

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092019.D
 Acq On : 29 Dec 2016 12:30
 Operator : UM/SJ
 Sample : H6278-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 29 13:38:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	284930	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	1130867	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	626241	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	1051520	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	826773	20.00	ng	-0.03
86) Perylene-d12	15.22	264	739194	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	958524	56.17	ng	-0.02
7) Phenol-d6	6.36	99	933240	44.79	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1983564	97.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	655314	126.44	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2682806	88.27	ng	-0.02
78) Terphenyl-d14	12.81	244	2926461	85.85	ng	-0.01

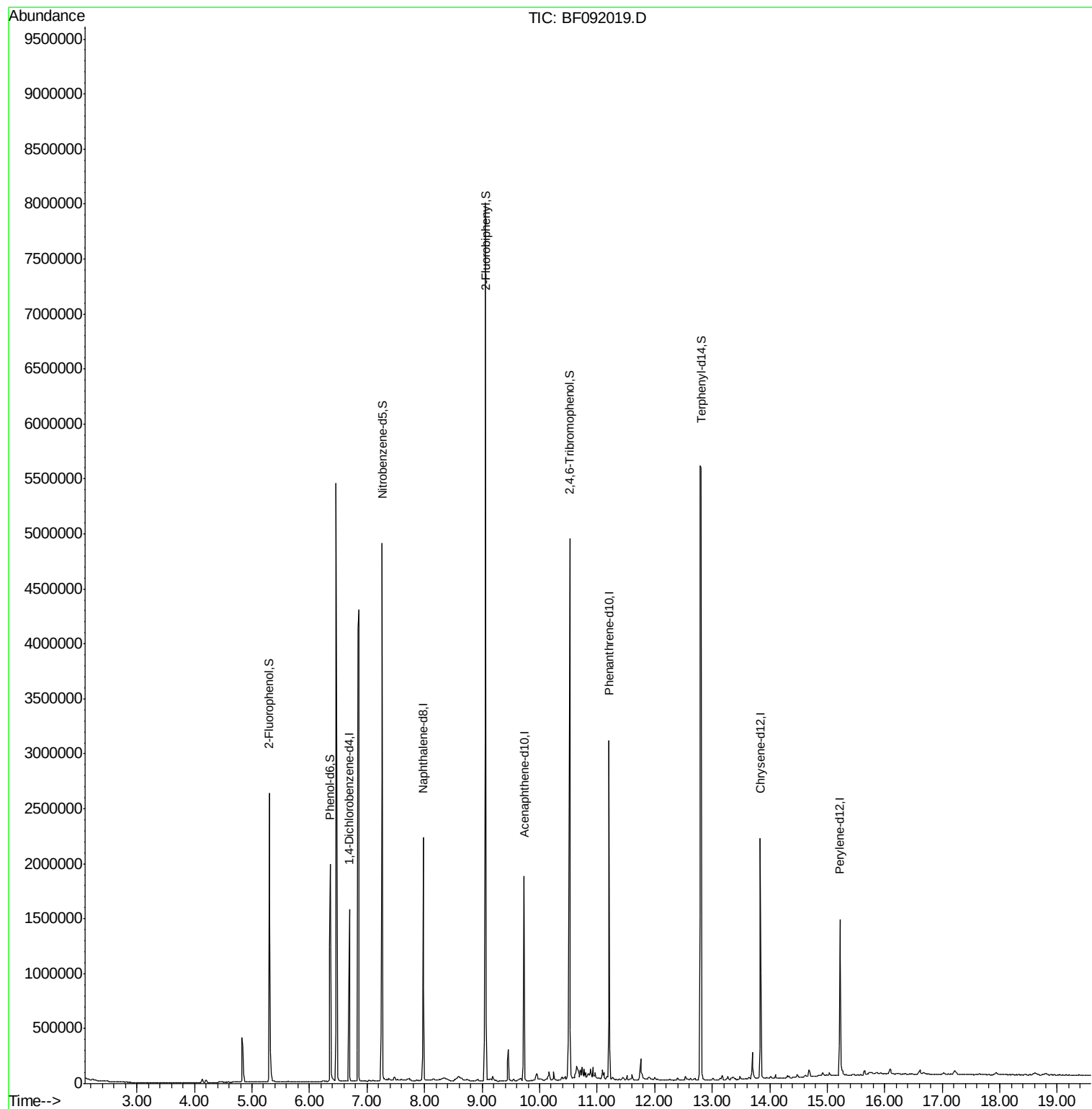
Target Compounds Qvalue

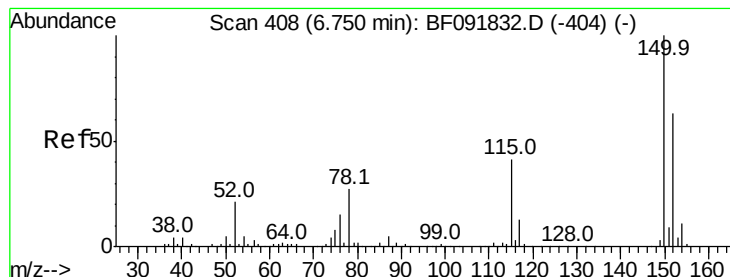
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-01

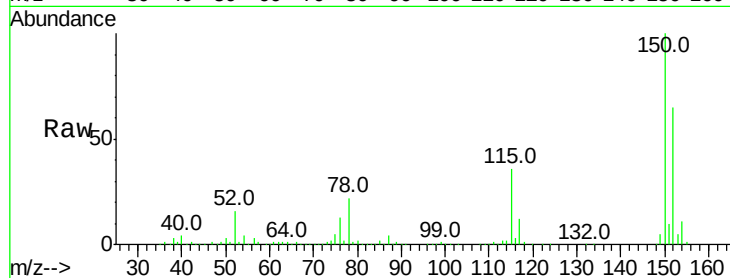
Tot Ion:152 Resp: 284930

Ion Ratio Lower Upper

152 100

150 152.8 124.9 187.3

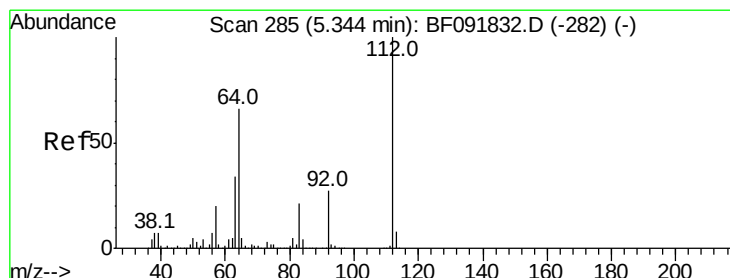
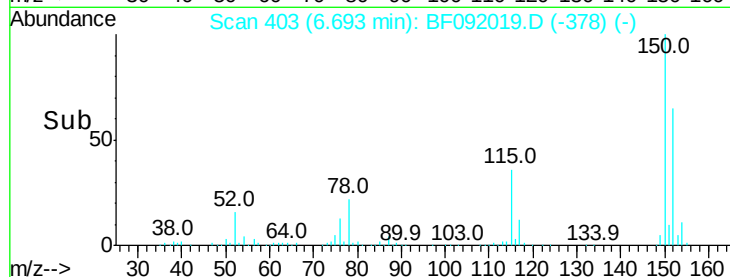
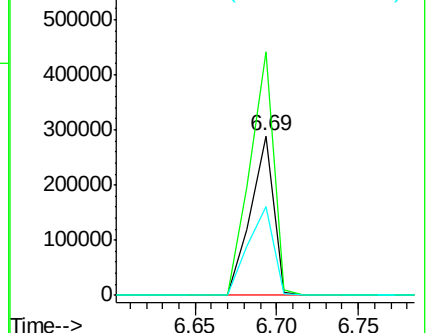
115 55.5 46.0 69.0



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: 56.17 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

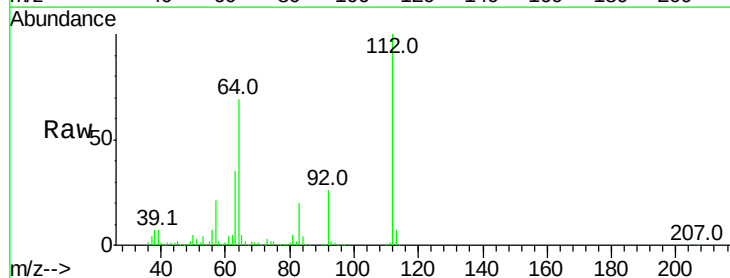
Tgt Ion:112 Resp: 958524

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

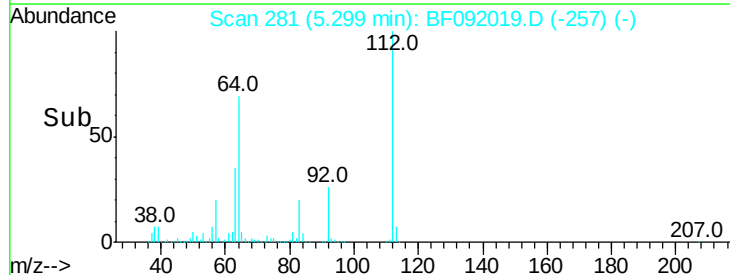
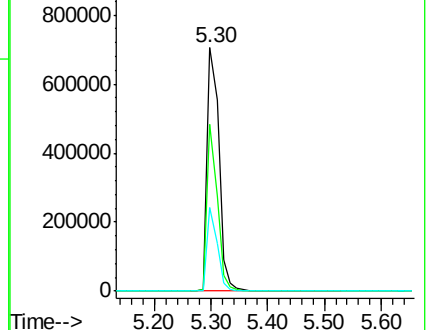
63 34.6 23.8 35.6

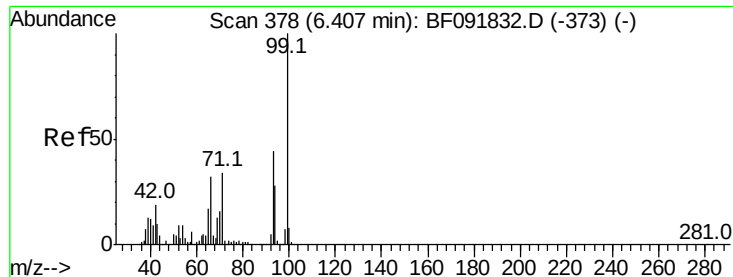


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.79 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

Instrument :

BNA_F

ClientSampled :

MW-01

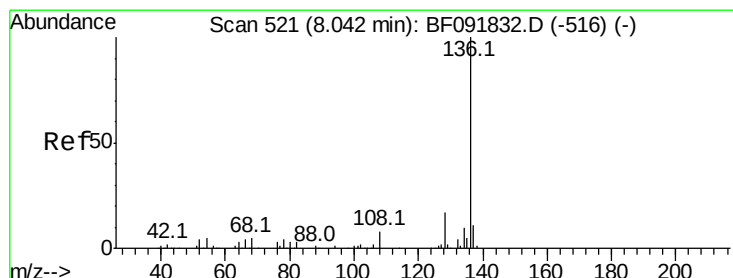
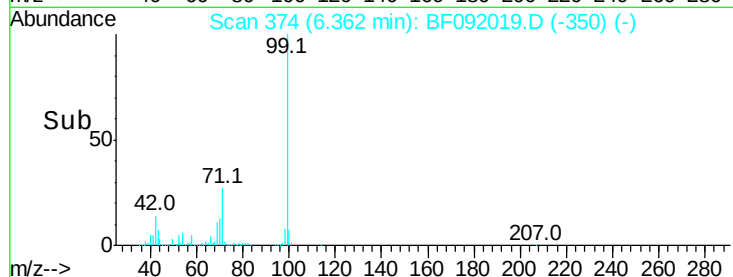
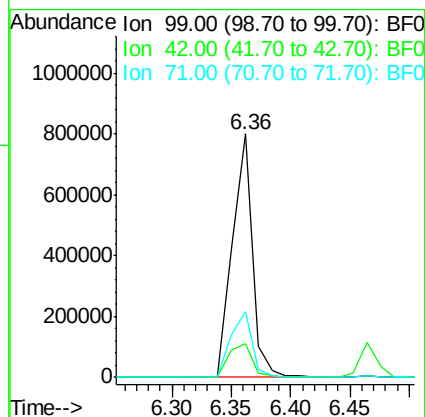
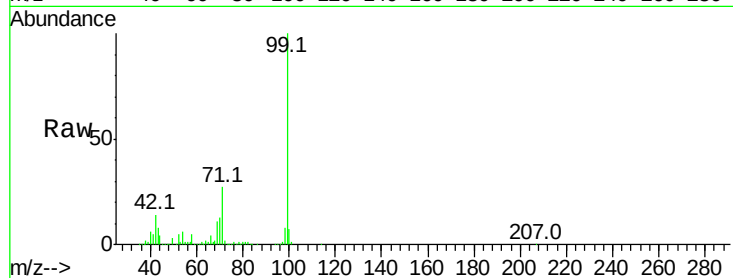
Tot Ion: 99 Resp: 933240

Ion Ratio Lower Upper

99 100

42 13.8 15.6 23.4#

71 27.0 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

Tgt Ion: 136 Resp: 1130867

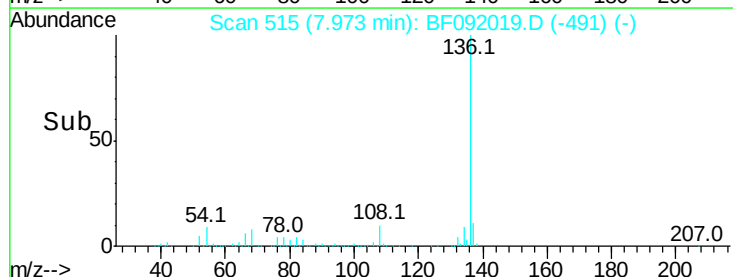
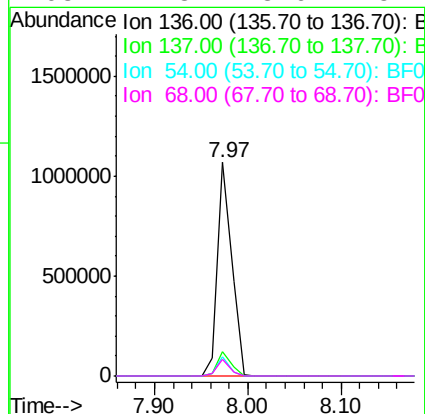
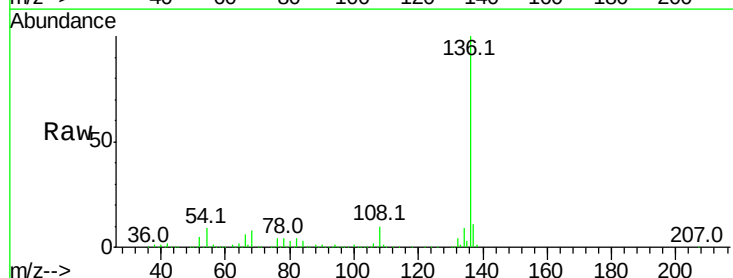
Ion Ratio Lower Upper

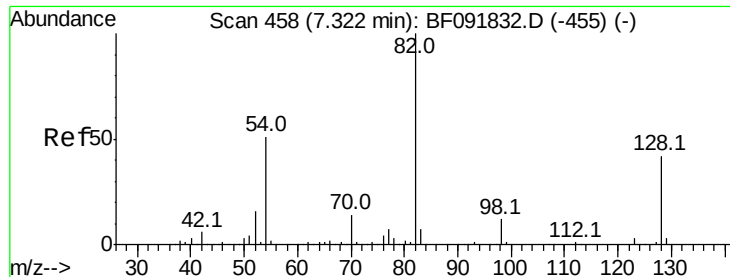
136 100

137 11.4 8.4 12.6

54 9.3 4.5 6.7#

68 7.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 97.53 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-01

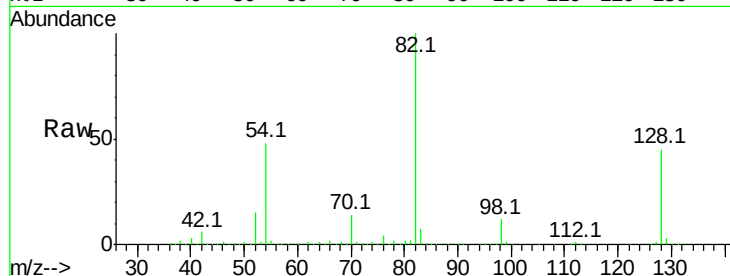
Tot Ion: 82 Resp: 1983564

Ion Ratio Lower Upper

82 100

128 44.6 34.6 52.0

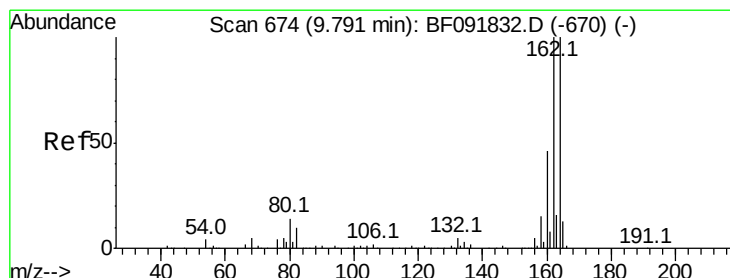
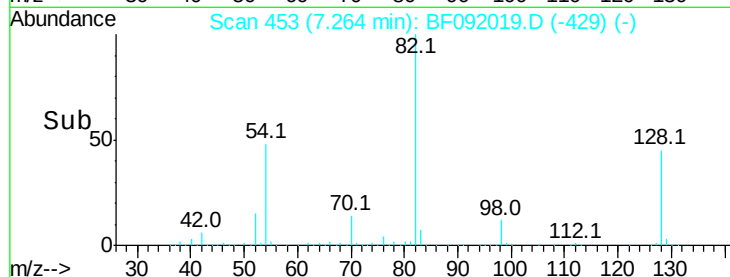
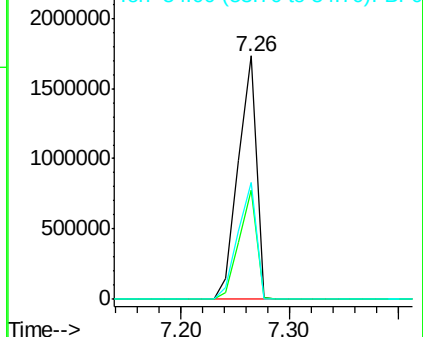
54 48.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

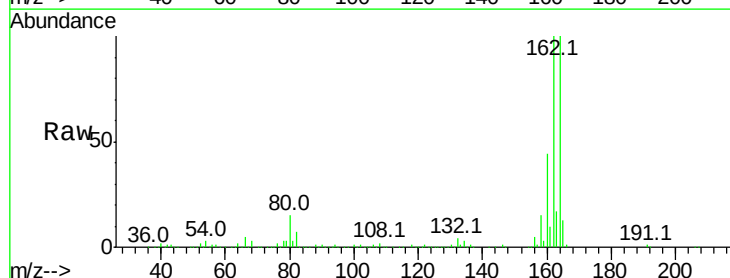
Tgt Ion:164 Resp: 626241

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

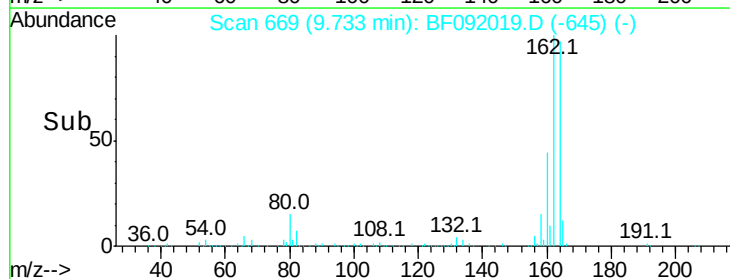
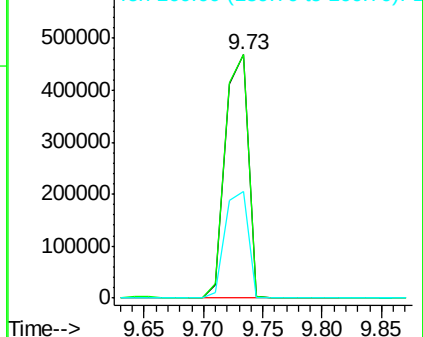
160 43.9 36.9 55.3

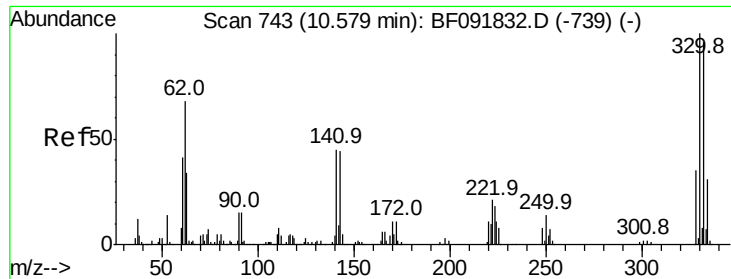


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

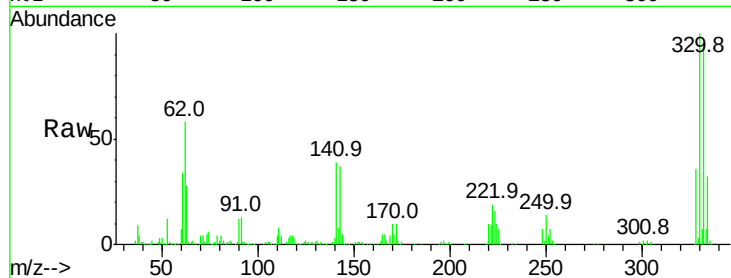




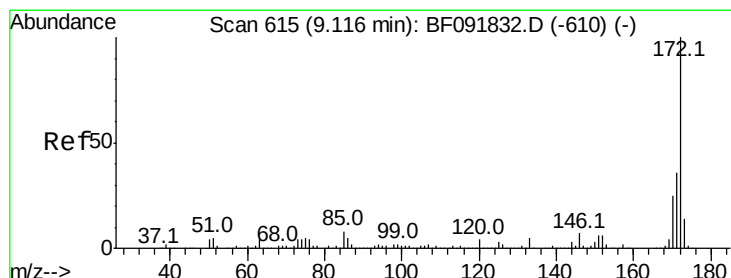
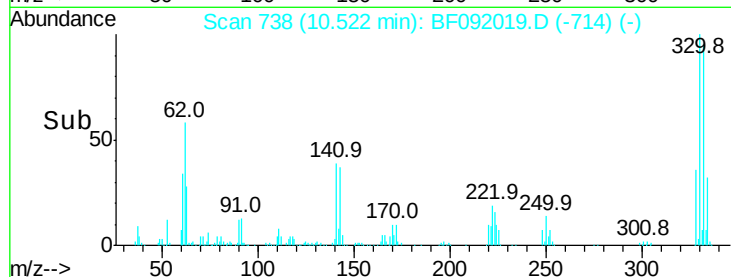
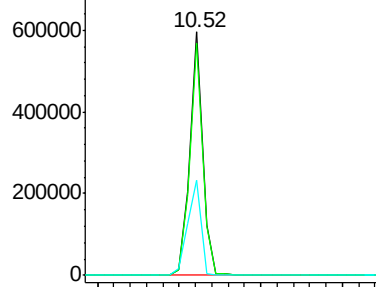
#41
 2,4,6-Tribromophenol
 Concen: 126.44 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092019.D
 Acq: 29 Dec 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 655314
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 40.3 34.1 51.1

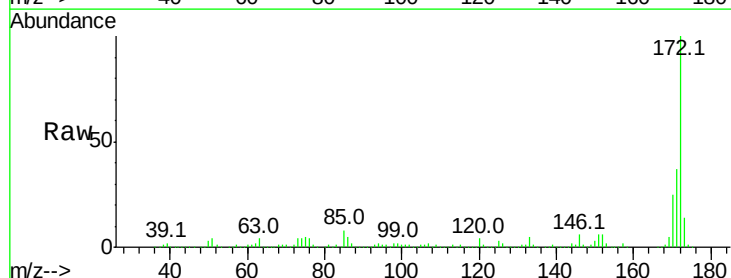


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

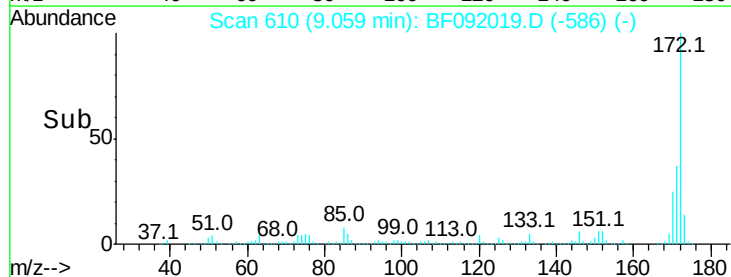
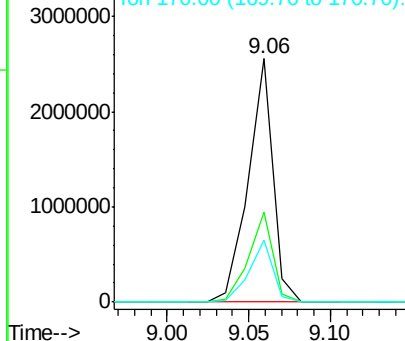


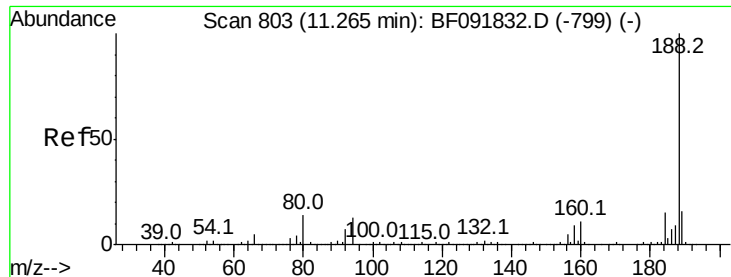
#44
 2-Fluorobiphenyl
 Concen: 88.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092019.D
 Acq: 29 Dec 2016 12:30

Tgt Ion:172 Resp: 2682806
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.4 20.2 30.4



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

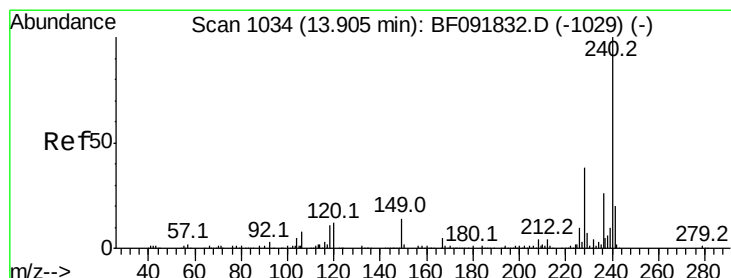
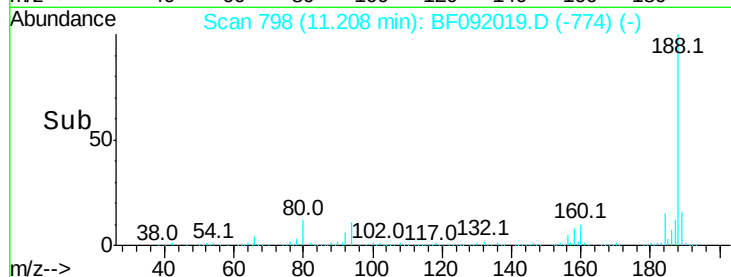
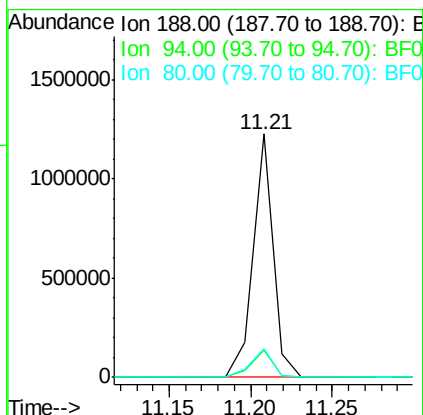
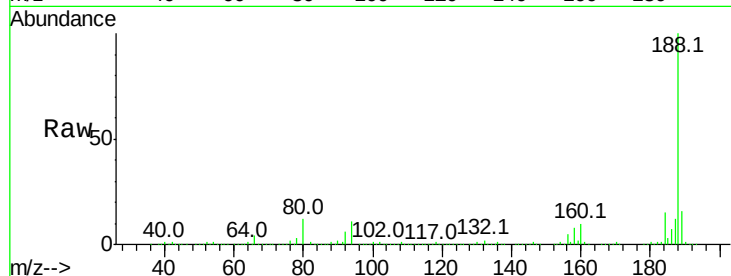




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092019.D
Acq: 29 Dec 2016 12:30

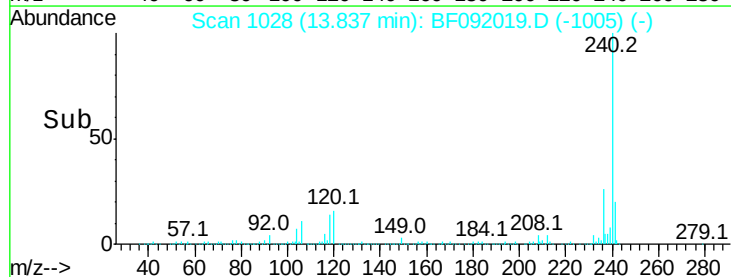
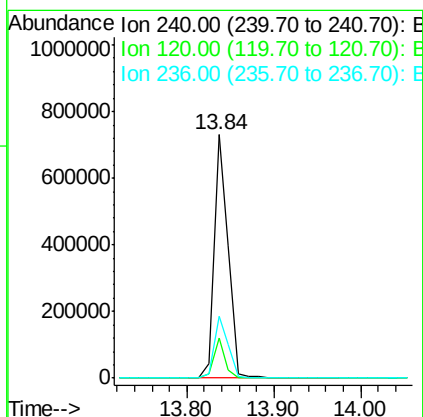
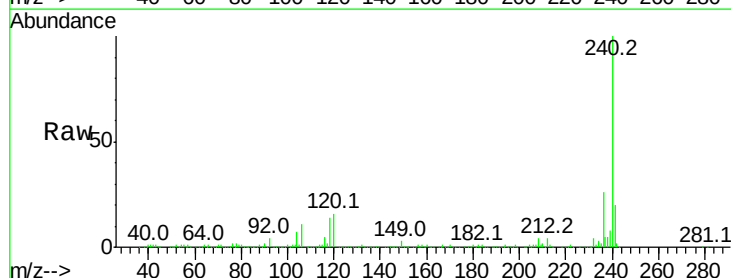
Instrument :
BNA_F
ClientSampleId :
MW-01

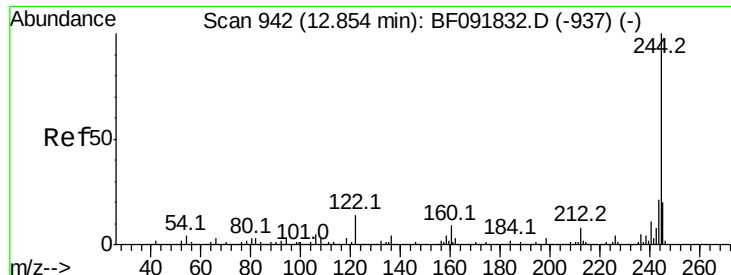
Tot Ion:188 Resp: 1051520
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092019.D
Acq: 29 Dec 2016 12:30

Tgt Ion:240 Resp: 826773
Ion Ratio Lower Upper
240 100
120 16.4 12.9 19.3
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 85.85 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

Instrument :

BNA_F

ClientSampleId :

MW-01

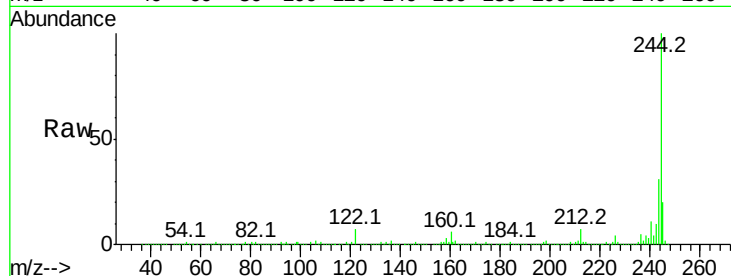
Tot Ion:244 Resp: 2926461

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

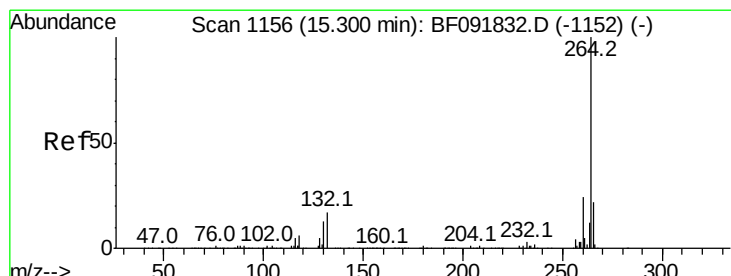
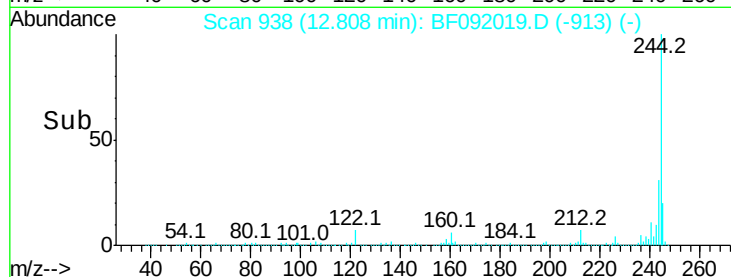
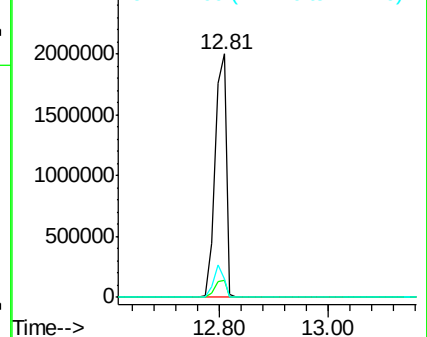
122 7.3 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF092019.D

Acq: 29 Dec 2016 12:30

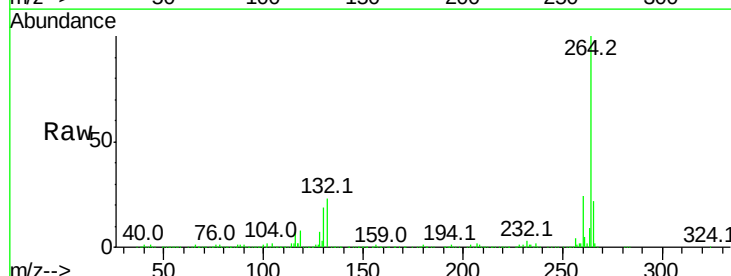
Tgt Ion:264 Resp: 739194

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.2 17.4 26.0



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

