

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091618.D
 Acq On : 15 Dec 2016 8:59
 Operator : UM/SJ
 Sample : H5982-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120916-DSDC-E-D-M

Quant Time: Dec 15 11:52:04 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	297602	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1123205	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	521723	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	687784	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	618669	20.00	ng	-0.01
86) Perylene-d12	15.36	264	492365	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	651496	36.88	ng	-0.02
7) Phenol-d6	6.43	99	564444	25.63	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1500025	74.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	239807	55.34	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2719006	90.05	ng	-0.02
78) Terphenyl-d14	12.90	244	1891312	69.37	ng	-0.02

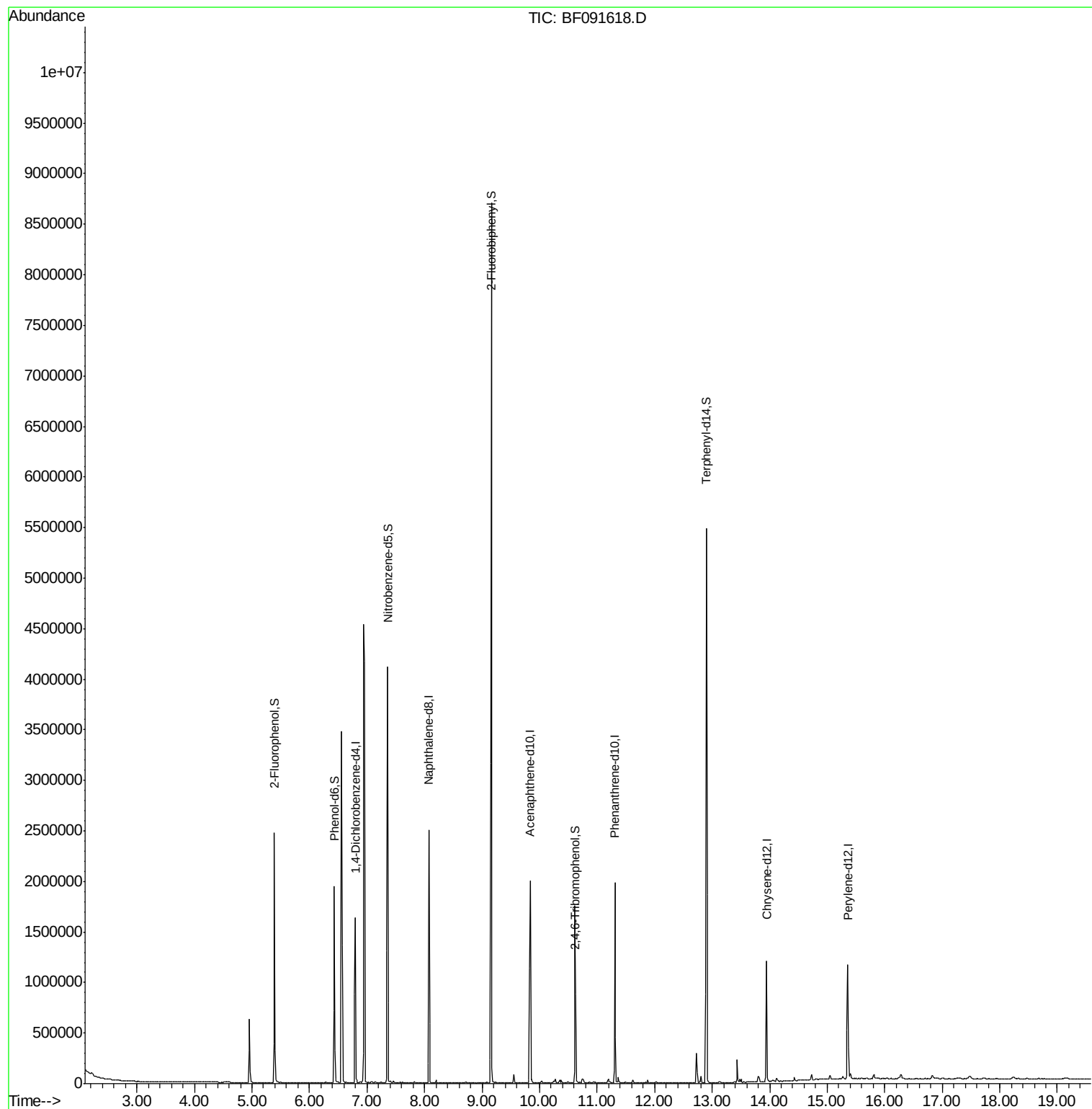
Target Compounds Qvalue

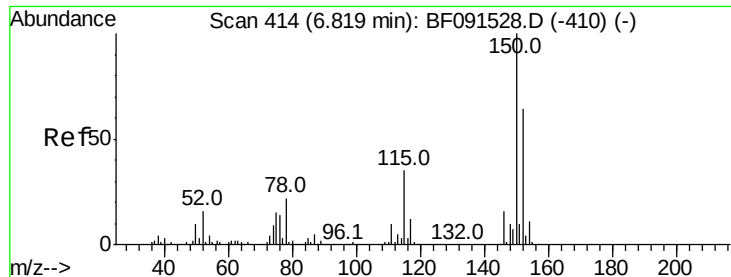
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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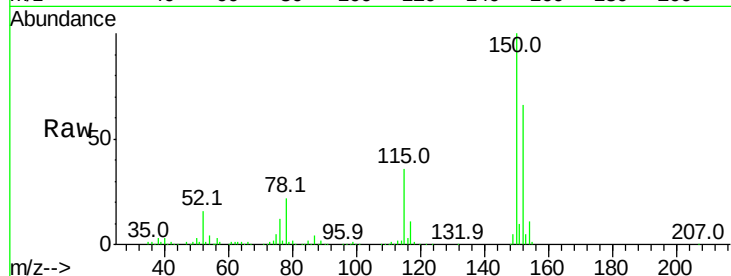


#1

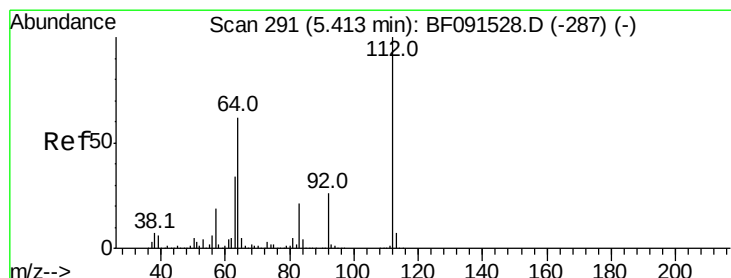
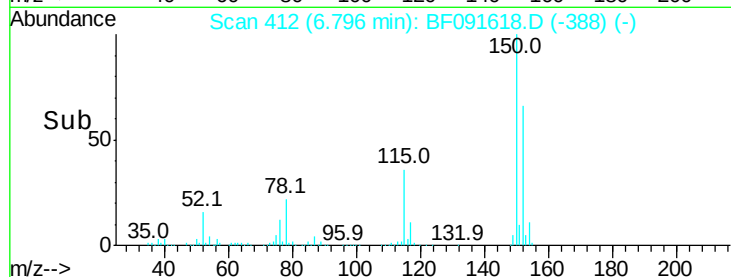
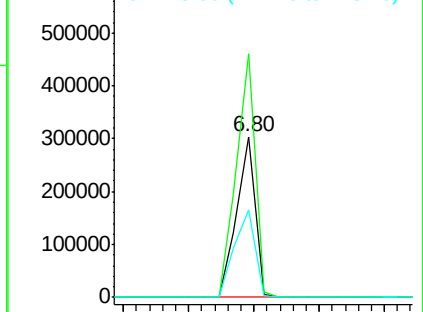
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091618.D
Acq: 15 Dec 2016 8:59

Instrument :
BNA_F
ClientSampleId :
120916-DSDC-E-D-M

Tot Ion:152 Resp: 297602
Ion Ratio Lower Upper
152 100
150 151.7 122.5 183.7
115 54.6 51.8 77.8



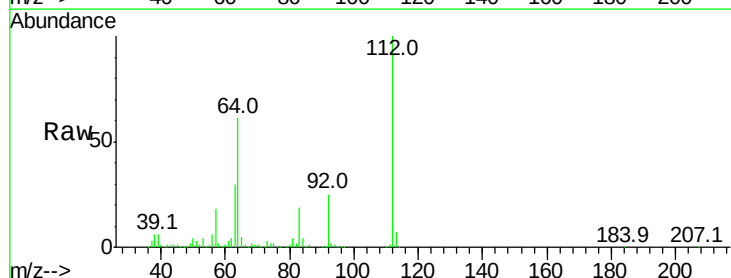
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



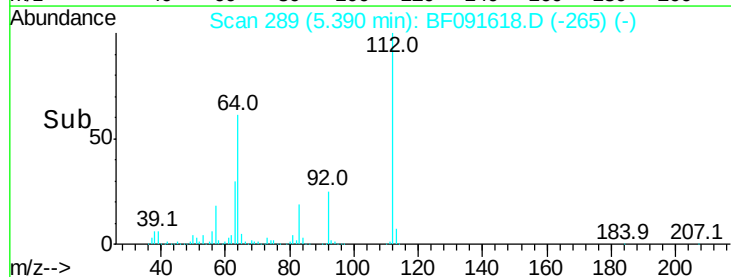
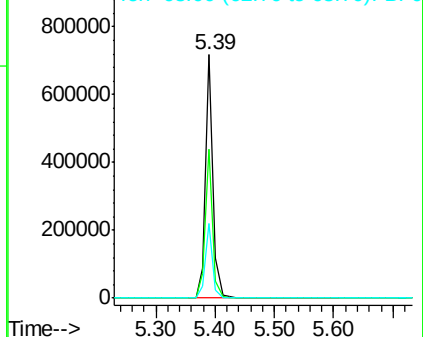
#5

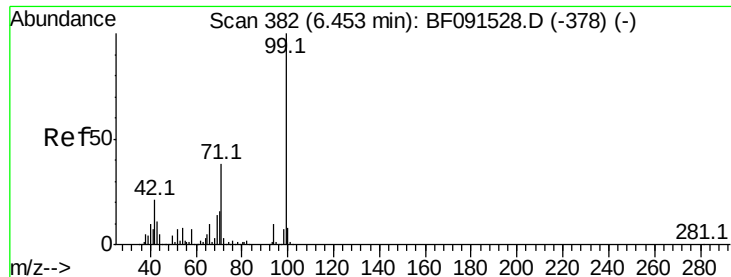
2-Fluorophenol
Concen: 36.88 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091618.D
Acq: 15 Dec 2016 8:59

Tgt Ion:112 Resp: 651496
Ion Ratio Lower Upper
112 100
64 61.0 61.5 92.3#
63 30.4 33.3 49.9#



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: 25.63 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-D-M

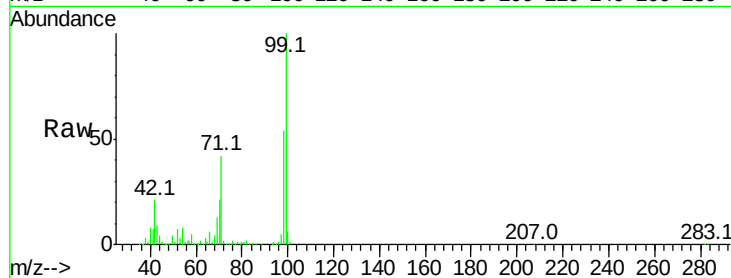
Tot Ion: 99 Resp: 564444

Ion Ratio Lower Upper

99 100

42 20.7 20.6 31.0

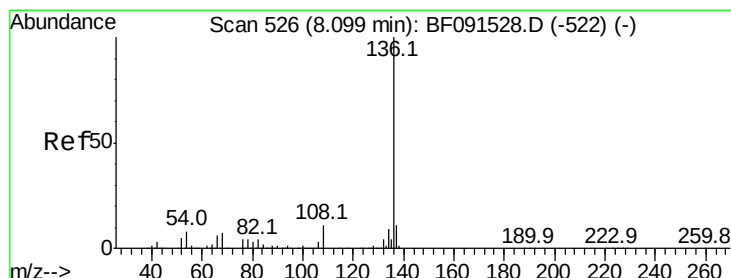
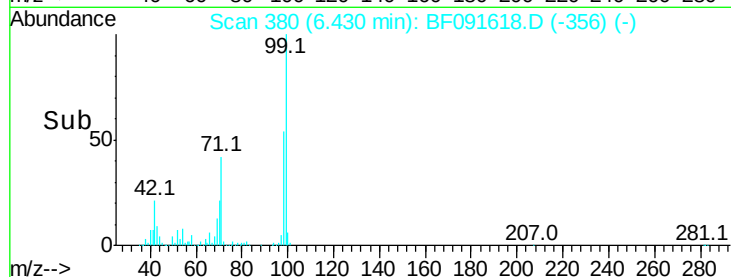
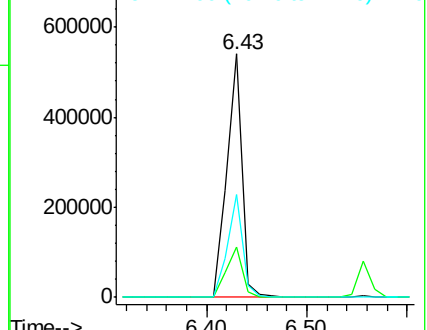
71 42.1 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

Tgt Ion: 136 Resp: 1123205

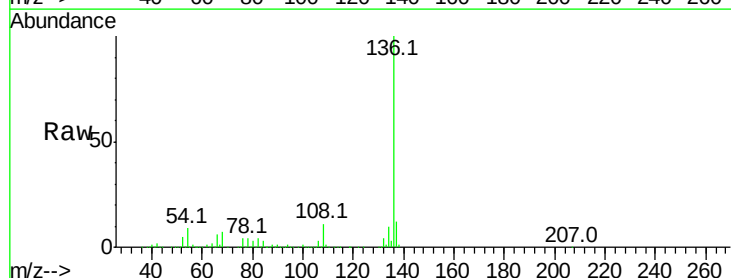
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.1 9.1 13.7#

68 7.2 5.9 8.9

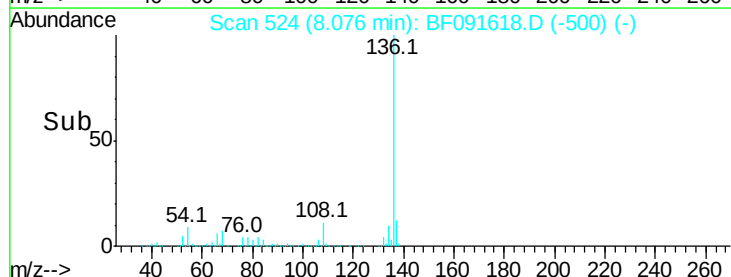
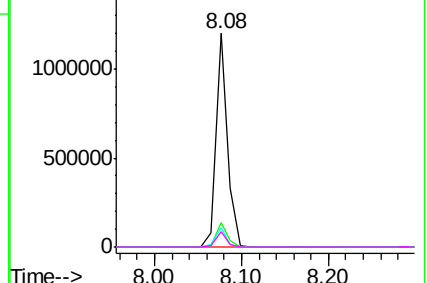


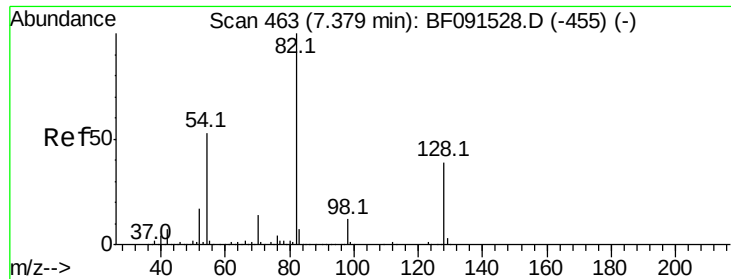
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

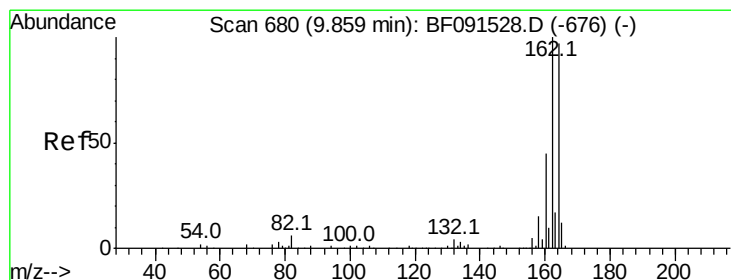
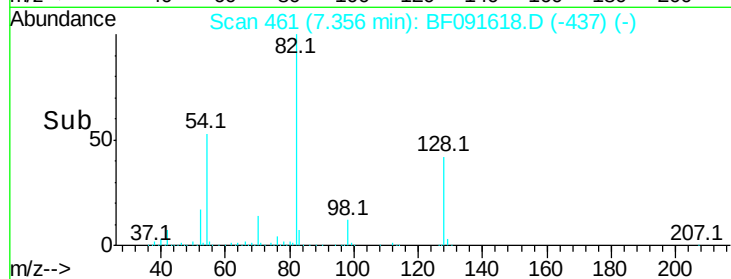
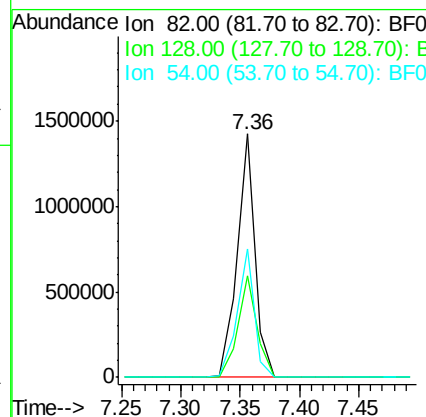
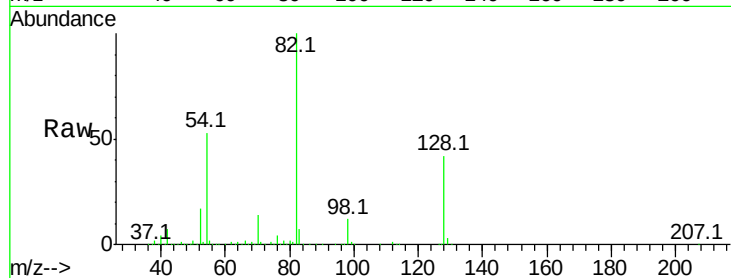




#23
 Nitrobenzene-d5
 Concen: 74.54 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091618.D
 Acq: 15 Dec 2016 8:59

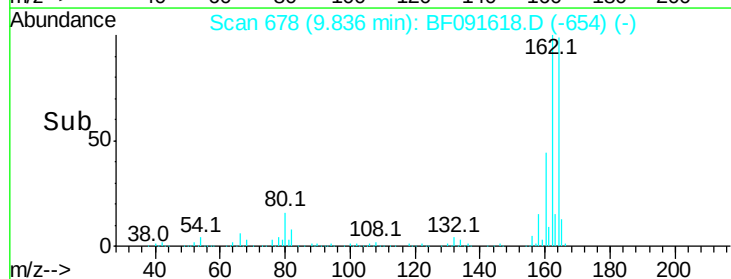
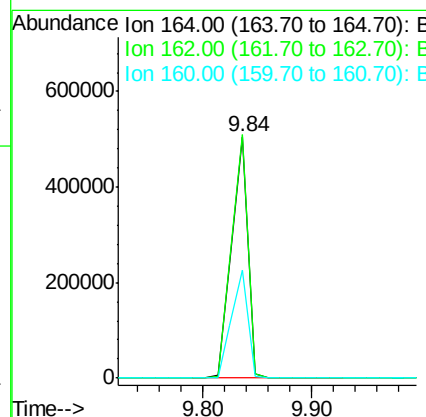
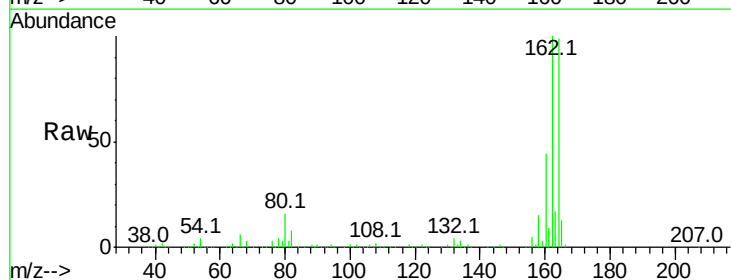
Instrument :
 BNA_F
 ClientSampleId :
 120916-DSDC-E-D-M

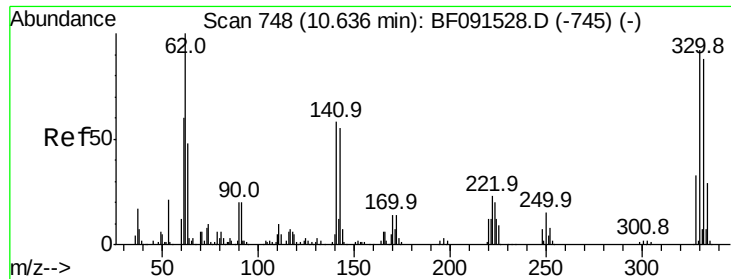
Tot Ion: 82 Resp: 1500025
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.8 47.6
 54 52.9 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: BF091618.D
 Acq: 15 Dec 2016 8:59

Tgt Ion: 164 Resp: 521723
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 124.0
 160 44.8 36.7 55.1

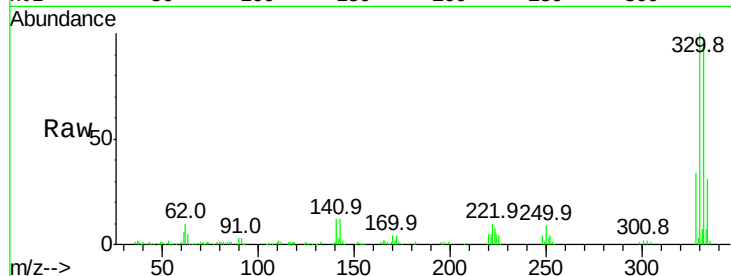




#41
 2,4,6-Tribromophenol
 Concen: 55.34 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091618.D
 Acq: 15 Dec 2016 8:59

Instrument :
 BNA_F
 ClientSampleId :
 120916-DSDC-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	35.0	33.6	50.4

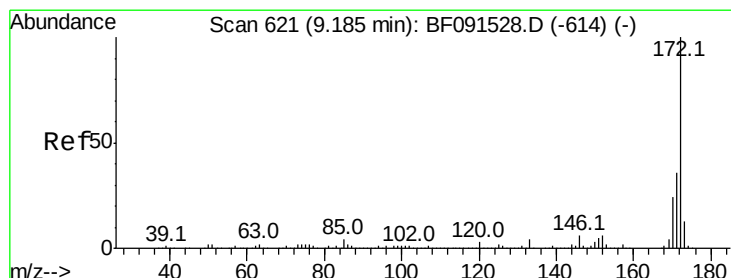
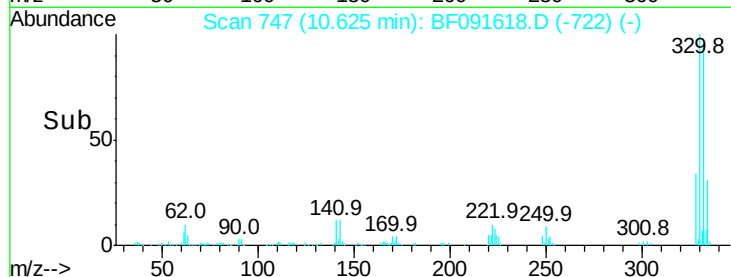
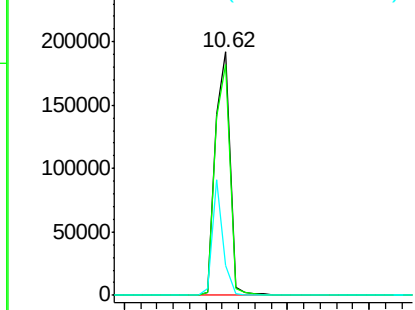


Abundance

Ion 329.80 (329.50 to 330.50): E

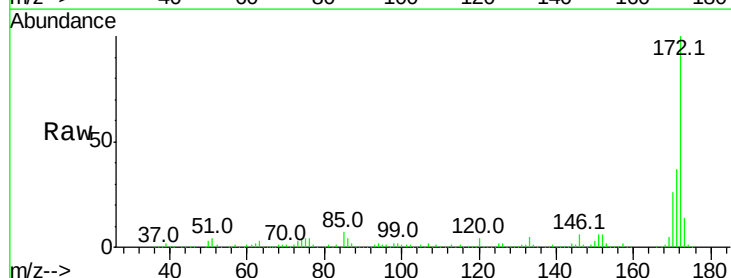
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF091618.D
 Acq: 15 Dec 2016 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.5	19.7	29.5

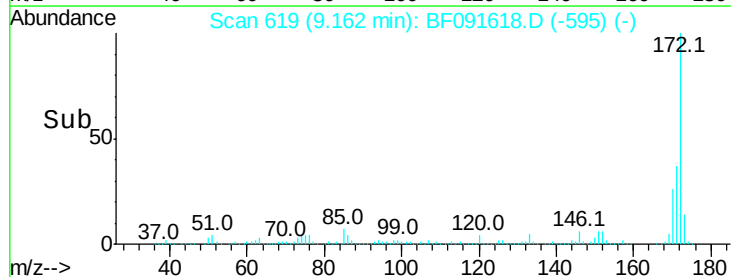
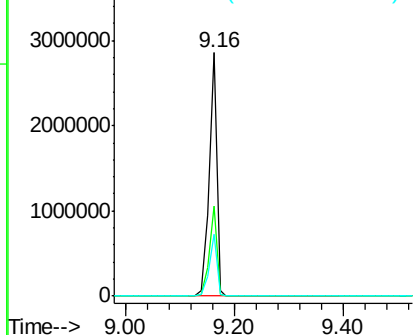


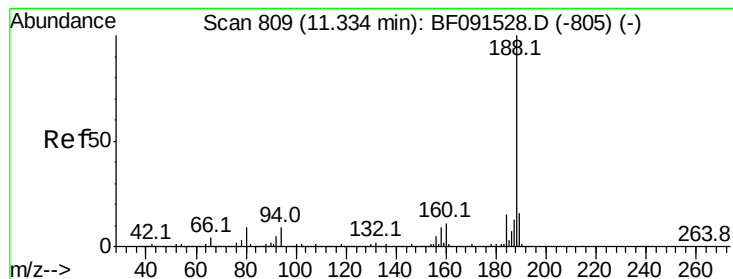
Abundance

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-D-M

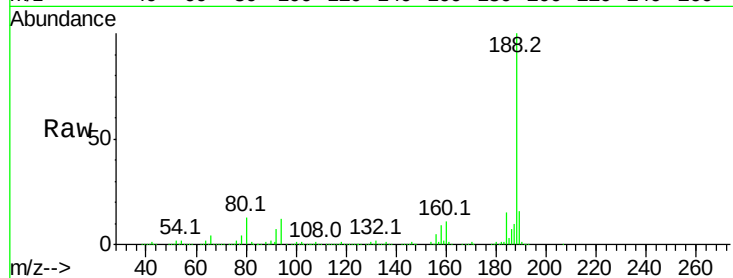
Tot Ion:188 Resp: 687784

Ion Ratio Lower Upper

188 100

94 11.9 9.2 13.8

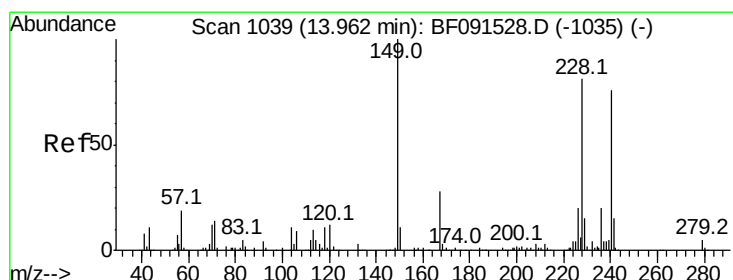
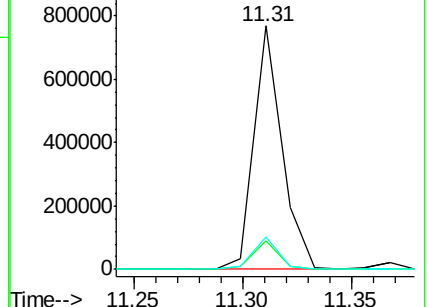
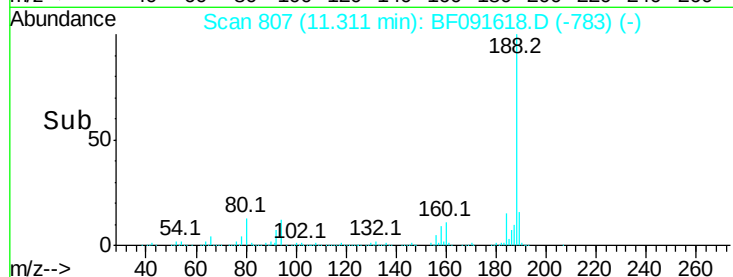
80 13.1 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

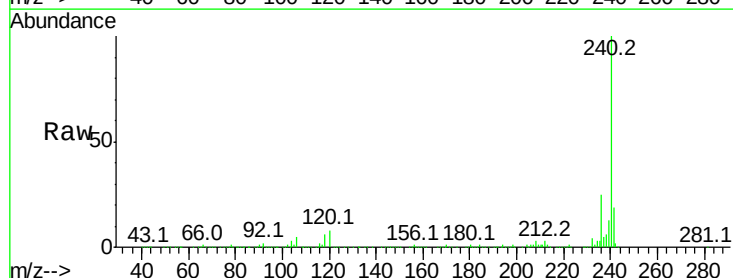
Tgt Ion:240 Resp: 618669

Ion Ratio Lower Upper

240 100

120 7.6 12.1 18.1#

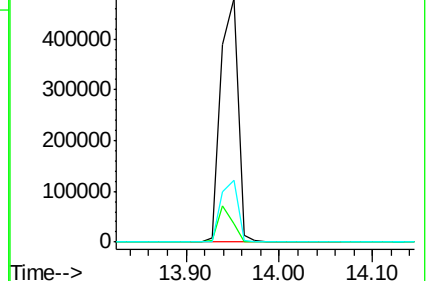
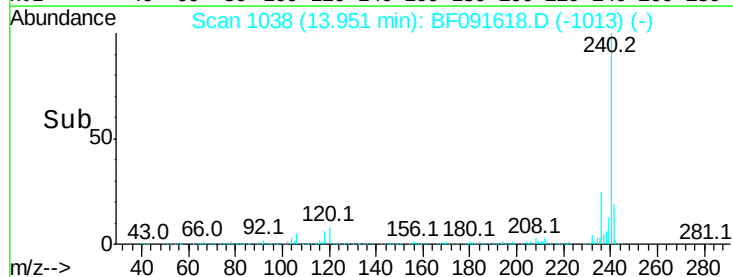
236 25.3 21.0 31.6

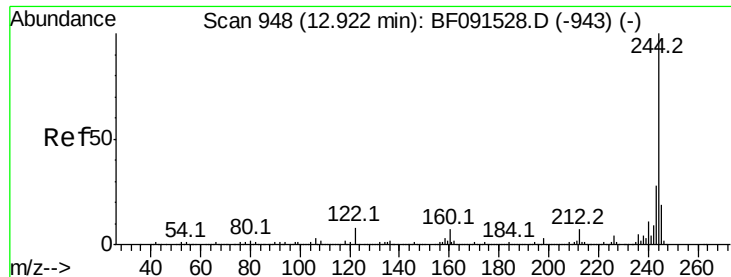


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.37 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-D-M

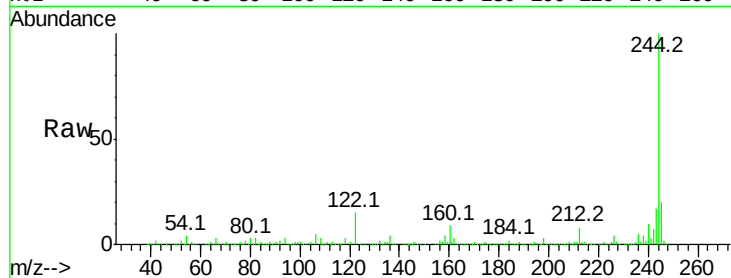
Tot Ion:244 Resp: 1891312

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

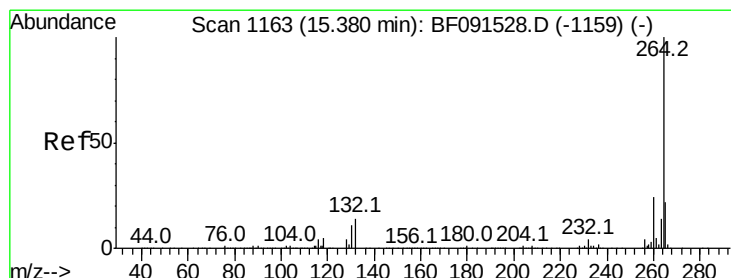
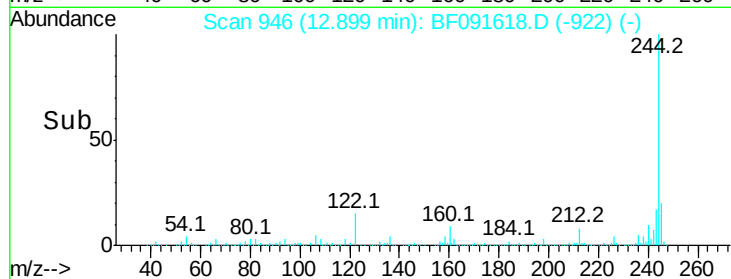
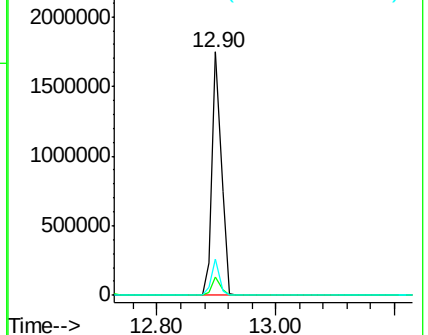
122 14.8 9.5 14.3#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091618.D

Acq: 15 Dec 2016 8:59

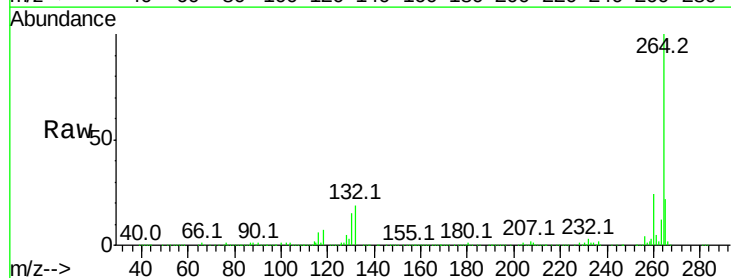
Tgt Ion:264 Resp: 492365

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 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

