

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091616.D
 Acq On : 15 Dec 2016 8:04
 Operator : UM/SJ
 Sample : H5980-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120816-DSDC-E-D-M

Quant Time: Dec 15 11:50:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

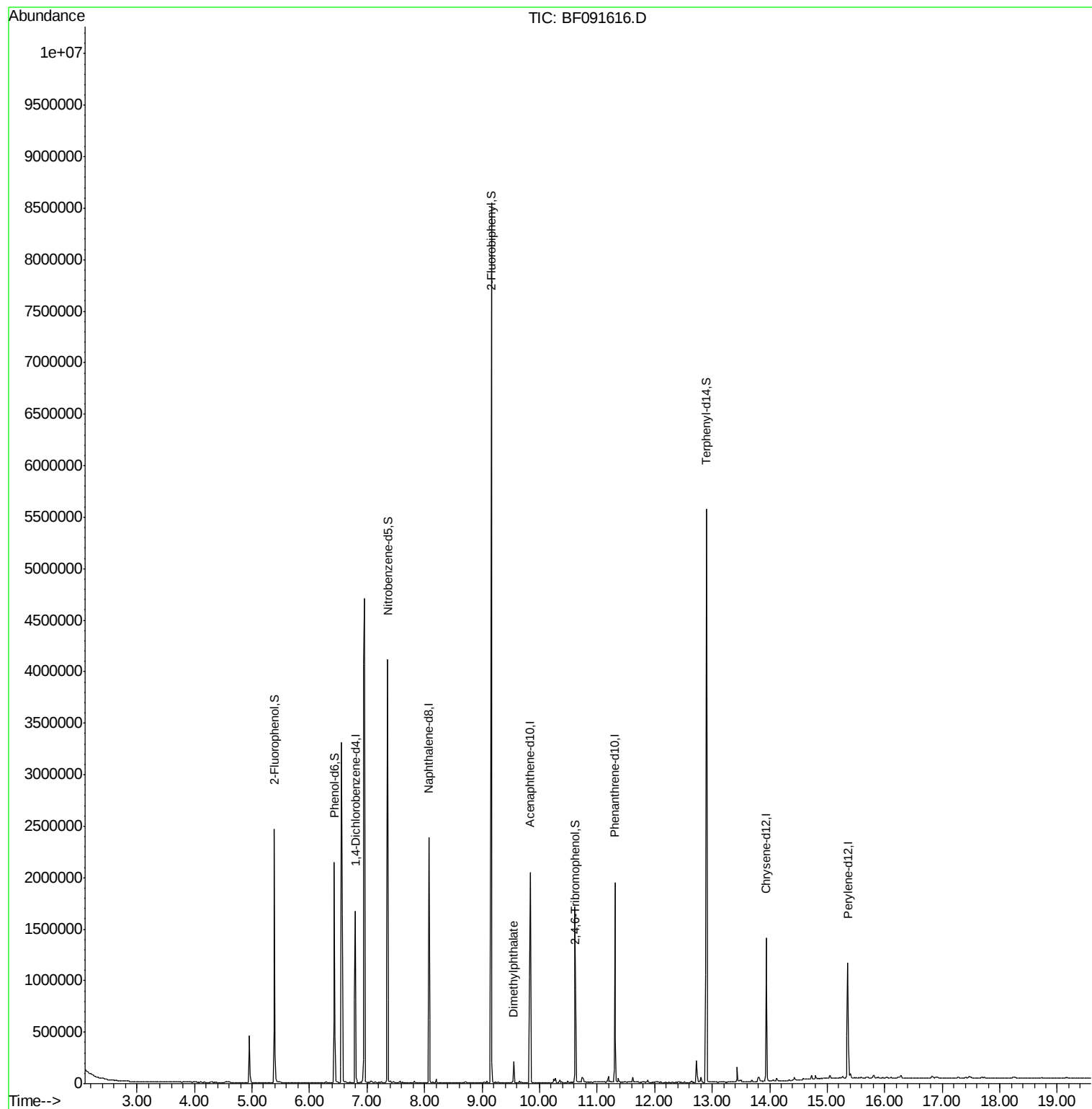
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	288147	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1068882	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	516286	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	671776	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	599224	20.00	ng	-0.02
86) Perylene-d12	15.36	264	477913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	669512	39.15	ng	-0.02
7) Phenol-d6	6.43	99	569935	26.73	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1463288	76.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	236046	55.05	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2646948	88.59	ng	-0.02
78) Terphenyl-d14	12.90	244	1810515	68.56	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	77827	2.38	ng	Qvalue # 99

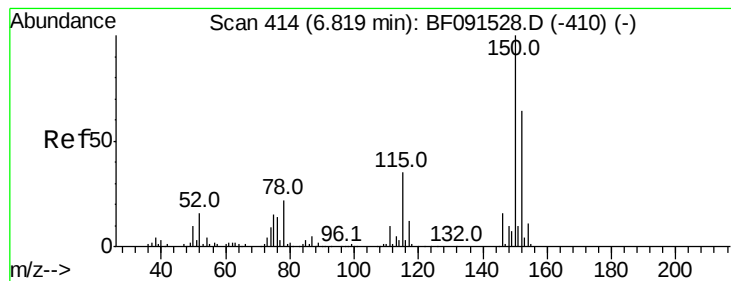
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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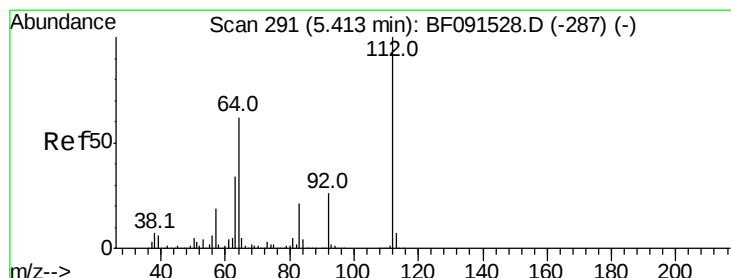
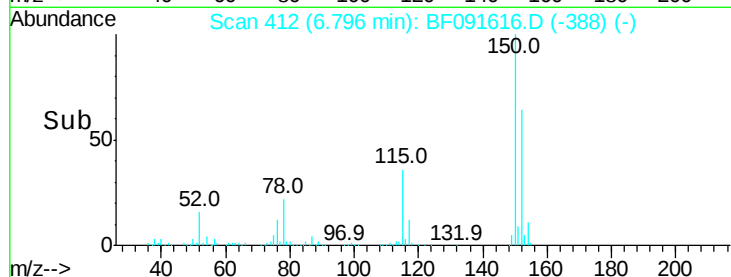
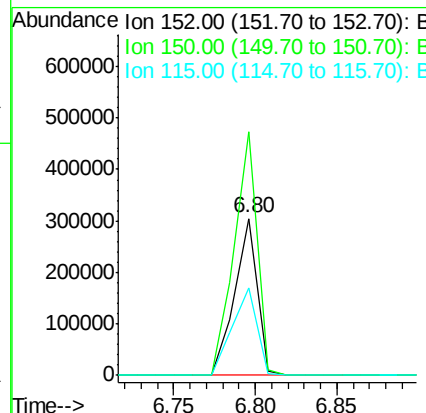
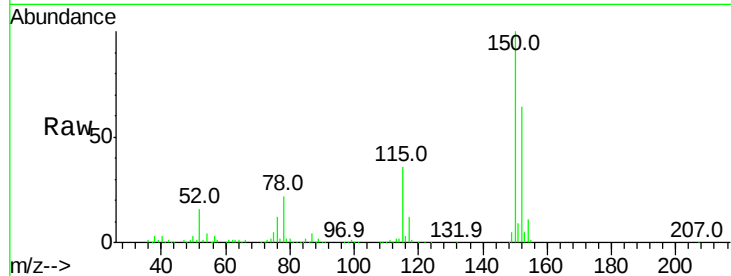


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091616.D
Acq: 15 Dec 2016 8:04

Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-D-M

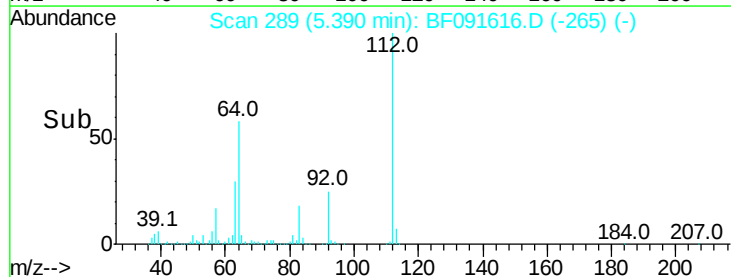
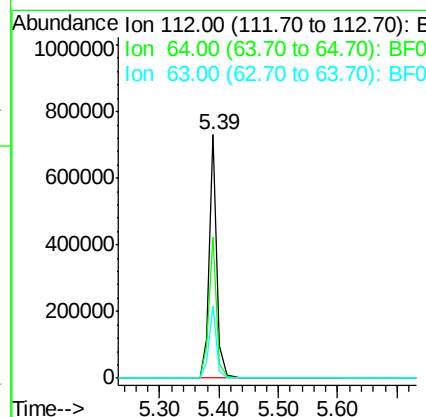
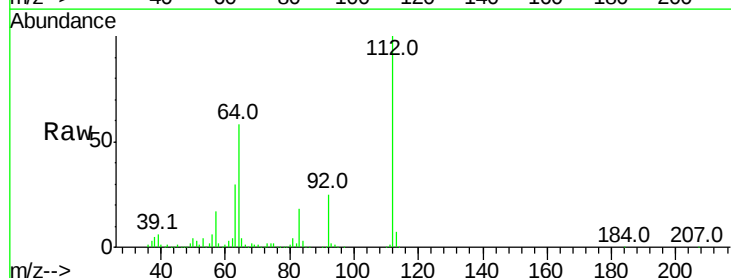
Tot Ion:152 Resp: 288147
Ion Ratio Lower Upper
152 100
150 155.4 122.5 183.7
115 55.9 51.8 77.8

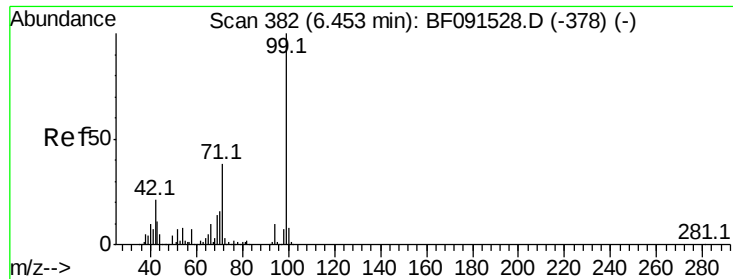


#5

2-Fluorophenol
Concen: 39.15 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091616.D
Acq: 15 Dec 2016 8:04

Tgt Ion:112 Resp: 669512
Ion Ratio Lower Upper
112 100
64 58.2 61.5 92.3#
63 29.5 33.3 49.9#





#7

Phenol-d6

Concen: 26.73 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

Instrument :

BNA_F

ClientSampleId :

120816-DSDC-E-D-M

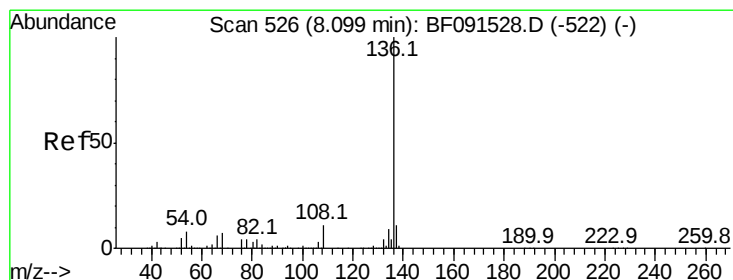
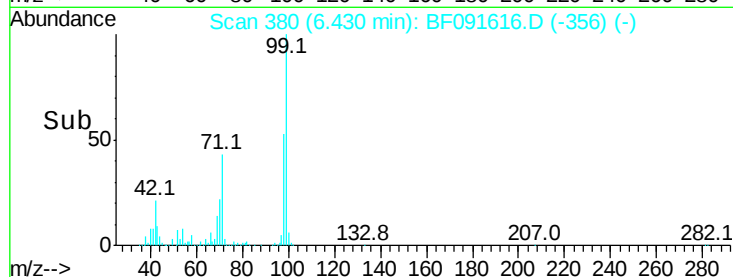
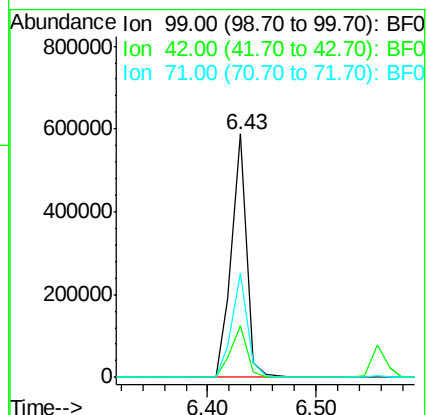
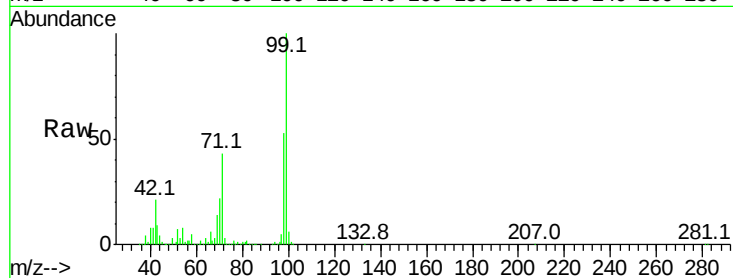
Tot Ion: 99 Resp: 569935

Ion Ratio Lower Upper

99 100

42 21.2 20.6 31.0

71 42.6 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

Tgt Ion: 136 Resp: 1068882

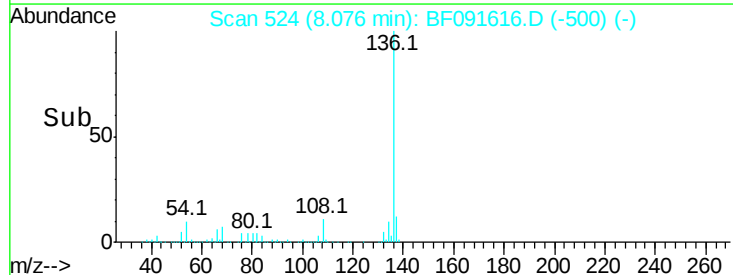
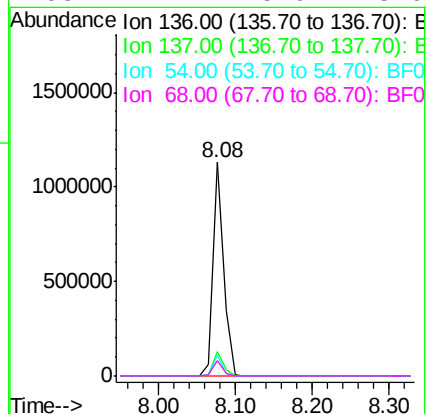
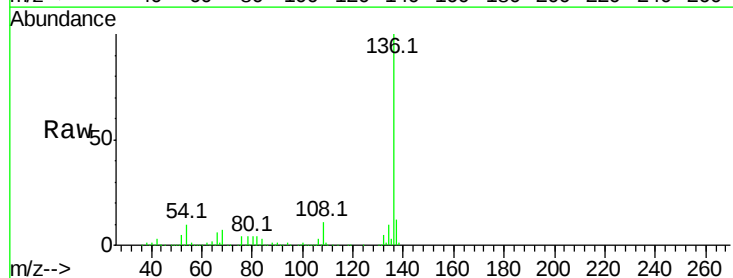
Ion Ratio Lower Upper

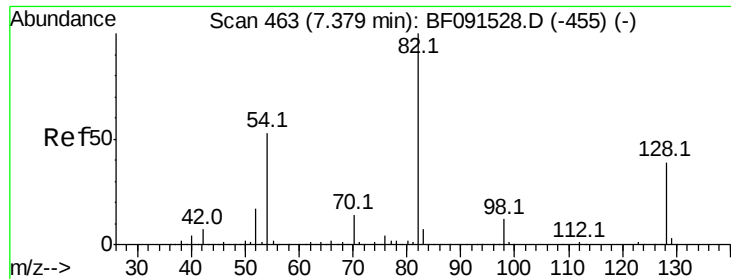
136 100

137 11.7 9.1 13.7

54 9.6 9.1 13.7

68 7.4 5.9 8.9

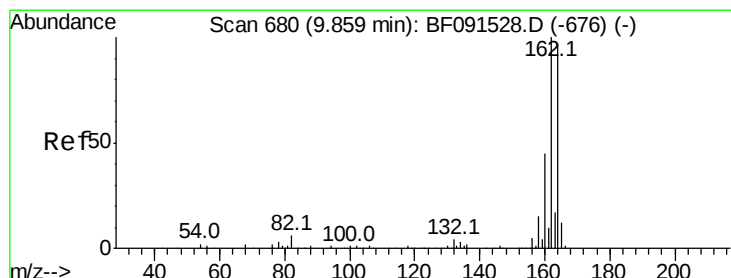
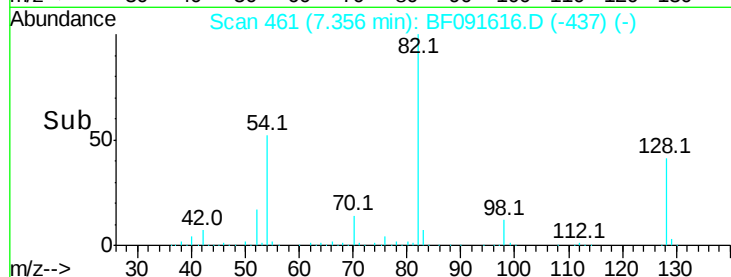
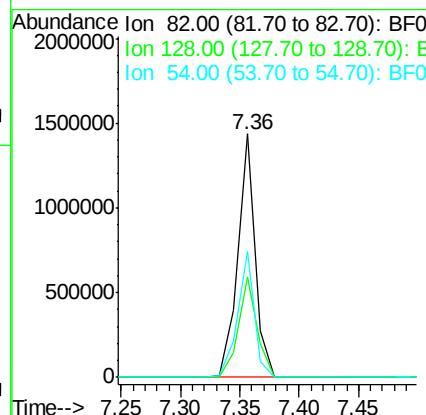
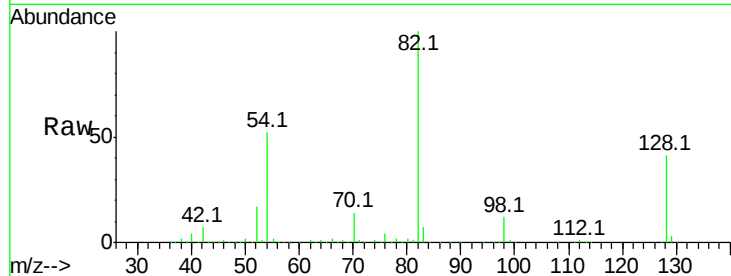




#23
 Nitrobenzene-d5
 Concen: 76.41 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091616.D
 Acq: 15 Dec 2016 8:04

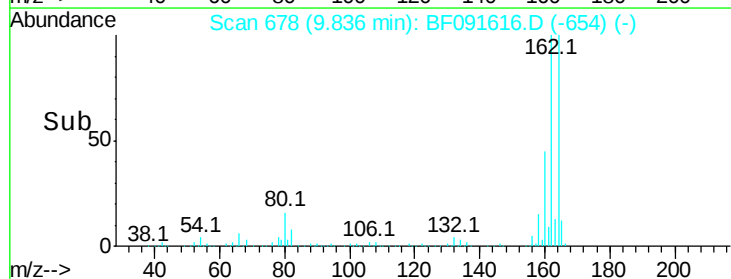
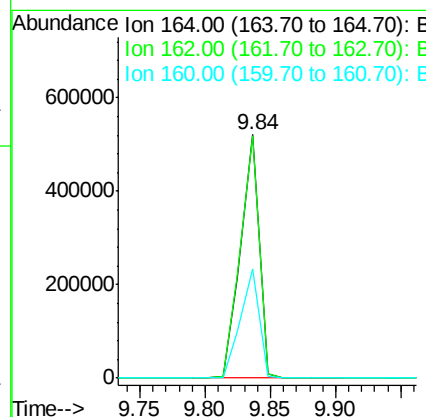
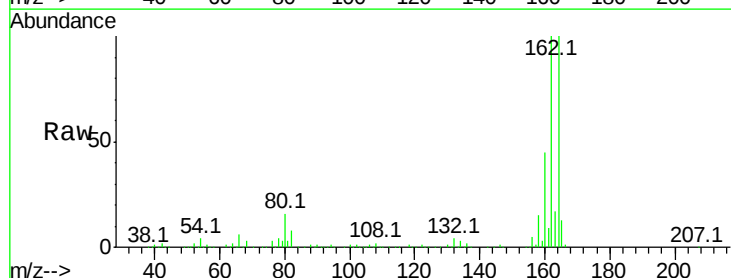
Instrument :
 BNA_F
 ClientSampleId :
 120816-DSDC-E-D-M

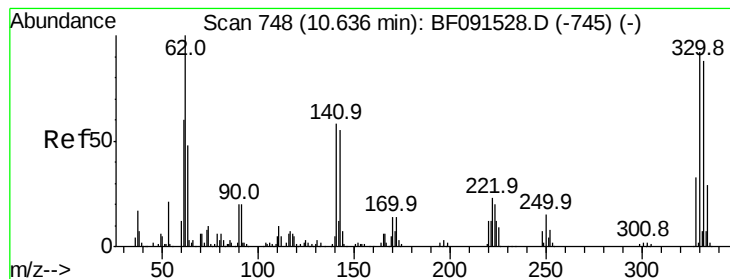
Tot Ion: 82 Resp: 1463288
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 51.9 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091616.D
 Acq: 15 Dec 2016 8:04

Tgt Ion:164 Resp: 516286
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.6 124.0
 160 44.8 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 55.05 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

Instrument :

BNA_F

ClientSampleId :

120816-DSDC-E-D-M

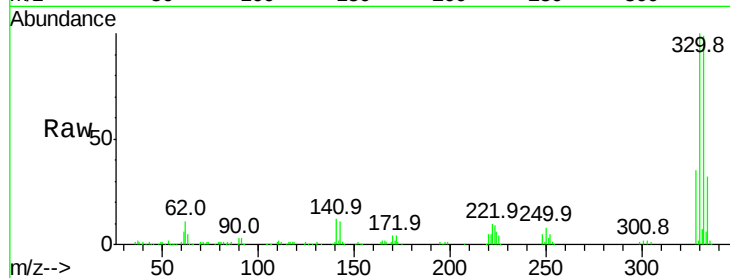
Tot Ion:330 Resp: 236046

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

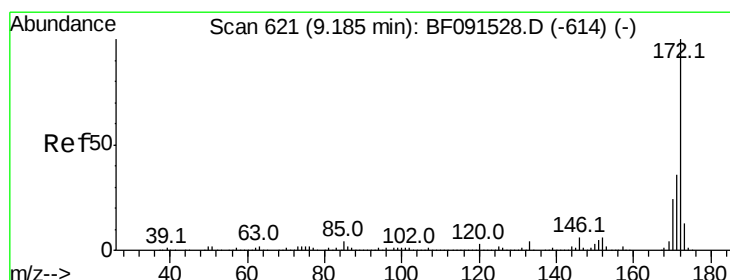
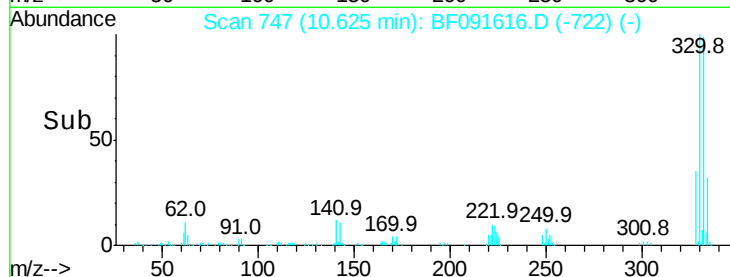
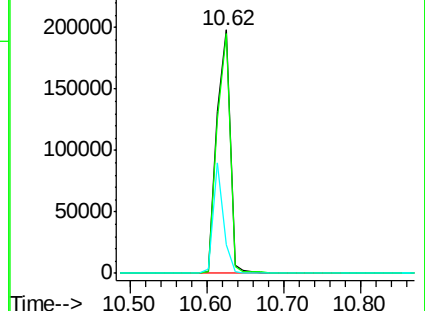
141 35.1 33.6 50.4



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: 88.59 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

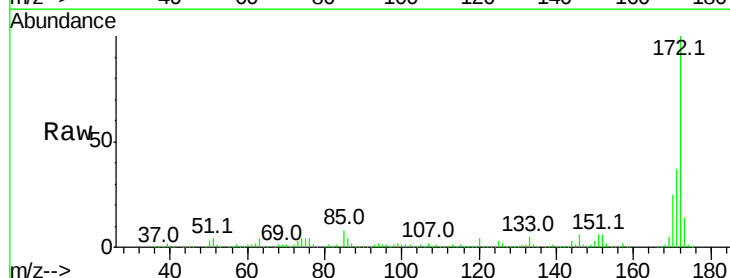
Tgt Ion:172 Resp: 2646948

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

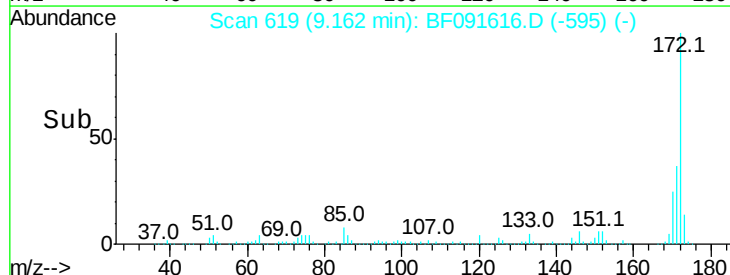
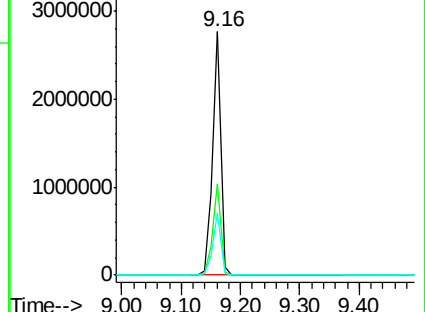
170 25.4 19.7 29.5

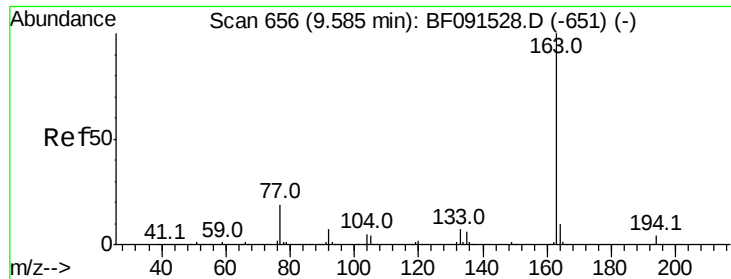


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

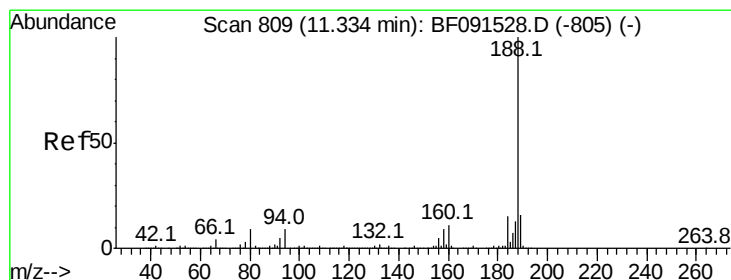
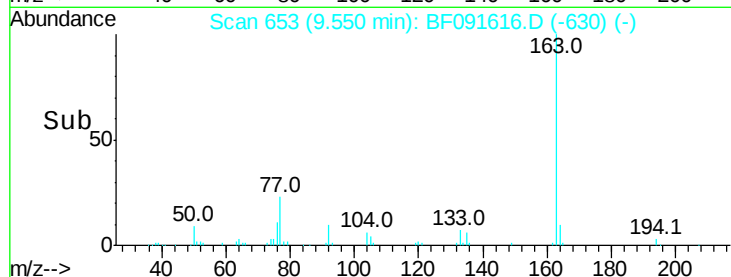
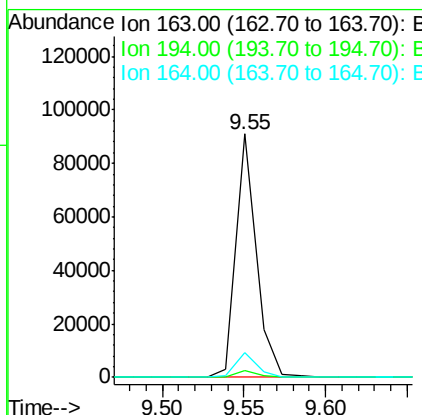
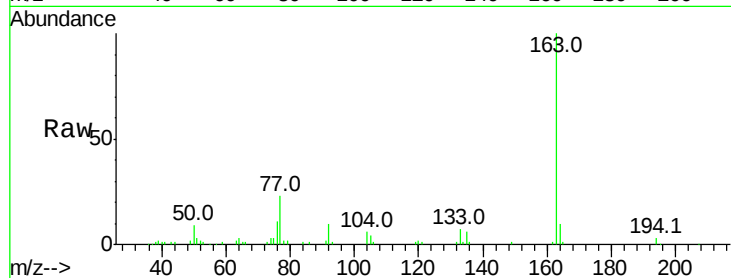




#49
Dimethylphthalate
Concen: 2.38 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091616.D
Acq: 15 Dec 2016 8:04

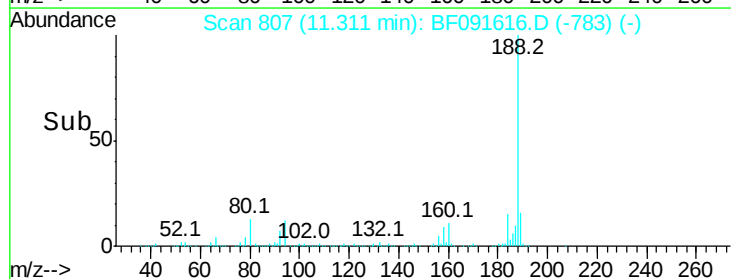
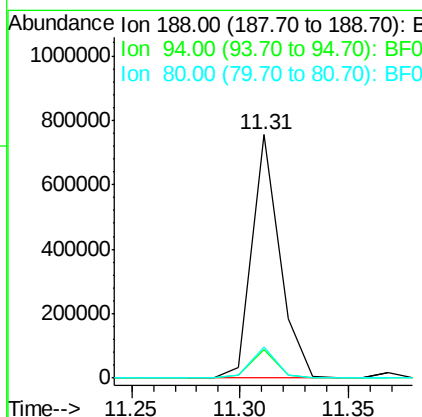
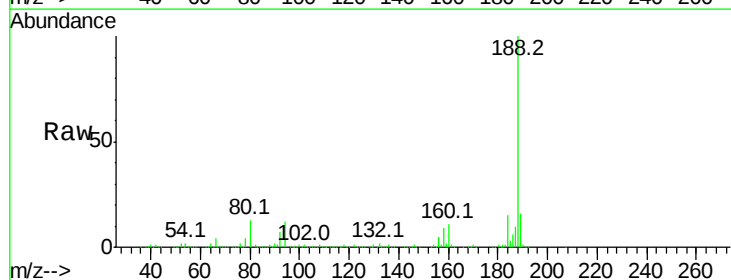
Instrument :
BNA_F
ClientSampleId :
120816-DSDC-E-D-M

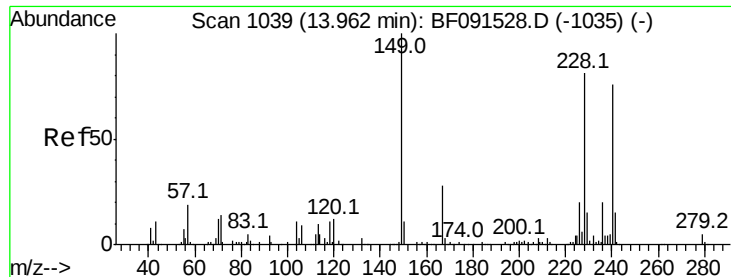
Tot Ion:163 Resp: 77827
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.0 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091616.D
Acq: 15 Dec 2016 8:04

Tgt Ion:188 Resp: 671776
Ion Ratio Lower Upper
188 100
94 11.7 9.2 13.8
80 12.8 10.5 15.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

Instrument :

BNA_F

ClientSampleId :

120816-DSDC-E-D-M

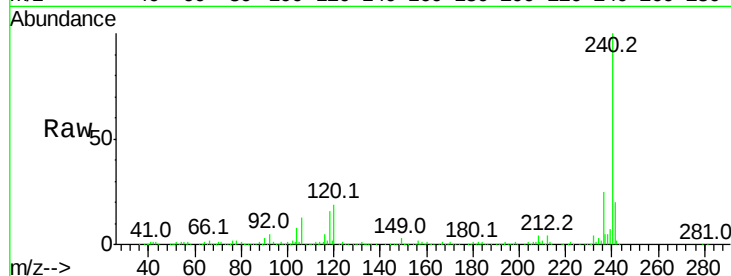
Tot Ion:240 Resp: 599224

Ion Ratio Lower Upper

240 100

120 18.6 12.1 18.1#

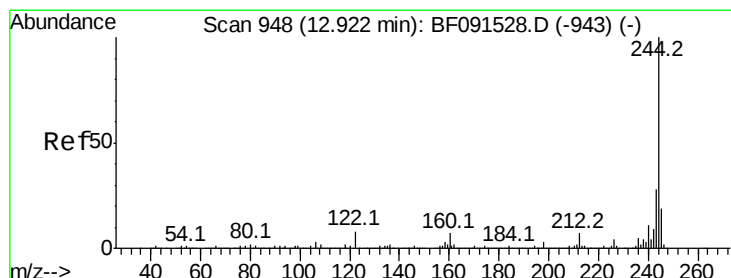
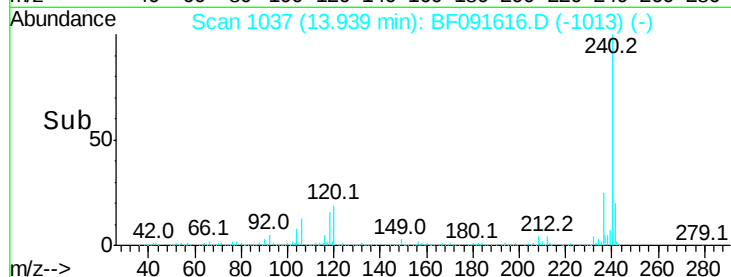
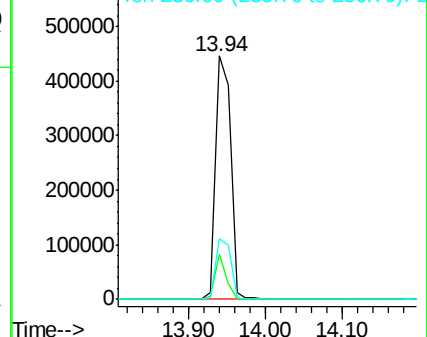
236 24.9 21.0 31.6



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: 68.56 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091616.D

Acq: 15 Dec 2016 8:04

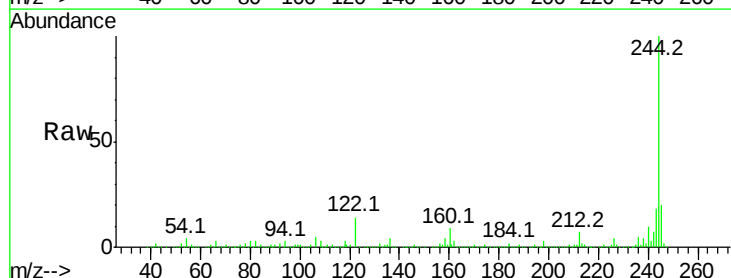
Tgt Ion:244 Resp: 1810515

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

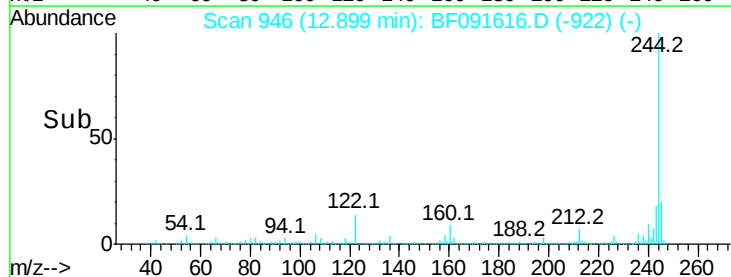
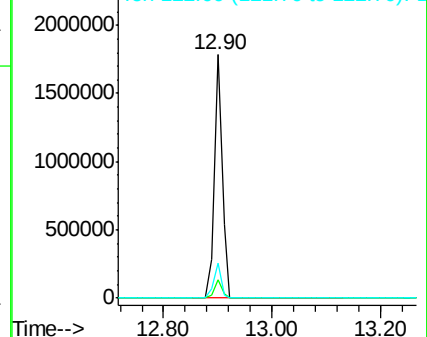
122 14.4 9.5 14.3#

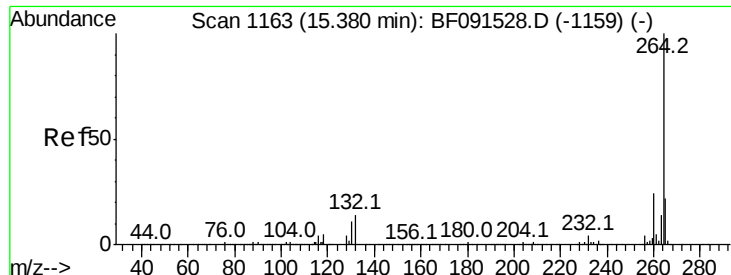


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

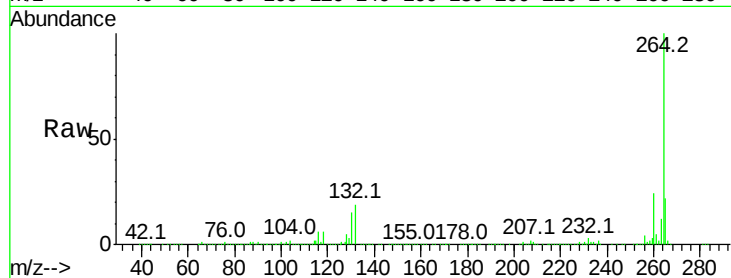




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF091616.D
 Acq: 15 Dec 2016 8:04

Instrument :
 BNA_F
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 120816-DSDC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.5	17.0	25.6



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

