

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127192.D
 Acq On : 04 Mar 2022 01:08
 Operator : CG\JU
 Sample : N1725-03DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03DL

Quant Time: Mar 04 02:16:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

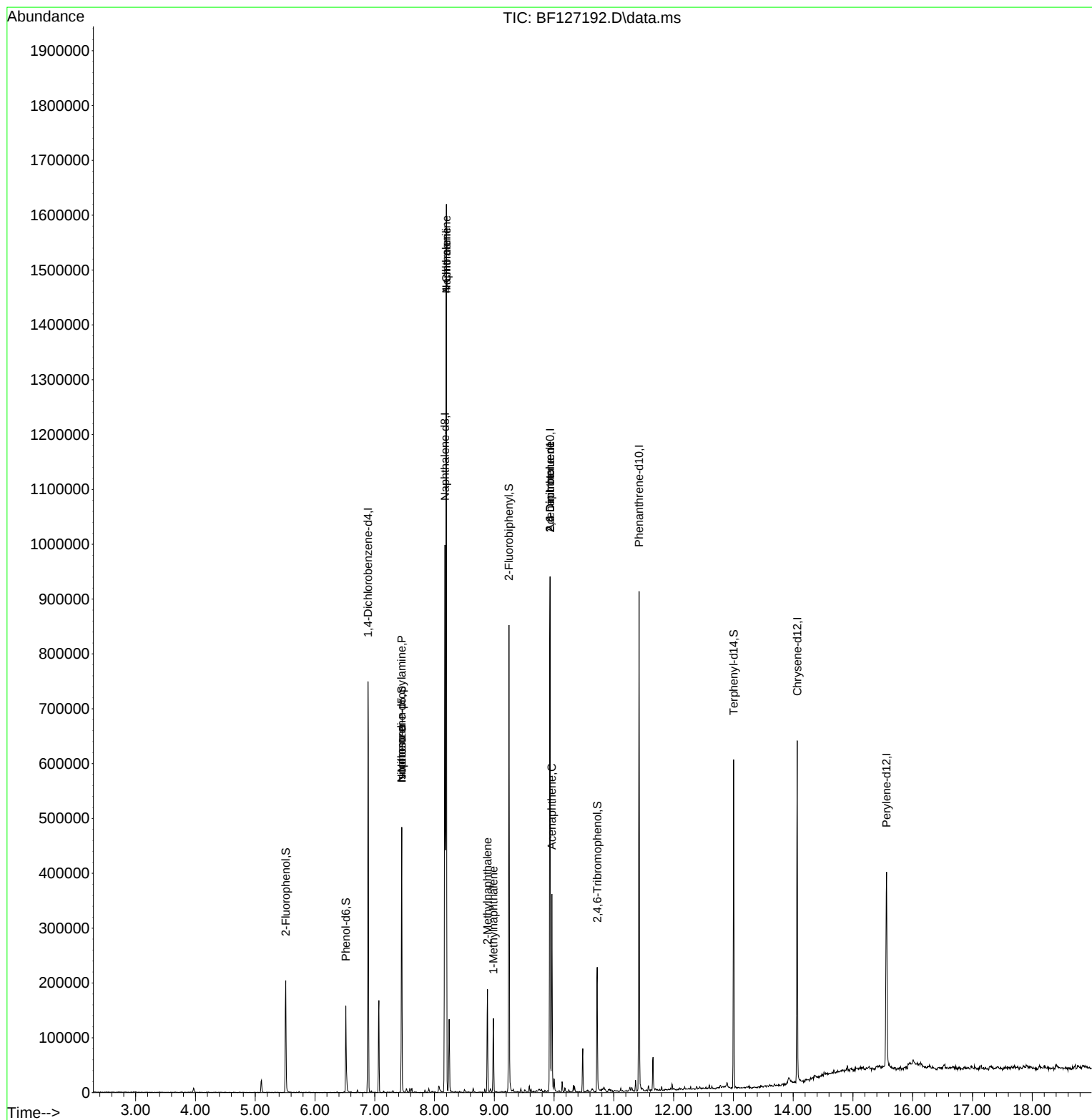
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	101186	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	386134	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	188096	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	278400	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	192138	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	159355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	49196	7.514	ng	0.00
7) Phenol-d6	6.516	99	43110	4.880	ng	0.00
23) Nitrobenzene-d5	7.451	82	135050	15.787	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	26885	12.414	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	213222	16.688	ng	0.00
79) Terphenyl-d14	13.004	244	177424	13.575	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	17887	3.142	ng	# 76
25) Isophorone	7.451	82	134133	9.476	ng	# 69
31) Naphthalene	8.198	128	662098	32.847	ng	99
33) 4-Chloroaniline	8.198	127	88302	11.130	ng	# 33
37) 2-Methylnaphthalene	8.886	142	44563	3.407	ng	95
38) 1-Methylnaphthalene	8.986	142	30884	2.466	ng	92
51) 2,6-Dinitrotoluene	9.933	165	24330	8.894	ng	# 21
52) Acenaphthene	9.963	154	65642	5.623	ng	98
57) 2,4-Dinitrotoluene	9.933	165	24330	6.578	ng	# 15

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

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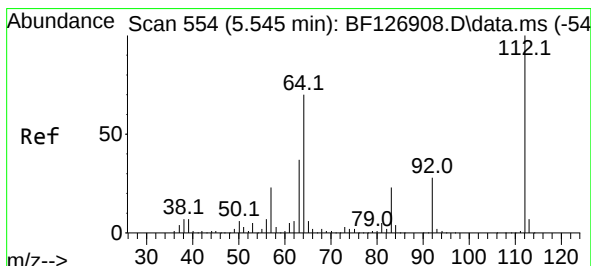
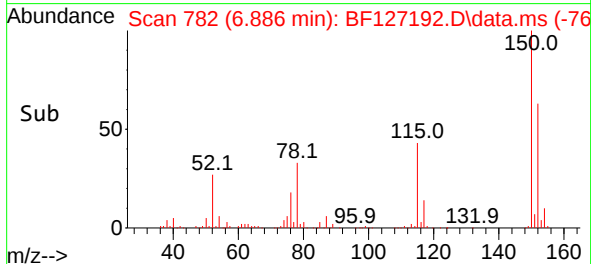
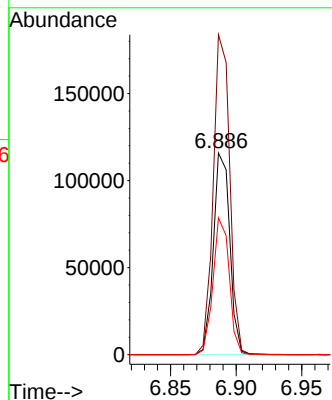
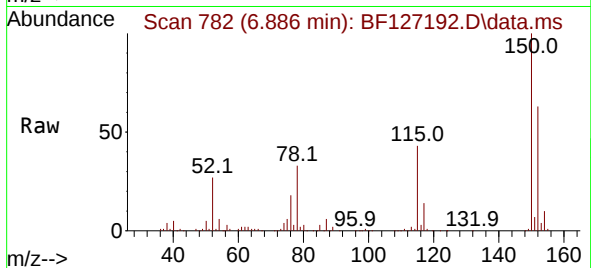




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

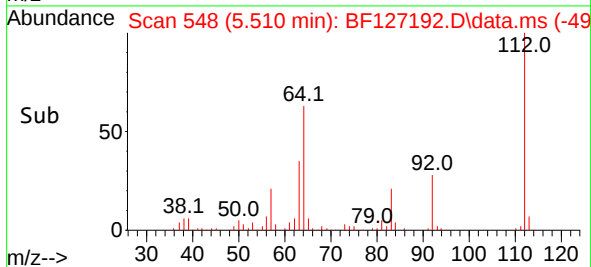
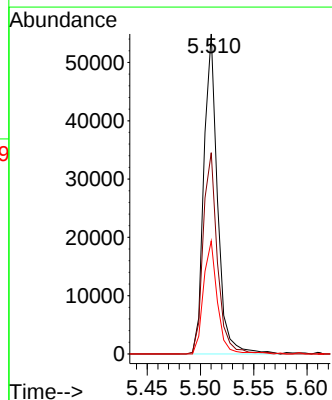
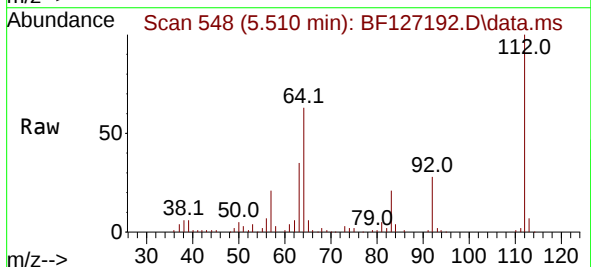
Instrument :
BNA_F
ClientSampleId :
MW-03DL

Tgt Ion:152 Resp: 101186
Ion Ratio Lower Upper
152 100
150 158.6 128.1 192.1
115 67.8 56.7 85.1



#5
2-Fluorophenol
Concen: 7.514 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion:112 Resp: 49196
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 35.3 23.9 35.9

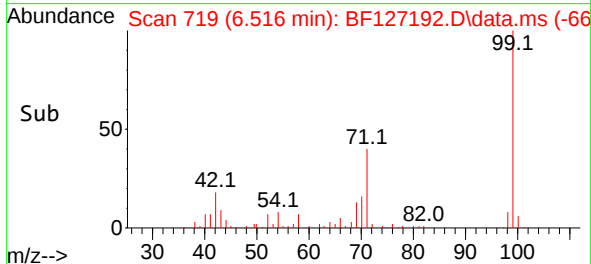
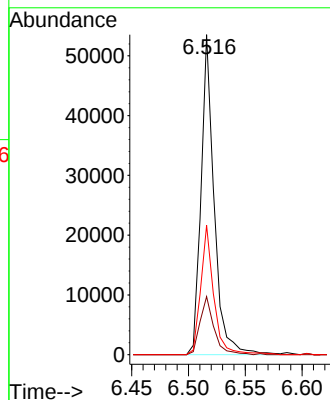
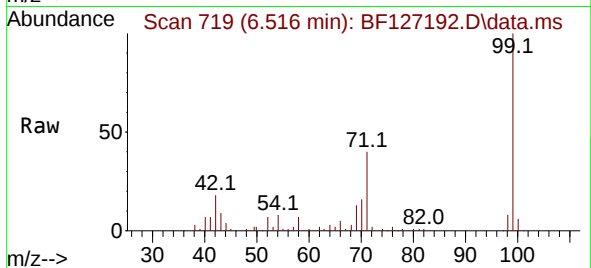




#7
Phenol-d6
Concen: 4.880 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

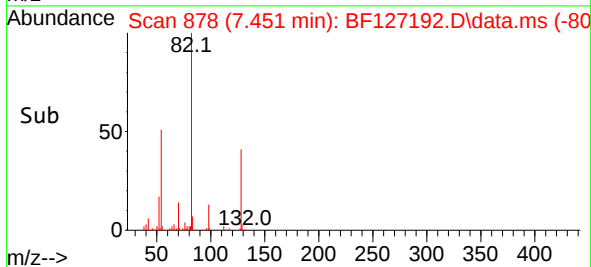
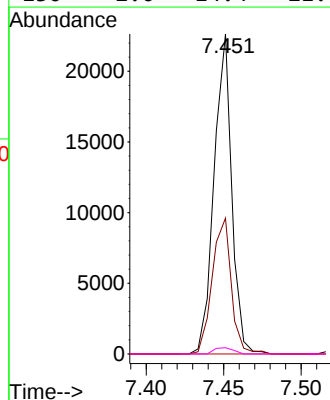
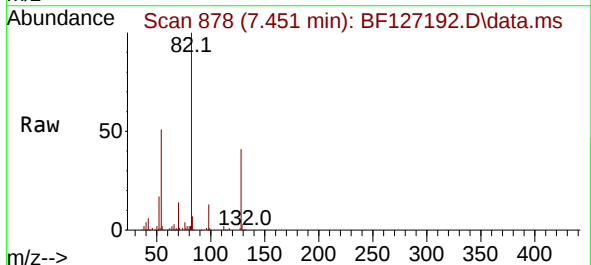
Instrument :
BNA_F
ClientSampleId :
MW-03DL

Tgt Ion: 99 Resp: 43110
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 40.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 3.142 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion: 70 Resp: 17887
Ion Ratio Lower Upper
70 100
42 42.4 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

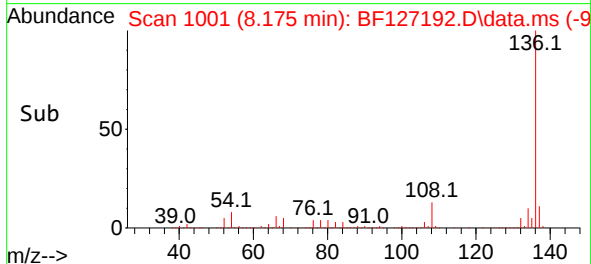
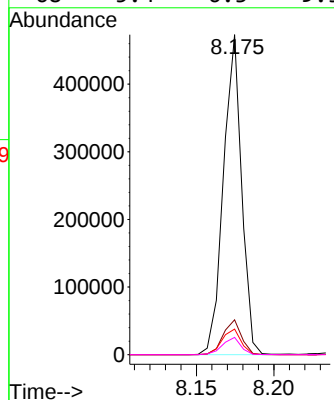
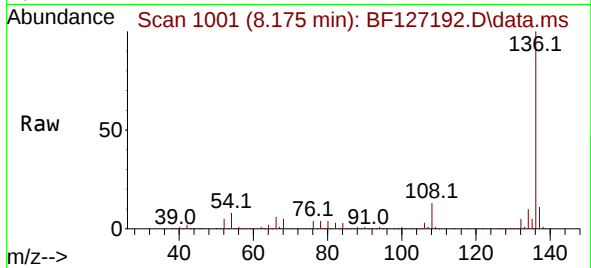




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

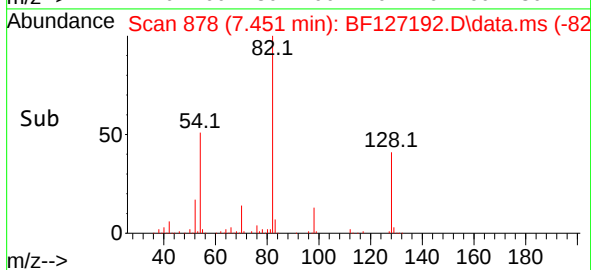
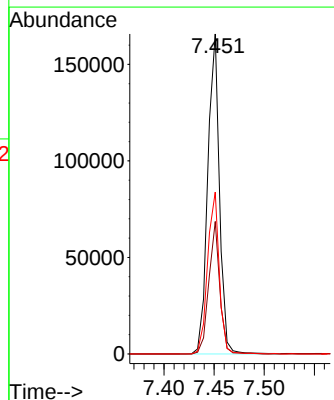
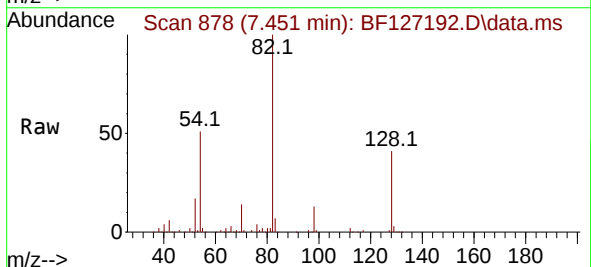
Instrument :
BNA_F
ClientSampleId :
MW-03DL

Tgt Ion:136 Resp: 386134
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 7.8 11.6
68 5.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 15.787 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion: 82 Resp: 135050
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 50.6 41.7 62.5

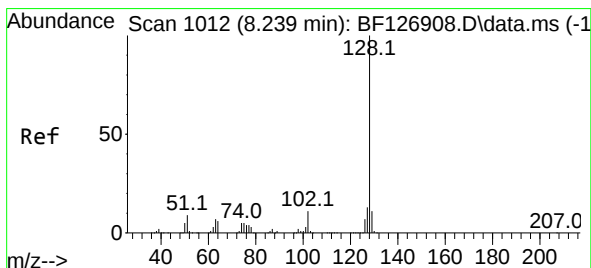
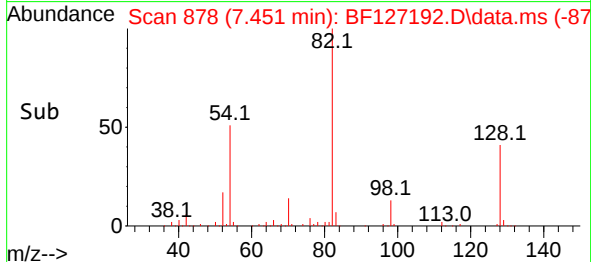
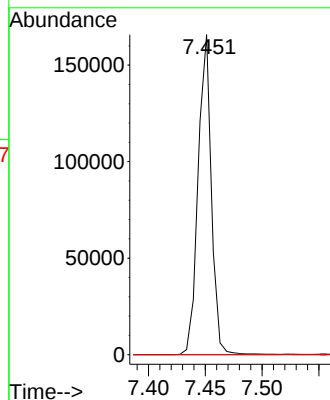
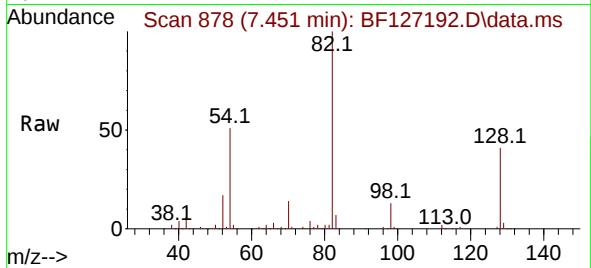




#25
Isophorone
Concen: 9.476 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

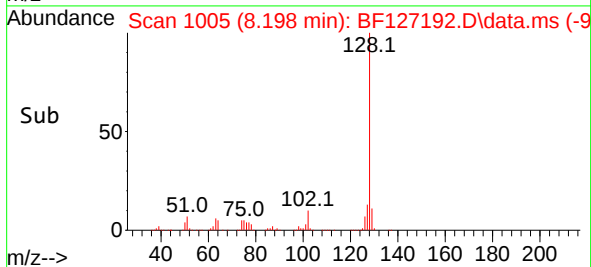
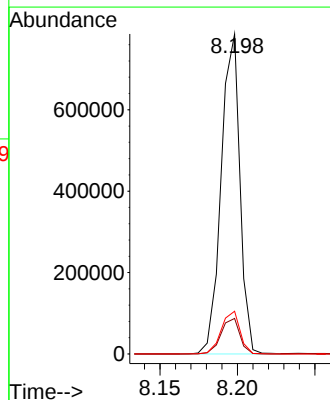
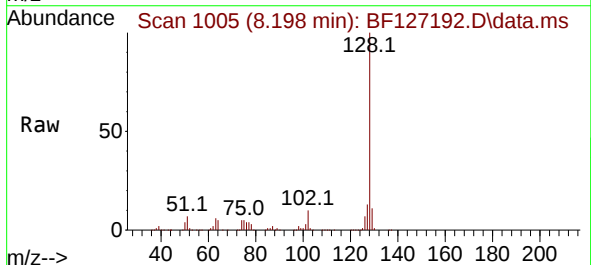
Instrument :
BNA_F
ClientSampleId :
MW-03DL

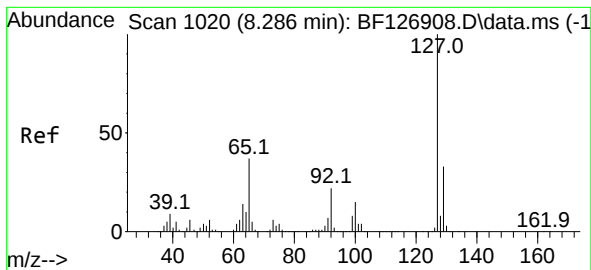
Tgt Ion: 82 Resp: 134133
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 32.847 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion: 128 Resp: 662098
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.3 15.5





#33

4-Chloroaniline

Concen: 11.130 ng

RT: 8.198 min Scan# 1105

Delta R.T. -0.047 min

Lab File: BF127192.D

Acq: 04 Mar 2022 01:08

Instrument :

BNA_F

ClientSampleId :

MW-03DL

Tgt Ion:127 Resp: 88302

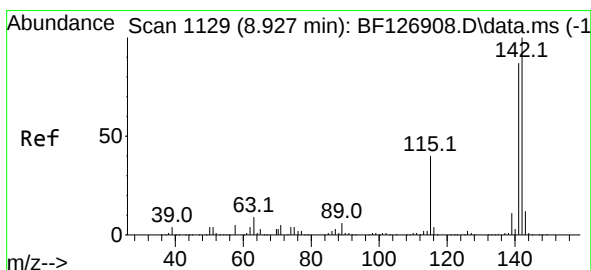
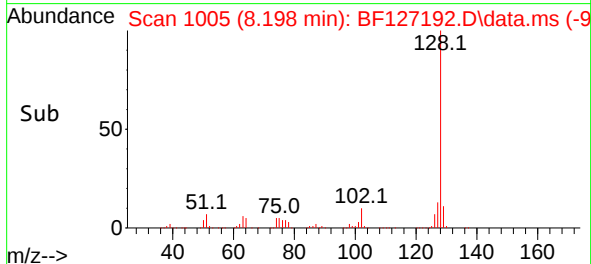
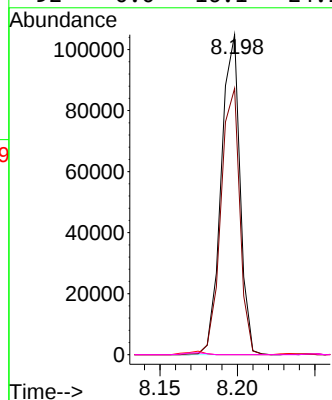
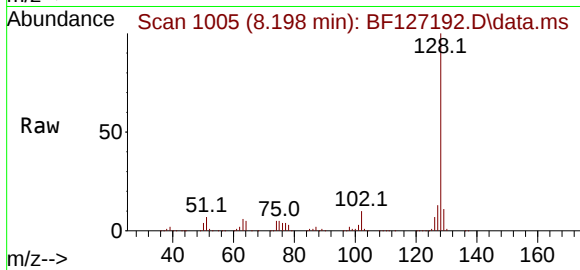
Ion Ratio Lower Upper

127 100

129 83.2 26.5 39.7#

65 0.0 26.6 39.8#

92 0.0 16.1 24.1#



#37

2-Methylnaphthalene

Concen: 3.407 ng

RT: 8.886 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF127192.D

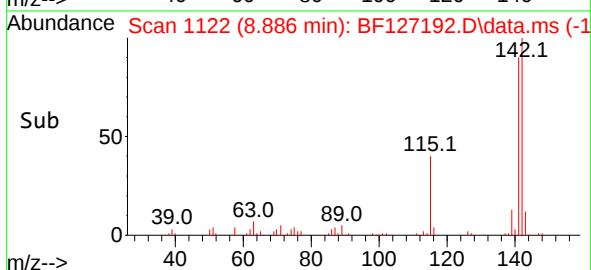
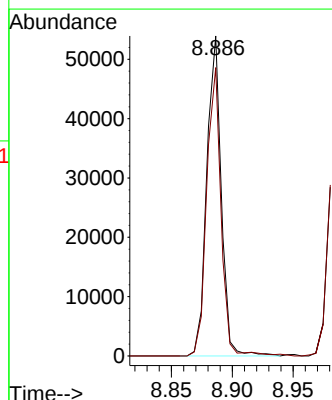
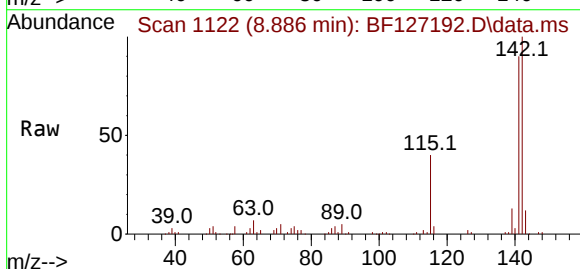
Acq: 04 Mar 2022 01:08

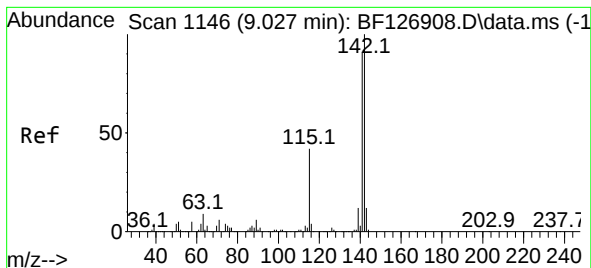
Tgt Ion:142 Resp: 44563

Ion Ratio Lower Upper

142 100

141 90.1 68.6 102.8





#38

1-Methylnaphthalene

Concen: 2.466 ng

RT: 8.986 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127192.D

Acq: 04 Mar 2022 01:08

Instrument :

BNA_F

ClientSampleId :

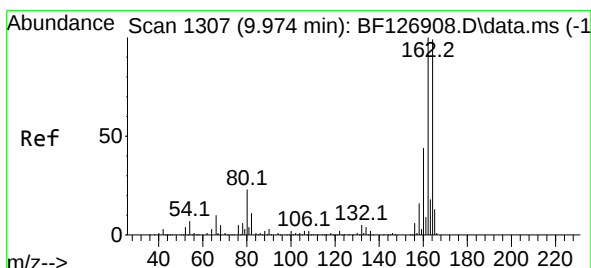
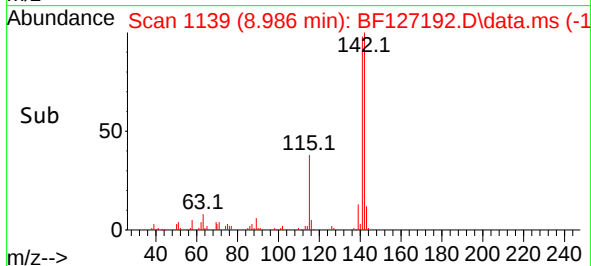
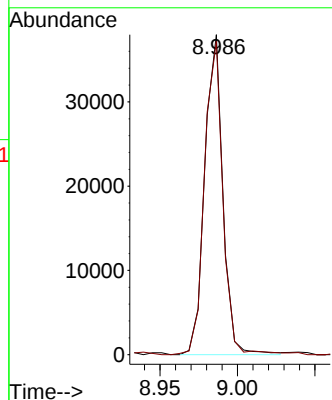
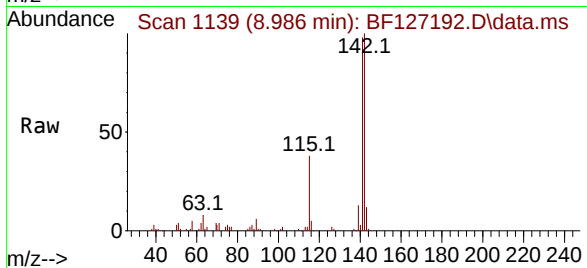
MW-03DL

Tgt Ion:142 Resp: 30884

Ion Ratio Lower Upper

142 100

141 97.9 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127192.D

Acq: 04 Mar 2022 01:08

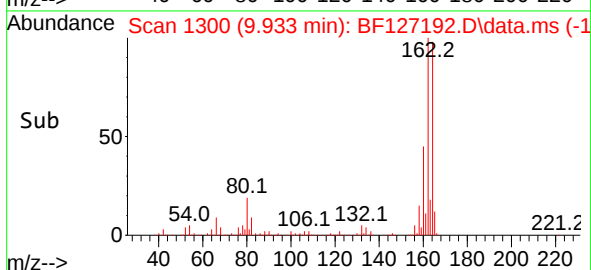
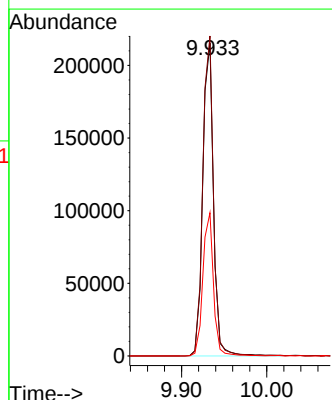
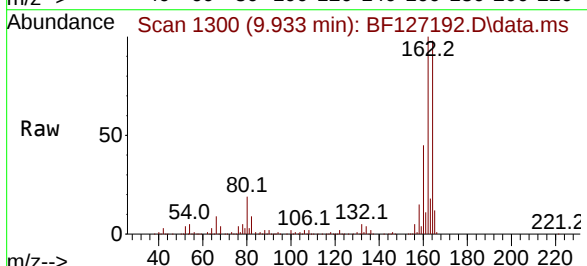
Tgt Ion:164 Resp: 188096

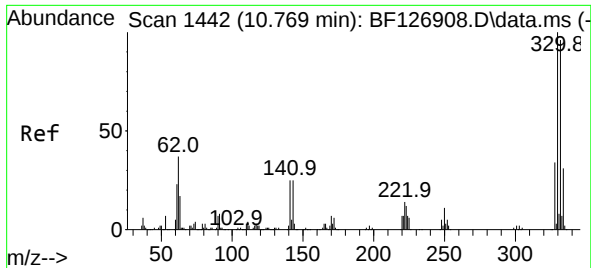
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 12.414 ng

RT: 10.722 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127192.D

Acq: 04 Mar 2022 01:08

Instrument :

BNA_F

ClientSampleId :

MW-03DL

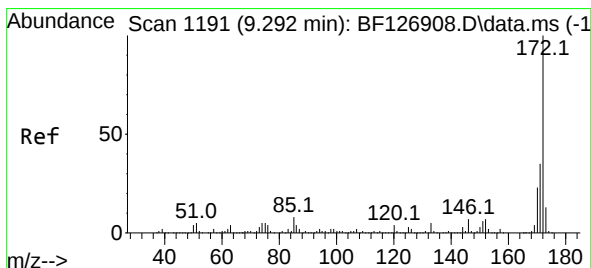
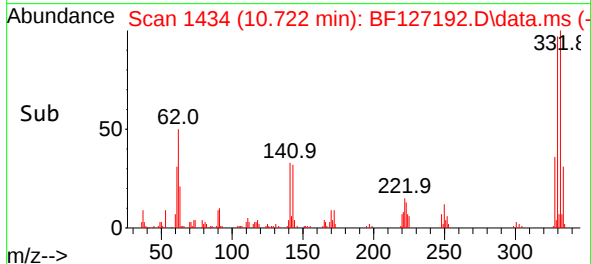
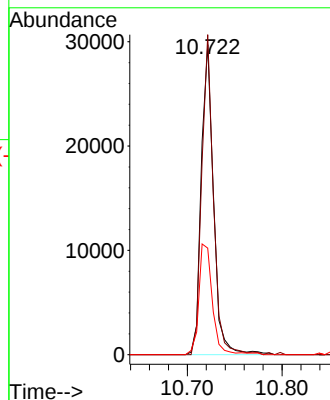
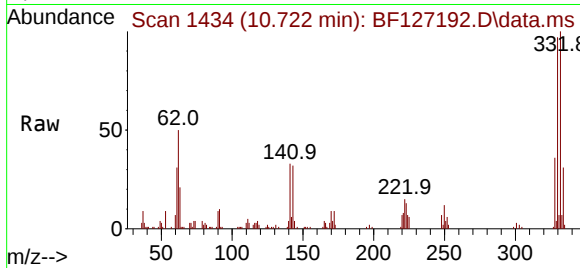
Tgt Ion:330 Resp: 26885

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 39.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 16.688 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF127192.D

Acq: 04 Mar 2022 01:08

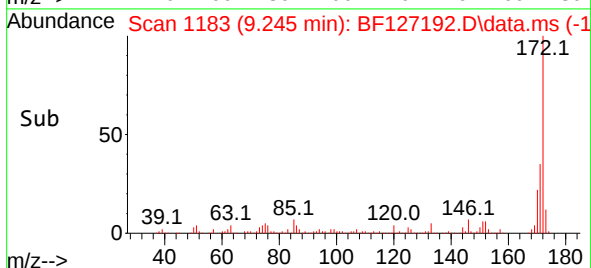
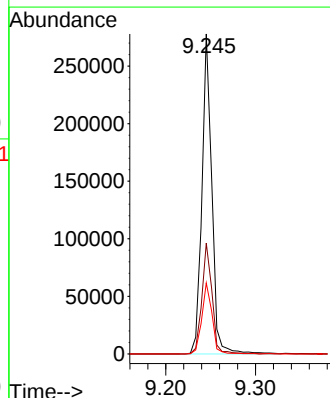
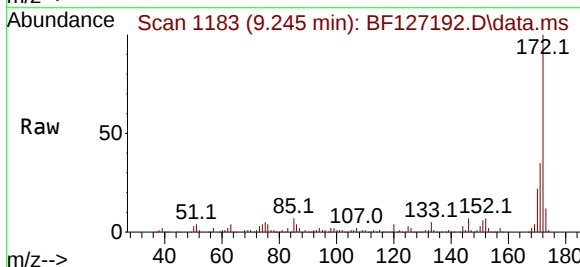
Tgt Ion:172 Resp: 213222

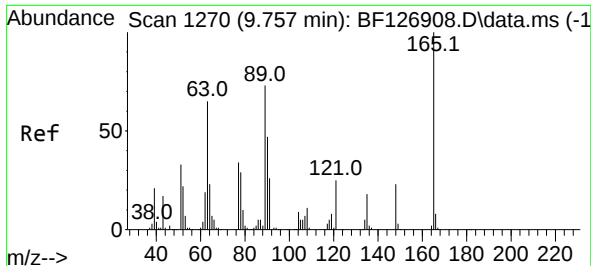
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.2 19.0 28.6

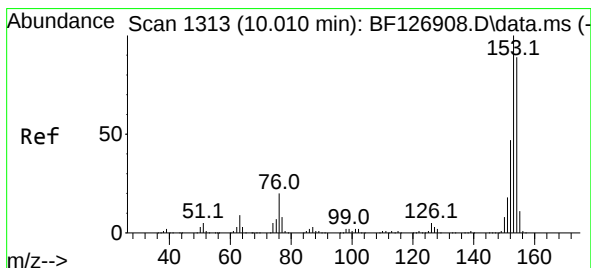
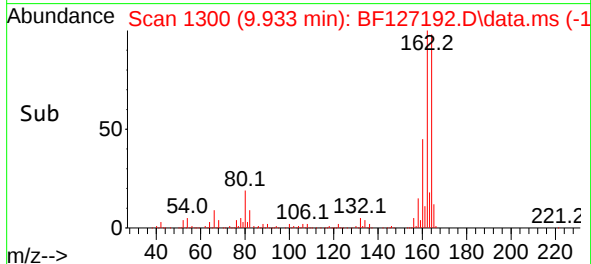
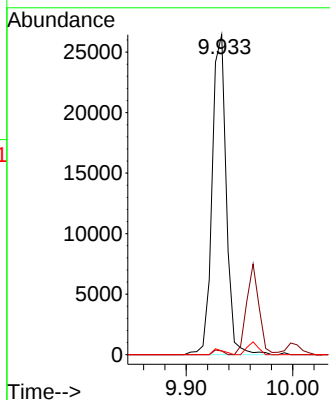
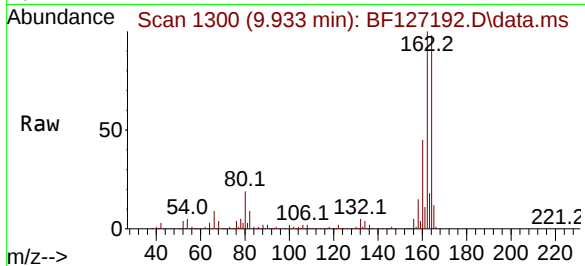




#51
2,6-Dinitrotoluene
Concen: 8.894 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

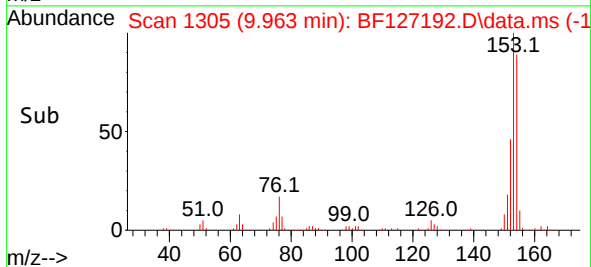
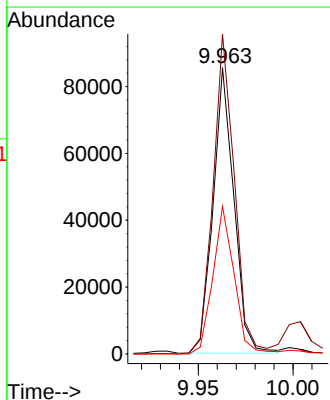
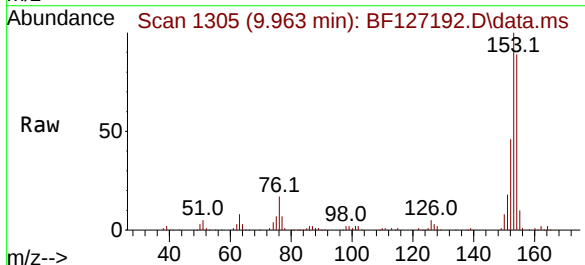
Instrument :
BNA_F
ClientSampleId :
MW-03DL

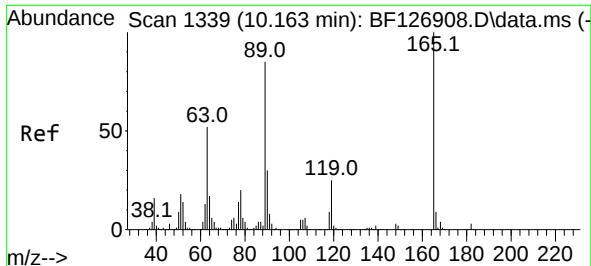
Tgt Ion:165 Resp: 24330
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.2 50.5 75.7#



#52
Acenaphthene
Concen: 5.623 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion:154 Resp: 65642
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.6
152 51.5 39.4 59.2

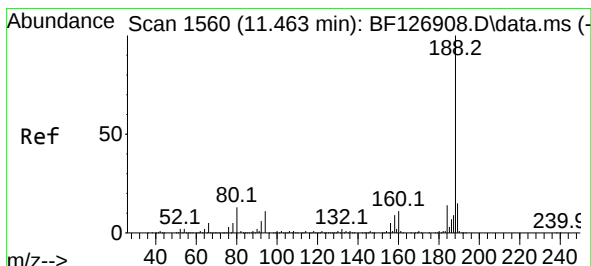
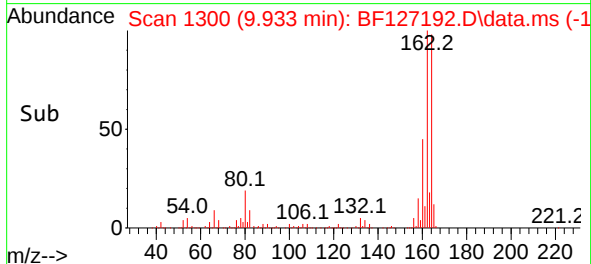
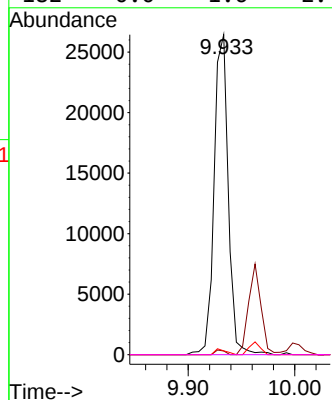
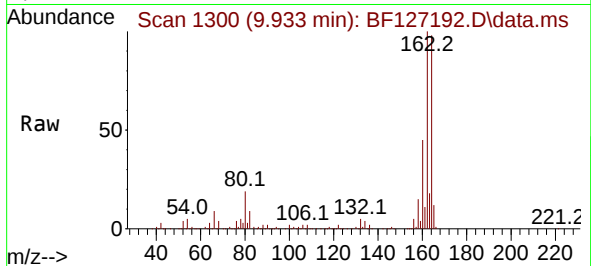




#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

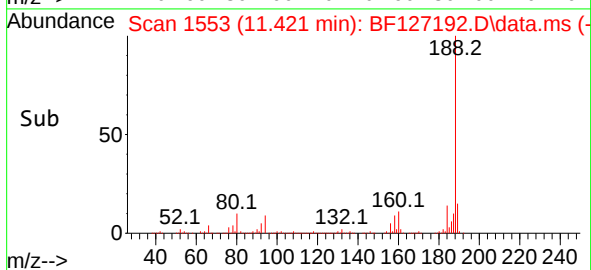
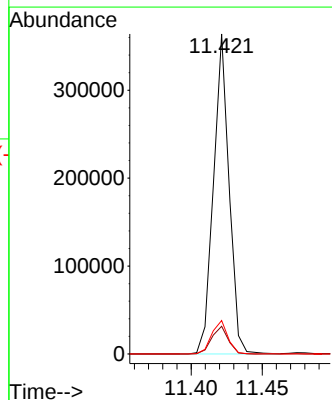
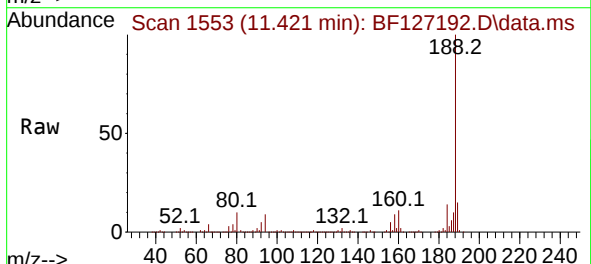
Instrument :
BNA_F
ClientSampleId :
MW-03DL

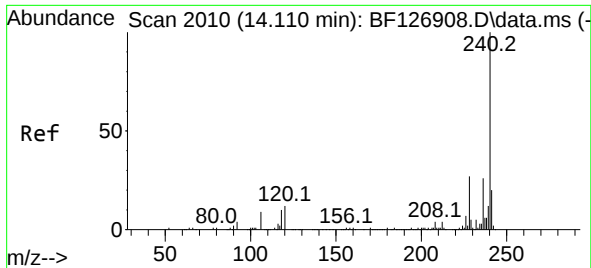
Tgt Ion:165 Resp: 24330
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion:188 Resp: 278400
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.4 11.8 17.6#

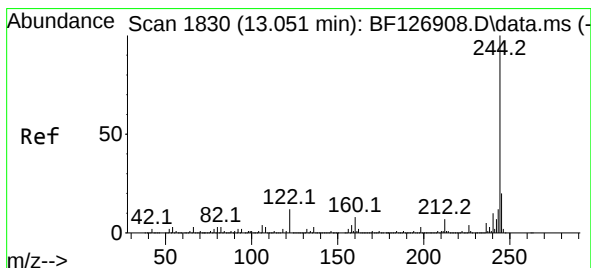
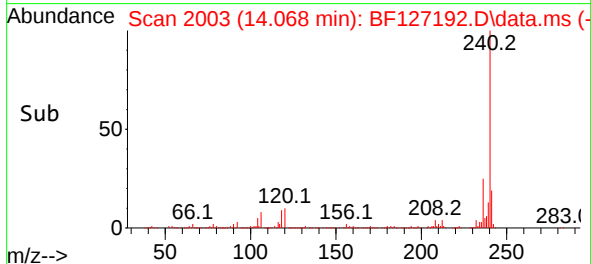
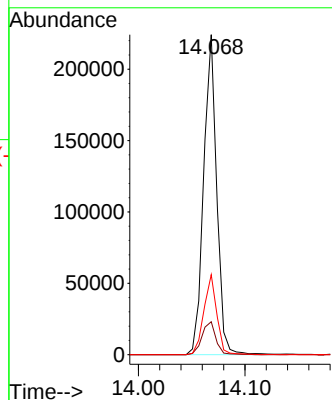
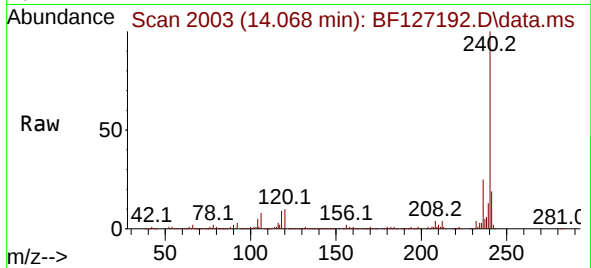




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

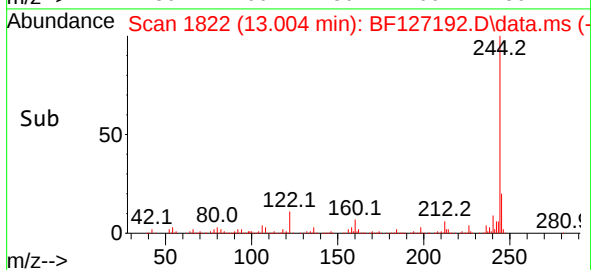
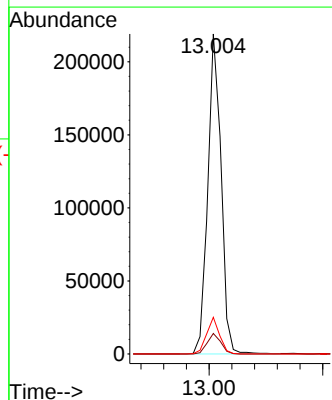
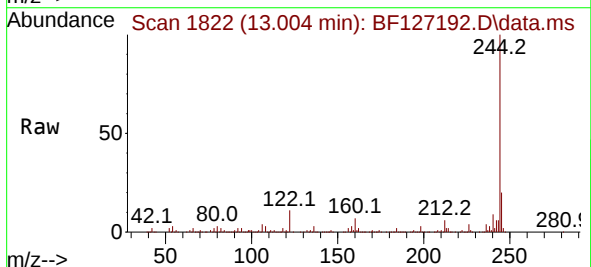
Instrument :
BNA_F
ClientSampleId :
MW-03DL

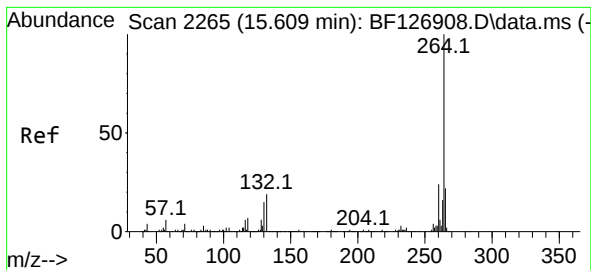
Tgt Ion:240 Resp: 192138
Ion Ratio Lower Upper
240 100
120 10.3 14.4 21.6#
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 13.575 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Tgt Ion:244 Resp: 177424
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 11.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127192.D
Acq: 04 Mar 2022 01:08

Instrument :
BNA_F
ClientSampleId :
MW-03DL

Tgt Ion:264 Resp: 159355

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	19.7	17.4	26.2

