

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120616\
 Data File : BF091461.D
 Acq On : 6 Dec 2016 16:25
 Operator : UM/SJ
 Sample : H5840-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 07 00:41:01 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	118800	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	495100	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	287778	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	429471	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	300540	20.00	ng	0.00
86) Perylene-d12	15.41	264	244429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	222470	30.59	ng	-0.01
7) Phenol-d6	6.46	99	184398	20.60	ng	-0.01
23) Nitrobenzene-d5	7.41	82	854418	96.71	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	198821	72.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1417449	89.18	ng	0.00
78) Terphenyl-d14	12.94	244	1290372	93.32	ng	0.00

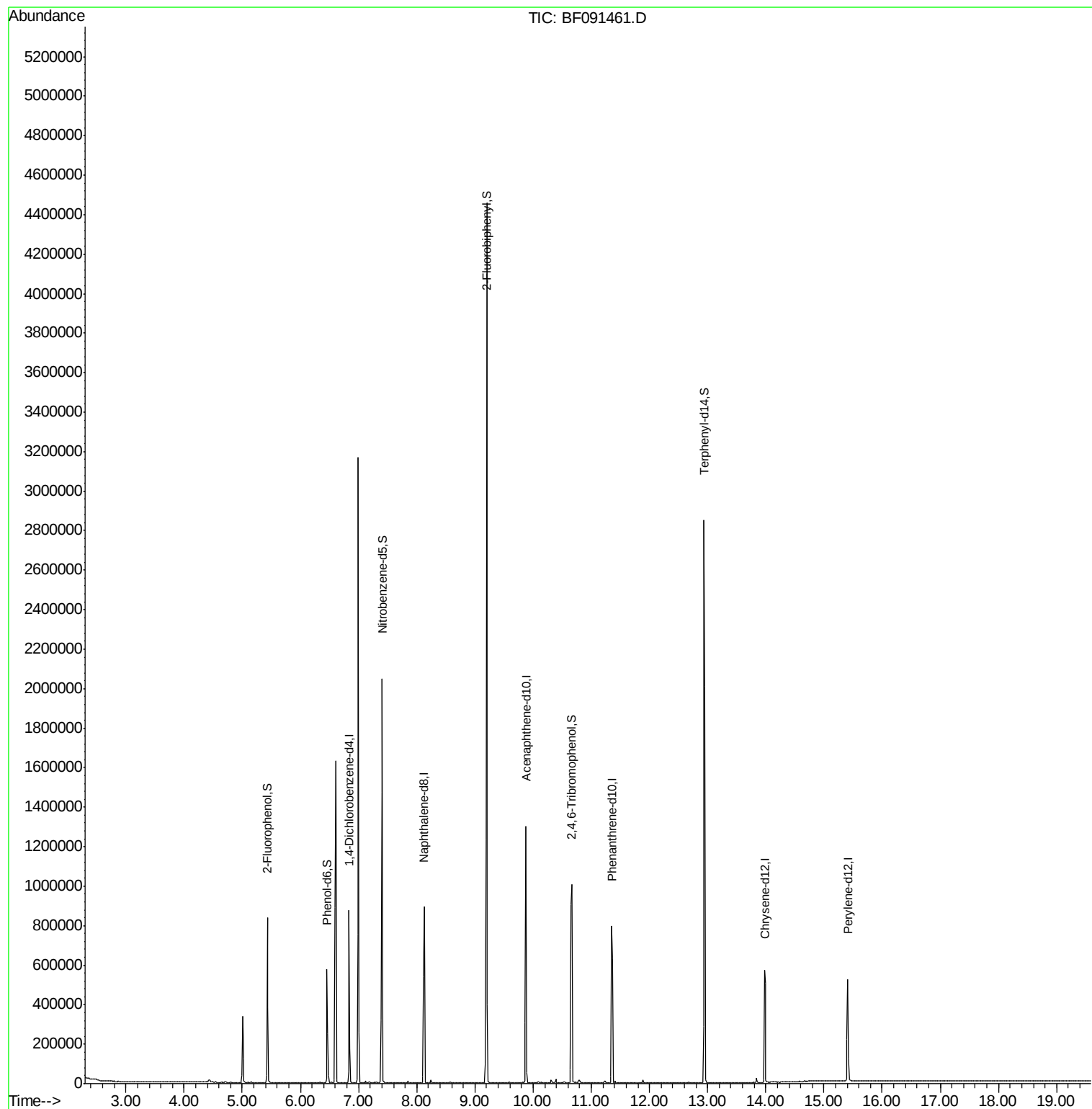
Target Compounds Qvalue

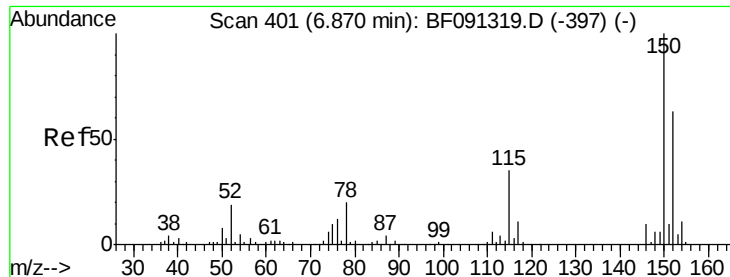
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 07 00:12:14 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-B

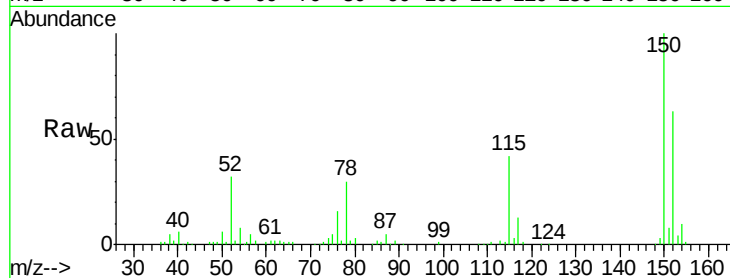
Tot Ion:152 Resp: 118800

Ion Ratio Lower Upper

152 100

150 160.0 122.5 183.7

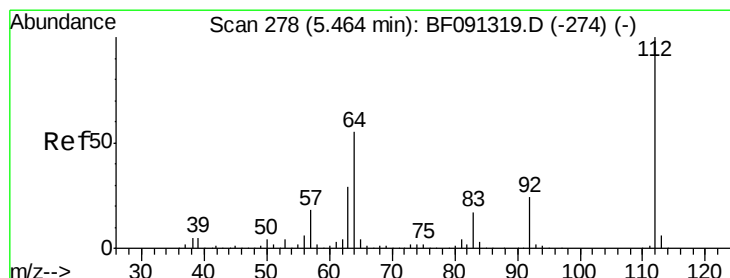
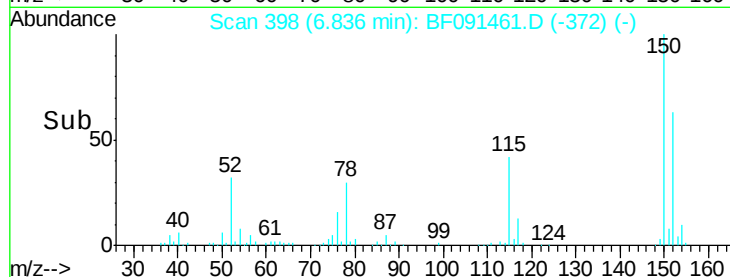
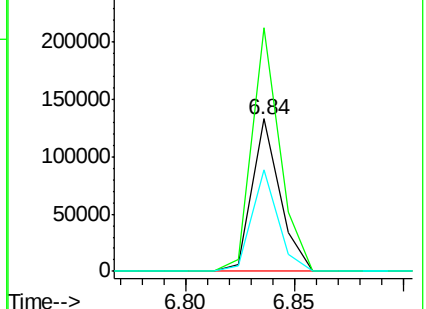
115 67.0 51.8 77.8



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: 30.59 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.01 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

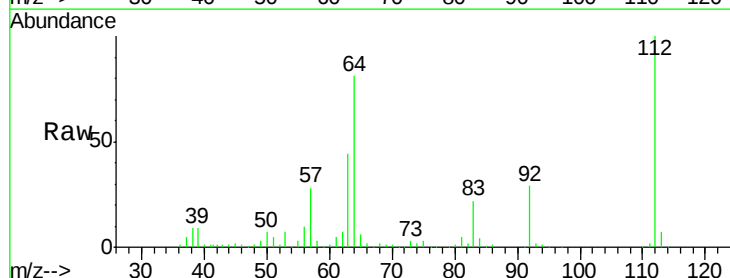
Tgt Ion:112 Resp: 222470

Ion Ratio Lower Upper

112 100

64 81.4 61.5 92.3

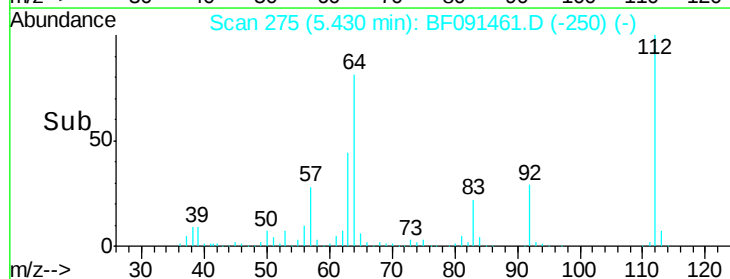
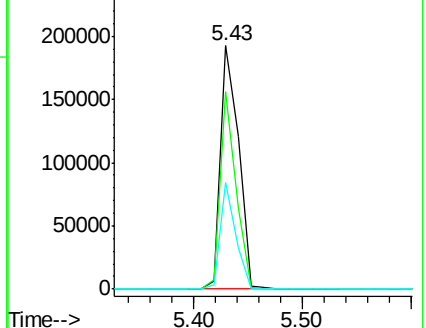
63 43.8 33.3 49.9

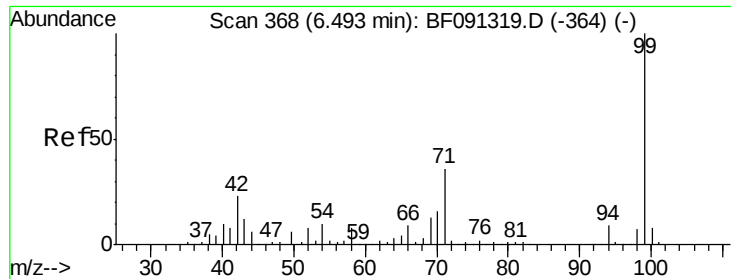


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.60 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Instrument :

BNA_F

ClientSampleId :

113016-DSDC-F-U-B

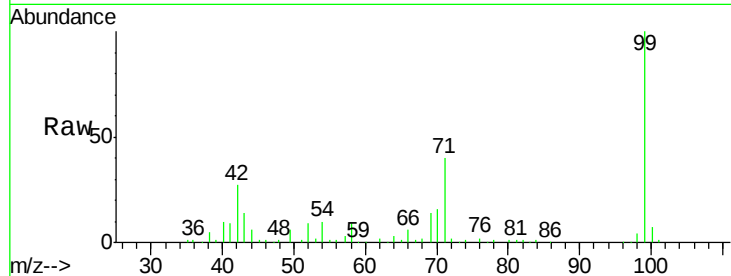
Tot Ion: 99 Resp: 184398

Ion Ratio Lower Upper

99 100

42 27.1 20.6 31.0

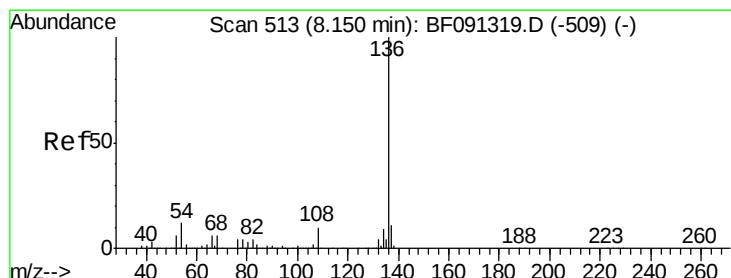
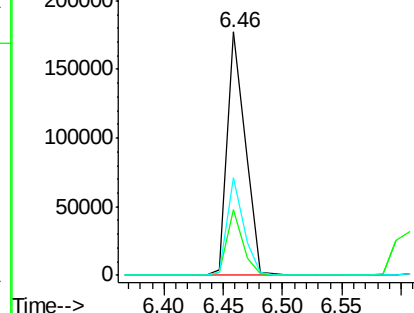
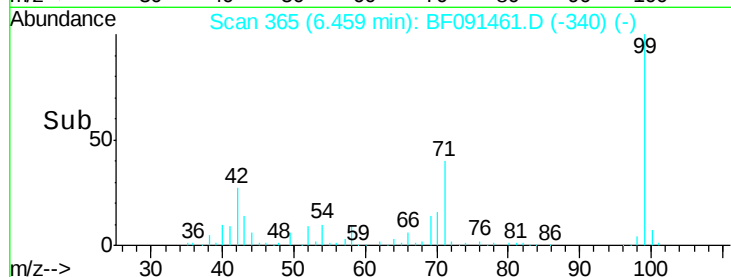
71 39.9 29.9 44.9



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: BF091461.D

Acq: 6 Dec 2016 16:25

Tgt Ion: 136 Resp: 495100

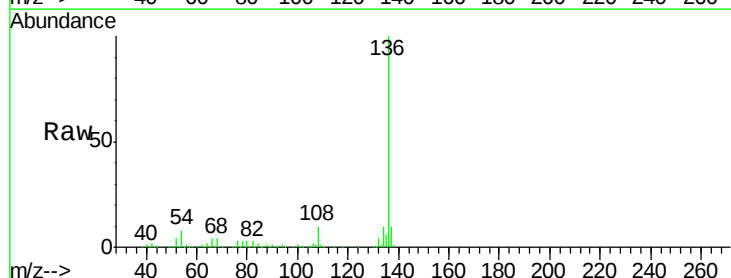
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.7 9.1 13.7#

68 3.8 5.9 8.9#

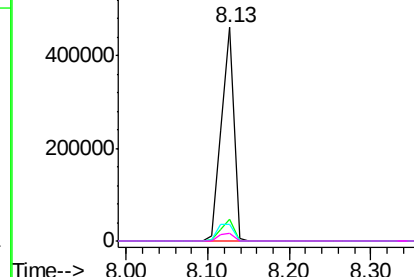
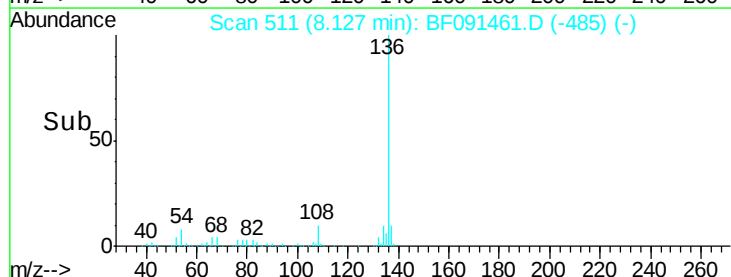


Abundance Ion 136.00 (135.70 to 136.70): E

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

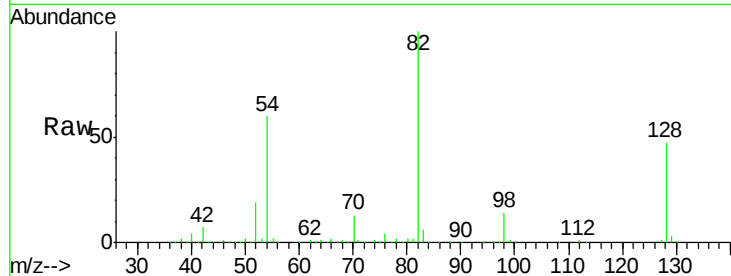




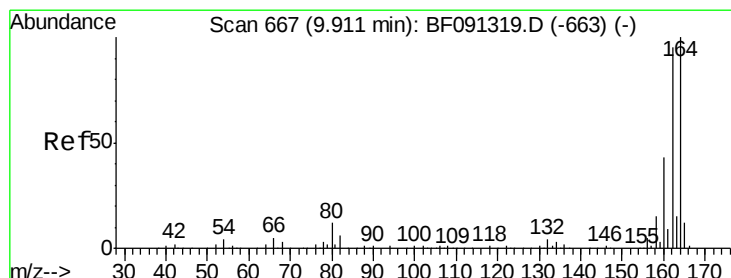
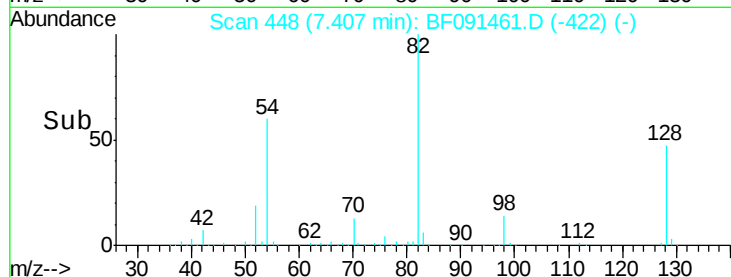
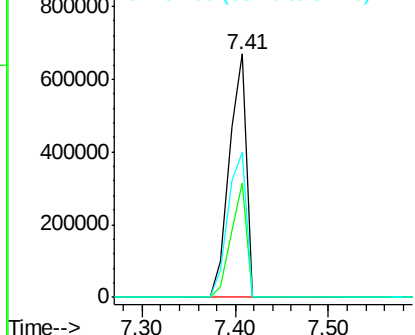
#23
Nitrobenzene-d5
Concen: 96.71 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

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

Tot Ion: 82 Resp: 854418
Ion Ratio Lower Upper
82 100
128 46.9 31.8 47.6
54 59.6 49.1 73.7

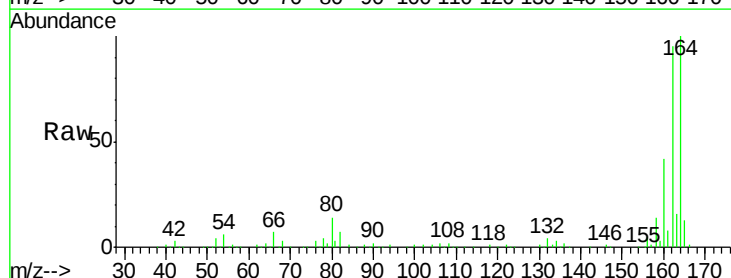


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

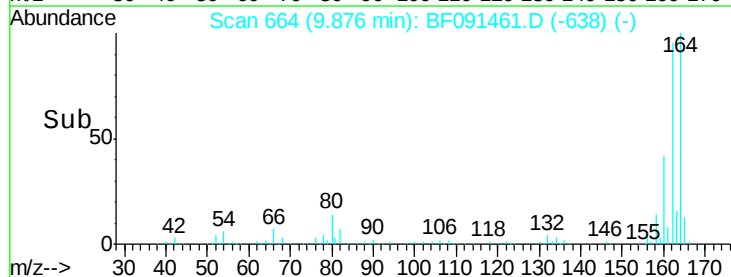
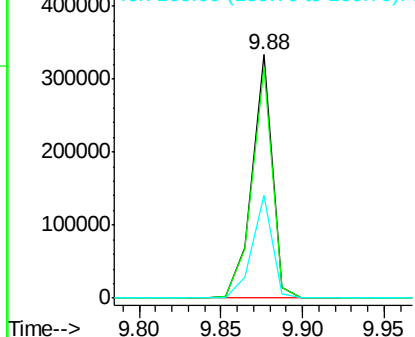


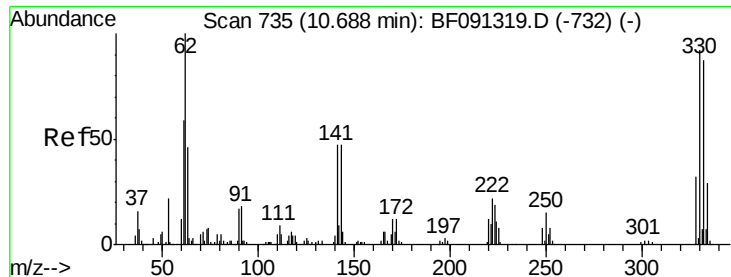
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

Tgt Ion: 164 Resp: 287778
Ion Ratio Lower Upper
164 100
162 94.9 82.6 124.0
160 42.2 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

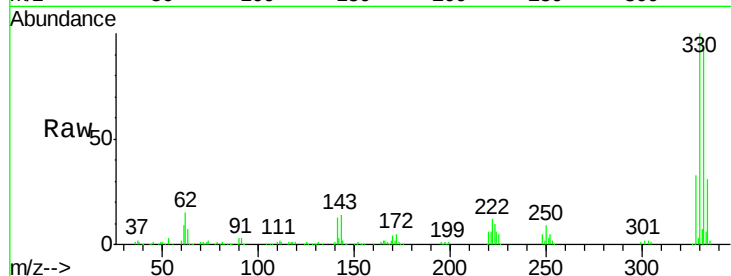




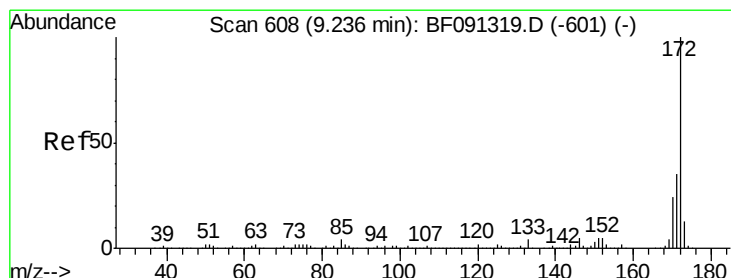
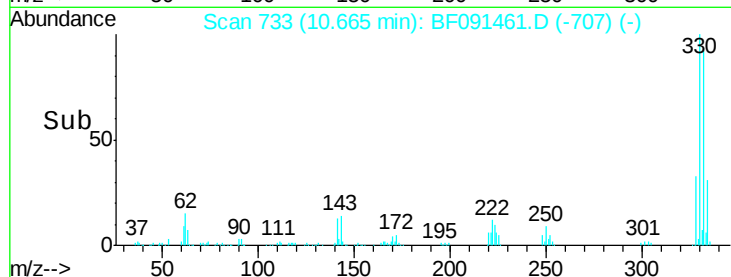
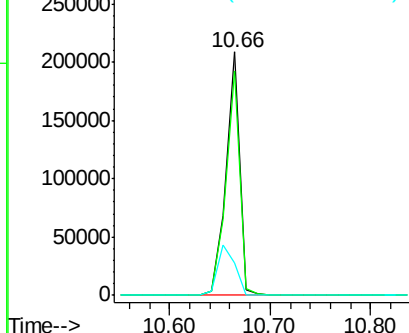
#41
 2,4,6-Tribromophenol
 Concen: 72.98 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

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

Tot Ion:330 Resp: 198821
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.2 114.4
 141 26.3 33.6 50.4#

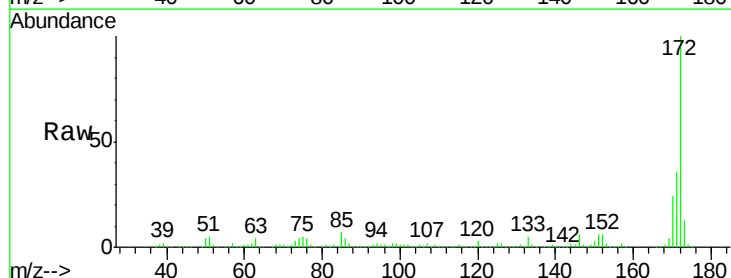


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

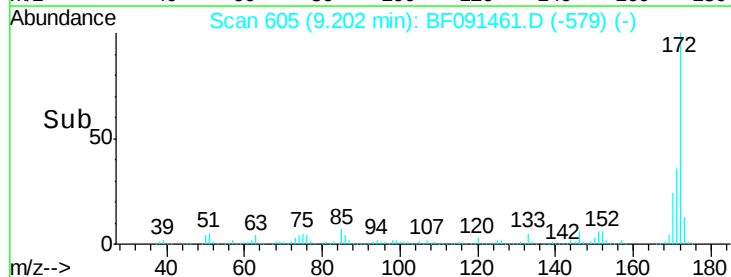
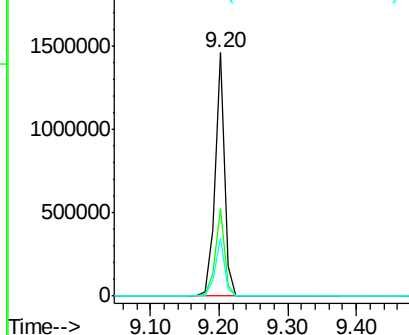


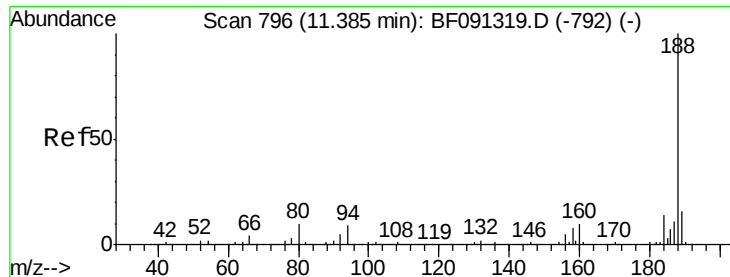
#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091461.D
 Acq: 6 Dec 2016 16:25

Tgt Ion:172 Resp: 1417449
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 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

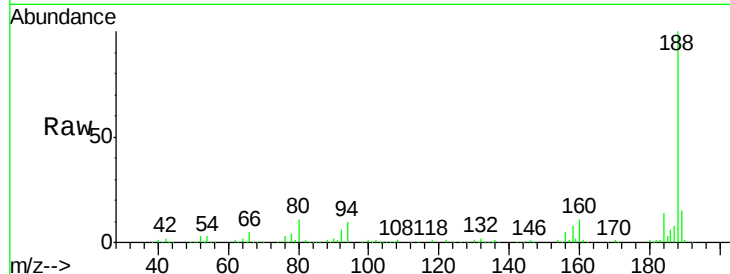




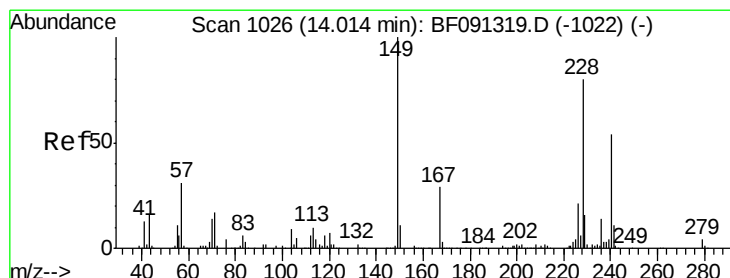
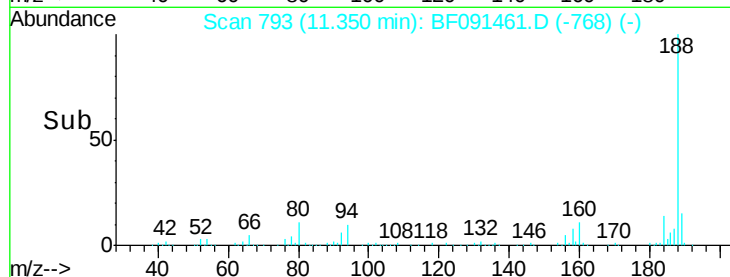
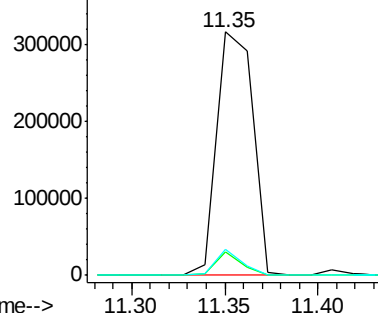
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

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

Tot Ion:188 Resp: 429471
Ion Ratio Lower Upper
188 100
94 9.7 9.2 13.8
80 10.6 10.5 15.7

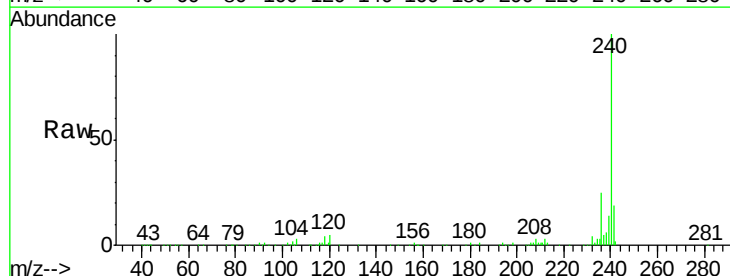


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

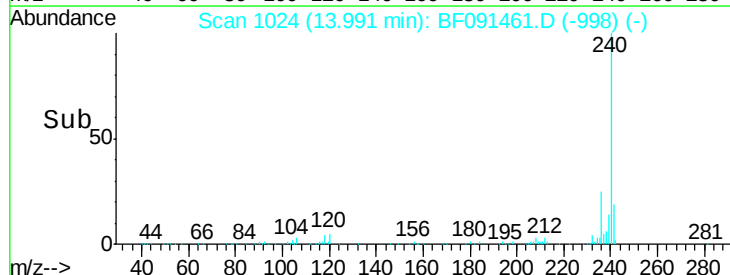
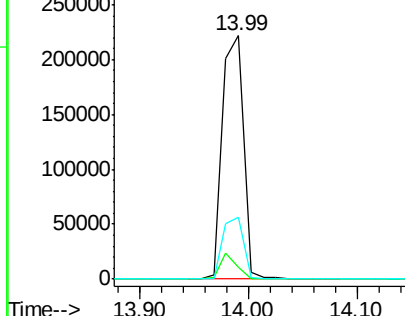


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF091461.D
Acq: 6 Dec 2016 16:25

Tgt Ion:240 Resp: 300540
Ion Ratio Lower Upper
240 100
120 4.7 12.1 18.1#
236 25.2 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: 93.32 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Instrument :

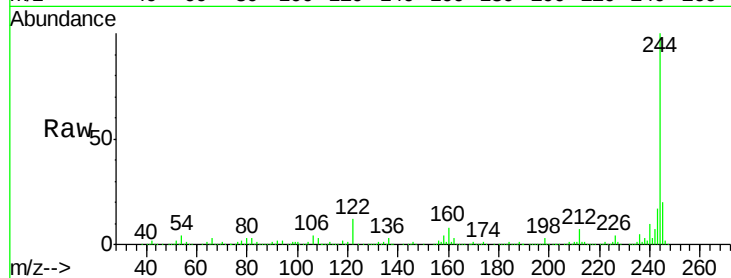
BNA_F

ClientSampleId :

113016-DSDC-F-U-B

Tot Ion:244 Resp: 1290372

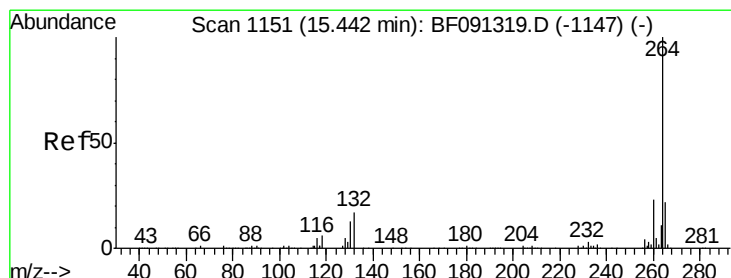
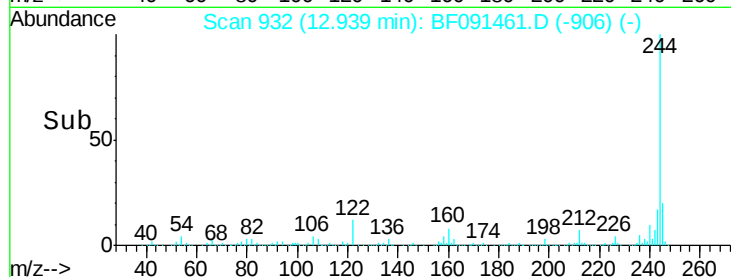
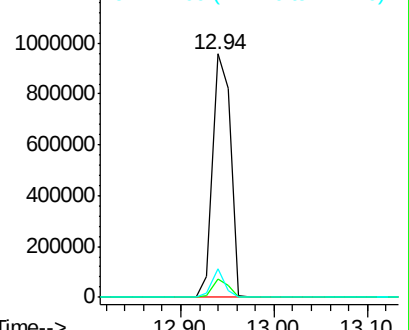
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	11.8	9.5	14.3



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: 15.41 min Scan# 1148

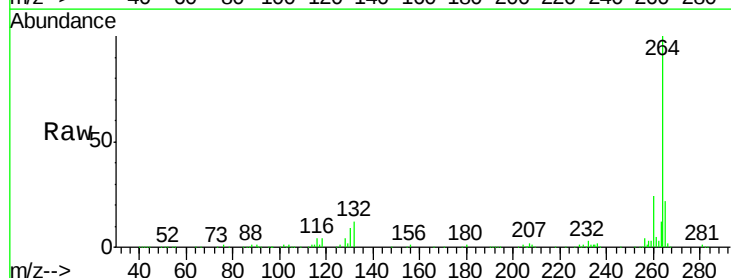
Delta R.T. -0.00 min

Lab File: BF091461.D

Acq: 6 Dec 2016 16:25

Tgt Ion:264 Resp: 244429

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	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

