

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128785.D
 Acq On : 13 Jun 2022 15:41
 Operator : CG\JU
 Sample : N3286-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1RDL

Quant Time: Jun 14 01:55:51 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)

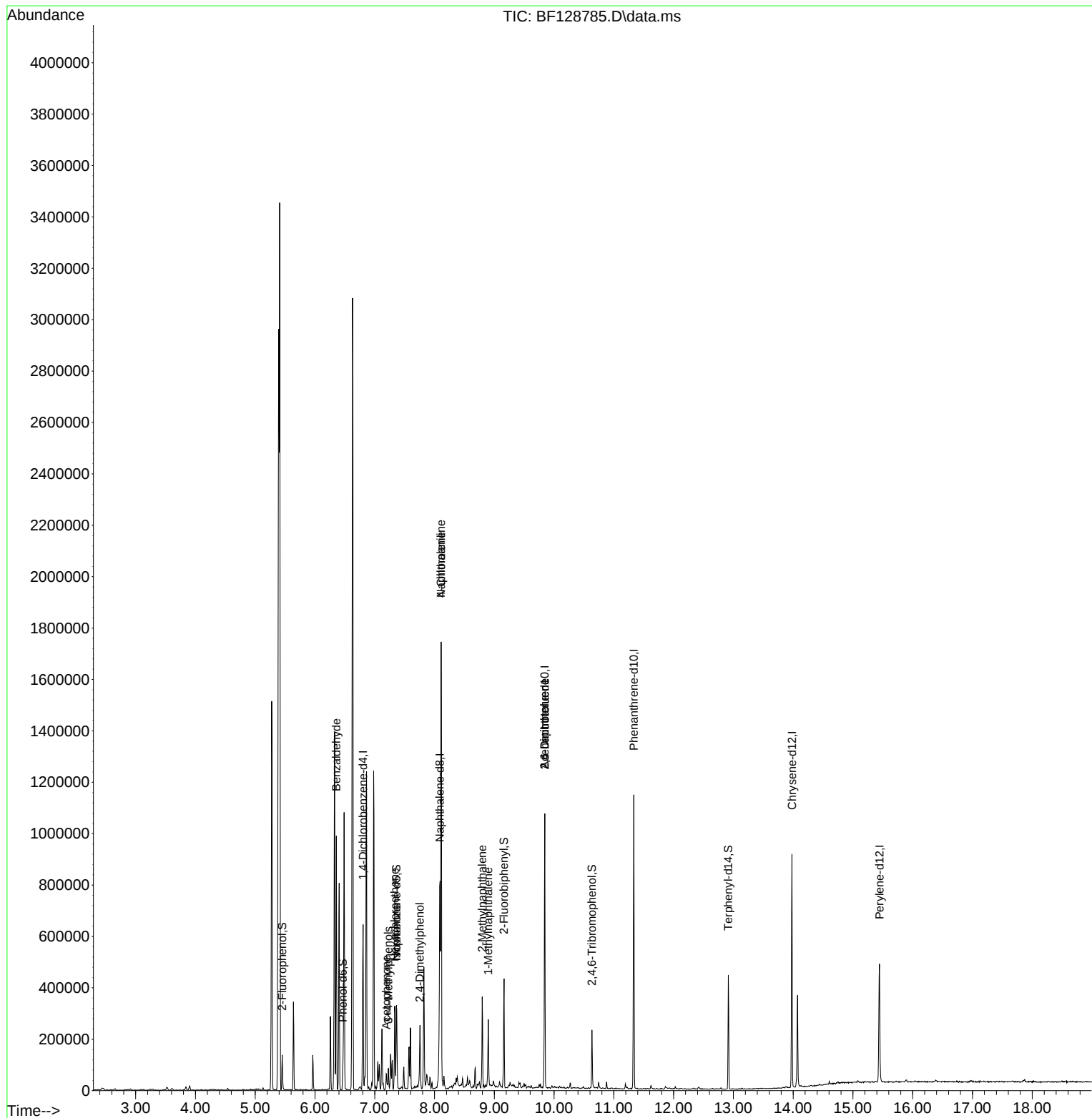
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	90030	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	348777	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	201553	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	386273	20.000	ng	0.00
76) Chrysene-d12	13.980	240	297708	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	210956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	30719	5.435	ng	0.00
7) Phenol-d6	6.463	99	28045	4.065	ng	-0.02
23) Nitrobenzene-d5	7.363	82	56772	7.579	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	26557	11.152	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	118963	8.268	ng	-0.01
79) Terphenyl-d14	12.915	244	144303	8.423	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	38343	9.122	ng	# 1
18) Hexachloroethane	7.333	117	23443	9.331	ng	# 1
20) 3+4-Methylphenols	7.227	107	19435	3.185	ng	# 75
22) Acetophenone	7.192	105	28866	3.164	ng	# 58
25) Isophorone	7.363	82	56696	4.983	ng	# 65
27) 2,4-Dimethylphenol	7.751	122	10223	2.215	ng	# 82
31) Naphthalene	8.110	128	755184	42.190	ng	99
33) 4-Chloroaniline	8.110	127	102496	15.188	ng	# 32
37) 2-Methylnaphthalene	8.798	142	85957	7.550	ng	99
38) 1-Methylnaphthalene	8.898	142	49529	4.503	ng	96
51) 2,6-Dinitrotoluene	9.845	165	26200	9.622	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	26200	7.210	ng	# 22

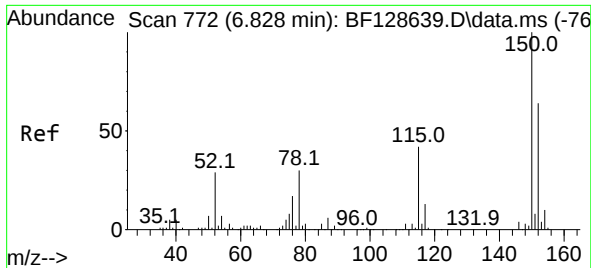
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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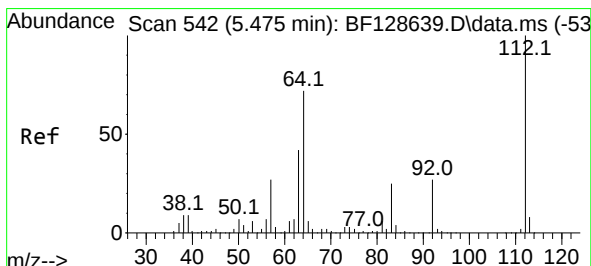
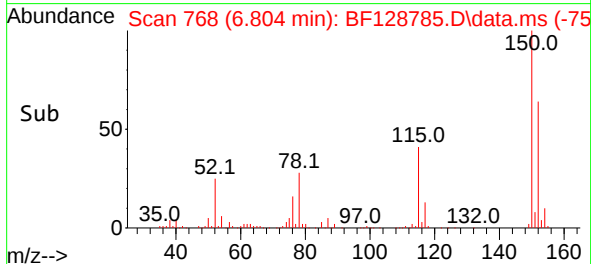
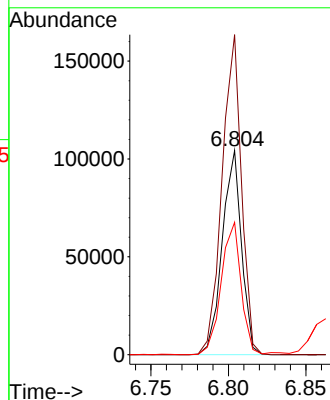
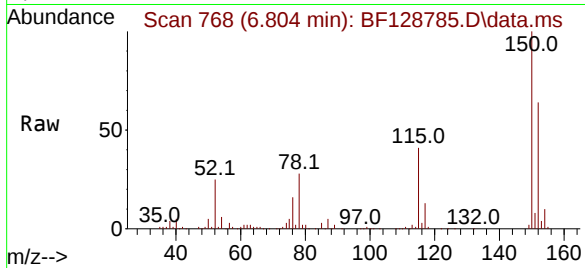




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

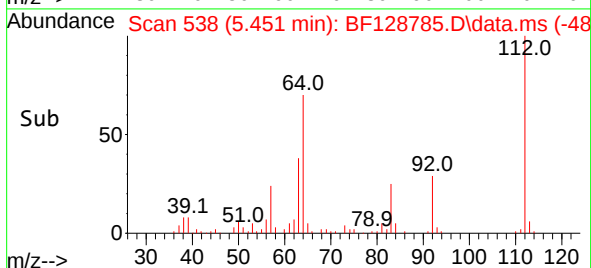
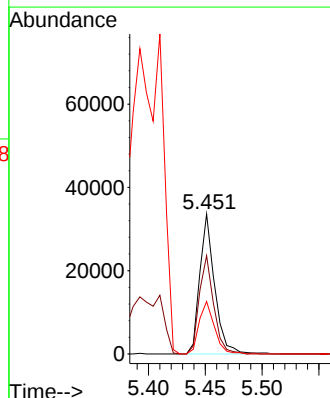
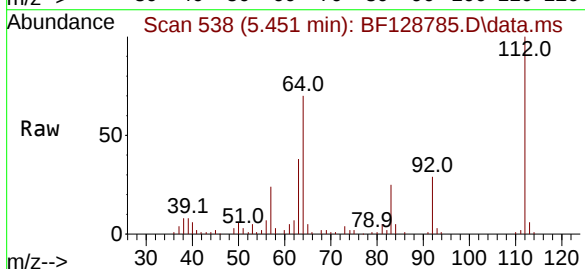
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

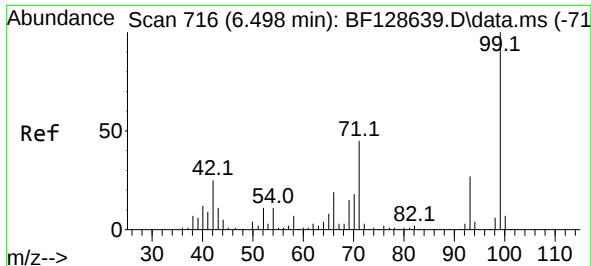
Tgt Ion:152 Resp: 90030
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 64.8 49.9 74.9



#5
2-Fluorophenol
Concen: 5.435 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:112 Resp: 30719
Ion Ratio Lower Upper
112 100
64 70.2 53.3 79.9
63 37.5 28.0 42.0

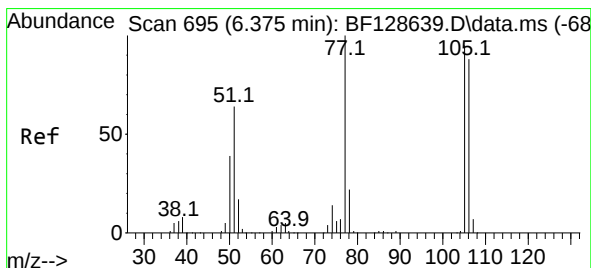
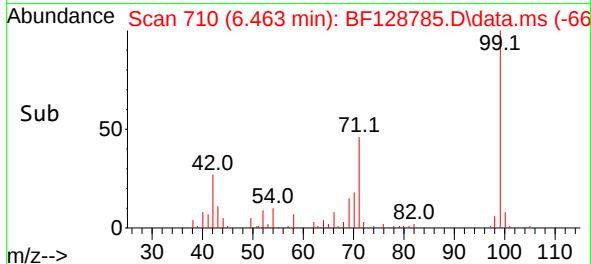
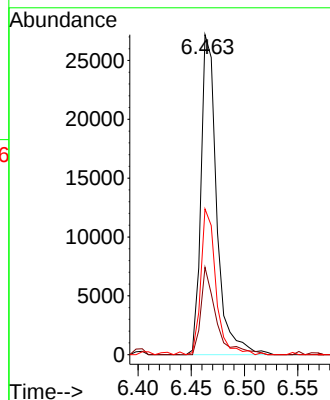
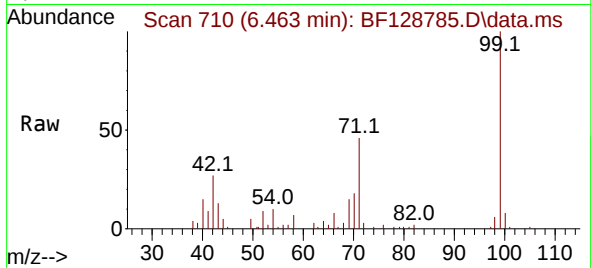




#7
Phenol-d6
Concen: 4.065 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

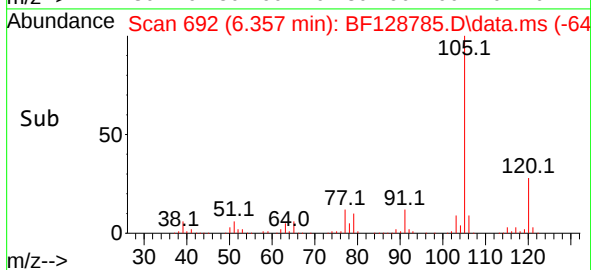
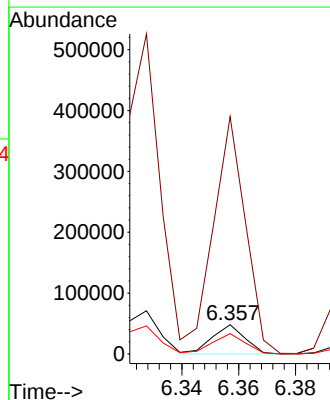
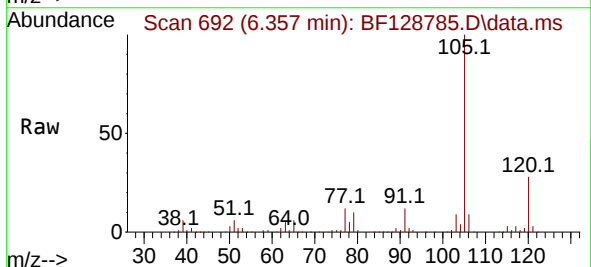
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

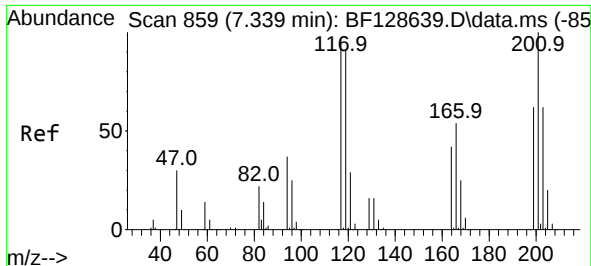
Tgt Ion: 99 Resp: 28045
Ion Ratio Lower Upper
99 100
42 27.3 17.3 25.9#
71 45.6 28.9 43.3#



#9
Benzaldehyde
Concen: 9.122 ng
RT: 6.357 min Scan# 692
Delta R.T. -0.006 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion: 77 Resp: 38343
Ion Ratio Lower Upper
77 100
105 812.7 81.6 121.6#
106 69.8 76.1 116.1#

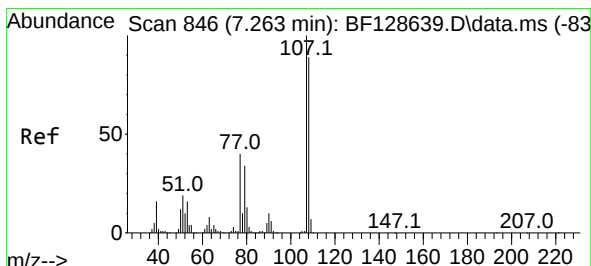
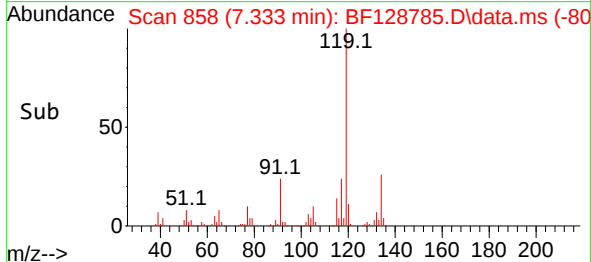
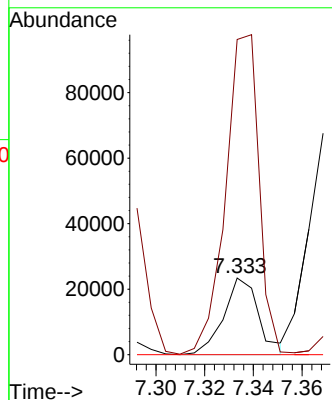
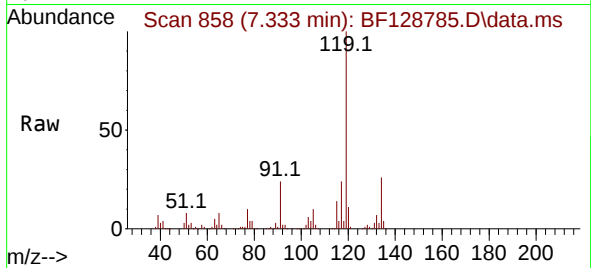




#18
Hexachloroethane
Concen: 9.331 ng
RT: 7.333 min Scan# 81
Delta R.T. 0.011 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

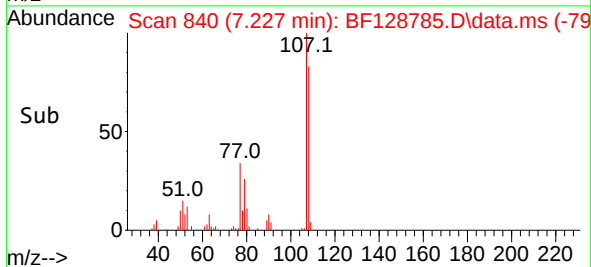
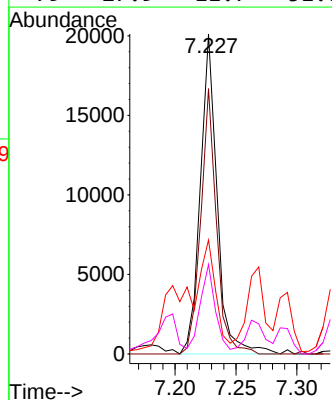
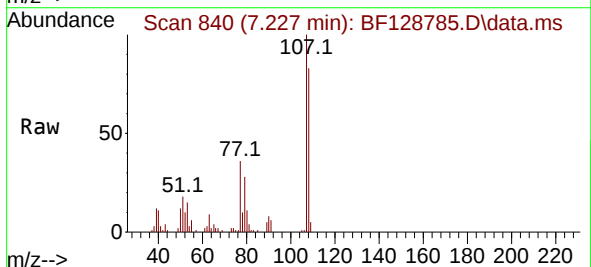
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

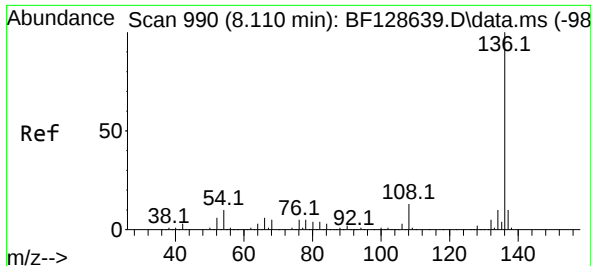
Tgt Ion:117 Resp: 23443
Ion Ratio Lower Upper
117 100
119 411.5 77.4 116.2#
201 0.0 84.6 127.0#



#20
3+4-Methylphenols
Concen: 3.185 ng
RT: 7.227 min Scan# 840
Delta R.T. -0.018 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:107 Resp: 19435
Ion Ratio Lower Upper
107 100
108 82.9 71.8 111.8
77 35.6 59.3 99.3#
79 27.9 11.7 51.7



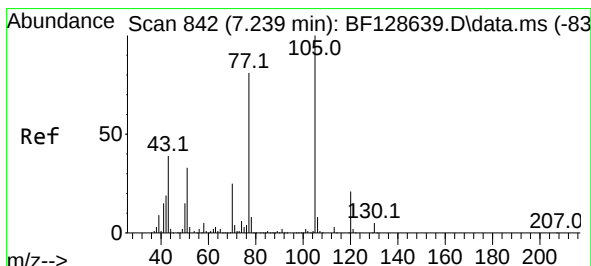
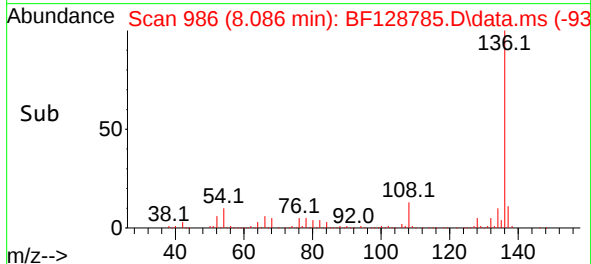
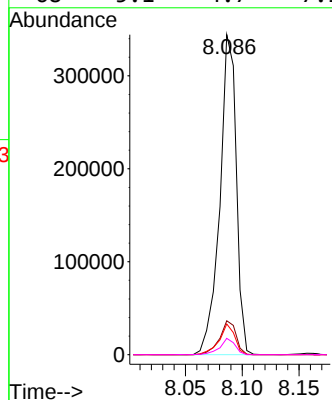
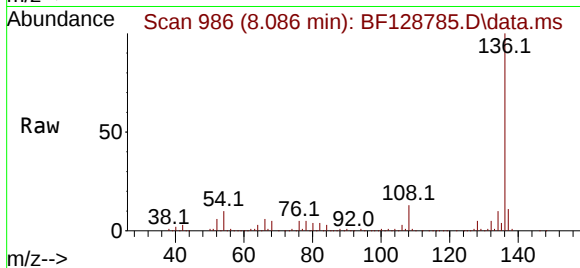


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Instrument :
BNA_F
ClientSampleId :
MW-1RDL

Tgt Ion:136 Resp: 348777

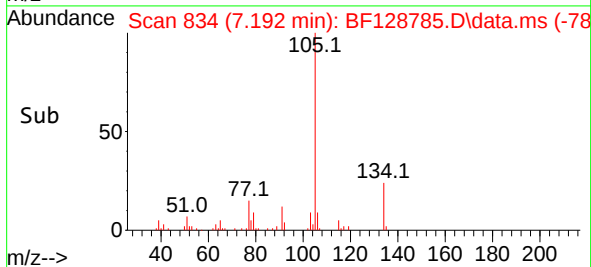
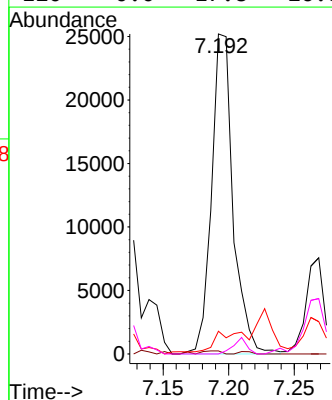
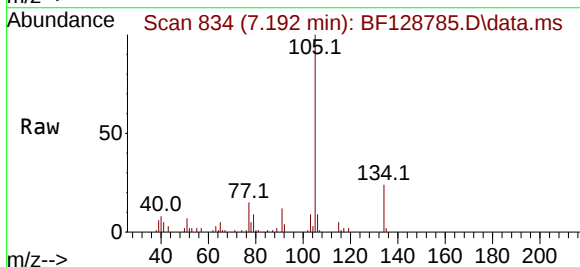
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.5	11.3
68	5.1	4.7	7.1

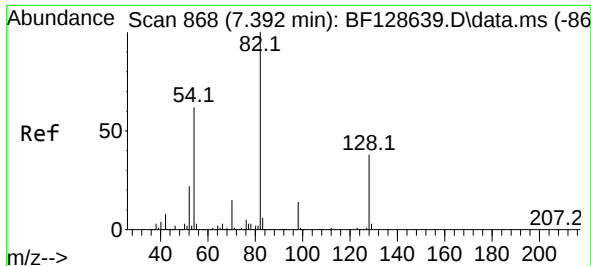


#22
Acetophenone
Concen: 3.164 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.036 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:105 Resp: 28866

Ion	Ratio	Lower	Upper
105	100		
71	1.0	5.0	7.4#
51	7.1	25.0	37.4#
120	0.0	17.8	26.8#

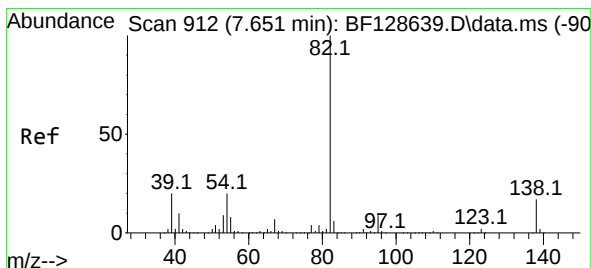
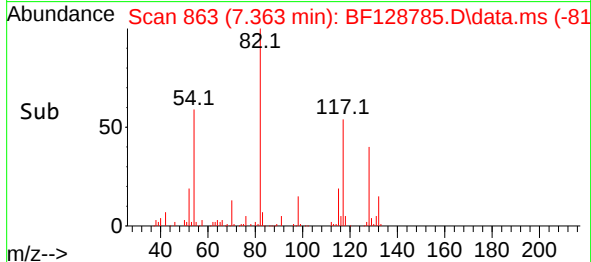
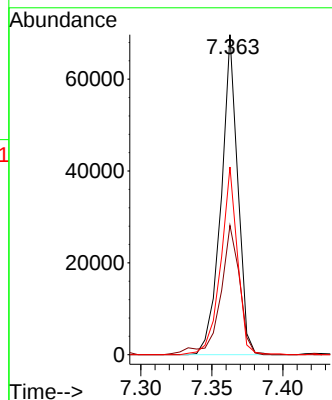
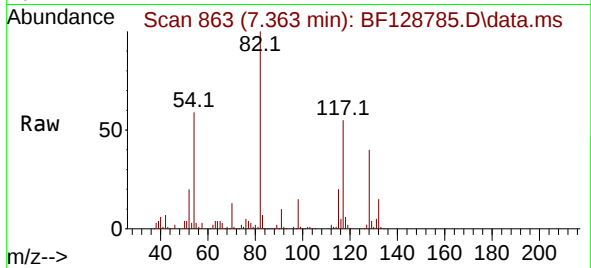




#23
Nitrobenzene-d5
Concen: 7.579 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

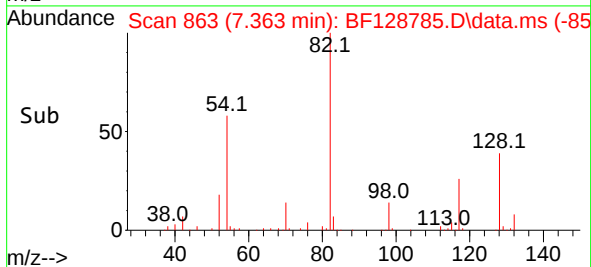
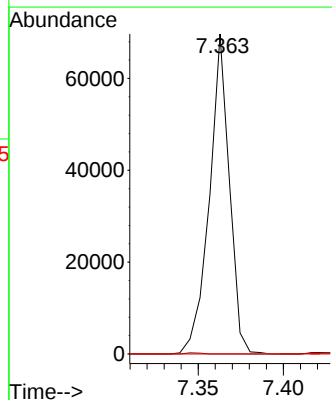
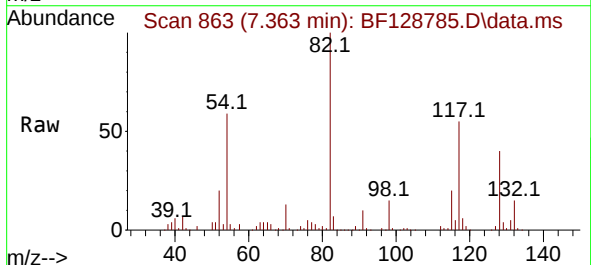
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

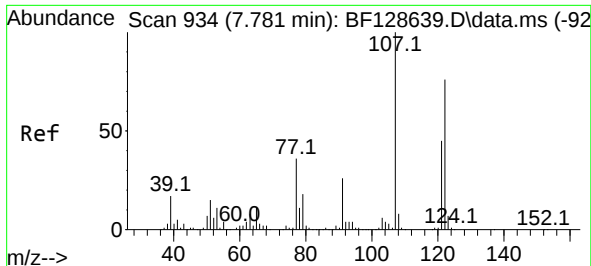
Tgt Ion: 82 Resp: 56772
Ion Ratio Lower Upper
82 100
128 40.4 34.0 51.0
54 58.7 46.9 70.3



#25
Isophorone
Concen: 4.983 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.277 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion: 82 Resp: 56696
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

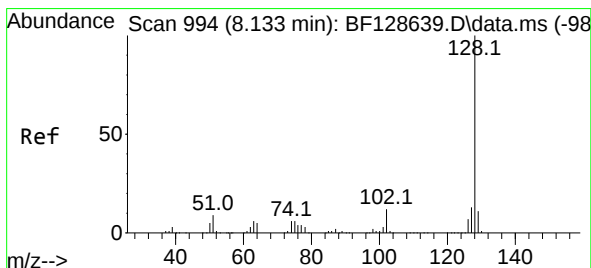
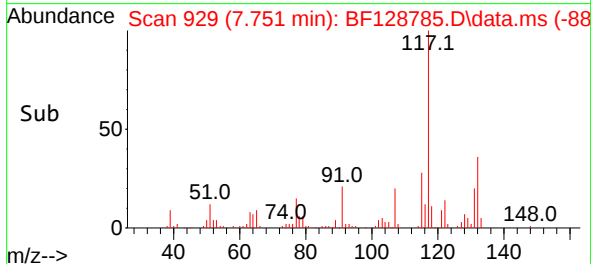
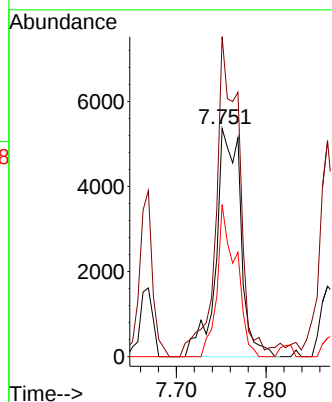
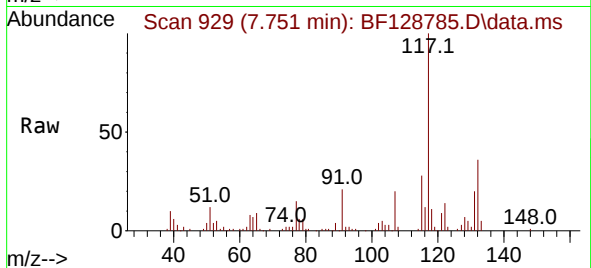




#27
2,4-Dimethylphenol
Concen: 2.215 ng
RT: 7.751 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

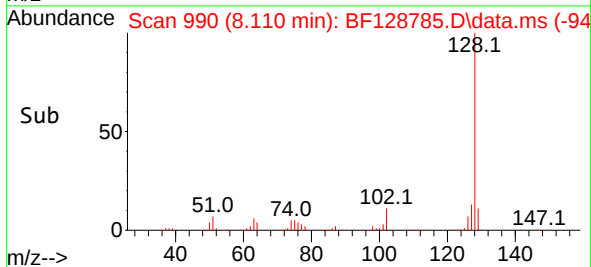
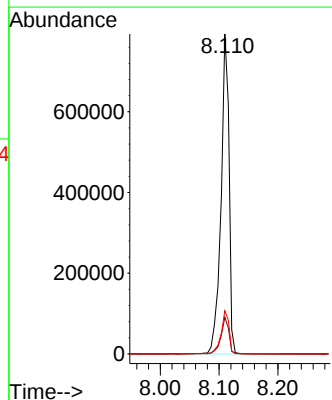
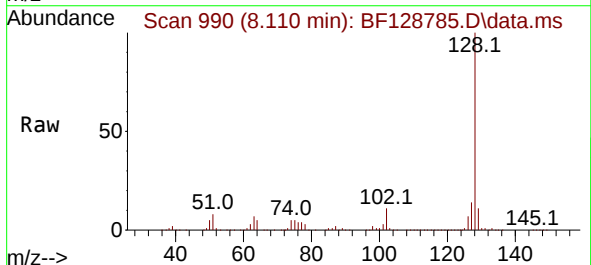
Instrument :
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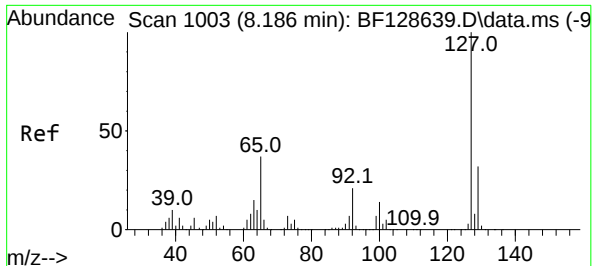
Tgt Ion:122 Resp: 10223
Ion Ratio Lower Upper
122 100
107 140.2 93.0 139.6#
121 66.6 46.6 70.0



#31
Naphthalene
Concen: 42.190 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:128 Resp: 755184
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.5 15.7





#33

4-Chloroaniline

Concen: 15.188 ng

RT: 8.110 min Scan# 91

Delta R.T. -0.065 min

Lab File: BF128785.D

Acq: 13 Jun 2022 15:41

Instrument :

BNA_F

ClientSampleId :

MW-1RDL

Tgt Ion:127 Resp: 102496

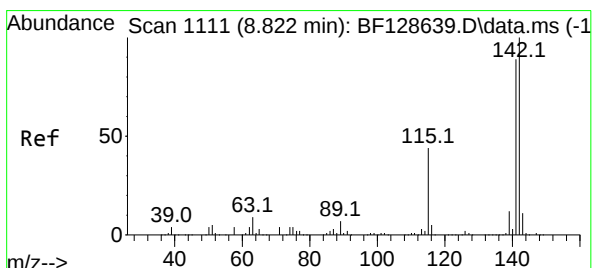
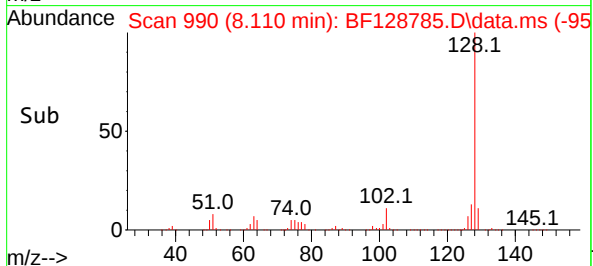
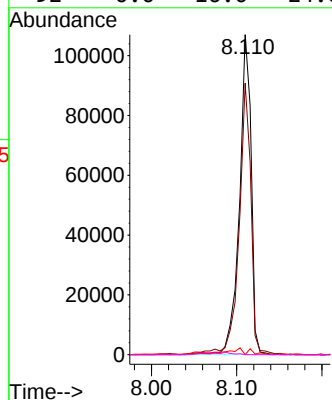
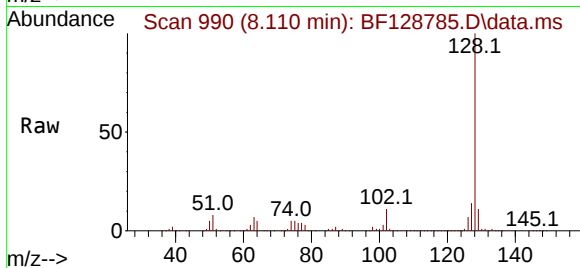
Ion Ratio Lower Upper

127 100

129 84.8 26.4 39.6#

65 0.0 26.4 39.6#

92 0.0 16.0 24.0#



#37

2-Methylnaphthalene

Concen: 7.550 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.012 min

Lab File: BF128785.D

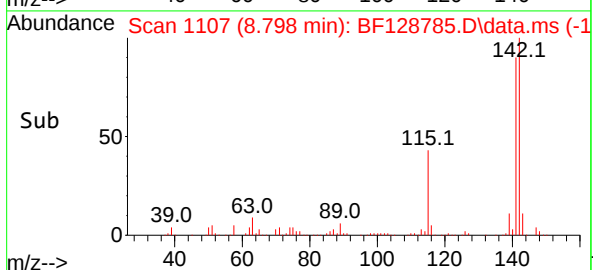
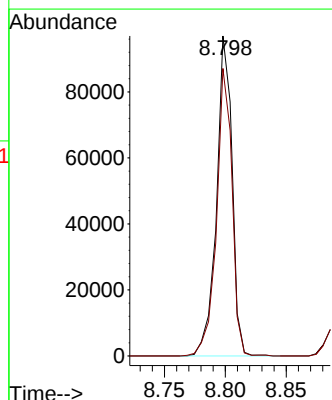
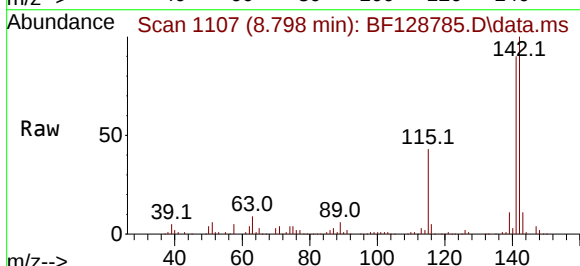
Acq: 13 Jun 2022 15:41

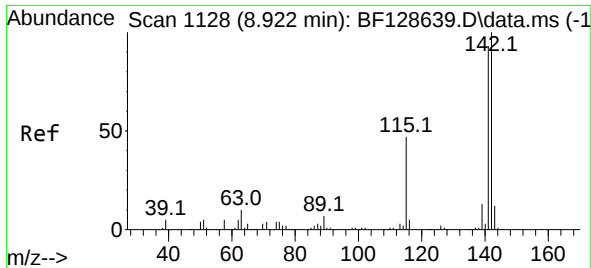
Tgt Ion:142 Resp: 85957

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.4

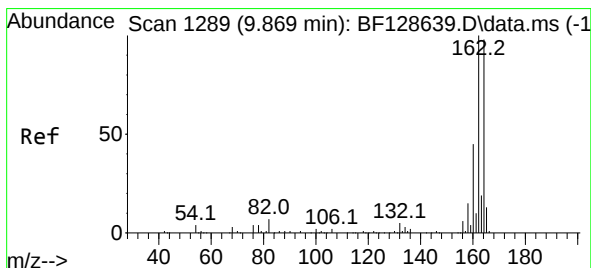
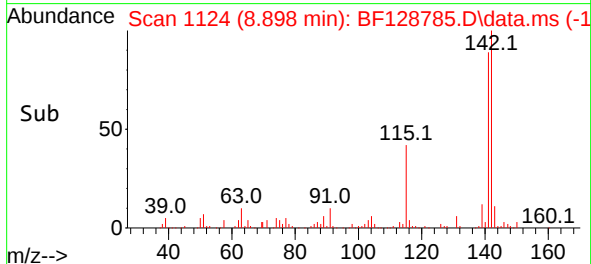
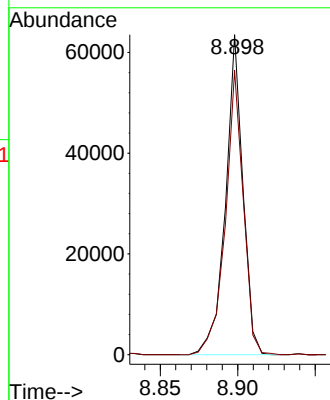
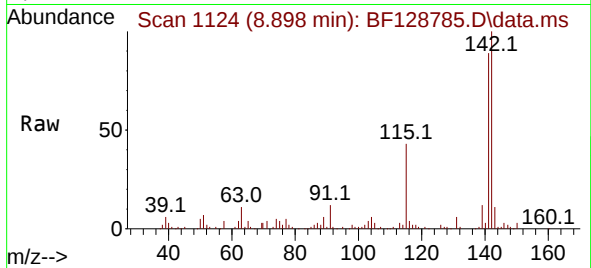




#38
1-Methylnaphthalene
Concen: 4.503 ng
RT: 8.898 min Scan# 1128
Delta R.T. -0.012 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

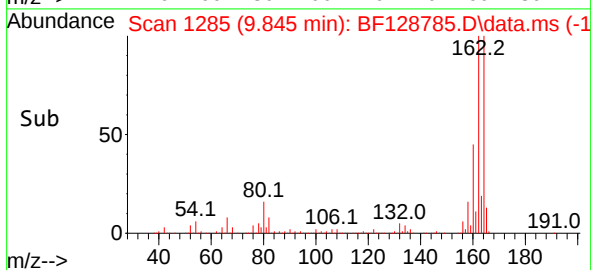
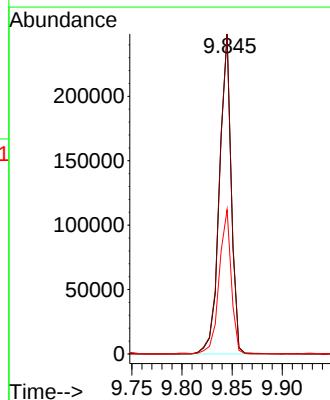
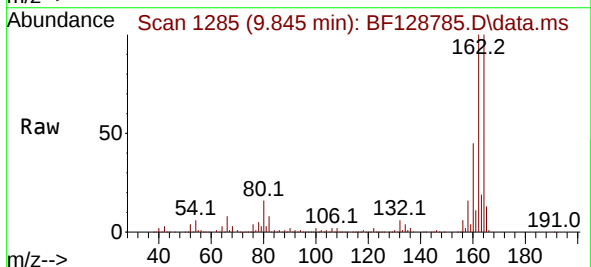
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

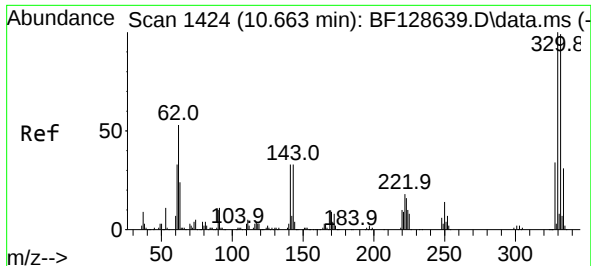
Tgt Ion:142 Resp: 49529
Ion Ratio Lower Upper
142 100
141 88.8 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:164 Resp: 201553
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 11.152 ng

RT: 10.633 min Scan# 1419

Delta R.T. -0.018 min

Lab File: BF128785.D

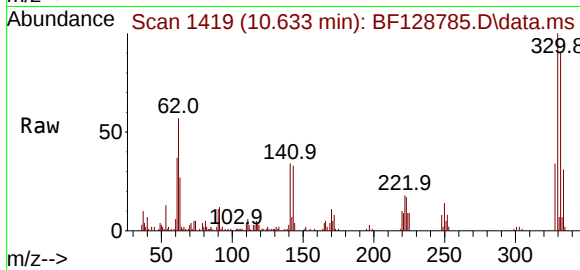
Acq: 13 Jun 2022 15:41

Instrument :

BNA_F

ClientSampleId :

MW-1RDL



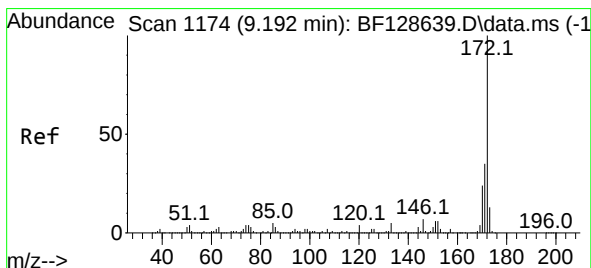
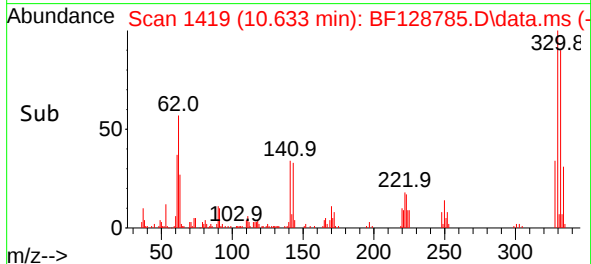
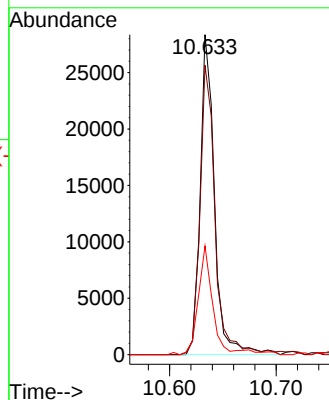
Tgt Ion:330 Resp: 26557

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 8.268 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128785.D

Acq: 13 Jun 2022 15:41

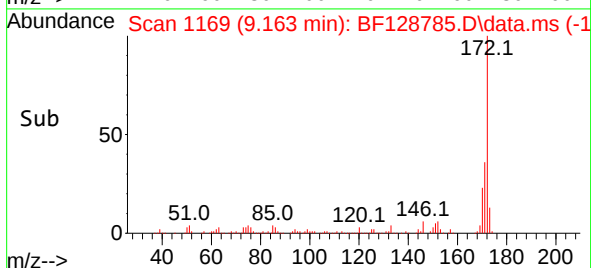
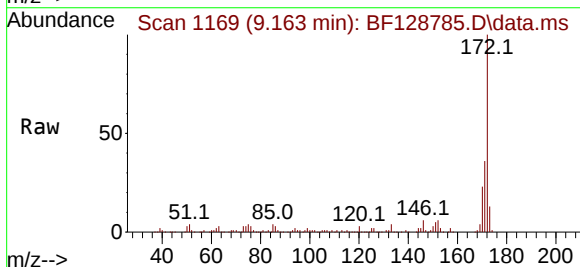
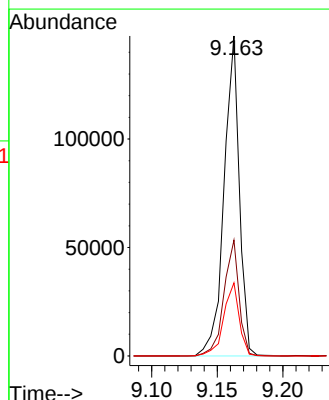
Tgt Ion:172 Resp: 118963

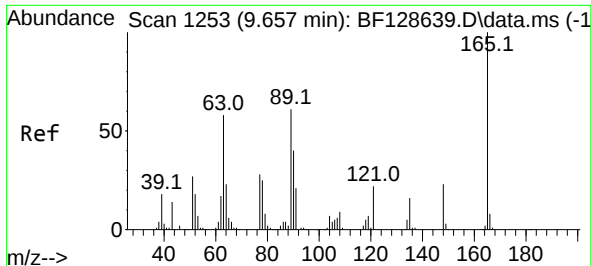
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 22.9 19.8 29.8

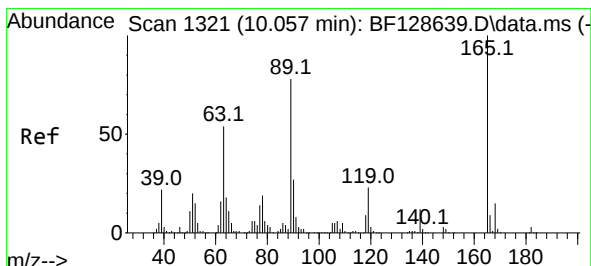
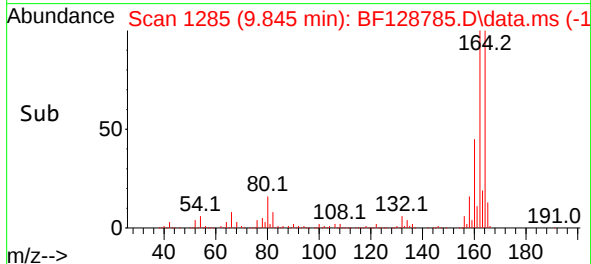
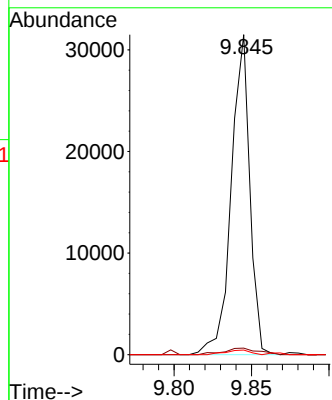
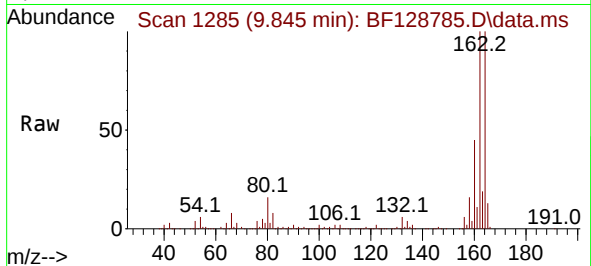




#51
2,6-Dinitrotoluene
Concen: 9.622 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

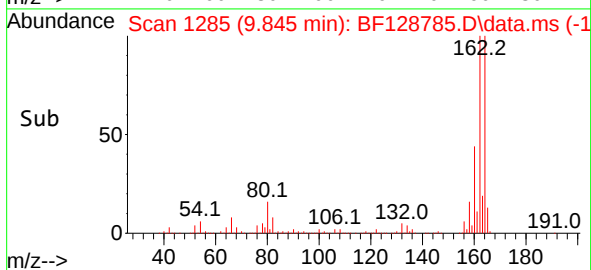
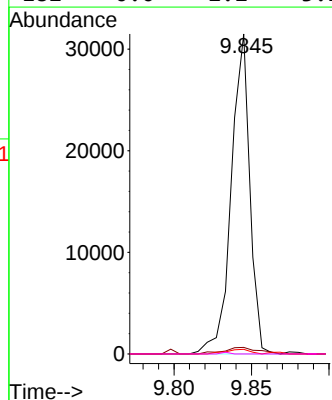
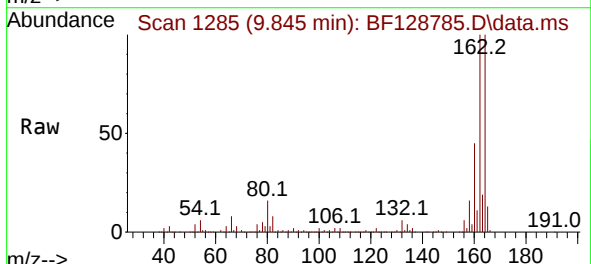
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

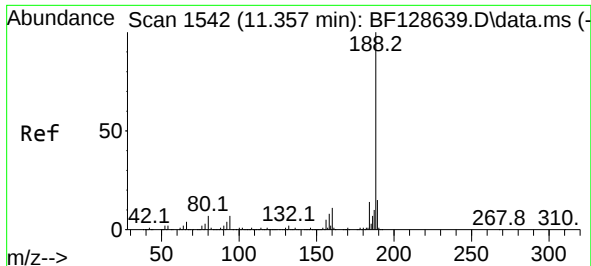
Tgt Ion:165 Resp: 26200
Ion Ratio Lower Upper
165 100
63 2.1 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.210 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.200 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

Tgt Ion:165 Resp: 26200
Ion Ratio Lower Upper
165 100
63 2.1 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

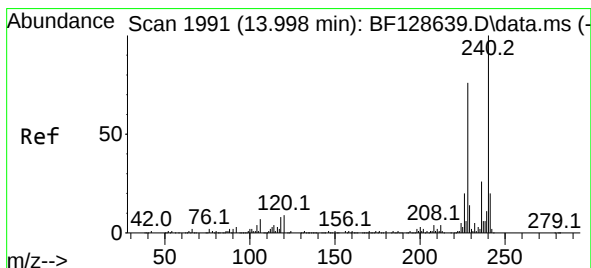
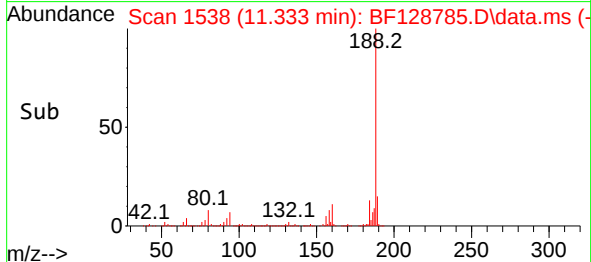
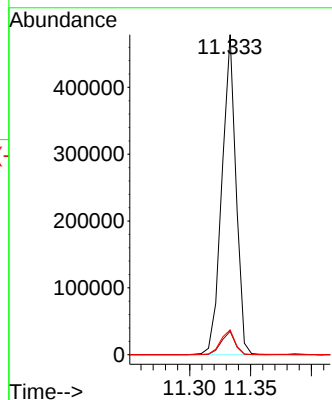
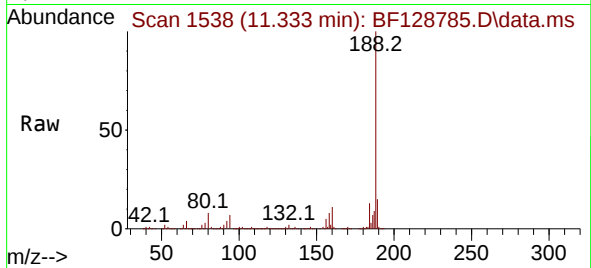




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

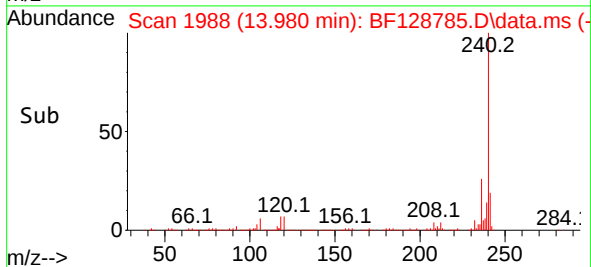
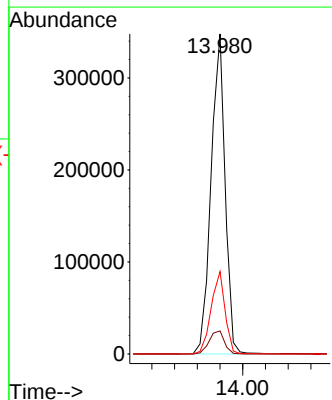
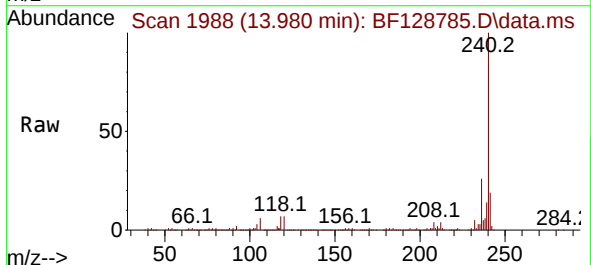
Instrument :
BNA_F
ClientSampleId :
MW-1RDL

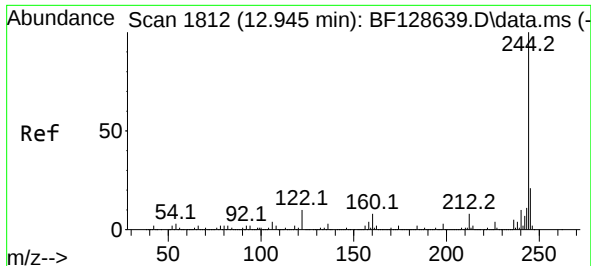
Tgt Ion:188 Resp: 386273
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128785.D
Acq: 13 Jun 2022 15:41

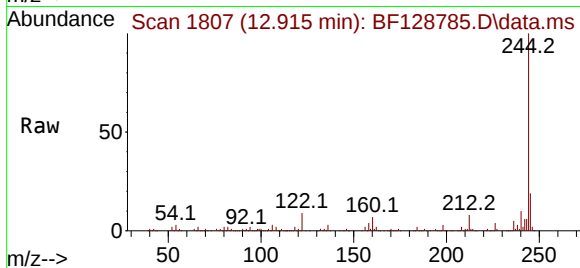
Tgt Ion:240 Resp: 297708
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.8 20.8 31.2



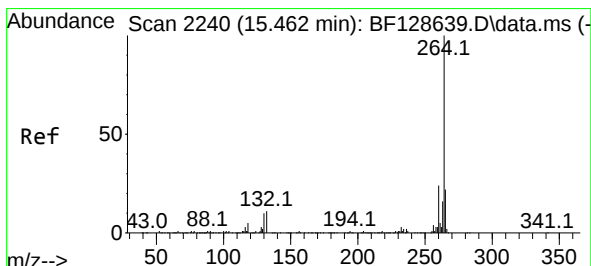
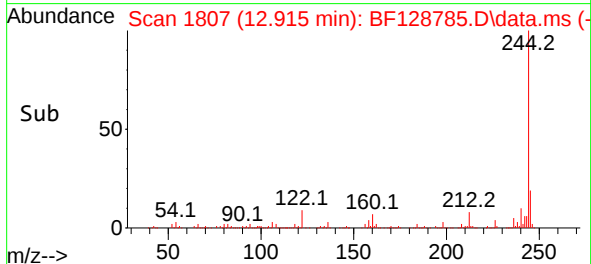
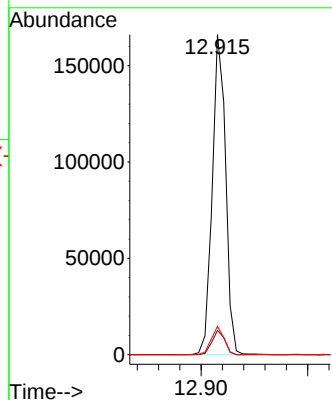


#79
 Terphenyl-d14
 Concen: 8.423 ng
 RT: 12.915 min Scan# 1812
 Delta R.T. -0.018 min
 Lab File: BF128785.D
 Acq: 13 Jun 2022 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-1RDL



Tgt Ion:244 Resp: 144303
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF128785.D
 Acq: 13 Jun 2022 15:41

Tgt Ion:264 Resp: 210956
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.5 17.2 25.8

