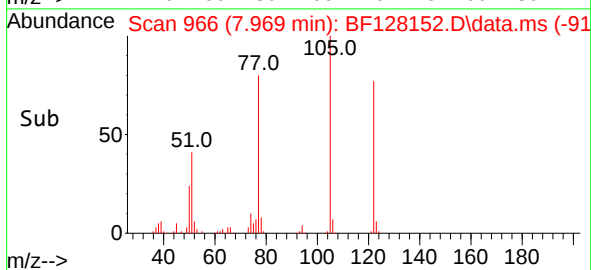
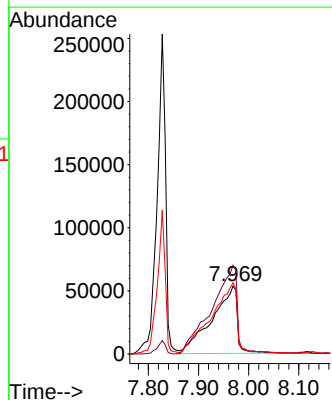
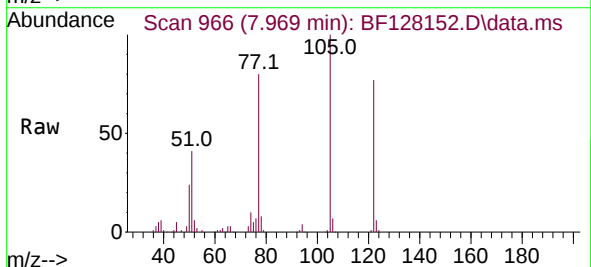
Instrument :
BNA_F
ClientSampleId :
PB144686BS

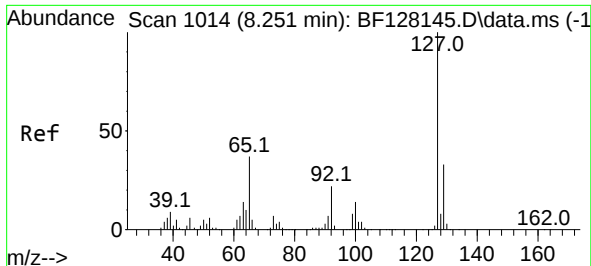
Tgt Ion:128 Resp: 917276
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 45.955 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:122 Resp: 187561
Ion Ratio Lower Upper
122 100
105 130.7 107.9 147.9
77 104.7 82.5 122.5

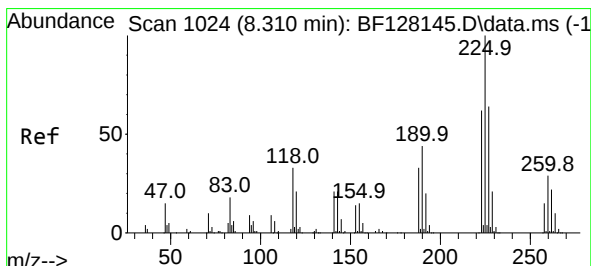
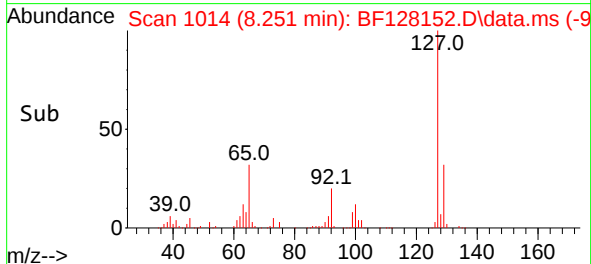
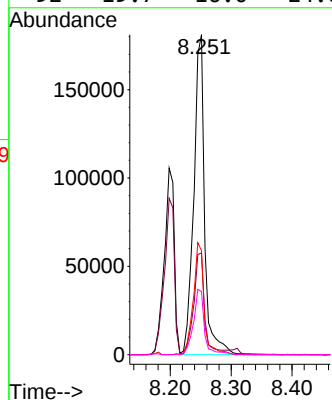
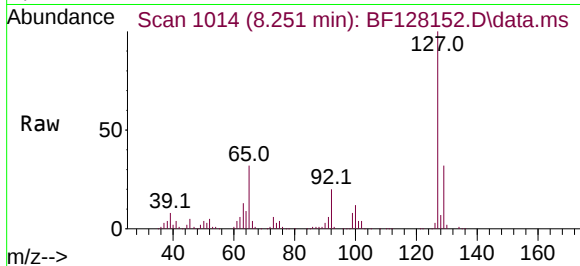




#33
4-Chloroaniline
Concen: 29.207 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

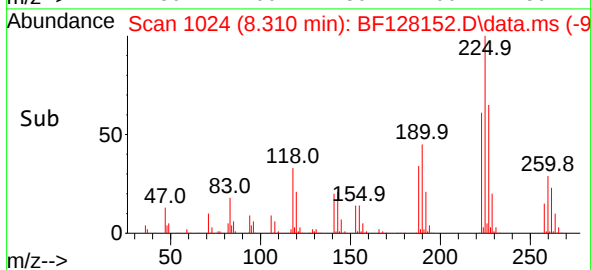
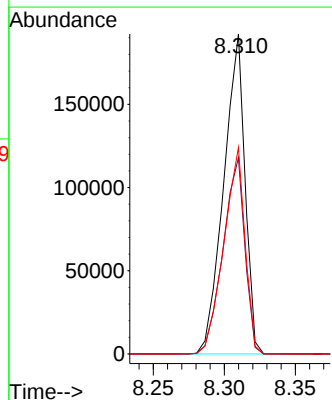
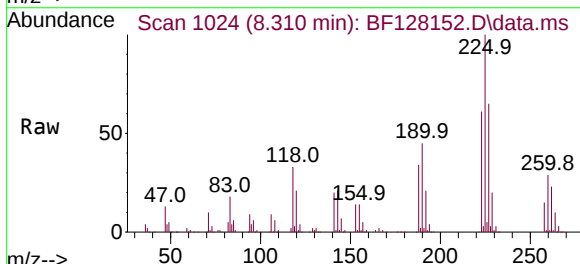
Instrument :
BNA_F
ClientSampleId :
PB144686BS

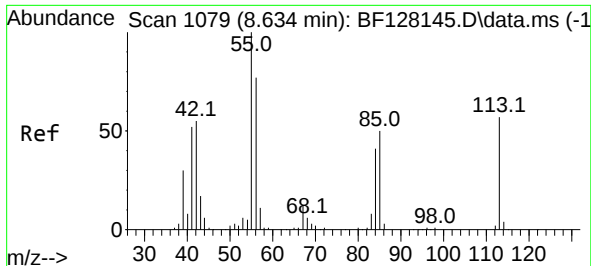
Tgt Ion:	127	Resp:	225110
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	32.5	26.7	40.1
92	19.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 45.317 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:	225	Resp:	200098
Ion	Ratio	Lower	Upper
225	100		
223	61.3	52.0	78.0
227	64.5	50.7	76.1

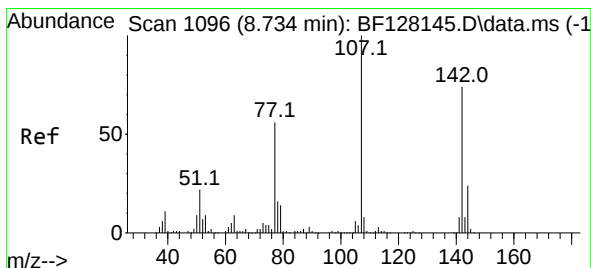
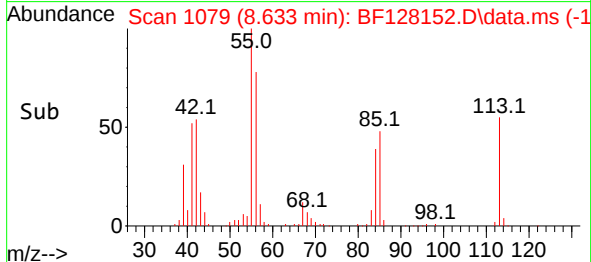
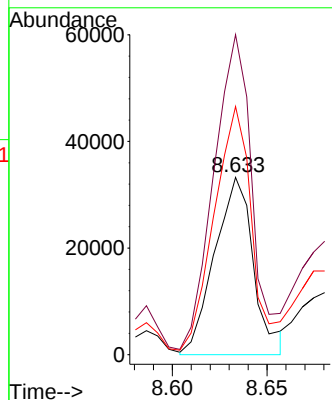
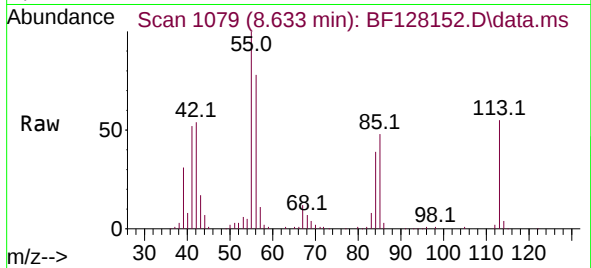




#35
 Caprolactam
 Concen: 25.354 ng
 RT: 8.633 min Scan# 1079
 Delta R.T. -0.000 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

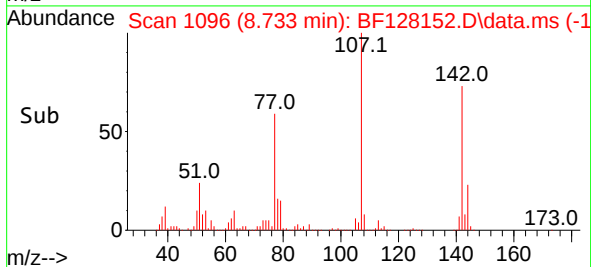
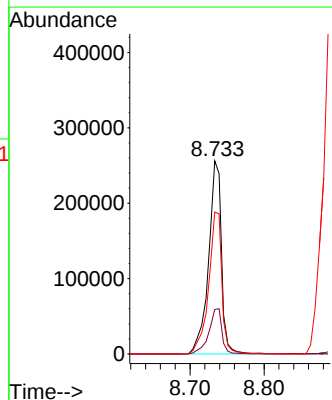
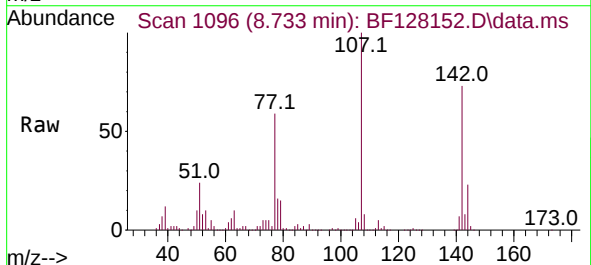
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BS

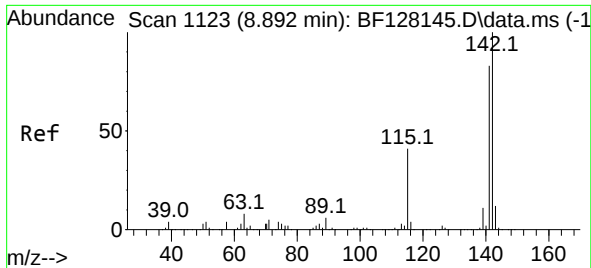
Tgt Ion:113 Resp: 47486
 Ion Ratio Lower Upper
 113 100
 55 180.5 157.4 197.4
 56 140.0 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.511 ng
 RT: 8.733 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

Tgt Ion:107 Resp: 310992
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.2 30.4
 142 73.5 61.5 92.3

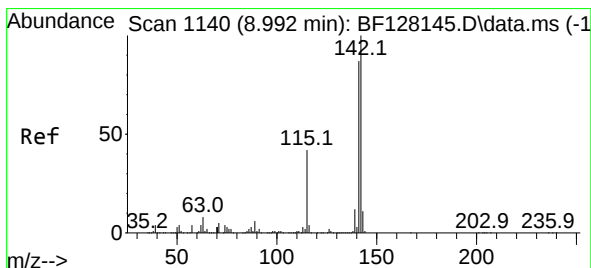
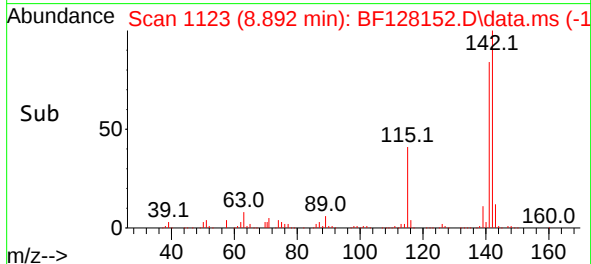
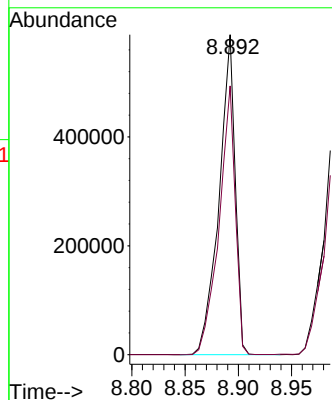
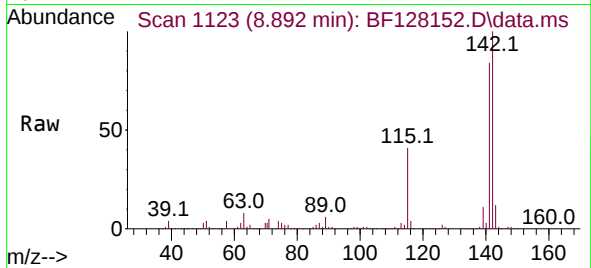




#37
2-Methylnaphthalene
Concen: 47.194 ng
RT: 8.892 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

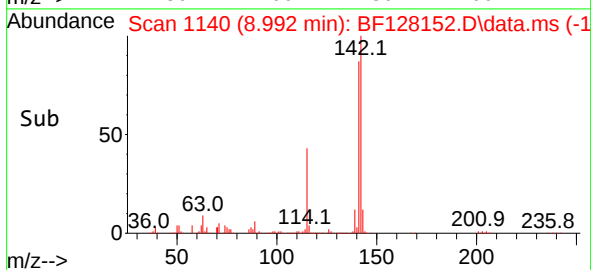
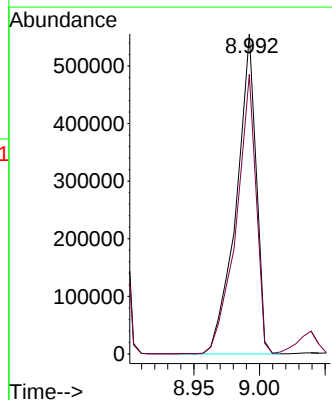
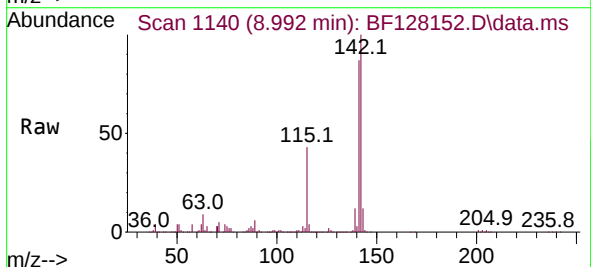
Instrument :
BNA_F
ClientSampleId :
PB144686BS

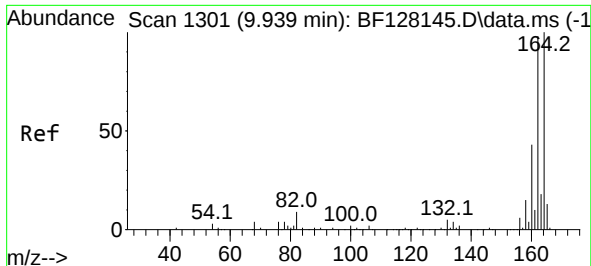
Tgt Ion:142 Resp: 617772
Ion Ratio Lower Upper
142 100
141 84.0 67.4 101.2



#38
1-Methylnaphthalene
Concen: 46.671 ng
RT: 8.992 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:142 Resp: 586760
Ion Ratio Lower Upper
142 100
141 87.4 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: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

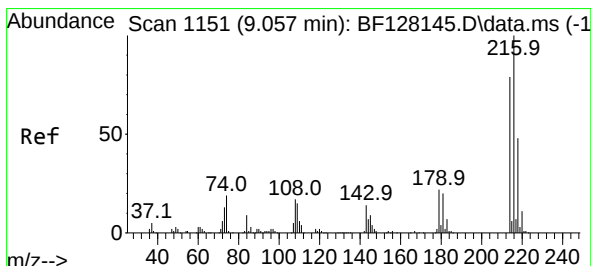
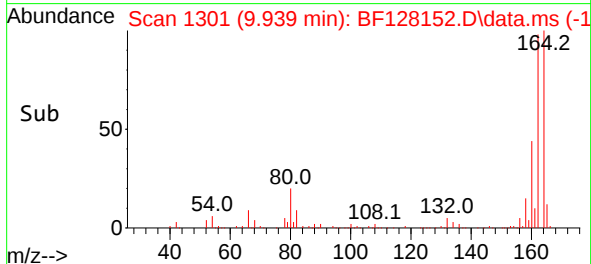
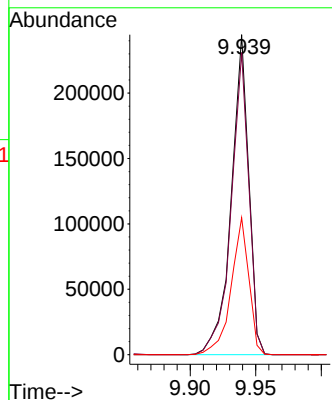
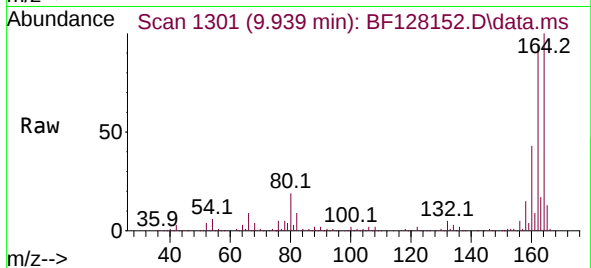
Tgt Ion:164 Resp: 227767

Ion Ratio Lower Upper

164 100

162 94.4 76.0 114.0

160 42.8 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.603 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Tgt Ion:216 Resp: 306389

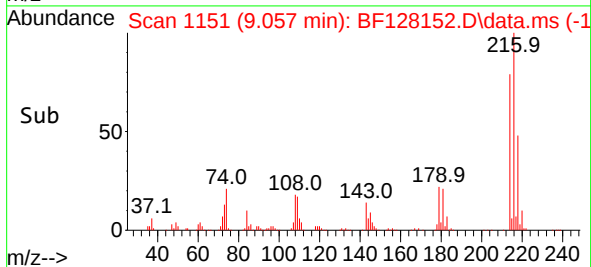
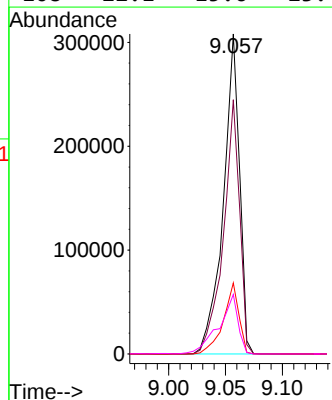
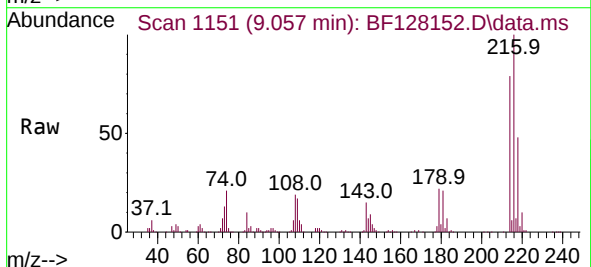
Ion Ratio Lower Upper

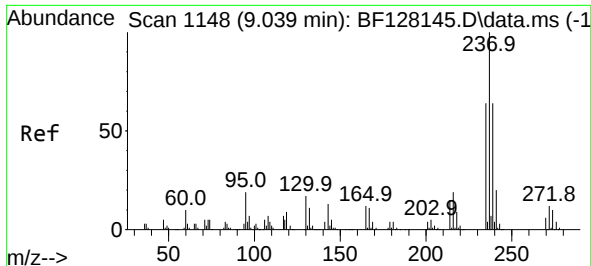
216 100

214 78.7 62.6 94.0

179 21.4 16.9 25.3

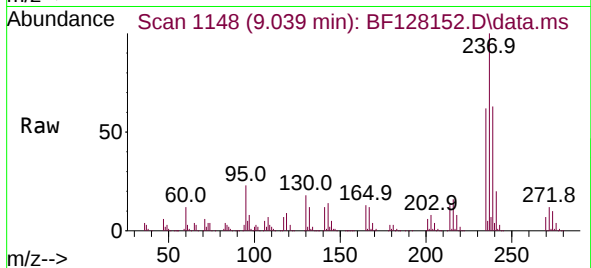
108 22.1 15.6 23.4



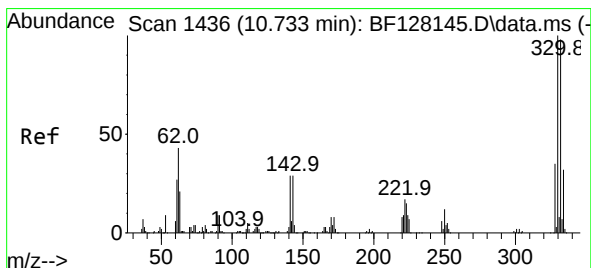
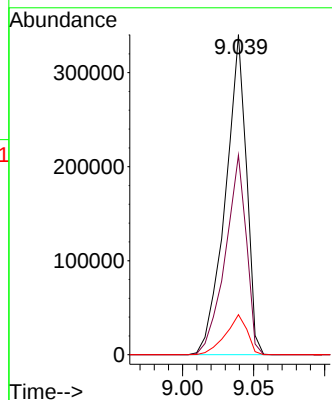
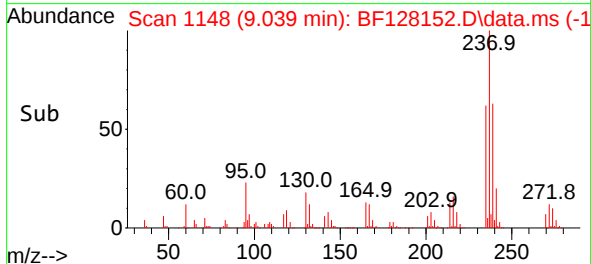


#41
Hexachlorocyclopentadiene
Concen: 111.880 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

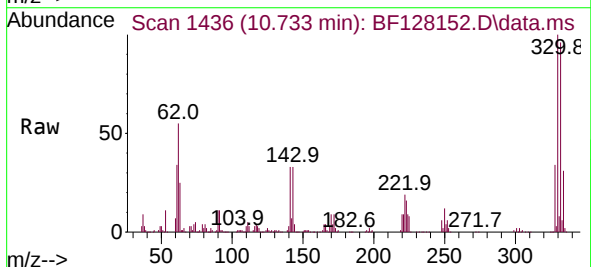
Instrument :
BNA_F
ClientSampleId :
PB144686BS



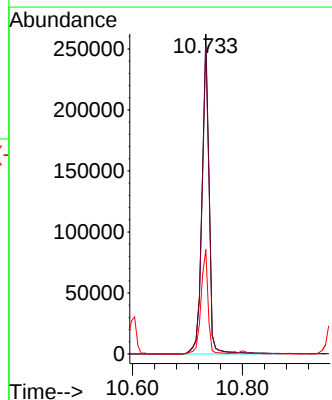
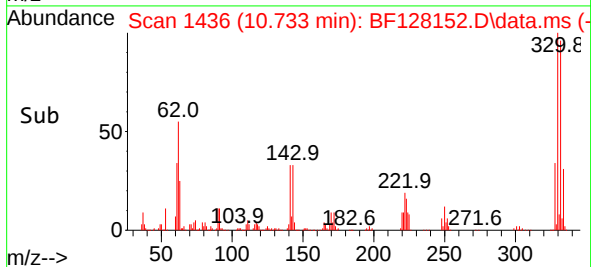
Tgt Ion:237 Resp: 350247
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.5 0.0 32.1

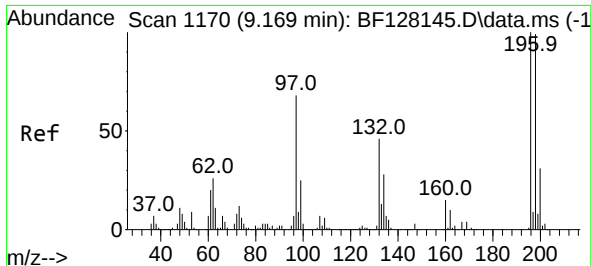


#42
2,4,6-Tribromophenol
Concen: 90.446 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44



Tgt Ion:330 Resp: 236265
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 32.3 28.9 43.3

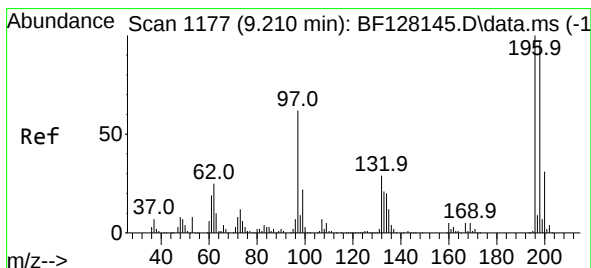
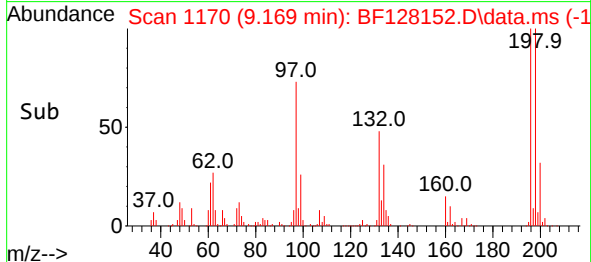
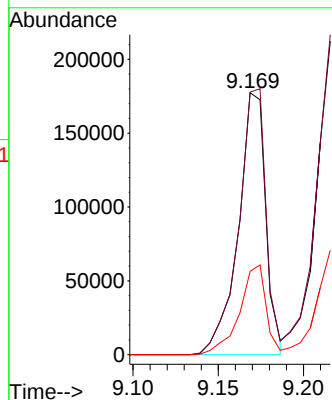
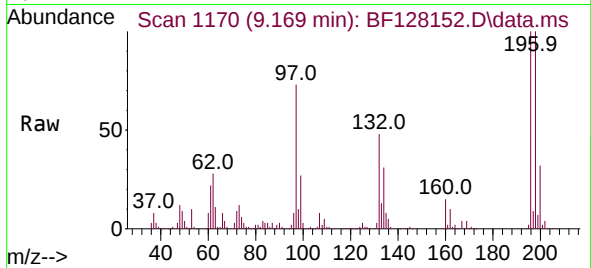




#43
2,4,6-Trichlorophenol
Concen: 46.036 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

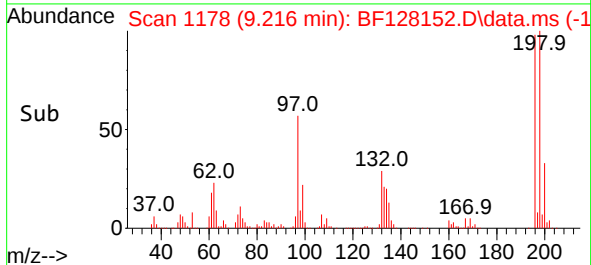
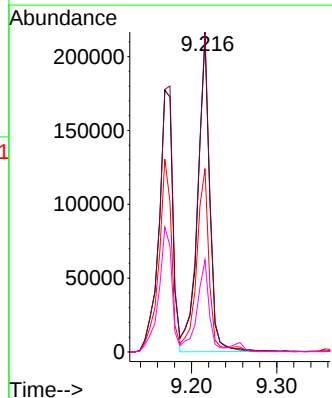
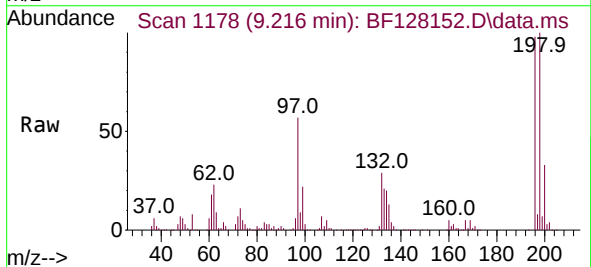
Instrument :
BNA_F
ClientSampleId :
PB144686BS

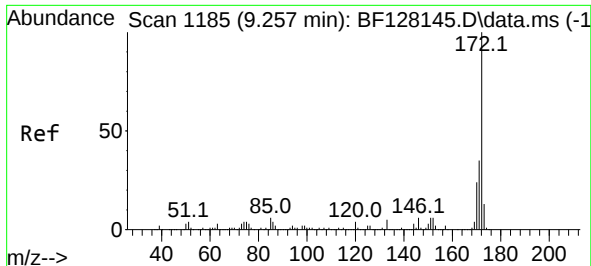
Tgt Ion:196 Resp: 199269
Ion Ratio Lower Upper
196 100
198 100.2 80.4 120.6
200 31.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 45.080 ng
RT: 9.216 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:196 Resp: 208060
Ion Ratio Lower Upper
196 100
198 102.1 80.2 120.2
97 58.5 50.3 75.5
132 29.3 23.8 35.6

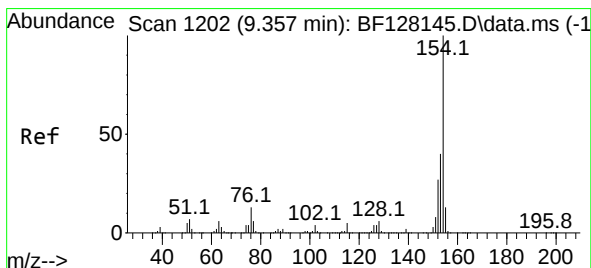
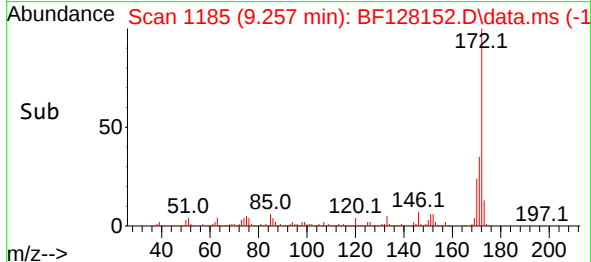
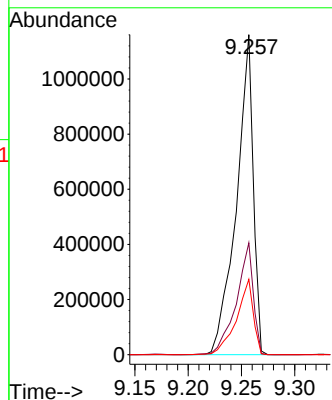
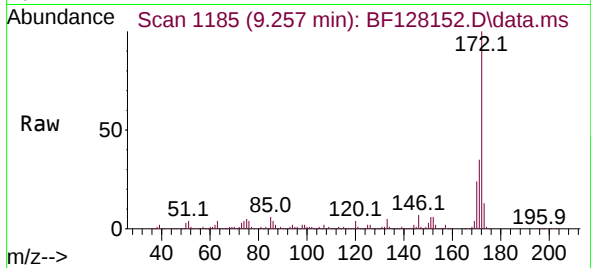




#45
2-Fluorobiphenyl
Concen: 87.663 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

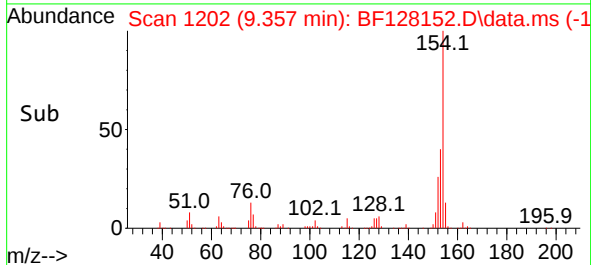
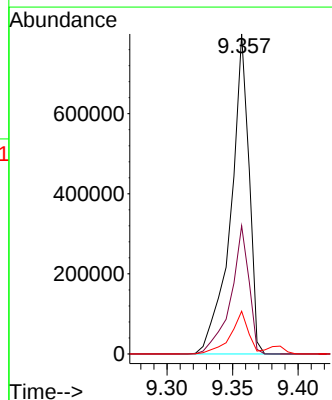
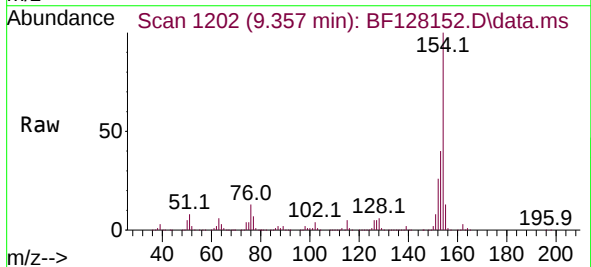
Instrument :
BNA_F
ClientSampleId :
PB144686BS

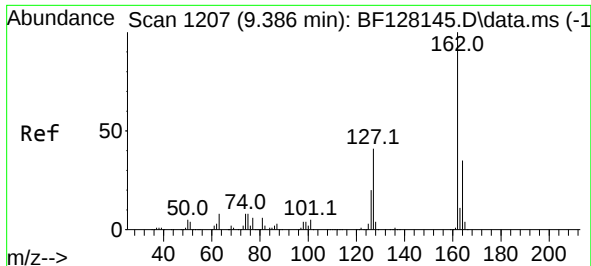
Tgt Ion:172 Resp: 1276085
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.536 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:154 Resp: 771640
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 13.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 46.116 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

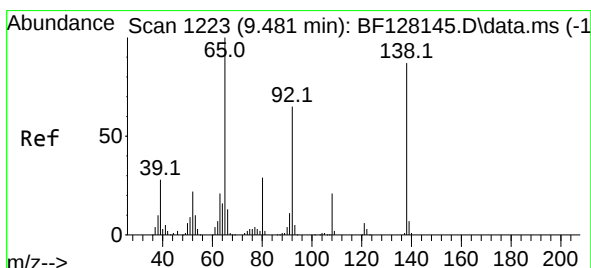
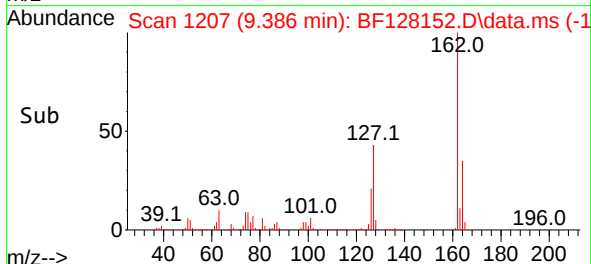
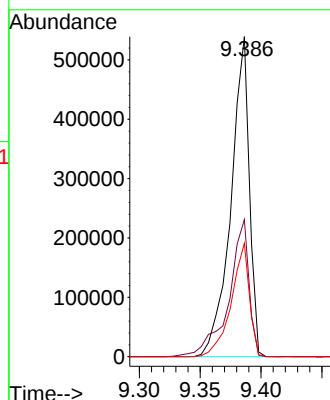
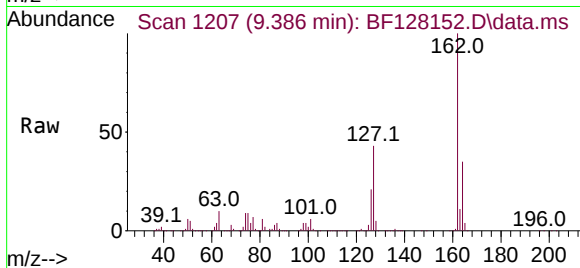
Tgt Ion:162 Resp: 566751

Ion Ratio Lower Upper

162 100

127 42.8 32.9 49.3

164 35.5 28.2 42.2



#48

2-Nitroaniline

Concen: 48.336 ng

RT: 9.486 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

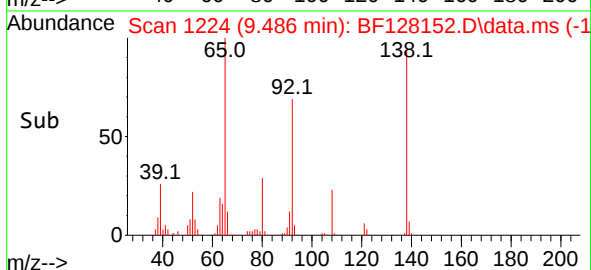
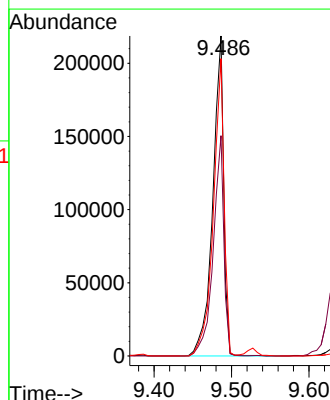
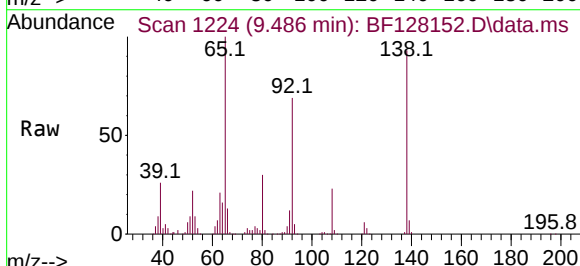
Tgt Ion: 65 Resp: 212976

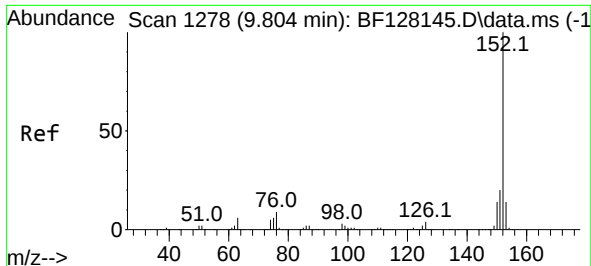
Ion Ratio Lower Upper

65 100

92 68.8 53.7 80.5

138 92.9 76.4 114.6

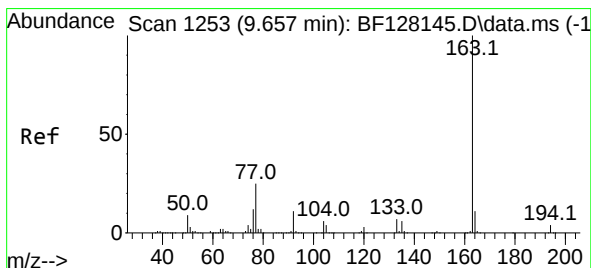
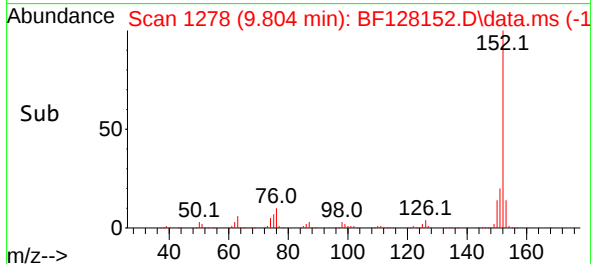
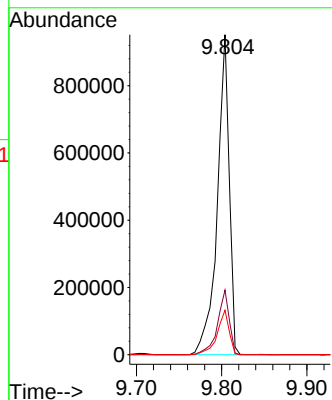
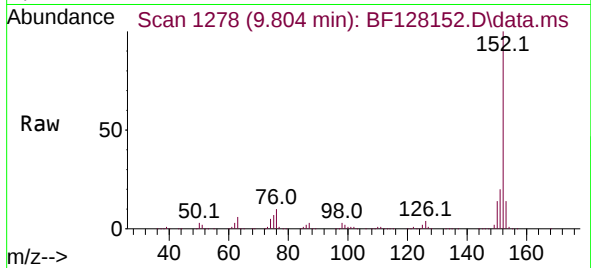




#49
Acenaphthylene
Concen: 49.793 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

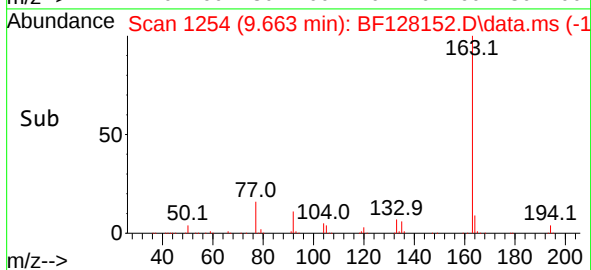
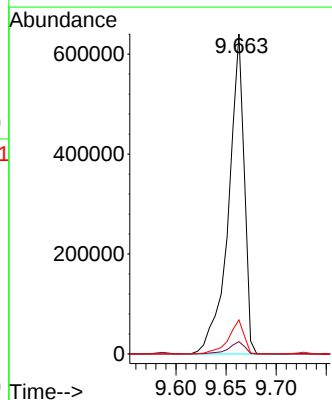
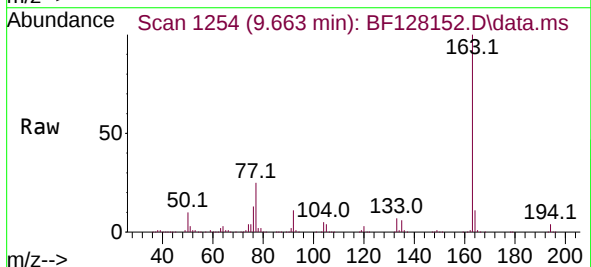
Instrument :
BNA_F
ClientSampleId :
PB144686BS

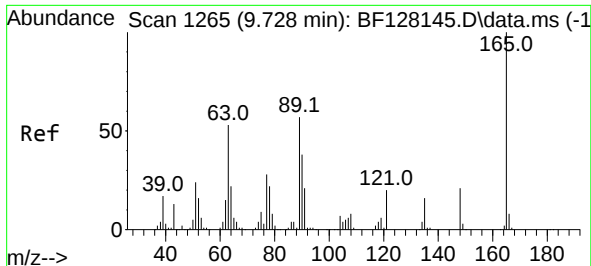
Tgt Ion:152 Resp: 925590
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.9 11.2 16.8



#50
Dimethylphthalate
Concen: 47.242 ng
RT: 9.663 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:163 Resp: 694368
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 50.164 ng

RT: 9.727 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

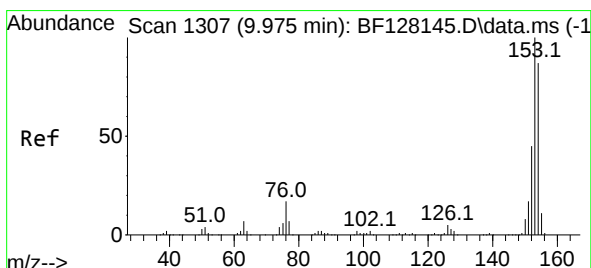
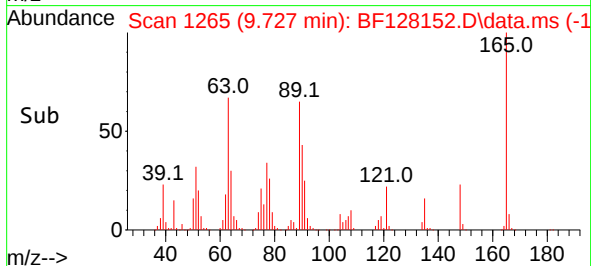
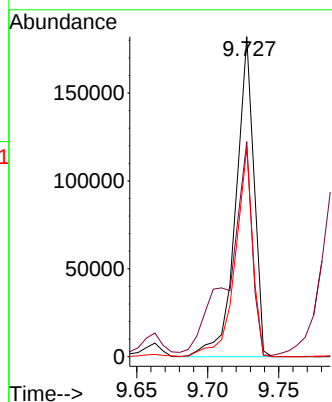
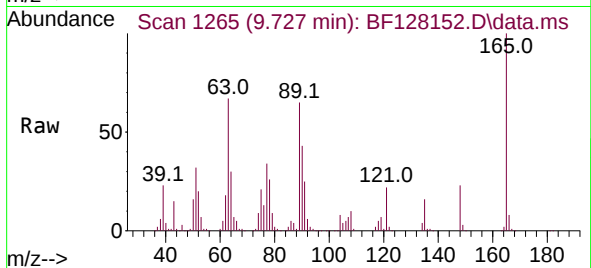
Tgt Ion:165 Resp: 161740

Ion Ratio Lower Upper

165 100

63 67.2 49.5 74.3

89 65.4 49.0 73.4



#52

Acenaphthene

Concen: 42.692 ng

RT: 9.974 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

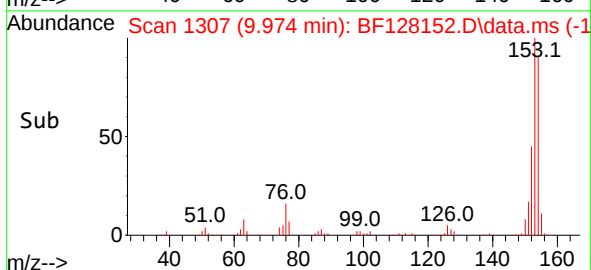
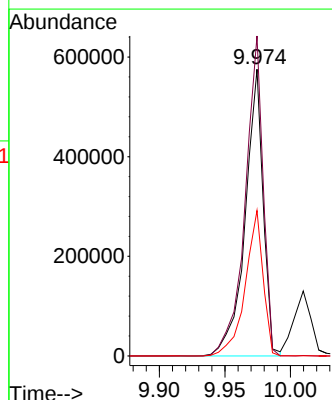
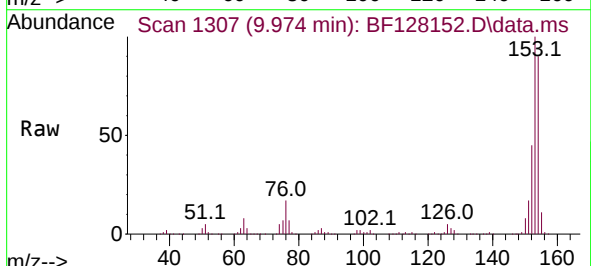
Tgt Ion:154 Resp: 550240

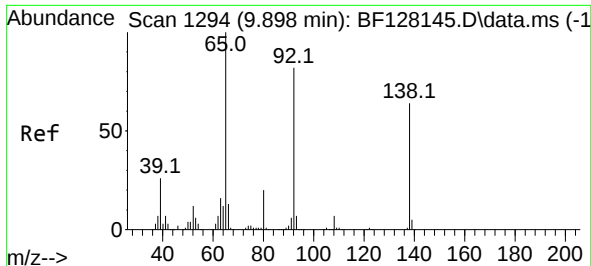
Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

152 50.8 41.0 61.6

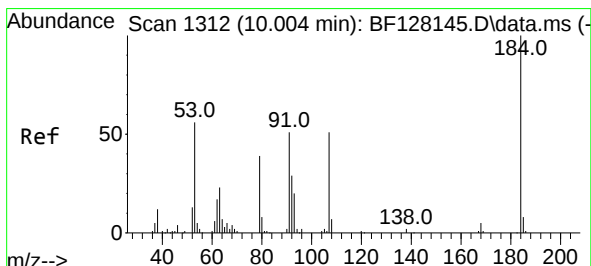
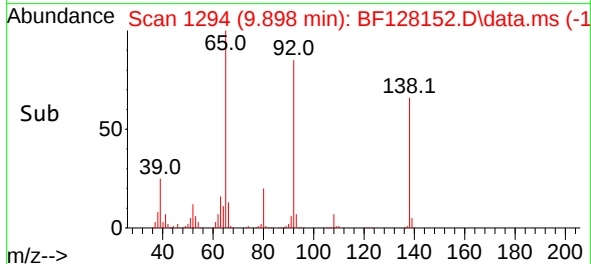
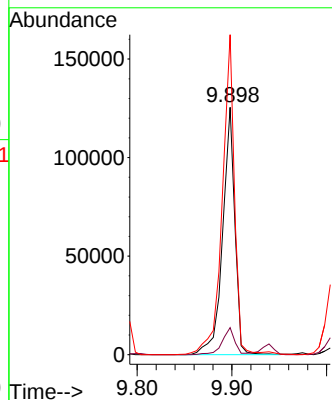
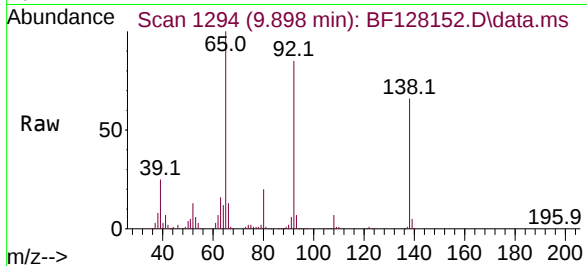




#53
3-Nitroaniline
Concen: 32.327 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

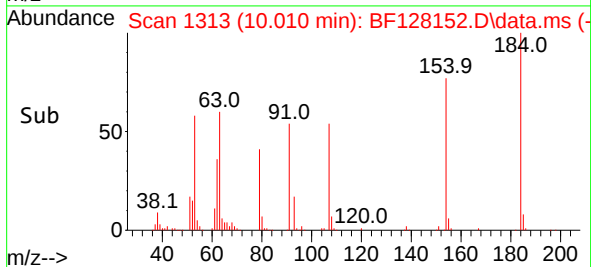
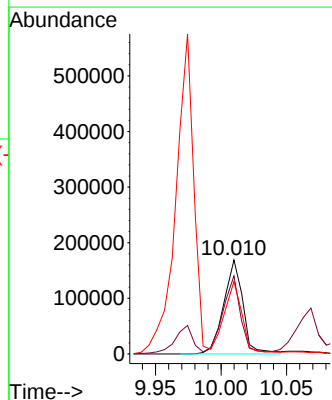
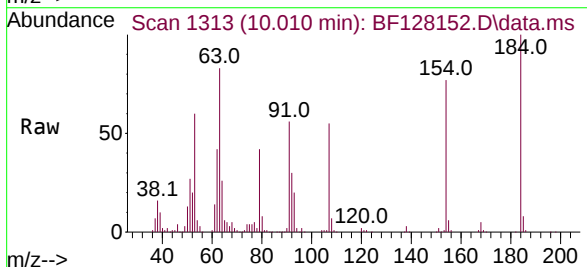
Instrument :
BNA_F
ClientSampleId :
PB144686BS

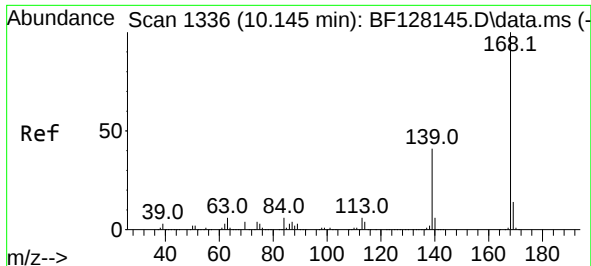
Tgt Ion:138 Resp: 112998
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 129.3 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 96.365 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:184 Resp: 171887
Ion Ratio Lower Upper
184 100
63 83.1 50.0 75.0#
154 77.1 51.7 77.5

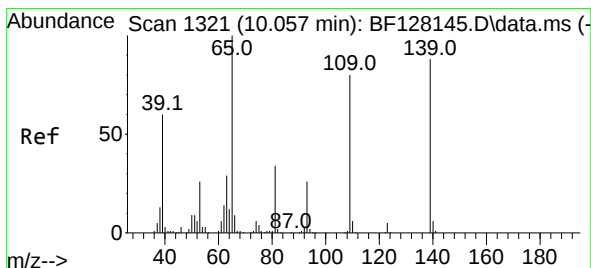
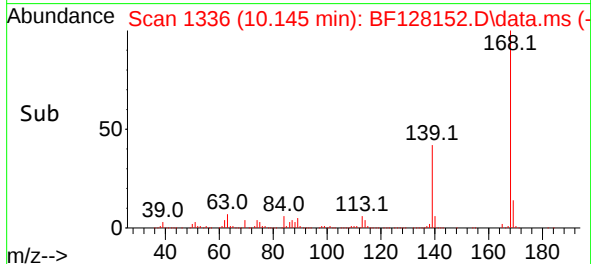
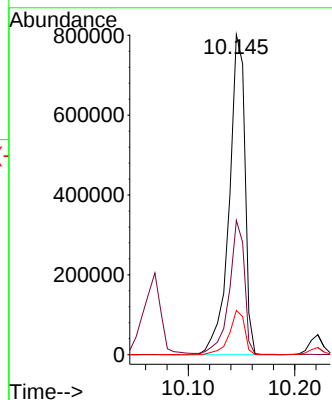
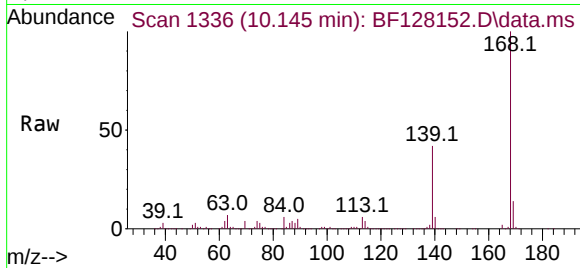




#55
Dibenzofuran
Concen: 44.880 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

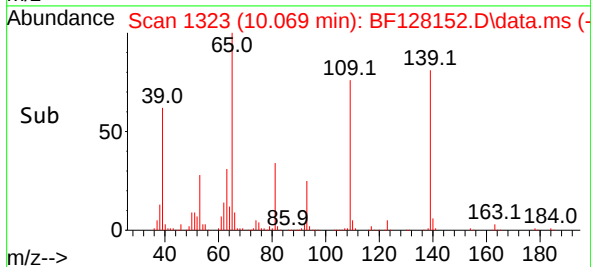
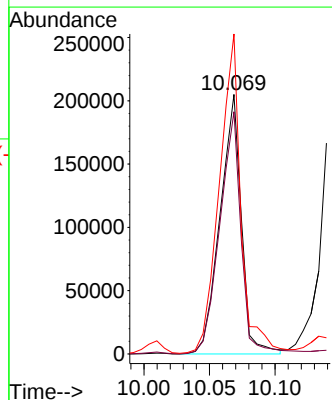
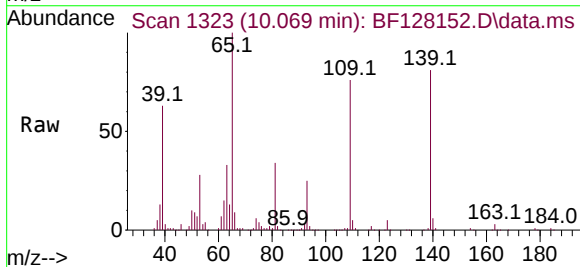
Instrument :
BNA_F
ClientSampleId :
PB144686BS

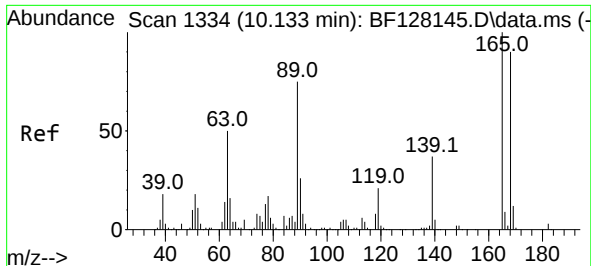
Tgt Ion:168 Resp: 821276
Ion Ratio Lower Upper
168 100
139 41.9 31.7 47.5
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 94.647 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:139 Resp: 231169
Ion Ratio Lower Upper
139 100
109 93.4 61.9 101.9
65 123.3 93.5 133.5

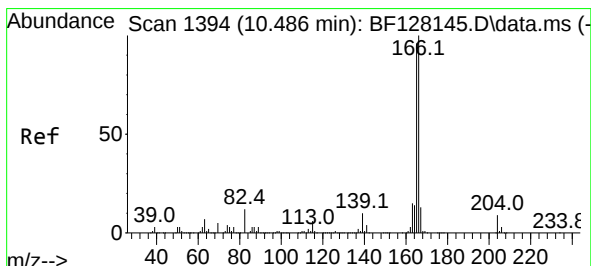
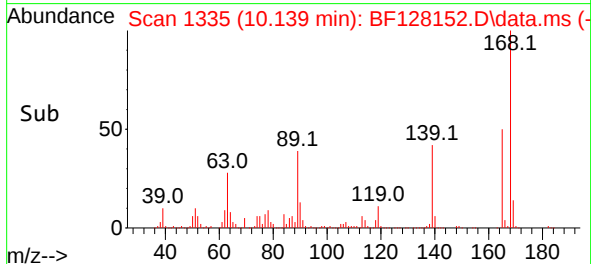
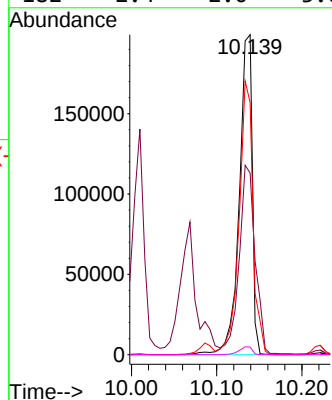
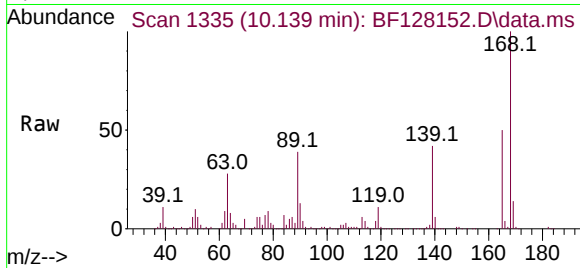




#57
2,4-Dinitrotoluene
Concen: 49.153 ng
RT: 10.139 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

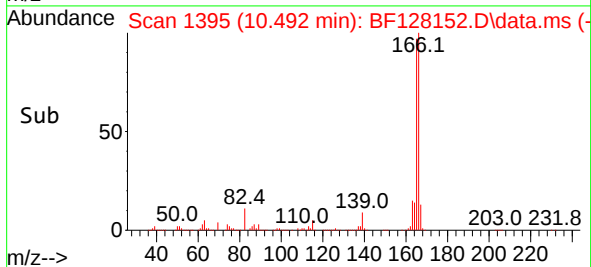
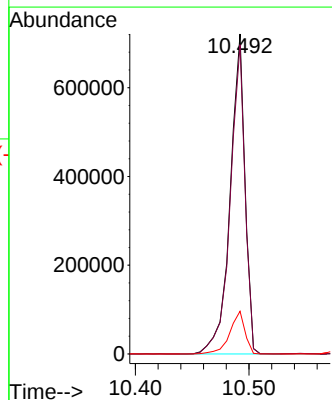
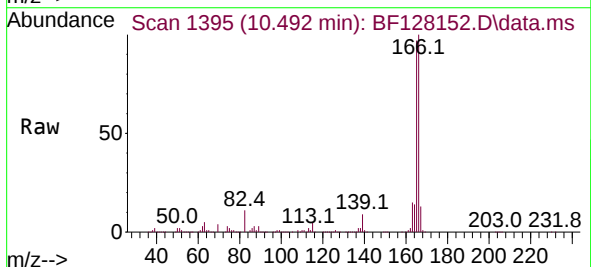
Instrument :
BNA_F
ClientSampleId :
PB144686BS

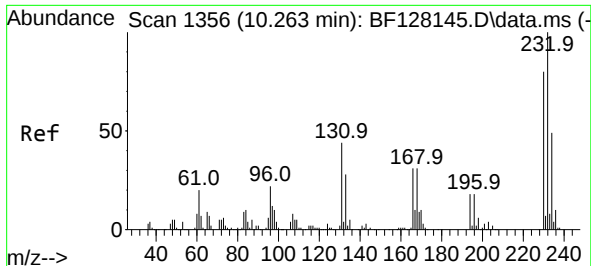
Tgt Ion:165 Resp: 211914
Ion Ratio Lower Upper
165 100
63 56.7 32.6 49.0#
89 78.7 55.2 82.8
182 2.4 2.0 3.0



#58
Fluorene
Concen: 45.835 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:166 Resp: 653319
Ion Ratio Lower Upper
166 100
165 96.6 78.6 117.8
167 13.3 10.5 15.7

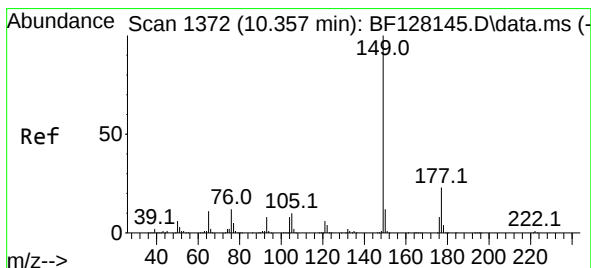
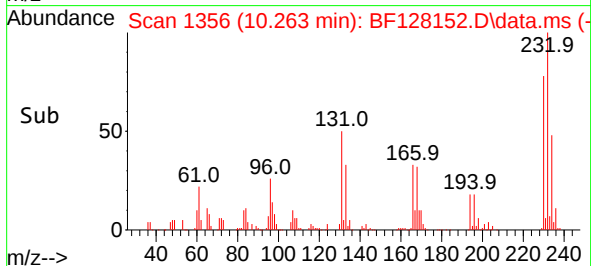
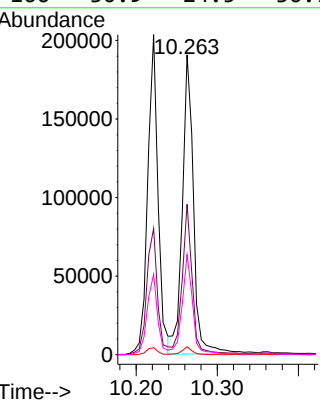
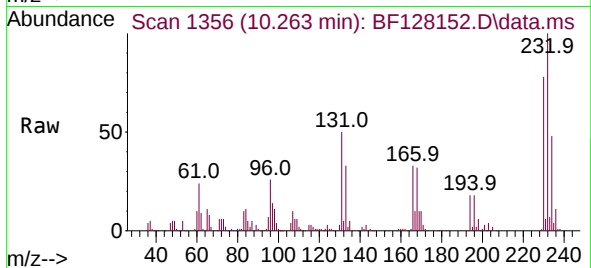




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.446 ng
RT: 10.263 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

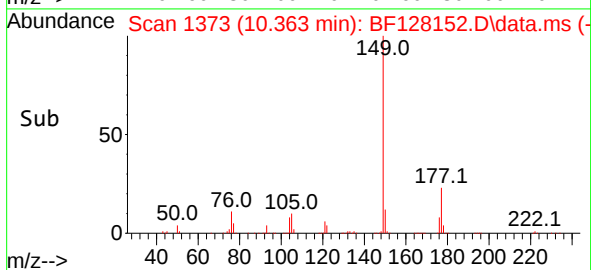
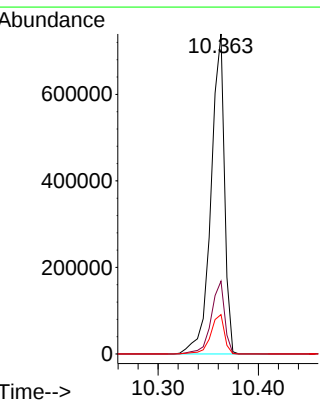
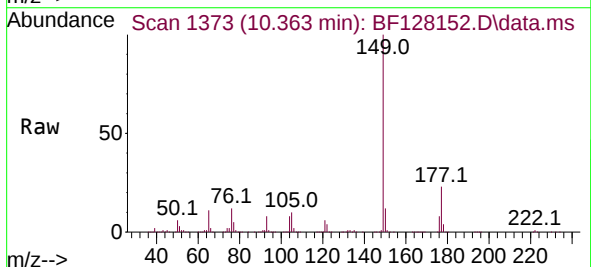
Instrument :
BNA_F
ClientSampleId :
PB144686BS

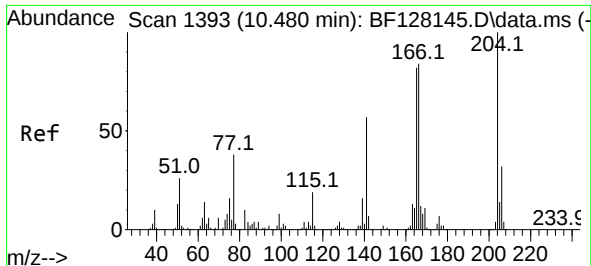
Tgt Ion:232 Resp: 183197
Ion Ratio Lower Upper
232 100
131 44.0 35.4 53.2
130 2.4 1.9 2.9
166 30.9 24.5 36.7



#60
Diethylphthalate
Concen: 46.964 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:149 Resp: 688704
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.3 10.2 15.2

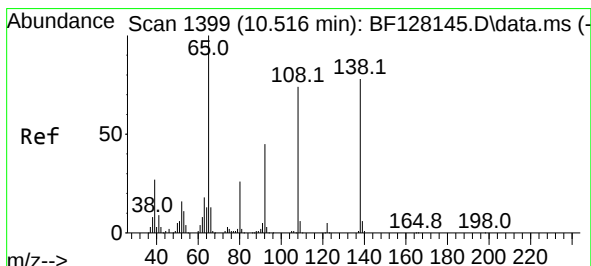
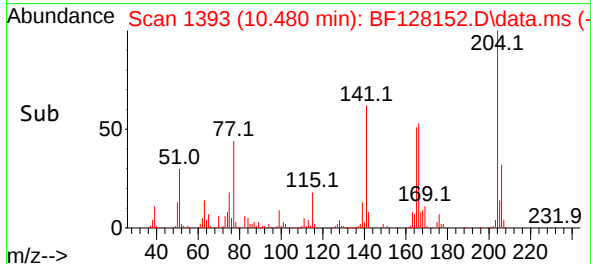
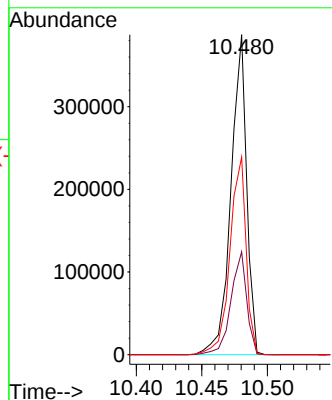
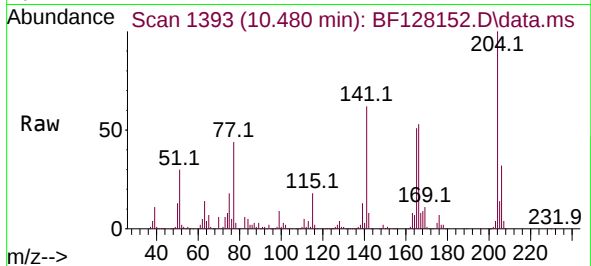




#61
4-Chlorophenyl-phenylether
Concen: 45.479 ng
RT: 10.480 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

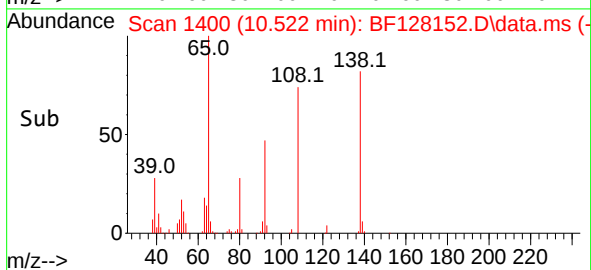
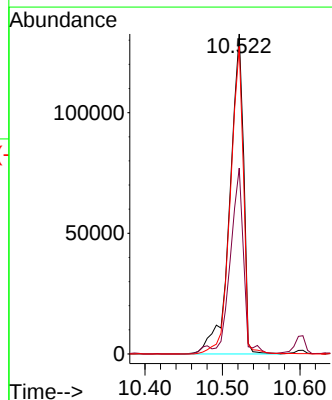
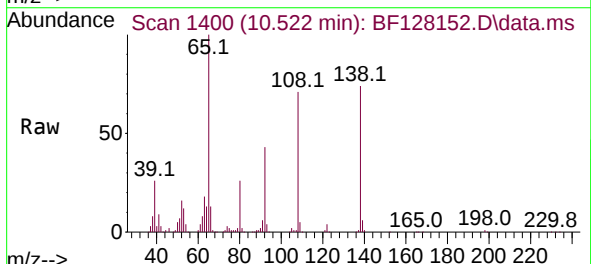
Instrument :
BNA_F
ClientSampleId :
PB144686BS

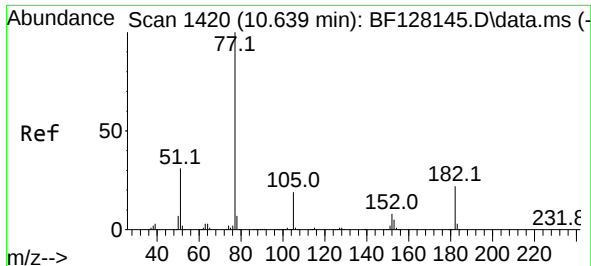
Tgt Ion:204 Resp: 323282
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 61.7 48.7 73.1



#62
4-Nitroaniline
Concen: 46.246 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:138 Resp: 163875
Ion Ratio Lower Upper
138 100
92 58.1 37.4 77.4
108 96.1 68.4 108.4



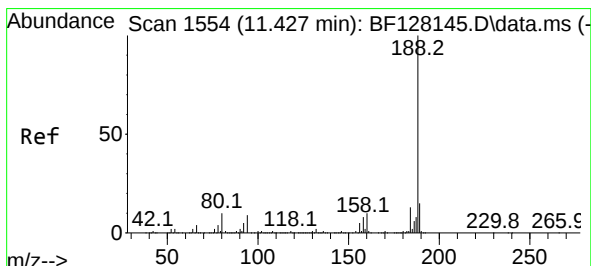
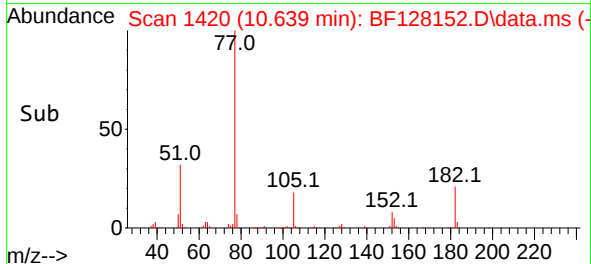
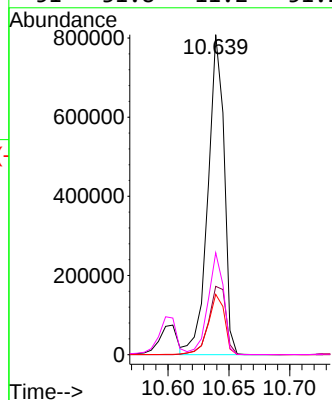
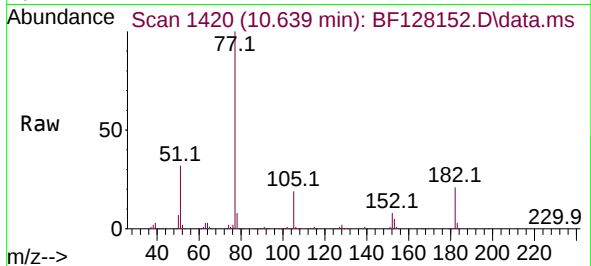


#63
Azobenzene
Concen: 46.412 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Instrument :
BNA_F
ClientSampleId :
PB144686BS

Tgt Ion: 77 Resp: 745294

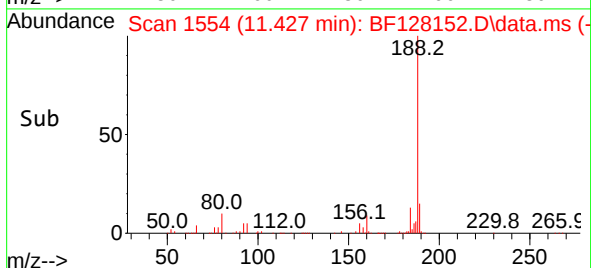
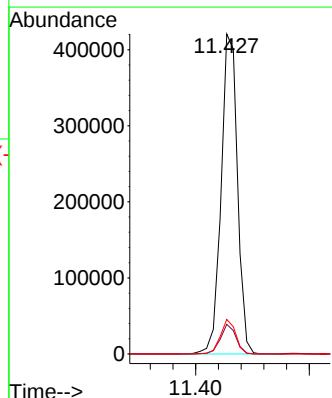
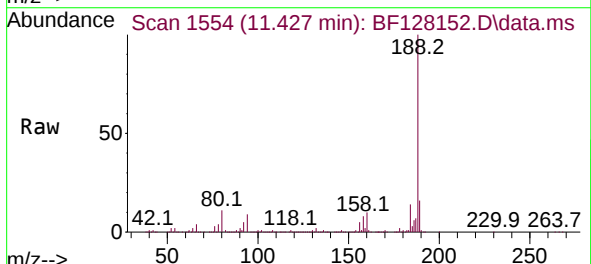
Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.2	41.2
105	18.9	0.0	39.8
51	31.8	11.2	51.2

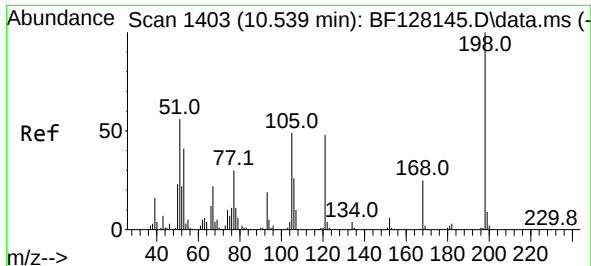


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion: 188 Resp: 420845

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.8	8.9	13.3

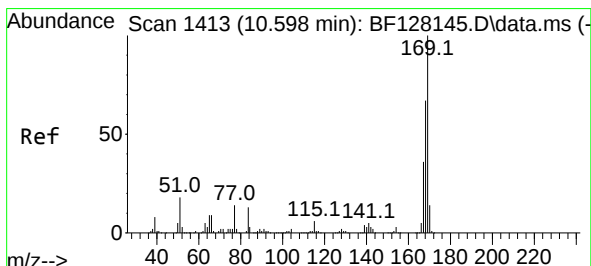
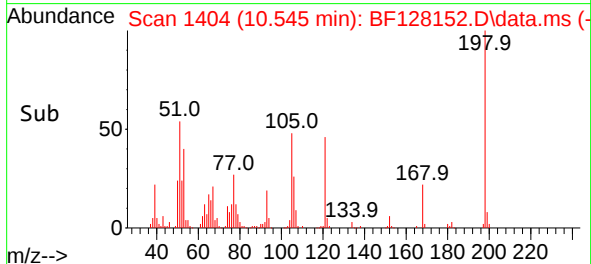
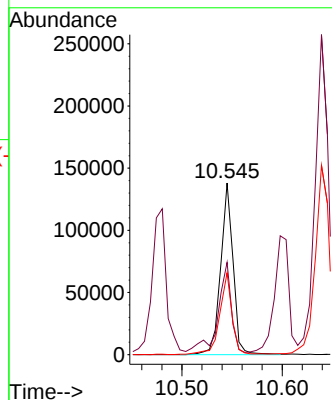
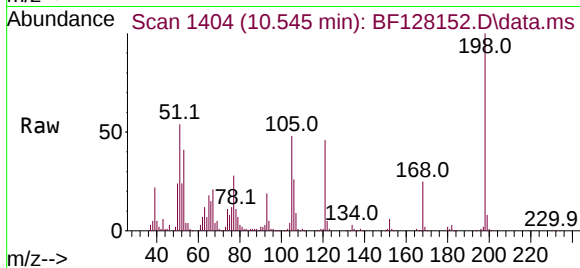




#65
4,6-Dinitro-2-methylphenol
Concen: 45.074 ng
RT: 10.545 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

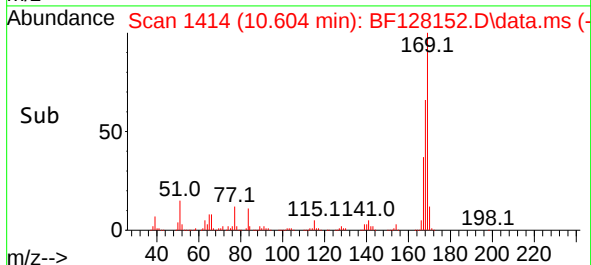
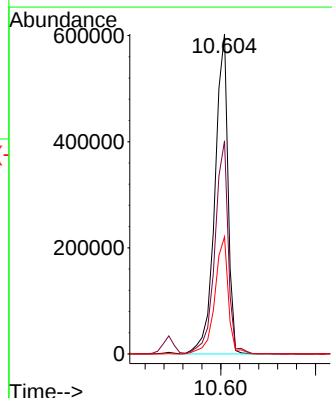
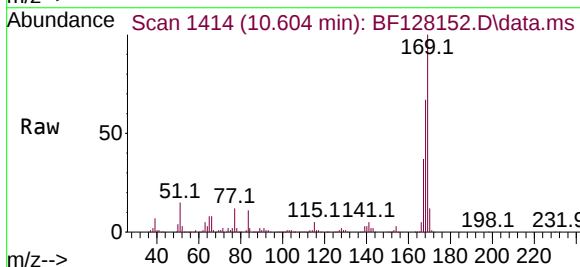
Instrument :
BNA_F
ClientSampleId :
PB144686BS

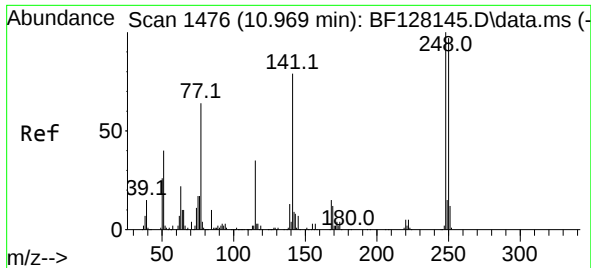
Tgt Ion:198 Resp: 118720
Ion Ratio Lower Upper
198 100
51 53.7 28.4 68.4
105 47.8 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 47.048 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:169 Resp: 577045
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.6 29.5 44.3

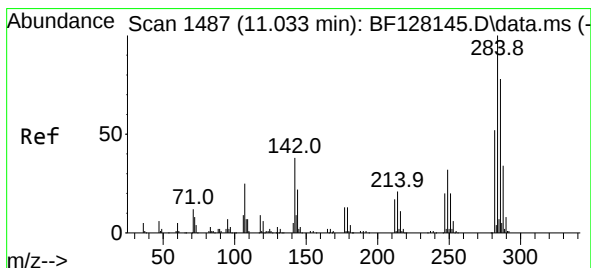
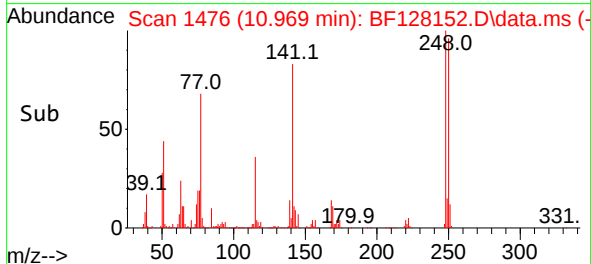
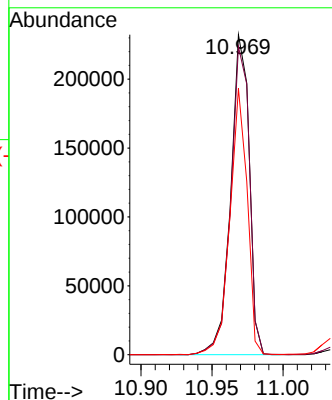
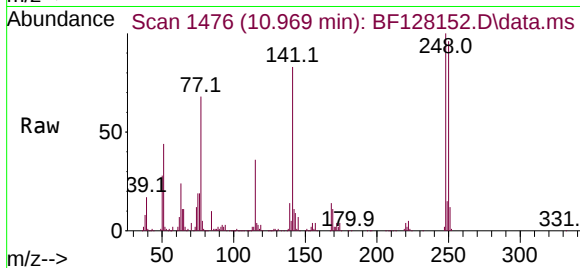




#67
4-Bromophenyl-phenylether
Concen: 46.500 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

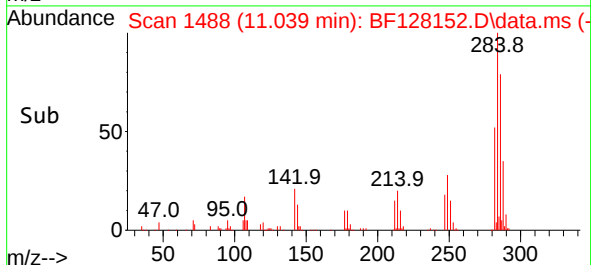
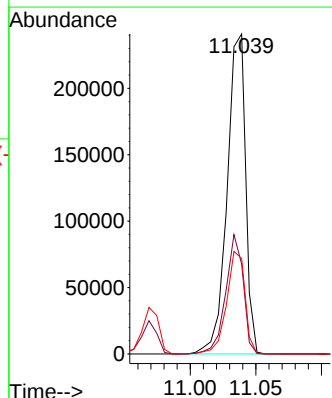
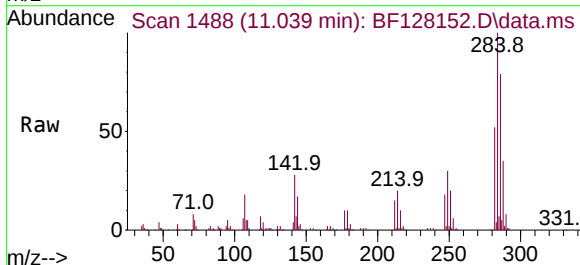
Instrument :
BNA_F
ClientSampleId :
PB144686BS

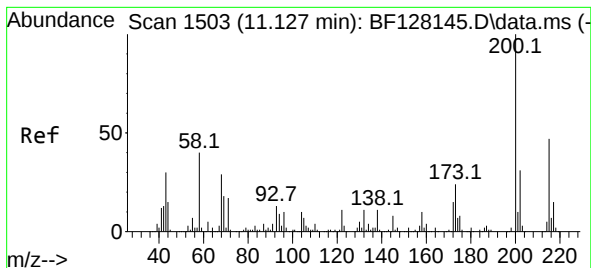
Tgt Ion:248 Resp: 210537
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 83.2 65.6 98.4



#68
Hexachlorobenzene
Concen: 47.830 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:284 Resp: 236893
Ion Ratio Lower Upper
284 100
142 28.1 30.2 45.4#
249 29.8 26.1 39.1





#69

Atrazine

Concen: 51.689 ng

RT: 11.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

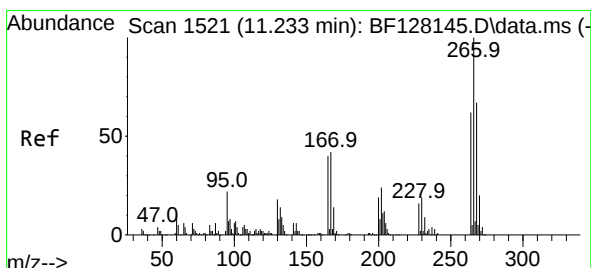
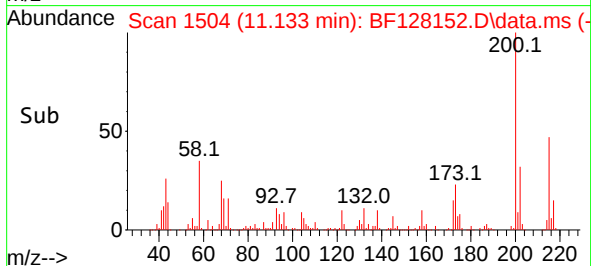
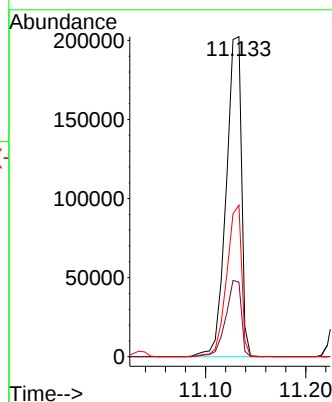
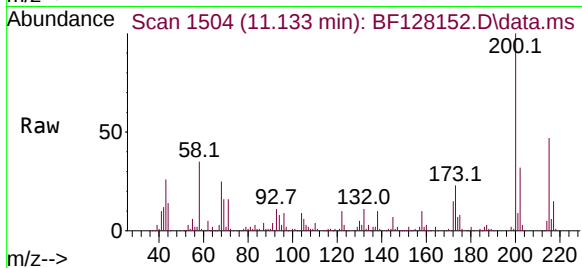
Tgt Ion:200 Resp: 213856

Ion Ratio Lower Upper

200 100

173 23.3 6.0 46.0

215 47.4 28.1 68.1



#70

Pentachlorophenol

Concen: 101.049 ng

RT: 11.233 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

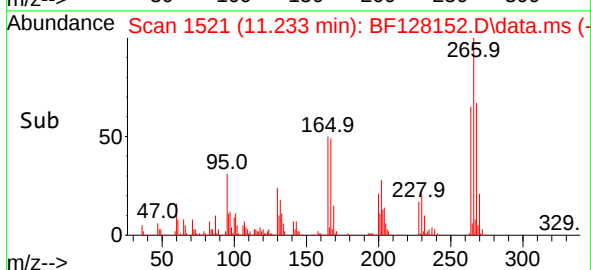
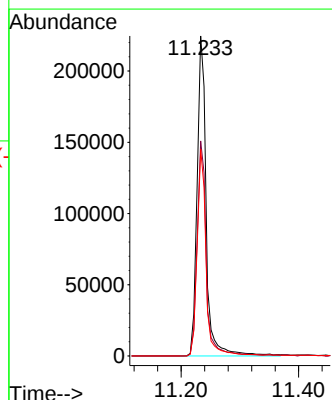
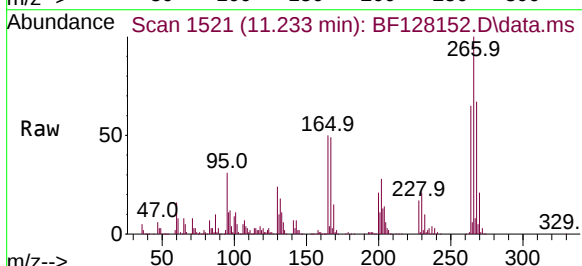
Tgt Ion:266 Resp: 242893

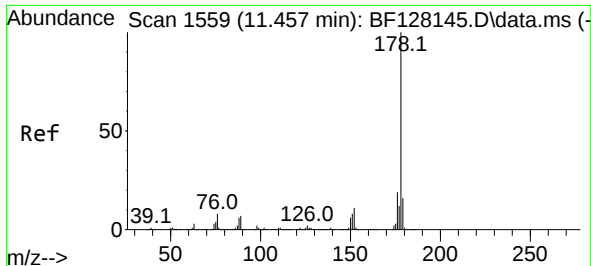
Ion Ratio Lower Upper

266 100

268 67.2 53.0 79.6

264 64.6 53.1 79.7

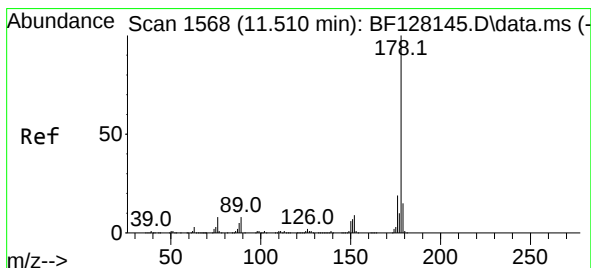
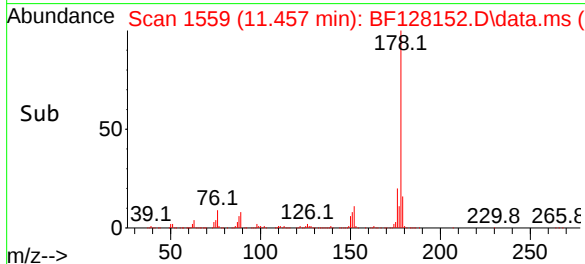
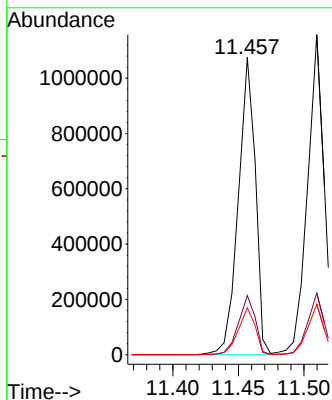
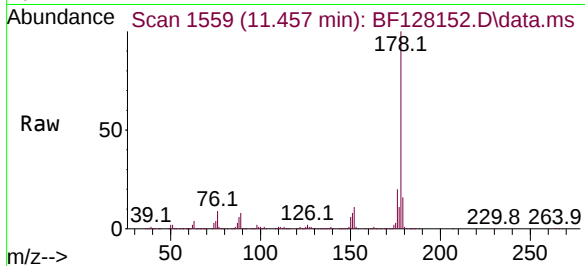




#71
Phenanthrene
Concen: 46.797 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

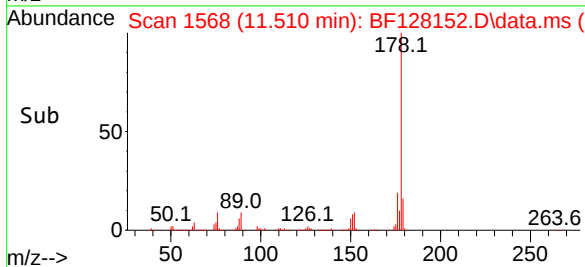
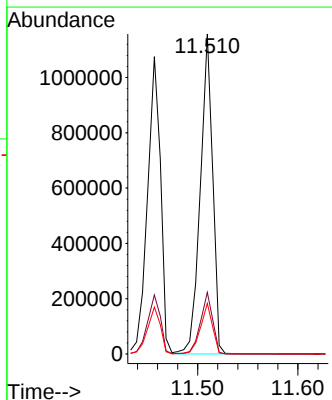
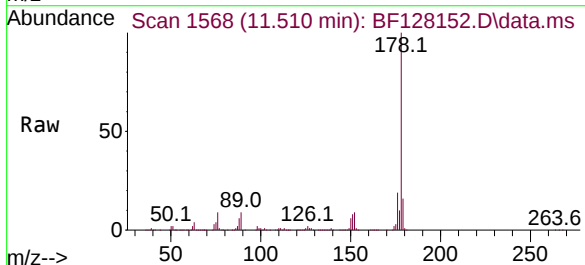
Instrument :
BNA_F
ClientSampleId :
PB144686BS

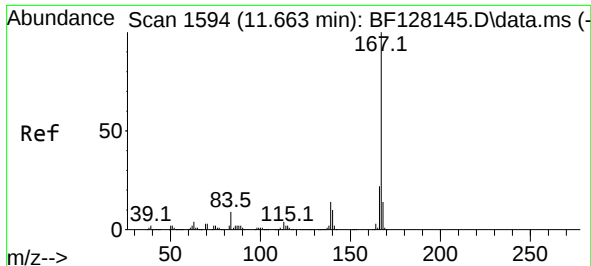
Tgt Ion:178 Resp: 980659
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 47.547 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:178 Resp: 994791
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.8 12.4 18.6

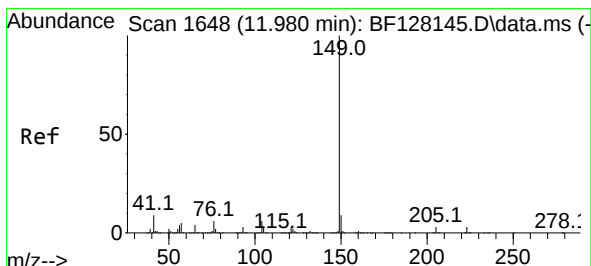
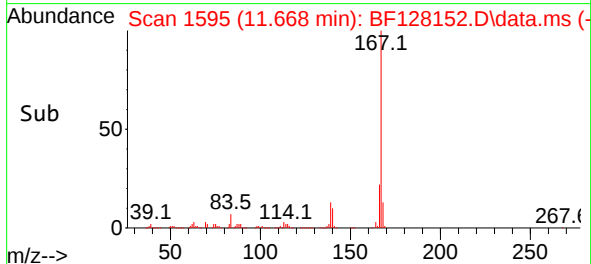
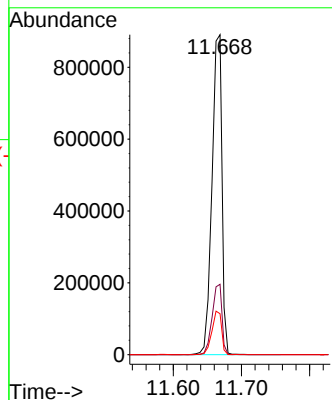
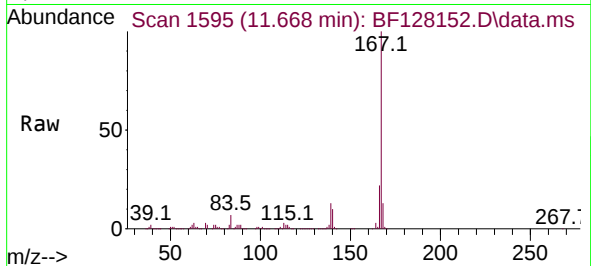




#73
 Carbazole
 Concen: 45.686 ng
 RT: 11.668 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

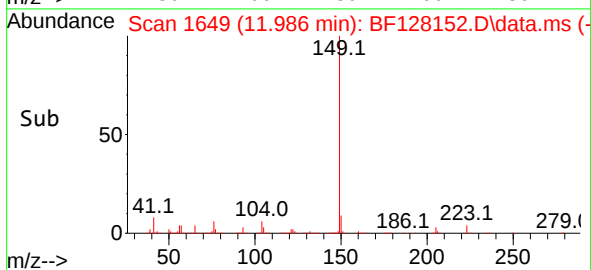
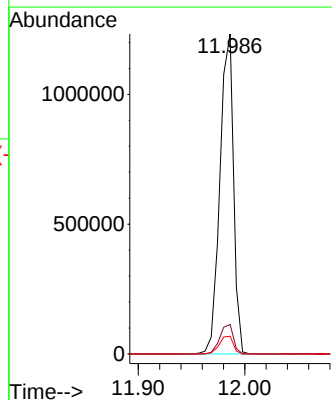
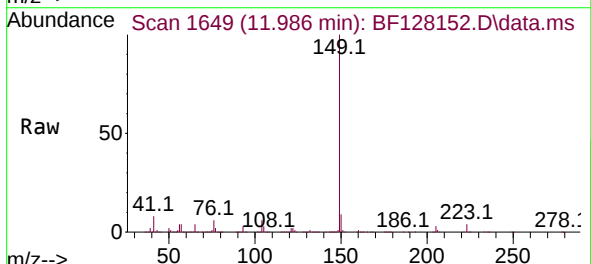
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BS

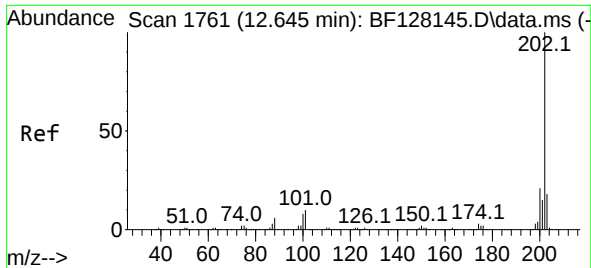
Tgt Ion:167 Resp: 908931
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.552 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. 0.006 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

Tgt Ion:149 Resp: 1089132
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.5 4.3 6.5

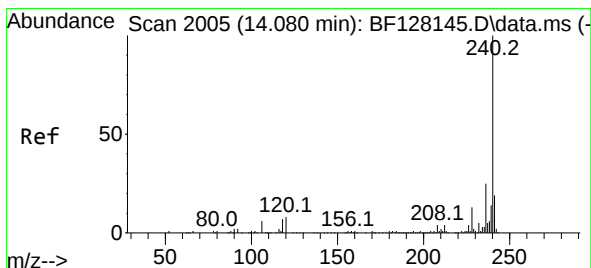
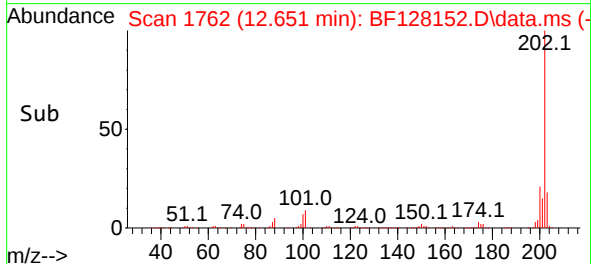
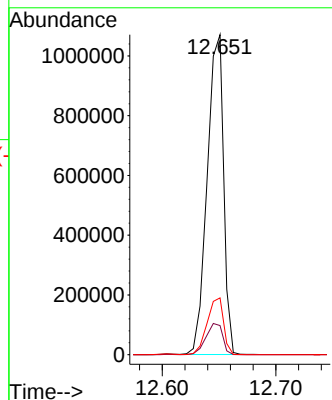
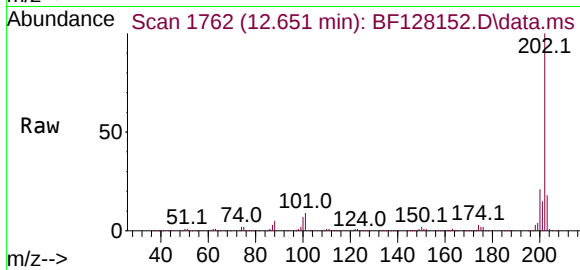




#75
Fluoranthene
Concen: 47.182 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

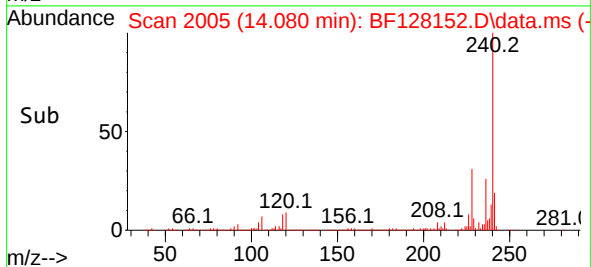
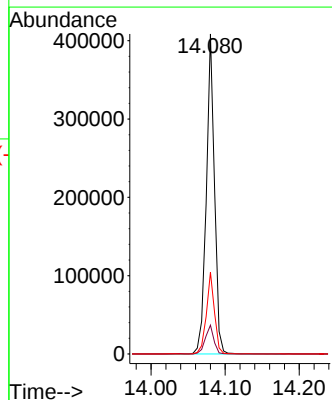
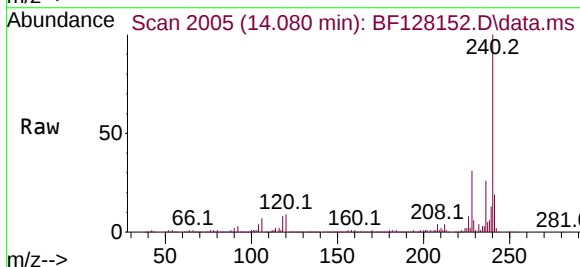
Instrument :
BNA_F
ClientSampleId :
PB144686BS

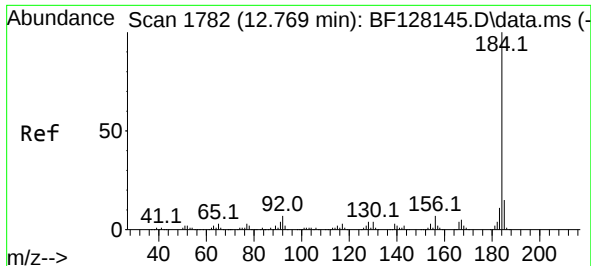
Tgt Ion:202 Resp: 1071929
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.6
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:240 Resp: 314429
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.5 20.3 30.5

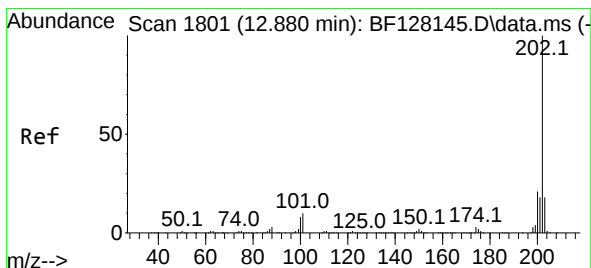
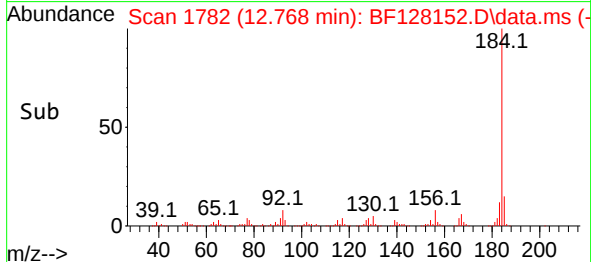
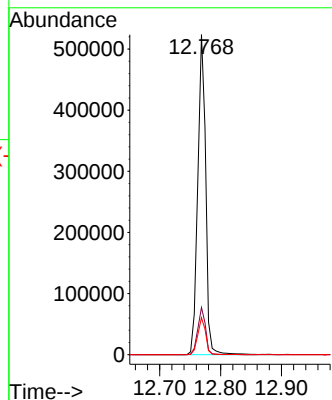
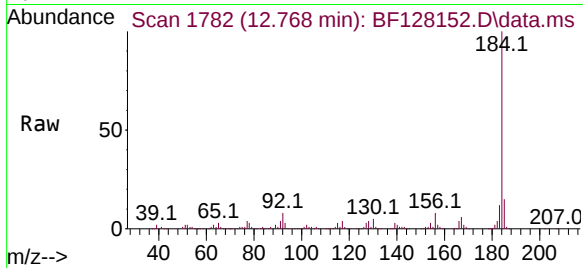




#77
Benzidine
Concen: 69.502 ng
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

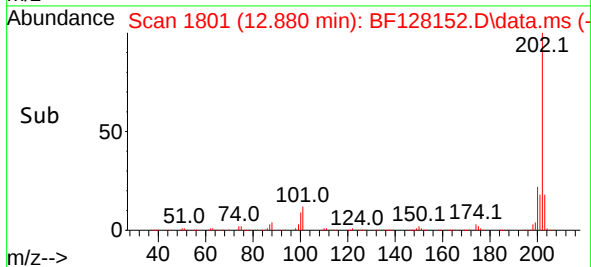
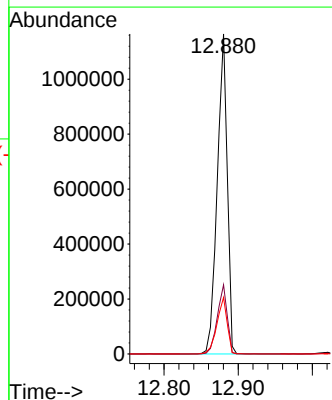
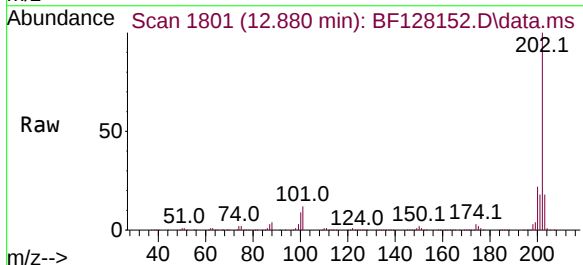
Instrument :
BNA_F
ClientSampleId :
PB144686BS

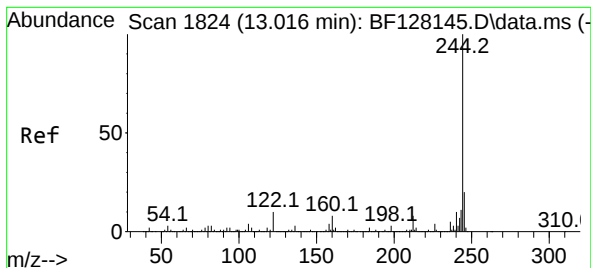
Tgt Ion:184 Resp: 473309
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 11.6 9.0 13.4



#78
Pyrene
Concen: 47.704 ng
RT: 12.880 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:202 Resp: 1087608
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 92.886 ng

RT: 13.021 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

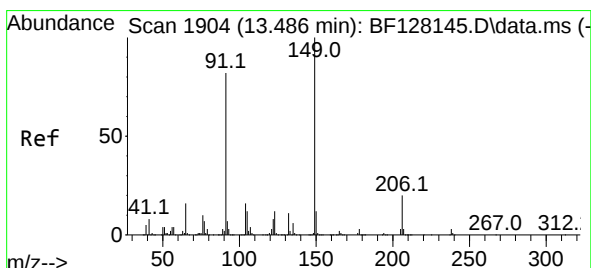
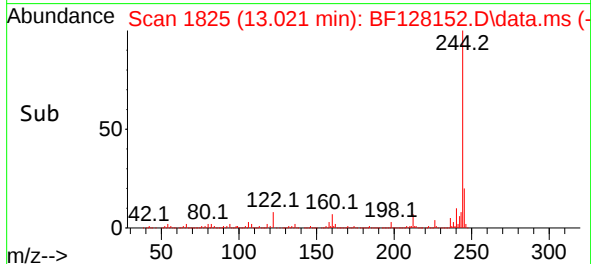
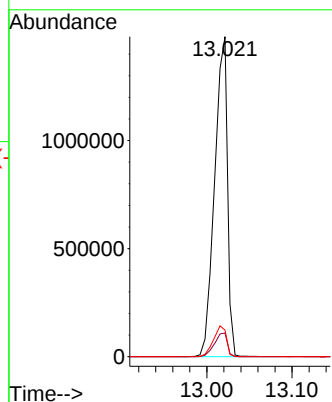
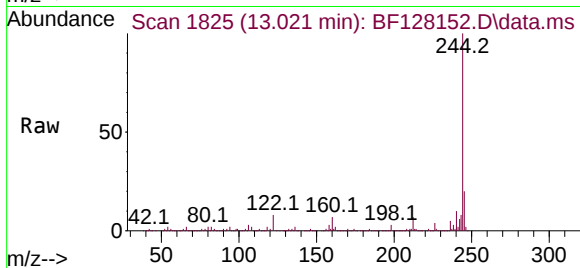
Tgt Ion:244 Resp: 1556475

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.3 8.6 12.8#



#80

Butylbenzylphthalate

Concen: 48.096 ng

RT: 13.486 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

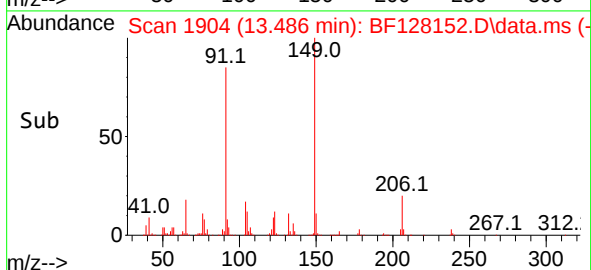
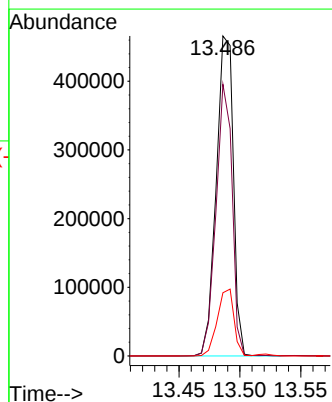
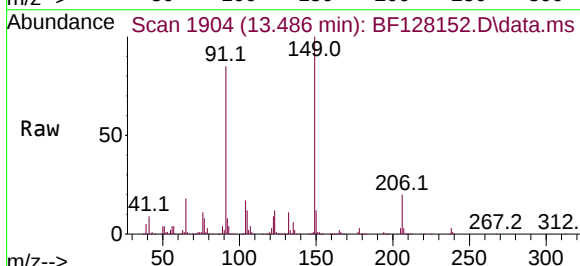
Tgt Ion:149 Resp: 455865

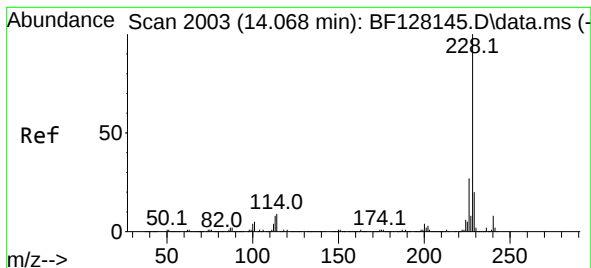
Ion Ratio Lower Upper

149 100

91 84.9 65.8 98.6

206 19.8 15.4 23.2





#81

Benzo(a)anthracene

Concen: 48.270 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

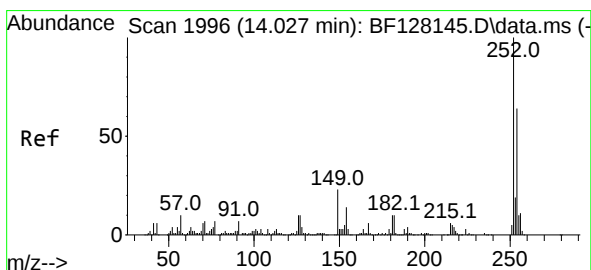
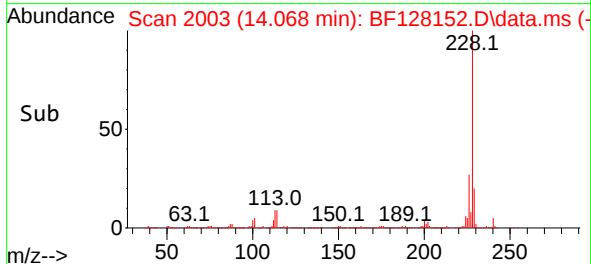
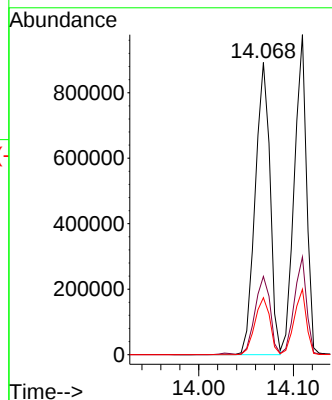
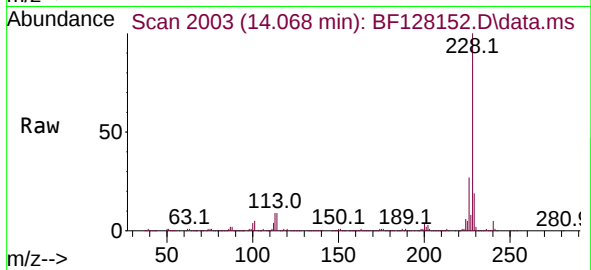
Tgt Ion:228 Resp: 969433

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.5 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 45.798 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

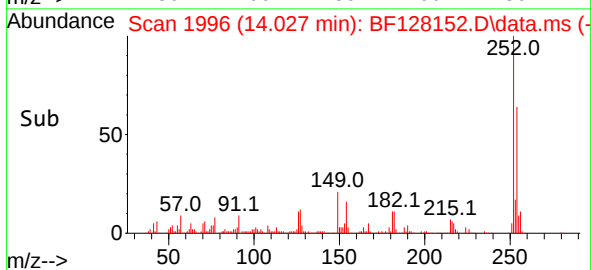
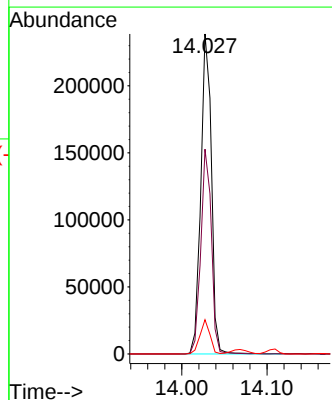
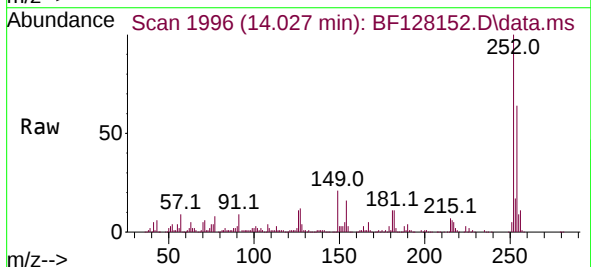
Tgt Ion:252 Resp: 206383

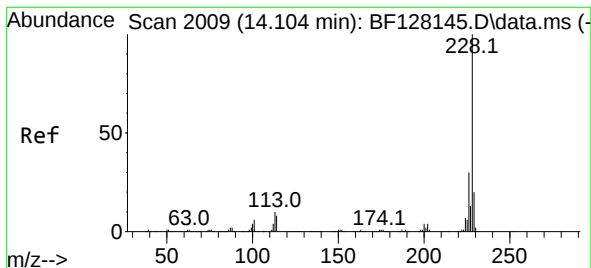
Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

126 10.7 8.8 13.2





#83

Chrysene

Concen: 45.778 ng

RT: 14.110 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

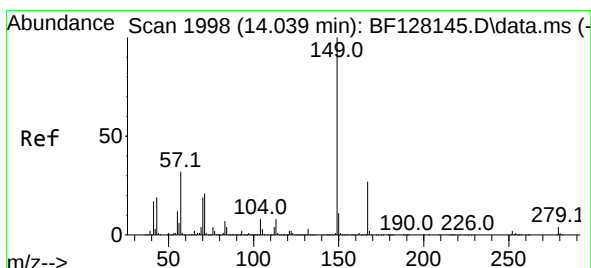
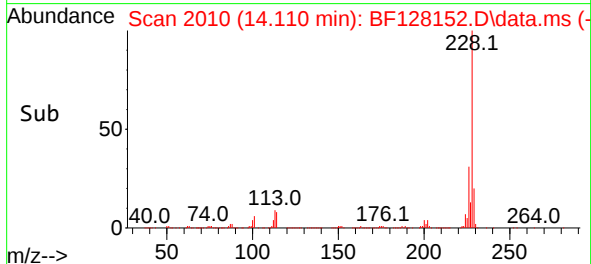
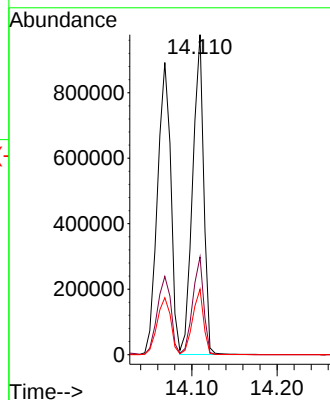
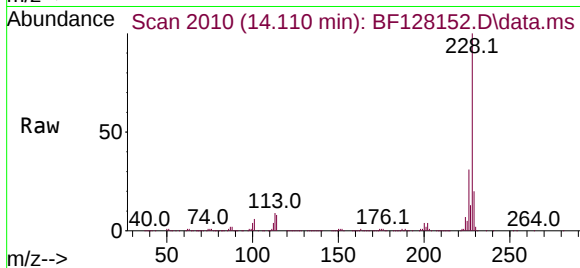
Tgt Ion:228 Resp: 877227

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.968 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

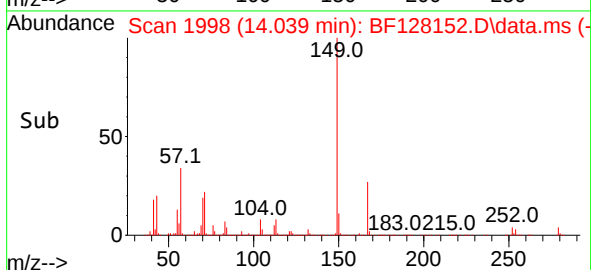
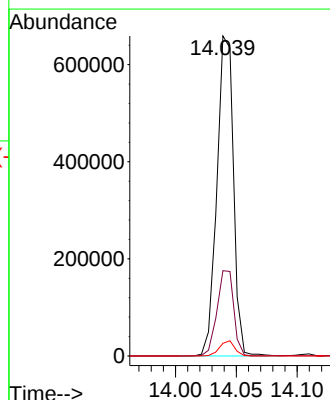
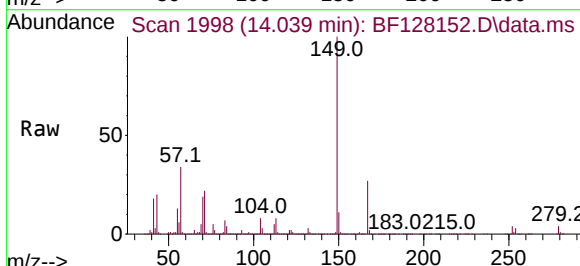
Tgt Ion:149 Resp: 627111

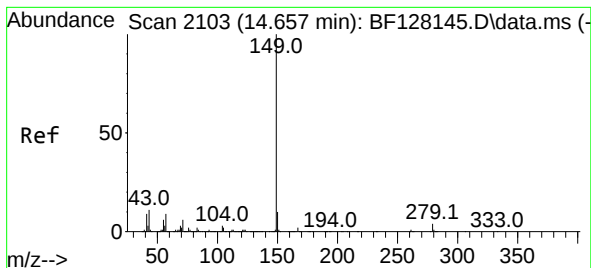
Ion Ratio Lower Upper

149 100

167 26.6 22.0 33.0

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.686 ng

RT: 14.657 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

Instrument :

BNA_F

ClientSampleId :

PB144686BS

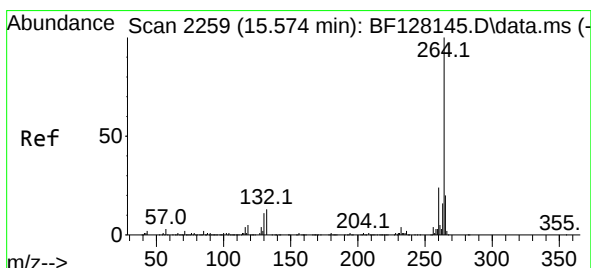
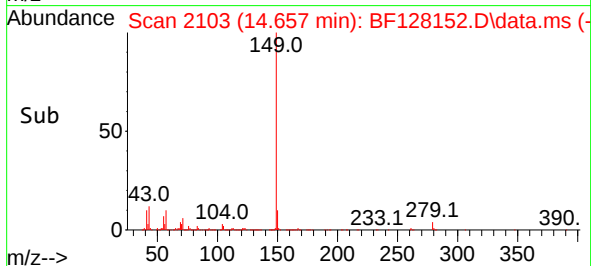
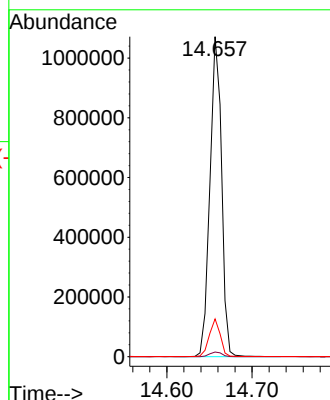
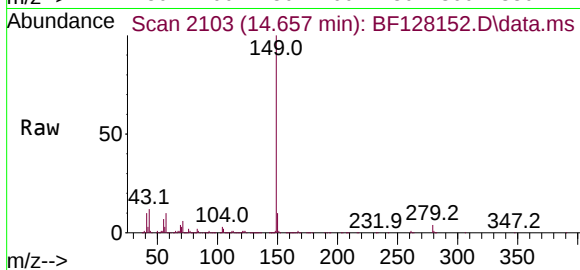
Tgt Ion:149 Resp: 1016441

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF128152.D

Acq: 09 May 2022 16:44

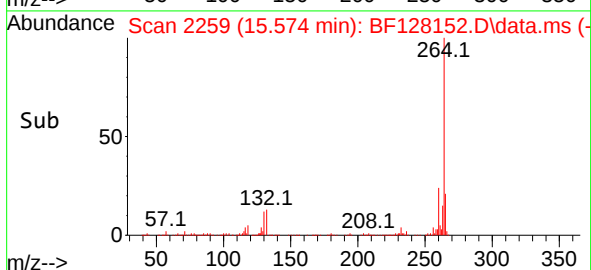
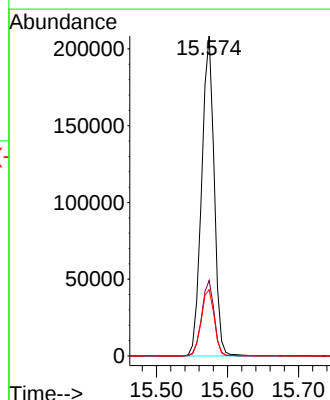
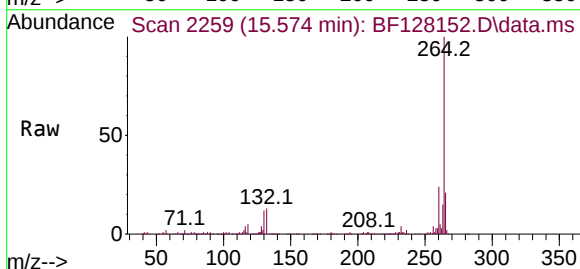
Tgt Ion:264 Resp: 255829

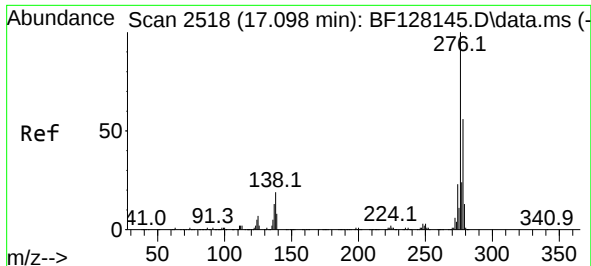
Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 20.7 17.5 26.3

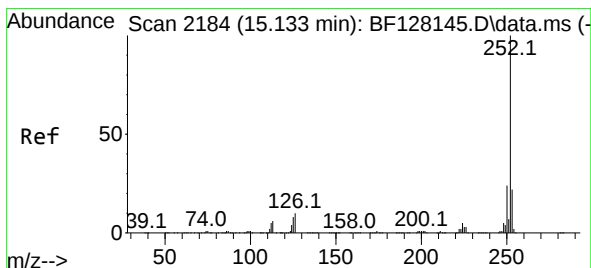
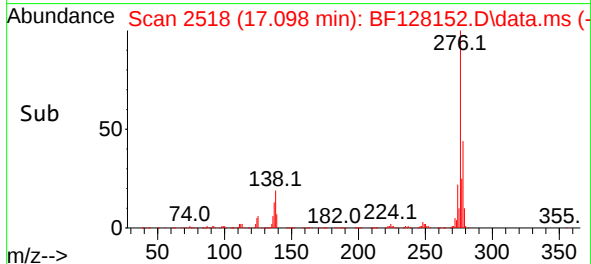
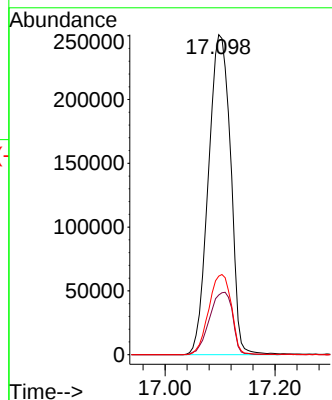
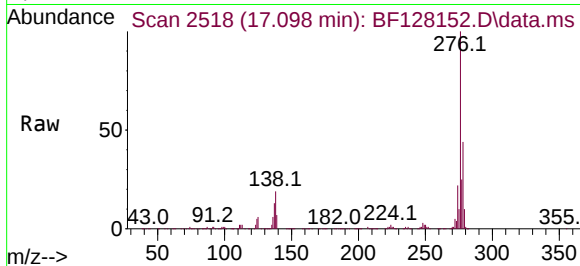




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.322 ng
 RT: 17.098 min Scan# 2184
 Delta R.T. -0.000 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

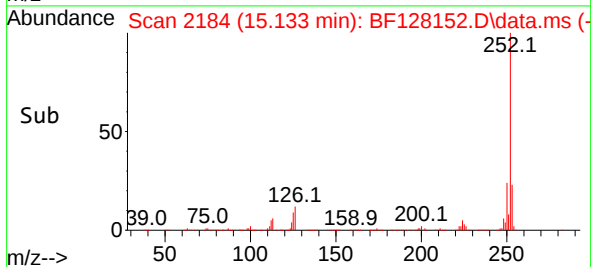
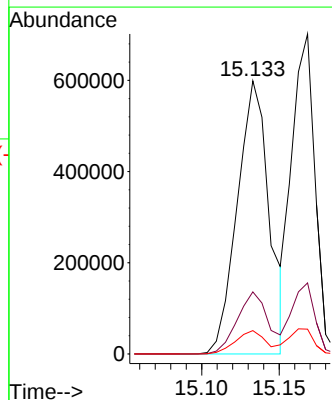
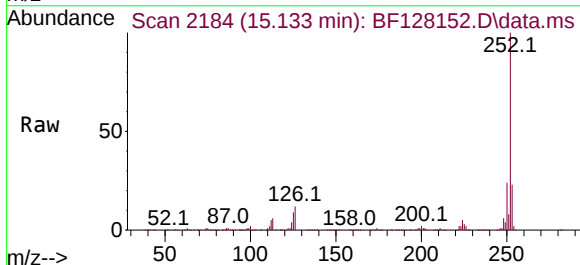
Instrument :
 BNA_F
 ClientSampleId :
 PB144686BS

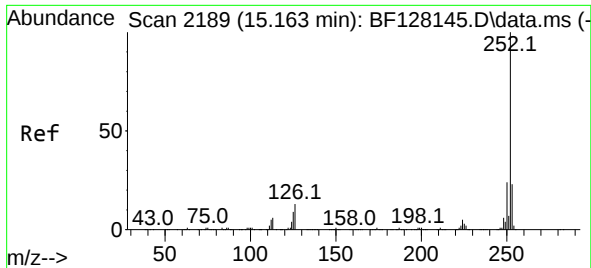
Tgt Ion:276 Resp: 701386
 Ion Ratio Lower Upper
 276 100
 138 20.5 19.0 28.4
 277 25.6 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 54.104 ng
 RT: 15.133 min Scan# 2184
 Delta R.T. -0.000 min
 Lab File: BF128152.D
 Acq: 09 May 2022 16:44

Tgt Ion:252 Resp: 858025
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.2
 125 8.5 7.4 11.2

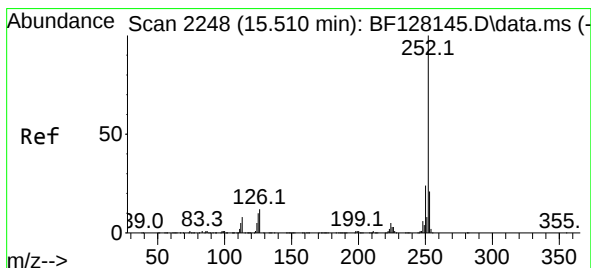
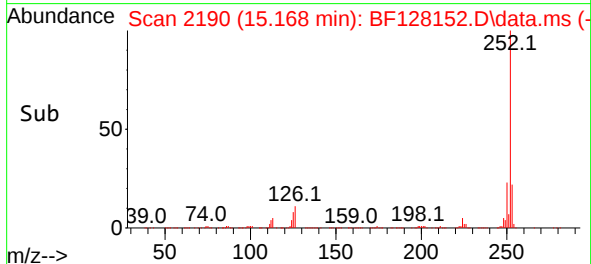
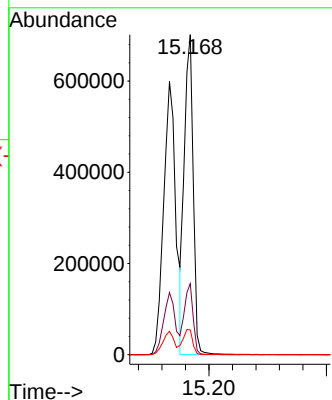
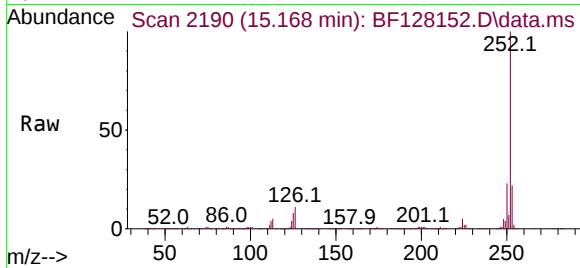




#89
Benzo(k)fluoranthene
Concen: 47.241 ng
RT: 15.168 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

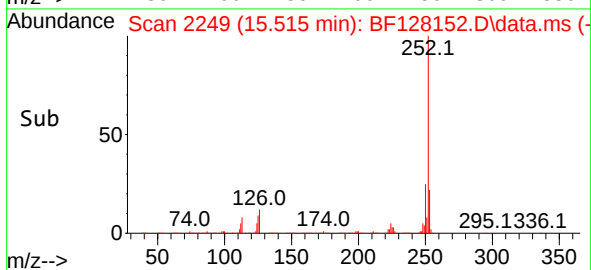
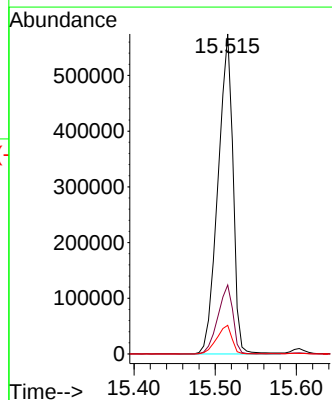
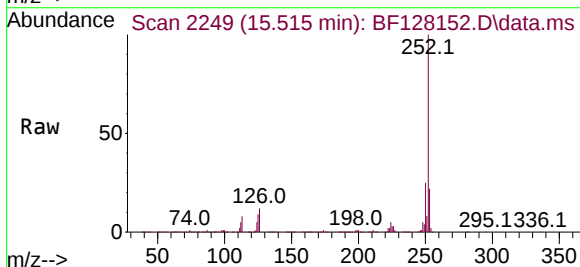
Instrument :
BNA_F
ClientSampleId :
PB144686BS

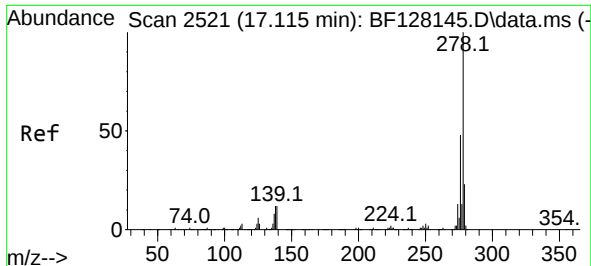
Tgt Ion:252 Resp: 739541
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.8 6.8 10.2



#90
Benzo(a)pyrene
Concen: 57.817 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.006 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:252 Resp: 740233
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.9 9.2 13.8#

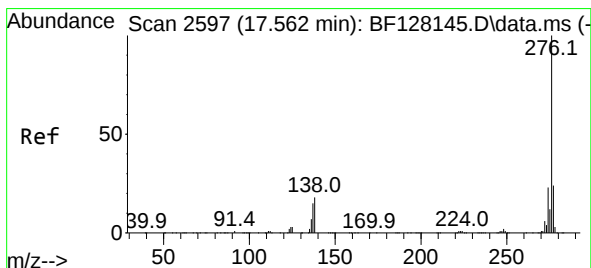
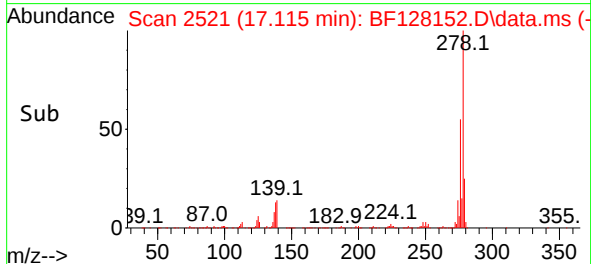
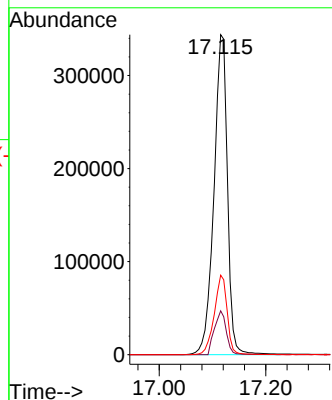
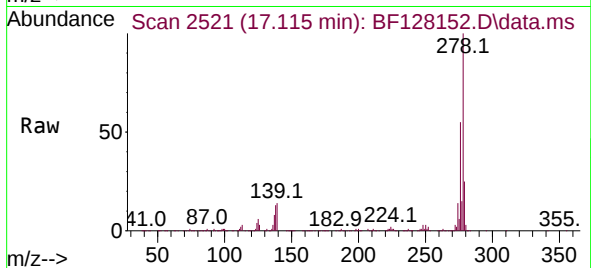




#91
Dibenzo(a,h)anthracene
Concen: 48.380 ng
RT: 17.115 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Instrument :
BNA_F
ClientSampleId :
PB144686BS

Tgt Ion:278 Resp: 606140
Ion Ratio Lower Upper
278 100
139 13.7 12.6 19.0
279 24.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.754 ng
RT: 17.562 min Scan# 2597
Delta R.T. -0.000 min
Lab File: BF128152.D
Acq: 09 May 2022 16:44

Tgt Ion:276 Resp: 605787
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 17.9 16.2 24.2

