

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091654.D
 Acq On : 16 Dec 2016 4:43
 Operator : UM/SJ
 Sample : H5982-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Dec 16 06:26:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	223575	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	883589	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	565444	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	623677	20.00	ng	0.00
75) Chrysene-d12	13.94	240	687033	20.00	ng	0.00
86) Perylene-d12	15.35	264	534068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	488547	36.81	ng	0.00
7) Phenol-d6	6.42	99	425364	25.71	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1654276	104.49	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	297186	63.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2632875	80.46	ng	0.00
78) Terphenyl-d14	12.90	244	2089070	69.00	ng	0.00

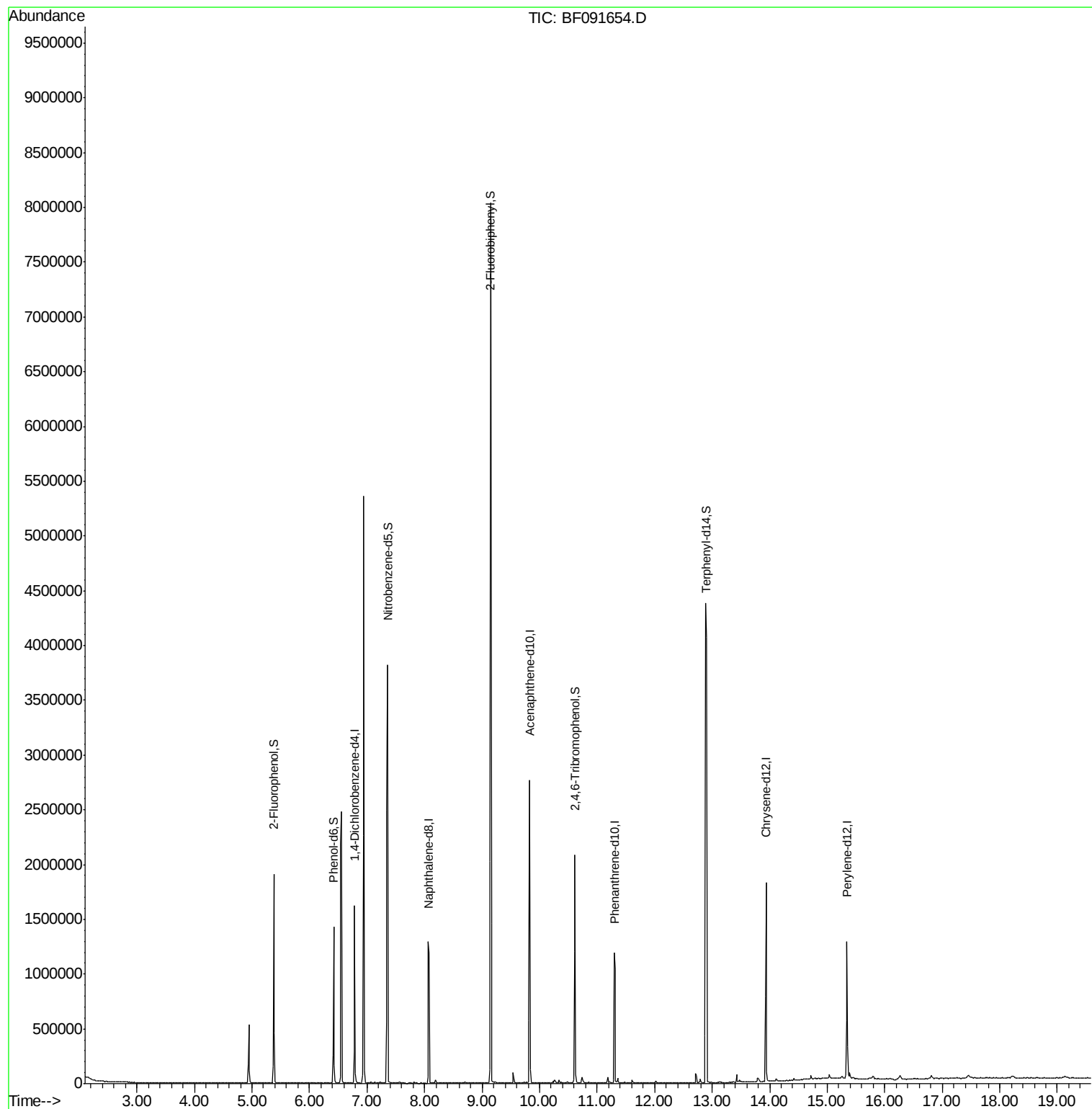
Target Compounds Qvalue

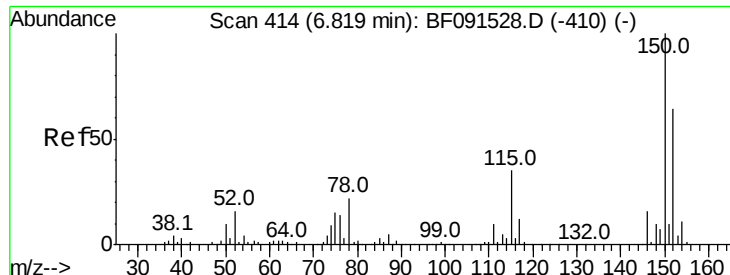
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-U-M

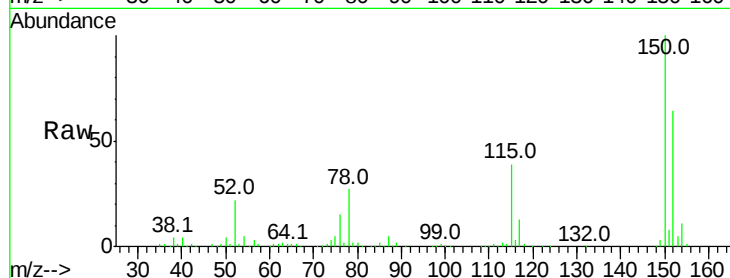
Tot Ion:152 Resp: 223575

Ion Ratio Lower Upper

152 100

150 157.1 122.5 183.7

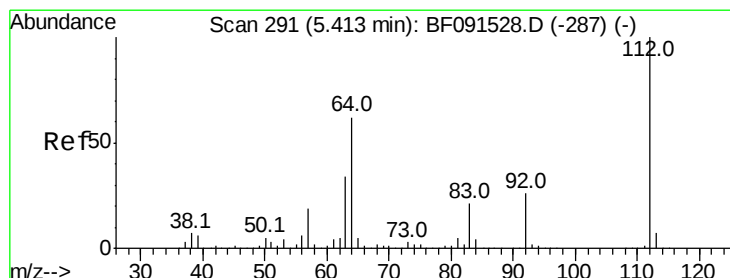
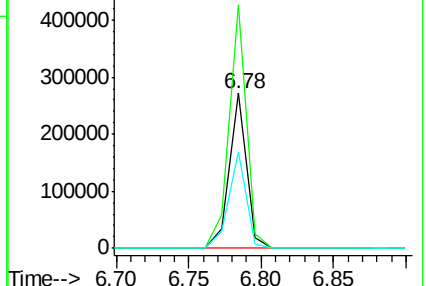
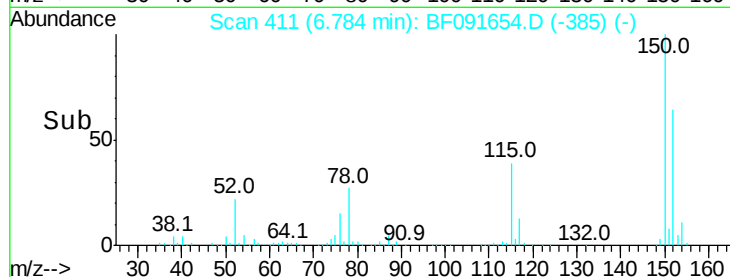
115 61.9 51.8 77.8



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: 36.81 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

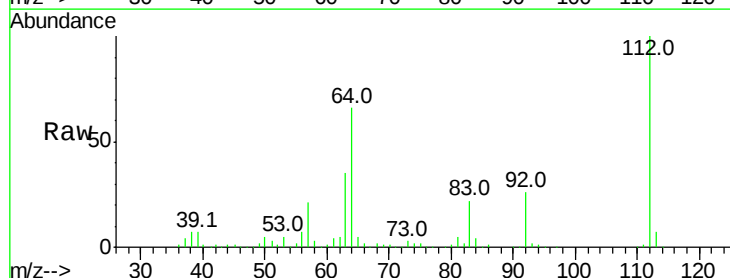
Tgt Ion:112 Resp: 488547

Ion Ratio Lower Upper

112 100

64 66.4 61.5 92.3

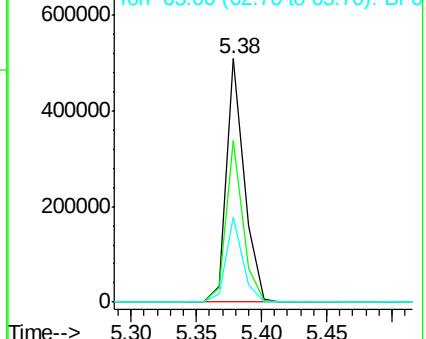
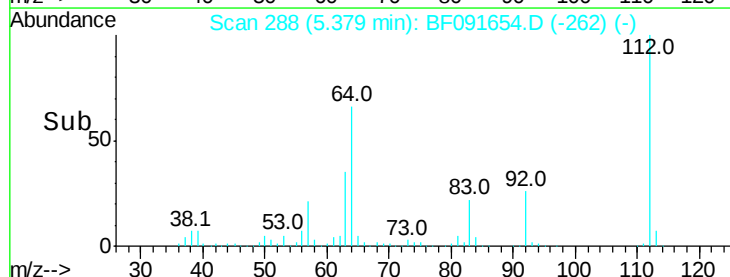
63 35.1 33.3 49.9

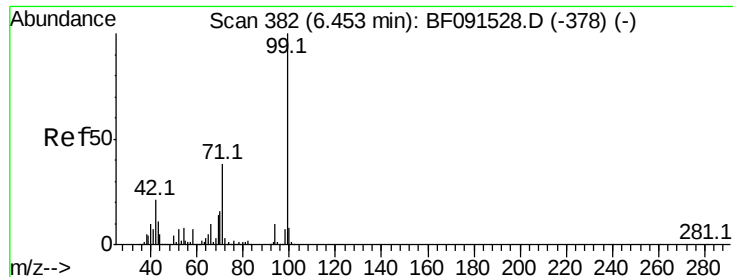


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.71 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-U-M

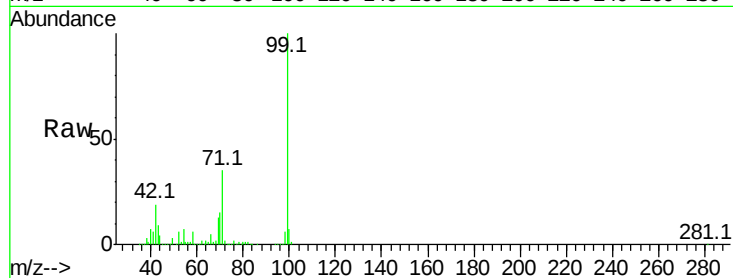
Tot Ion: 99 Resp: 425364

Ion Ratio Lower Upper

99 100

42 18.8 20.6 31.0#

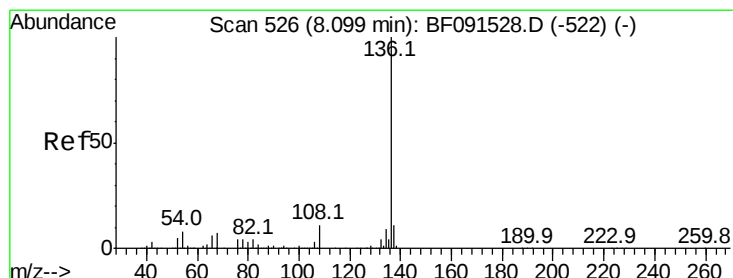
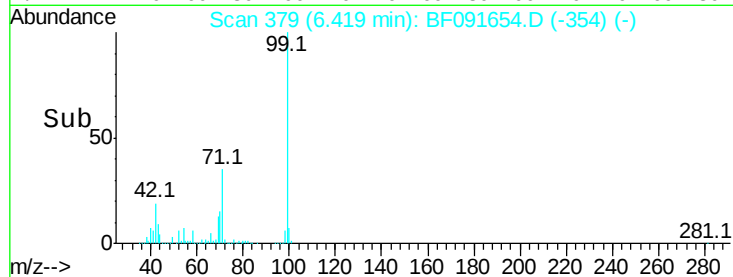
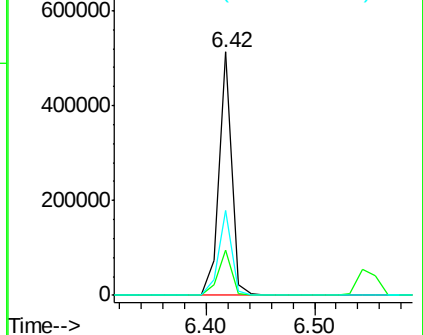
71 35.1 29.9 44.9



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. 0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

Tgt Ion: 136 Resp: 883589

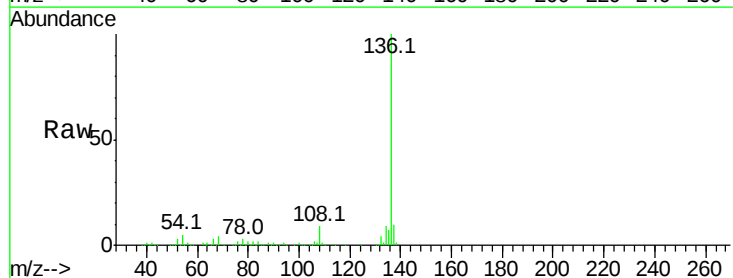
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.7 9.1 13.7#

68 4.0 5.9 8.9#

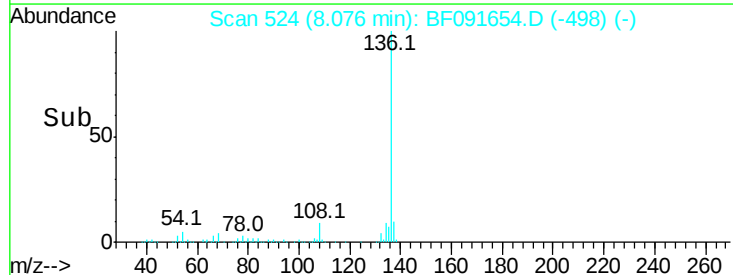
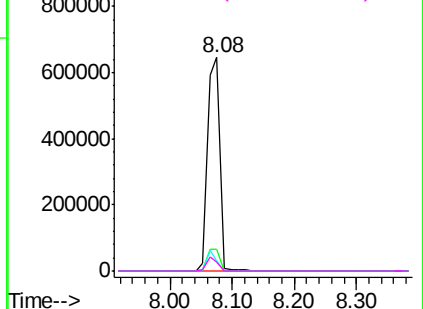


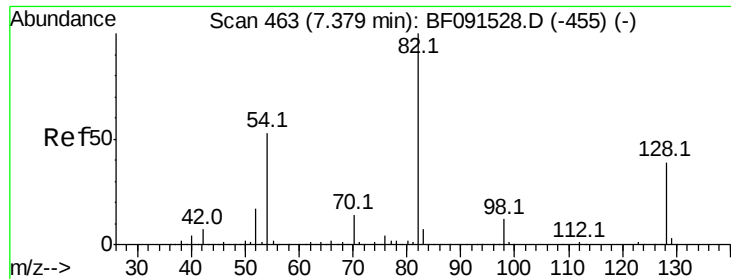
Abundance Ion 136.00 (135.70 to 136.70): E

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



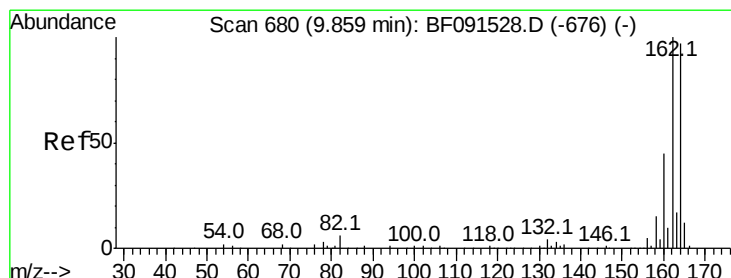
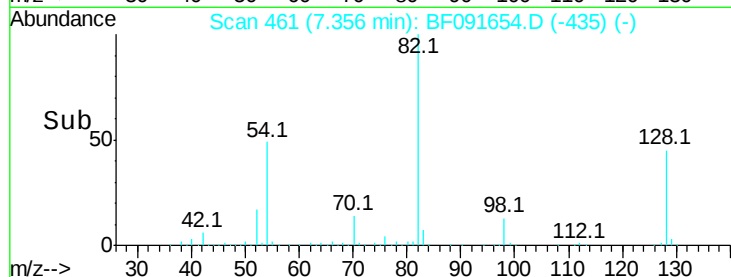
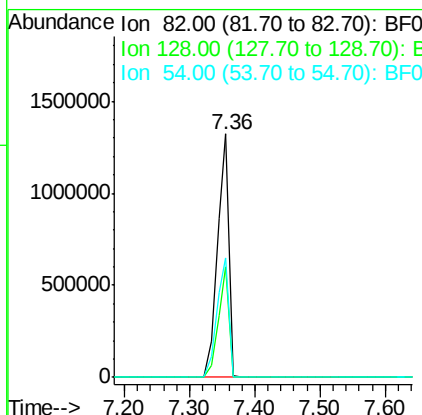
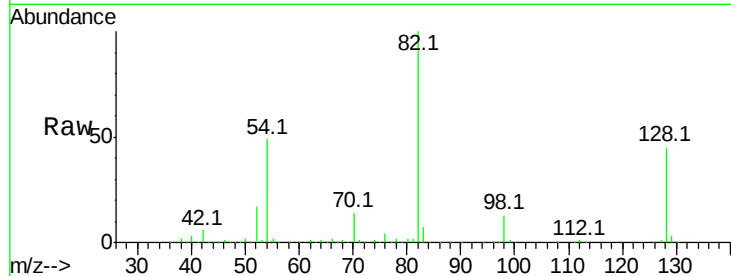


#23
 Nitrobenzene-d5
 Concen: 104.49 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091654.D
 Acq: 16 Dec 2016 4:43

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

Tot Ion: 82 Resp: 1654276

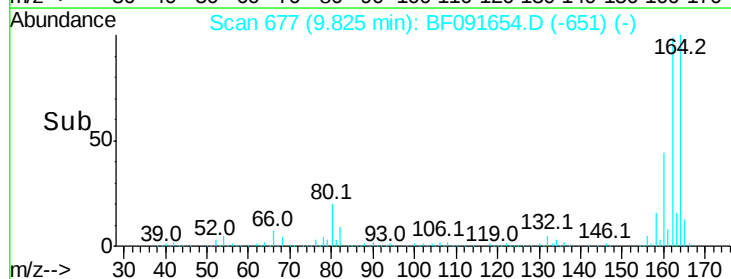
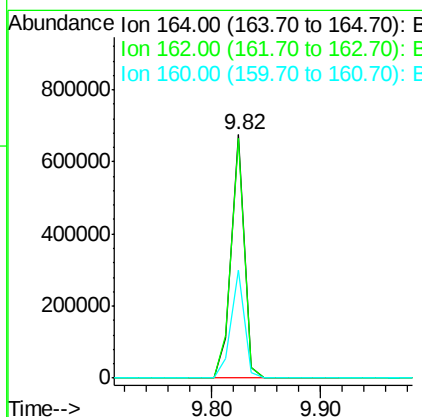
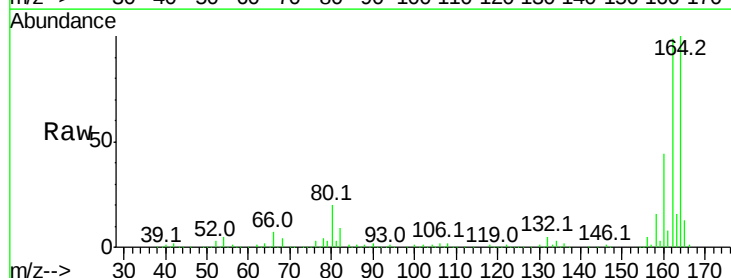
Ion	Ratio	Lower	Upper
82	100		
128	45.1	31.8	47.6
54	49.3	49.1	73.7

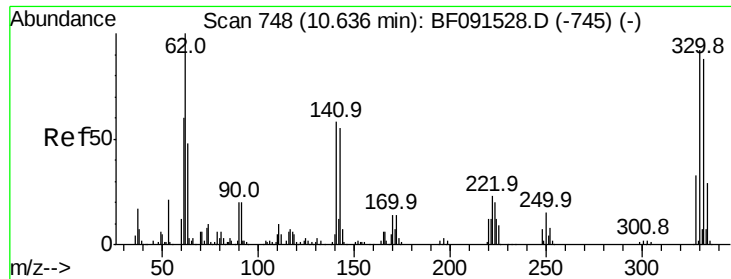


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF091654.D
 Acq: 16 Dec 2016 4:43

Tgt Ion:164 Resp: 565444

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.6	124.0
160	44.3	36.7	55.1

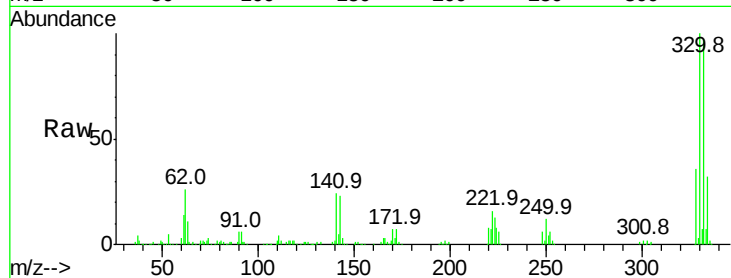




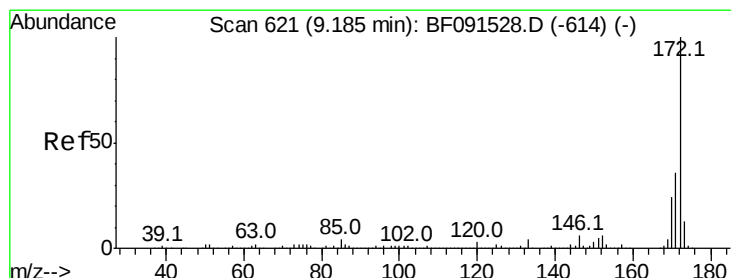
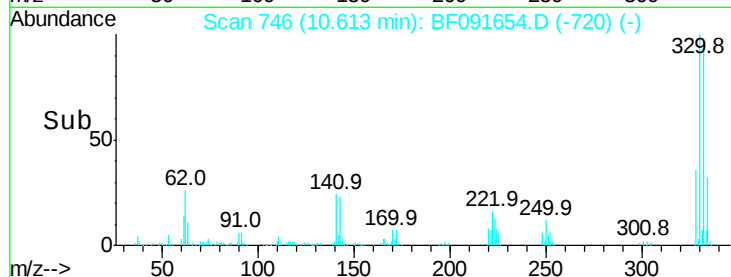
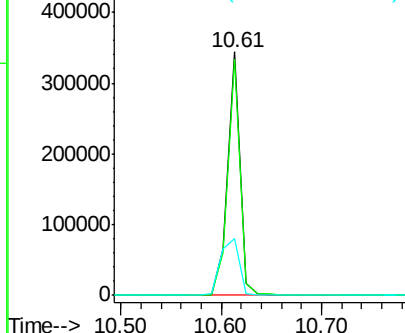
#41
 2,4,6-Tribromophenol
 Concen: 63.28 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091654.D
 Acq: 16 Dec 2016 4:43

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	35.0	33.6	50.4

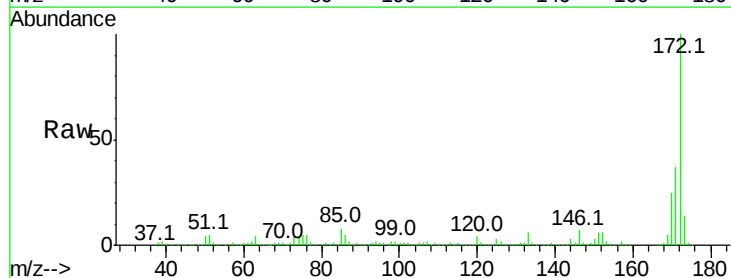


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

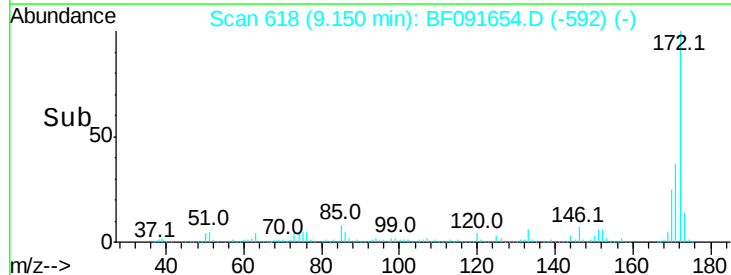
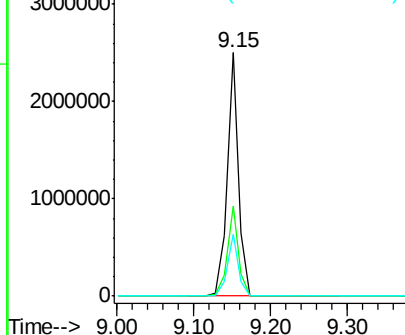


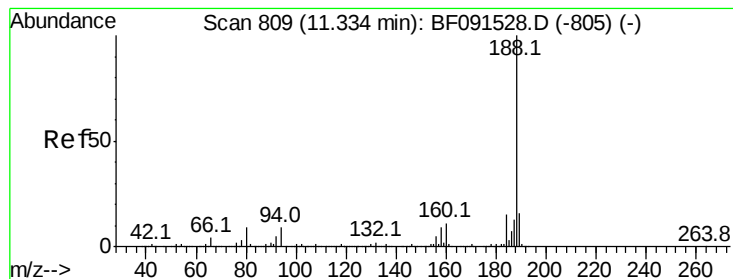
#44
 2-Fluorobiphenyl
 Concen: 80.46 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091654.D
 Acq: 16 Dec 2016 4:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.1	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. 0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-U-M

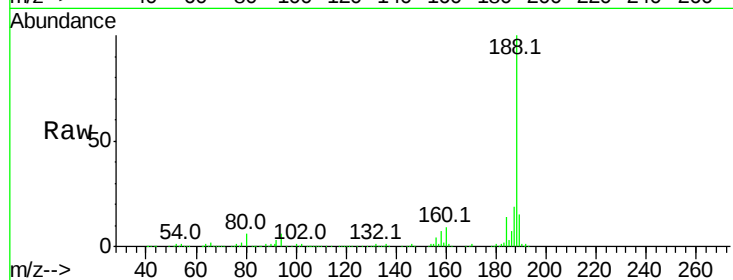
Tot Ion:188 Resp: 623677

Ion Ratio Lower Upper

188 100

94 5.8 9.2 13.8#

80 5.9 10.5 15.7#



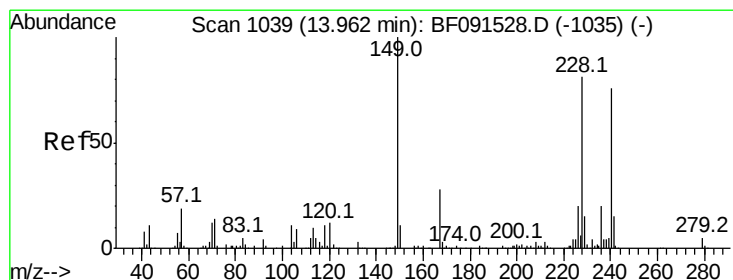
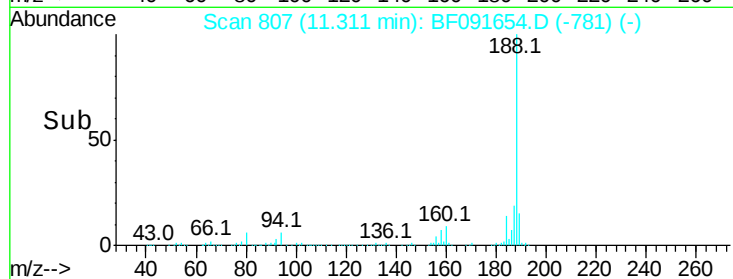
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.31

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

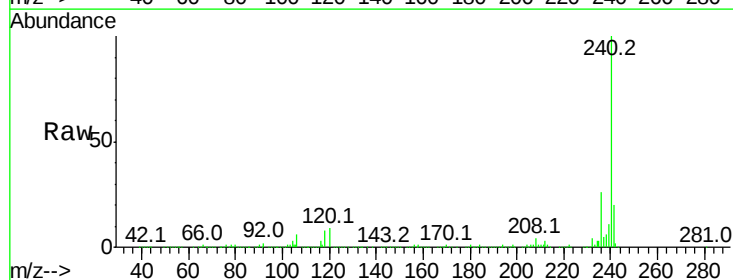
Tgt Ion:240 Resp: 687033

Ion Ratio Lower Upper

240 100

120 9.4 12.1 18.1#

236 25.7 21.0 31.6



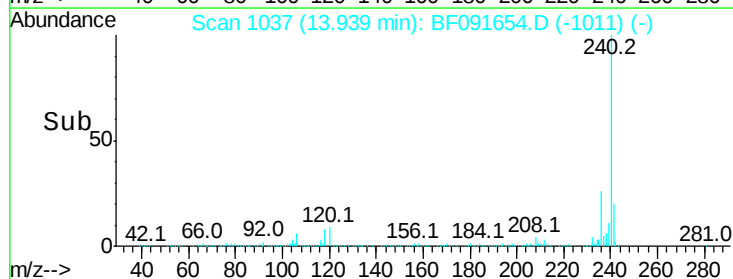
Abundance Ion 240.00 (239.70 to 240.70): E

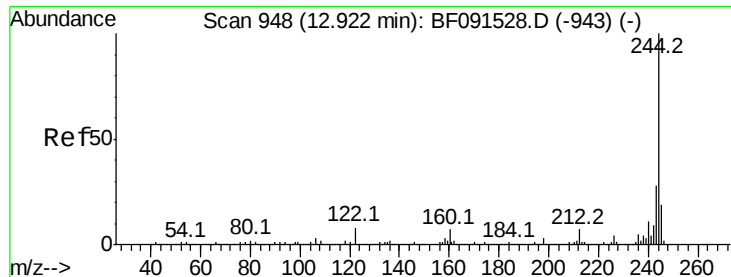
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.94

Time-->





#78

Terphenyl-d14

Concen: 69.00 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

Instrument :

BNA_F

ClientSampleId :

120916-DSDC-E-U-M

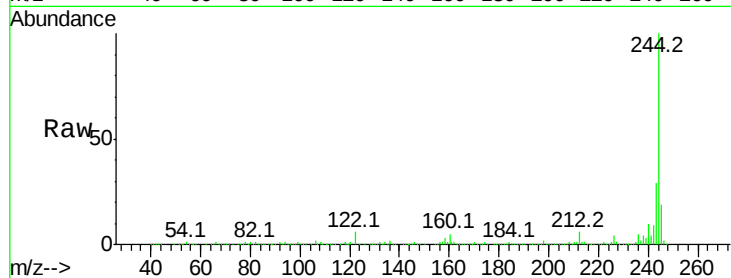
Tot Ion:244 Resp: 2089070

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7#

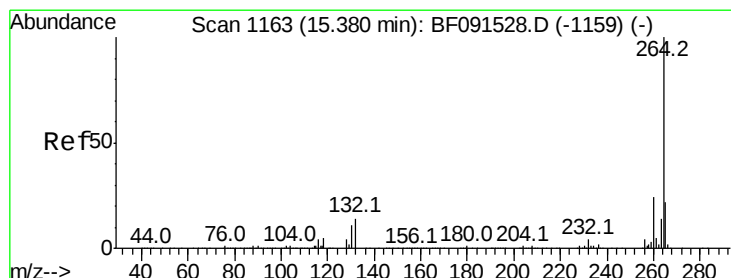
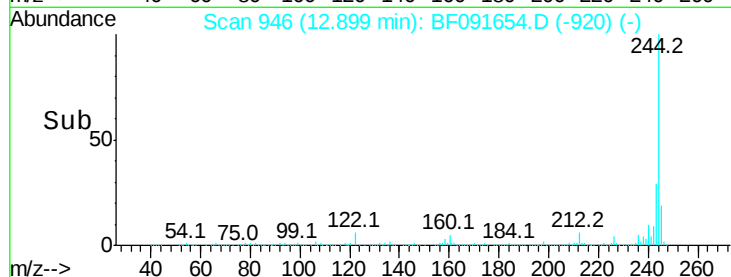
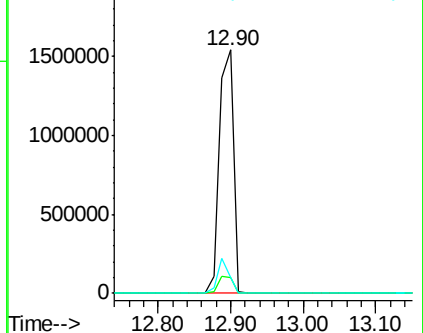
122 6.5 9.5 14.3#



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: 15.35 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF091654.D

Acq: 16 Dec 2016 4:43

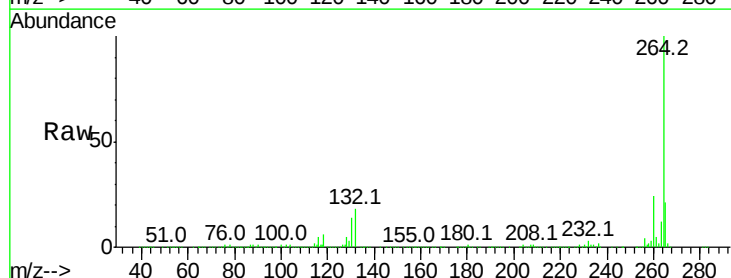
Tgt Ion:264 Resp: 534068

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 20.9 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

