

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120616\
 Data File : BF091462.D
 Acq On : 6 Dec 2016 16:53
 Operator : UM/SJ
 Sample : H5840-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-S

Quant Time: Dec 07 00:42:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134860	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	572402	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	341246	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	505143	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	311337	20.00	ng	-0.01
86) Perylene-d12	15.41	264	297255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	230611	27.93	ng	-0.01
7) Phenol-d6	6.46	99	185210	18.23	ng	-0.01
23) Nitrobenzene-d5	7.41	82	942541	92.28	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	191851	59.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1479483	78.50	ng	0.00
78) Terphenyl-d14	12.94	244	1500450	104.75	ng	0.00

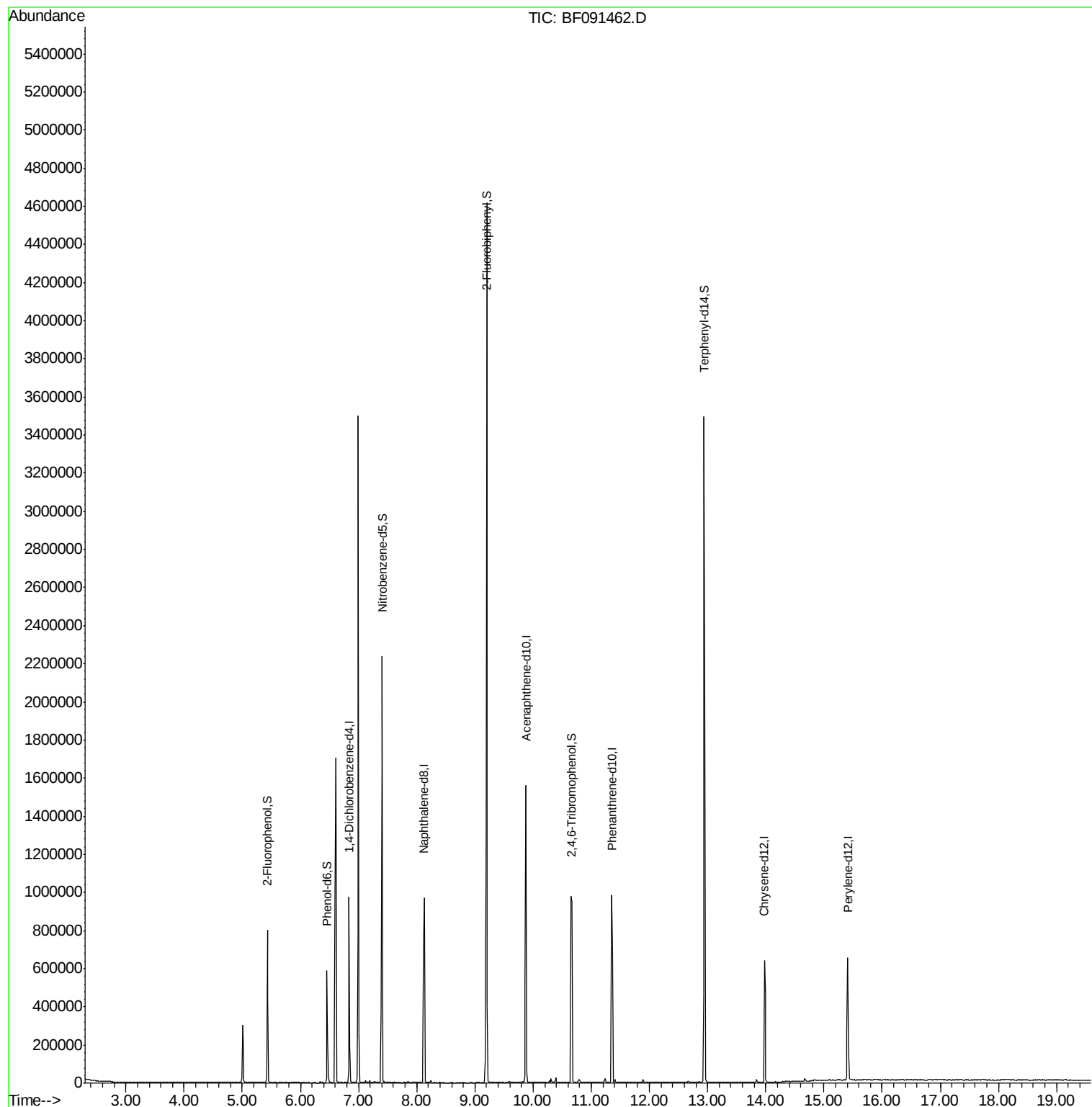
Target Compounds Qvalue

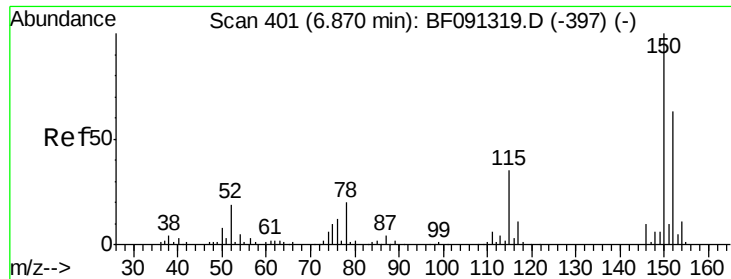
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 07 00:12:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-S

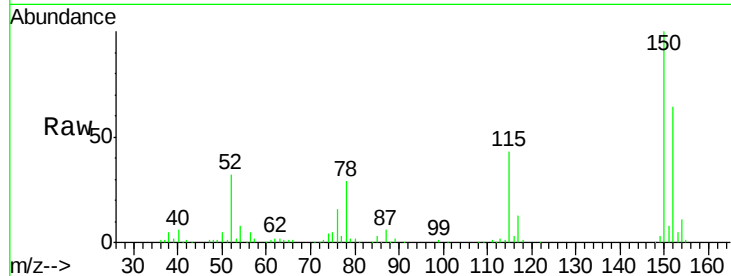
Tot Ion:152 Resp: 134860

Ion Ratio Lower Upper

152 100

150 156.5 122.5 183.7

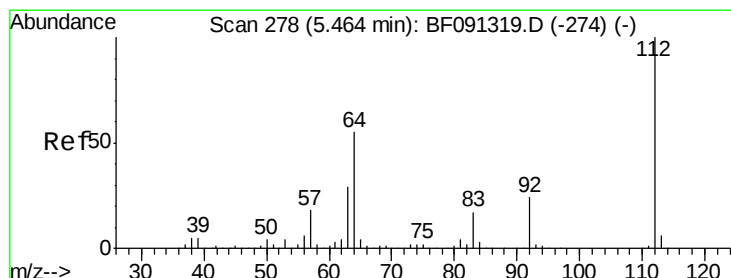
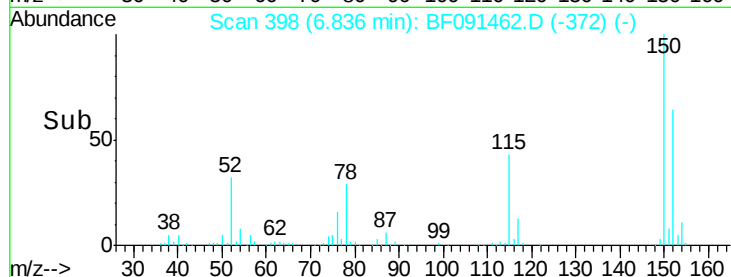
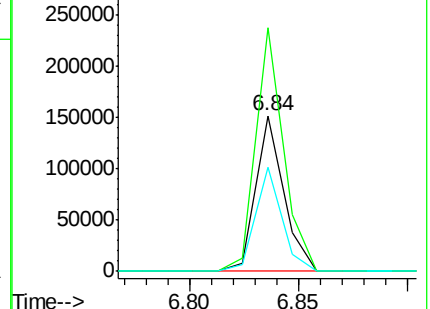
115 66.7 51.8 77.8



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: 27.93 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.01 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

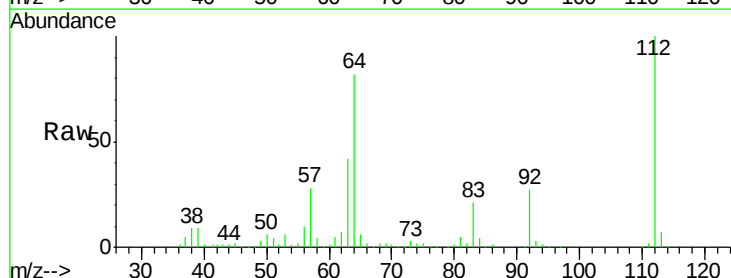
Tgt Ion:112 Resp: 230611

Ion Ratio Lower Upper

112 100

64 81.5 61.5 92.3

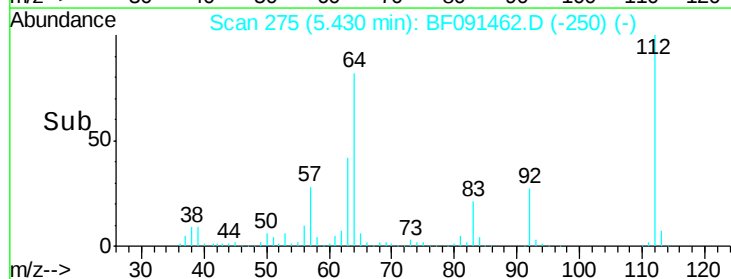
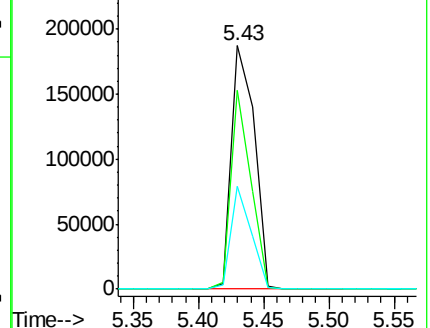
63 42.4 33.3 49.9

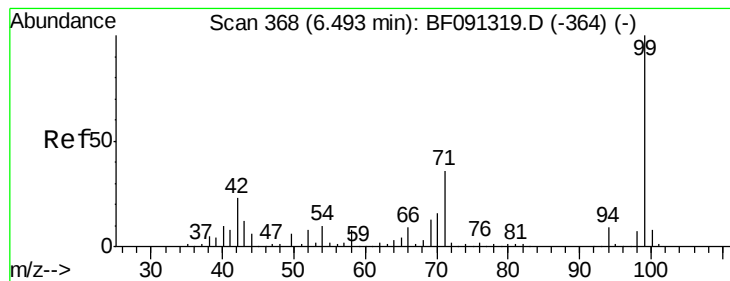


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.23 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-S

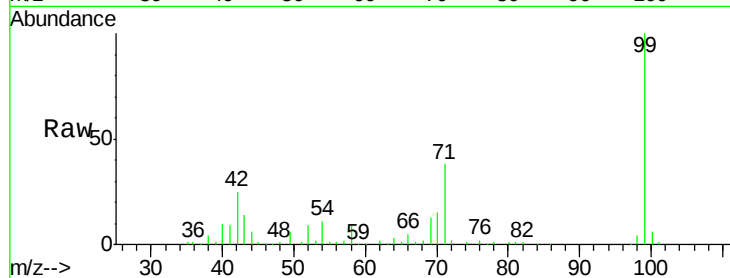
Tot Ion: 99 Resp: 185210

Ion Ratio Lower Upper

99 100

42 25.5 20.6 31.0

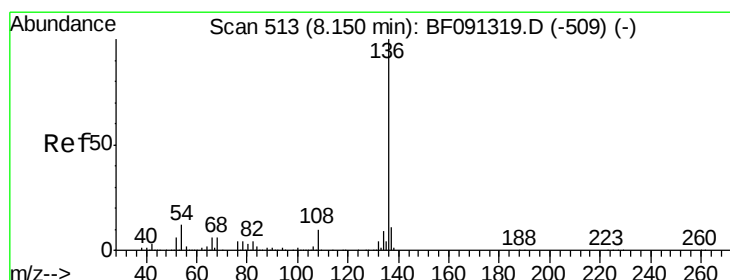
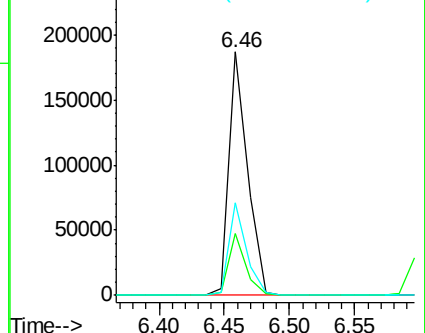
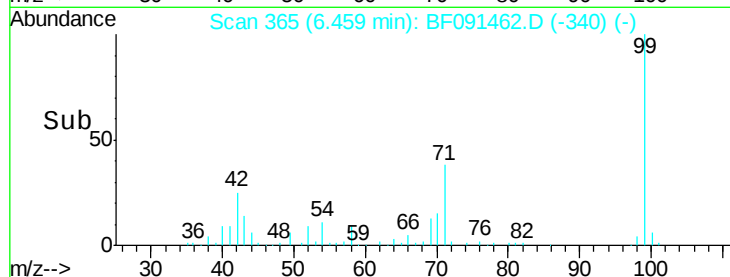
71 37.9 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Tgt Ion: 136 Resp: 572402

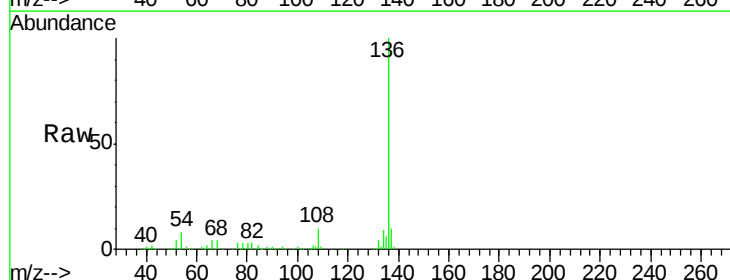
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 8.0 9.1 13.7#

68 3.9 5.9 8.9#

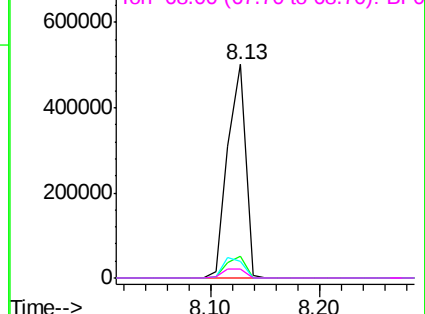
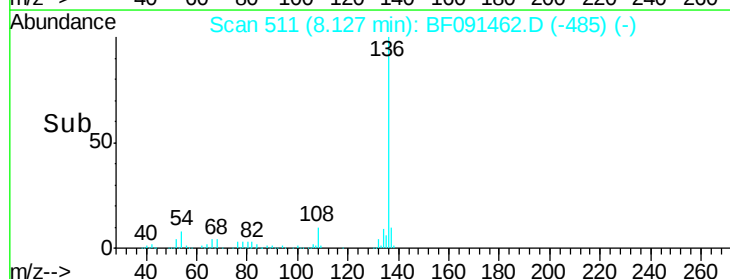


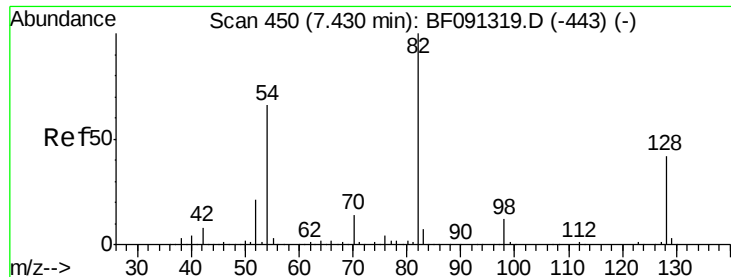
Abundance Ion 136.00 (135.70 to 136.70): E

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

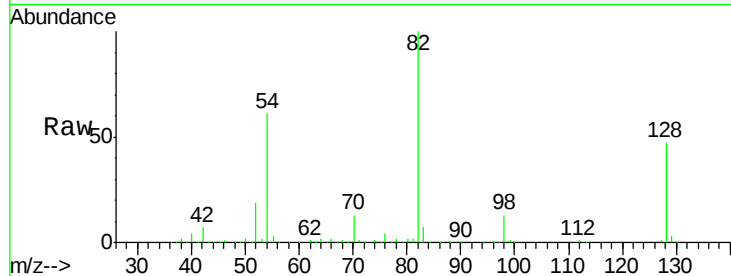




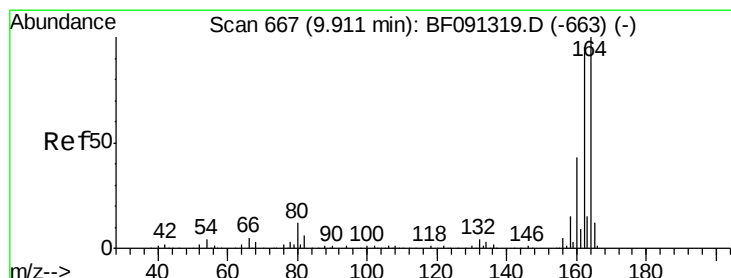
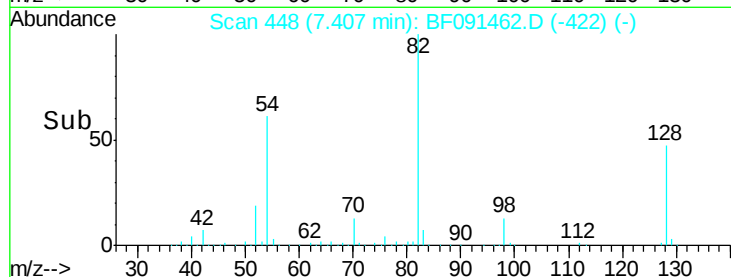
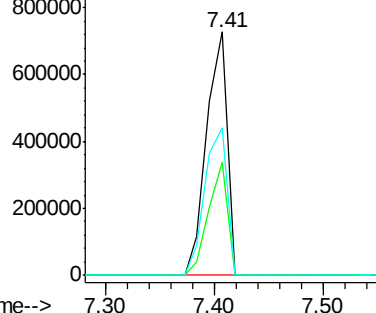
#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-S

Tot Ion: 82 Resp: 942541
 Ion Ratio Lower Upper
 82 100
 128 46.6 31.8 47.6
 54 60.7 49.1 73.7

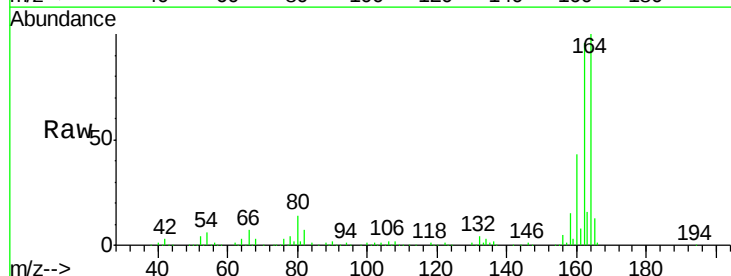


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

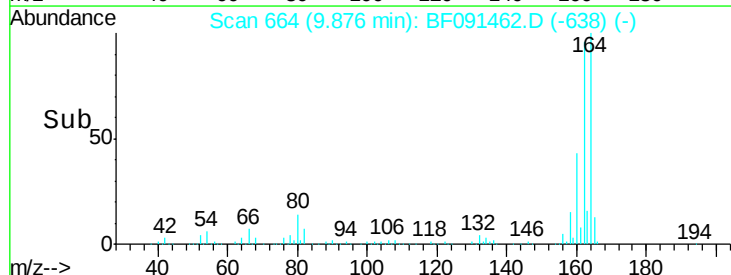
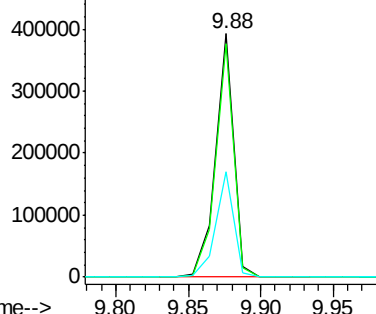


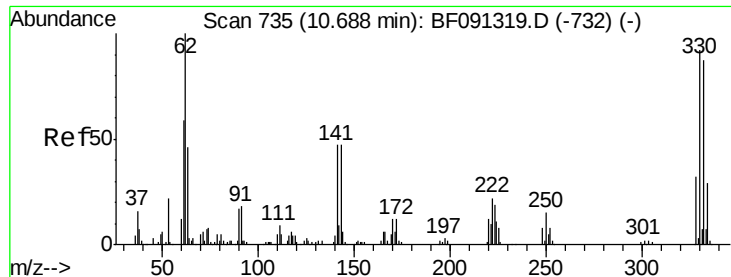
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

Tgt Ion:164 Resp: 341246
 Ion Ratio Lower Upper
 164 100
 162 95.9 82.6 124.0
 160 43.2 36.7 55.1



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

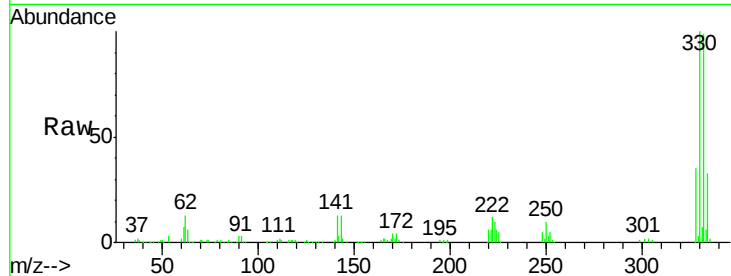




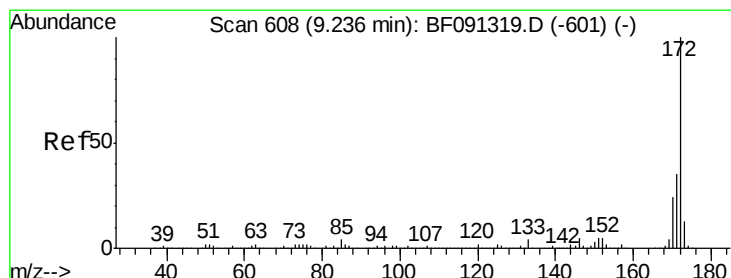
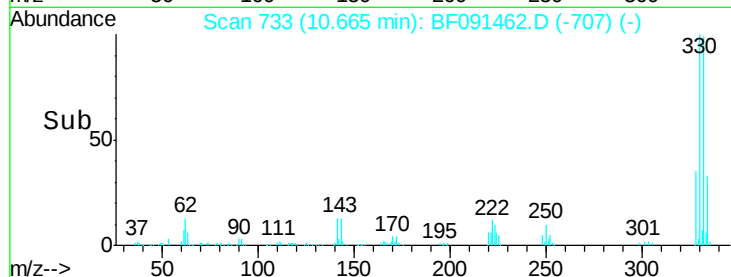
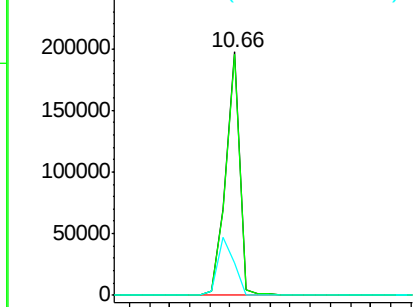
#41
 2,4,6-Tribromophenol
 Concen: 59.39 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 113016-DSDC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.2	114.4
141	27.5	33.6	50.4#

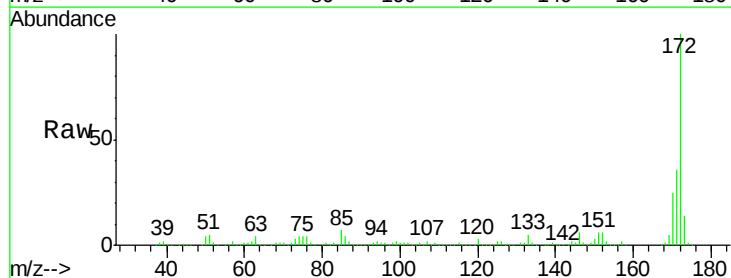


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

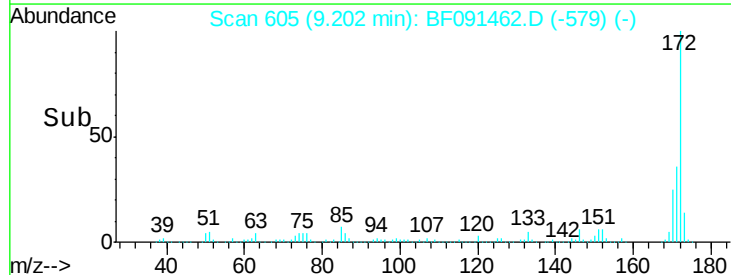
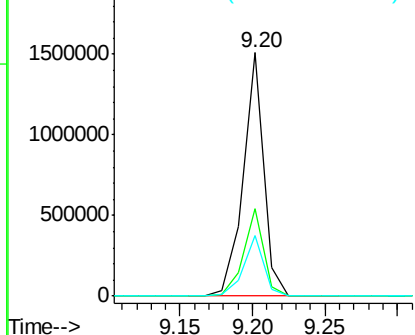


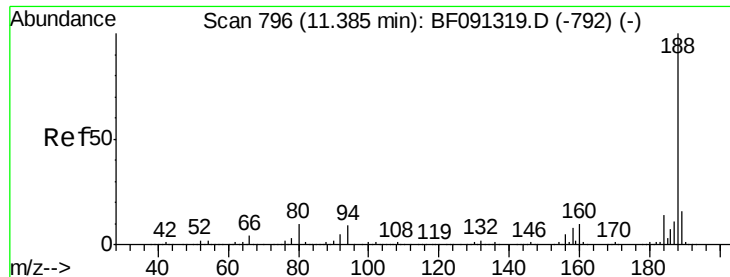
#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091462.D
 Acq: 6 Dec 2016 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	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

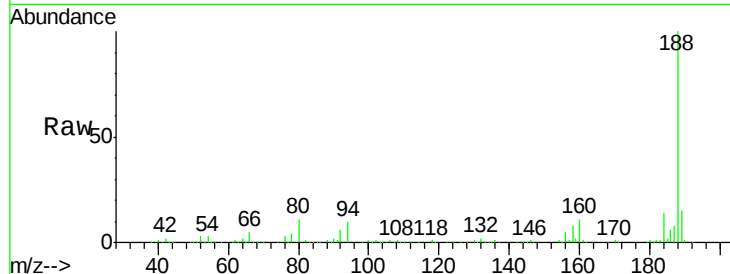




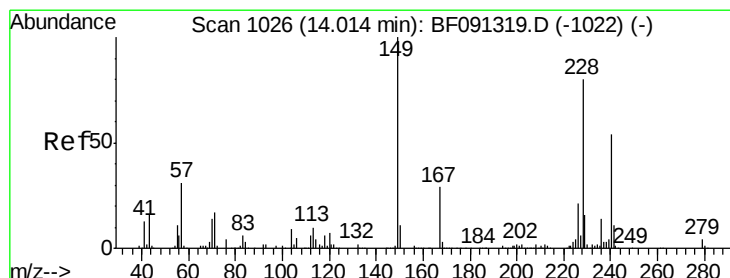
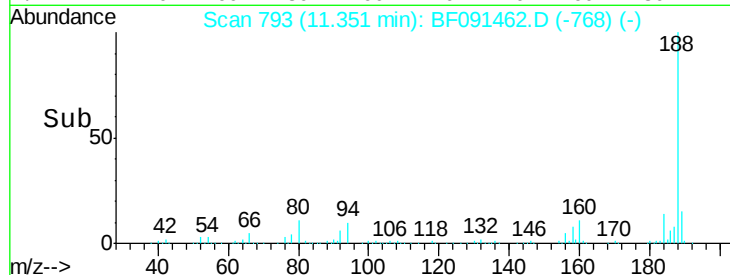
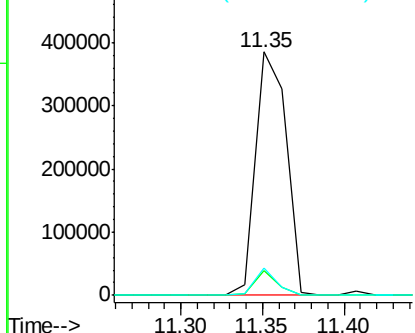
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

Instrument :
BNA_F
ClientSampleId :
113016-DSDC-F-U-S

Tot Ion:188 Resp: 505143
Ion Ratio Lower Upper
188 100
94 10.3 9.2 13.8
80 11.5 10.5 15.7

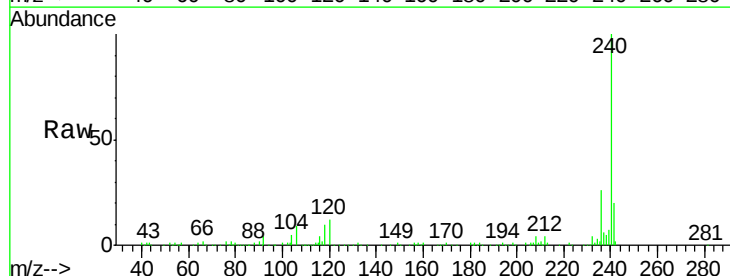


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

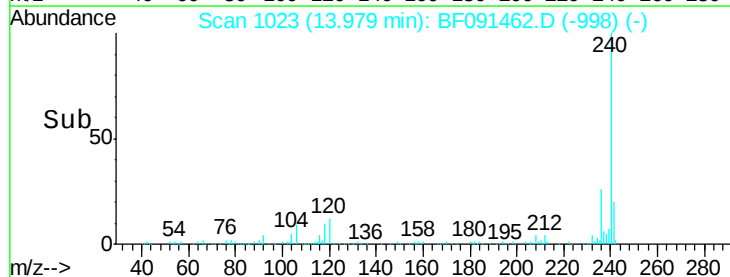
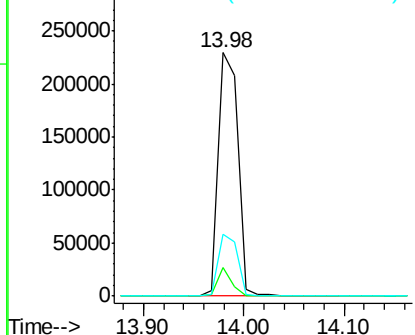


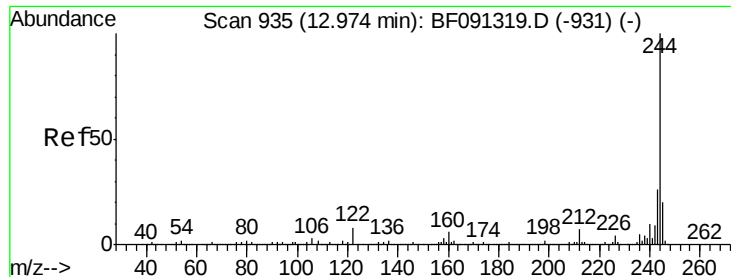
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF091462.D
Acq: 6 Dec 2016 16:53

Tgt Ion:240 Resp: 311337
Ion Ratio Lower Upper
240 100
120 11.7 12.1 18.1#
236 25.6 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: 104.75 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-S

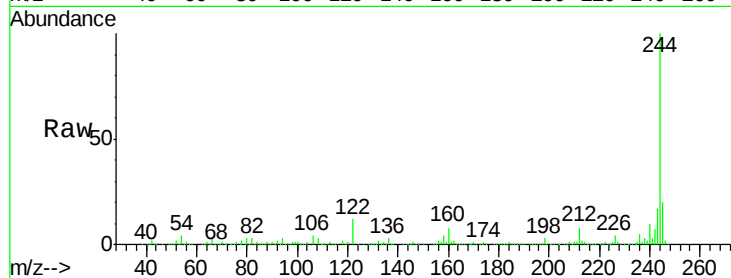
Tot Ion:244 Resp: 1500450

Ion Ratio Lower Upper

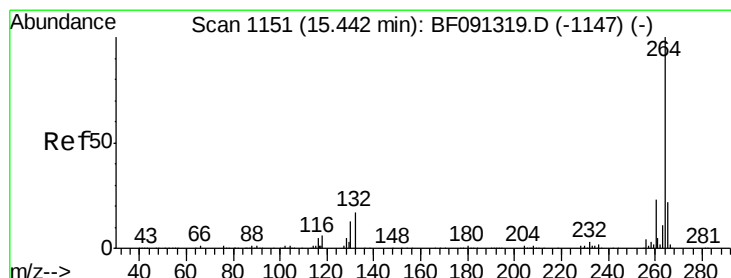
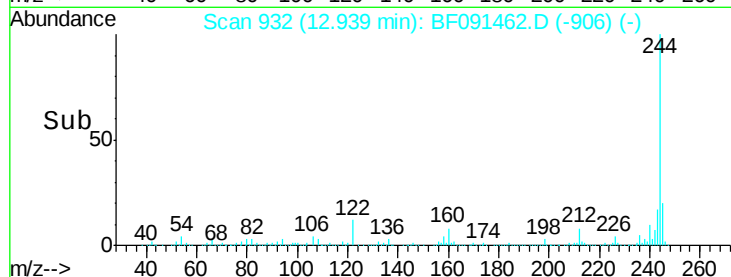
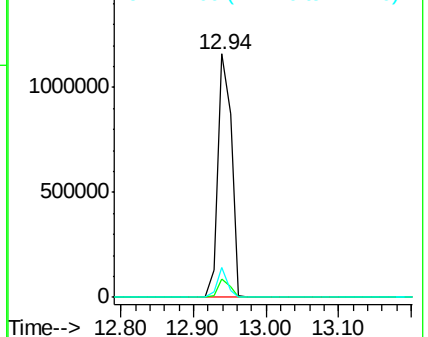
244 100

212 7.5 6.5 9.7

122 12.3 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: 15.41 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF091462.D

Acq: 6 Dec 2016 16:53

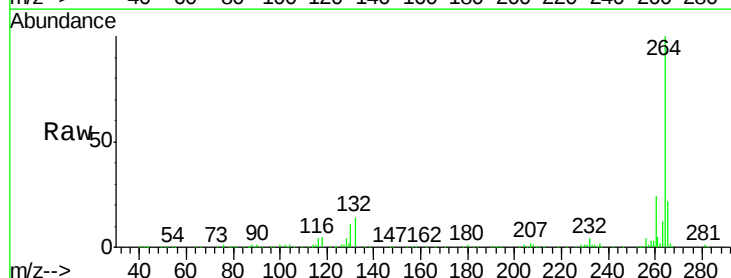
Tgt Ion:264 Resp: 297255

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.1 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

