

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128838.D
 Acq On : 16 Jun 2022 14:22
 Operator : CG\JU
 Sample : PB145561BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

Quant Time: Jun 17 02:19:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	103991	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	397956	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	226794	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	410994	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	300380	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	223557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	735172	112.606	ng	0.02
7) Phenol-d6	6.451	99	904181	113.457	ng	0.01
23) Nitrobenzene-d5	7.357	82	628775	73.563	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	298608	111.434	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1246158	76.969	ng	0.00
79) Terphenyl-d14	12.910	244	1458907	84.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	84435	34.837	ng	# 94
3) Pyridine	3.334	79	228849	35.543	ng	96
4) n-Nitrosodimethylamine	3.299	42	187836	42.069	ng	# 80
6) Aniline	6.451	93	337259	39.239	ng	# 62
8) 2-Chlorophenol	6.581	128	292539	43.790	ng	99
9) Benzaldehyde	6.334	77	122841	25.301	ng	98
10) Phenol	6.463	94	358510	42.557	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	265231	42.967	ng	94
12) 1,3-Dichlorobenzene	6.728	146	324790	42.055	ng	98
13) 1,4-Dichlorobenzene	6.804	146	329714	42.272	ng	99
14) 1,2-Dichlorobenzene	6.951	146	309233	42.382	ng	97
15) Benzyl Alcohol	6.940	79	254353	38.146	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	383527	37.709	ng	# 1
17) 2-Methylphenol	7.063	107	234418	44.399	ng	# 84
18) Hexachloroethane	7.293	117	123334	42.502	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	212280	42.841	ng	99
20) 3+4-Methylphenols	7.216	107	301020	42.705	ng	# 81
22) Acetophenone	7.198	105	426787	41.004	ng	98
24) Nitrobenzene	7.375	77	323522	41.228	ng	98
25) Isophorone	7.616	82	554703	42.730	ng	98
26) 2-Nitrophenol	7.692	139	154392	44.655	ng	95
27) 2,4-Dimethylphenol	7.740	122	257700	48.930	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	326196	39.749	ng	97
29) 2,4-Dichlorophenol	7.945	162	249606	40.949	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	276738	40.320	ng	97
31) Naphthalene	8.092	128	857000	41.962	ng	99
32) Benzoic acid	7.898	122	88659	23.727	ng	94
33) 4-Chloroaniline	8.145	127	253415	32.910	ng	99
34) Hexachlorobutadiene	8.204	225	194707	40.001	ng	99
35) Caprolactam	8.528	113	69573m	41.275	ng	
36) 4-Chloro-3-methylphenol	8.651	107	270940	40.728	ng	99
37) 2-Methylnaphthalene	8.787	142	552602	42.539	ng	99
38) 1-Methylnaphthalene	8.886	142	525799	41.894	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	301424	42.794	ng	98
41) Hexachlorocyclopentadiene	8.934	237	245121	57.895	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	173396	36.404	ng	97

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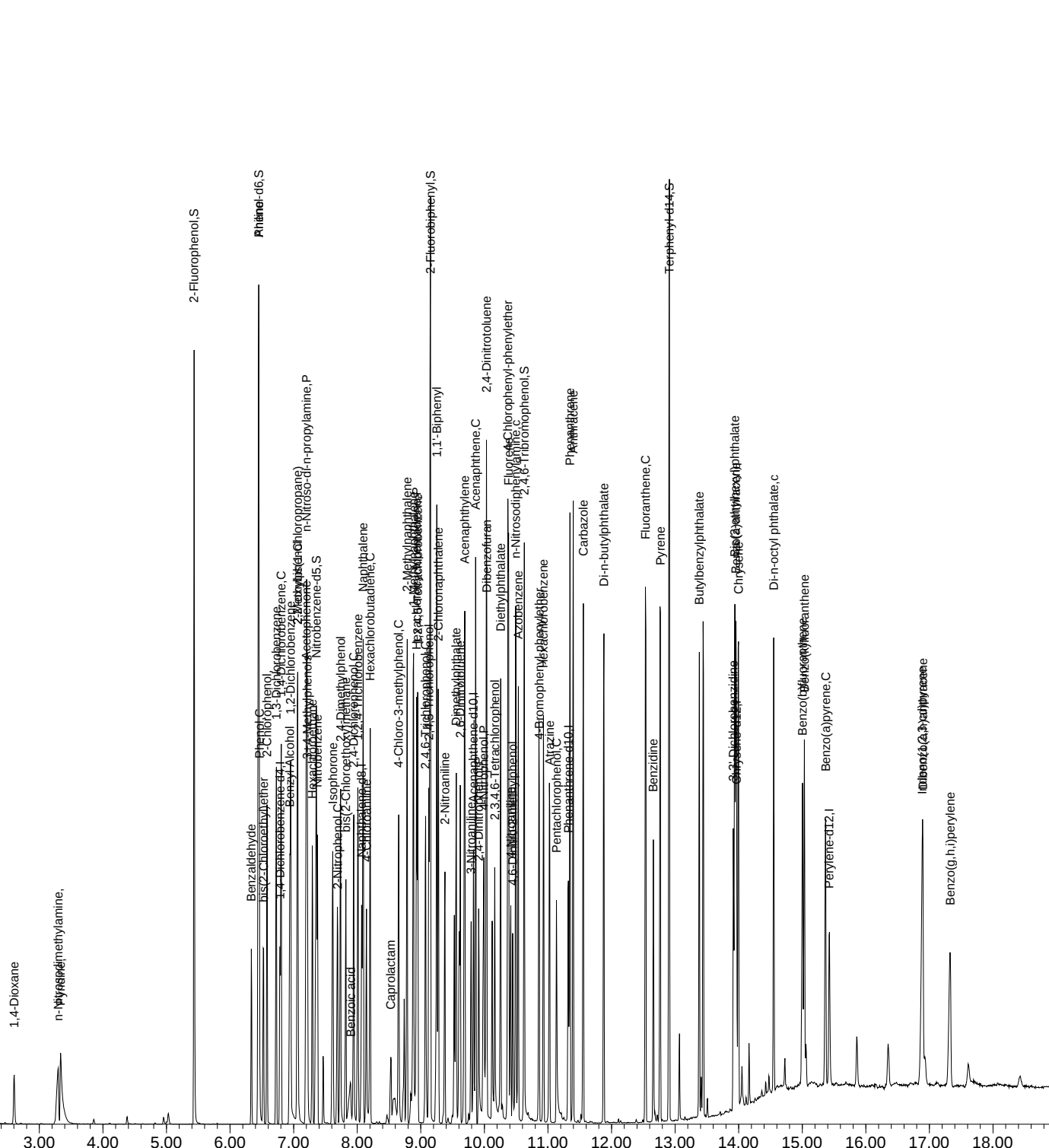
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	184600	37.502	ng	98
46) 1,1'-Biphenyl	9.251	154	705641	41.467	ng	96
47) 2-Chloronaphthalene	9.275	162	532752	41.029	ng	99
48) 2-Nitroaniline	9.381	65	177552	39.987	ng	94
49) Acenaphthylene	9.692	152	862594	43.393	ng	100
50) Dimethylphthalate	9.557	163	647960	41.740	ng	99
51) 2,6-Dinitrotoluene	9.622	165	139990	45.690	ng	# 84
52) Acenaphthene	9.863	154	491196	37.944	ng	98
53) 3-Nitroaniline	9.792	138	112142	33.724	ng	99
54) 2,4-Dinitrophenol	9.910	184	124944	73.214	ng	# 89
55) Dibenzofuran	10.039	168	745051	40.047	ng	96
56) 4-Nitrophenol	9.992	139	140704	58.373	ng	# 79
57) 2,4-Dinitrotoluene	10.033	165	184186	45.045	ng	# 87
58) Fluorene	10.381	166	605553	41.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	145766	35.852	ng	97
60) Diethylphthalate	10.257	149	627828	40.240	ng	99
61) 4-Chlorophenyl-phenylether	10.369	204	309042	41.297	ng	94
62) 4-Nitroaniline	10.416	138	141628	42.065	ng	89
63) Azobenzene	10.533	77	592573	38.580	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	97328	40.128	ng	99
66) n-Nitrosodiphenylamine	10.492	169	549596	43.507	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	200204	43.681	ng	95
68) Hexachlorobenzene	10.928	284	227564	44.707	ng	96
69) Atrazine	11.028	200	187282	46.102	ng	98
70) Pentachlorophenol	11.133	266	134265	52.842	ng	99
71) Phenanthrene	11.345	178	882928	42.830	ng	100
72) Anthracene	11.398	178	899388	44.079	ng	99
73) Carbazole	11.557	167	802117	42.325	ng	98
74) Di-n-butylphthalate	11.880	149	994960	43.120	ng	99
75) Fluoranthene	12.533	202	973853	45.194	ng	98
77) Benzidine	12.657	184	411908	68.790	ng	98
78) Pyrene	12.769	202	965565	43.206	ng	97
80) Butylbenzylphthalate	13.380	149	392566	41.829	ng	96
81) Benzo(a)anthracene	13.957	228	812716	43.406	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	229485	57.289	ng	99
83) Chrysene	13.998	228	743988	41.678	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	511618	41.932	ng	99
85) Di-n-octyl phthalate	14.551	149	780724	42.485	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	586984	43.563	ng	# 92
88) Benzo(b)fluoranthene	15.004	252	637735	44.644	ng	# 97
89) Benzo(k)fluoranthene	15.033	252	610963	45.466	ng	# 97
90) Benzo(a)pyrene	15.368	252	576984	51.390	ng	# 97
91) Dibenzo(a,h)anthracene	16.898	278	520015	46.527	ng	# 95
92) Benzo(g,h,i)perylene	17.327	276	510177	46.057	ng	# 91

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

PB145561BS

Response via : Initial Calibration

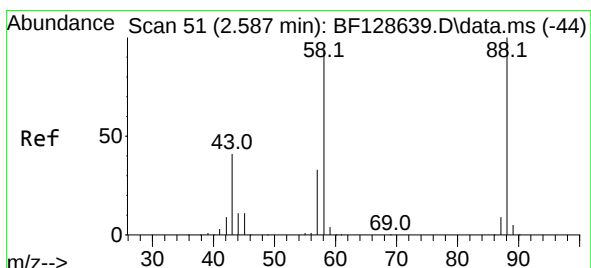
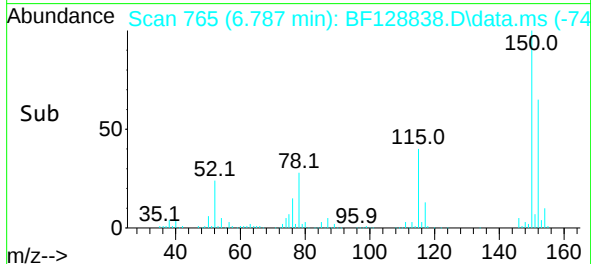
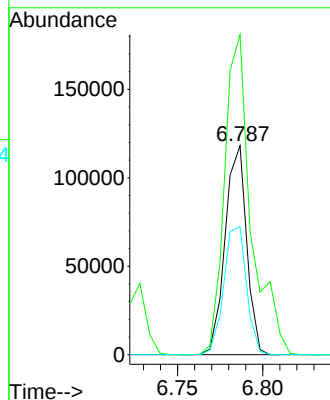
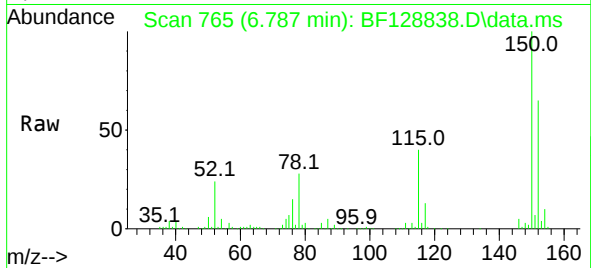




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 7
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

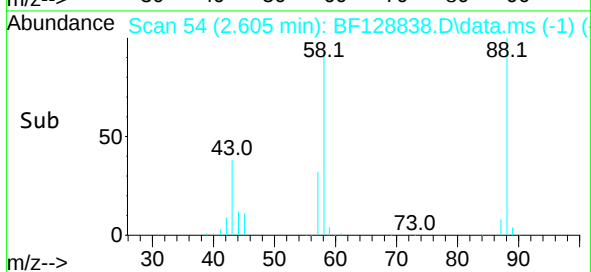
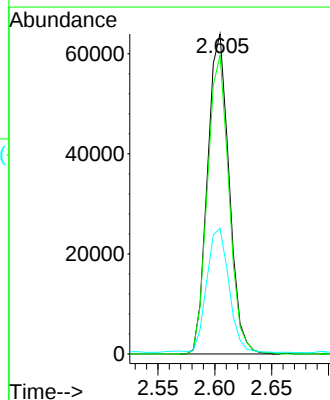
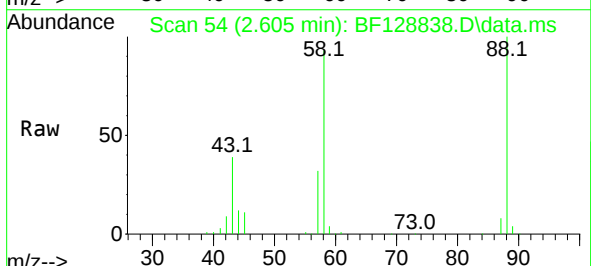
Instrument :
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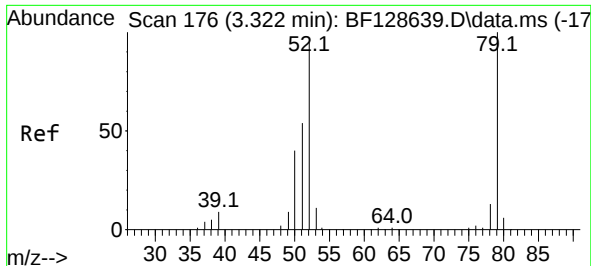
Tgt Ion:152 Resp: 103991
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.7 185.5
 115 61.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.837 ng
 RT: 2.605 min Scan# 54
 Delta R.T. 0.106 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

Tgt Ion: 88 Resp: 84435
 Ion Ratio Lower Upper
 88 100
 58 93.1 71.8 107.8
 43 40.6 26.6 39.8

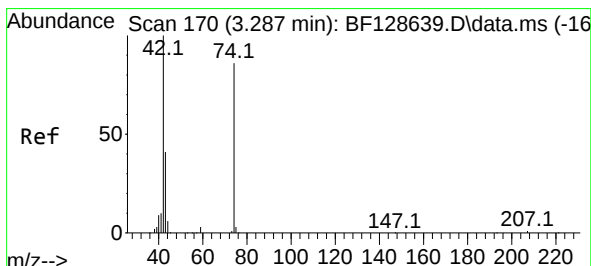
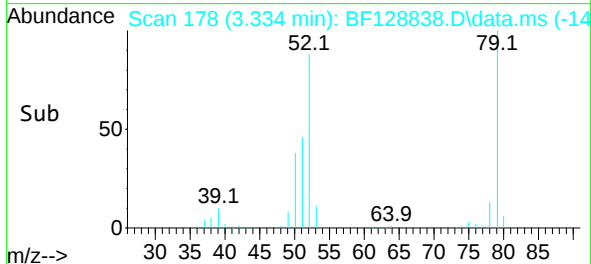
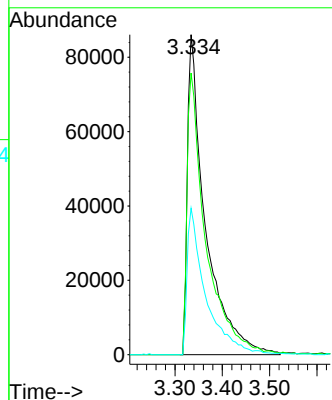
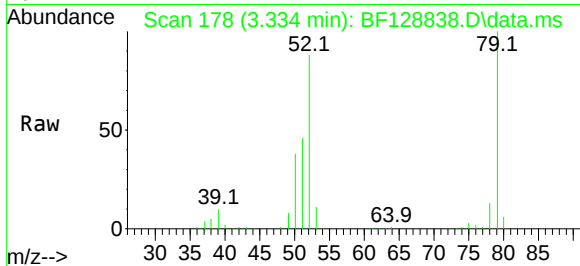




#3
Pyridine
Concen: 35.543 ng
RT: 3.334 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

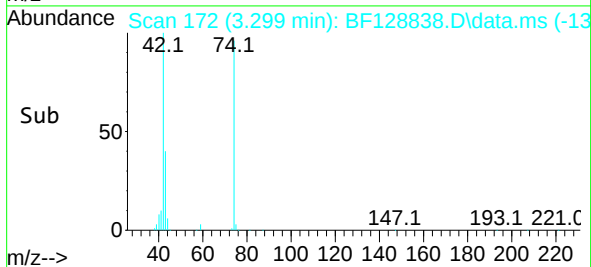
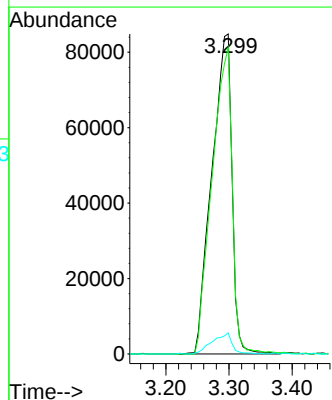
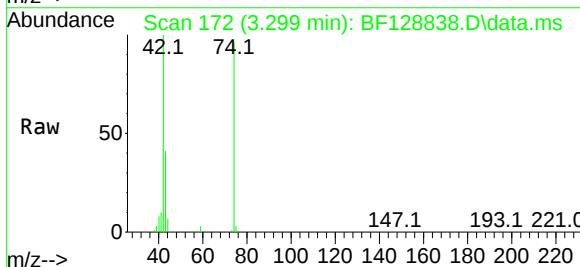
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ClientSampleId :
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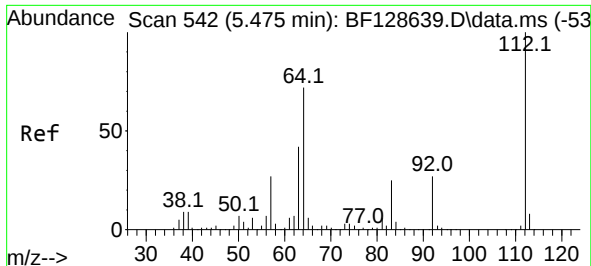
Tgt Ion: 79 Resp: 228849
Ion Ratio Lower Upper
79 100
52 88.0 68.6 102.8
51 45.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 42.069 ng
RT: 3.299 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 42 Resp: 187836
Ion Ratio Lower Upper
42 100
74 95.7 94.8 142.2
44 6.6 6.6 10.0#

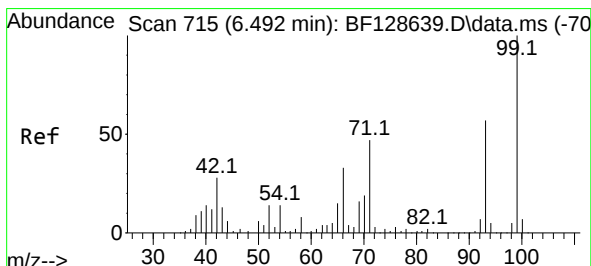
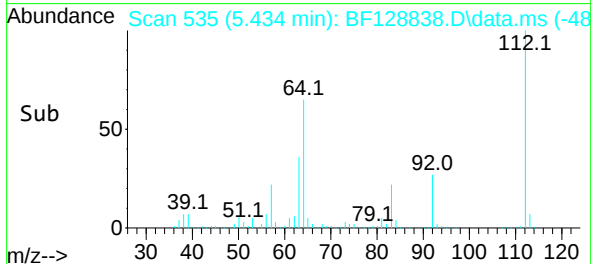
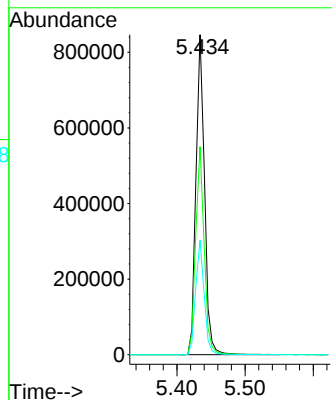
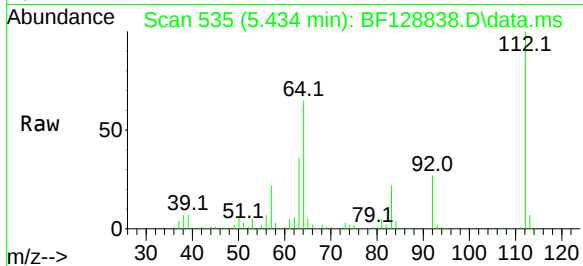




#5
2-Fluorophenol
Concen: 112.606 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

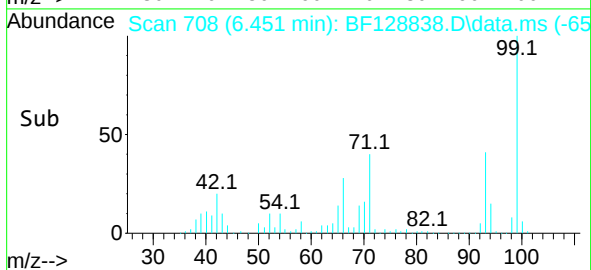
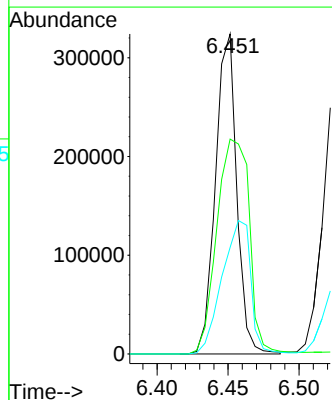
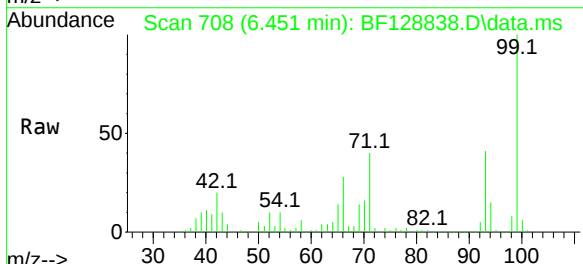
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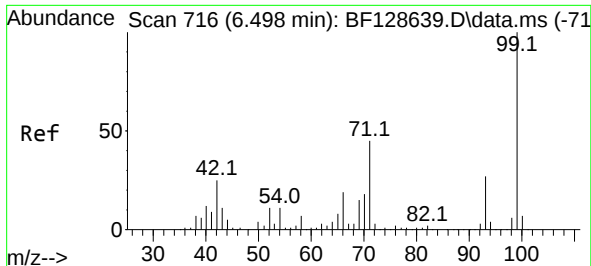
Tgt Ion:112 Resp: 735172
Ion Ratio Lower Upper
112 100
64 65.1 53.3 79.9
63 35.7 28.0 42.0



#6
Aniline
Concen: 39.239 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 93 Resp: 337259
Ion Ratio Lower Upper
93 100
66 67.2 32.5 48.7#
65 33.3 16.4 24.6#

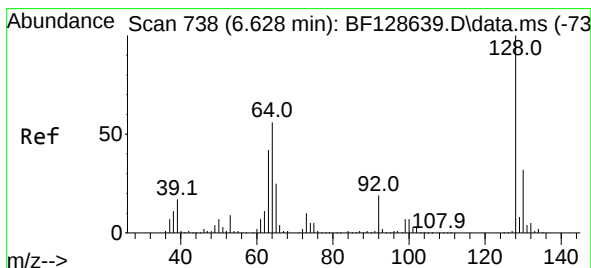
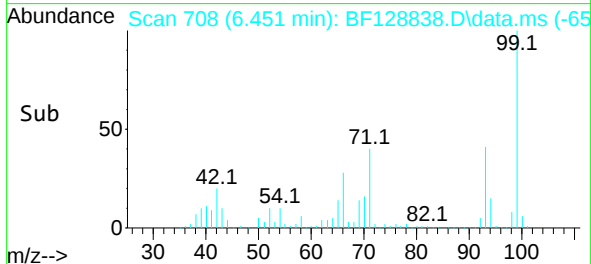
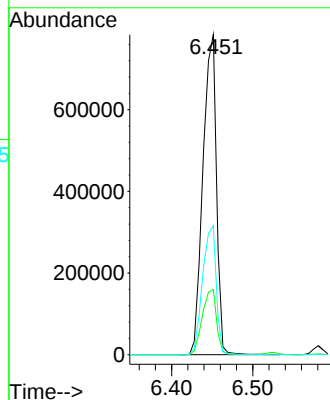
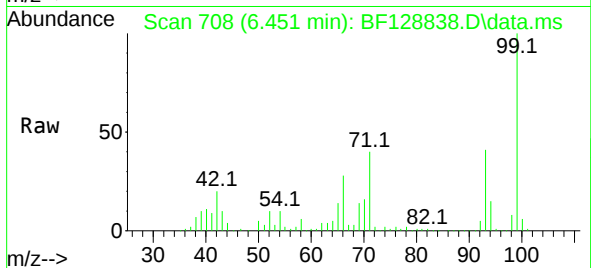




#7
Phenol-d6
Concen: 113.457 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

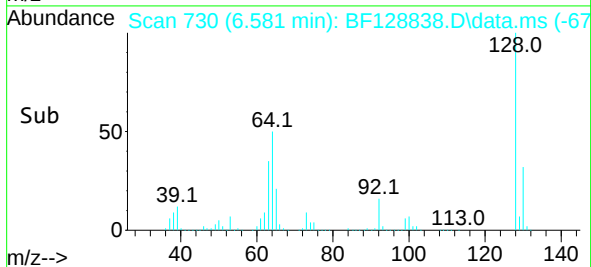
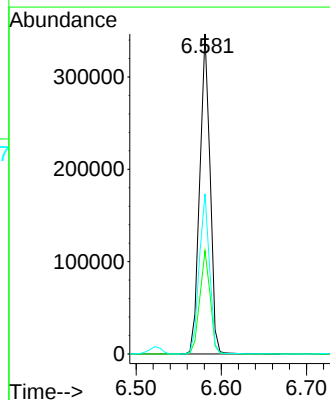
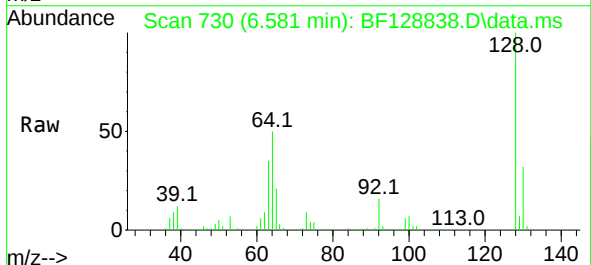
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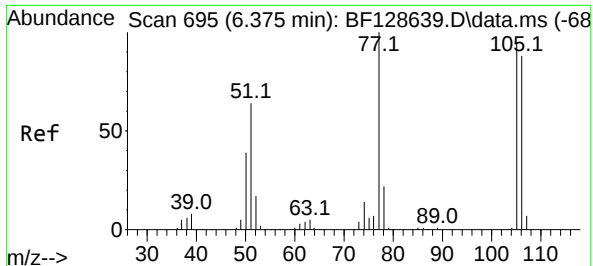
Tgt Ion: 99 Resp: 904181
Ion Ratio Lower Upper
99 100
42 20.4 17.3 25.9
71 40.2 28.9 43.3



#8
2-Chlorophenol
Concen: 43.790 ng
RT: 6.581 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:128 Resp: 292539
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 50.0 30.9 70.9

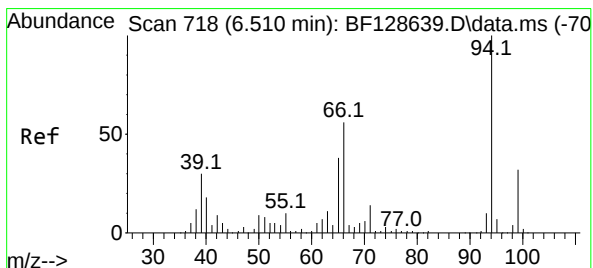
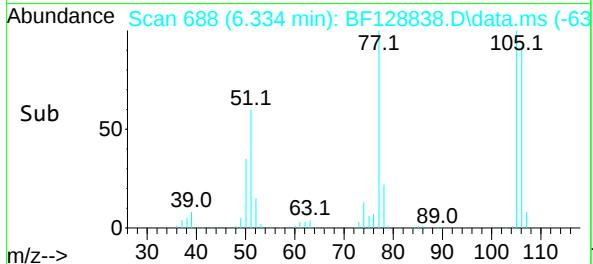
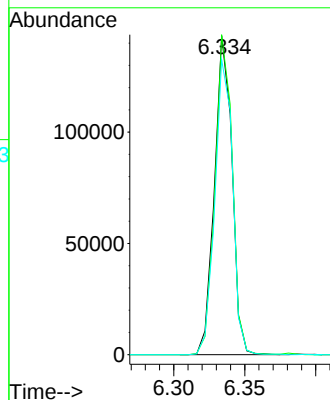
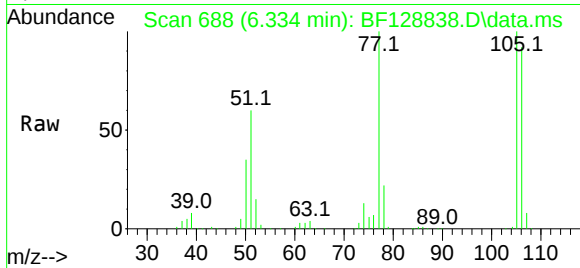




#9
Benzaldehyde
Concen: 25.301 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

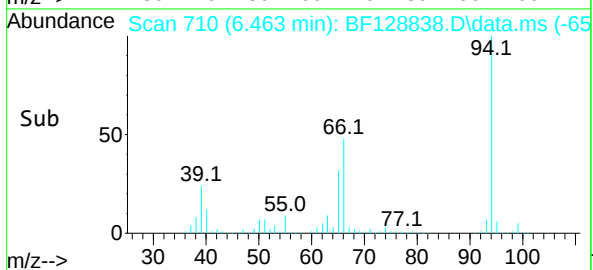
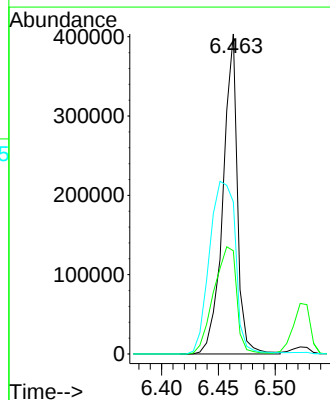
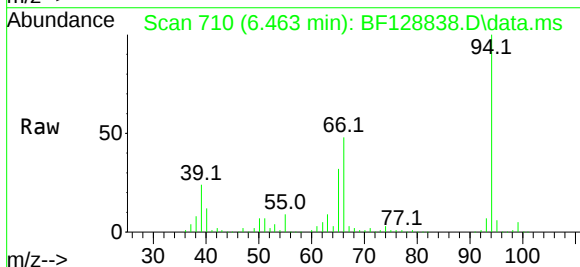
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 122841
Ion Ratio Lower Upper
77 100
105 100.4 81.6 121.6
106 92.5 76.1 116.1



#10
Phenol
Concen: 42.557 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 94 Resp: 358510
Ion Ratio Lower Upper
94 100
65 32.3 11.4 51.4
66 47.5 21.4 61.4

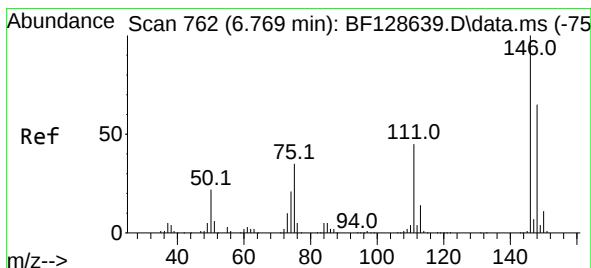
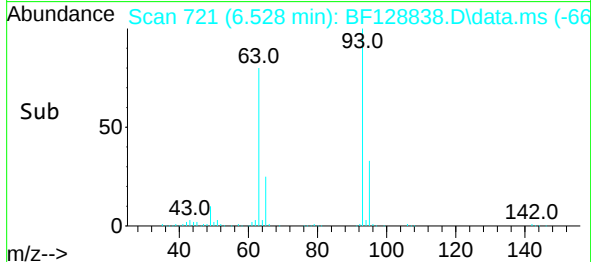
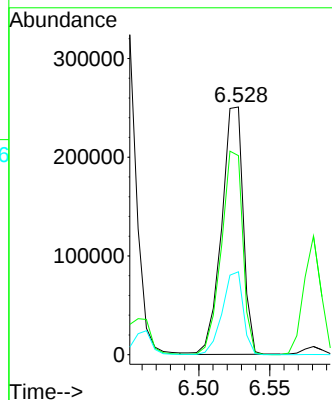
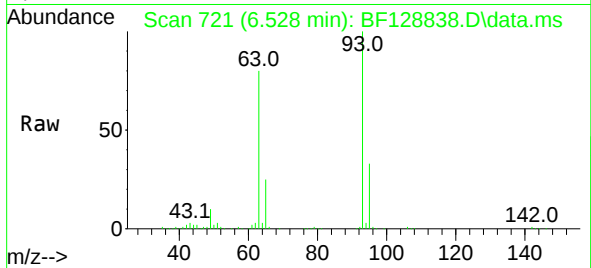




#11
bis(2-Chloroethyl)ether
Concen: 42.967 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

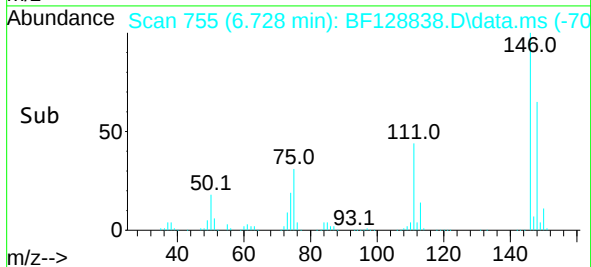
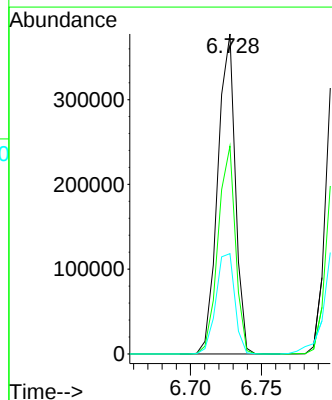
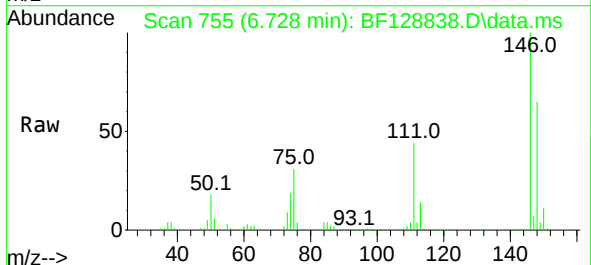
Instrument :
BNA_F
ClientSampleId :
PB145561BS

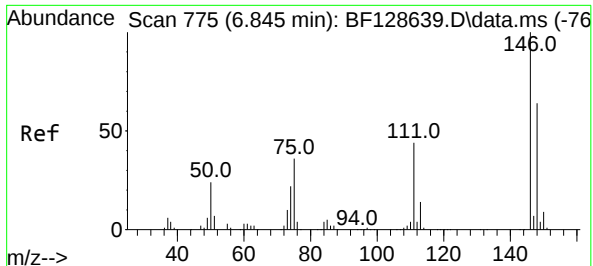
Tgt Ion: 93 Resp: 265231
Ion Ratio Lower Upper
93 100
63 80.4 67.4 107.4
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.055 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 146 Resp: 324790
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 31.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 42.272 ng

RT: 6.804 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

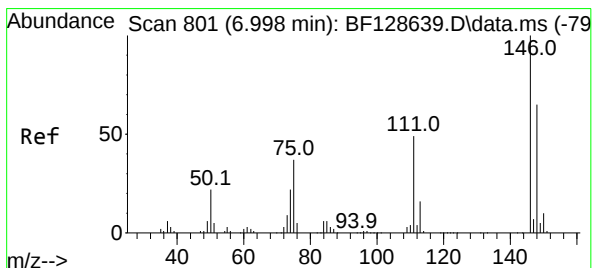
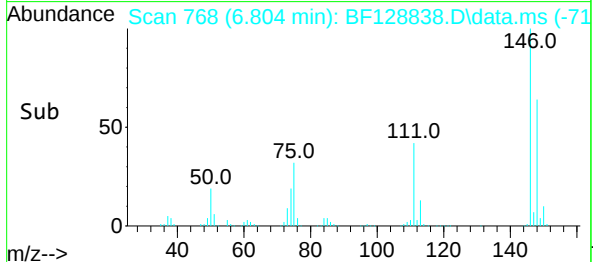
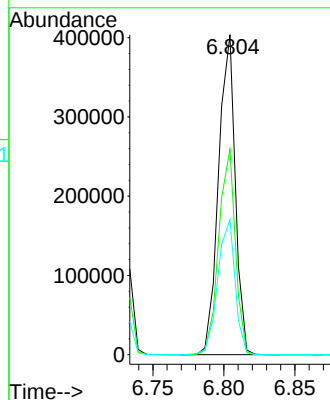
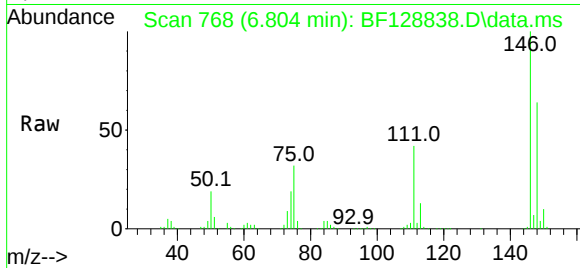
Tgt Ion:146 Resp: 329714

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 42.2 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 42.382 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

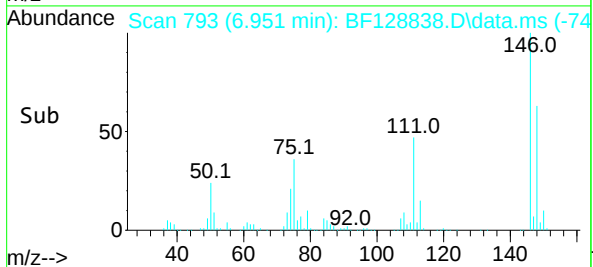
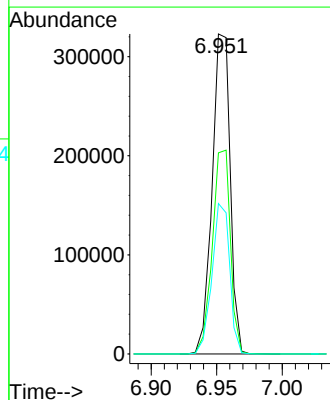
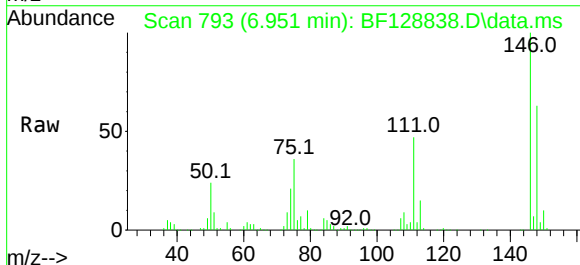
Tgt Ion:146 Resp: 309233

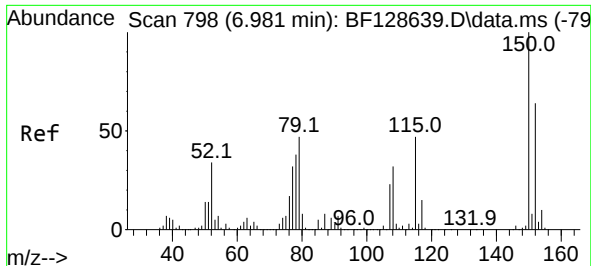
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

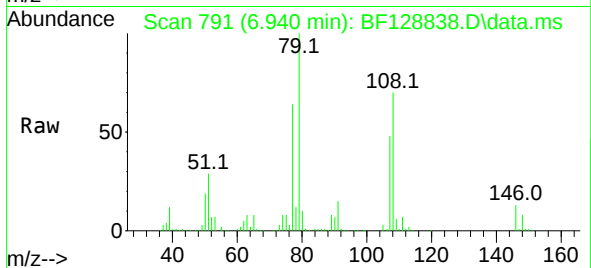
111 47.0 35.1 52.7



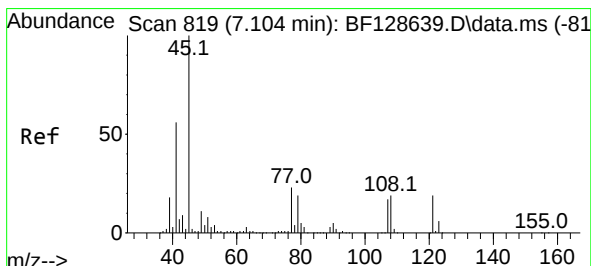
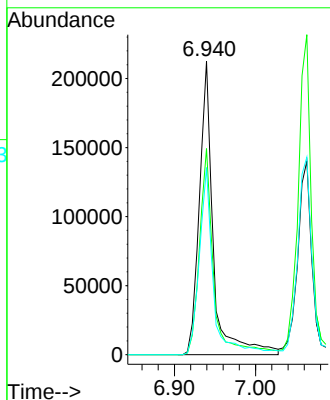
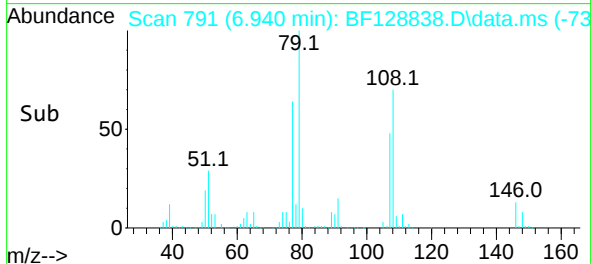


#15
Benzyl Alcohol
Concen: 38.146 ng
RT: 6.940 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

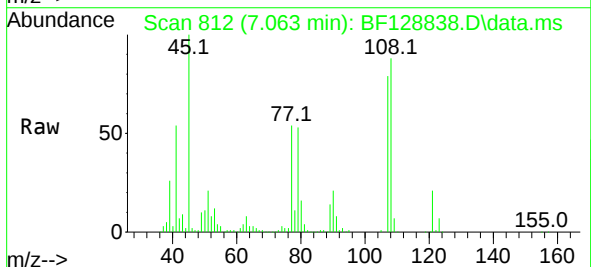
Instrument :
BNA_F
ClientSampleId :
PB145561BS



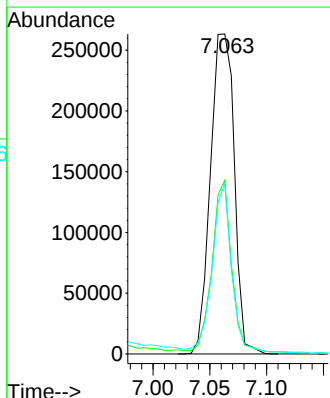
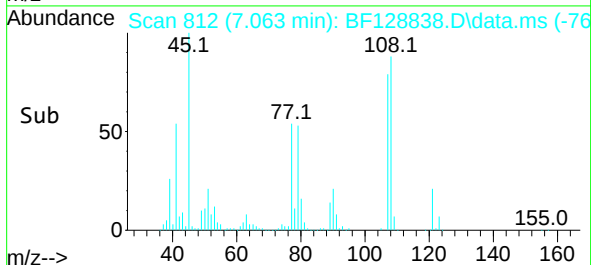
Tgt Ion: 79 Resp: 254353
Ion Ratio Lower Upper
79 100
108 70.2 61.8 92.6
77 63.7 50.2 75.4

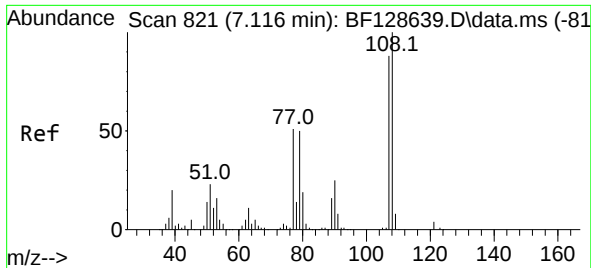


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.709 ng
RT: 7.063 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22



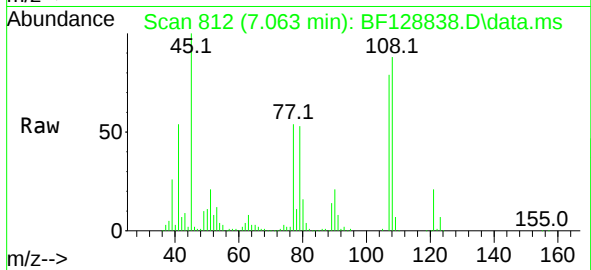
Tgt Ion: 45 Resp: 383527
Ion Ratio Lower Upper
45 100
77 54.3 0.0 31.3#
79 53.2 0.0 28.3#



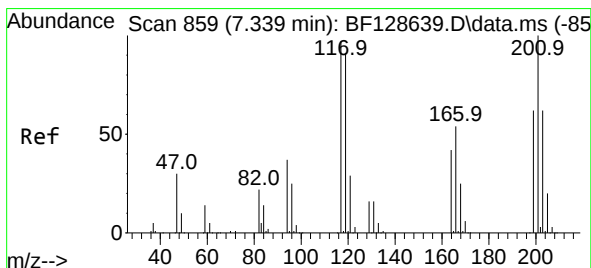
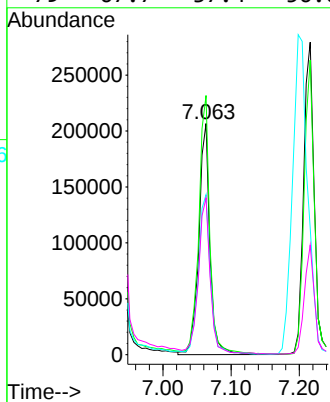
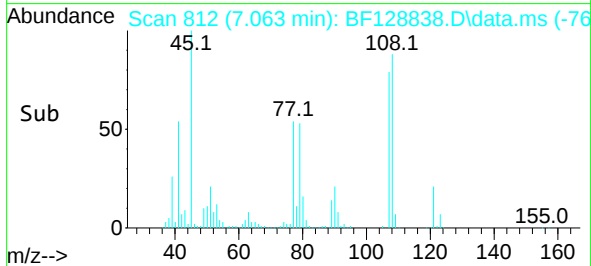


#17
2-Methylphenol
Concen: 44.399 ng
RT: 7.063 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Instrument :
BNA_F
ClientSampleId :
PB145561BS

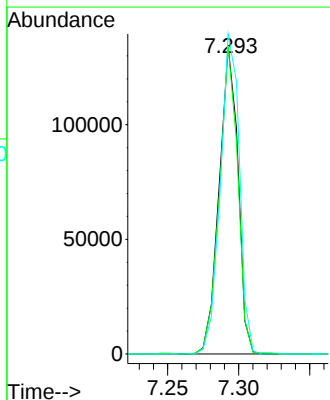
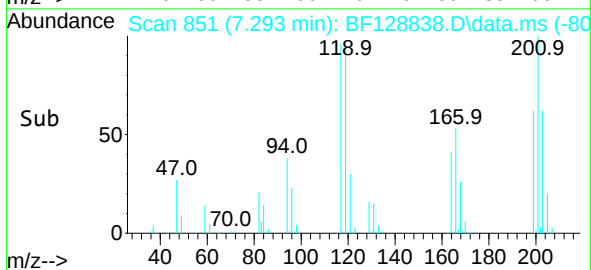
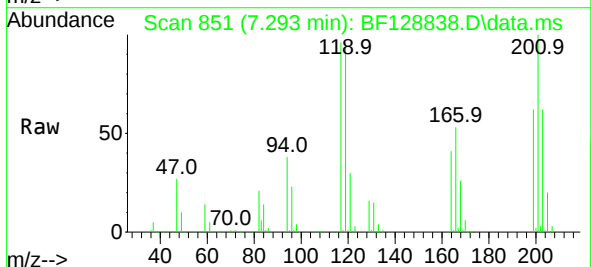


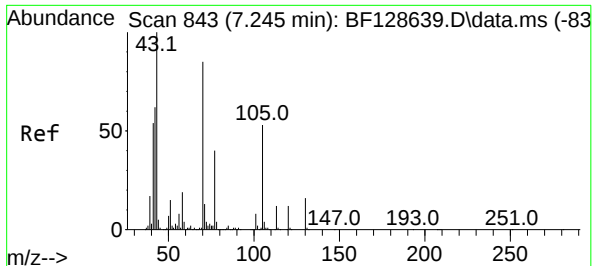
Tgt Ion:	107	Resp:	234418
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.9	137.9
77	69.2	37.8	56.8#
79	67.7	37.4	56.0#



#18
Hexachloroethane
Concen: 42.502 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:	117	Resp:	123334
Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.4	116.2
201	103.8	84.6	127.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.841 ng

RT: 7.204 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

Tgt Ion: 70 Resp: 212280

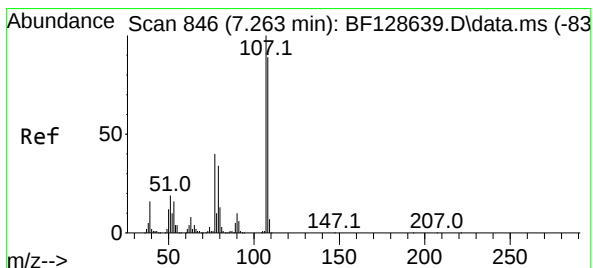
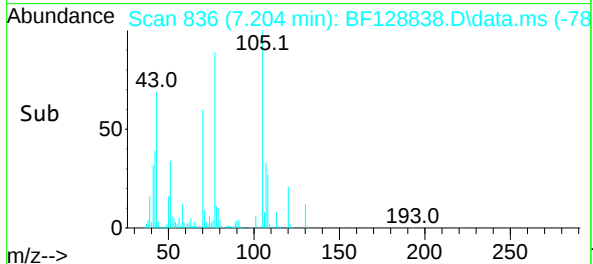
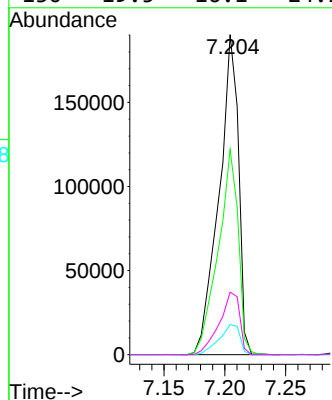
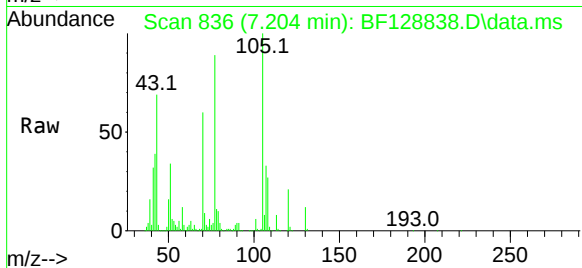
Ion Ratio Lower Upper

70 100

42 64.2 52.3 78.5

101 9.4 7.5 11.3

130 19.5 16.1 24.1



#20

3+4-Methylphenols

Concen: 42.705 ng

RT: 7.216 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Tgt Ion: 107 Resp: 301020

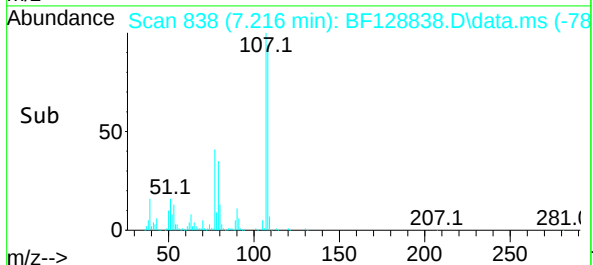
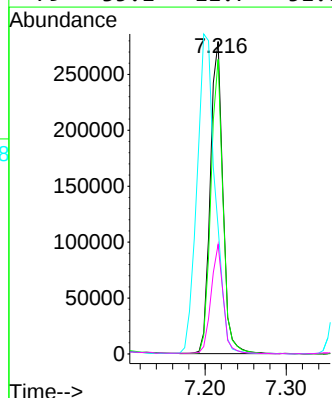
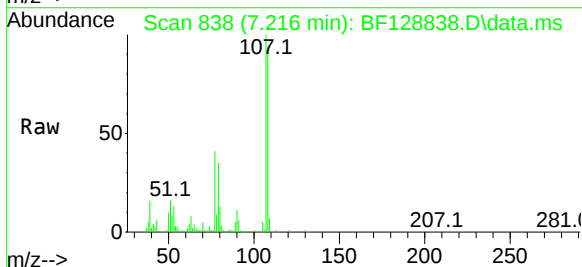
Ion Ratio Lower Upper

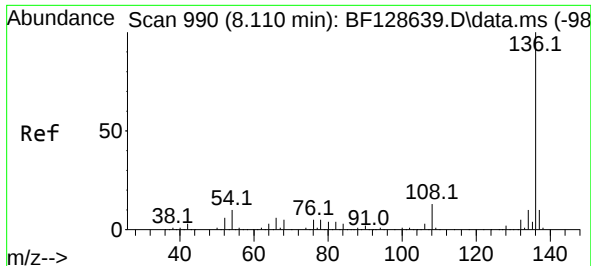
107 100

108 94.3 71.8 111.8

77 40.6 59.3 99.3#

79 35.1 11.7 51.7

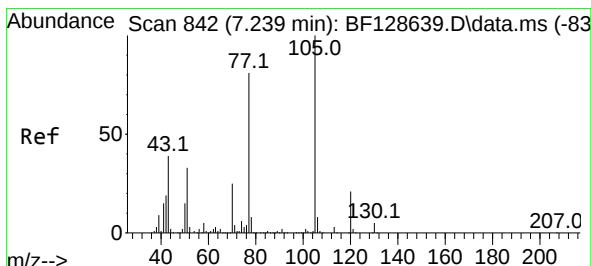
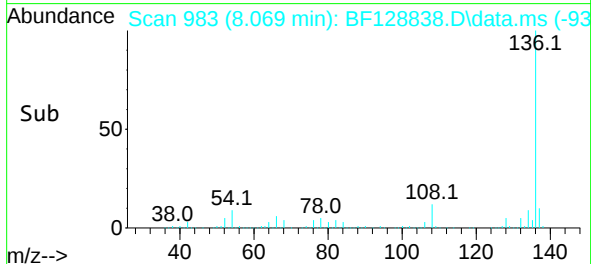
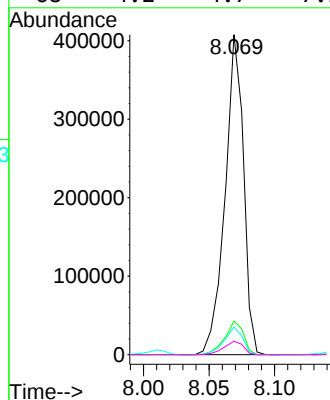
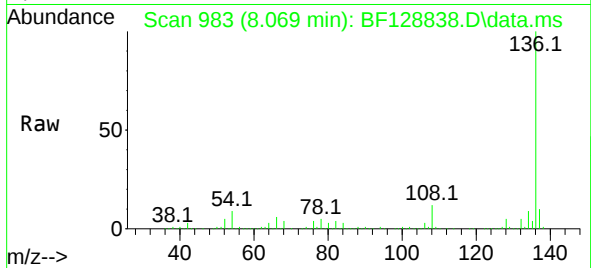




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

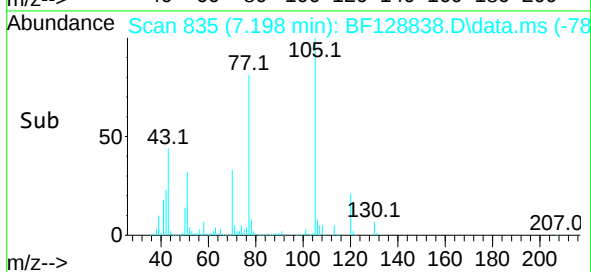
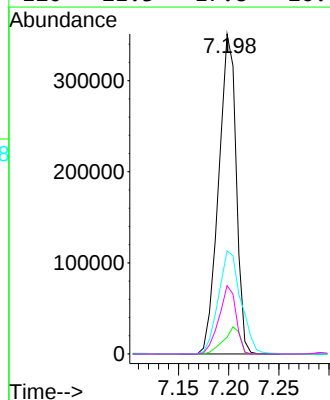
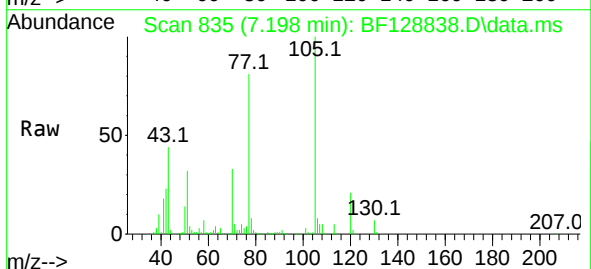
Instrument :
BNA_F
ClientSampleId :
PB145561BS

Tgt Ion:136 Resp: 397956
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.2 4.7 7.1#



#22
Acetophenone
Concen: 41.004 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:105 Resp: 426787
Ion Ratio Lower Upper
105 100
71 5.2 5.0 7.4
51 32.2 25.0 37.4
120 21.3 17.8 26.8

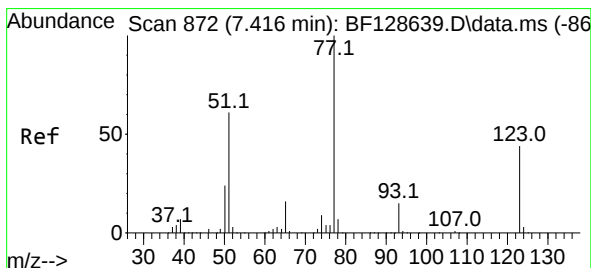
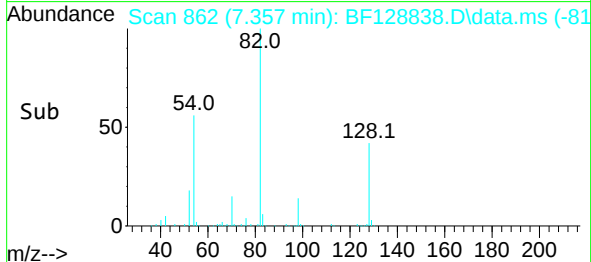
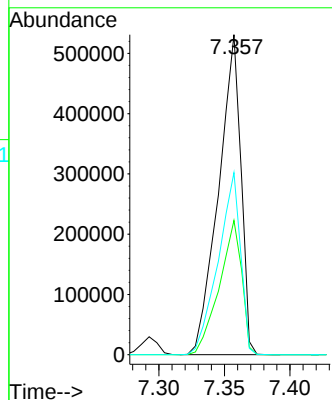
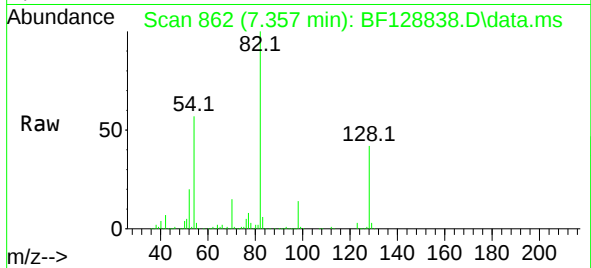




#23
Nitrobenzene-d5
Concen: 73.563 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

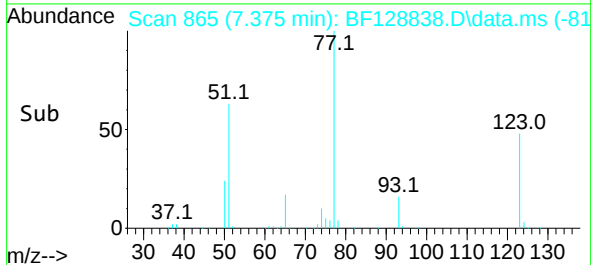
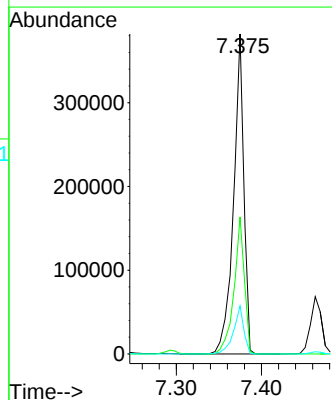
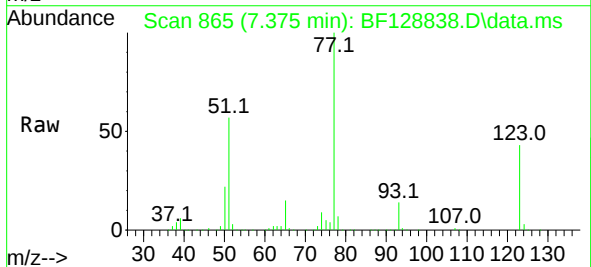
Instrument :
BNA_F
ClientSampleId :
PB145561BS

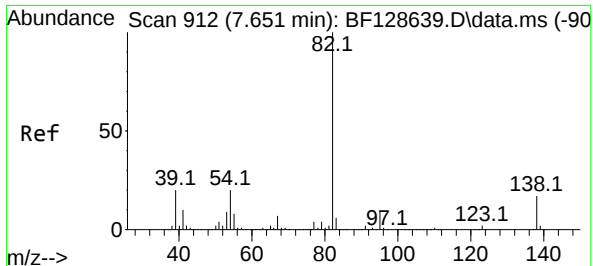
Tgt Ion: 82 Resp: 628775
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 56.9 46.9 70.3



#24
Nitrobenzene
Concen: 41.228 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 77 Resp: 323522
Ion Ratio Lower Upper
77 100
123 42.8 35.4 53.2
65 15.0 11.8 17.8

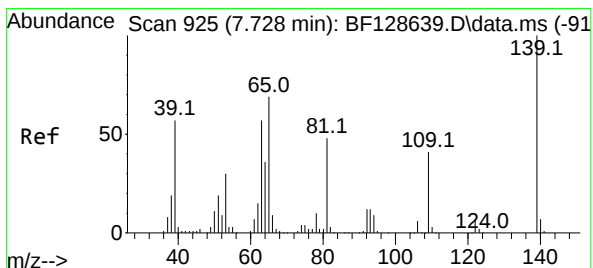
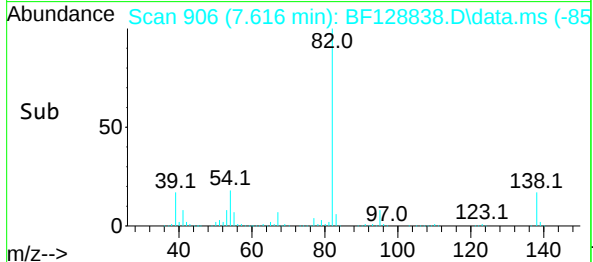
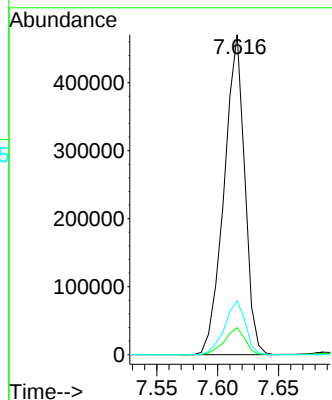
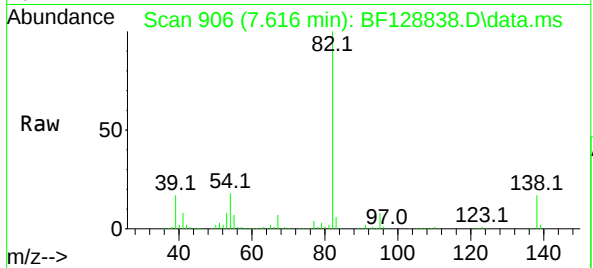




#25
Isophorone
Concen: 42.730 ng
RT: 7.616 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

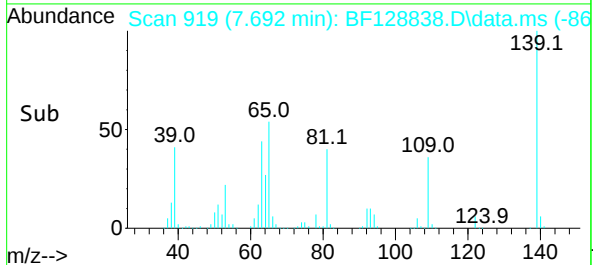
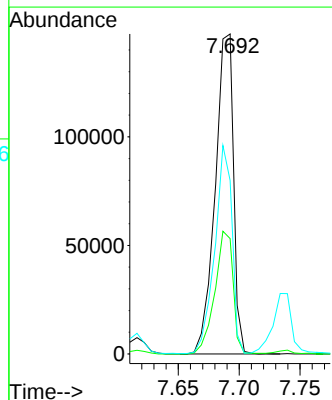
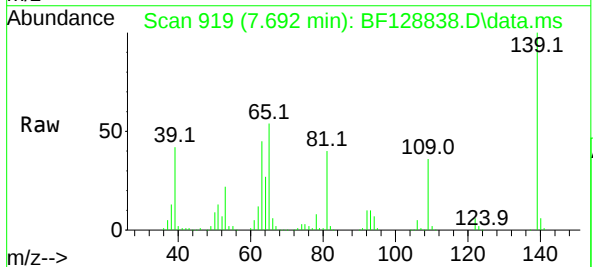
Instrument :
BNA_F
ClientSampleId :
PB145561BS

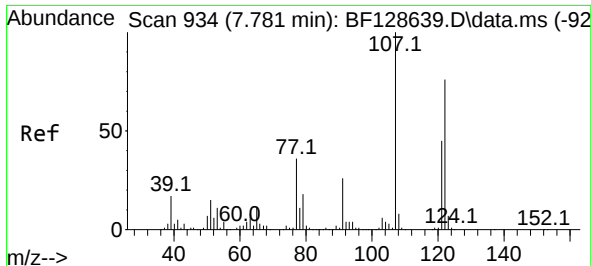
Tgt Ion: 82 Resp: 554703
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.9 14.2 21.2



#26
2-Nitrophenol
Concen: 44.655 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 139 Resp: 154392
Ion Ratio Lower Upper
139 100
109 36.0 25.0 37.4
65 54.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.930 ng

RT: 7.740 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

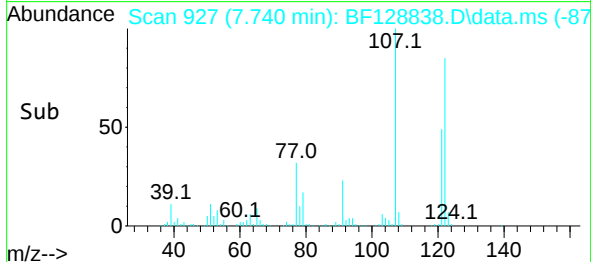
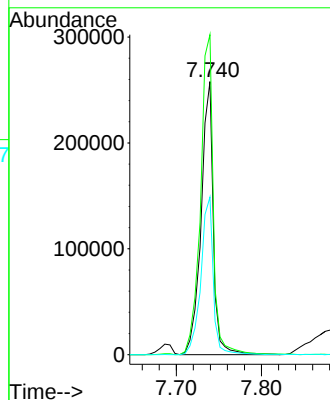
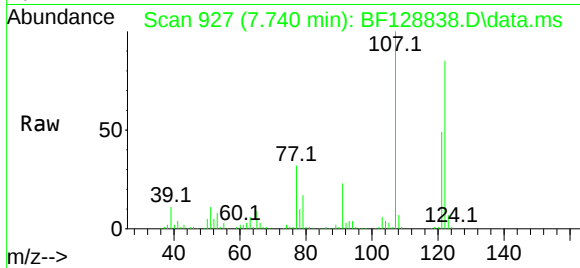
Tgt Ion:122 Resp: 257700

Ion Ratio Lower Upper

122 100

107 117.2 93.0 139.6

121 57.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.749 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

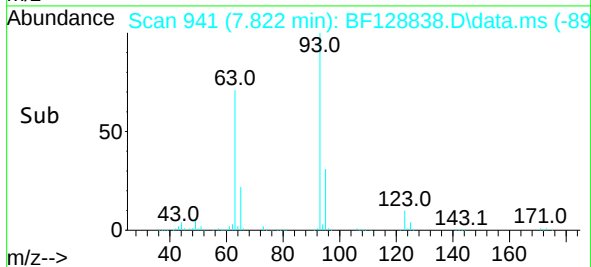
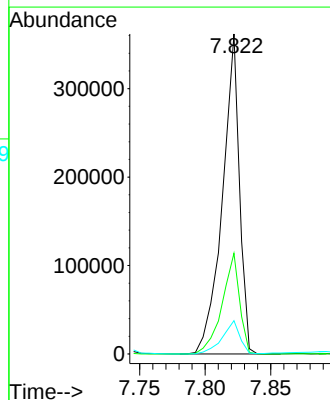
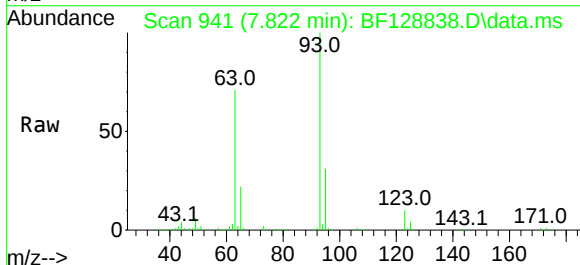
Tgt Ion: 93 Resp: 326196

Ion Ratio Lower Upper

93 100

95 31.4 26.8 40.2

123 10.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.949 ng

RT: 7.945 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128838.D

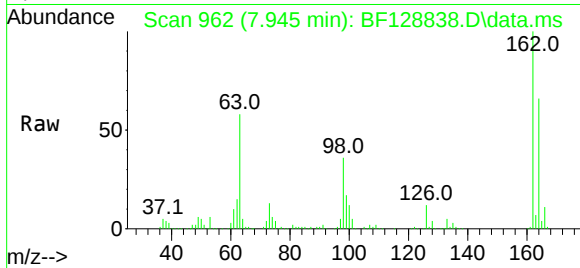
Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS



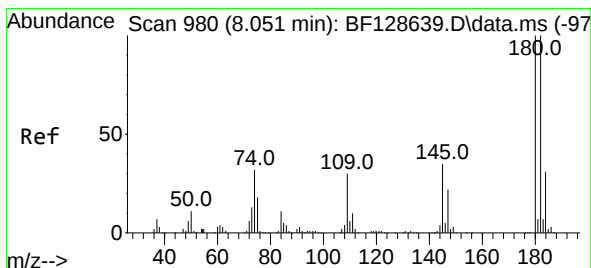
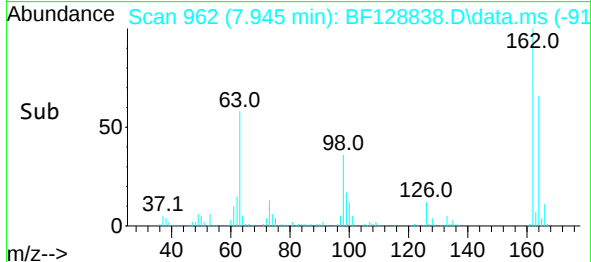
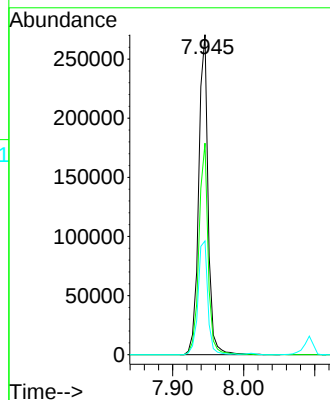
Tgt Ion:162 Resp: 249606

Ion Ratio Lower Upper

162 100

164 66.1 44.2 84.2

98 35.5 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 40.320 ng

RT: 8.010 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

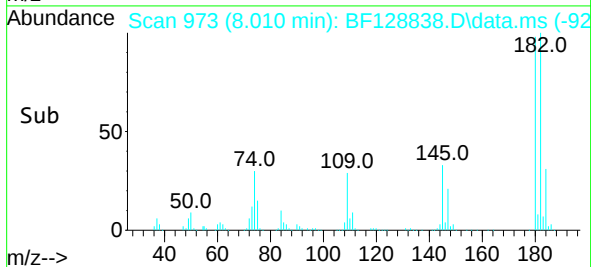
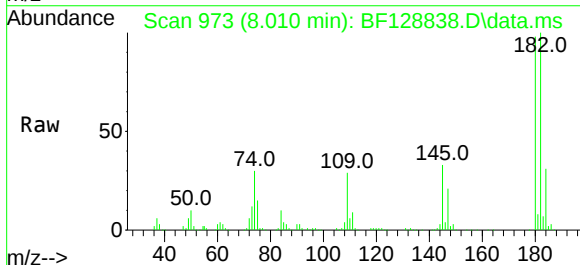
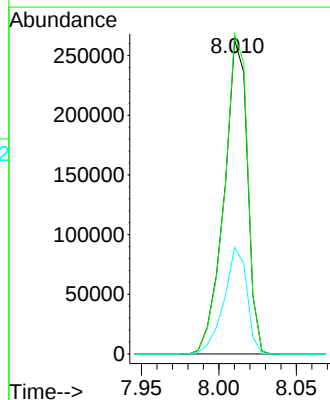
Tgt Ion:180 Resp: 276738

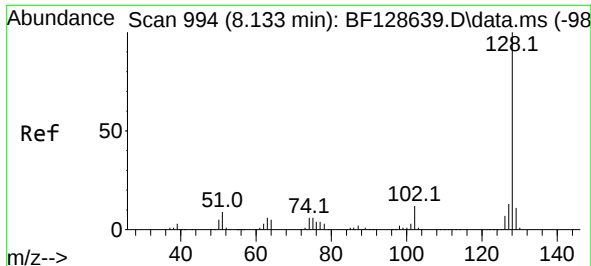
Ion Ratio Lower Upper

180 100

182 101.9 79.2 118.8

145 33.9 26.2 39.2

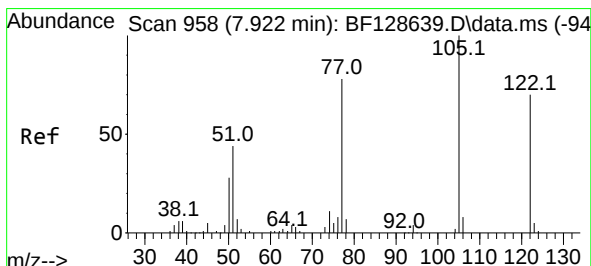
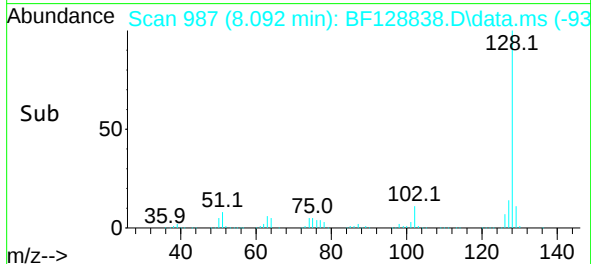
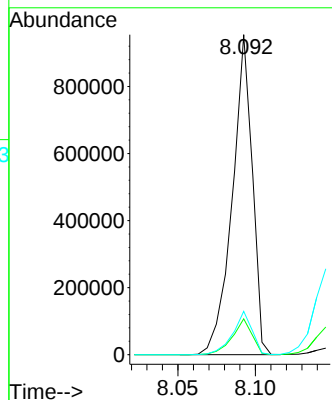
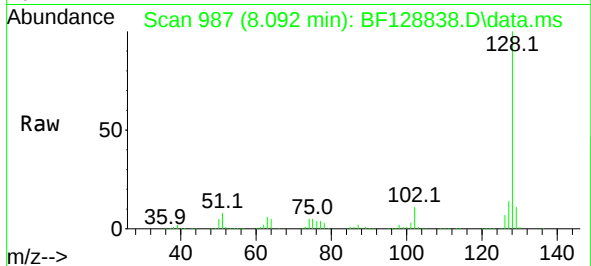




#31
Naphthalene
Concen: 41.962 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

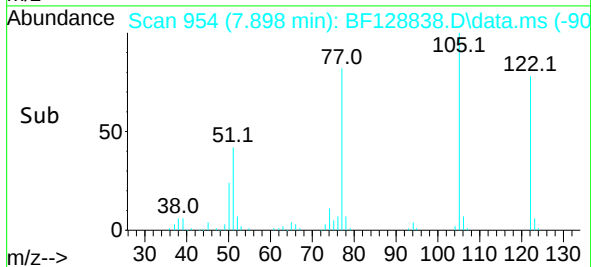
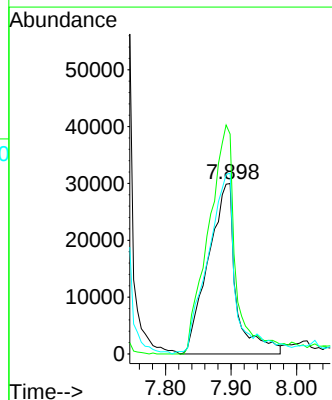
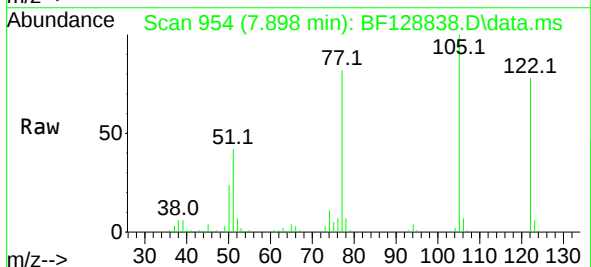
Instrument :
BNA_F
ClientSampleId :
PB145561BS

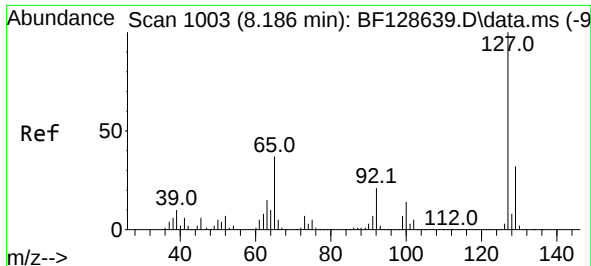
Tgt Ion:128 Resp: 857000
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 23.727 ng
RT: 7.898 min Scan# 954
Delta R.T. 0.018 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:122 Resp: 88659
Ion Ratio Lower Upper
122 100
105 129.0 107.1 147.1
77 106.2 74.2 114.2

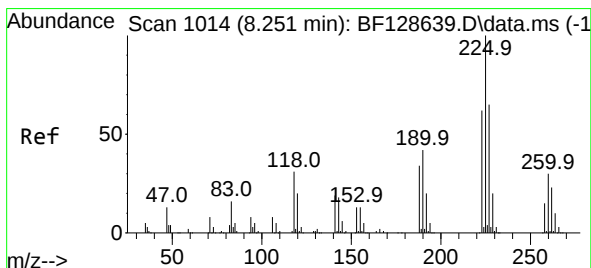
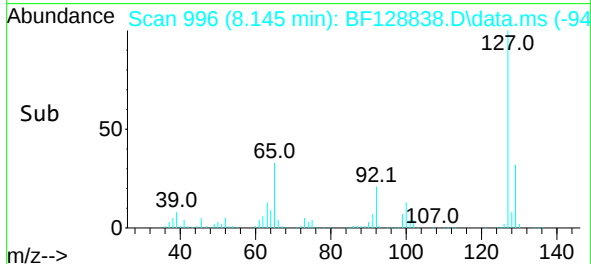
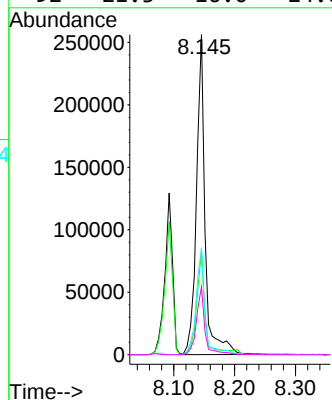
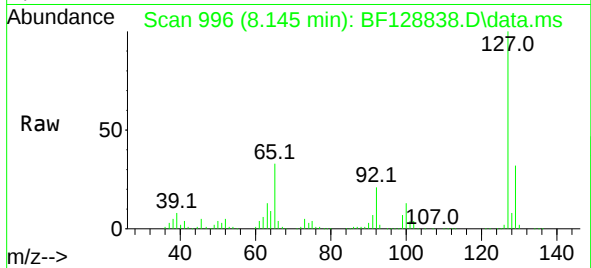




#33
4-Chloroaniline
Concen: 32.910 ng
RT: 8.145 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

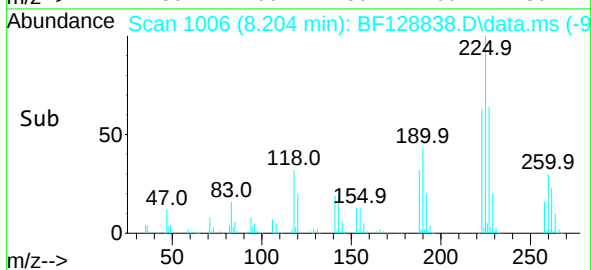
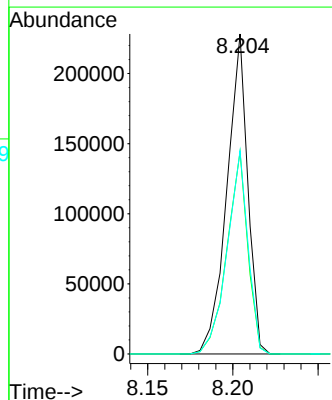
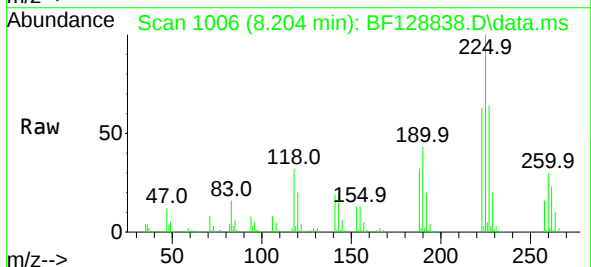
Instrument :
BNA_F
ClientSampleId :
PB145561BS

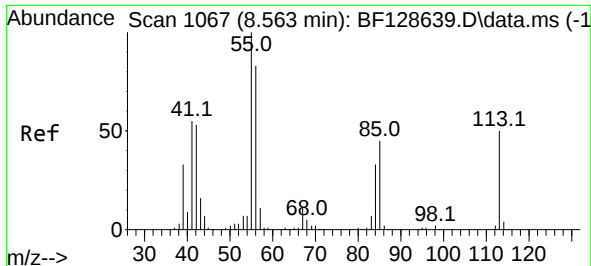
Tgt	Ion:127	Resp:	253415
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	33.4	26.4	39.6
92	21.3	16.0	24.0



#34
Hexachlorobutadiene
Concen: 40.001 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:225	Resp: 194707
Ion Ratio	Lower Upper
225 100	
223 63.2	51.0 76.6
227 63.5	51.1 76.7

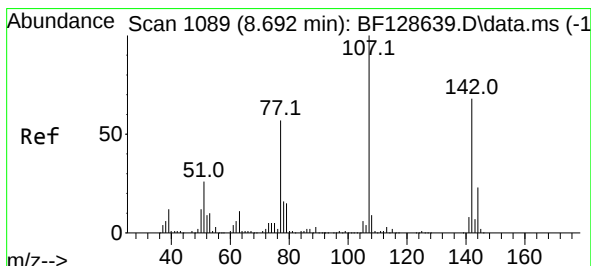
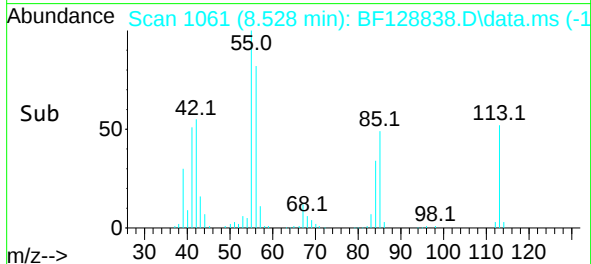
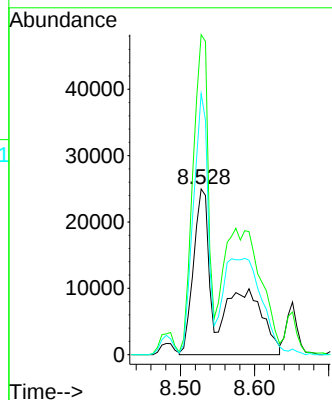
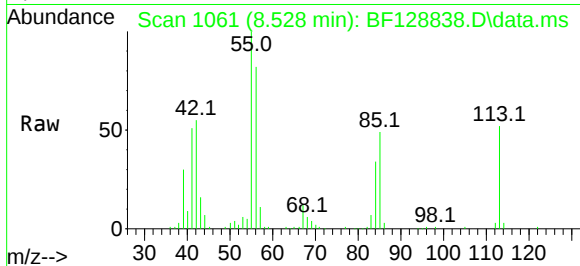




#35
 Caprolactam
 Concen: 41.275 ng m
 RT: 8.528 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

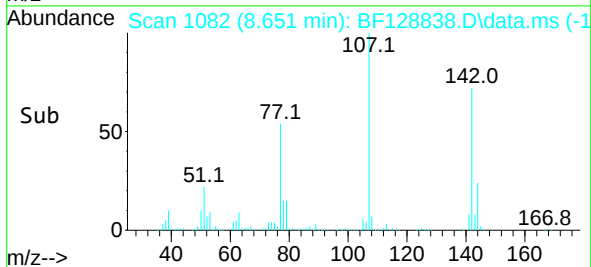
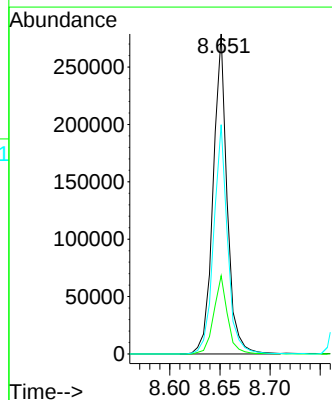
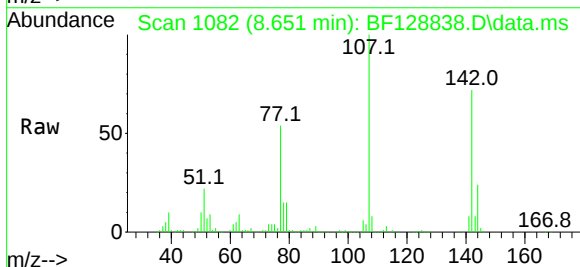
Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

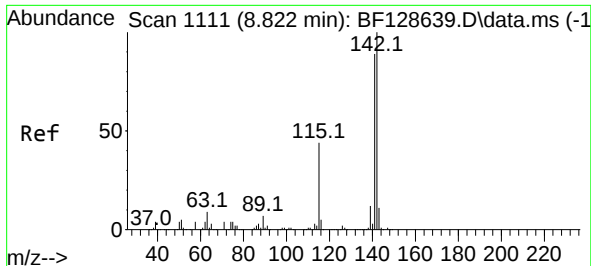
Tgt Ion:113 Resp: 69573
 Ion Ratio Lower Upper
 113 100
 55 193.1 188.5 228.5
 56 157.4 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.728 ng
 RT: 8.651 min Scan# 1082
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

Tgt Ion:107 Resp: 270940
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 71.6 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.539 ng

RT: 8.787 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

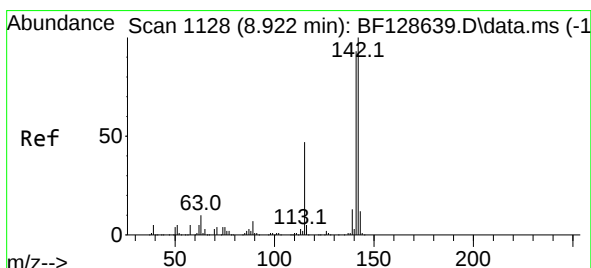
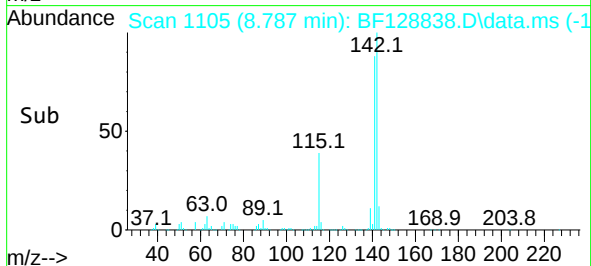
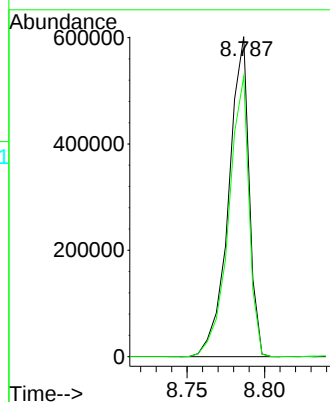
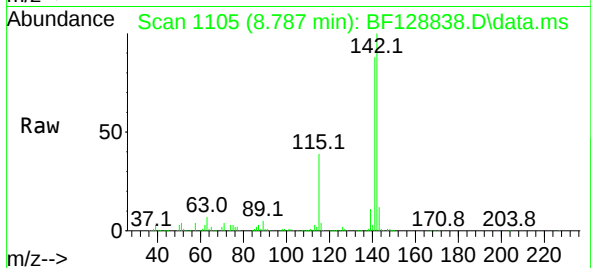
PB145561BS

Tgt Ion:142 Resp: 552602

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 41.894 ng

RT: 8.886 min Scan# 1122

Delta R.T. 0.006 min

Lab File: BF128838.D

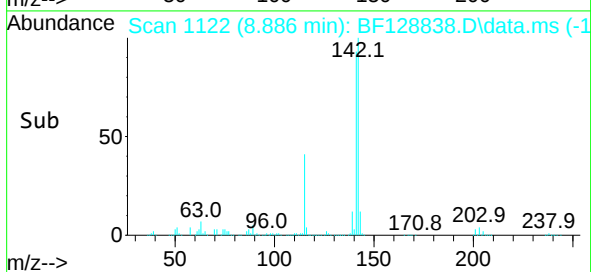
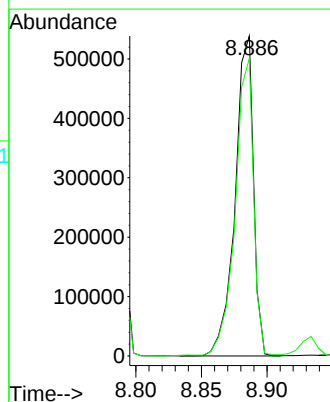
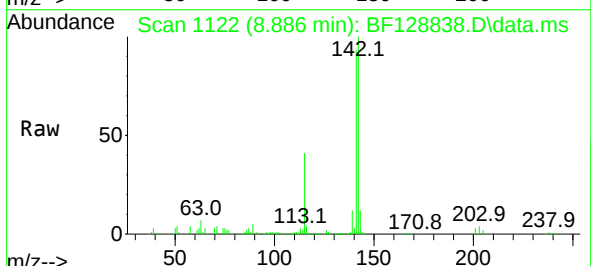
Acq: 16 Jun 2022 14:22

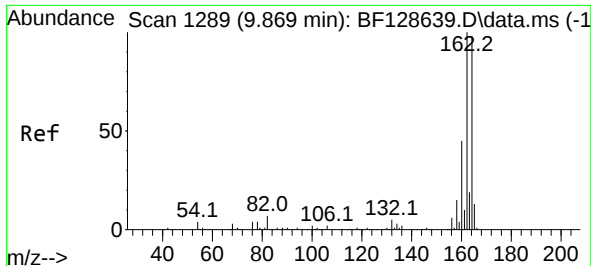
Tgt Ion:142 Resp: 525799

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

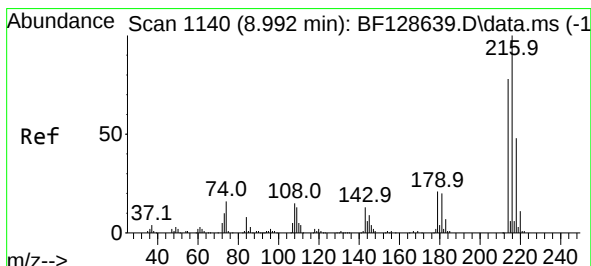
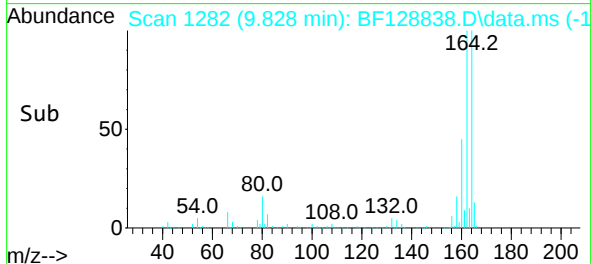
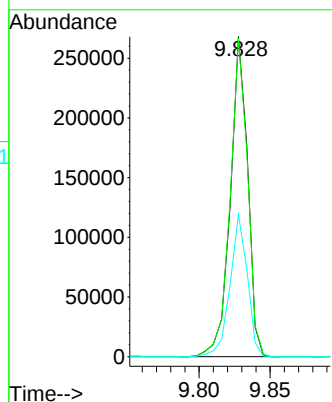
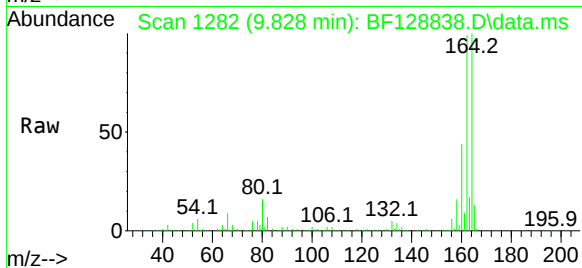
Tgt Ion:164 Resp: 226794

Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 44.5 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.794 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Tgt Ion:216 Resp: 301424

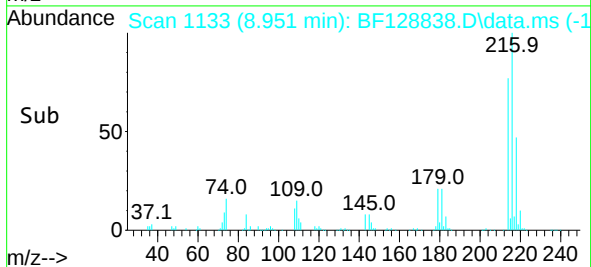
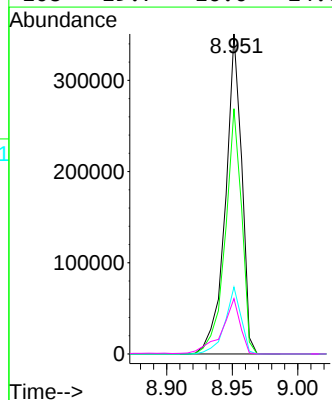
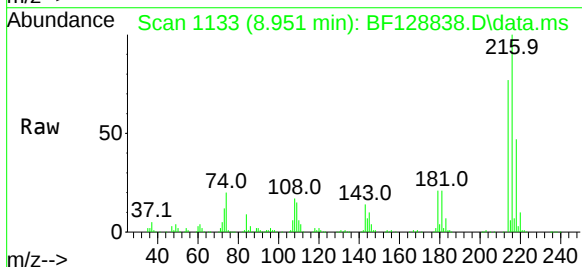
Ion Ratio Lower Upper

216 100

214 76.9 63.6 95.4

179 20.5 17.0 25.6

108 19.7 16.0 24.0

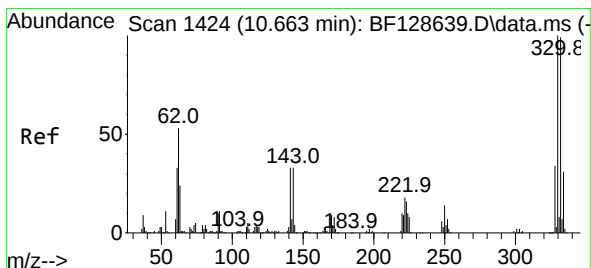
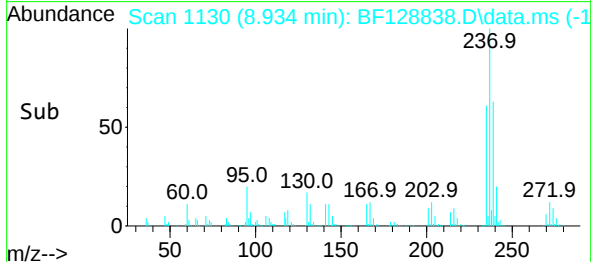
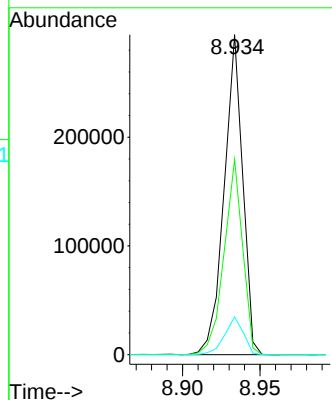
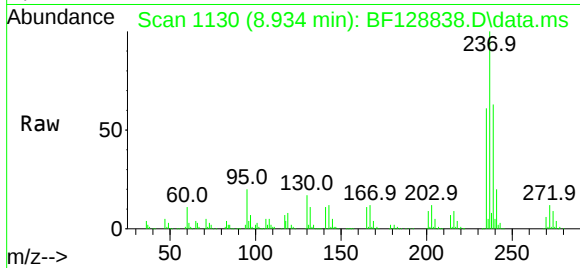




#41
Hexachlorocyclopentadiene
Concen: 57.895 ng
RT: 8.934 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

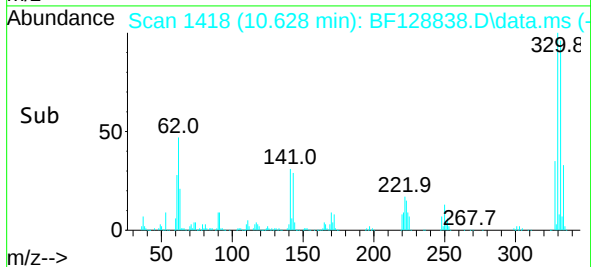
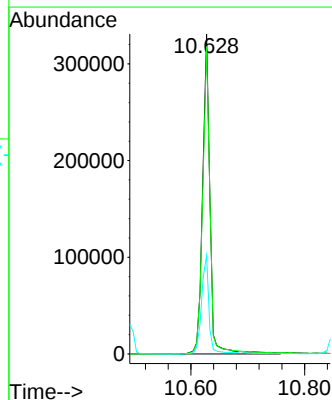
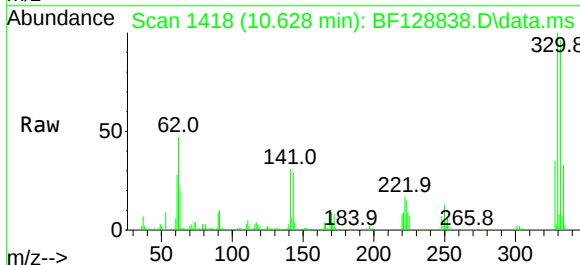
Instrument :
BNA_F
ClientSampleId :
PB145561BS

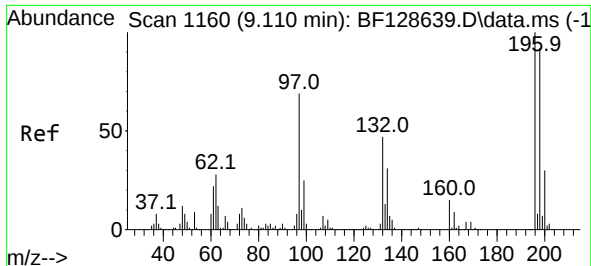
Tgt Ion: 237 Resp: 245121
Ion Ratio Lower Upper
237 100
235 61.0 43.2 83.2
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 111.434 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion: 330 Resp: 298608
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 31.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 36.404 ng

RT: 9.075 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

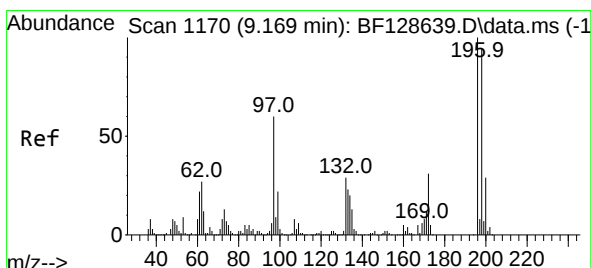
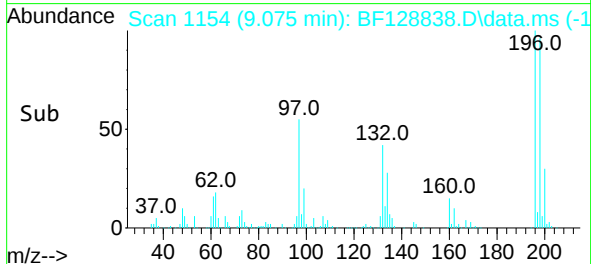
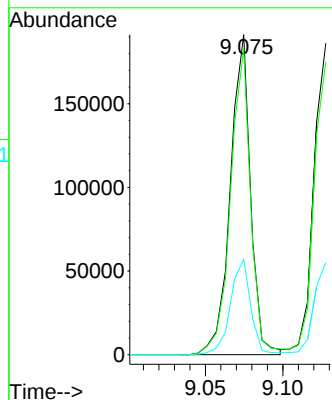
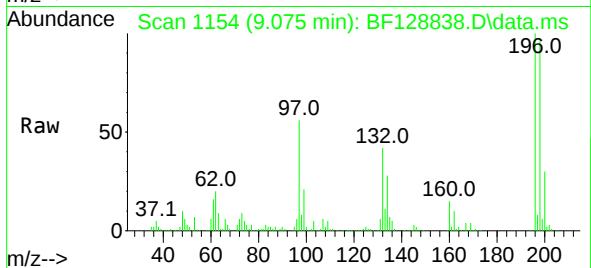
Tgt Ion:196 Resp: 173396

Ion Ratio Lower Upper

196 100

198 95.6 74.0 111.0

200 29.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 37.502 ng

RT: 9.128 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Tgt Ion:196 Resp: 184600

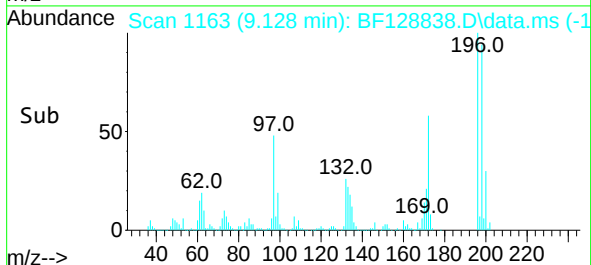
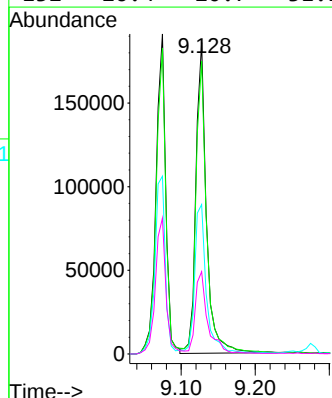
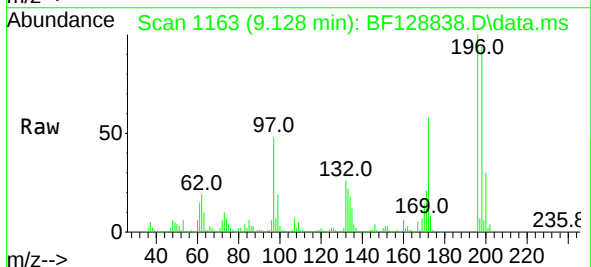
Ion Ratio Lower Upper

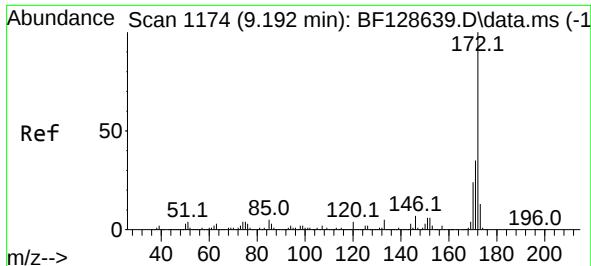
196 100

198 94.1 75.7 113.5

97 48.0 36.4 54.6

132 26.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 76.969 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

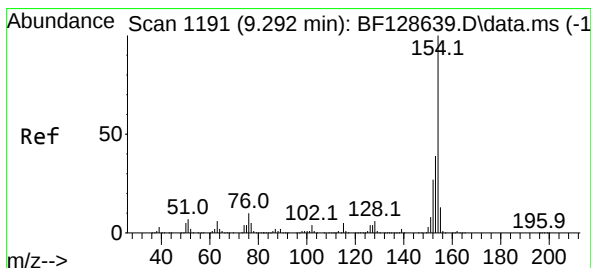
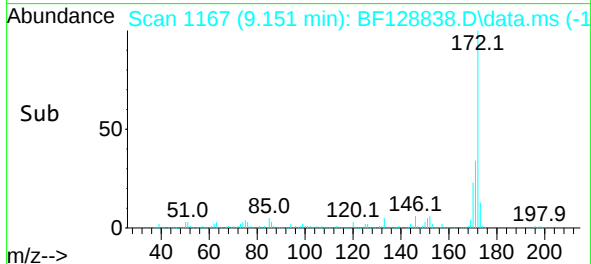
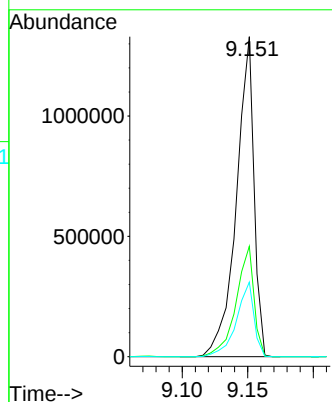
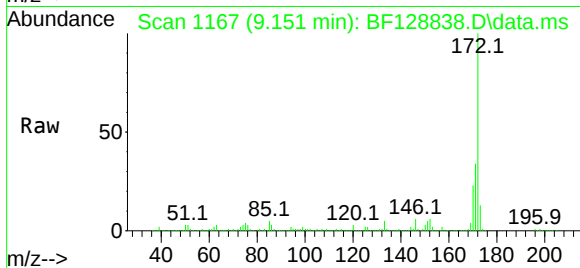
Tgt Ion:172 Resp: 1246158

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.3 19.8 29.8



#46

1,1'-Biphenyl

Concen: 41.467 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

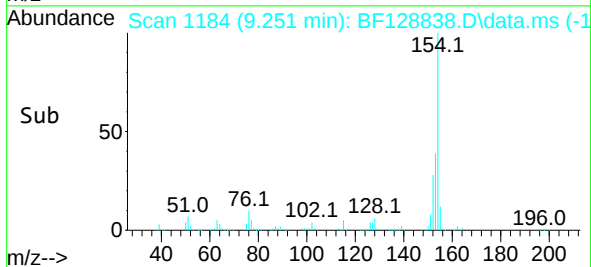
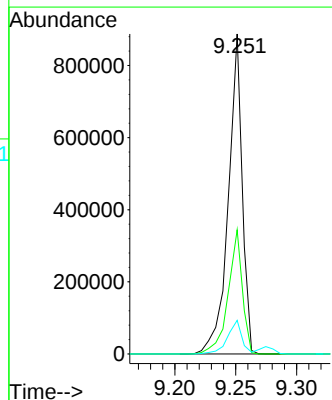
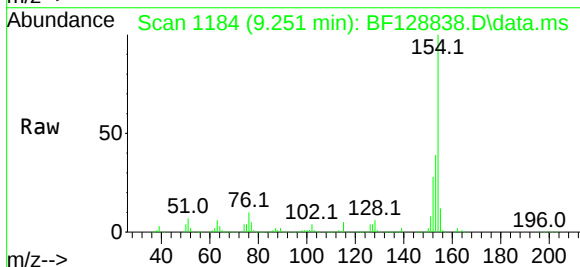
Tgt Ion:154 Resp: 705641

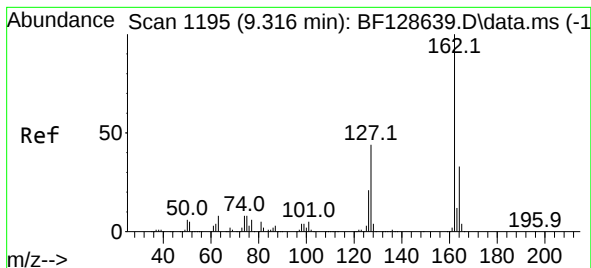
Ion Ratio Lower Upper

154 100

153 38.8 20.6 60.6

76 10.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.029 ng

RT: 9.275 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

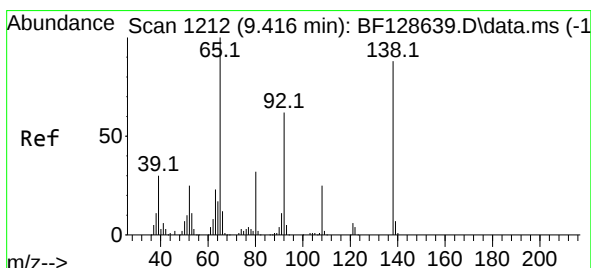
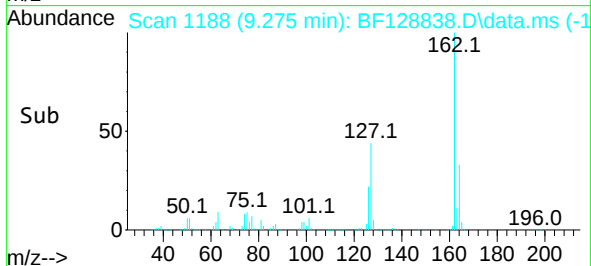
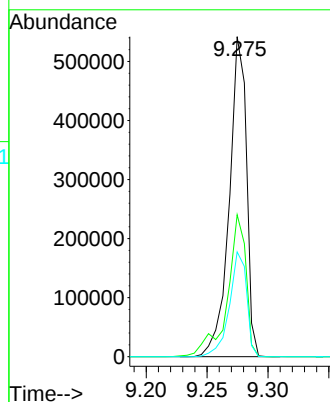
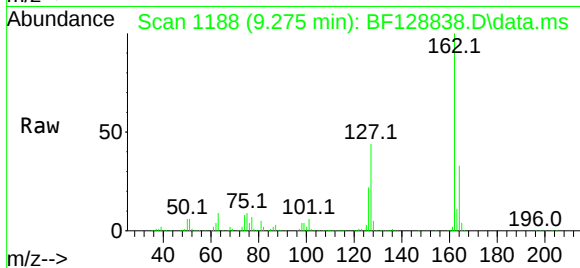
Tgt Ion:162 Resp: 532752

Ion Ratio Lower Upper

162 100

127 44.3 34.5 51.7

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 39.987 ng

RT: 9.381 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

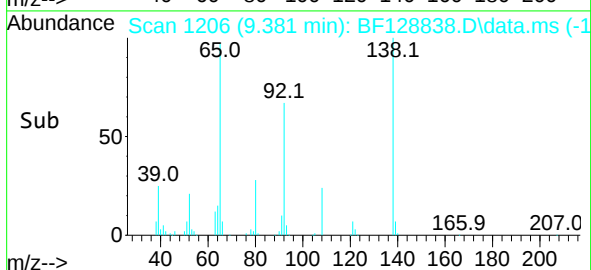
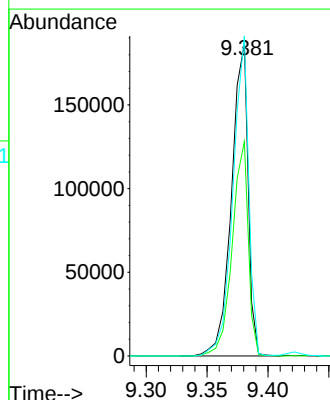
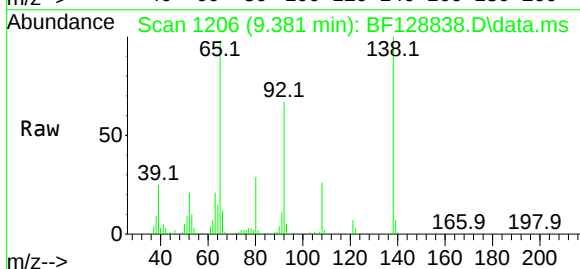
Tgt Ion: 65 Resp: 177552

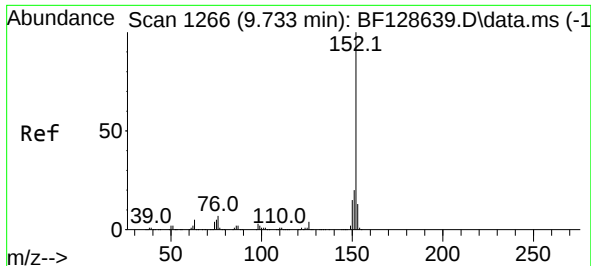
Ion Ratio Lower Upper

65 100

92 68.6 51.9 77.9

138 102.4 76.4 114.6

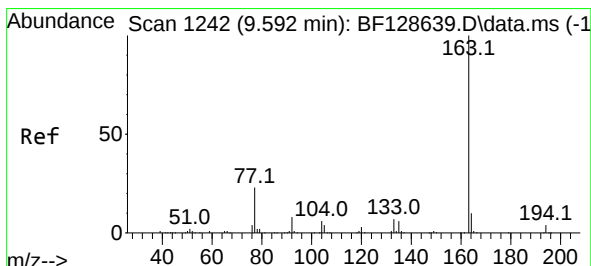
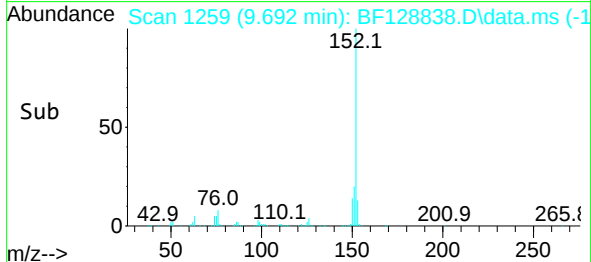
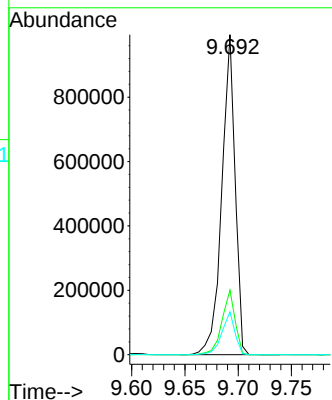
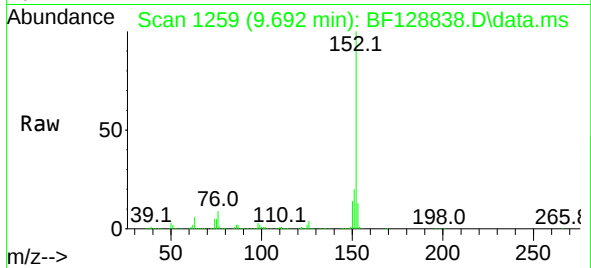




#49
Acenaphthylene
Concen: 43.393 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

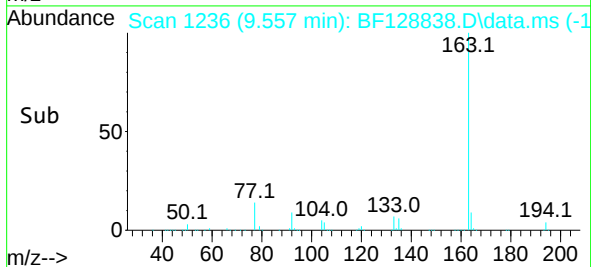
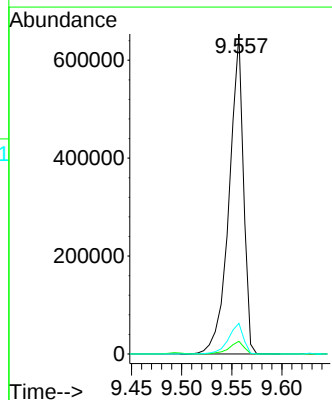
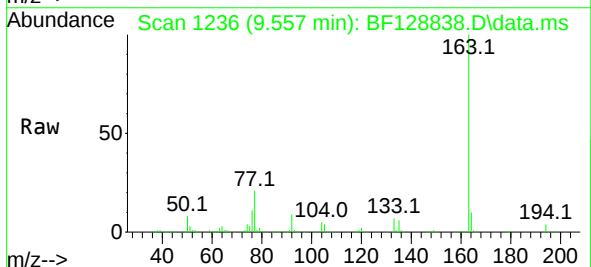
Instrument :
BNA_F
ClientSampleId :
PB145561BS

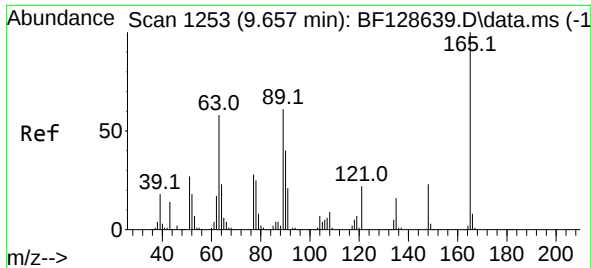
Tgt Ion:152 Resp: 862594
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 41.740 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:163 Resp: 647960
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.5 8.2 12.2

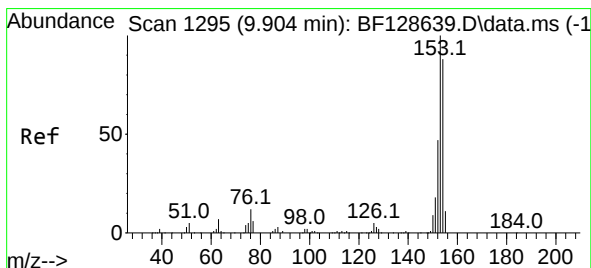
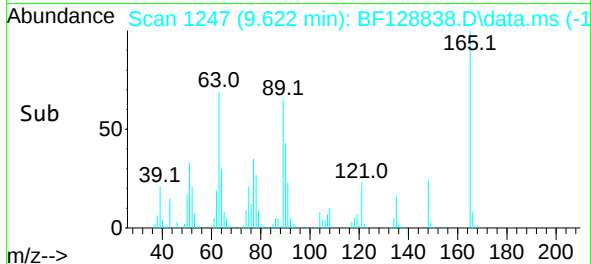
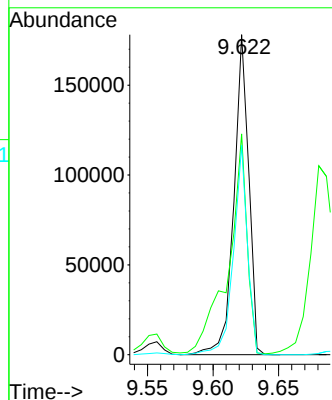
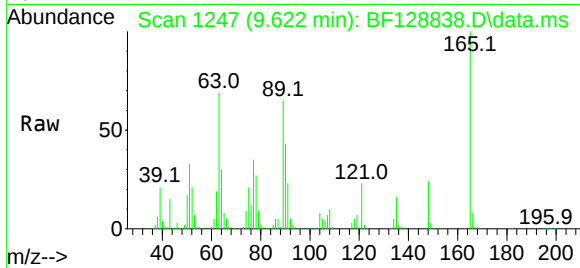




#51
2,6-Dinitrotoluene
Concen: 45.690 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

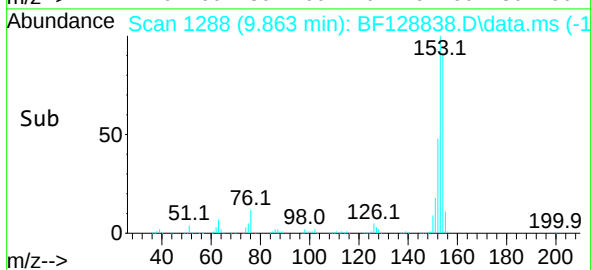
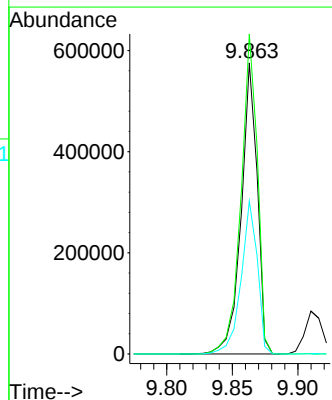
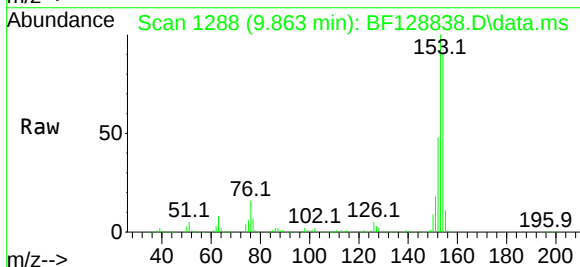
Instrument :
BNA_F
ClientSampleId :
PB145561BS

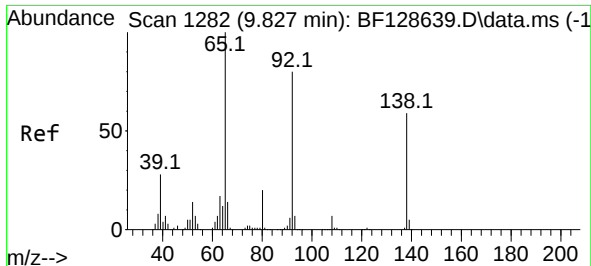
Tgt Ion:165 Resp: 139990
Ion Ratio Lower Upper
165 100
63 69.0 44.9 67.3#
89 65.4 43.6 65.4#



#52
Acenaphthene
Concen: 37.944 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:154 Resp: 491196
Ion Ratio Lower Upper
154 100
153 109.9 89.6 134.4
152 52.5 42.4 63.6

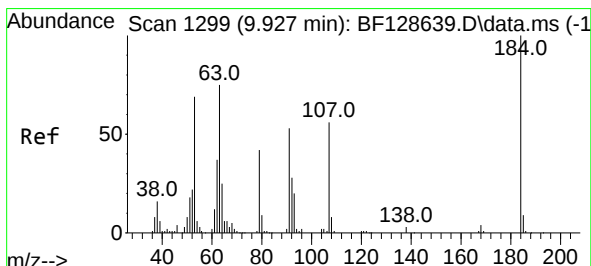
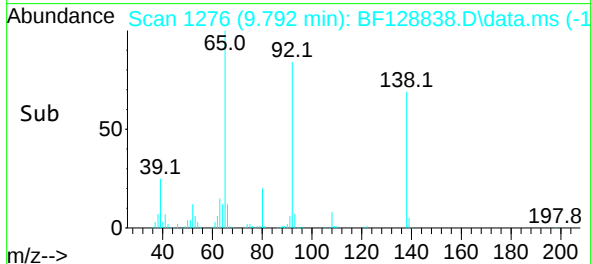
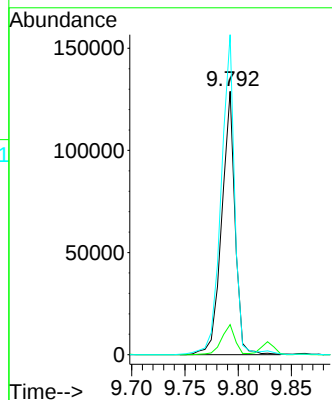
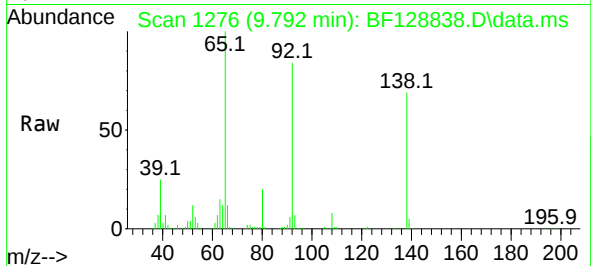




#53
3-Nitroaniline
Concen: 33.724 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

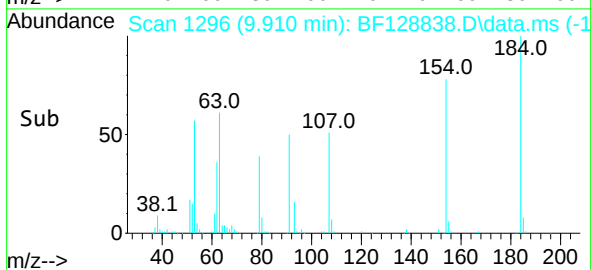
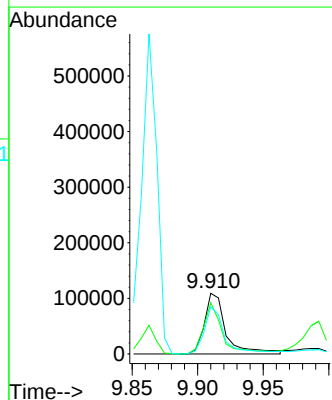
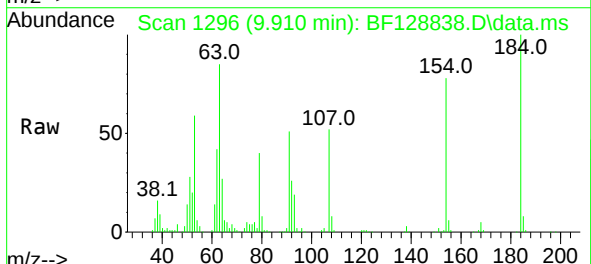
Instrument :
BNA_F
ClientSampleId :
PB145561BS

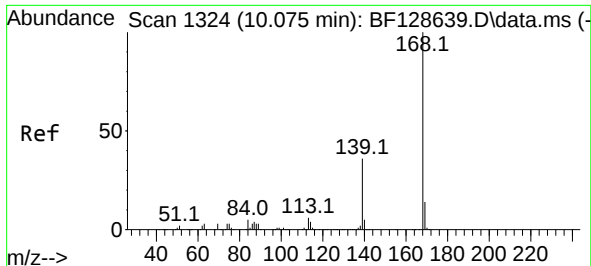
Tgt Ion:138 Resp: 112142
Ion Ratio Lower Upper
138 100
108 11.4 10.9 16.3
92 121.5 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 73.214 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:184 Resp: 124944
Ion Ratio Lower Upper
184 100
63 84.5 64.5 96.7
154 77.9 50.6 75.8#

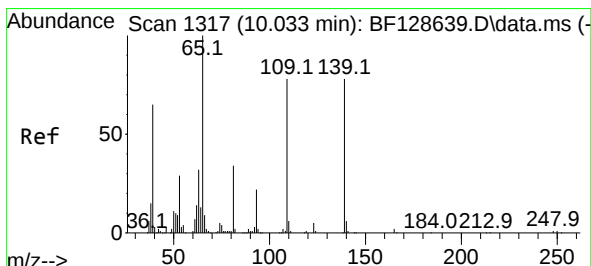
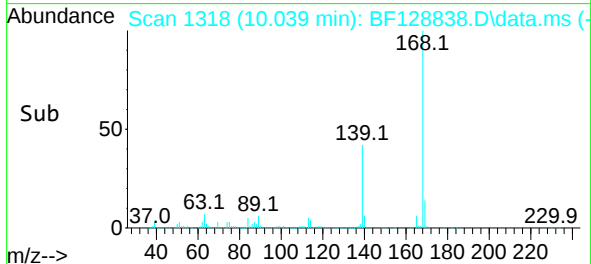
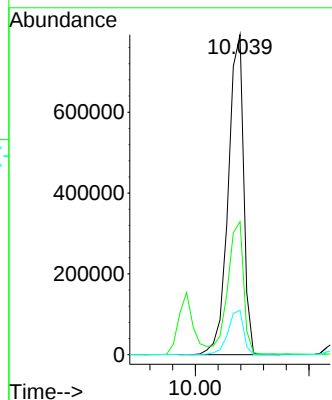
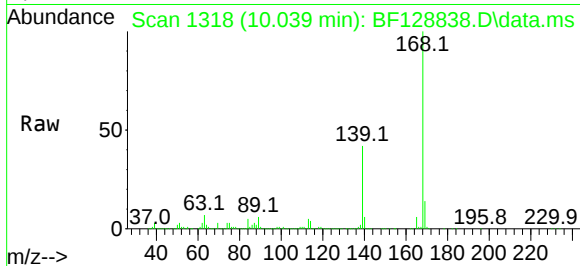




#55
Dibenzenofuran
Concen: 40.047 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

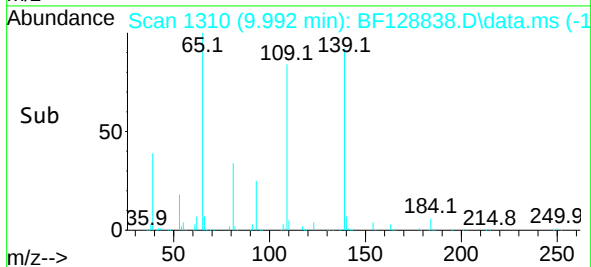
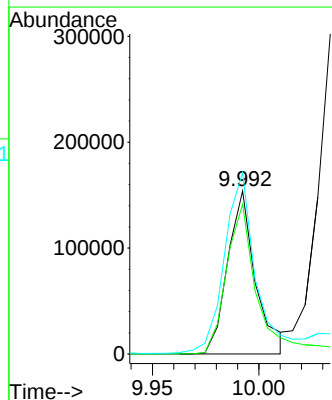
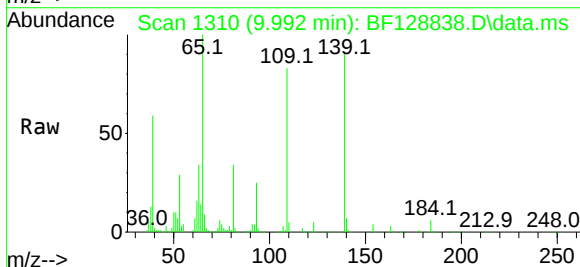
Instrument :
BNA_F
ClientSampleId :
PB145561BS

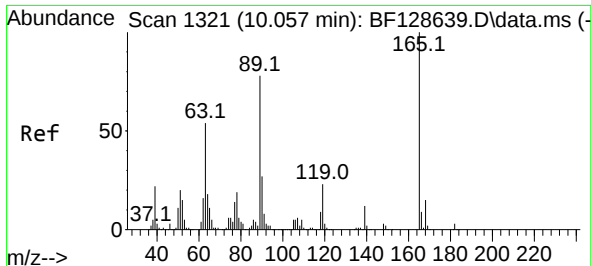
Tgt Ion:168 Resp: 745051
Ion Ratio Lower Upper
168 100
139 41.6 30.6 46.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 58.373 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:139 Resp: 140704
Ion Ratio Lower Upper
139 100
109 91.8 50.7 90.7#
65 111.2 74.5 114.5

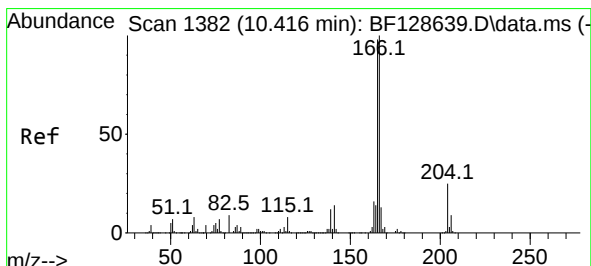
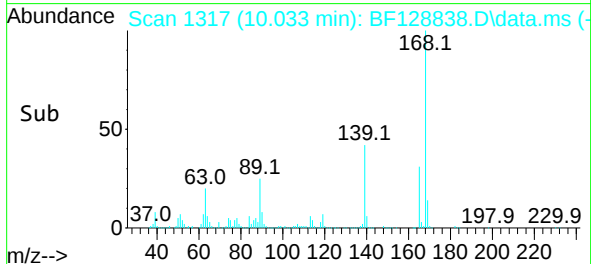
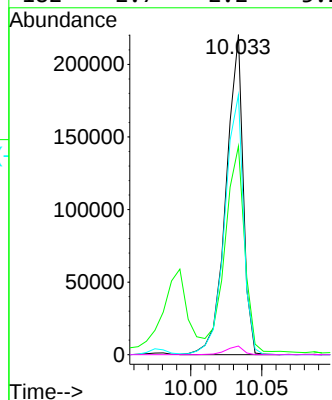
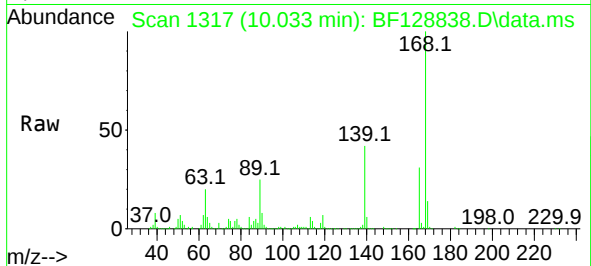




#57
2,4-Dinitrotoluene
Concen: 45.045 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

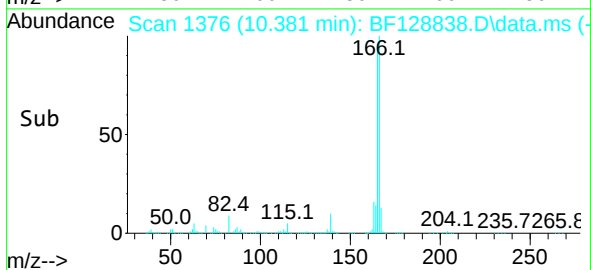
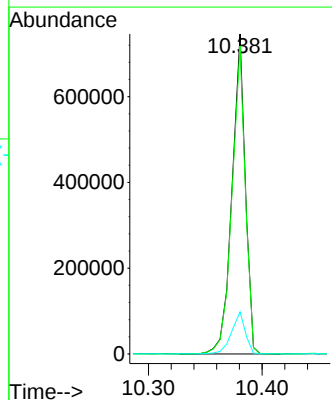
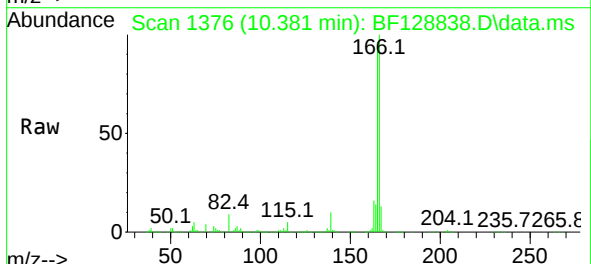
Instrument :
BNA_F
ClientSampleId :
PB145561BS

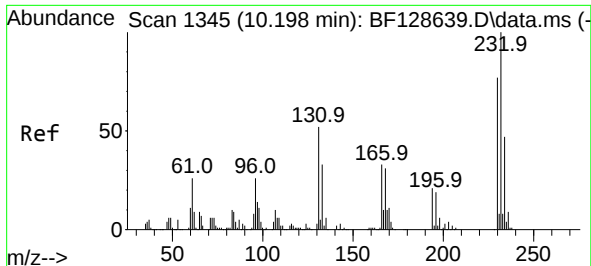
Tgt Ion:165 Resp: 184186
Ion Ratio Lower Upper
165 100
63 65.1 39.8 59.6#
89 81.2 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.970 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:166 Resp: 605553
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 13.1 10.5 15.7

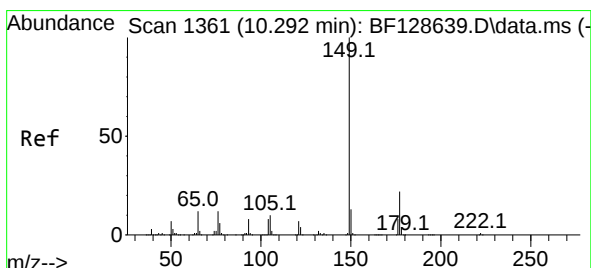
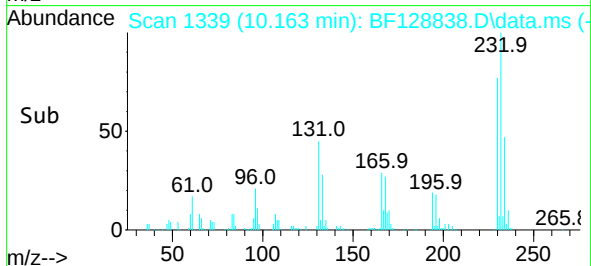
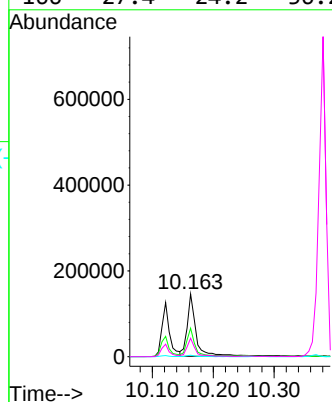
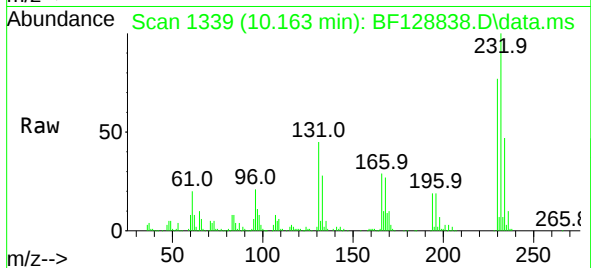




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.852 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

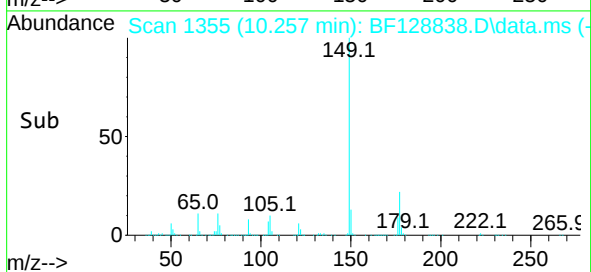
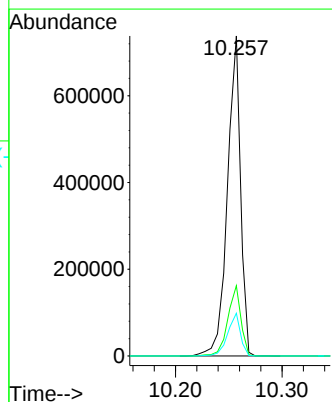
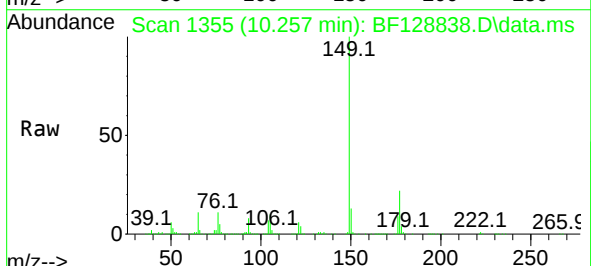
Instrument :
BNA_F
ClientSampleId :
PB145561BS

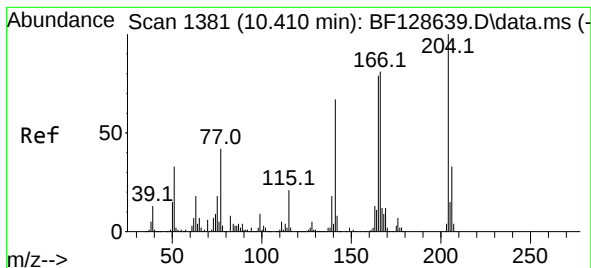
Tgt Ion:232 Resp: 145766
Ion Ratio Lower Upper
232 100
131 44.0 36.1 54.1
130 2.3 1.8 2.8
166 27.4 24.2 36.2



#60
Diethylphthalate
Concen: 40.240 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:149 Resp: 627828
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 13.4 10.2 15.2

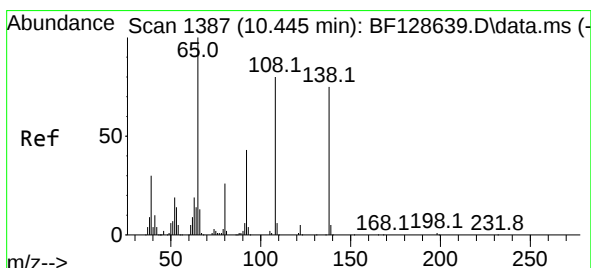
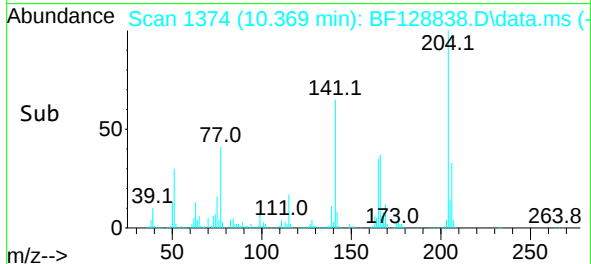
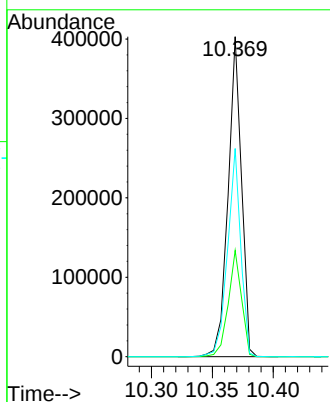
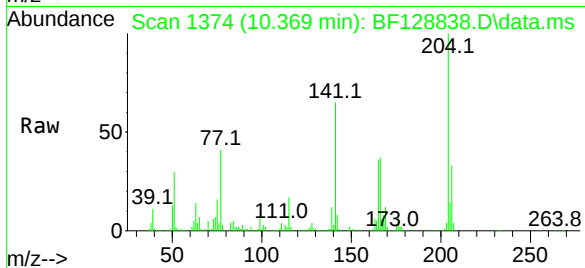




#61
4-Chlorophenyl-phenylether
Concen: 41.297 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

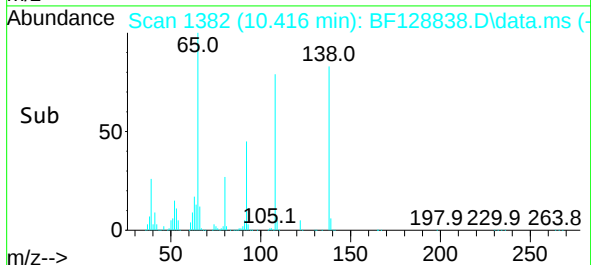
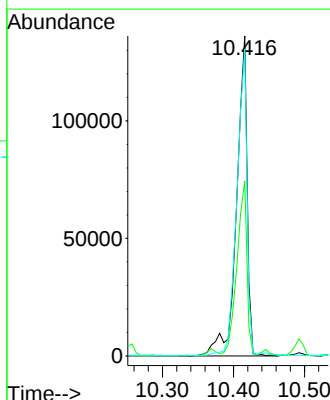
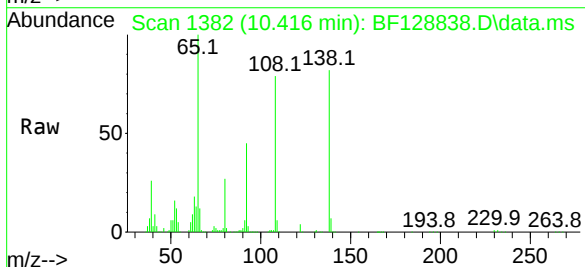
Instrument :
BNA_F
ClientSampleId :
PB145561BS

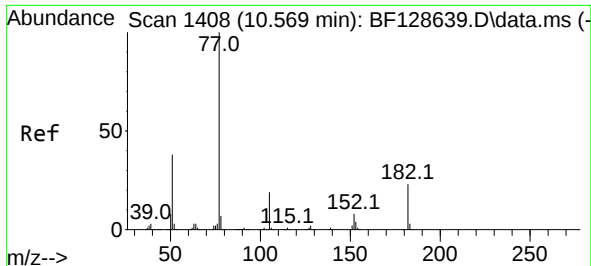
Tgt Ion:204 Resp: 309042
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 65.0 47.0 70.4



#62
4-Nitroaniline
Concen: 42.065 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:138 Resp: 141628
Ion Ratio Lower Upper
138 100
92 54.7 33.5 73.5
108 95.9 61.0 101.0

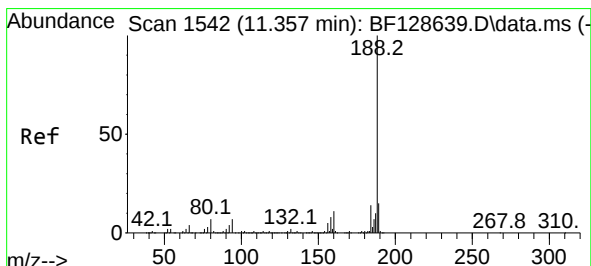
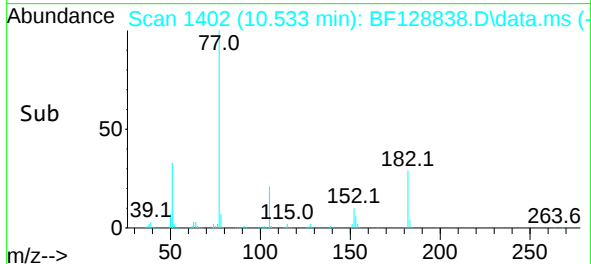
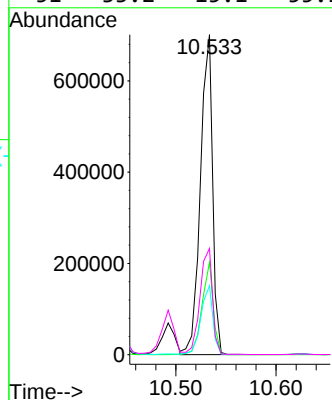
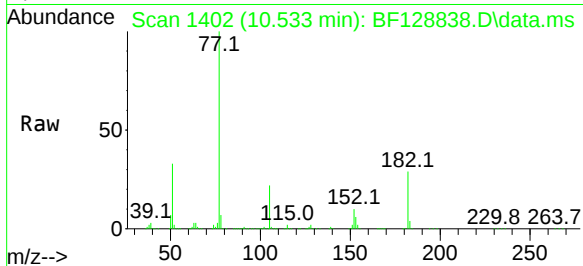




#63
Azobenzene
Concen: 38.580 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

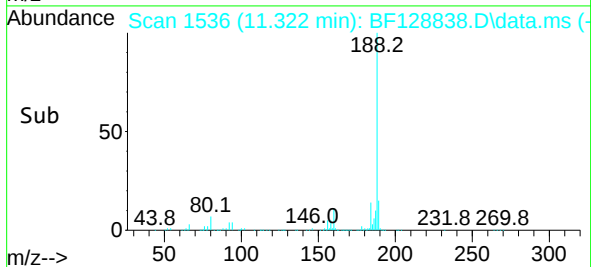
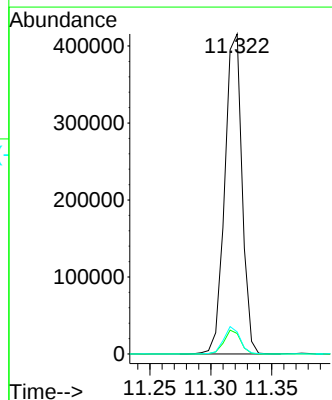
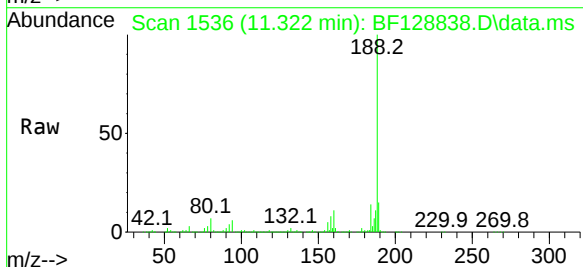
Instrument :
BNA_F
ClientSampleId :
PB145561BS

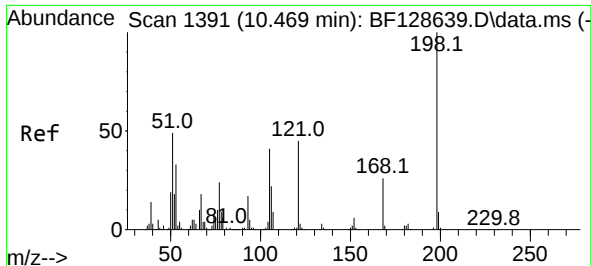
Tgt Ion: 77	Resp: 592573
Ion Ratio	Lower Upper
77 100	
182 28.9	5.6 45.6
105 21.6	1.6 41.6
51 33.2	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:188	Resp: 410994		
Ion Ratio	Lower	Upper	
188 100			
94 6.4	7.0	10.6#	
80 6.9	7.6	11.4#	

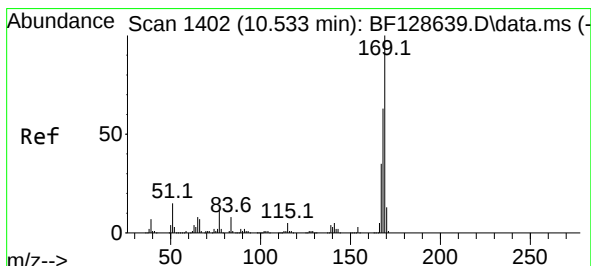
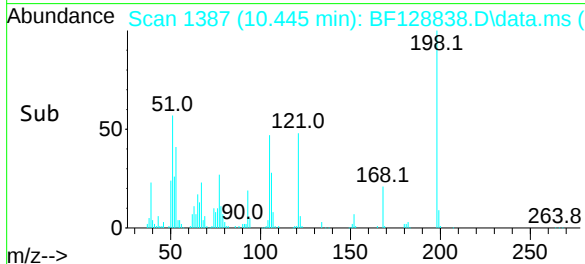
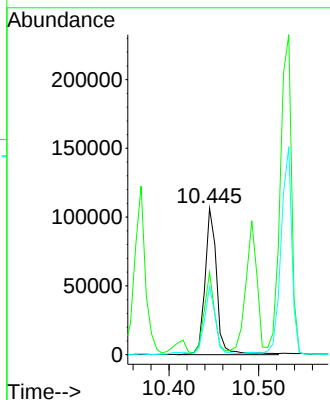
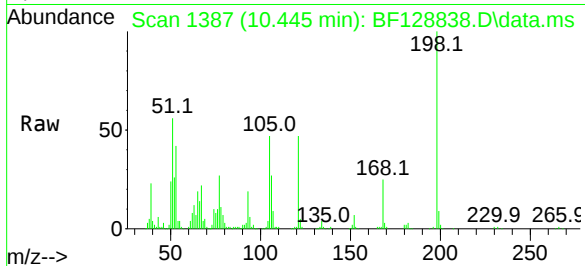




#65
4,6-Dinitro-2-methylphenol
Concen: 40.128 ng
RT: 10.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

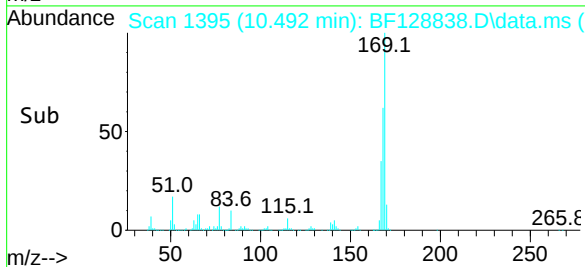
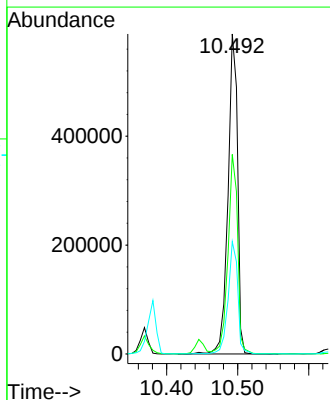
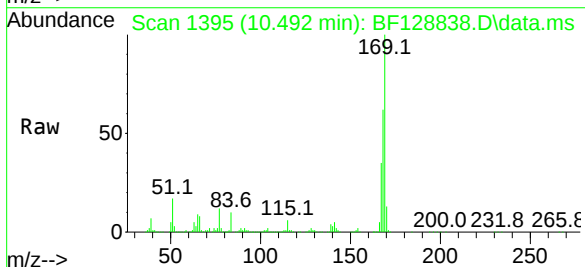
Instrument :
BNA_F
ClientSampleId :
PB145561BS

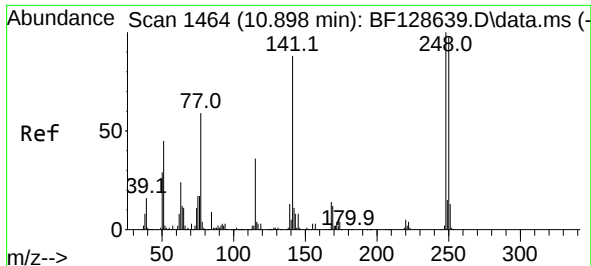
Tgt Ion:198 Resp: 97328
Ion Ratio Lower Upper
198 100
51 56.3 37.6 77.6
105 46.6 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 43.507 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:169 Resp: 549596
Ion Ratio Lower Upper
169 100
168 62.4 50.1 75.1
167 35.1 27.9 41.9

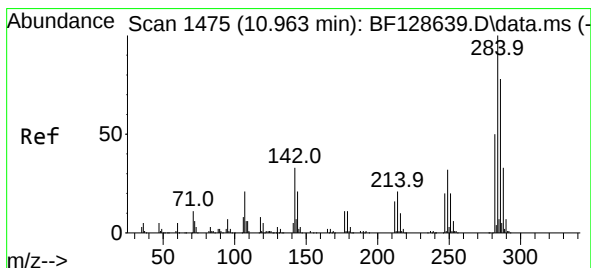
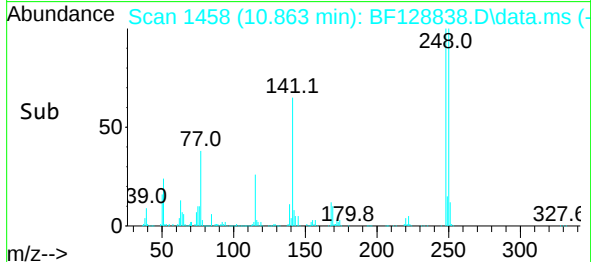
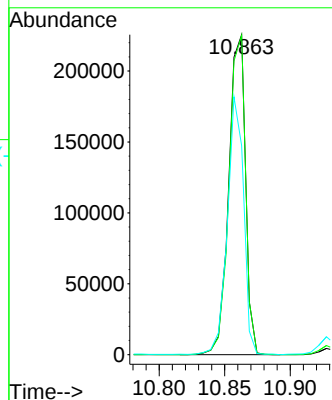
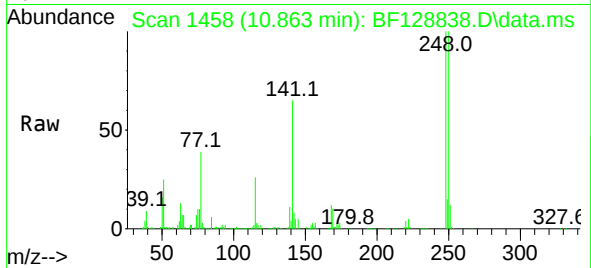




#67
4-Bromophenyl-phenylether
Concen: 43.681 ng
RT: 10.863 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

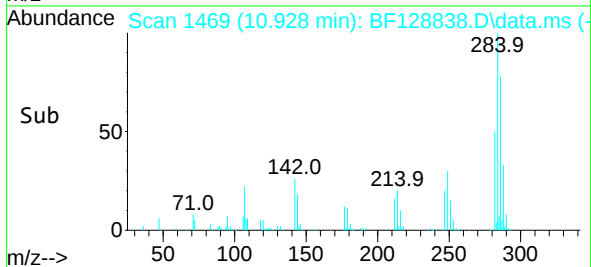
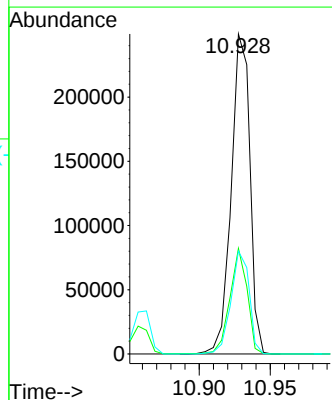
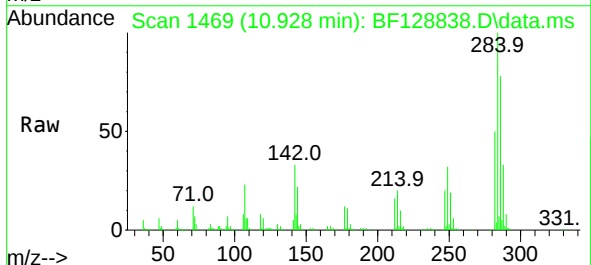
Instrument :
BNA_F
ClientSampleId :
PB145561BS

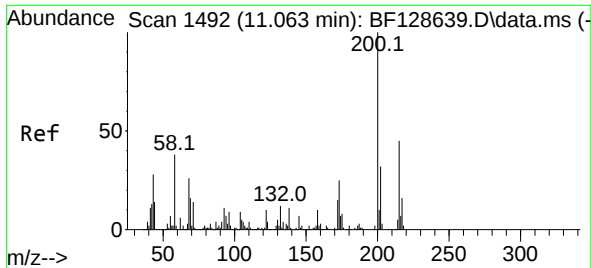
Tgt Ion:248 Resp: 200204
Ion Ratio Lower Upper
248 100
250 99.9 80.6 120.8
141 65.3 58.9 88.3



#68
Hexachlorobenzene
Concen: 44.707 ng
RT: 10.928 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:284 Resp: 227564
Ion Ratio Lower Upper
284 100
142 33.0 29.0 43.4
249 32.1 25.0 37.6

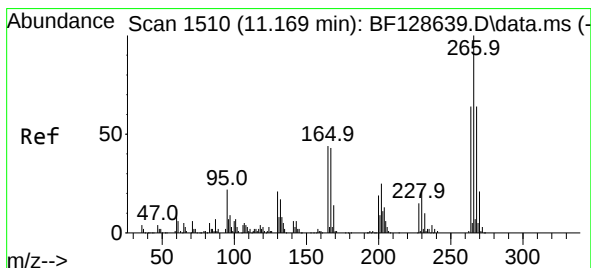
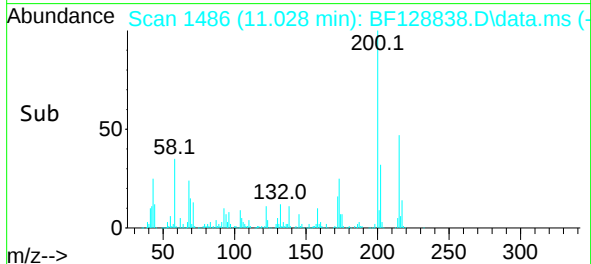
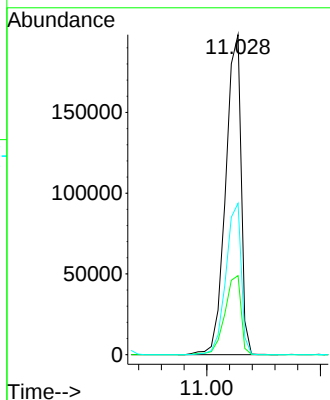
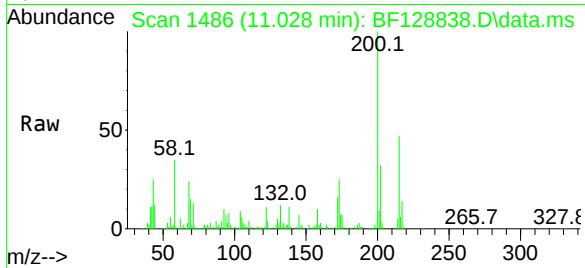




#69
Atrazine
Concen: 46.102 ng
RT: 11.028 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

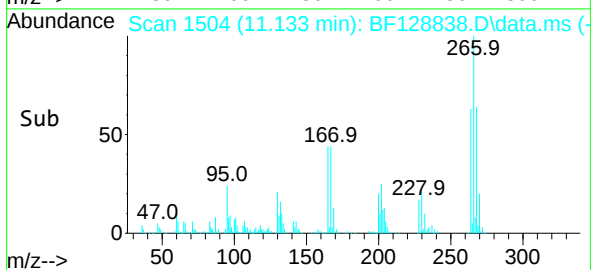
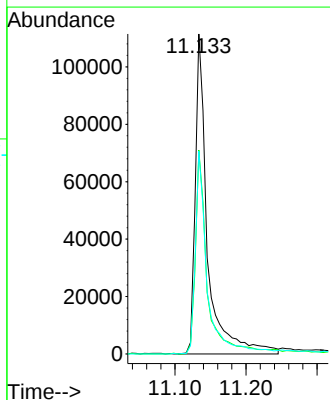
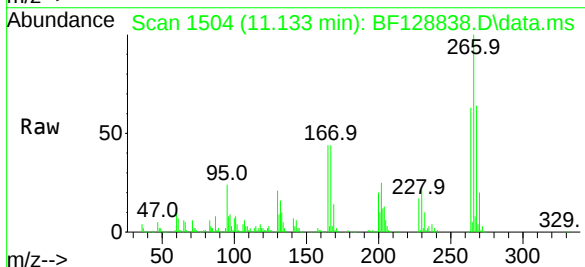
Instrument :
BNA_F
ClientSampleId :
PB145561BS

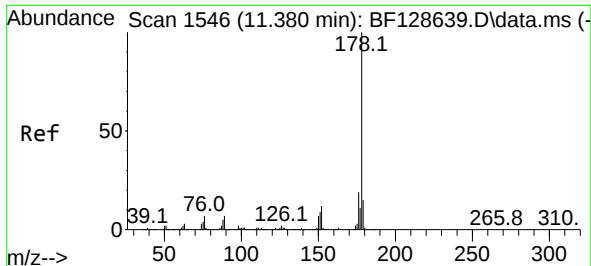
Tgt Ion:200 Resp: 187282
Ion Ratio Lower Upper
200 100
173 24.7 6.3 46.3
215 47.3 28.3 68.3



#70
Pentachlorophenol
Concen: 52.842 ng
RT: 11.133 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:266 Resp: 134265
Ion Ratio Lower Upper
266 100
268 63.7 51.0 76.4
264 63.4 49.4 74.2

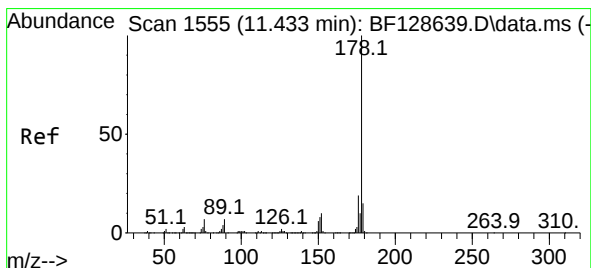
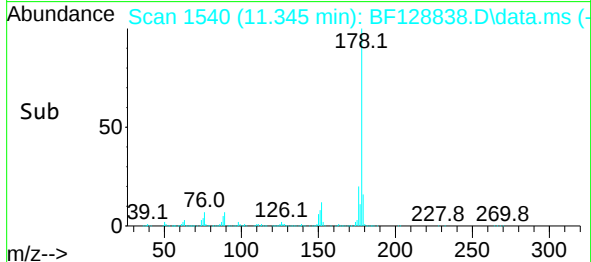
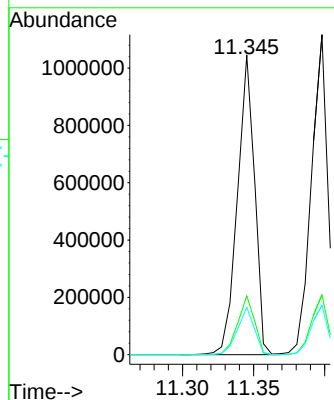
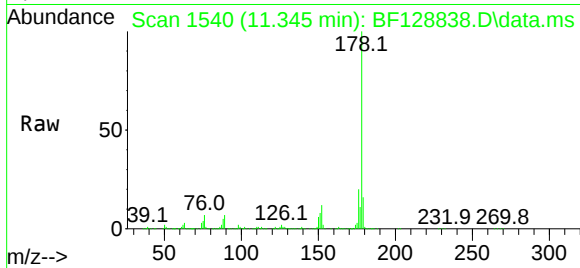




#71
 Phenanthrene
 Concen: 42.830 ng
 RT: 11.345 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

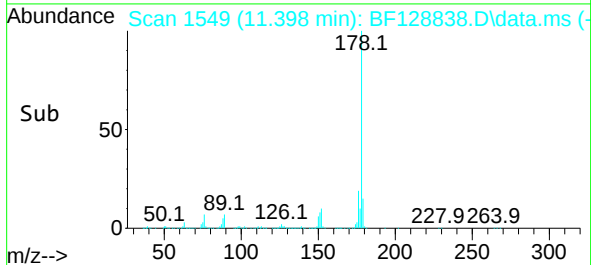
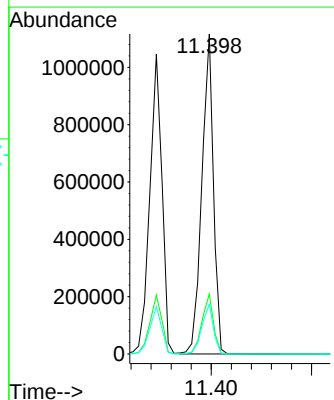
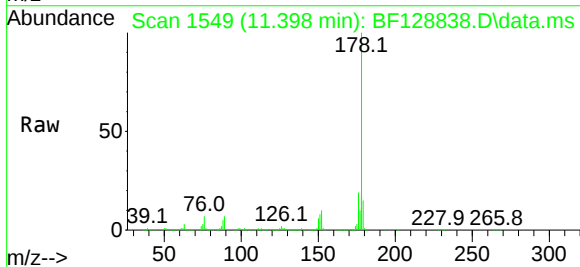
Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

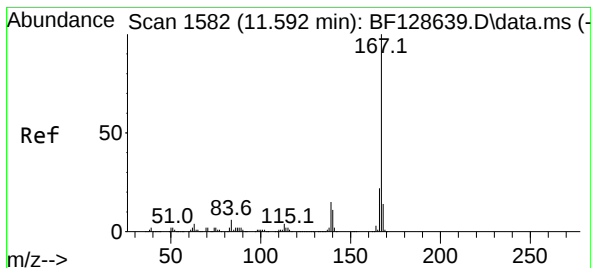
Tgt Ion:178 Resp: 882928
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.8 12.6 19.0



#72
 Anthracene
 Concen: 44.079 ng
 RT: 11.398 min Scan# 1549
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

Tgt Ion:178 Resp: 899388
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.5 12.6 19.0





#73

Carbazole

Concen: 42.325 ng

RT: 11.557 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

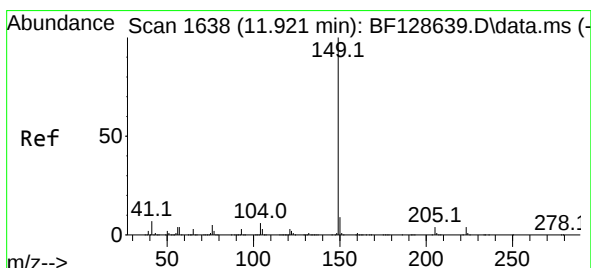
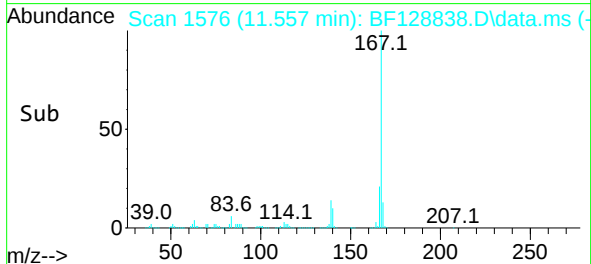
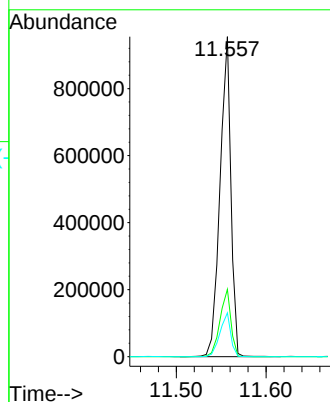
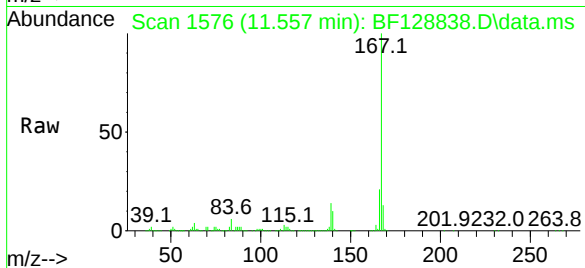
Tgt Ion:167 Resp: 802117

Ion Ratio Lower Upper

167 100

166 21.1 17.7 26.5

139 13.7 11.2 16.8



#74

Di-n-butylphthalate

Concen: 43.120 ng

RT: 11.880 min Scan# 1631

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

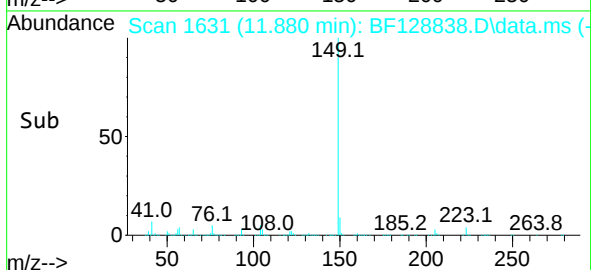
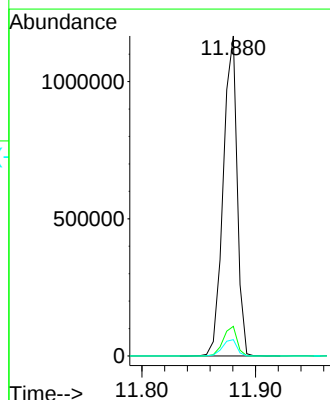
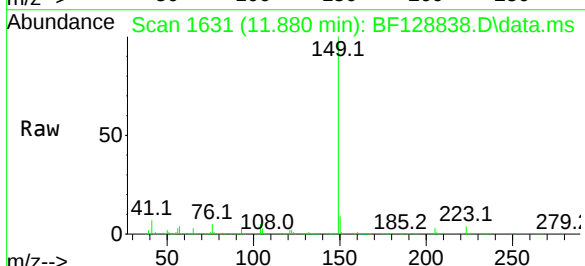
Tgt Ion:149 Resp: 994960

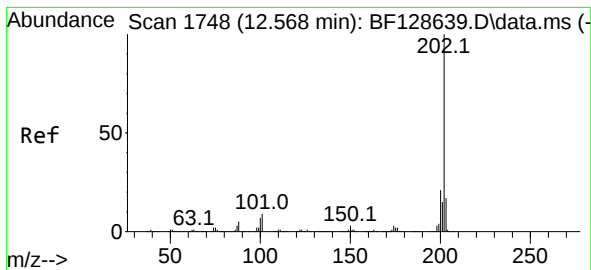
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 45.194 ng

RT: 12.533 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

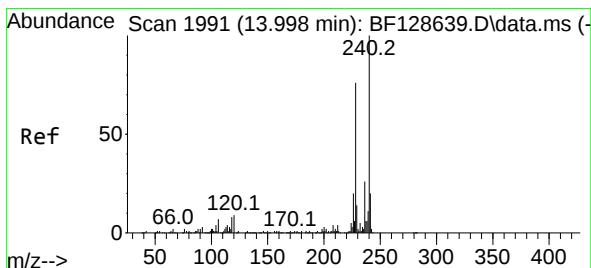
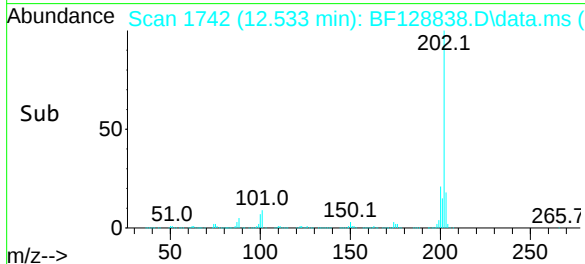
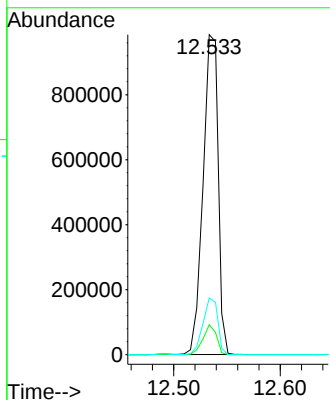
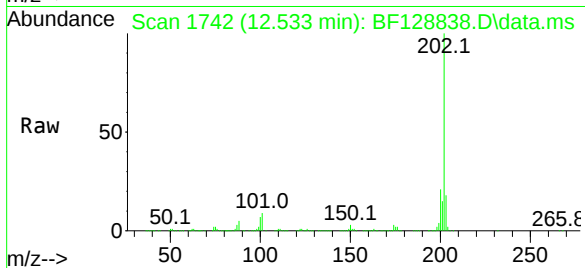
Tgt Ion:202 Resp: 973853

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.4

203 17.7 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

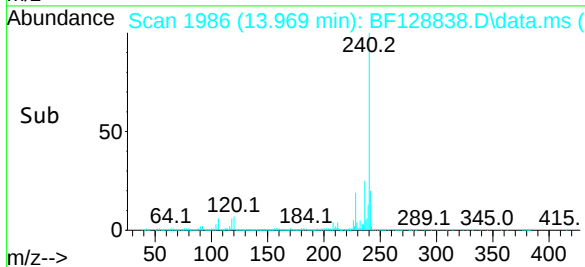
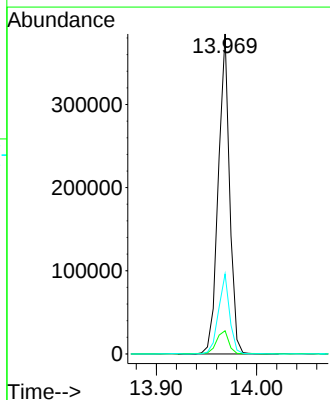
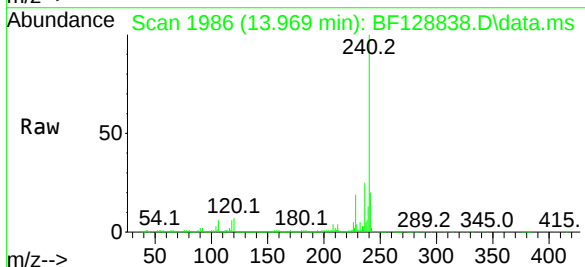
Tgt Ion:240 Resp: 300380

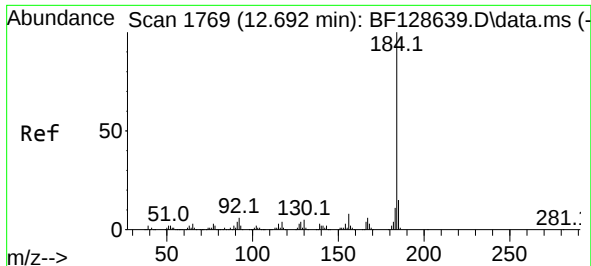
Ion Ratio Lower Upper

240 100

120 7.3 8.9 13.3#

236 25.0 20.8 31.2

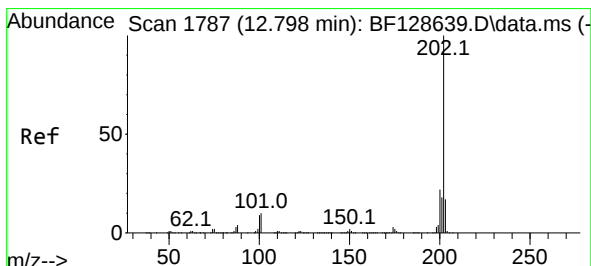
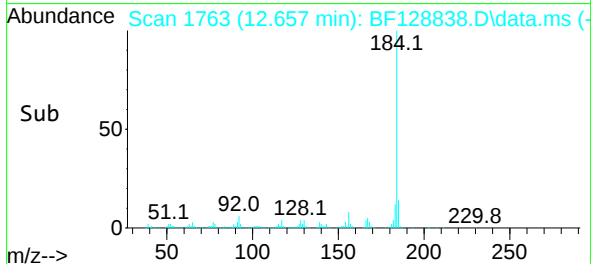
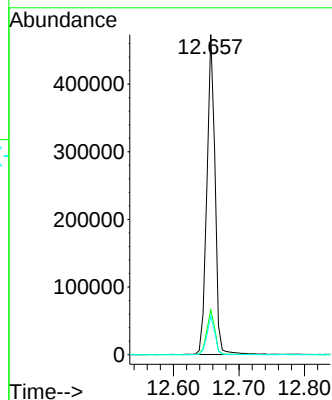
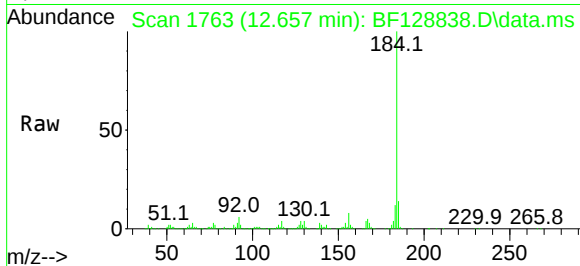




#77
Benzidine
Concen: 68.790 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

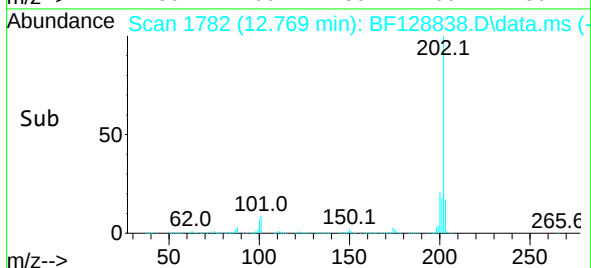
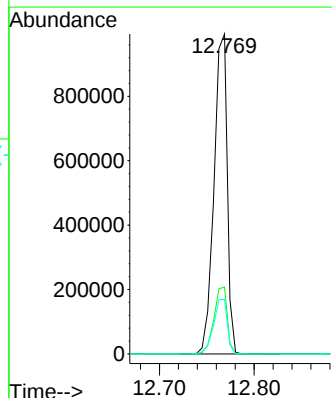
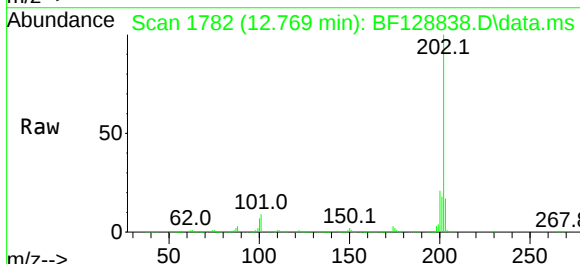
Instrument :
BNA_F
ClientSampleId :
PB145561BS

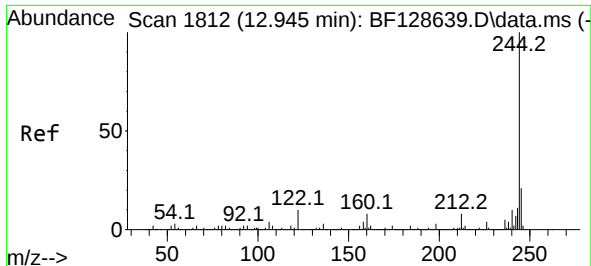
Tgt Ion:184 Resp: 411908
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 43.206 ng
RT: 12.769 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BF128838.D
Acq: 16 Jun 2022 14:22

Tgt Ion:202 Resp: 965565
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.1 14.6 21.8

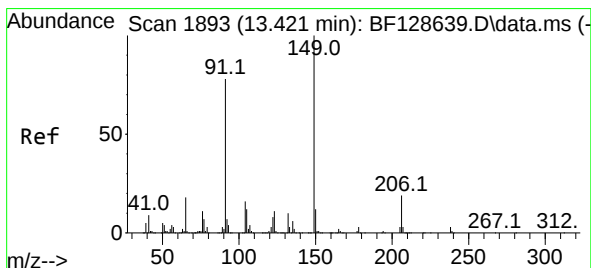
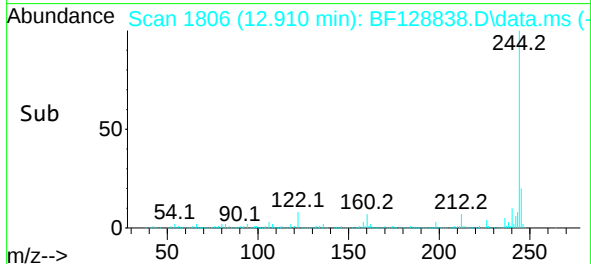
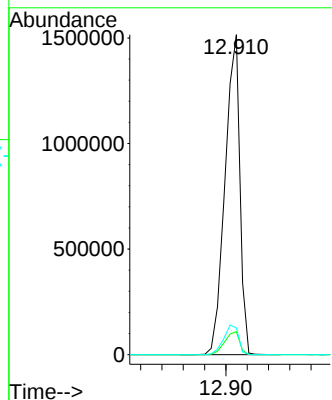
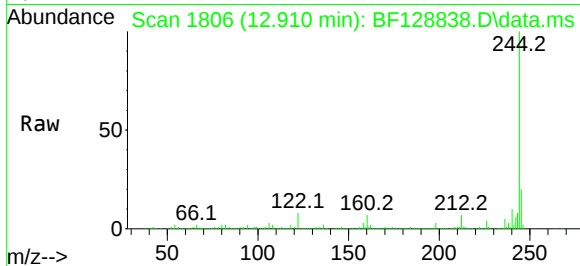




#79
 Terphenyl-d14
 Concen: 84.395 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

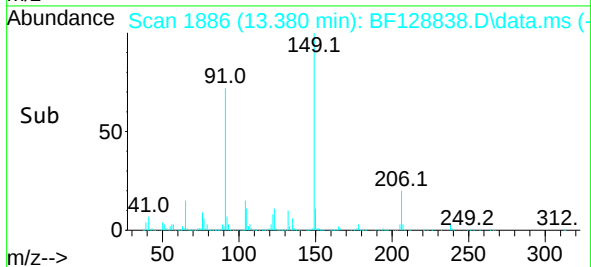
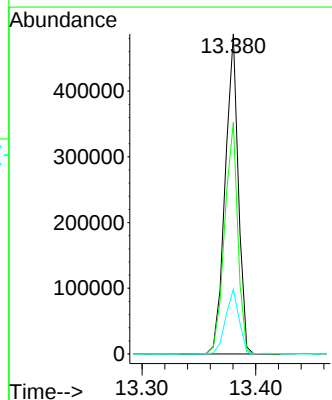
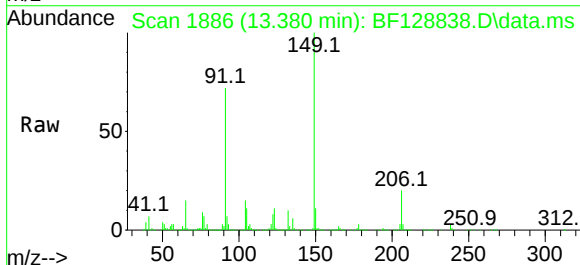
Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

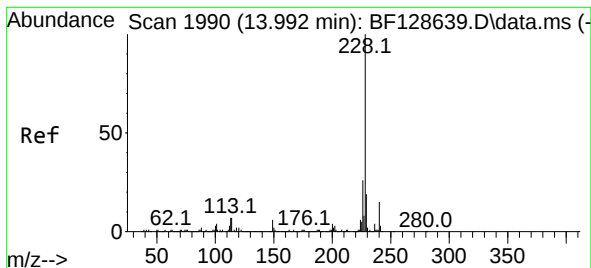
Tgt Ion:244 Resp: 1458907
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.4 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 41.829 ng
 RT: 13.380 min Scan# 1886
 Delta R.T. 0.000 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

Tgt Ion:149 Resp: 392566
 Ion Ratio Lower Upper
 149 100
 91 72.4 61.2 91.8
 206 20.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.406 ng

RT: 13.957 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

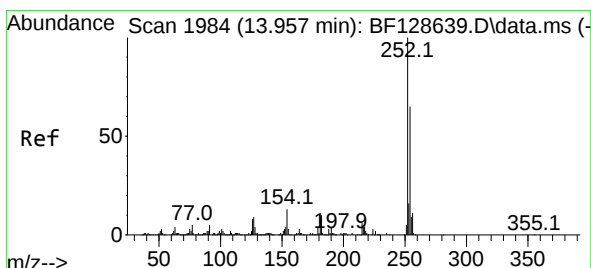
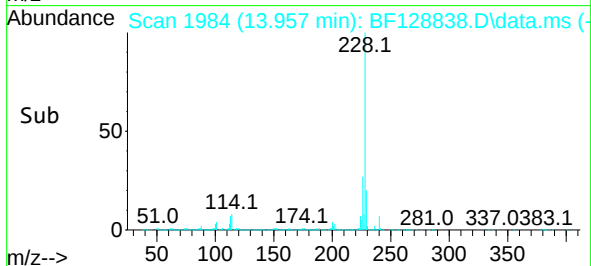
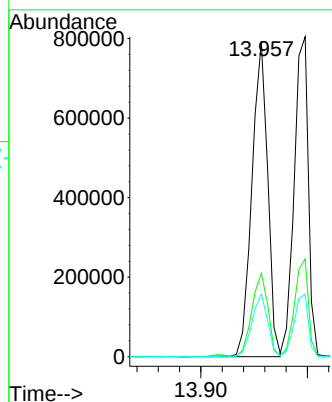
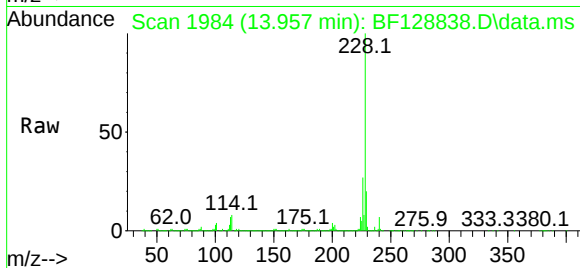
Tgt Ion:228 Resp: 812716

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 57.289 ng

RT: 13.916 min Scan# 1977

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

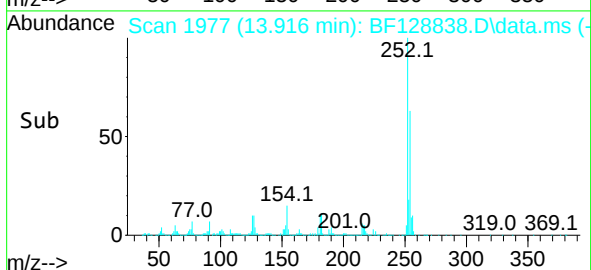
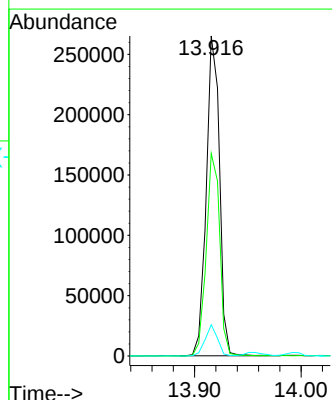
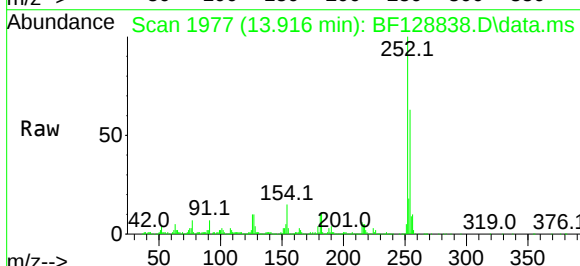
Tgt Ion:252 Resp: 229485

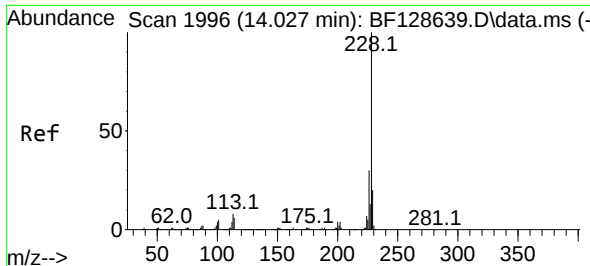
Ion Ratio Lower Upper

252 100

254 63.3 50.2 75.4

126 9.7 8.2 12.4

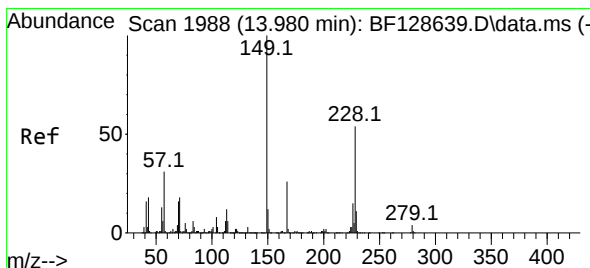
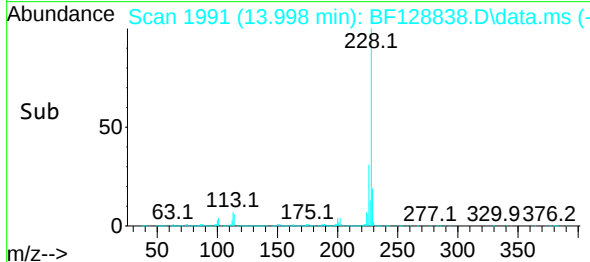
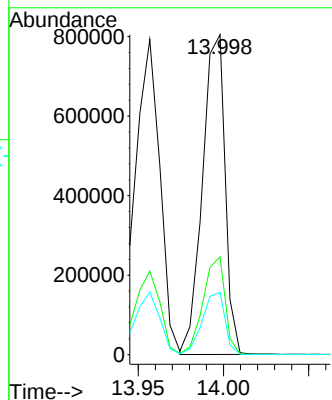
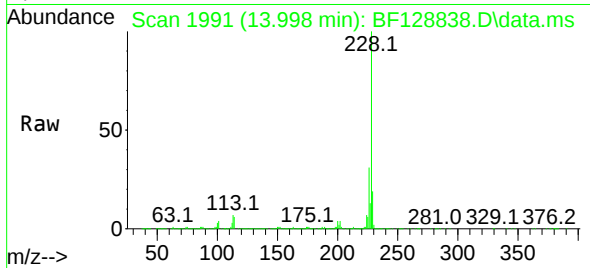




#83
 Chrysene
 Concen: 41.678 ng
 RT: 13.998 min Scan# 1996
 Delta R.T. 0.006 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

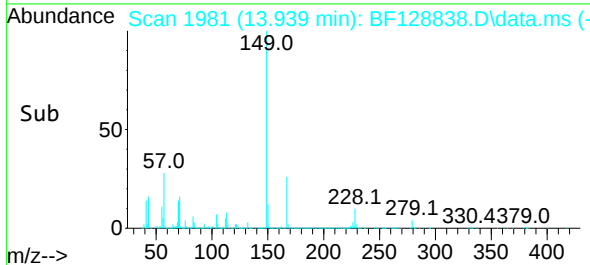
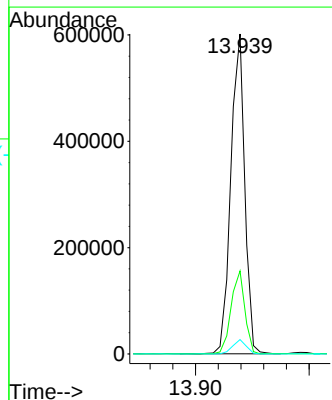
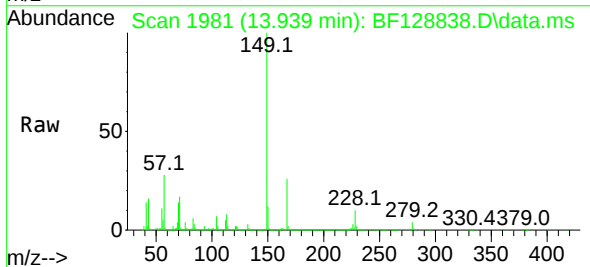
Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

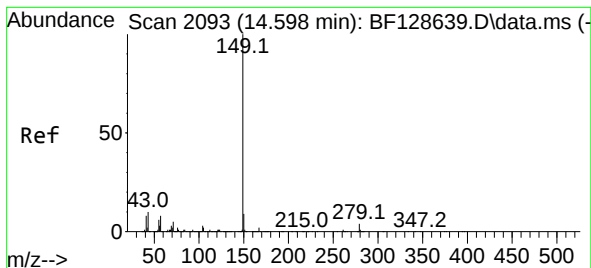
Tgt Ion:228 Resp: 743988
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 19.5 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.932 ng
 RT: 13.939 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: BF128838.D
 Acq: 16 Jun 2022 14:22

Tgt Ion:149 Resp: 511618
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.485 ng

RT: 14.551 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

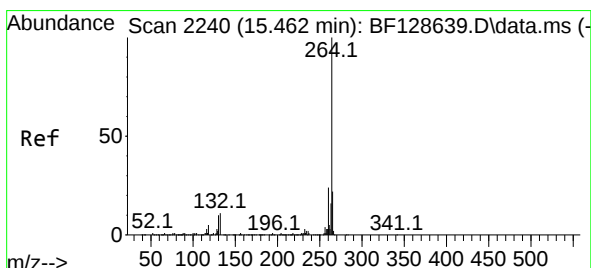
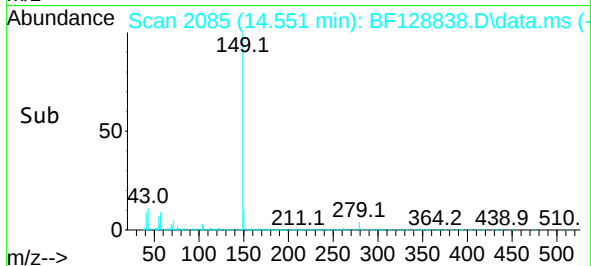
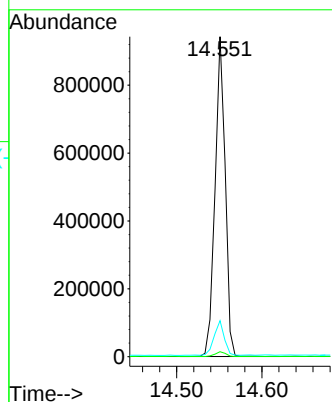
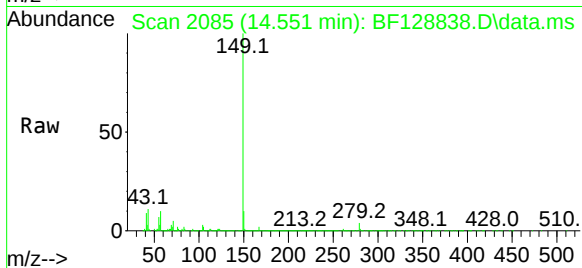
Tgt Ion:149 Resp: 780724

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2233

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

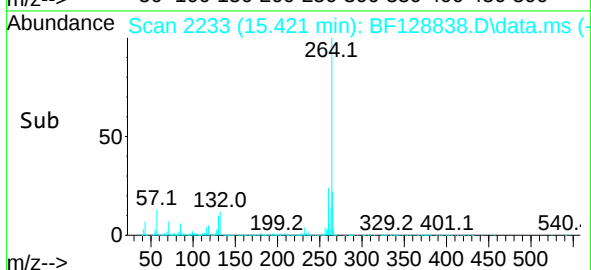
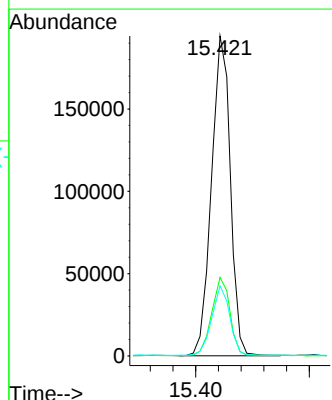
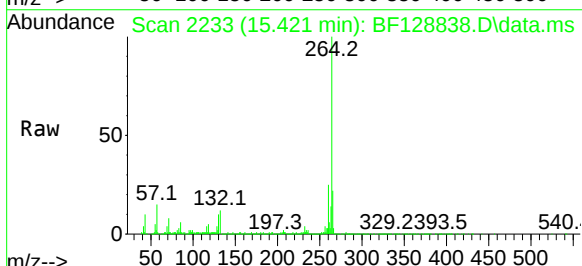
Tgt Ion:264 Resp: 223557

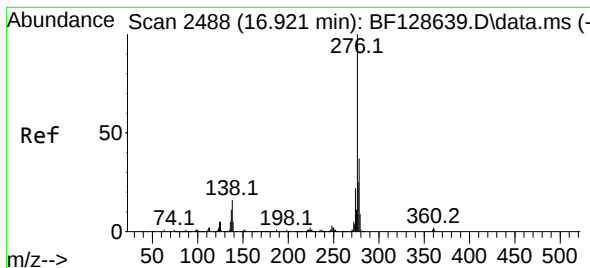
Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.563 ng

RT: 16.886 min Scan# 2488

Delta R.T. 0.024 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

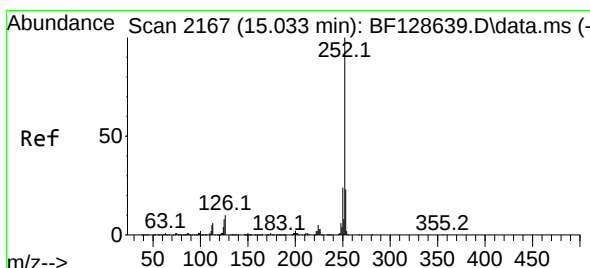
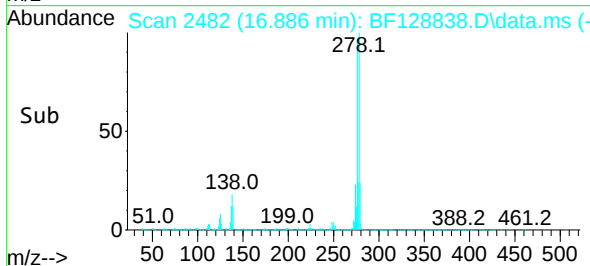
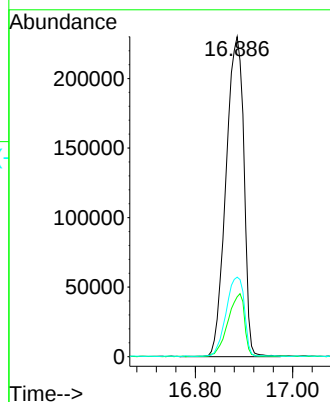
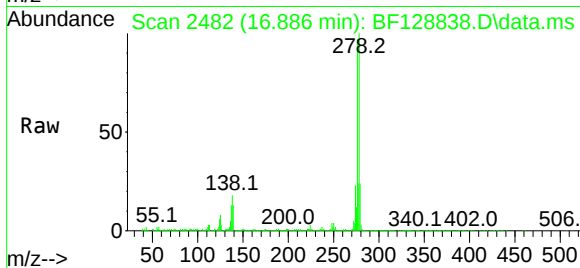
Tgt Ion:276 Resp: 586984

Ion Ratio Lower Upper

276 100

138 18.2 21.1 31.7#

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.644 ng

RT: 15.004 min Scan# 2162

Delta R.T. 0.012 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

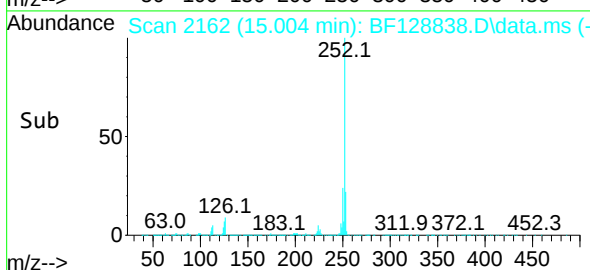
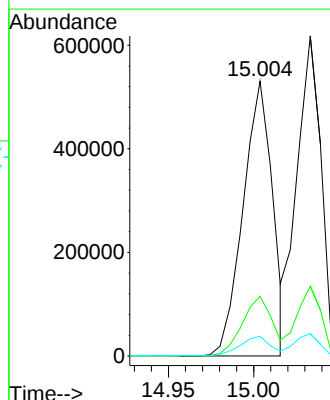
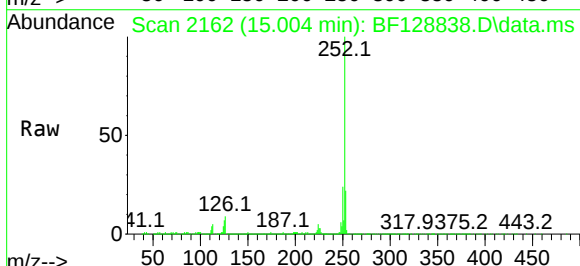
Tgt Ion:252 Resp: 637735

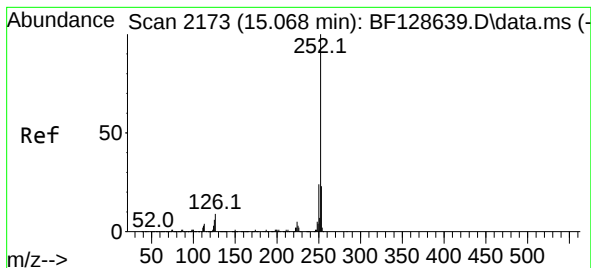
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 7.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 45.466 ng

RT: 15.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

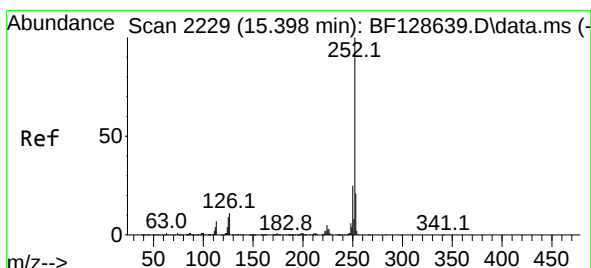
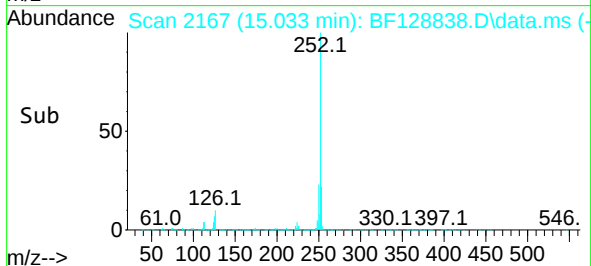
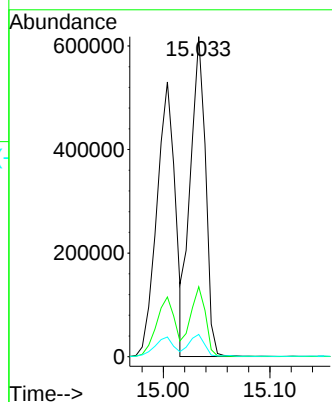
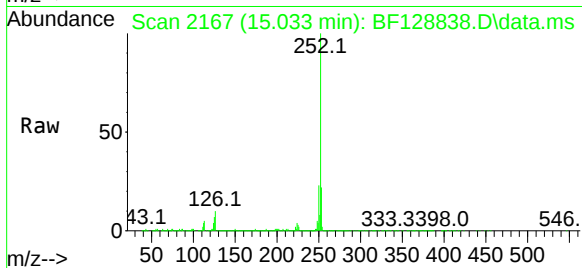
Tgt Ion:252 Resp: 610963

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 7.0 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 51.390 ng

RT: 15.368 min Scan# 2224

Delta R.T. 0.012 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

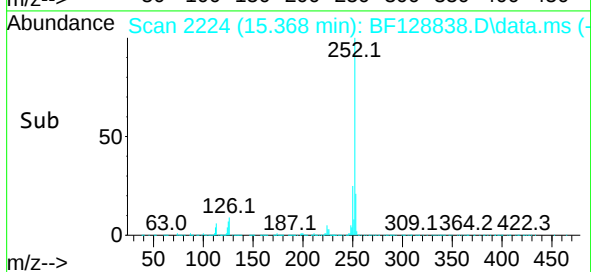
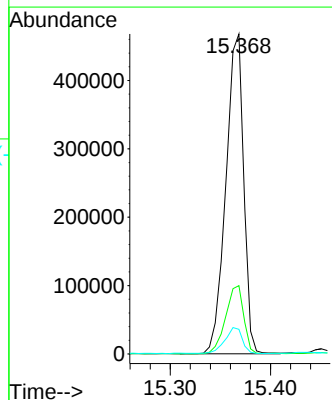
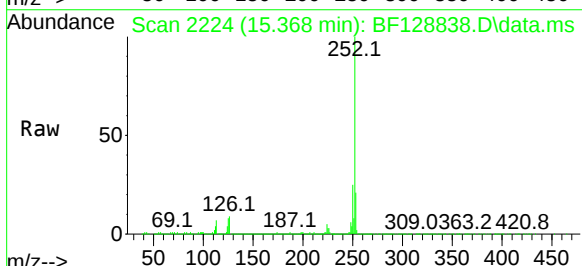
Tgt Ion:252 Resp: 576984

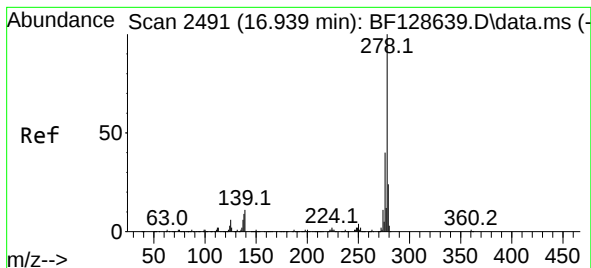
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 7.7 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 46.527 ng

RT: 16.898 min Scan# 24

Delta R.T. 0.024 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Instrument :

BNA_F

ClientSampleId :

PB145561BS

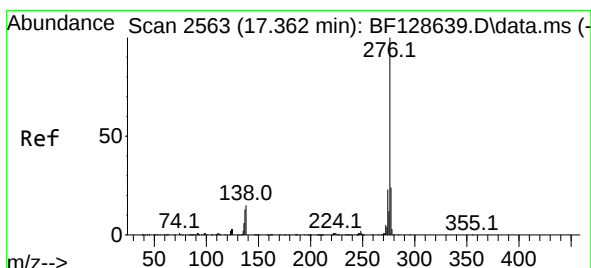
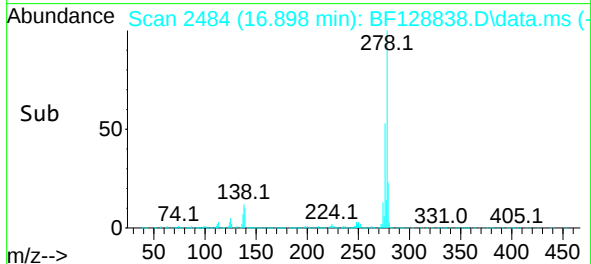
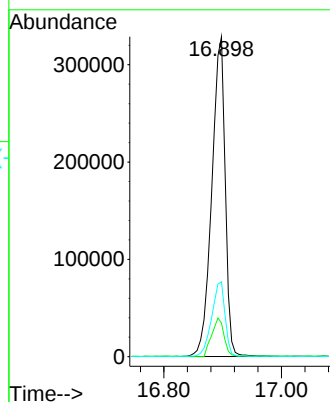
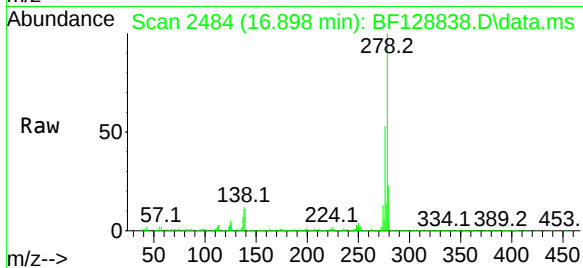
Tgt Ion:278 Resp: 520015

Ion Ratio Lower Upper

278 100

139 10.5 12.8 19.2#

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 46.057 ng

RT: 17.327 min Scan# 2557

Delta R.T. 0.029 min

Lab File: BF128838.D

Acq: 16 Jun 2022 14:22

Tgt Ion:276 Resp: 510177

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 14.3 18.0 27.0#

