

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115020.D
 Acq On : 13 Jun 2019 23:36
 Operator : HP/JU
 Sample : K3345-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-3_061219

Quant Time: Jun 14 04:56:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	300463	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1157134	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	567028	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1068900	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	679313	20.00	ng	-0.01
87) Perylene-d12	15.14	264	604565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1082789	60.17	ng	0.00
7) Phenol-d6	6.29	99	896128	41.28	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1600822	83.27	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	685952	112.97	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	2869659	85.77	ng	0.00
79) Terphenyl-d14	12.73	244	2919506	80.83	ng	0.00

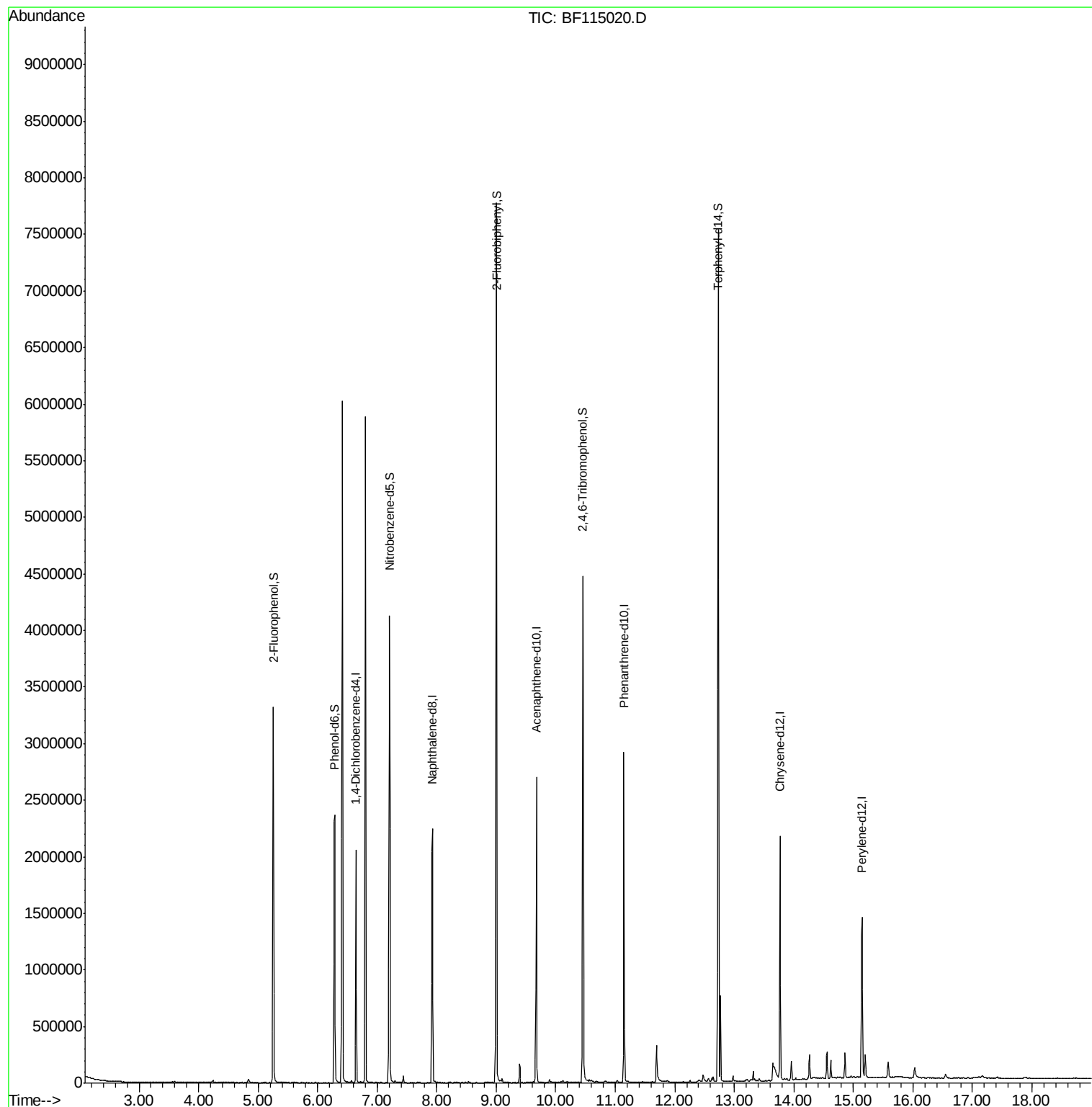
Target Compounds Qvalue

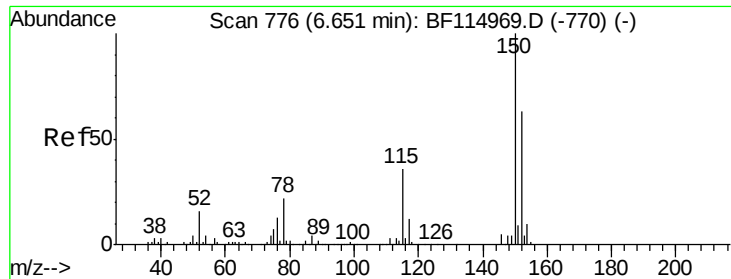
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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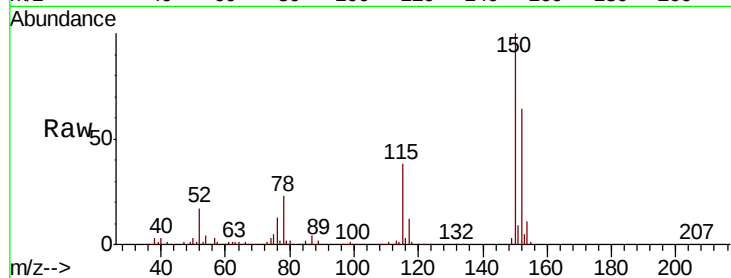


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115020.D
Acq: 13 Jun 2019 23:36

Instrument :
BNA_F
ClientSampleId :
PR-MW-3_061219

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	59.3	46.0	69.0

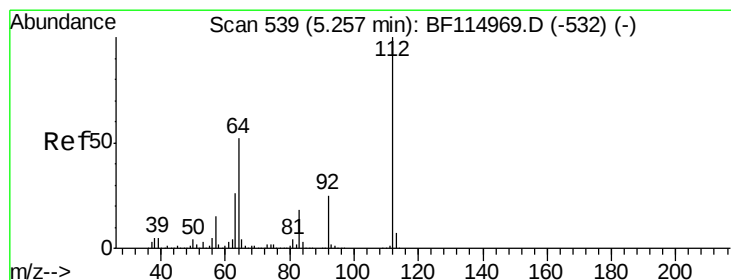
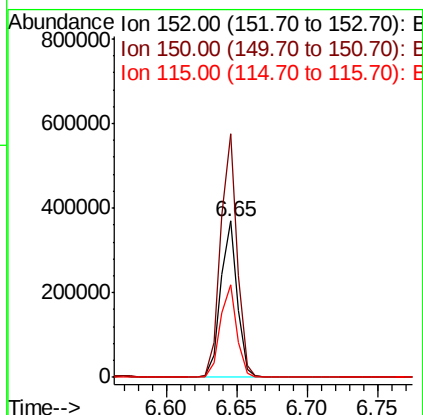
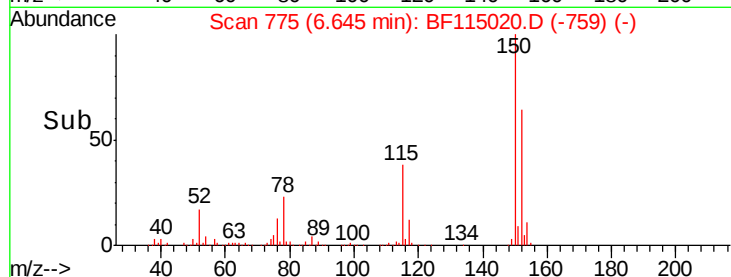


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

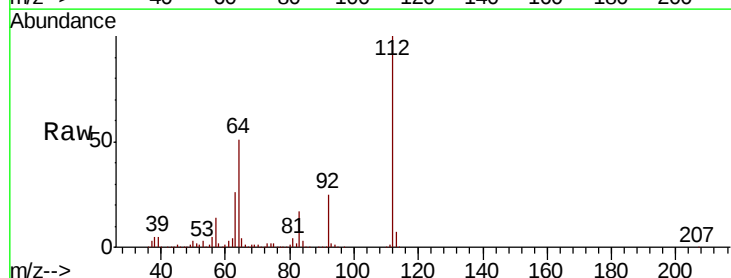
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.175 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF115020.D
Acq: 13 Jun 2019 23:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.6	62.4
63	26.0	20.9	31.3

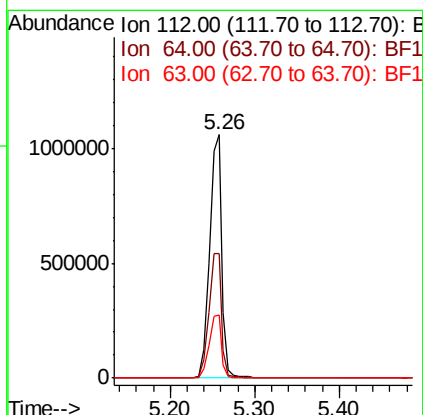
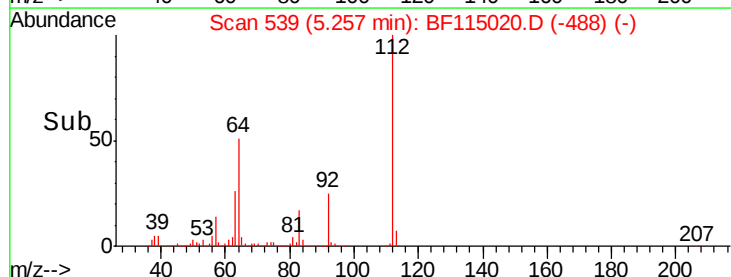


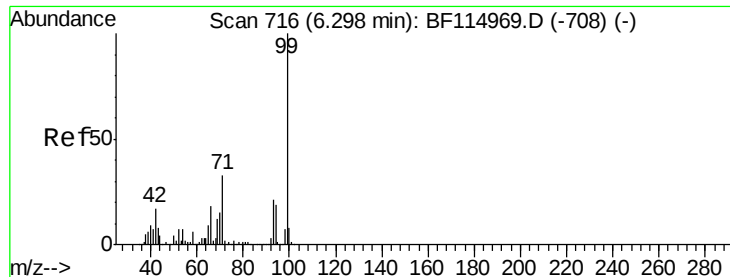
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 41.285 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Instrument :

BNA_F

ClientSampleId :

PR-MW-3_061219

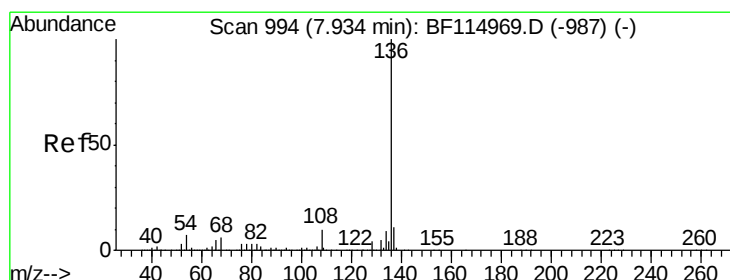
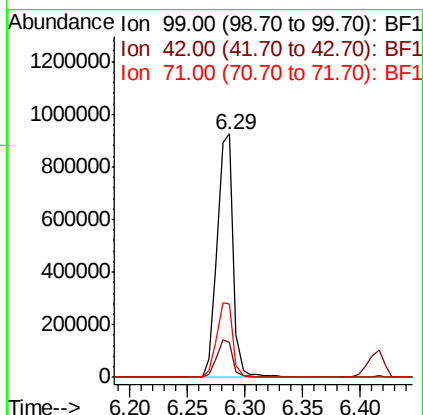
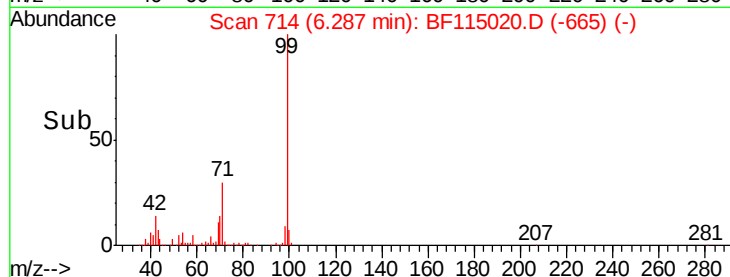
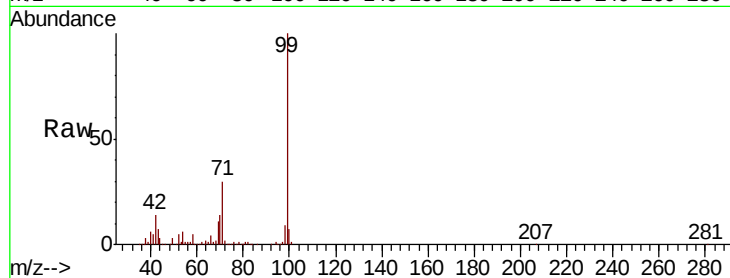
Tot Ion: 99 Resp: 896128

Ion Ratio Lower Upper

99 100

42 14.4 13.4 20.2

71 30.0 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Tgt Ion: 136 Resp: 1157134

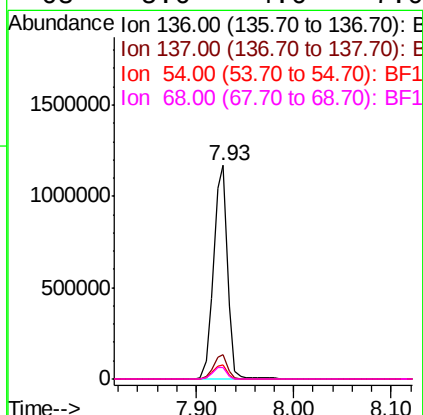
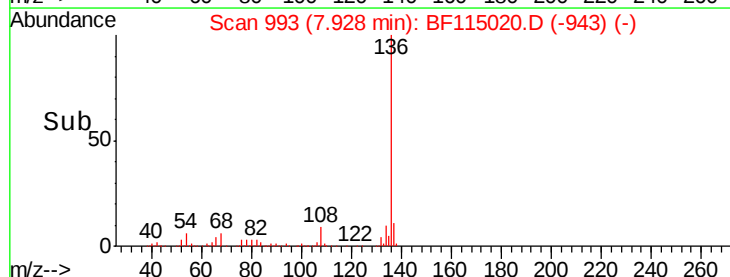
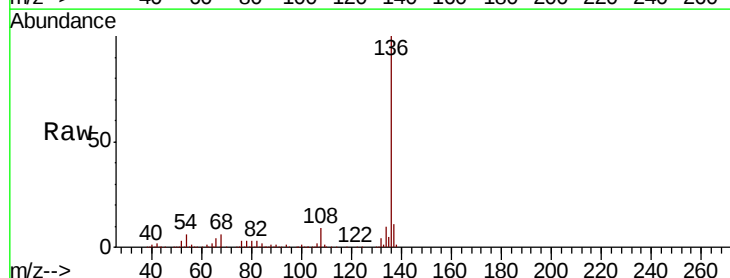
Ion Ratio Lower Upper

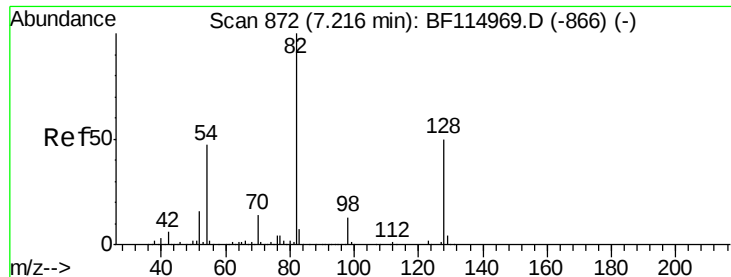
136 100

137 11.3 9.0 13.4

54 6.3 5.4 8.0

68 5.6 4.6 7.0

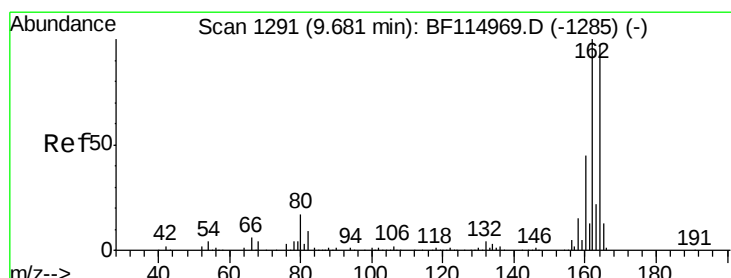
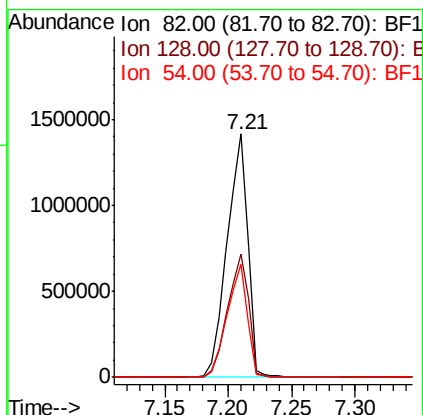
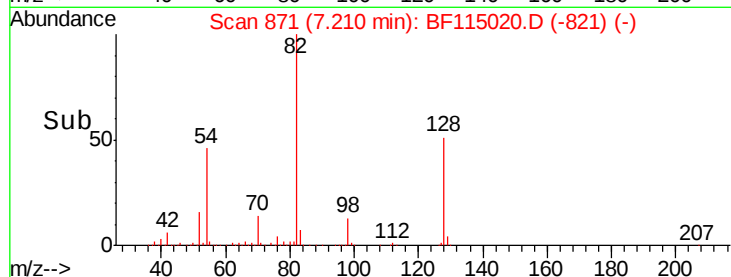
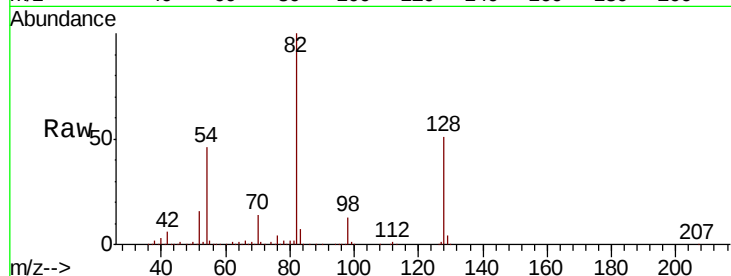




#23
 Nitrobenzene-d5
 Concen: 83.272 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115020.D
 Acq: 13 Jun 2019 23:36

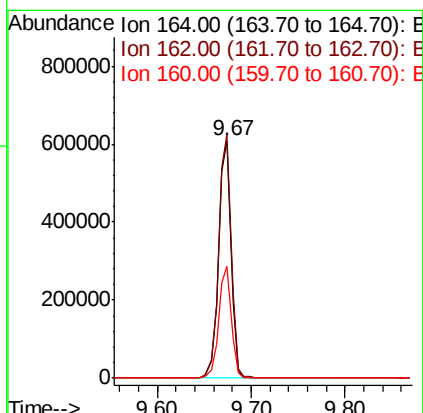
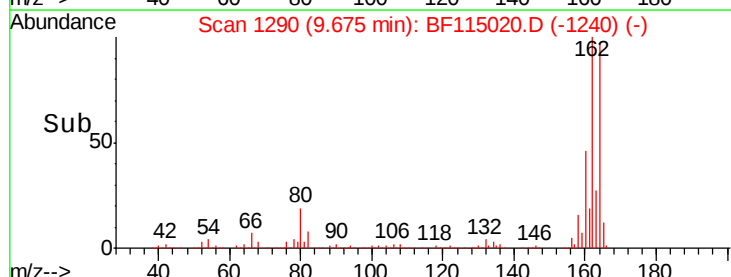
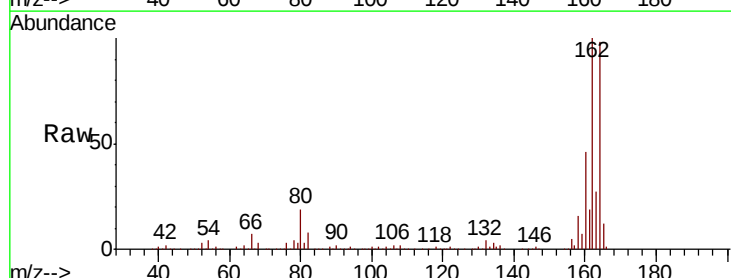
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-3_061219

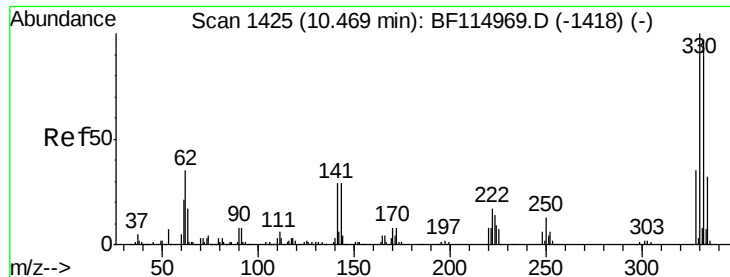
Tot Ion: 82 Resp: 1600822
 Ion Ratio Lower Upper
 82 100
 128 50.7 39.9 59.9
 54 46.2 37.3 55.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115020.D
 Acq: 13 Jun 2019 23:36

Tgt Ion: 164 Resp: 567028
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 124.0
 160 47.0 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 112.968 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Instrument :

BNA_F

ClientSampleId :

PR-MW-3_061219

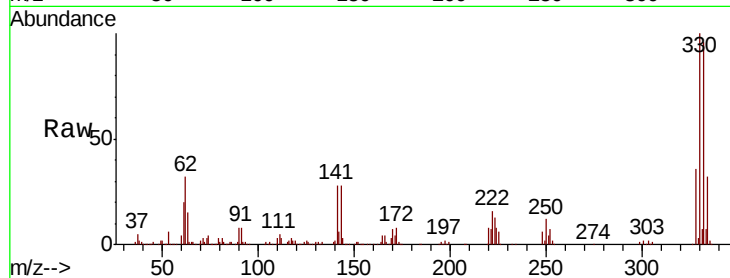
Tot Ion:330 Resp: 685952

Ion Ratio Lower Upper

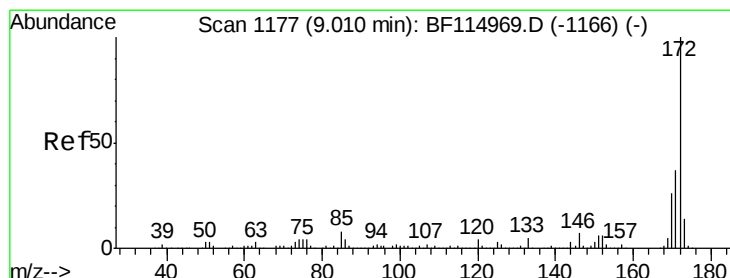
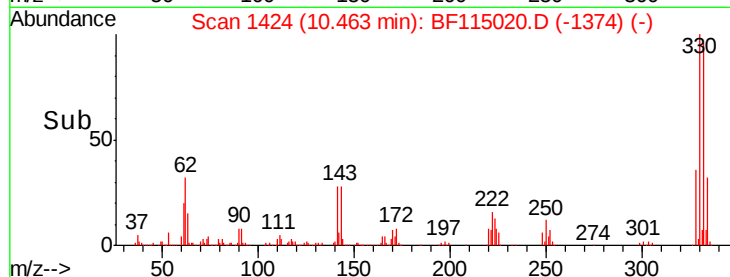
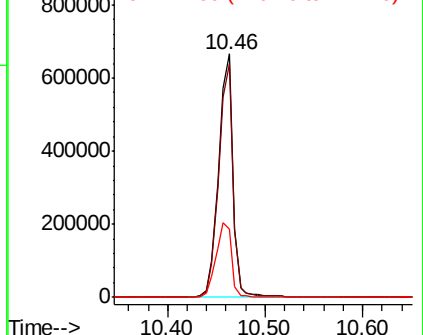
330 100

332 96.1 77.6 116.4

141 33.3 27.2 40.8



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: 85.774 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

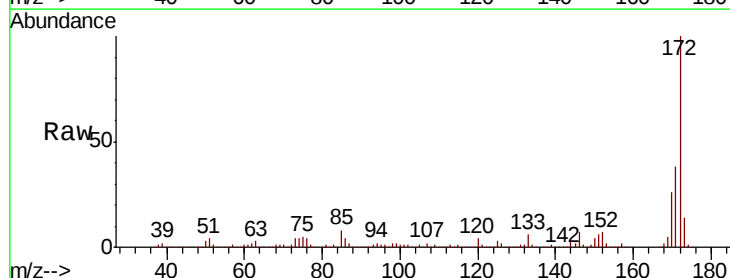
Tgt Ion:172 Resp: 2869659

Ion Ratio Lower Upper

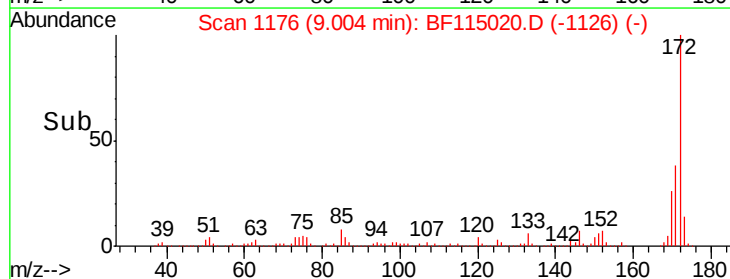
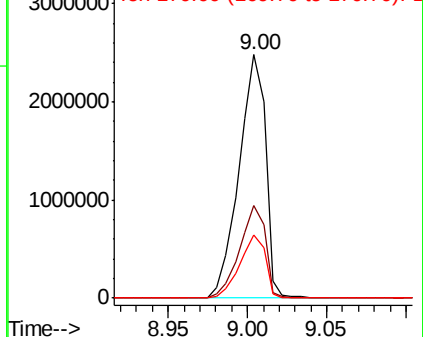
172 100

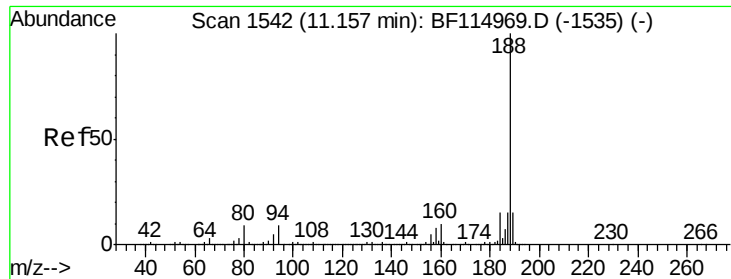
171 37.9 29.8 44.6

170 25.9 20.6 31.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Instrument :

BNA_F

ClientSampleId :

PR-MW-3_061219

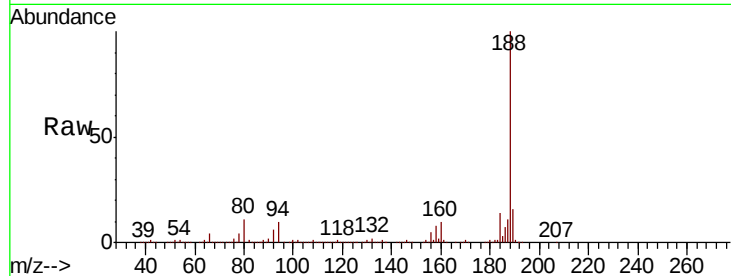
Tot Ion:188 Resp: 1068900

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

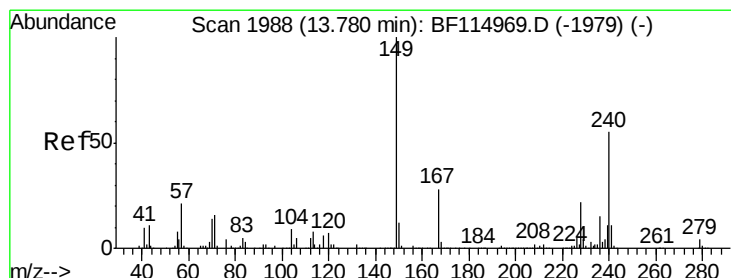
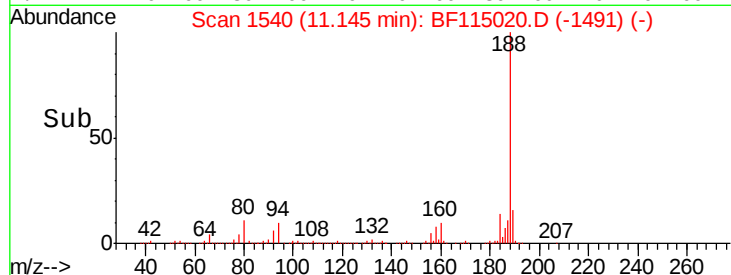
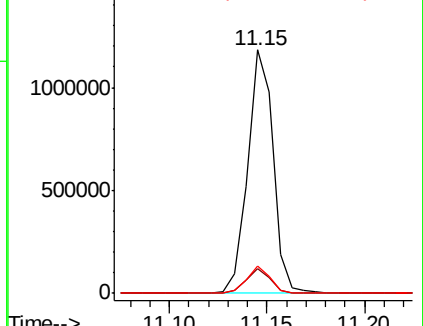
80 11.0 7.4 11.2



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: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

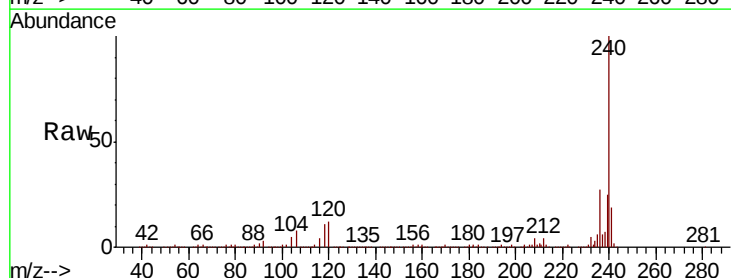
Tgt Ion:240 Resp: 679313

Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

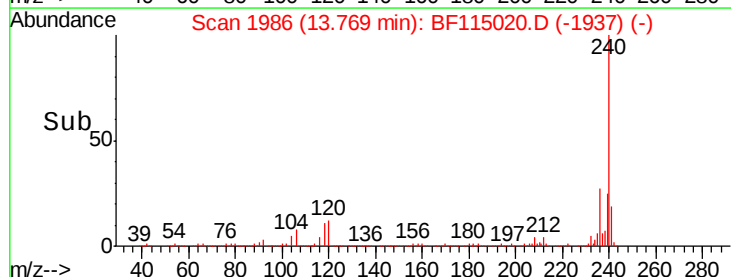
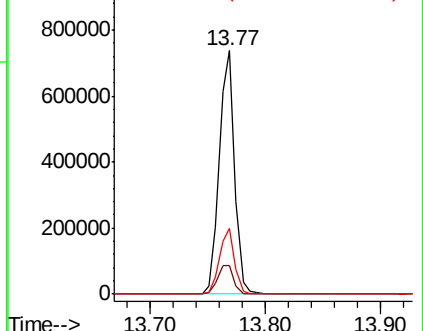
236 27.1 21.6 32.4

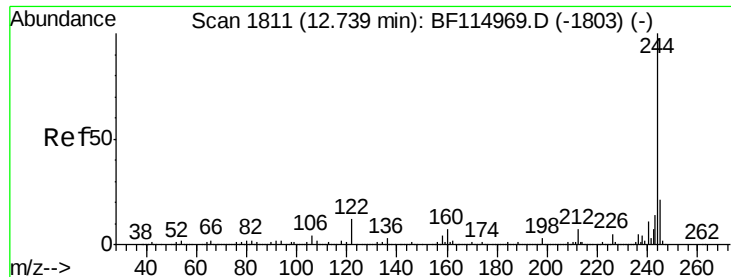


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.835 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Instrument :

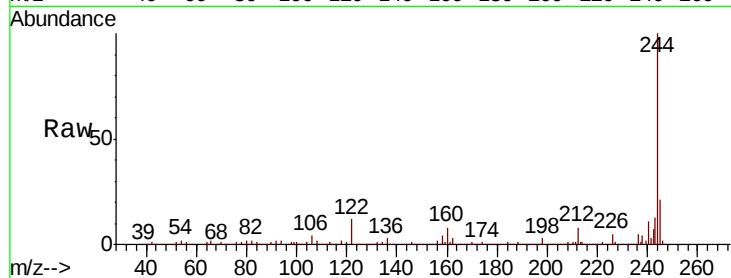
BNA_F

ClientSampleId :

PR-MW-3_061219

Tot Ion:244 Resp: 2919506

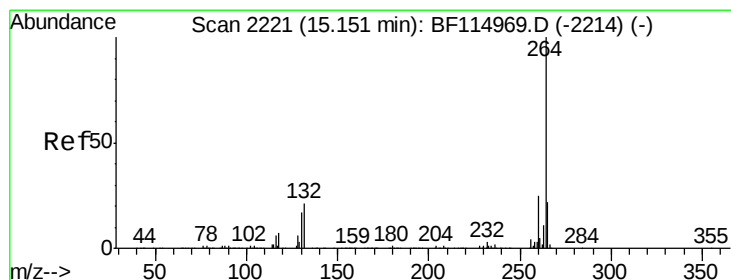
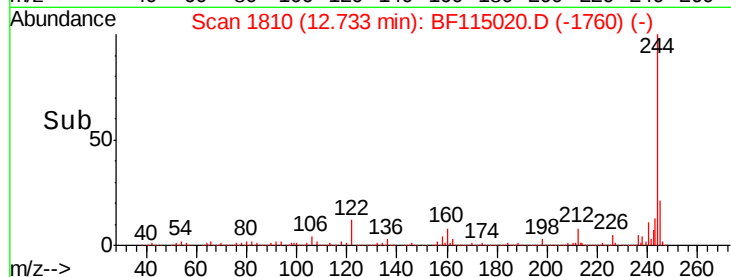
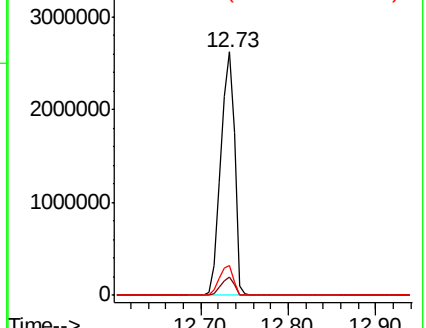
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	12.5	9.4	14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

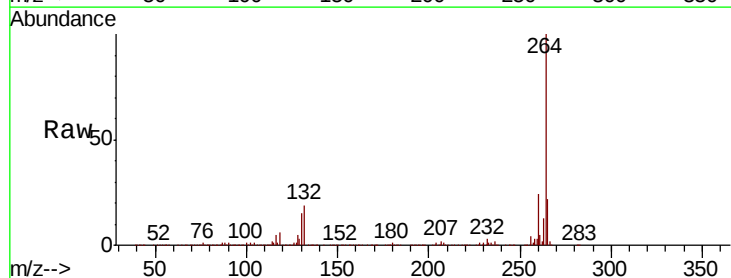
Delta R.T. -0.01 min

Lab File: BF115020.D

Acq: 13 Jun 2019 23:36

Tgt Ion:264 Resp: 604565

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.6	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

