

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127118.D
 Acq On : 01 Mar 2022 16:09
 Operator : CG\JU
 Sample : N1688-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Mar 02 00:01:00 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)

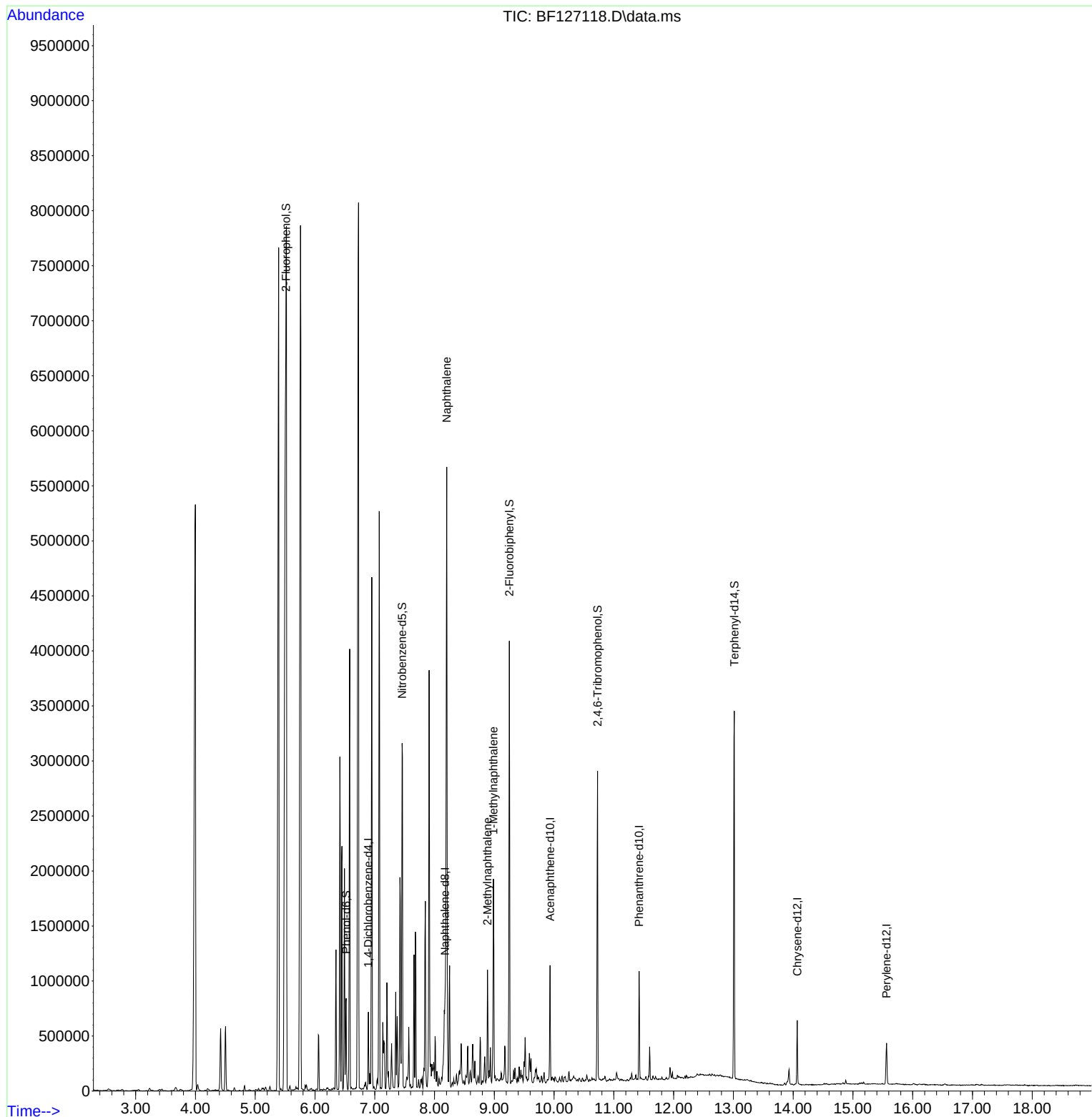
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85666	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	339402	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	175685	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	318083	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	165064	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	152451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	286215	51.638	ng	0.00
7) Phenol-d6	6.522	99	274771	36.739	ng	0.00
23) Nitrobenzene-d5	7.457	82	688822	91.607	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	321511	158.946	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1121528	93.979	ng	0.00
79) Terphenyl-d14	13.015	244	1159877	103.297	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.204	128	2628545	148.360	ng	97
37) 2-Methylnaphthalene	8.886	142	220856	19.211	ng	96
38) 1-Methylnaphthalene	8.986	142	358529	32.567	ng	99

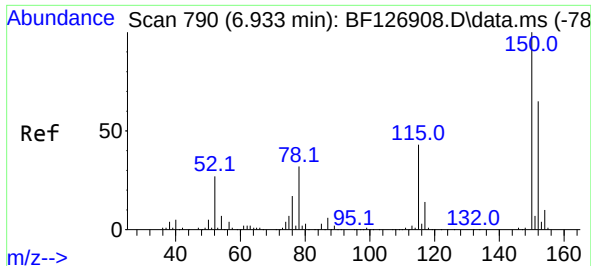
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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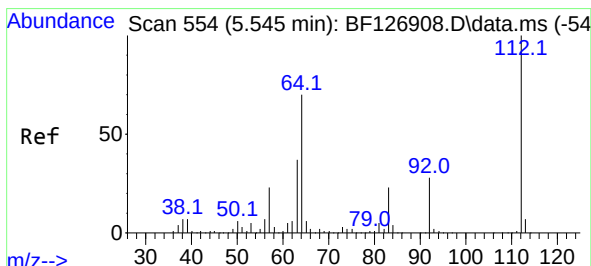
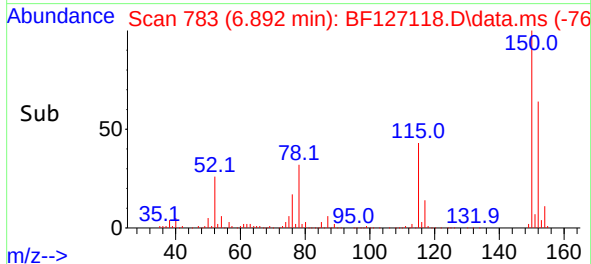
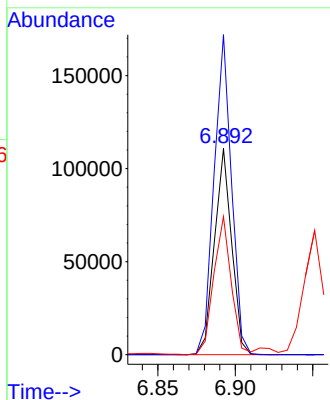
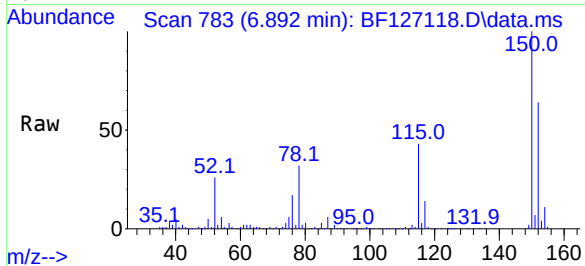




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

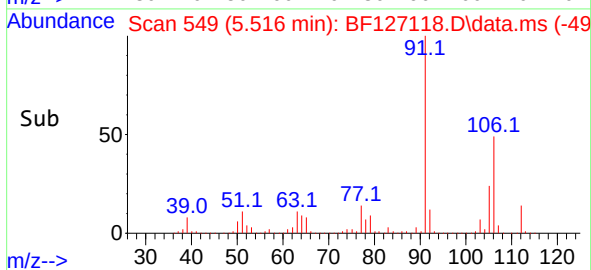
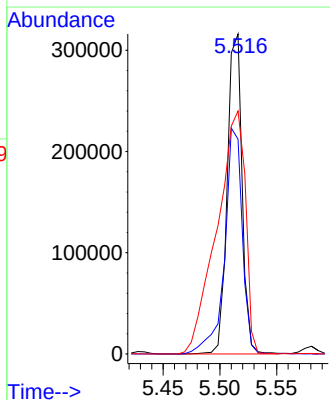
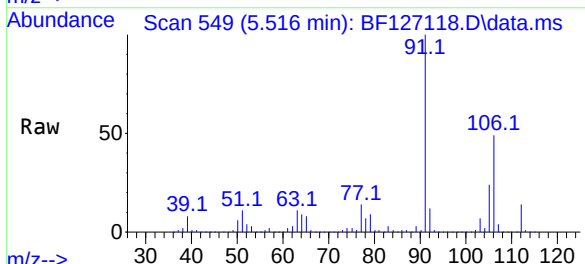
Instrument :
BNA_F
ClientSampleId :
MW-25

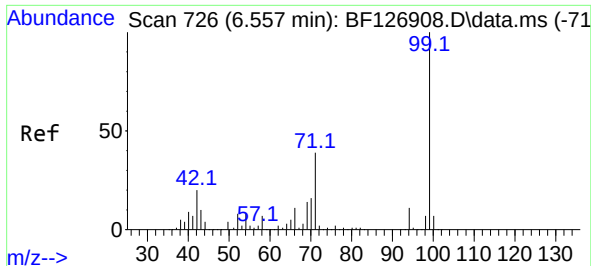
Tgt Ion:152 Resp: 85666
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 67.0 56.7 85.1



#5
2-Fluorophenol
Concen: 51.638 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:112 Resp: 286215
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 76.0 23.9 35.9#

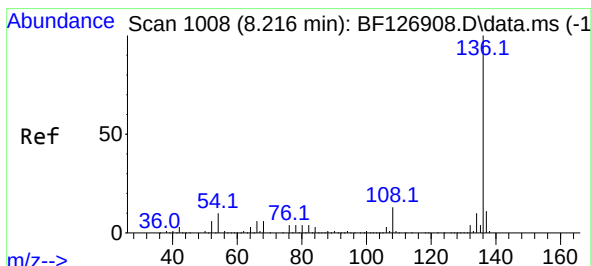
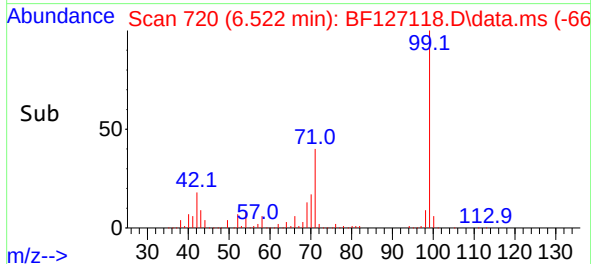
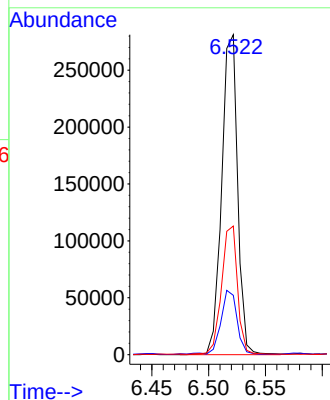
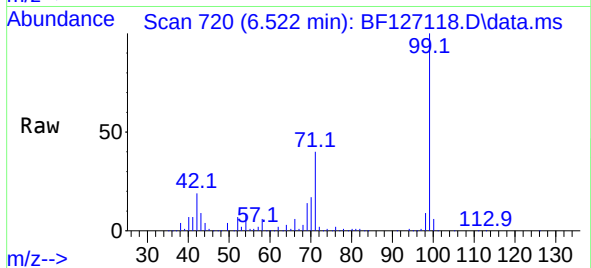




#7
Phenol-d6
Concen: 36.739 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

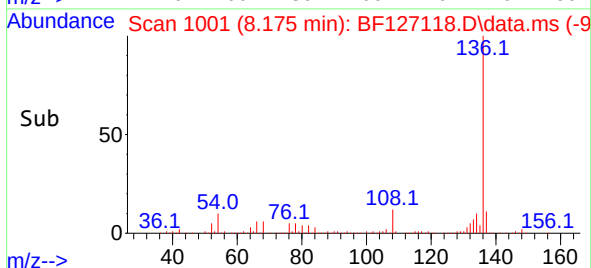
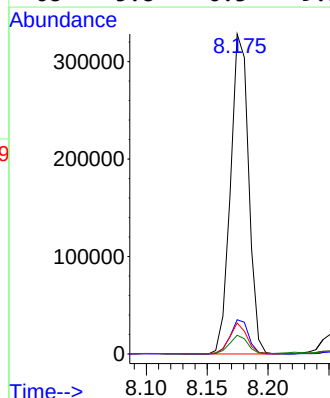
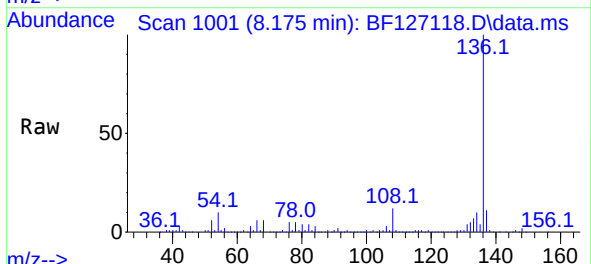
Instrument :
BNA_F
ClientSampleId :
MW-25

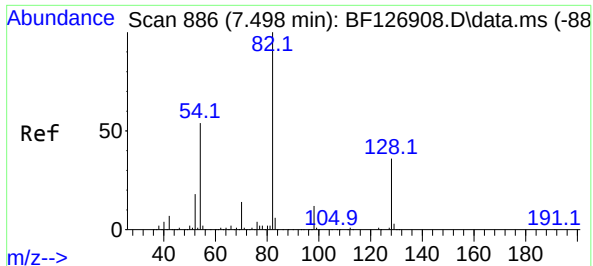
Tgt Ion: 99 Resp: 274771
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 40.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:136 Resp: 339402
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 7.8 11.6
68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 91.607 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-25

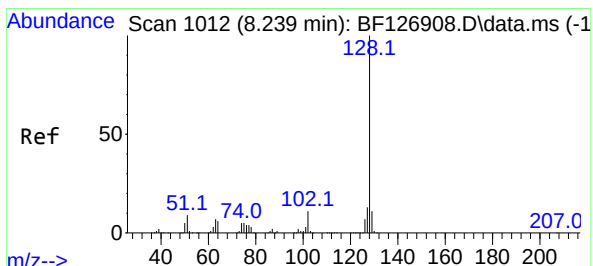
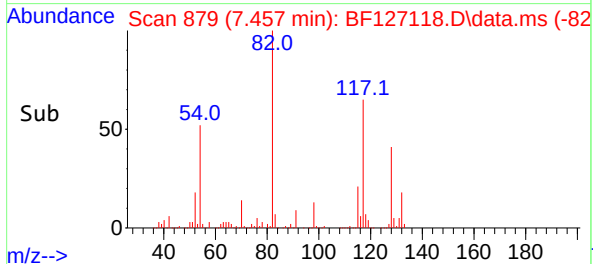
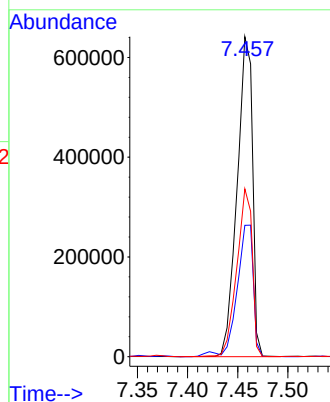
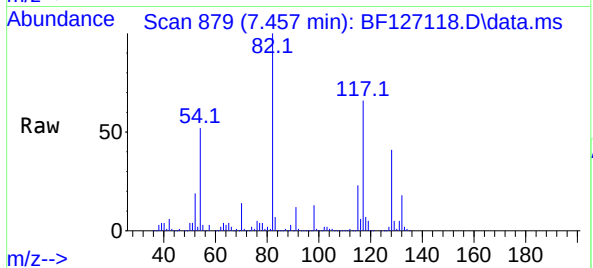
Tgt Ion: 82 Resp: 688822

Ion Ratio Lower Upper

82 100

128 41.1 32.7 49.1

54 52.4 41.7 62.5



#31

Naphthalene

Concen: 148.360 ng

RT: 8.204 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

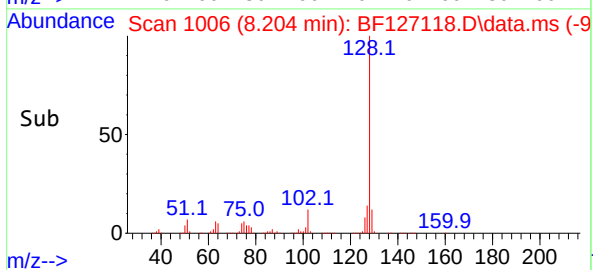
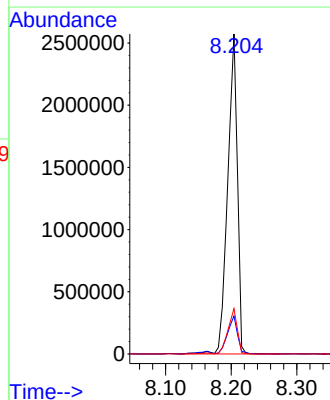
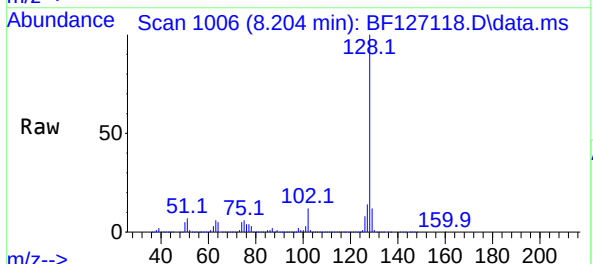
Tgt Ion:128 Resp: 2628545

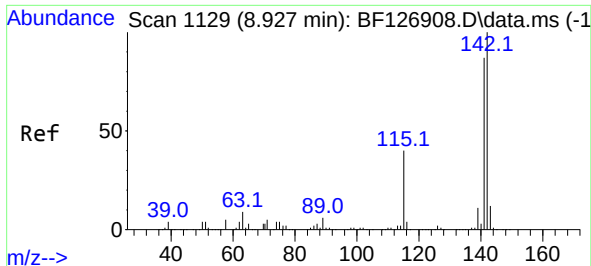
Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

127 14.1 10.3 15.5





#37

2-Methylnaphthalene

Concen: 19.211 ng

RT: 8.886 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

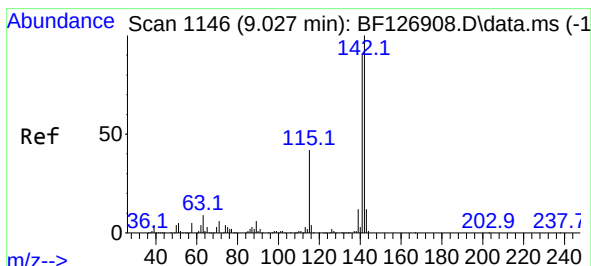
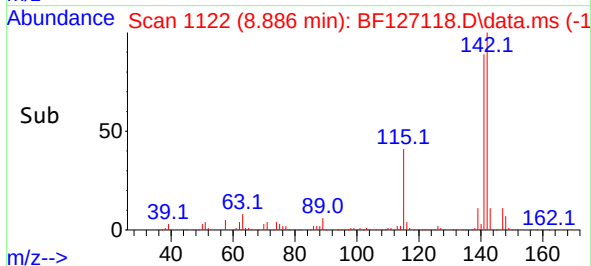
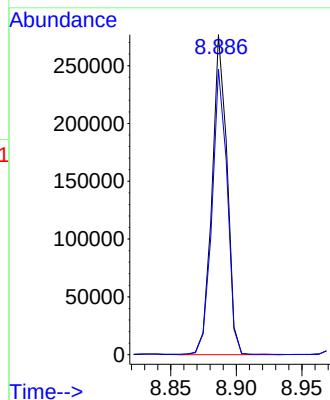
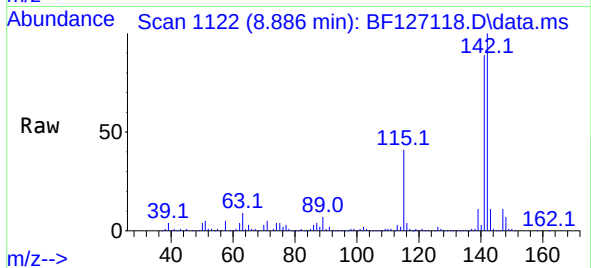
MW-25

Tgt Ion:142 Resp: 220856

Ion Ratio Lower Upper

142 100

141 89.2 68.6 102.8



#38

1-Methylnaphthalene

Concen: 32.567 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127118.D

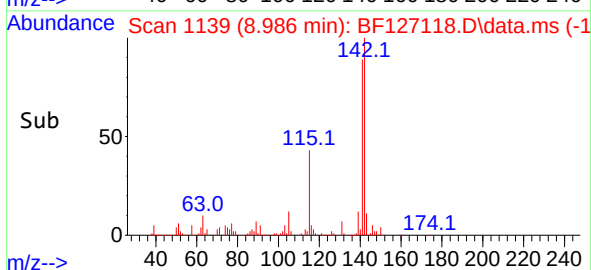
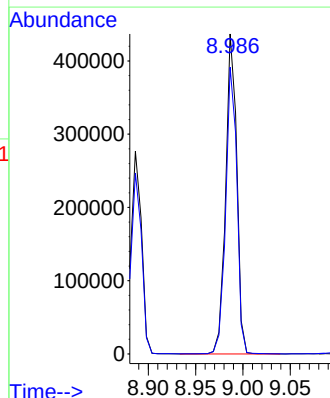
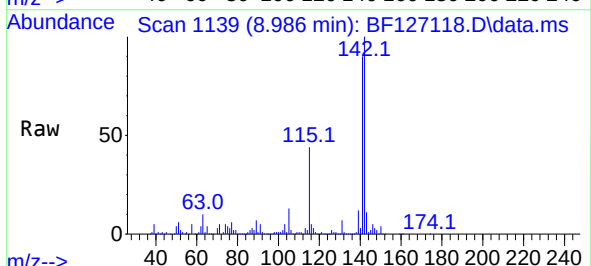
Acq: 01 Mar 2022 16:09

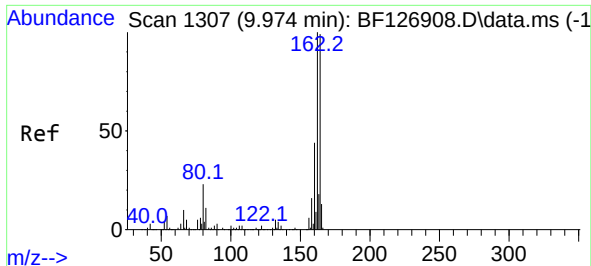
Tgt Ion:142 Resp: 358529

Ion Ratio Lower Upper

142 100

141 89.6 72.1 108.1

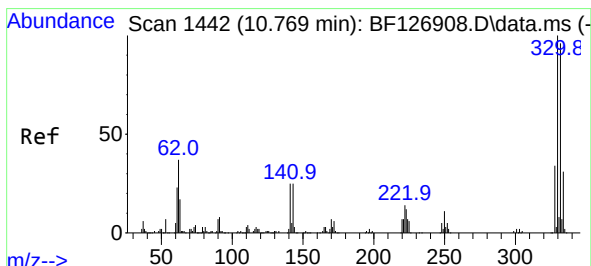
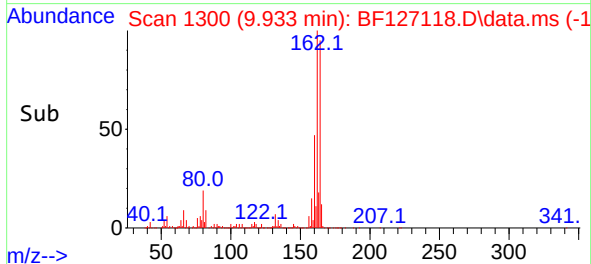
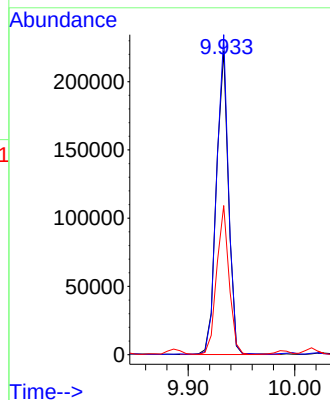
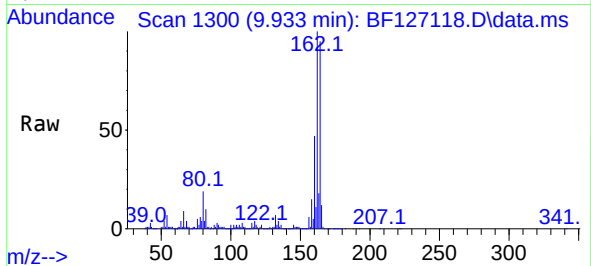




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

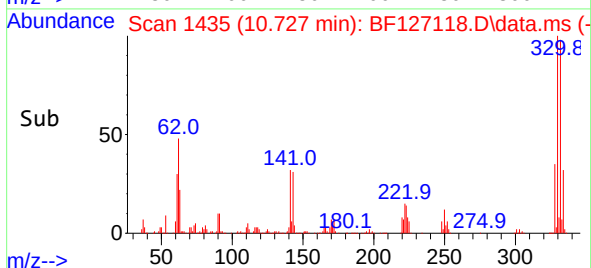
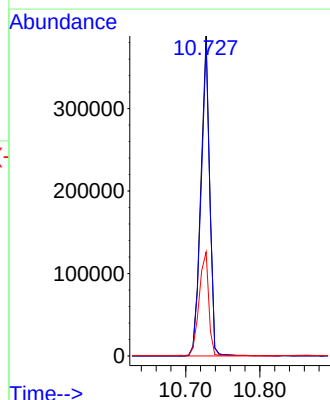
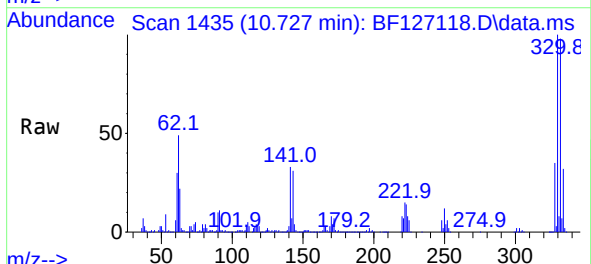
Instrument :
BNA_F
ClientSampleId :
MW-25

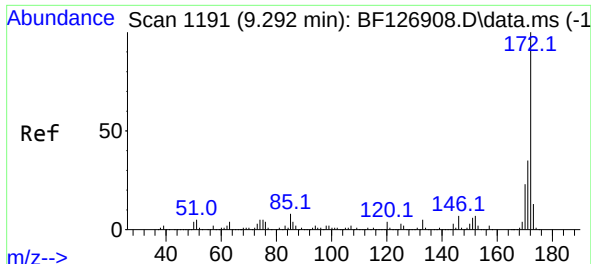
Tgt Ion:164 Resp: 175685
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 49.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 158.946 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:330 Resp: 321511
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 35.2 30.1 45.1

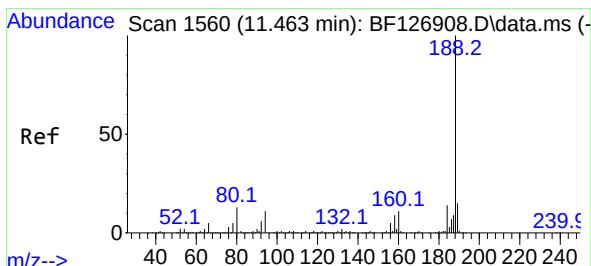
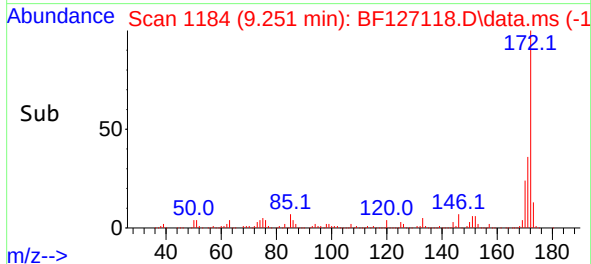
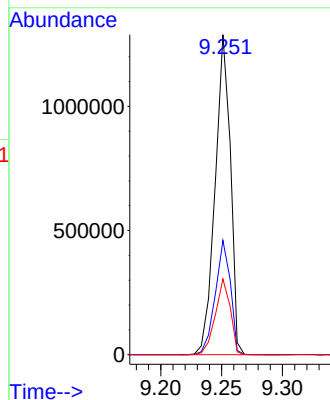
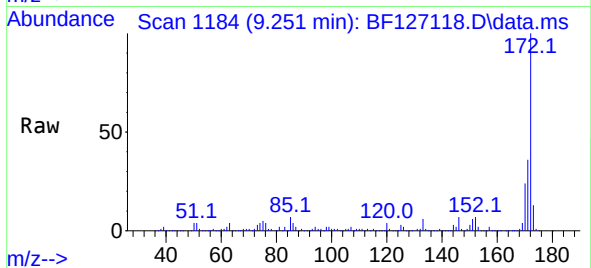




#45
2-Fluorobiphenyl
Concen: 93.979 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

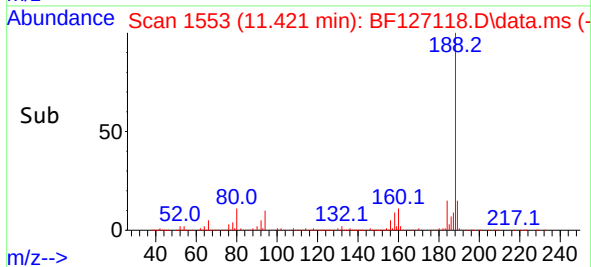
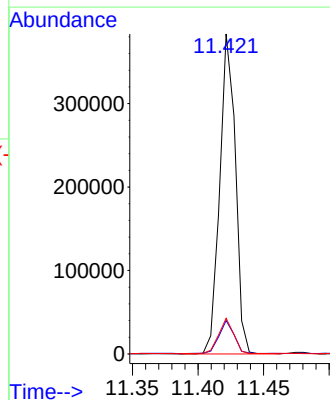
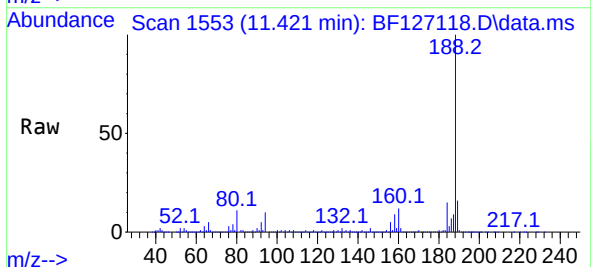
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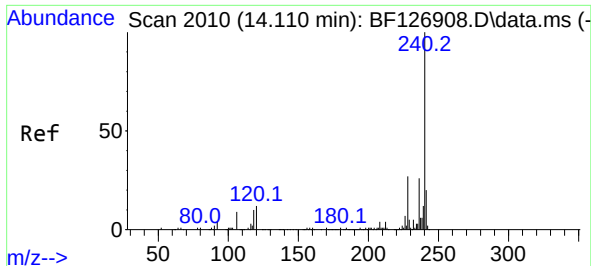
Tgt Ion:172 Resp: 1121528
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:188 Resp: 318083
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 11.1 11.8 17.6#

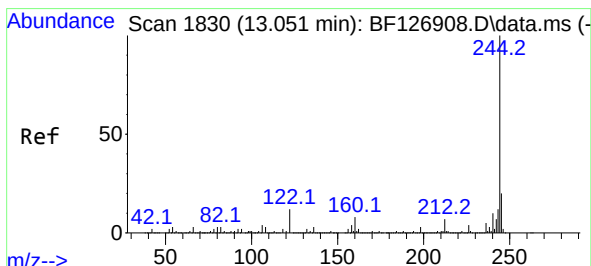
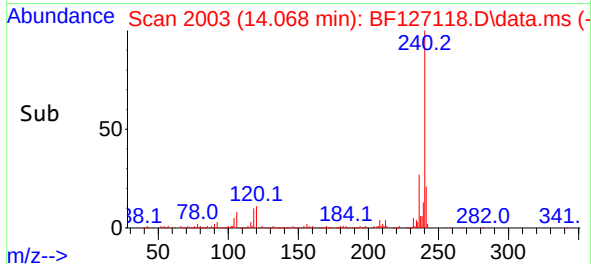
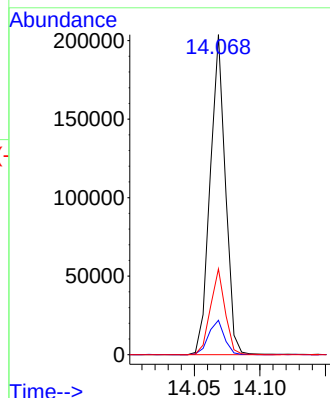
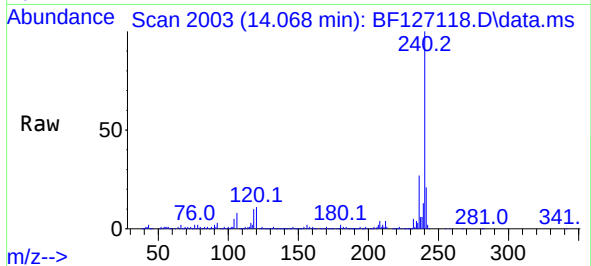




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

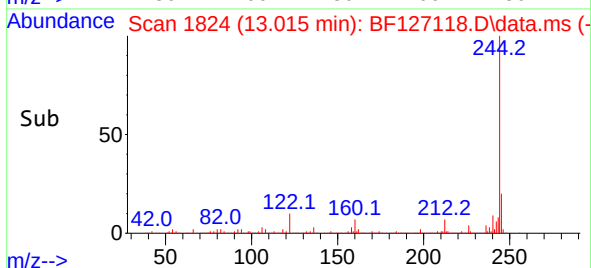
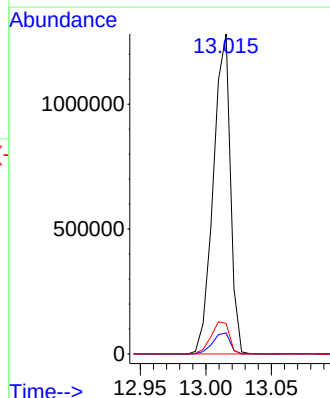
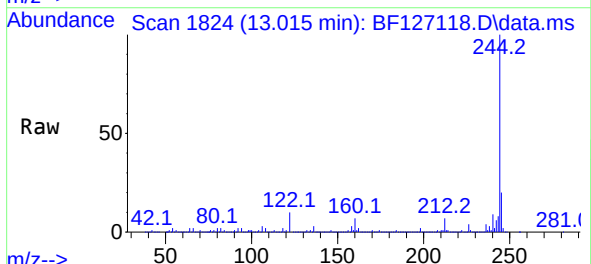
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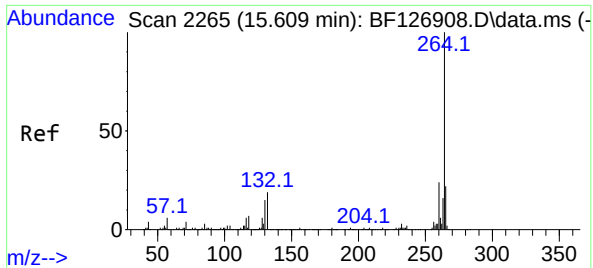
Tgt Ion:240 Resp: 165064
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 26.8 20.5 30.7



#79
Terphenyl-d14
Concen: 103.297 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:244 Resp: 1159877
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.5 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: BF127118.D
Acq: 01 Mar 2022 16:09

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:264 Resp: 152451
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 23.8 17.4 26.2

