

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120670.D
 Acq On : 19 Jun 2020 18:19
 Operator : JU/CG
 Sample : L3020-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)

Quant Time: Jun 20 02:31:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

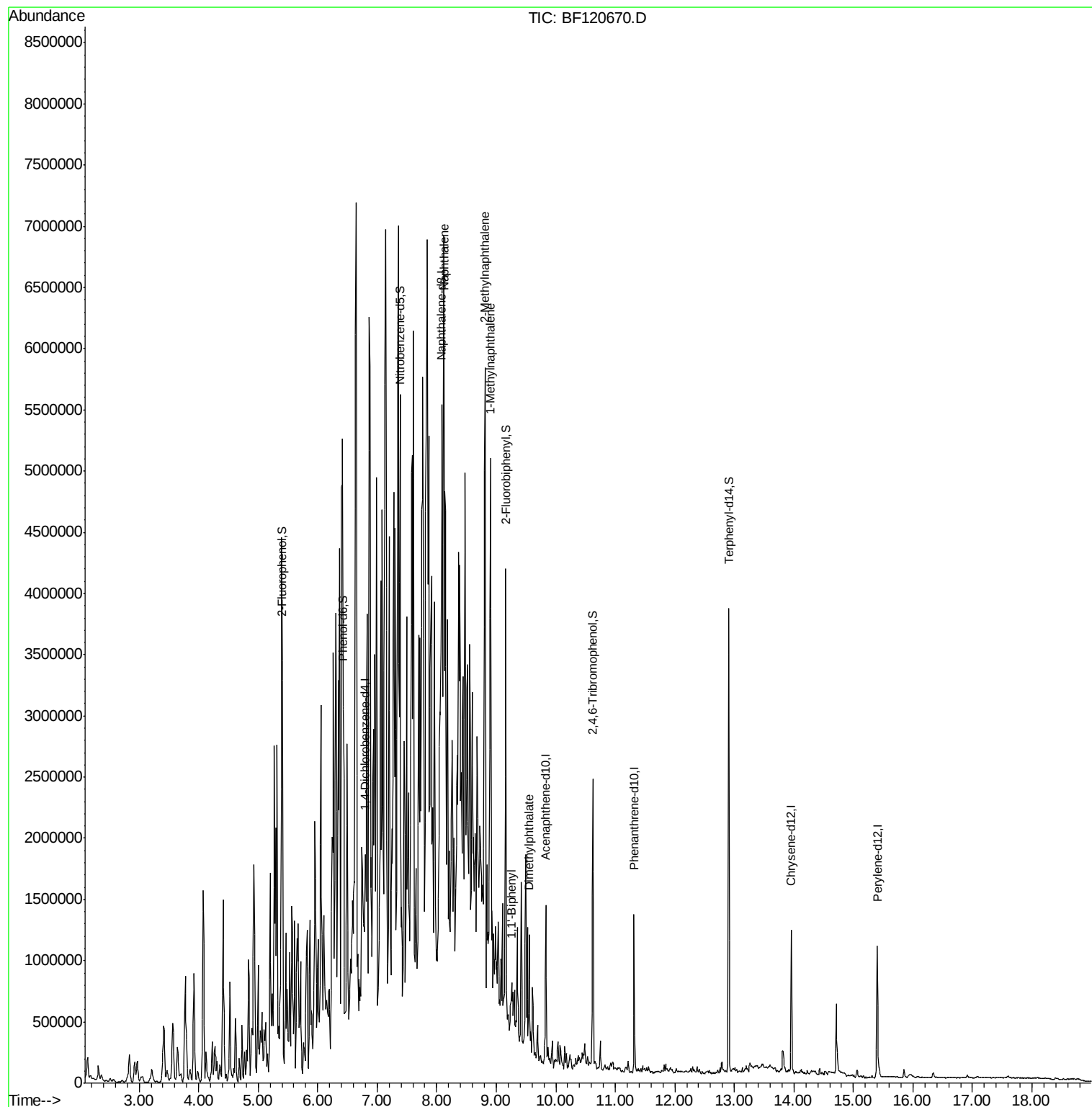
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108317	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	286963	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	238024	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	507514	20.00	ng	0.00
76) Chrysene-d12	13.96	240	428823	20.00	ng	0.00
86) Perylene-d12	15.40	264	494534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	704864	111.57	ng	0.00
7) Phenol-d6	6.43	99	777214	98.77	ng	0.00
23) Nitrobenzene-d5	7.37	82	504892	98.35	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	309980	112.01	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1155242	74.26	ng	0.00
79) Terphenyl-d14	12.91	244	1442730	74.32	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	2630790	186.702	ng	96
37) 2-Methylnaphthalene	8.81	142	2120835	230.561	ng	96
38) 1-Methylnaphthalene	8.90	142	1250649	144.489	ng	# 97
46) 1,1'-Biphenyl	9.26	154	97903	5.508	ng	98
50) Dimethylphthalate	9.55	163	278588	16.251	ng	98

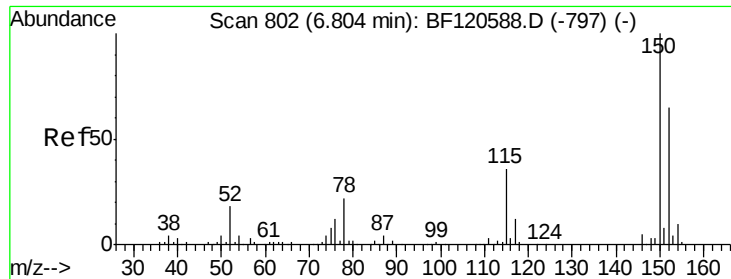
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

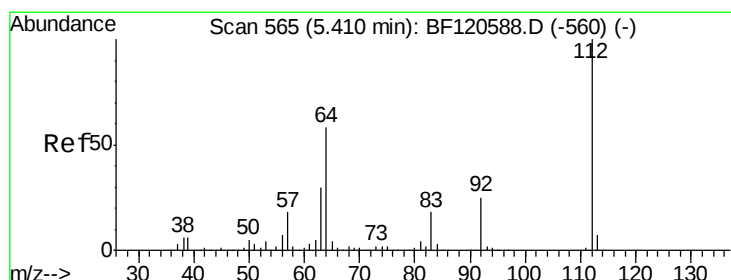
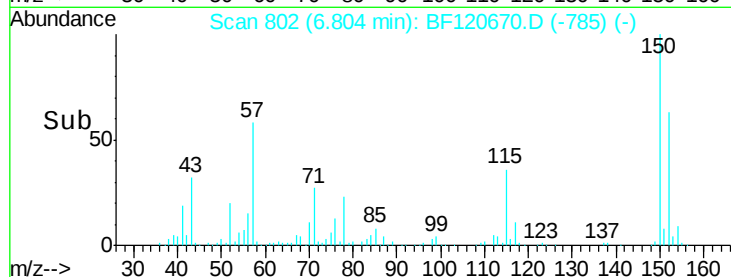
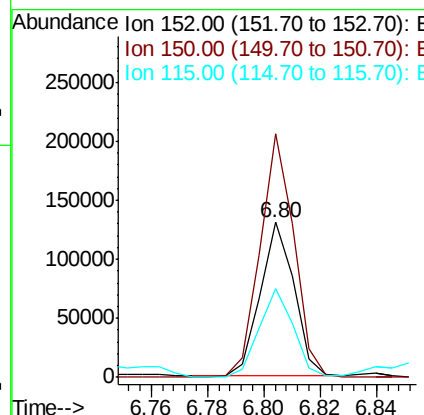
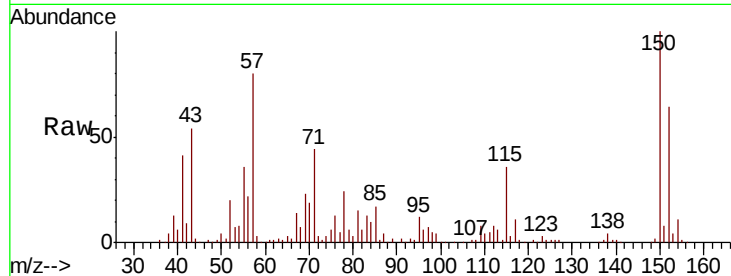




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF120670.D
 Acq: 19 Jun 2020 18:19

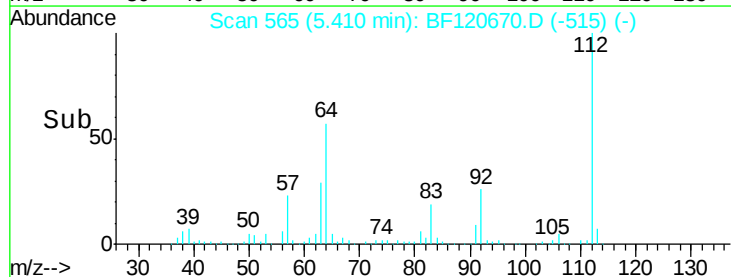
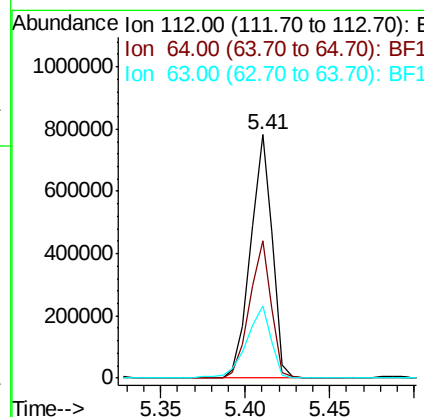
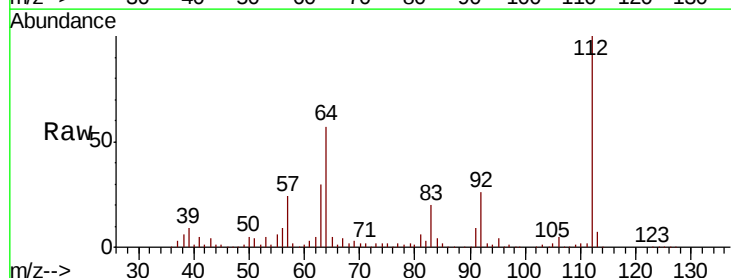
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)

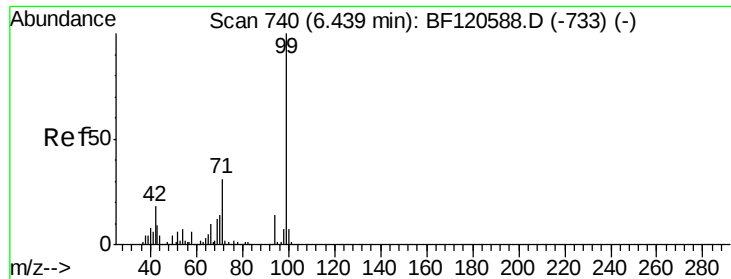
Tot Ion:152 Resp: 108317
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.2 184.8
 115 57.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 111.567 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120670.D
 Acq: 19 Jun 2020 18:19

Tgt Ion:112 Resp: 704864
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.1 69.1
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 98.770 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120670.D

Acq: 19 Jun 2020 18:19

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)

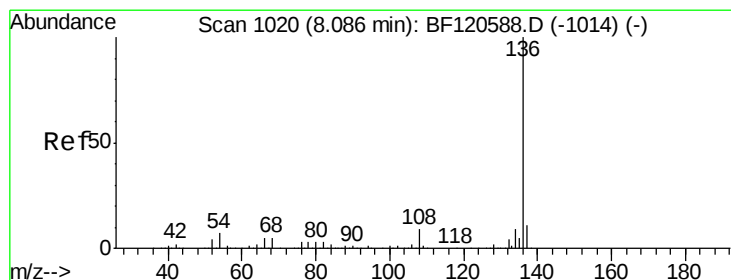
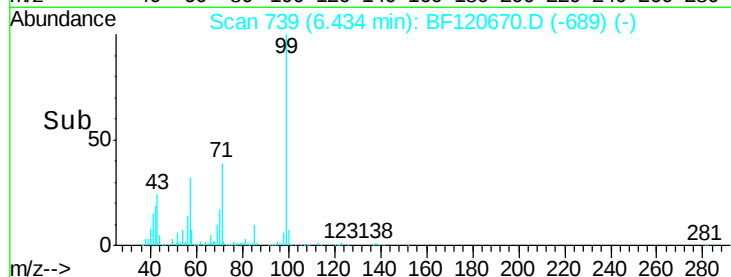
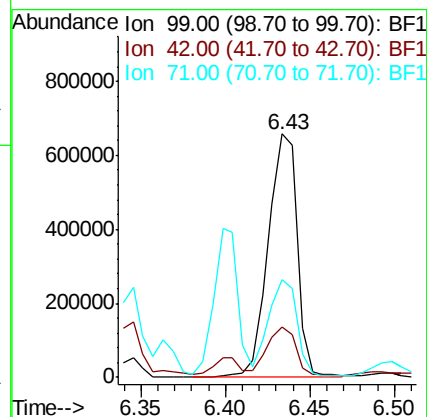
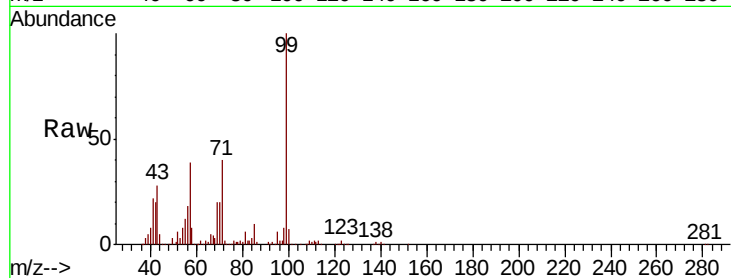
Tot Ion: 99 Resp: 777214

Ion Ratio Lower Upper

99 100

42 20.4 14.0 21.0

71 40.0 24.9 37.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF120670.D

Acq: 19 Jun 2020 18:19

Tgt Ion: 136 Resp: 286963

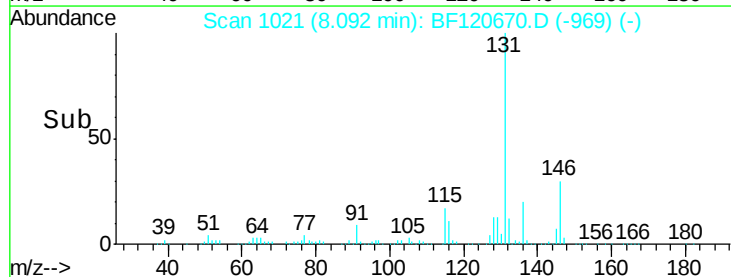
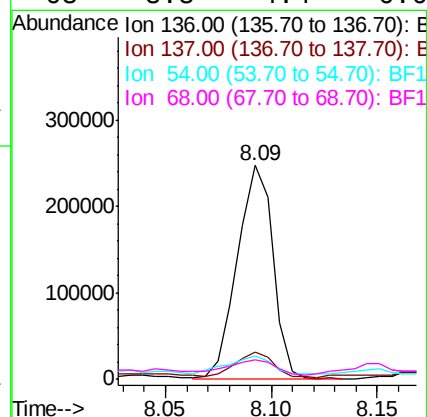
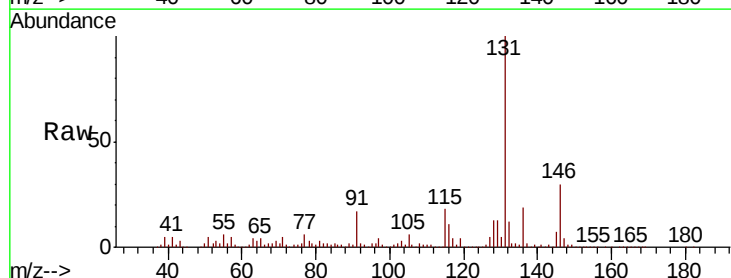
Ion Ratio Lower Upper

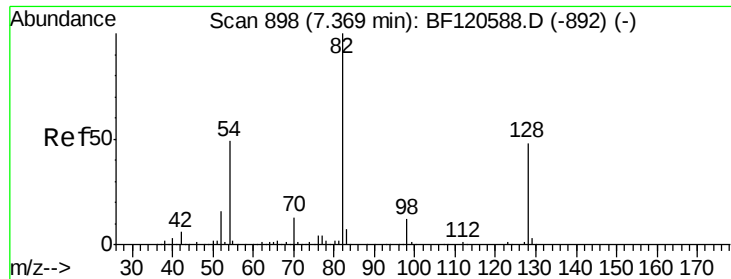
136 100

137 12.4 8.6 13.0

54 10.7 5.8 8.6#

68 8.8 4.4 6.6#

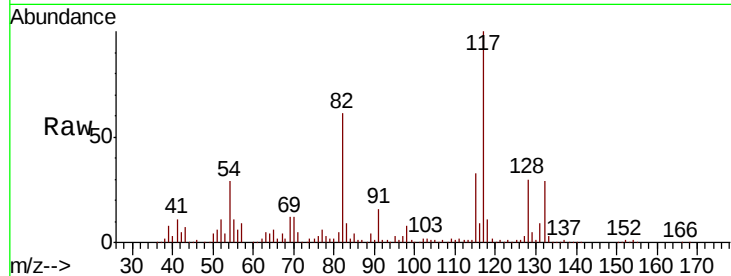




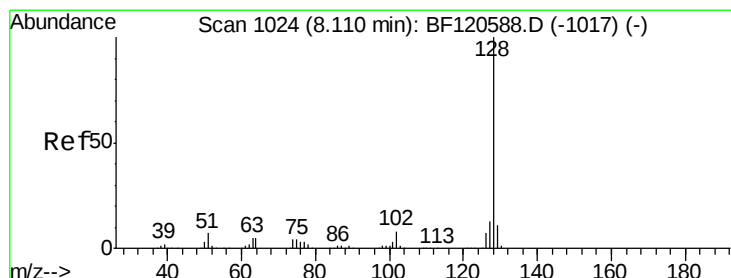
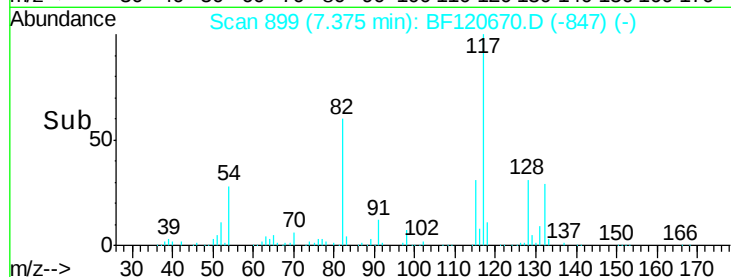
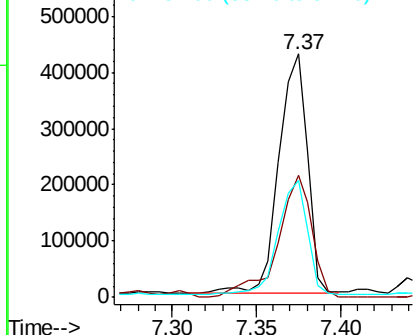
#23
Nitrobenzene-d5
Concen: 98.346 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)

Tot Ion	82	Resp	504892
Ion Ratio	Lower	Upper	
82	100		
128	50.1	38.0	57.0
54	48.0	38.8	58.2

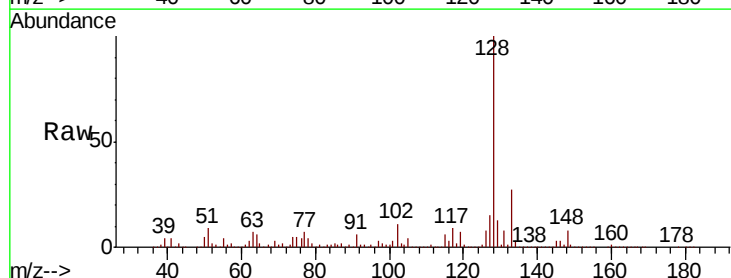


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

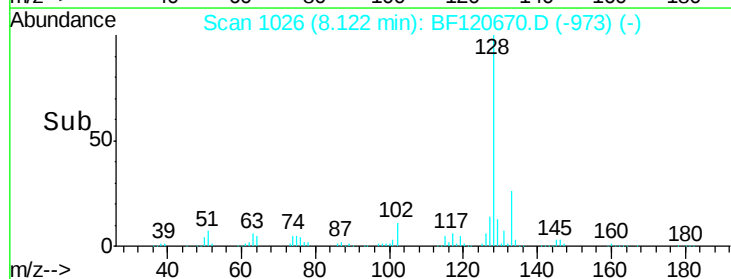
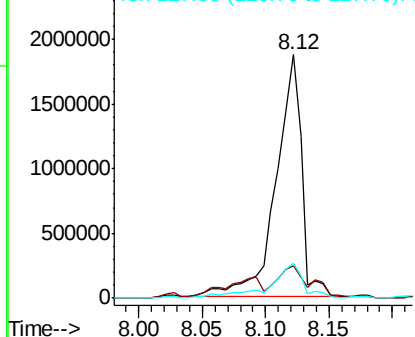


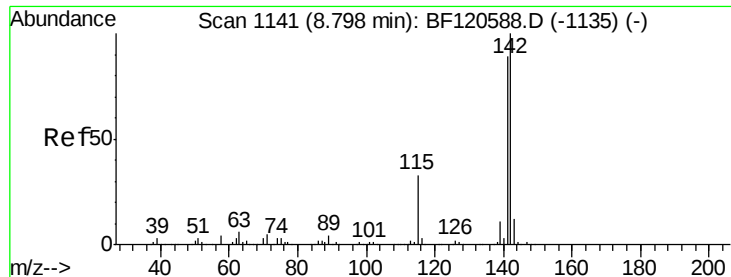
#31
Naphthalene
Concen: 186.702 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Tgt Ion	128	Resp	2630790
Ion Ratio	Lower	Upper	
128	100		
129	13.1	8.8	13.2
127	14.6	10.6	15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

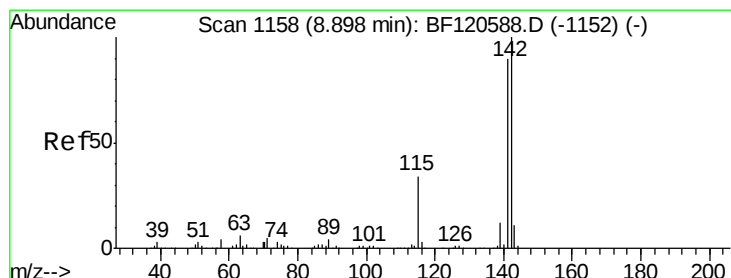
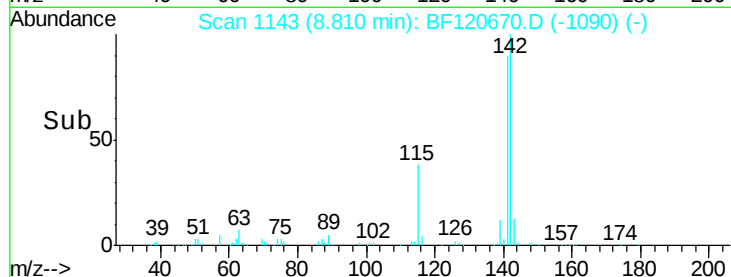
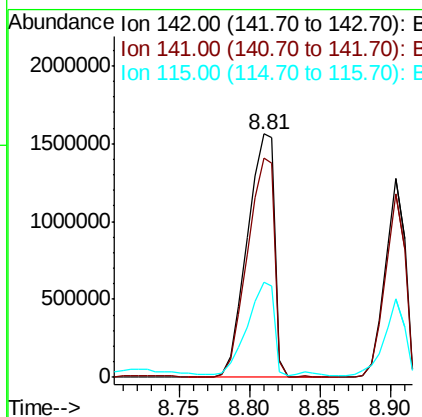
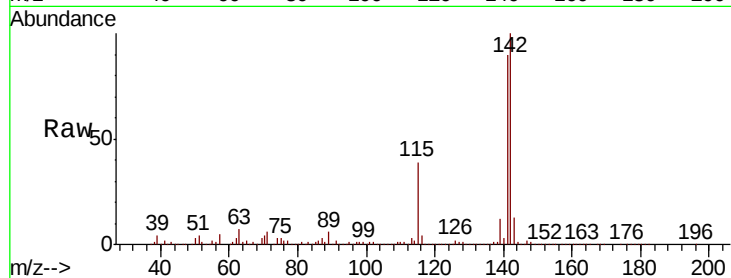




#37
2-Methylnaphthalene
Concen: 230.561 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

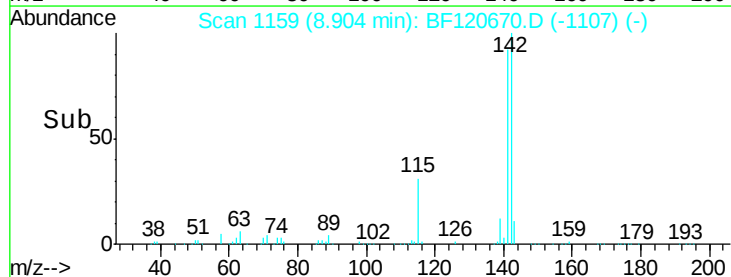
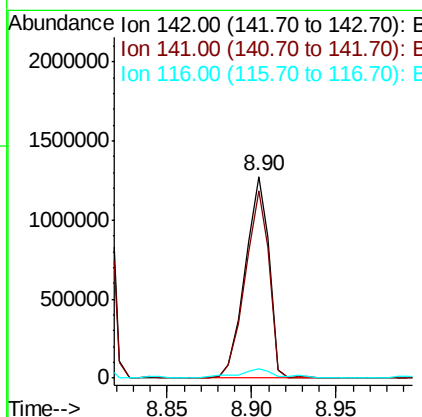
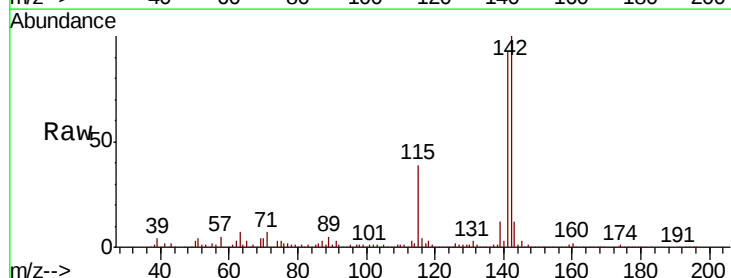
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)

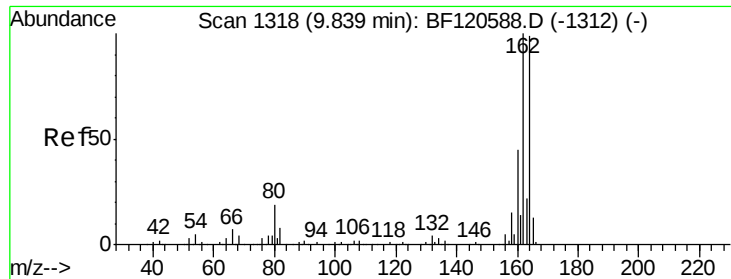
Tot Ion:142 Resp: 2120835
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0
115 39.1 26.1 39.1



#38
1-Methylnaphthalene
Concen: 144.489 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Tgt Ion:142 Resp: 1250649
Ion Ratio Lower Upper
142 100
141 92.5 72.1 108.1
116 4.5 2.7 4.1#

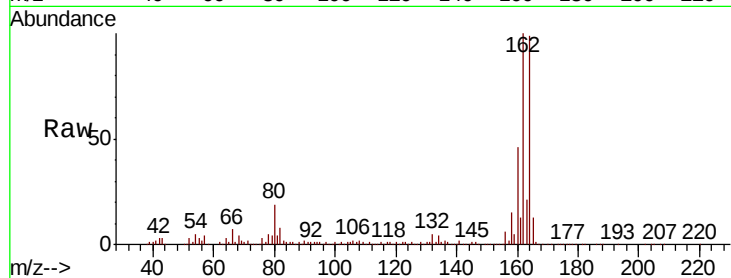




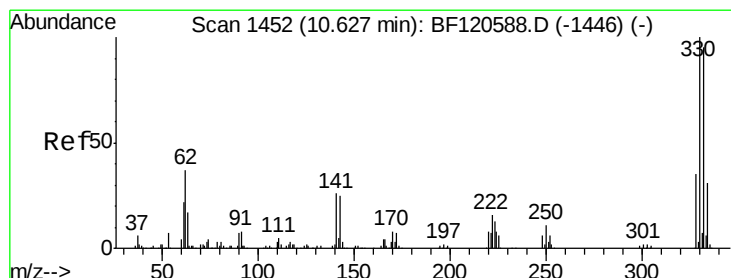
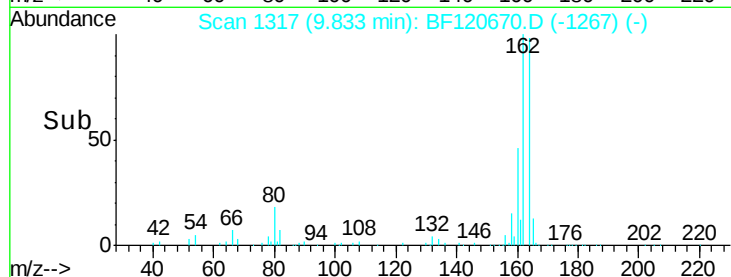
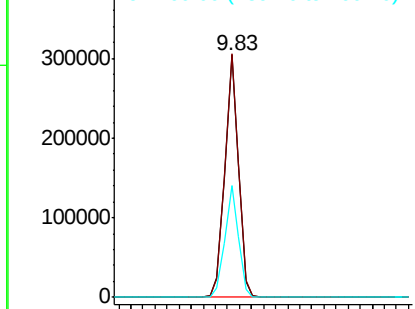
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)

Tot Ion:164 Resp: 238024
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 46.0 36.2 54.2

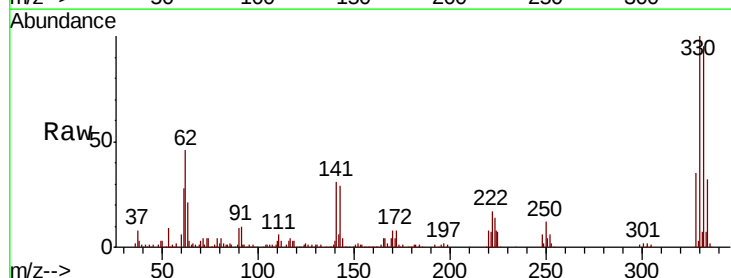


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

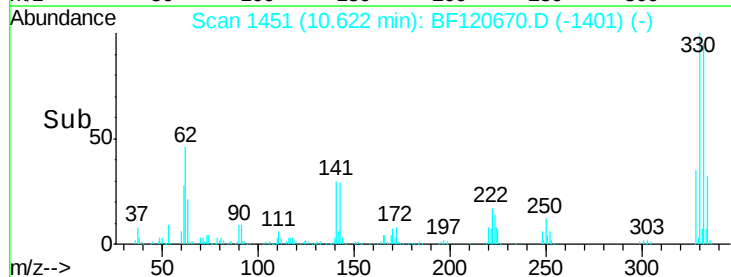
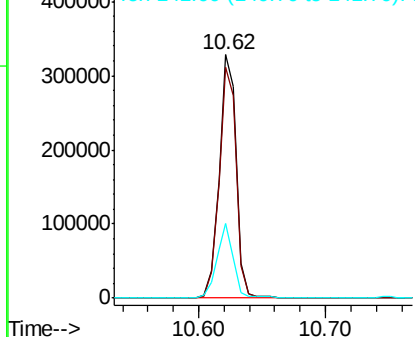


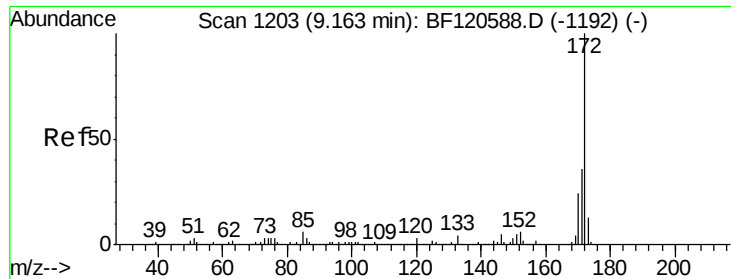
#42
2,4,6-Tribromophenol
Concen: 112.013 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Tgt Ion:330 Resp: 309980
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 29.0 23.2 34.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



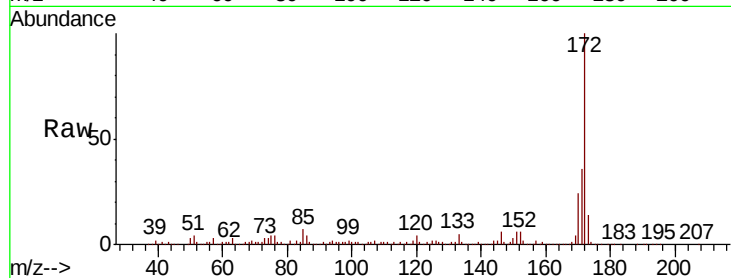


#45
2-Fluorobiphenyl
Concen: 74.257 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

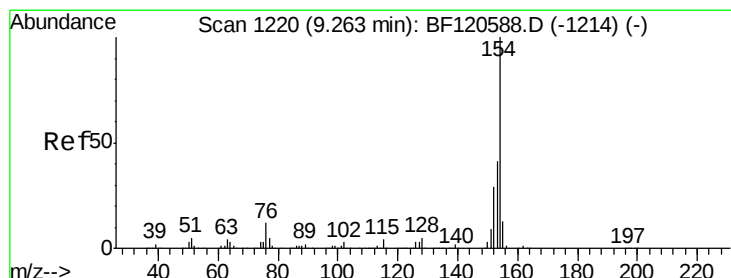
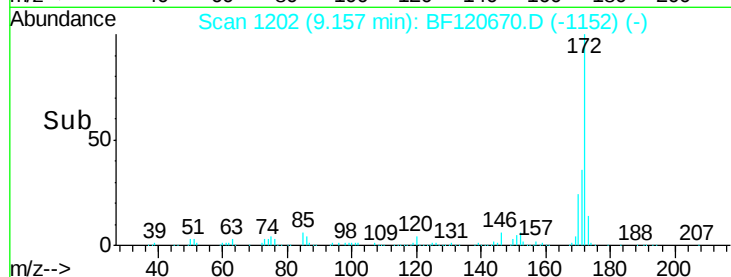
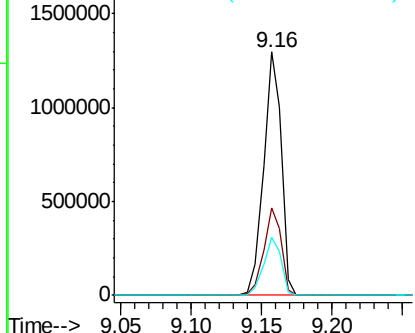
Instrument :
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MW-27(16.5-18.5)

Tot Ion:172 Resp: 1155242

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	23.9	19.4	29.2



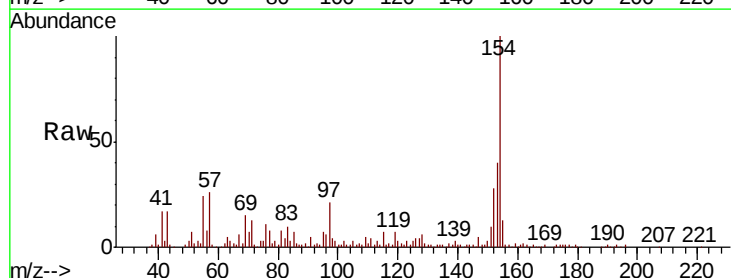
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



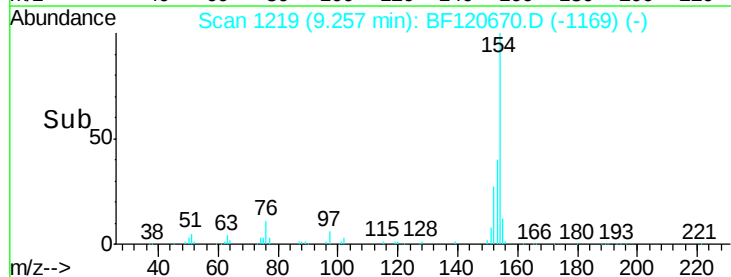
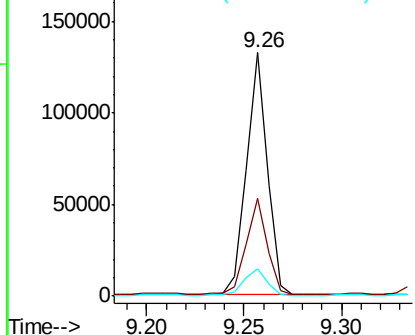
#46
1,1'-Biphenyl
Concen: 5.508 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

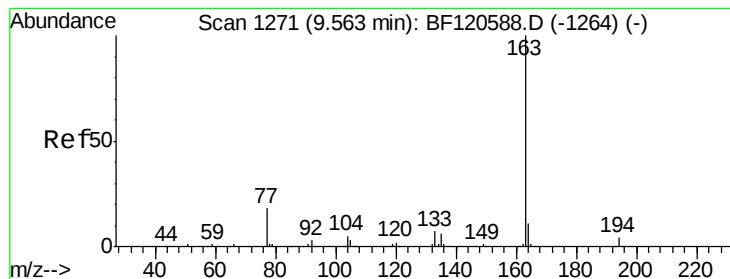
Tgt Ion:154 Resp: 97903

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	11.4	0.0	31.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#50

Dimethylphthalate

Concen: 16.251 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120670.D

Acq: 19 Jun 2020 18:19

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)

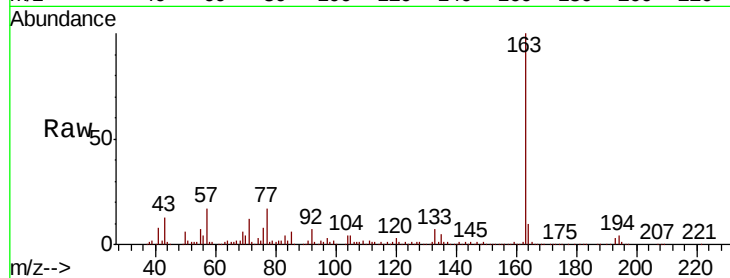
Tot Ion:163 Resp: 278588

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

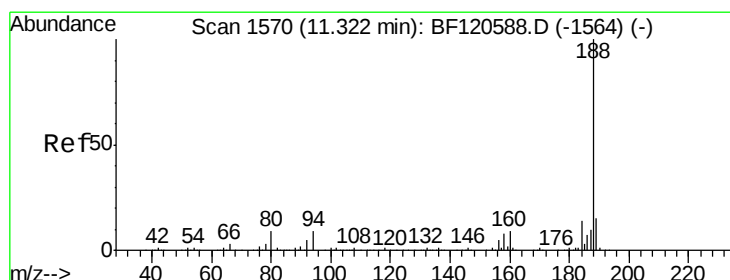
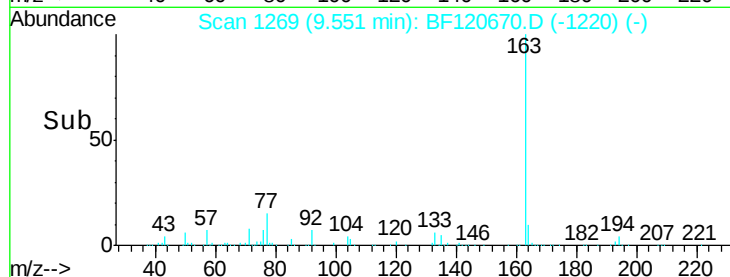
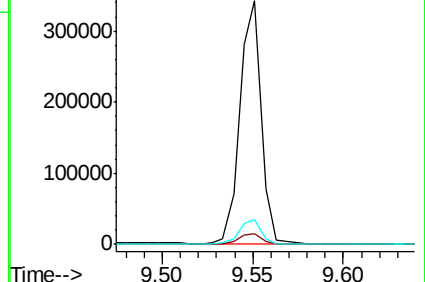
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120670.D

Acq: 19 Jun 2020 18:19

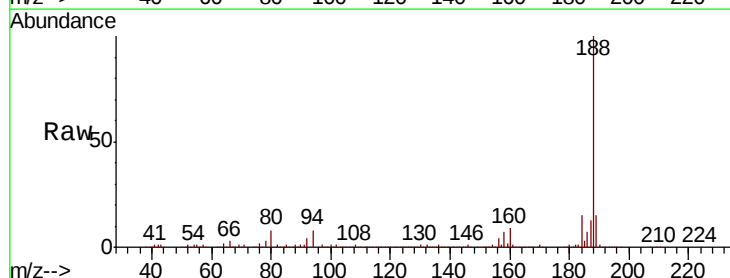
Tgt Ion:188 Resp: 507514

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

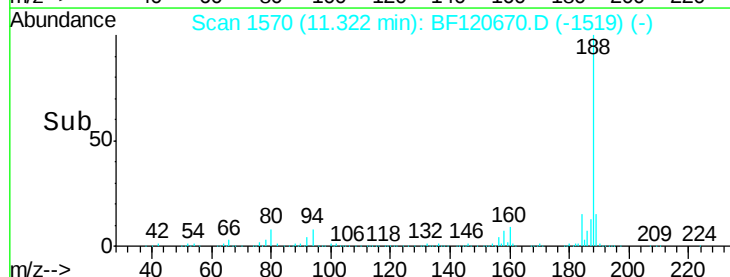
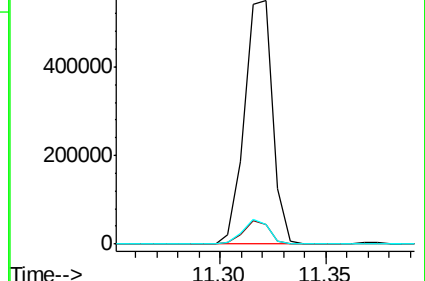
80 8.0 7.4 11.2

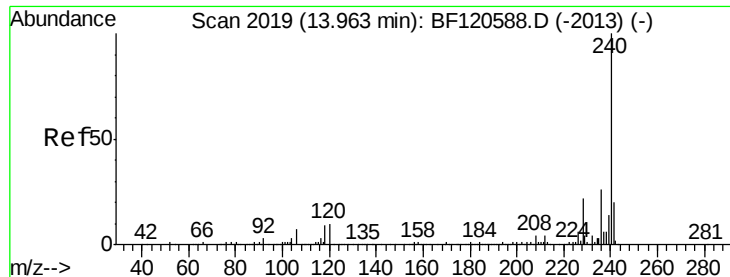


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

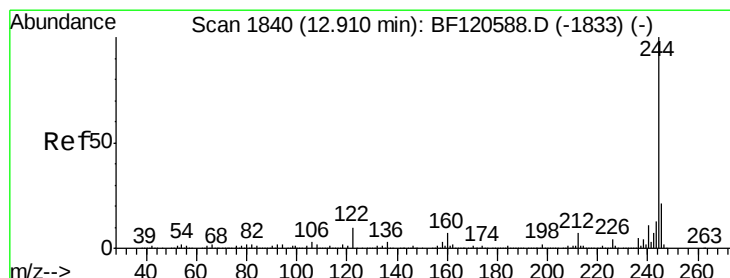
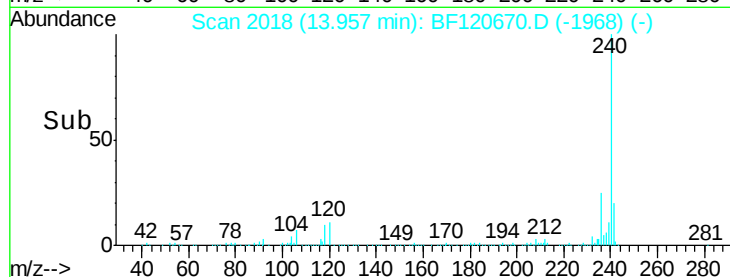
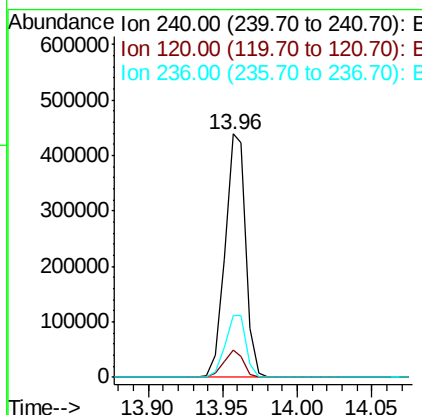
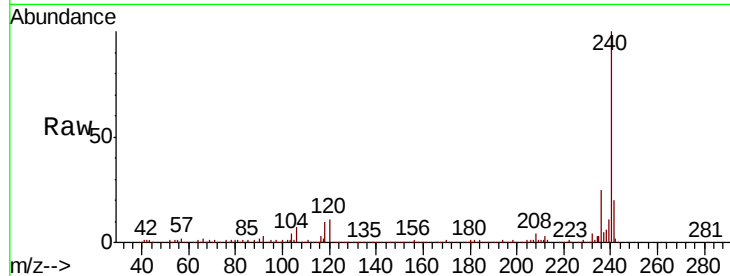




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120670.D
 Acq: 19 Jun 2020 18:19

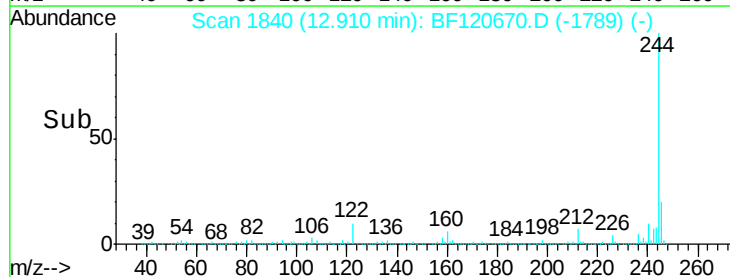
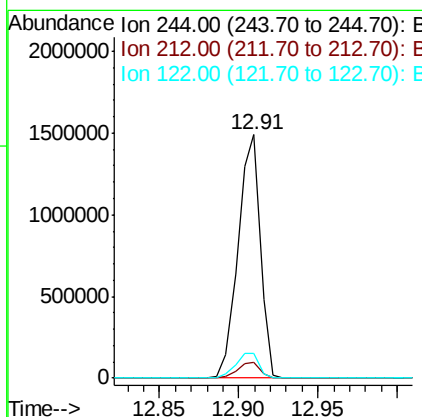
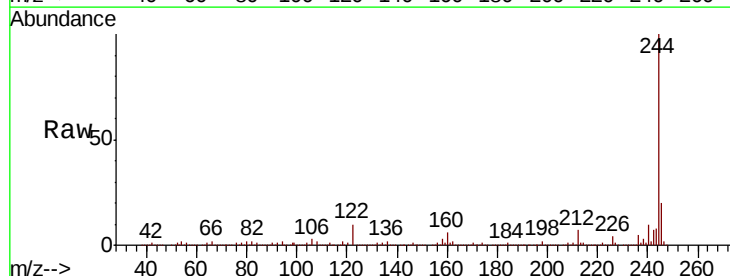
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)

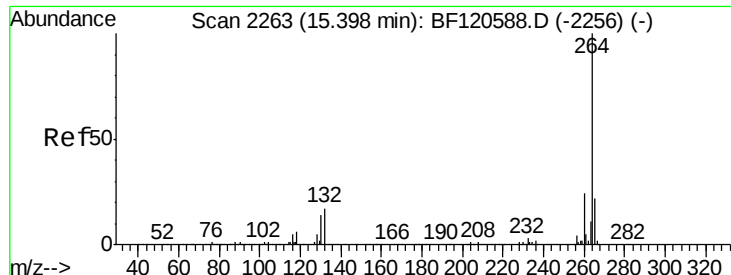
Tot Ion:240 Resp: 428823
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 74.315 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120670.D
 Acq: 19 Jun 2020 18:19

Tgt Ion:244 Resp: 1442730
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.3 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120670.D
Acq: 19 Jun 2020 18:19

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)

Tot Ion:264 Resp: 494534
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.5 17.8 26.8

