

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128763.D
 Acq On : 10 Jun 2022 17:17
 Operator : CG\JU
 Sample : N3286-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jun 11 01:27:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

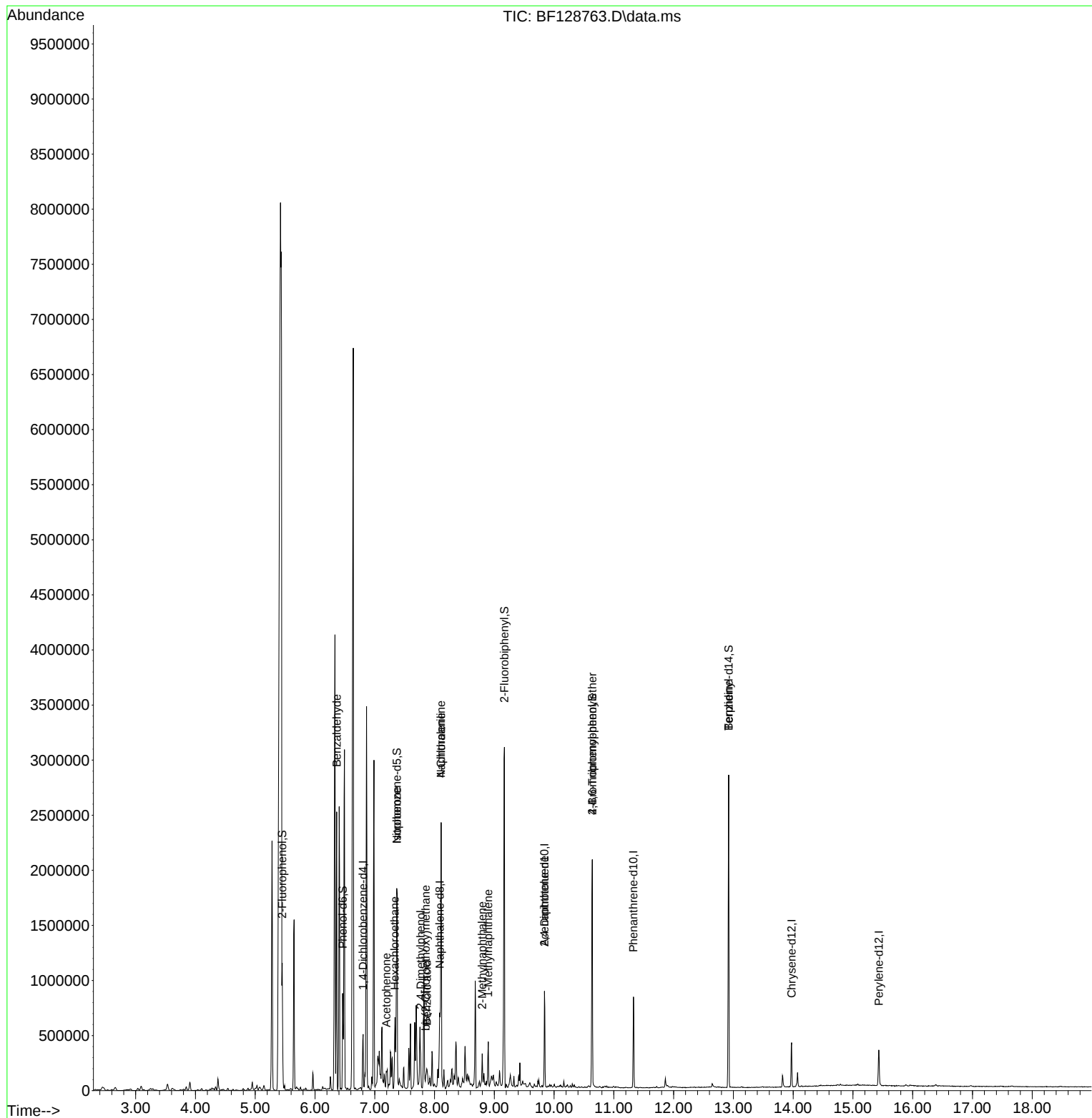
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	72913	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	284797	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	163889	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	286680	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	142382	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	148334	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	284136	62.071	ng	0.00
7) Phenol-d6	6.463	99	230489	41.249	ng	-0.02
23) Nitrobenzene-d5	7.369	82	547711	89.540	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	248813	128.491	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1074759	91.862	ng	0.00
79) Terphenyl-d14	12.921	244	956471	116.728	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	96961	28.483	ng	# 1
18) Hexachloroethane	7.334	117	46632	22.919	ng	# 1
22) Acetophenone	7.192	105	99767	13.394	ng	# 58
25) Isophorone	7.369	82	545750	58.744	ng	# 65
27) 2,4-Dimethylphenol	7.769	122	53861	14.290	ng	# 90
28) bis(2-Chloroethoxy)met...	7.851	93	19415	3.306	ng	# 55
31) Naphthalene	8.110	128	1022960	69.989	ng	100
32) Benzoic acid	7.875	122	12010	4.491	ng	# 33
33) 4-Chloroaniline	8.110	127	136592	24.787	ng	# 31
37) 2-Methylnaphthalene	8.798	142	62584	6.732	ng	98
38) 1-Methylnaphthalene	8.898	142	60611	6.748	ng	100
57) 2,4-Dinitrotoluene	9.839	165	20913	7.078	ng	# 27
67) 4-Bromophenyl-phenylether	10.639	248	15999	5.004	ng	# 1
77) Benzidine	12.921	184	13952	4.916	ng	# 92

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

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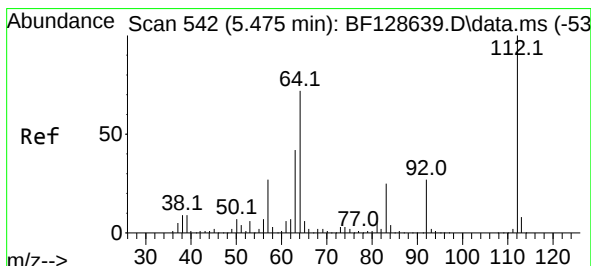
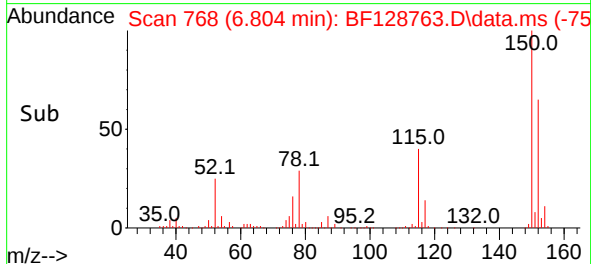
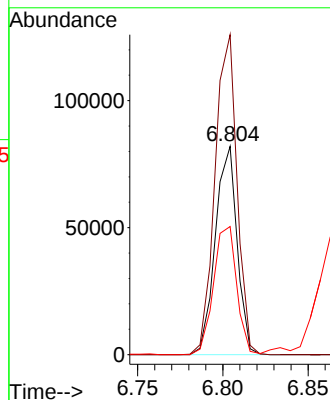
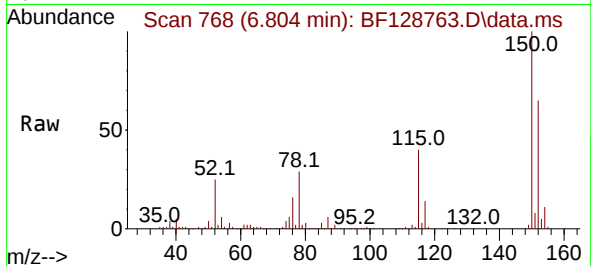




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

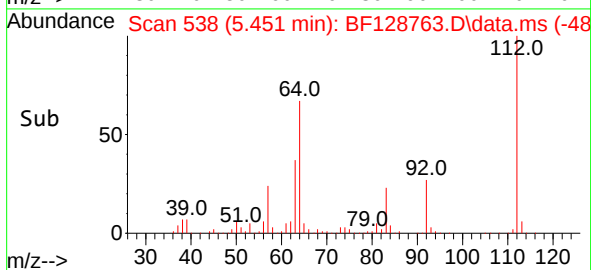
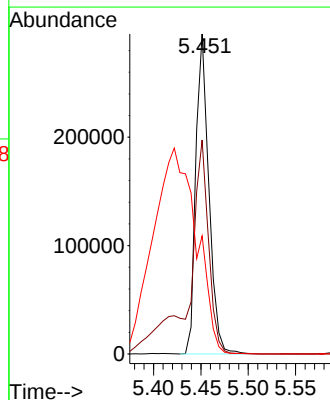
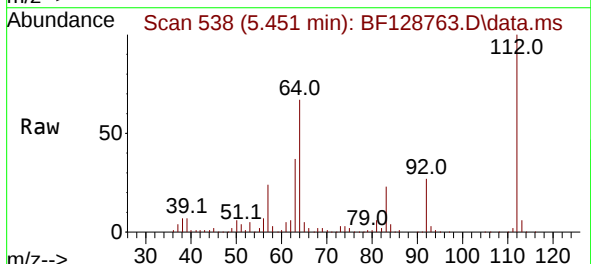
Instrument :
BNA_F
ClientSampleId :
MW-2

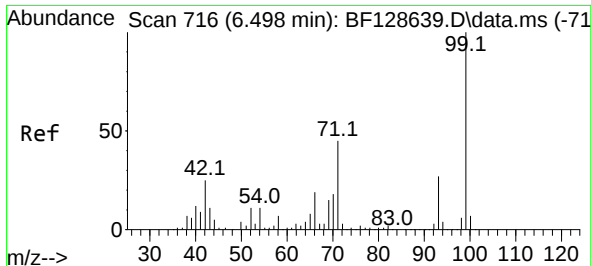
Tgt Ion:152 Resp: 72913
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 62.071 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:112 Resp: 284136
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 36.9 28.0 42.0

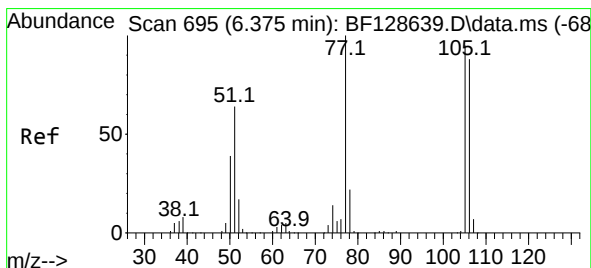
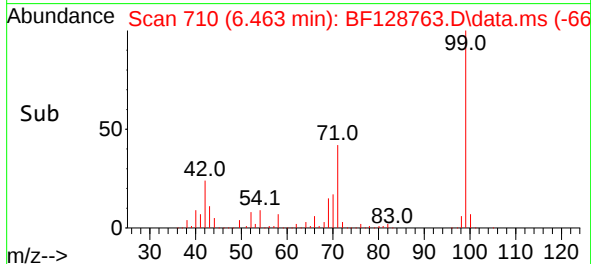
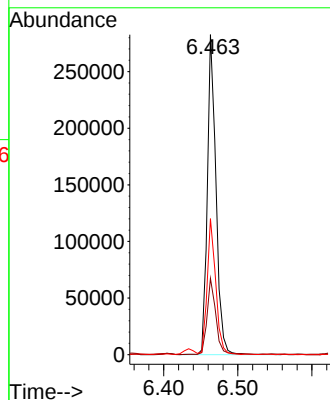
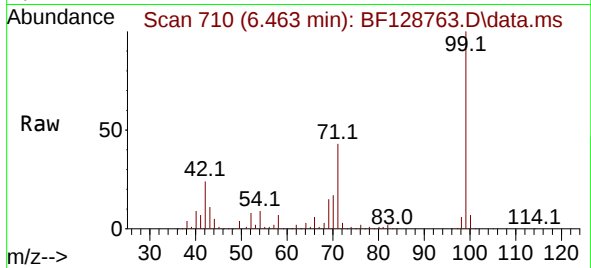




#7
Phenol-d6
Concen: 41.249 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

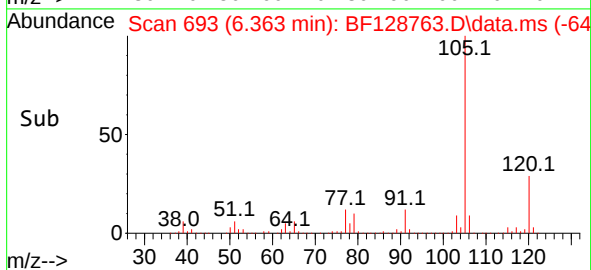
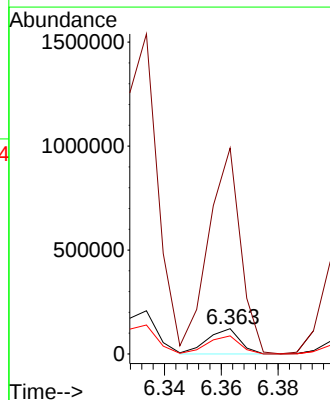
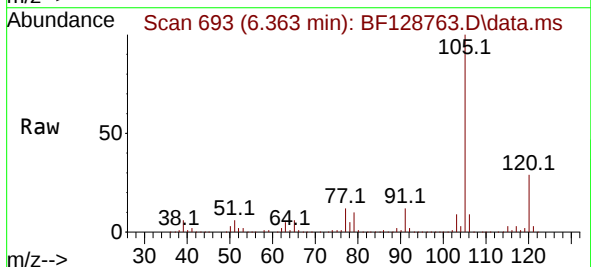
Instrument :
BNA_F
ClientSampleId :
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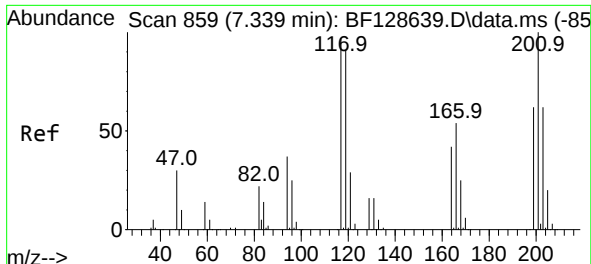
Tgt Ion: 99 Resp: 230489
Ion Ratio Lower Upper
99 100
42 23.9 17.3 25.9
71 42.5 28.9 43.3



#9
Benzaldehyde
Concen: 28.483 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion: 77 Resp: 96961
Ion Ratio Lower Upper
77 100
105 813.2 81.6 121.6#
106 71.3 76.1 116.1#

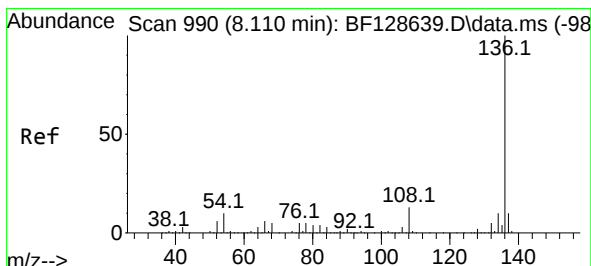
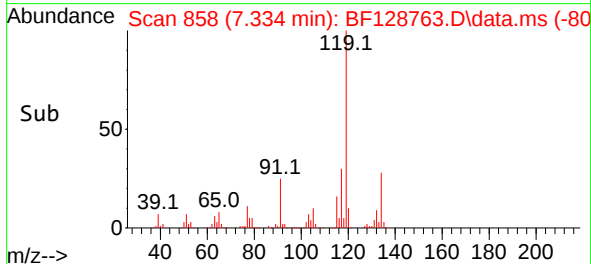
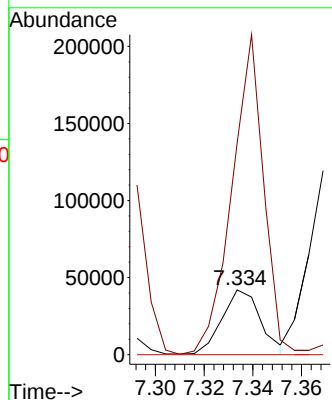
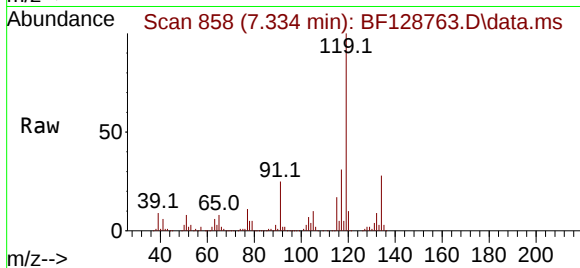




#18
Hexachloroethane
Concen: 22.919 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

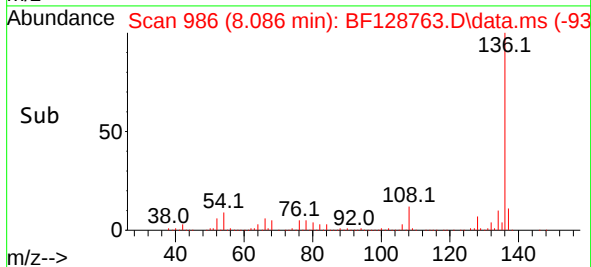
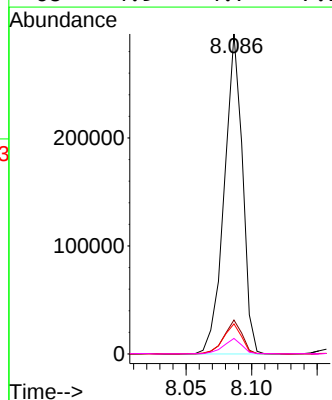
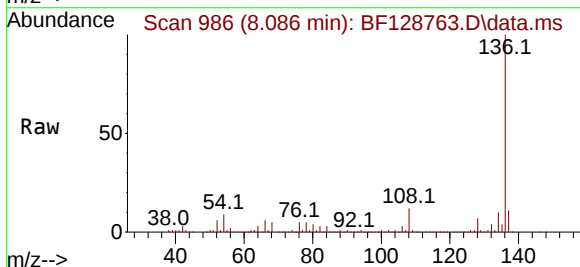
Instrument :
BNA_F
ClientSampleId :
MW-2

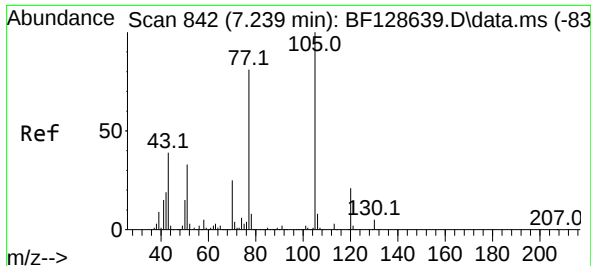
Tgt Ion:117 Resp: 46632
Ion Ratio Lower Upper
117 100
119 326.8 77.4 116.2#
201 0.0 84.6 127.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:136 Resp: 284797
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.4 7.5 11.3
68 4.9 4.7 7.1

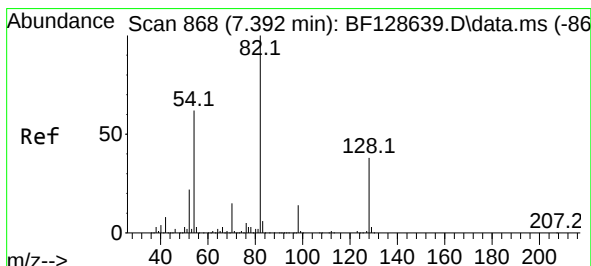
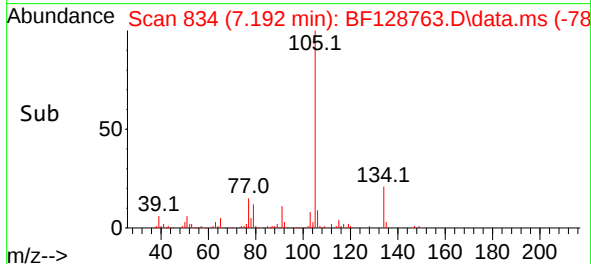
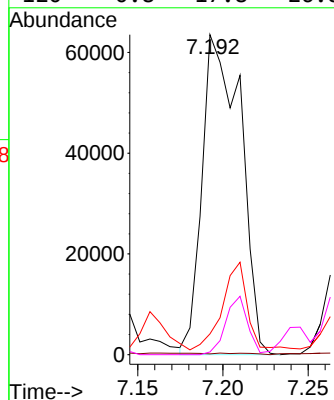
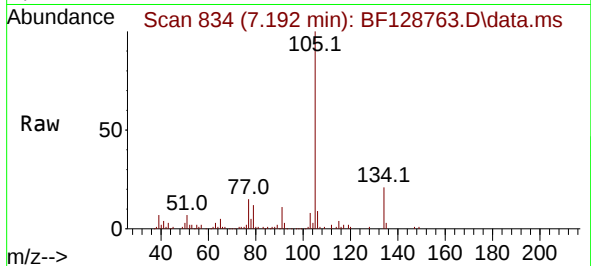




#22
Acetophenone
Concen: 13.394 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.036 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

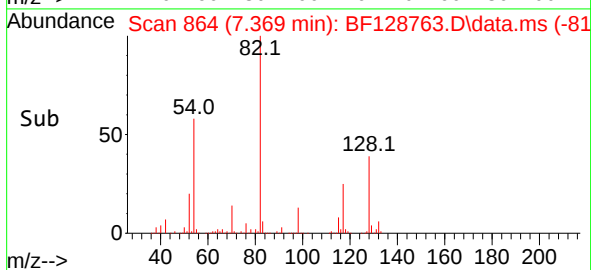
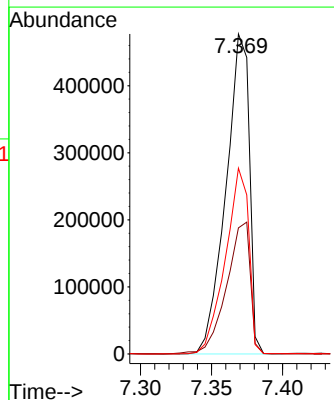
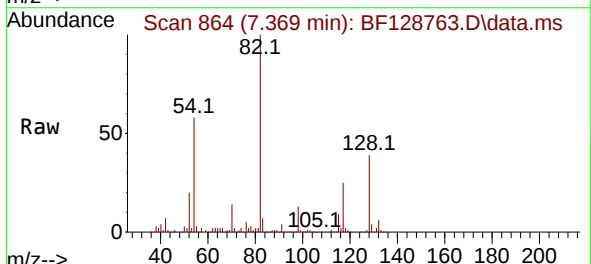
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ClientSampleId :
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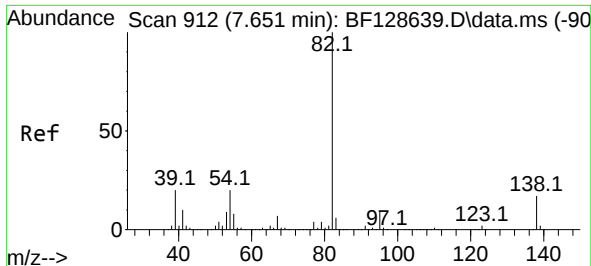
Tgt Ion:105 Resp: 99767
Ion Ratio Lower Upper
105 100
71 0.3 5.0 7.4#
51 6.5 25.0 37.4#
120 0.8 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 89.540 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion: 82 Resp: 547711
Ion Ratio Lower Upper
82 100
128 39.4 34.0 51.0
54 58.0 46.9 70.3

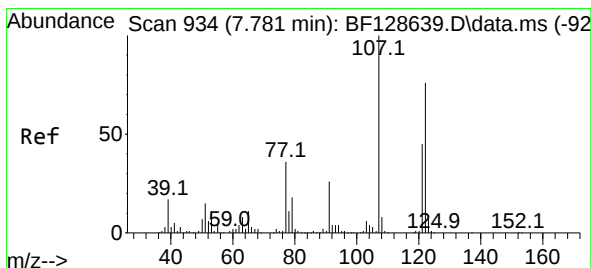
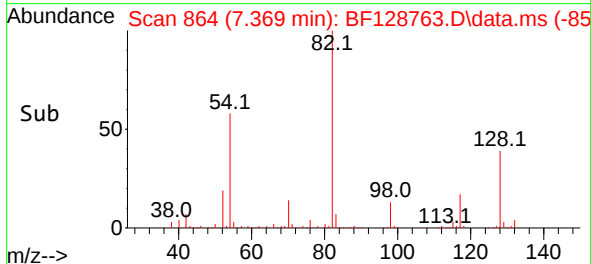
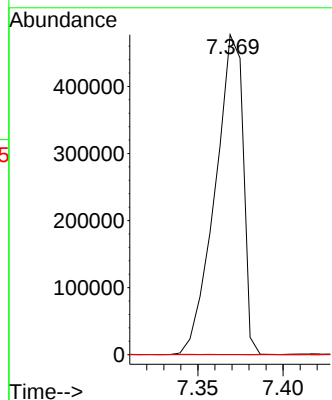
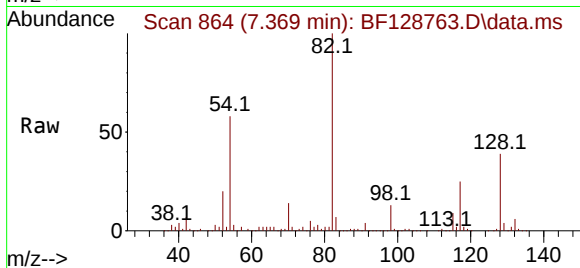




#25
Isophorone
Concen: 58.744 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

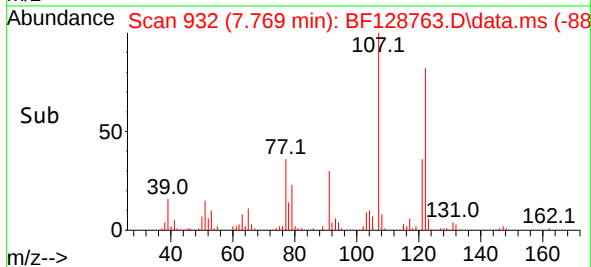
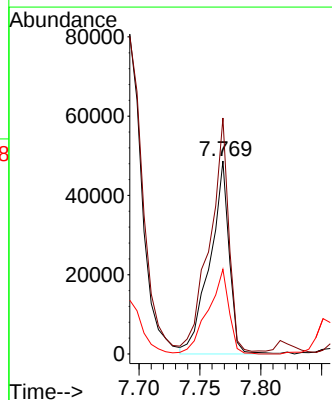
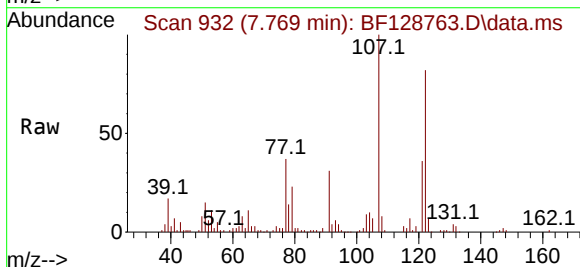
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ClientSampleId :
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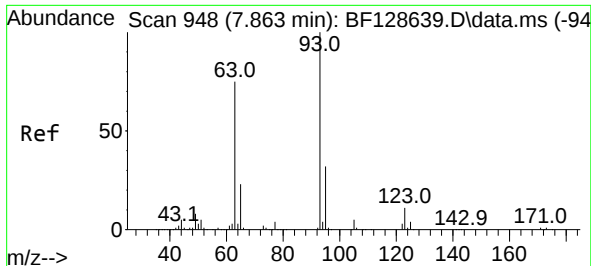
Tgt Ion: 82 Resp: 545750
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 14.290 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:122 Resp: 53861
Ion Ratio Lower Upper
122 100
107 122.3 93.0 139.6
121 43.9 46.6 70.0#

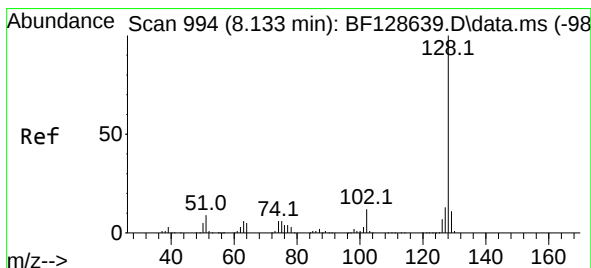
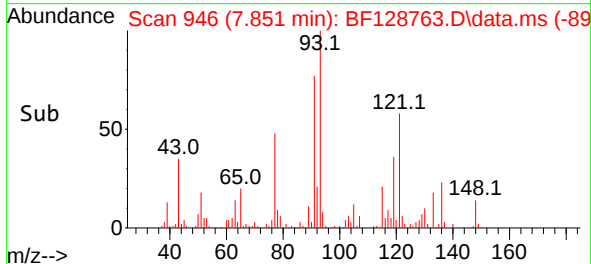
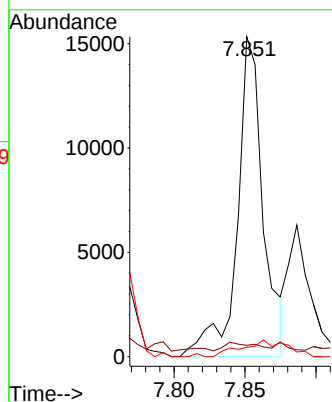
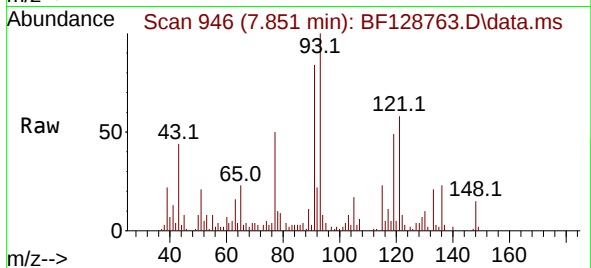




#28
bis(2-Chloroethoxy)methane
Concen: 3.306 ng
RT: 7.851 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

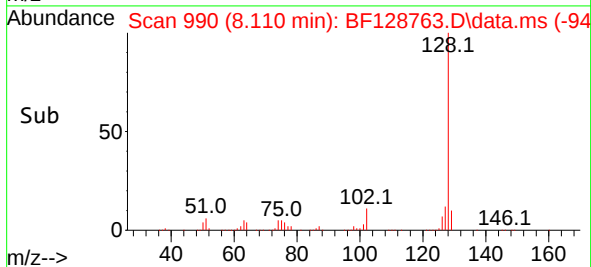
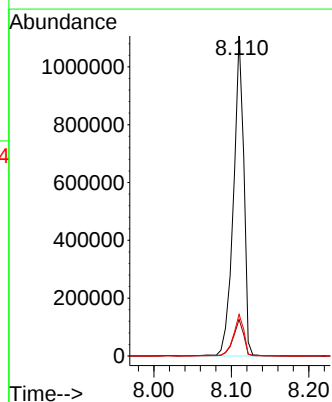
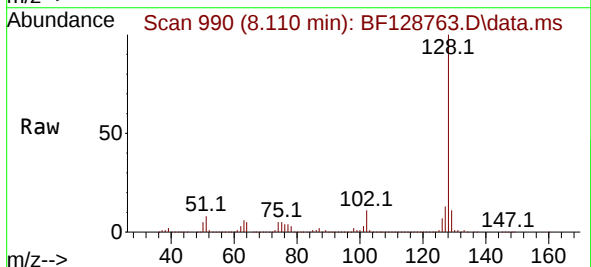
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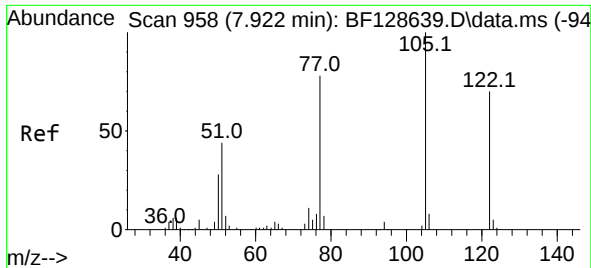
Tgt Ion: 93 Resp: 19415
Ion Ratio Lower Upper
93 100
95 3.5 26.8 40.2#
123 3.0 9.2 13.8#



#31
Naphthalene
Concen: 69.989 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:128 Resp: 1022960
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.5 15.7

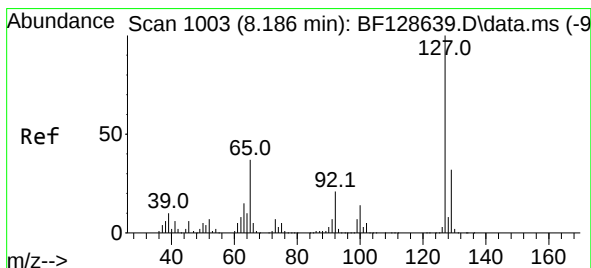
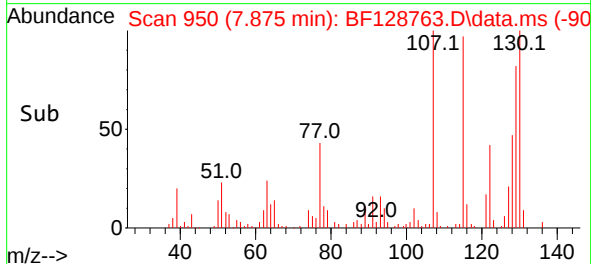
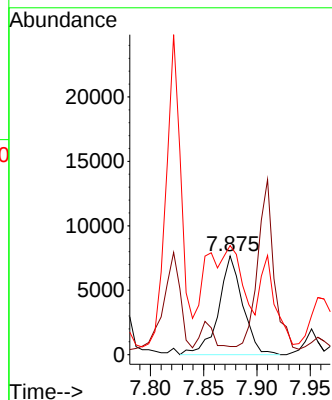
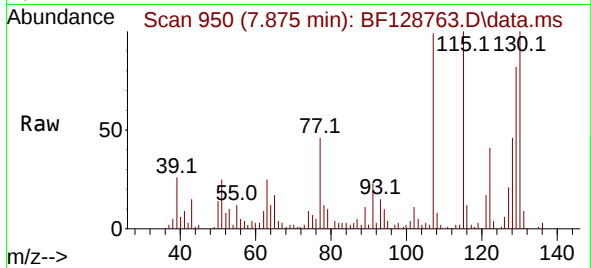




#32
Benzoic acid
Concen: 4.491 ng
RT: 7.875 min Scan# 911
Delta R.T. -0.036 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

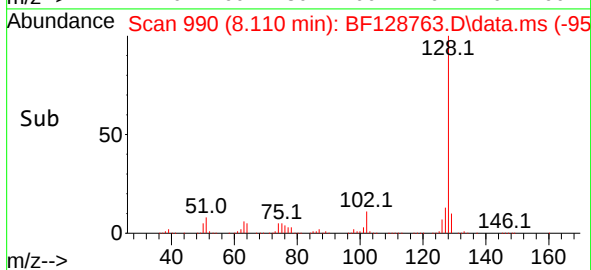
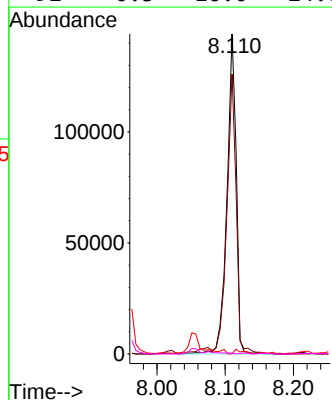
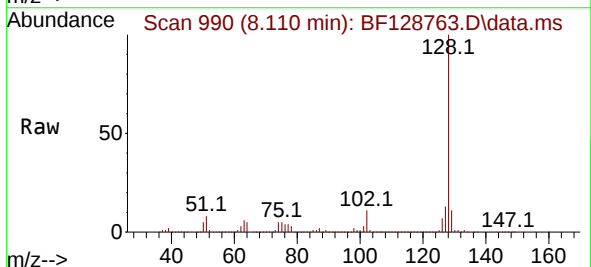
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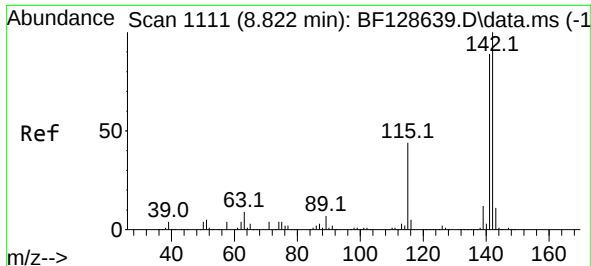
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Ion Ratio Lower Upper
122 100
105 8.3 107.1 147.1#
77 110.5 74.2 114.2



#33
4-Chloroaniline
Concen: 24.787 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.065 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:127 Resp: 136592
Ion Ratio Lower Upper
127 100
129 87.5 26.4 39.6#
65 0.0 26.4 39.6#
92 0.3 16.0 24.0#





#37

2-Methylnaphthalene

Concen: 6.732 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF128763.D

Acq: 10 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

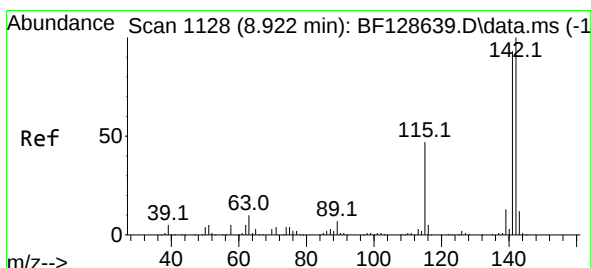
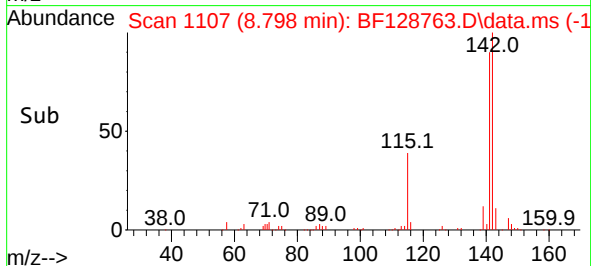
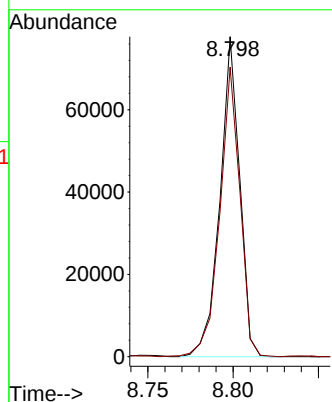
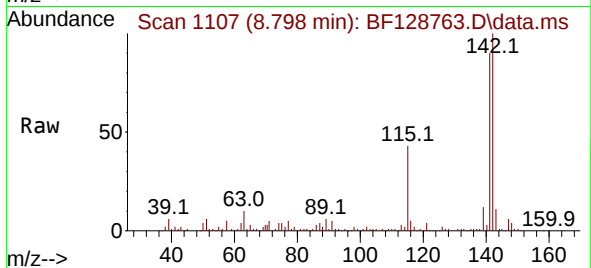
MW-2

Tgt Ion:142 Resp: 62584

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.4



#38

1-Methylnaphthalene

Concen: 6.748 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BF128763.D

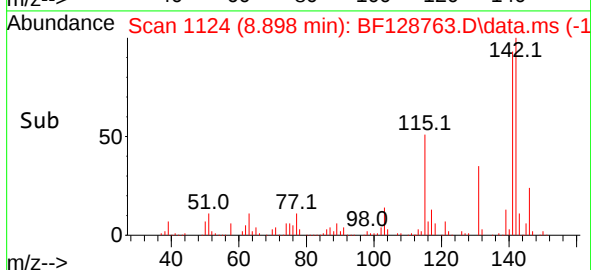
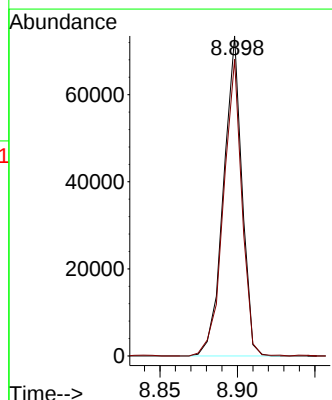
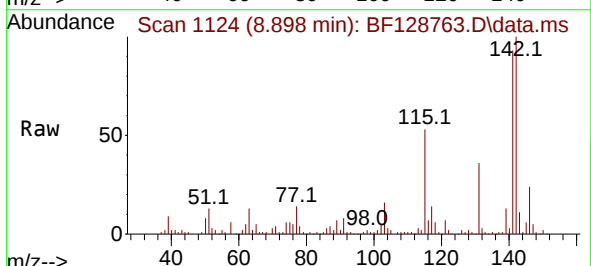
Acq: 10 Jun 2022 17:17

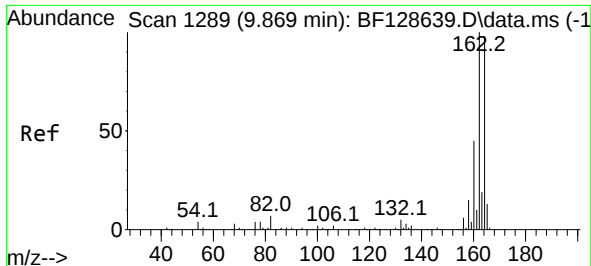
Tgt Ion:142 Resp: 60611

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

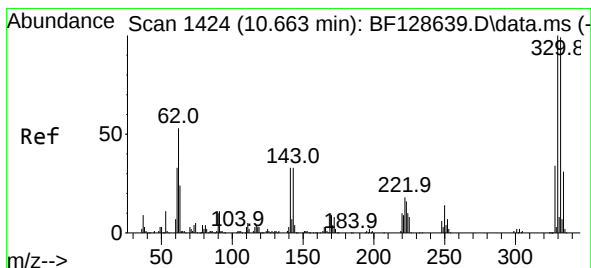
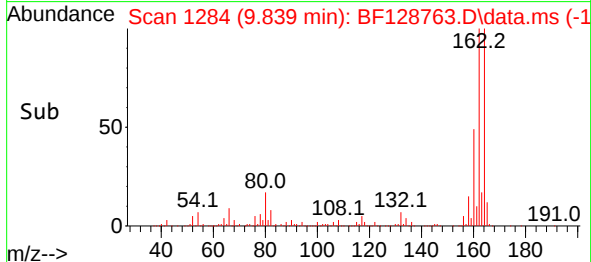
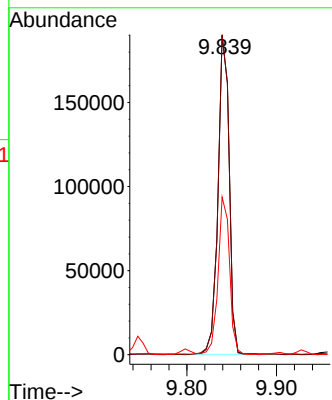
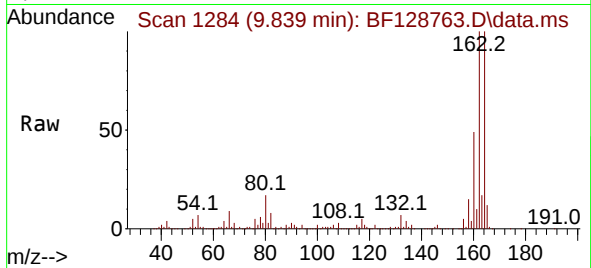




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

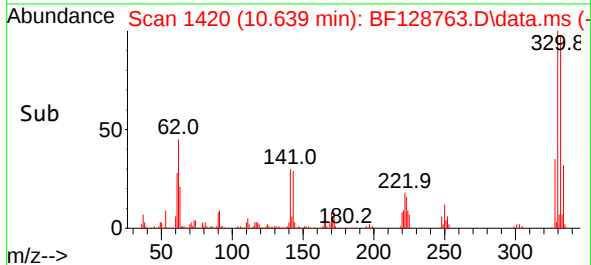
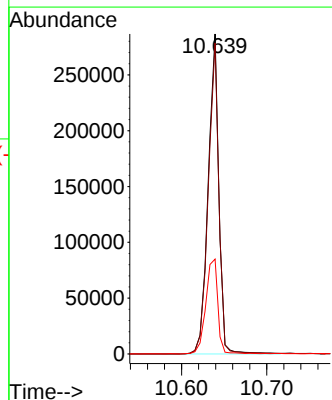
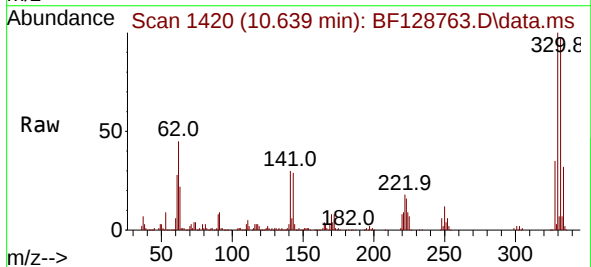
Instrument :
BNA_F
ClientSampleId :
MW-2

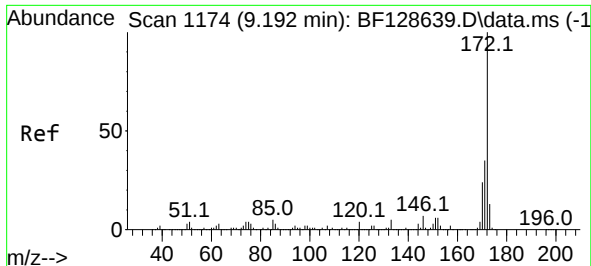
Tgt Ion:164 Resp: 163889
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 49.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 128.491 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:330 Resp: 248813
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 33.7 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 91.862 ng

RT: 9.169 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF128763.D

Acq: 10 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

MW-2

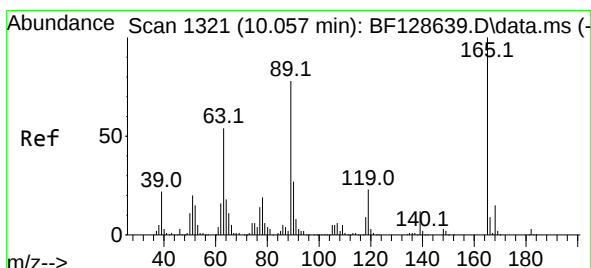
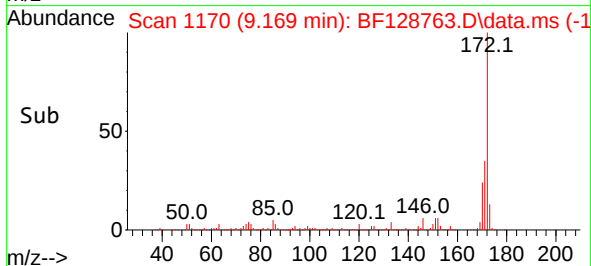
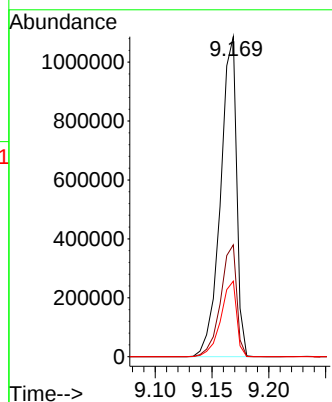
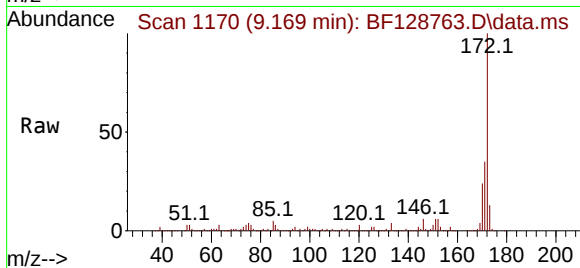
Tgt Ion:172 Resp: 1074759

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.8 29.8



#57

2,4-Dinitrotoluene

Concen: 7.078 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128763.D

Acq: 10 Jun 2022 17:17

Tgt Ion:165 Resp: 20913

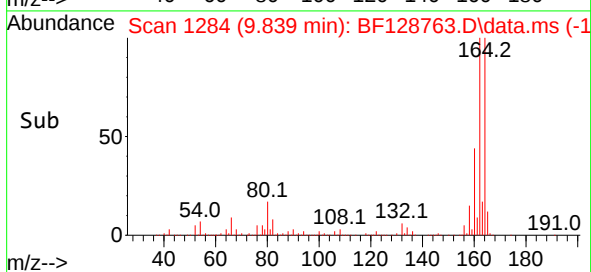
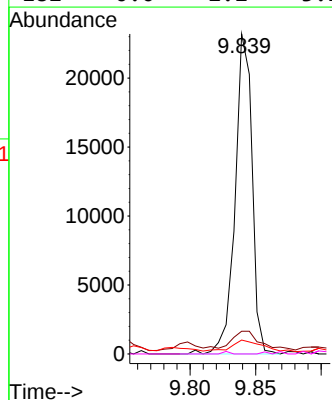
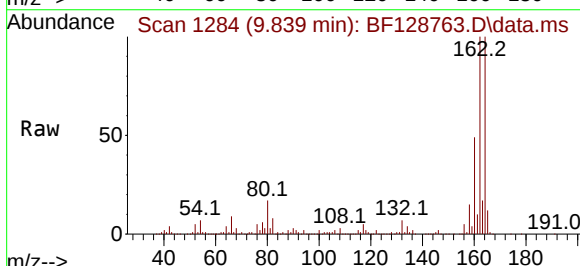
Ion Ratio Lower Upper

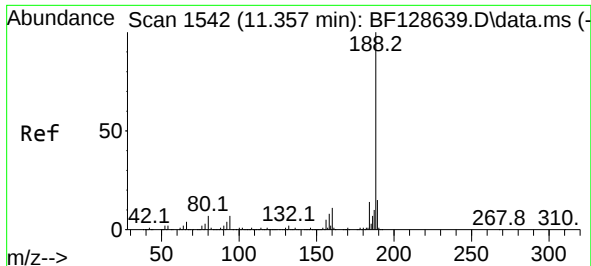
165 100

63 7.1 39.8 59.6#

89 4.4 60.2 90.2#

182 0.0 2.2 3.2#

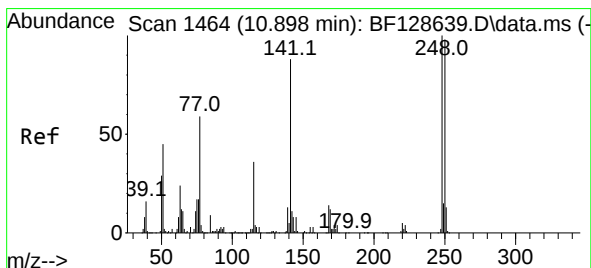
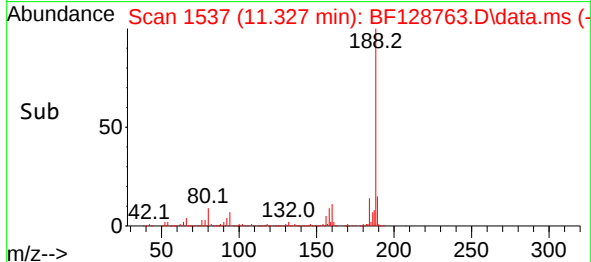
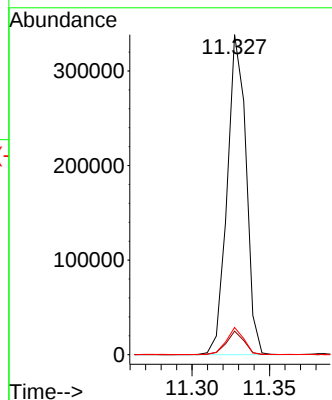
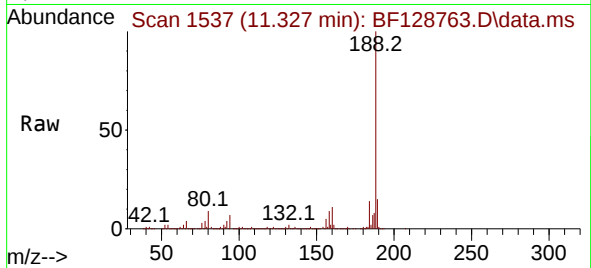




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

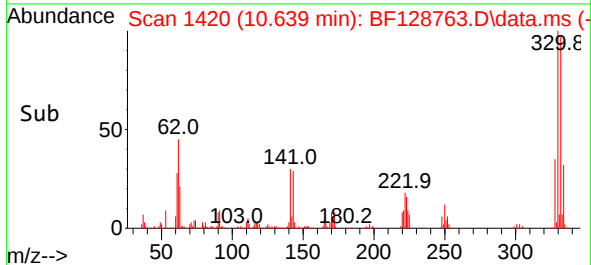
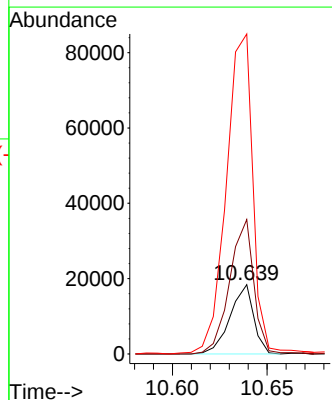
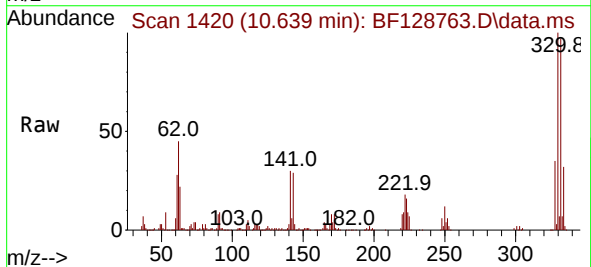
Instrument :
BNA_F
ClientSampleId :
MW-2

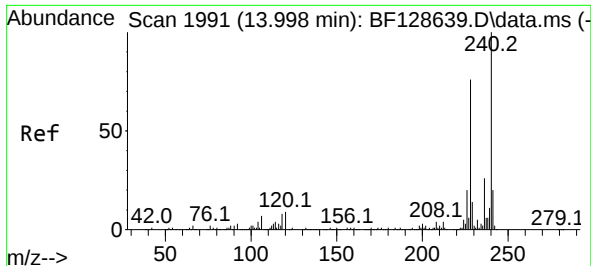
Tgt Ion:188 Resp: 286680
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.004 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.247 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:248 Resp: 15999
Ion Ratio Lower Upper
248 100
250 194.2 80.6 120.8#
141 462.3 58.9 88.3#

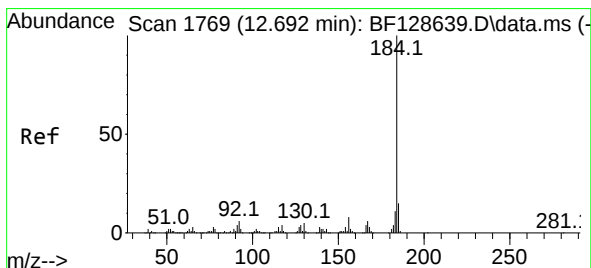
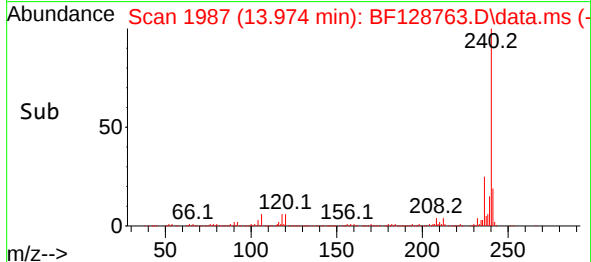
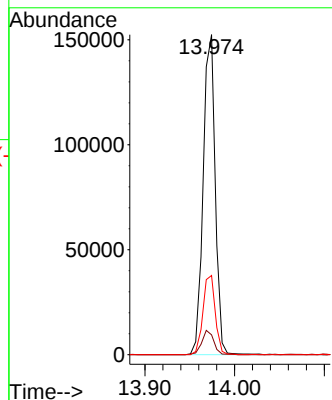
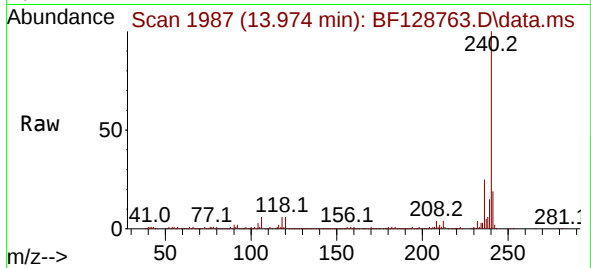




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

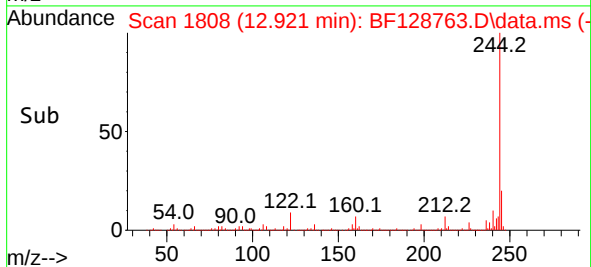
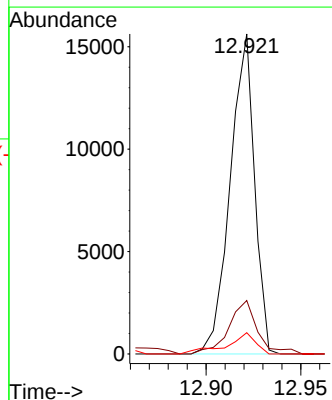
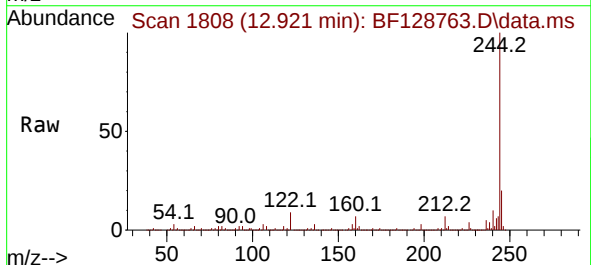
Instrument :
BNA_F
ClientSampleId :
MW-2

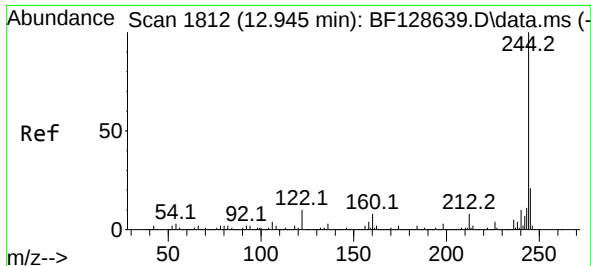
Tgt Ion:240 Resp: 142382
Ion Ratio Lower Upper
240 100
120 6.2 8.9 13.3#
236 24.7 20.8 31.2



#77
Benzidine
Concen: 4.916 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128763.D
Acq: 10 Jun 2022 17:17

Tgt Ion:184 Resp: 13952
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 6.7 9.3 13.9#

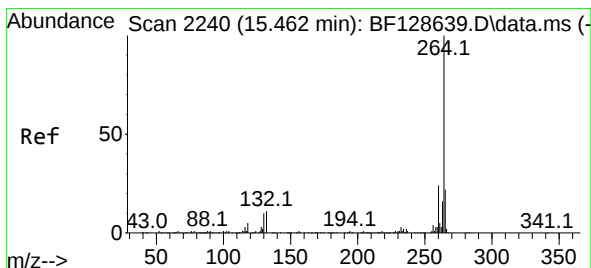
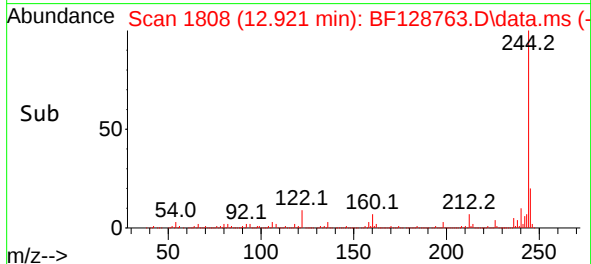
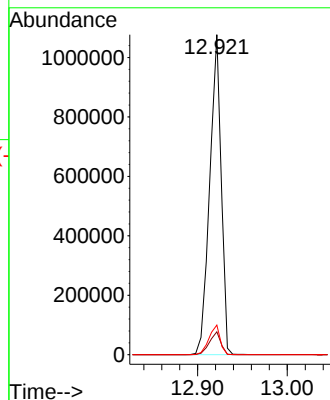
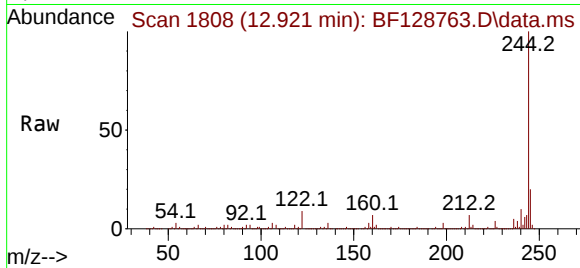




#79
 Terphenyl-d14
 Concen: 116.728 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128763.D
 Acq: 10 Jun 2022 17:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 956471
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128763.D
 Acq: 10 Jun 2022 17:17

Tgt Ion:264 Resp: 148334
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 20.8 17.2 25.8

