

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102081.D
 Acq On : 15 Jan 2018 23:33
 Operator : SJ/JU
 Sample : J1086-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Quant Time: Jan 16 03:16:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

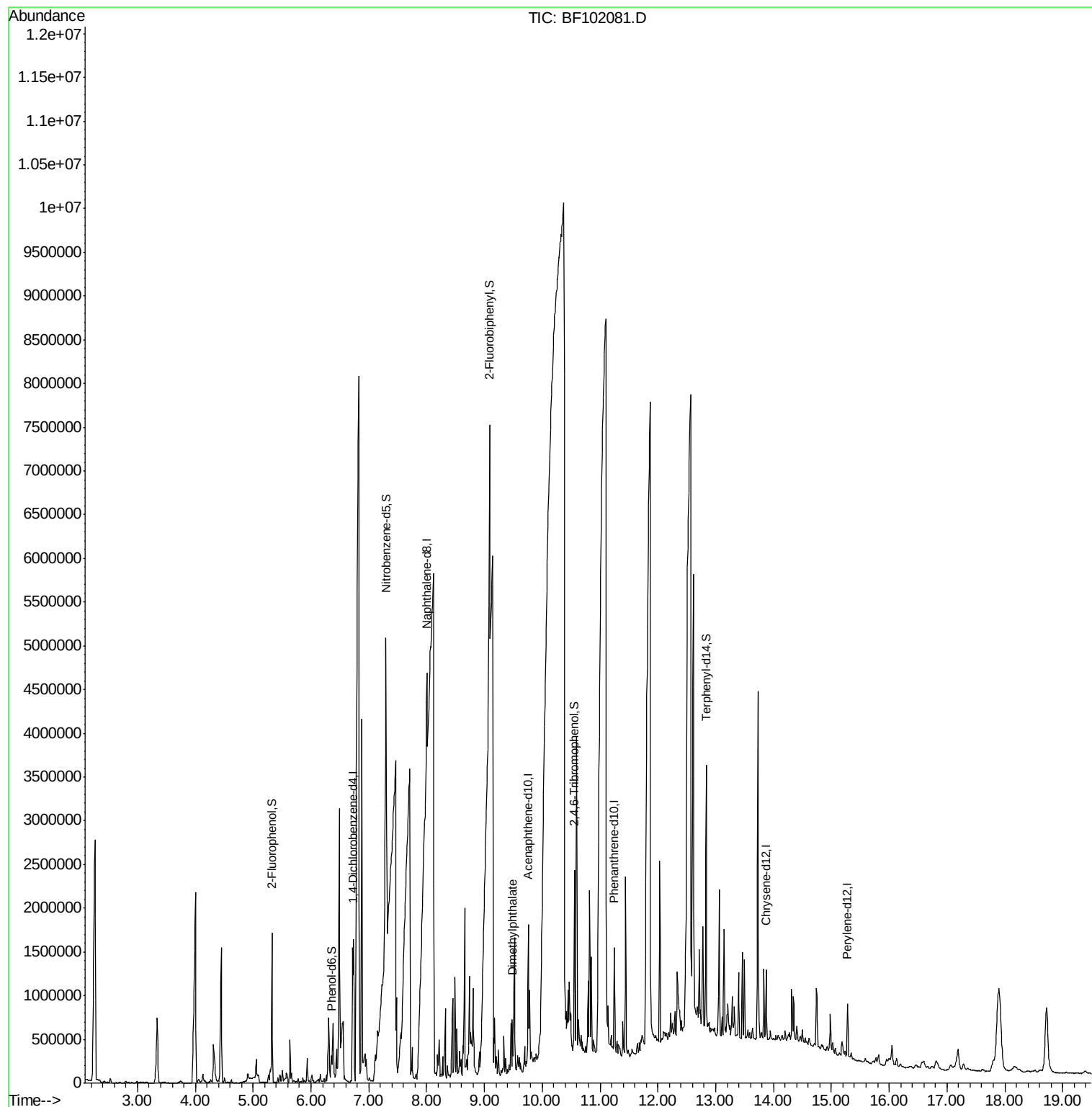
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167993	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	548423	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	279845	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	400817	20.00	ng	0.00
75) Chrysene-d12	13.87	240	269349	20.00	ng	0.00
86) Perylene-d12	15.28	264	277786	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	465708	39.15	ng	0.00
7) Phenol-d6	6.35	99	115694	8.15	ng	-0.01
23) Nitrobenzene-d5	7.29	82	981332	105.15	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	241283	98.80	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1512859	84.46	ng	0.00
78) Terphenyl-d14	12.83	244	1048202	80.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	89064	3.967	ng	100

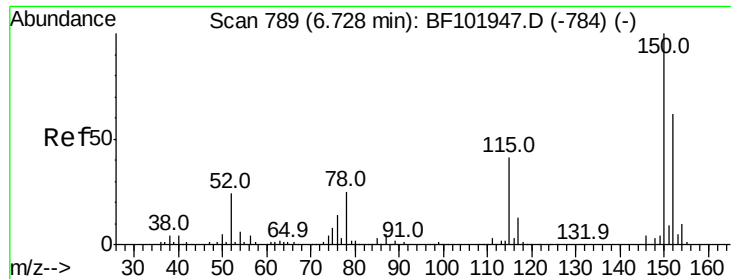
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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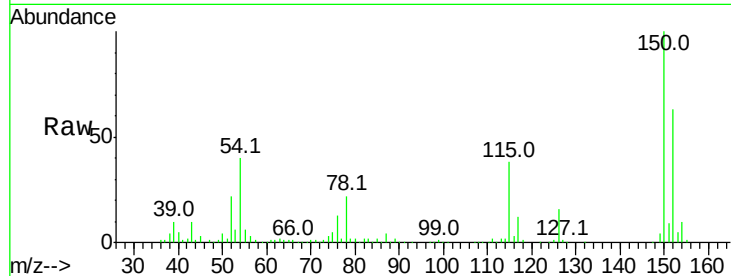


#1

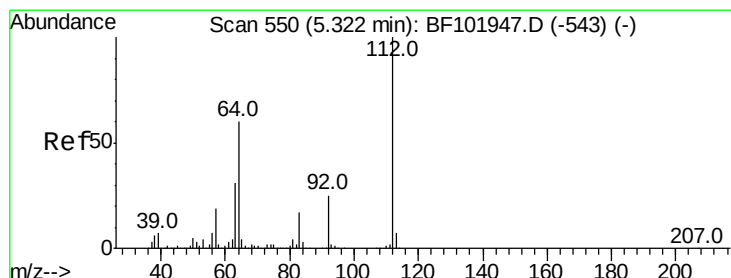
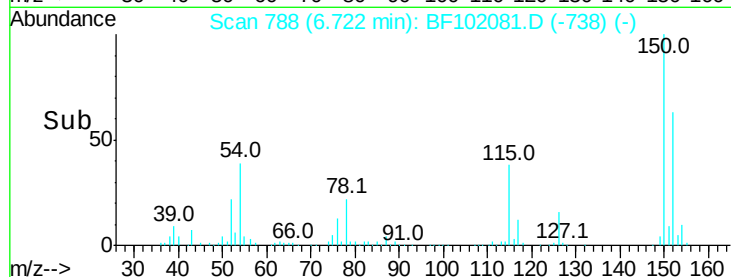
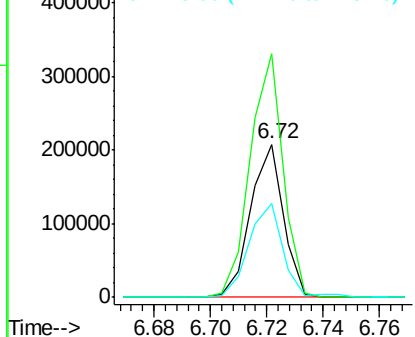
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Tot Ion:152 Resp: 167993
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 61.0 50.1 75.1



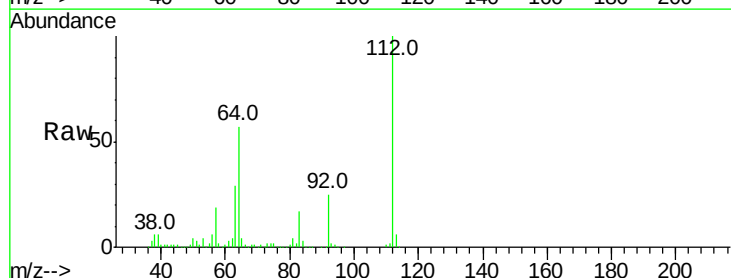
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



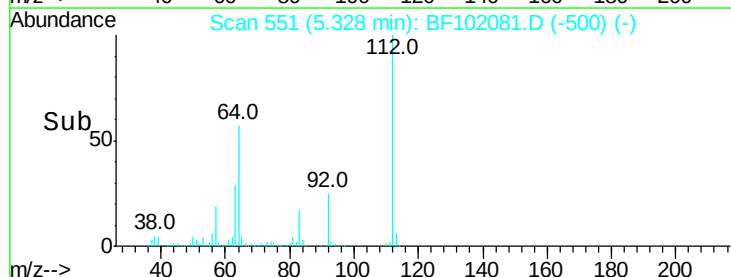
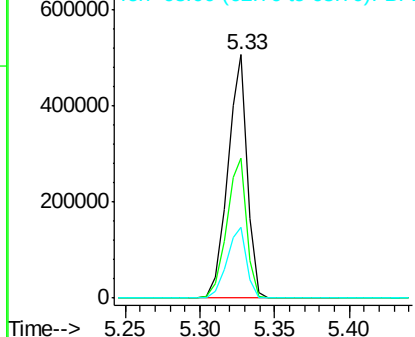
#5

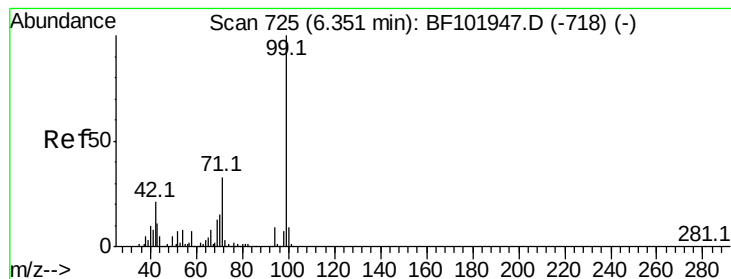
2-Fluorophenol
 Concen: 39.146 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Tgt Ion:112 Resp: 465708
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 28.8 23.7 35.5



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: 8.151 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

EFF

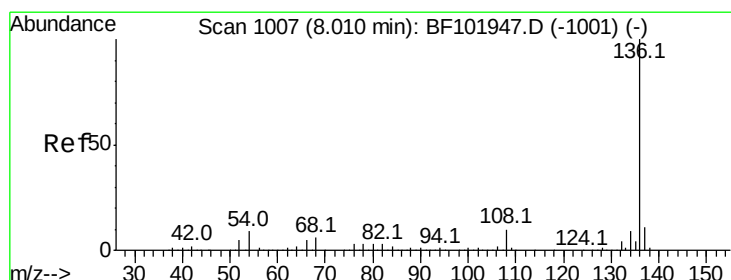
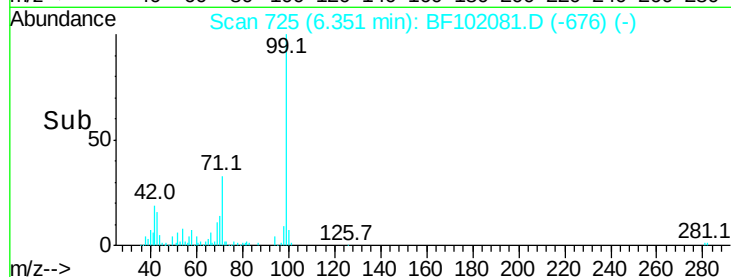
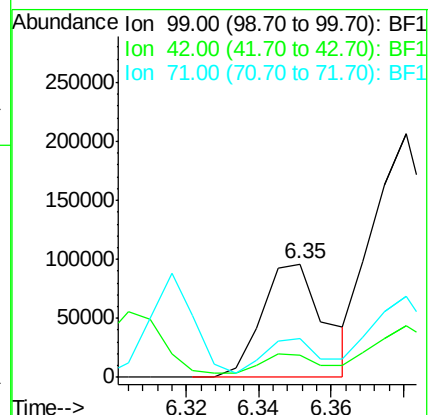
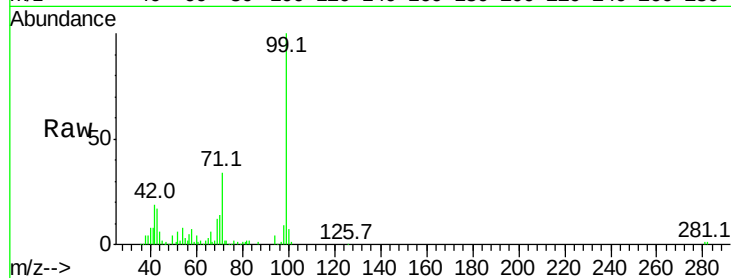
Tot Ion: 99 Resp: 115694

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Tgt Ion: 136 Resp: 548423

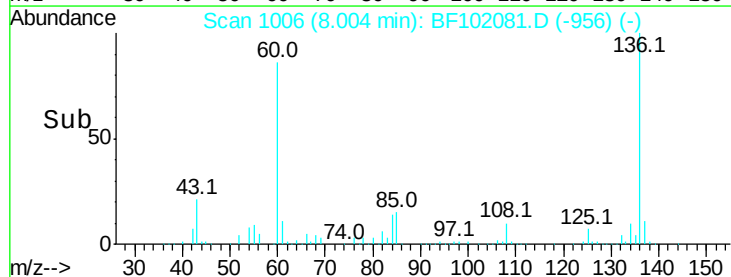
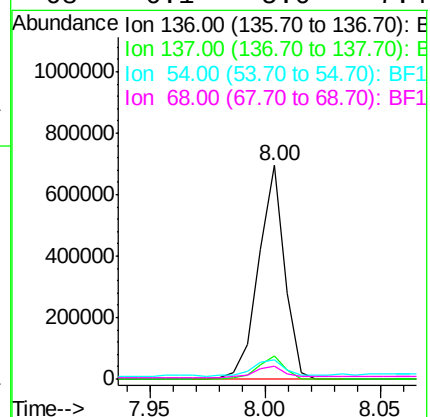
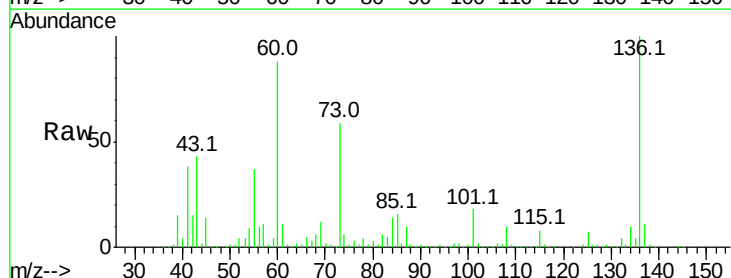
Ion Ratio Lower Upper

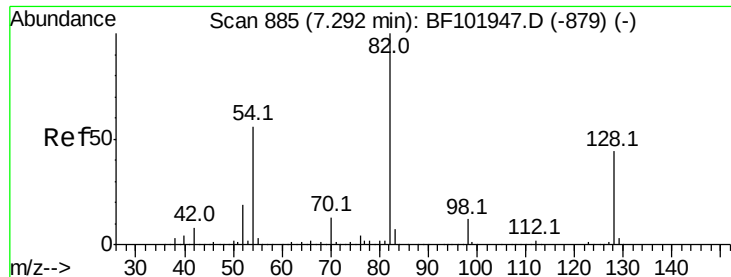
136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.1 5.0 7.4

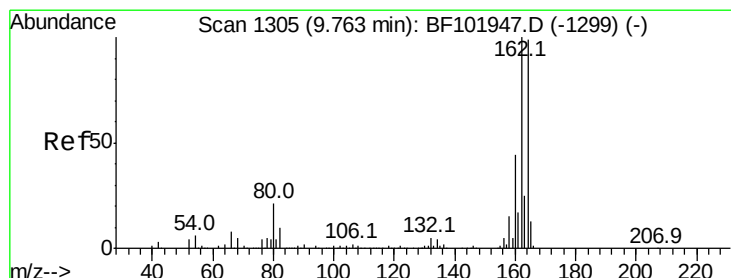
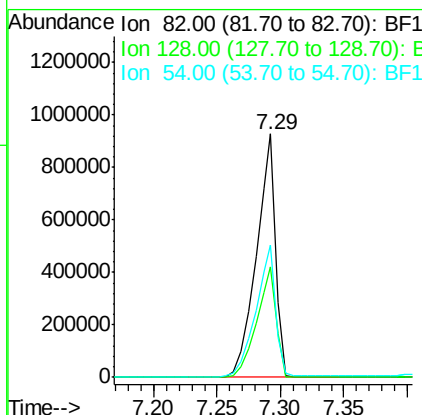
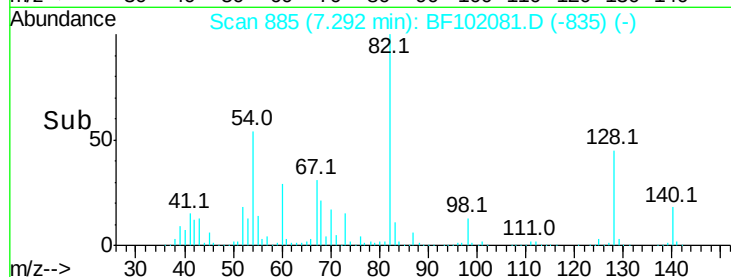
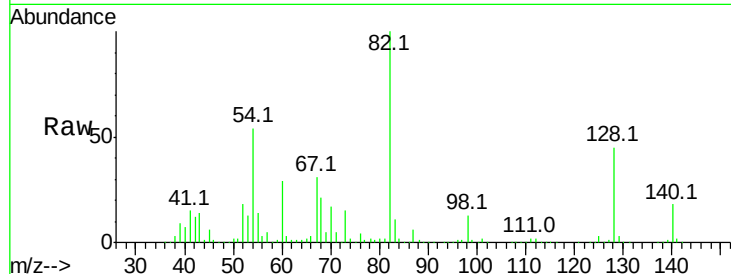




#23
Nitrobenzene-d5
Concen: 105.151 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

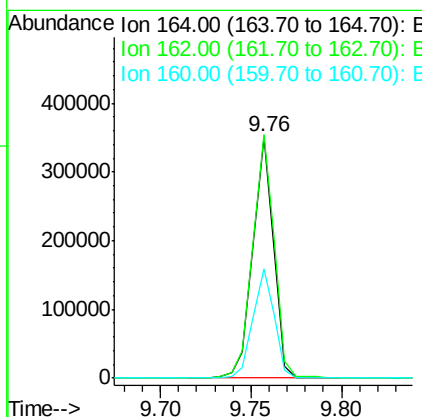
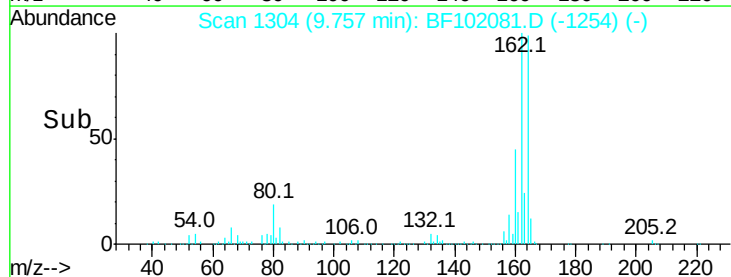
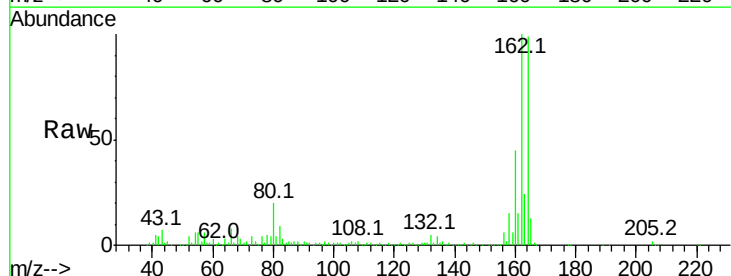
Instrument :
BNA_F
ClientSampleId :
EFF

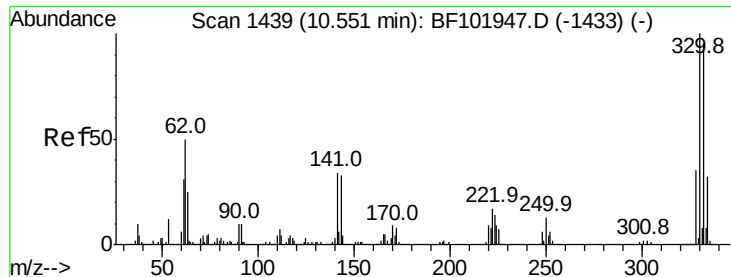
Tot Ion: 82 Resp: 981332
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 54.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion:164 Resp: 279845
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 45.1 38.3 57.5

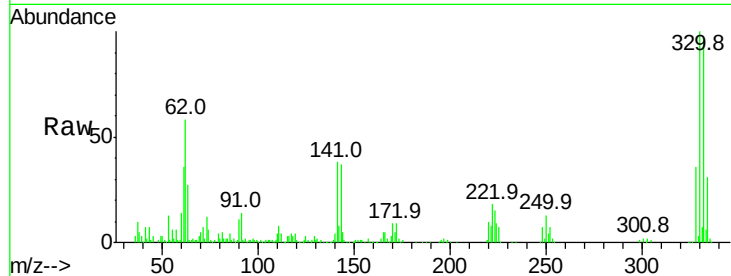




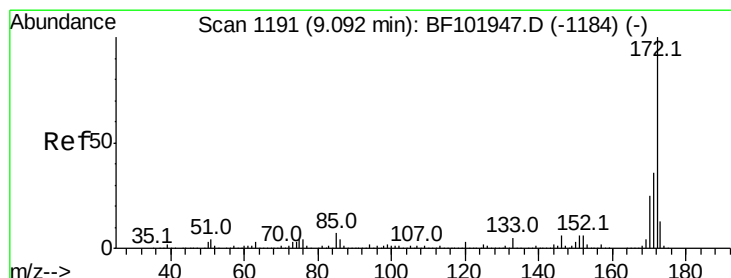
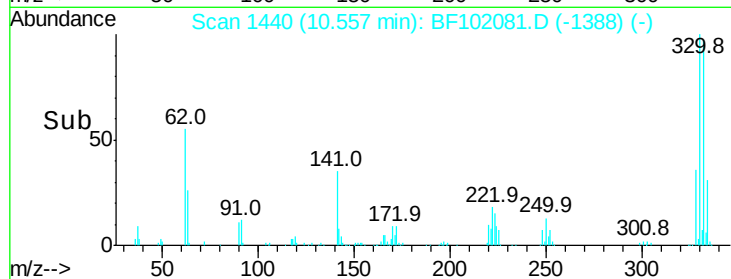
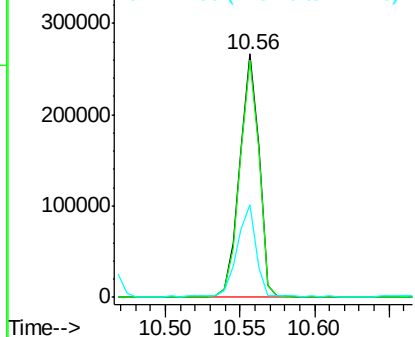
#41
 2,4,6-Tribromophenol
 Concen: 98.799 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :
 EFF

Tot Ion:330 Resp: 241283
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 36.4 29.9 44.9

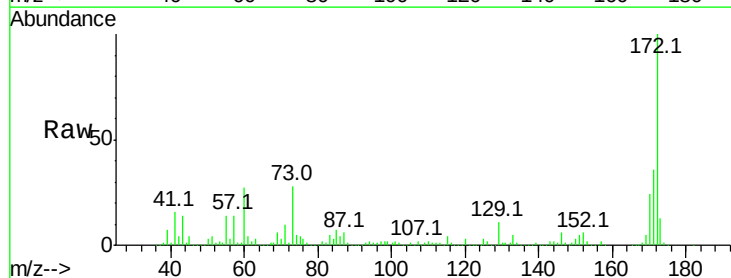


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

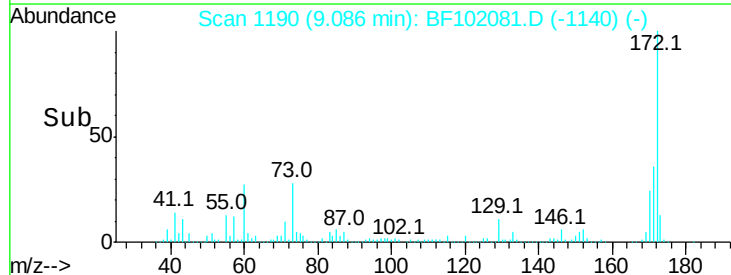
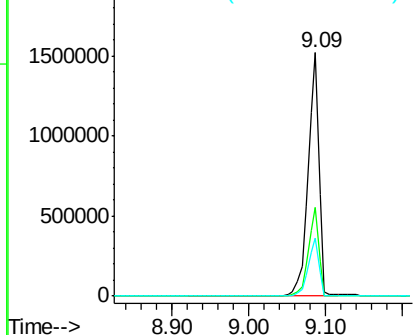


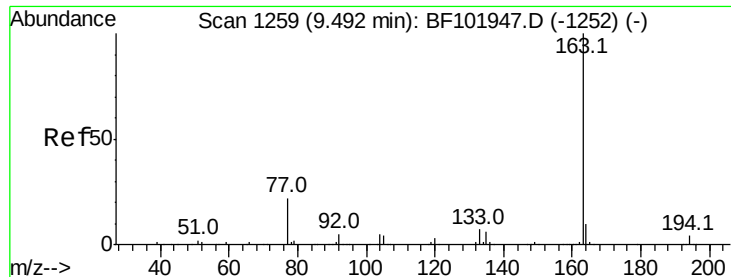
#44
 2-Fluorobiphenyl
 Concen: 84.457 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Tgt Ion:172 Resp: 1512859
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4



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

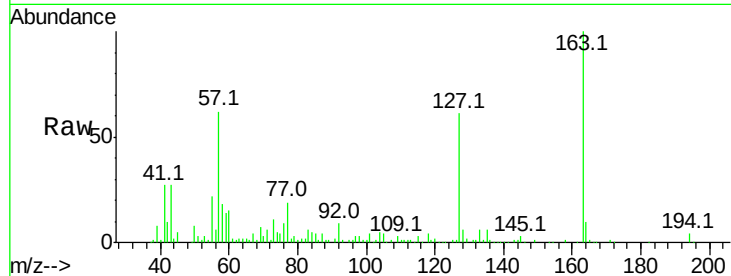




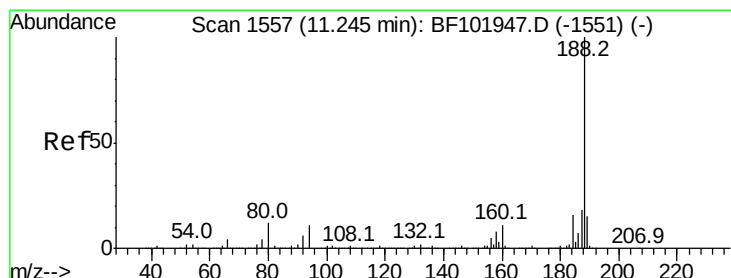
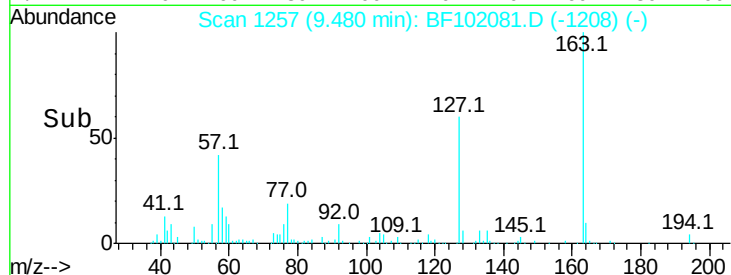
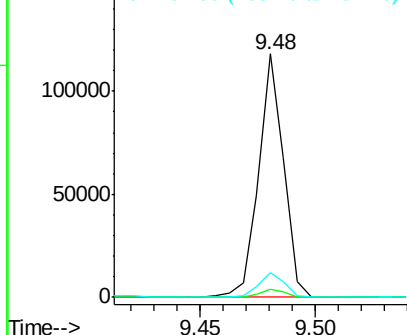
#49
Dimethylphthalate
Concen: 3.967 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampleId :
EFF

Tot Ion:163 Resp: 89064
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

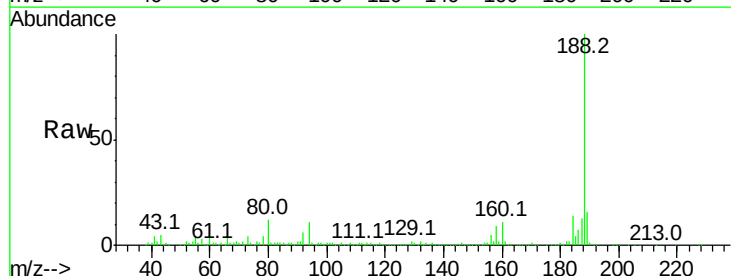


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

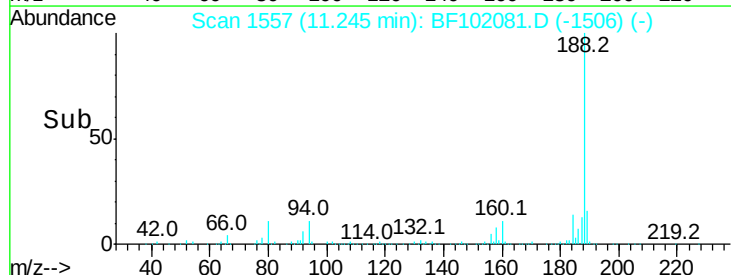
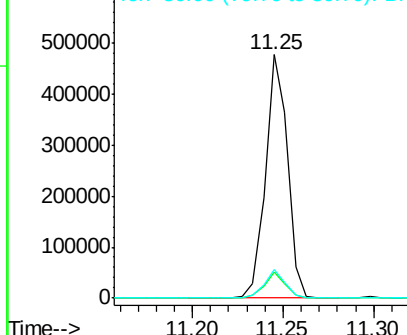


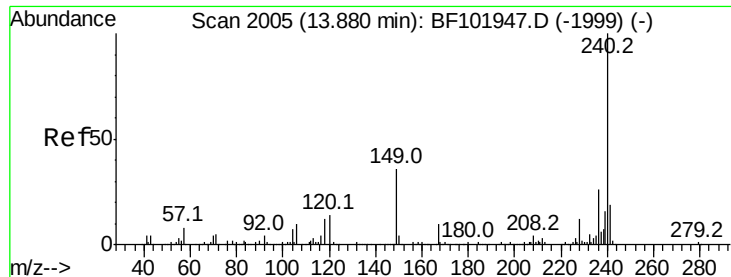
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion:188 Resp: 400817
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

EFF

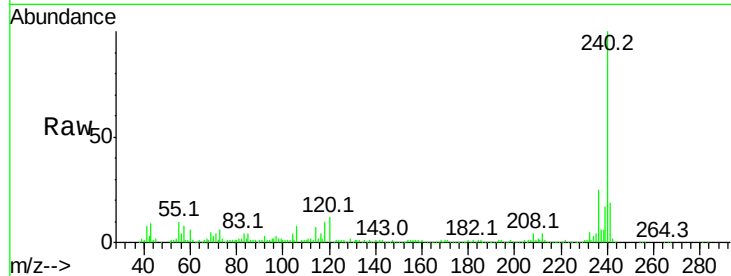
Tot Ion:240 Resp: 269349

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

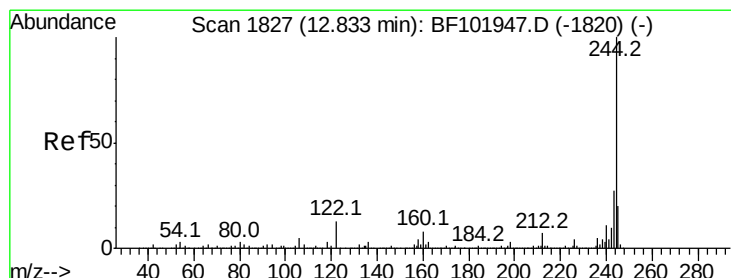
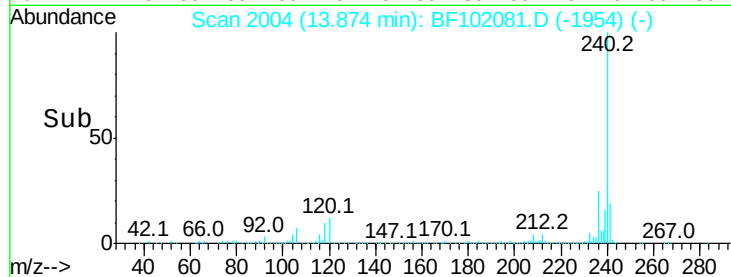
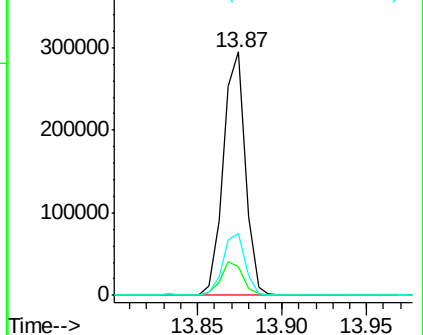
236 25.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 80.800 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

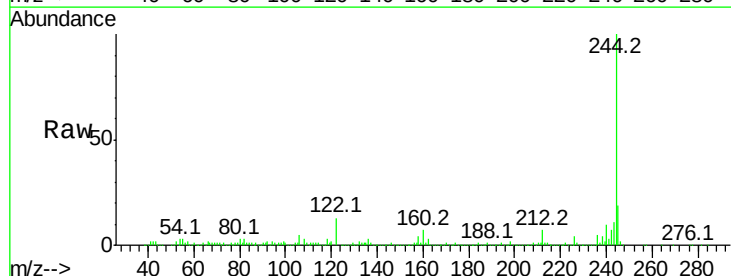
Tgt Ion:244 Resp: 1048202

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

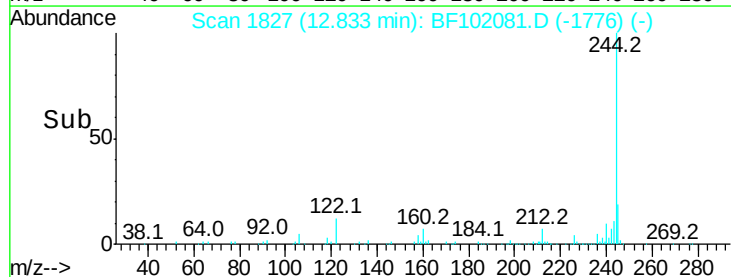
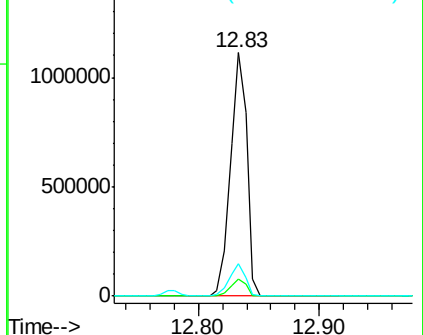
122 13.3 11.0 16.4

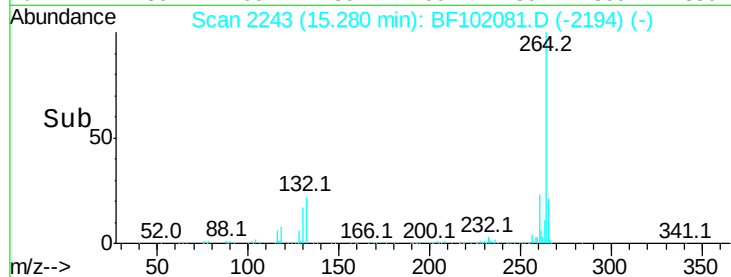
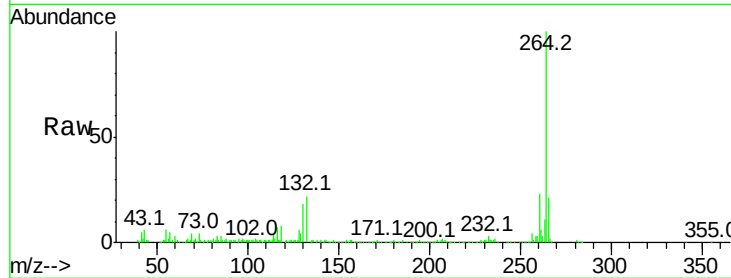
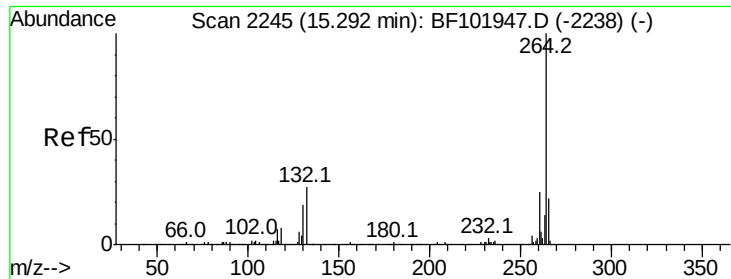


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

EFF

Tot Ion:264 Resp: 277786

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.5 26.3

