

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092311.D
 Acq On : 17 Jan 2017 5:37
 Operator : UM/SJ
 Sample : I1206-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011217-DSDC-F-U-M

Quant Time: Jan 17 06:34:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	159196	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	642626	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	400707	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	585614	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	405406	20.00	ng	-0.01
86) Perylene-d12	15.05	264	430494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	199239	20.90	ng	0.01
7) Phenol-d6	6.23	99	233641	20.07	ng	0.00
23) Nitrobenzene-d5	7.14	82	1117952	96.74	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	31387	9.46	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	2040507	107.80	ng	0.00
78) Terphenyl-d14	12.66	244	1473770	88.17	ng	0.00

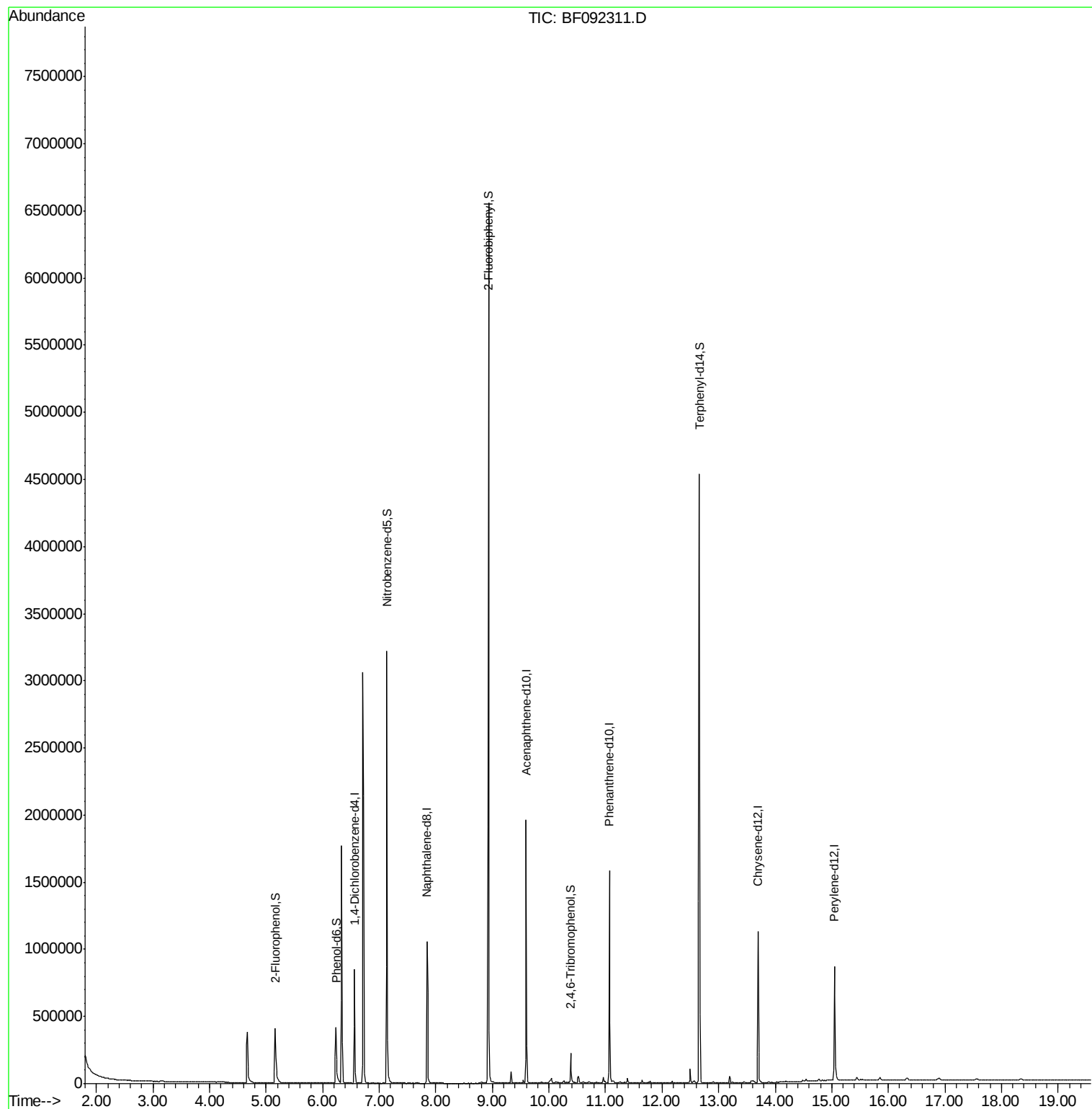
Target Compounds Qvalue

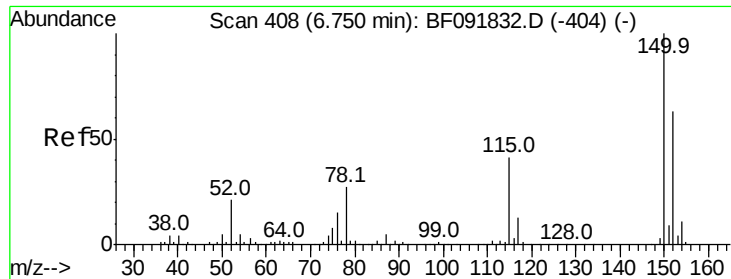
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

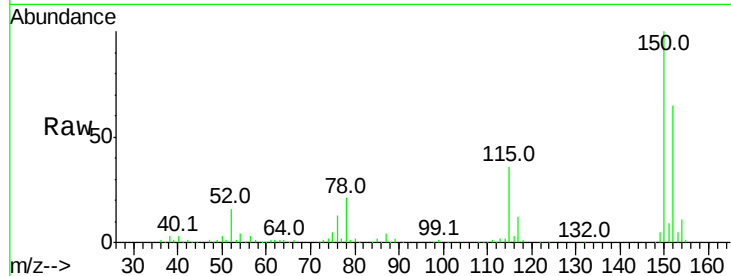
Tot Ion:152 Resp: 159196

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

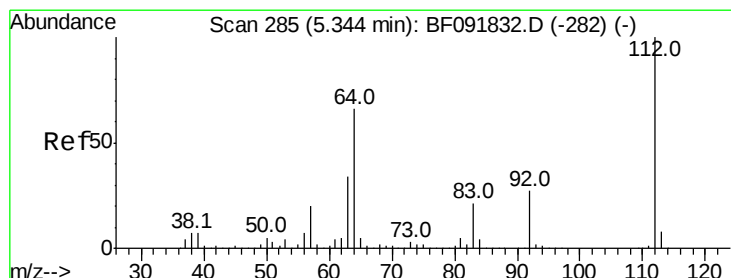
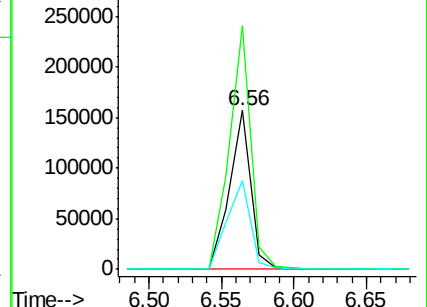
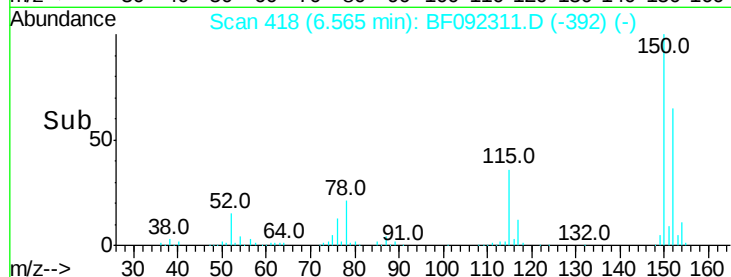
115 55.9 46.0 69.0



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: 20.90 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

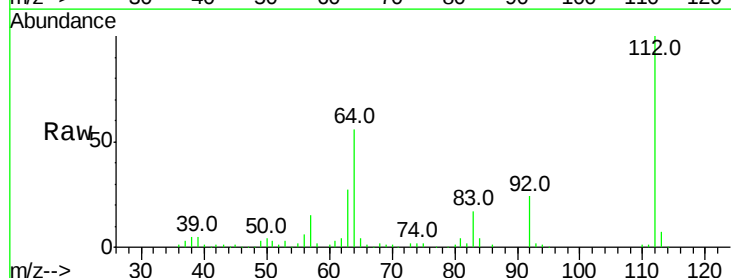
Tgt Ion:112 Resp: 199239

Ion Ratio Lower Upper

112 100

64 55.8 46.1 69.1

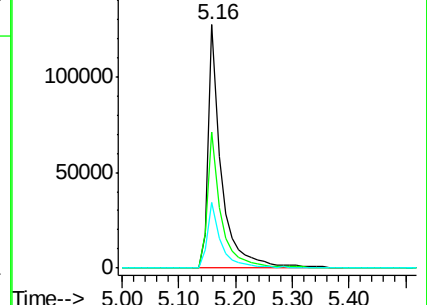
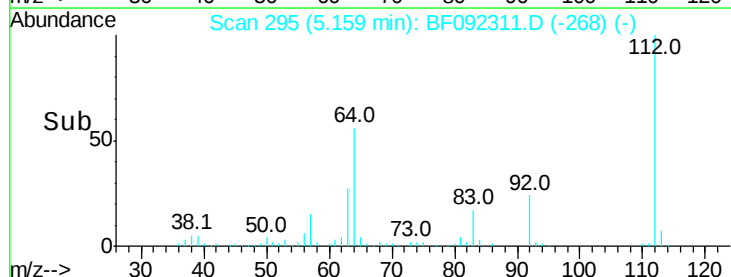
63 27.0 23.8 35.6



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: 20.07 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

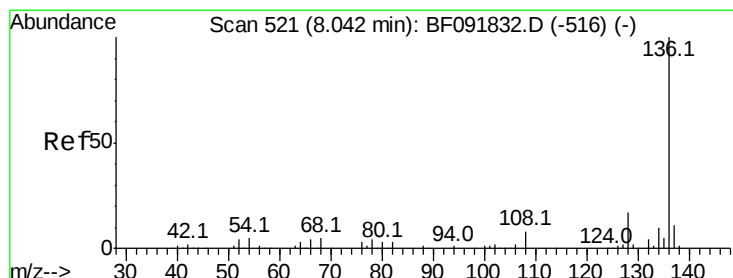
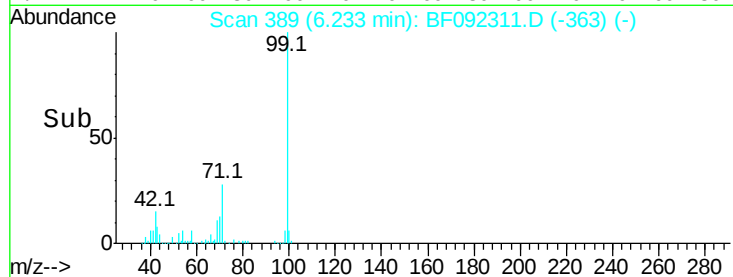
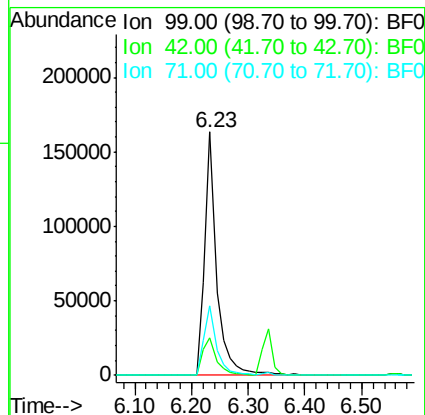
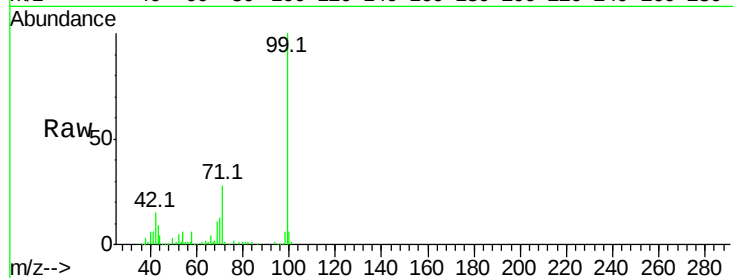
Tot Ion: 99 Resp: 233641

Ion Ratio Lower Upper

99 100

42 15.4 15.6 23.4#

71 28.4 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Tgt Ion: 136 Resp: 642626

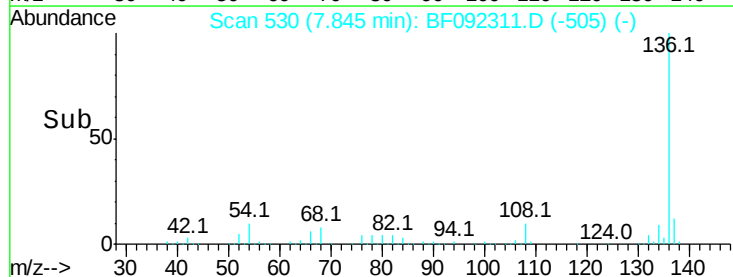
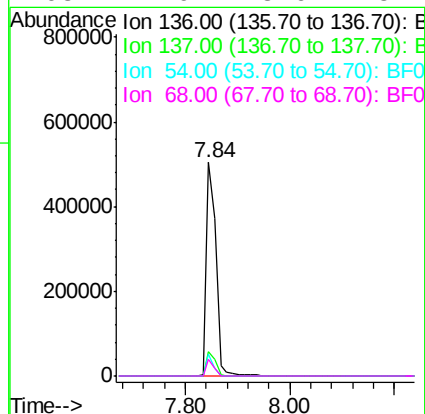
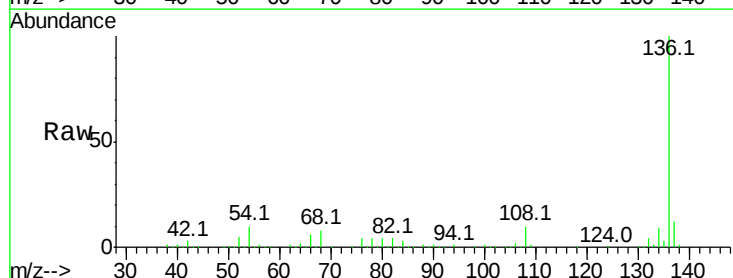
Ion Ratio Lower Upper

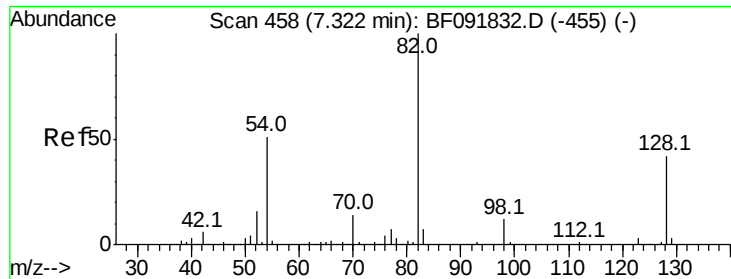
136 100

137 11.7 8.4 12.6

54 10.1 4.5 6.7#

68 7.9 3.6 5.4#

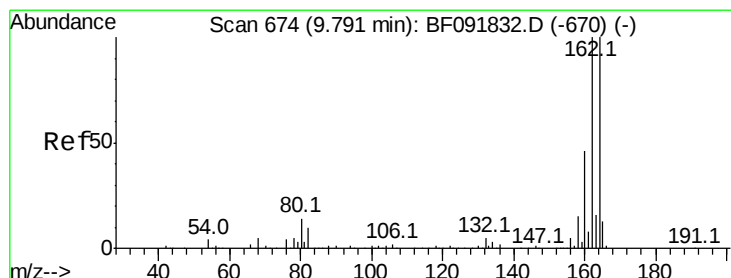
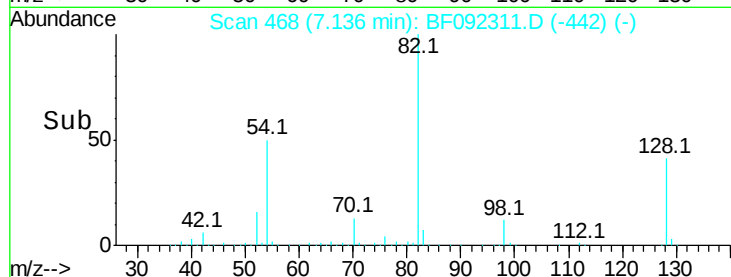
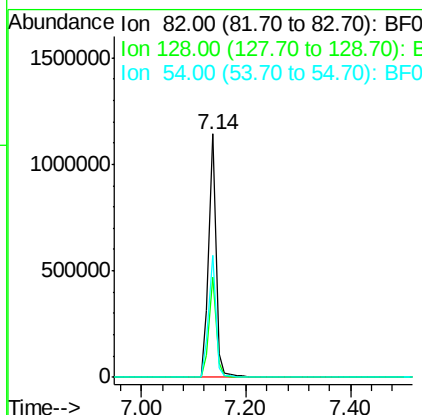
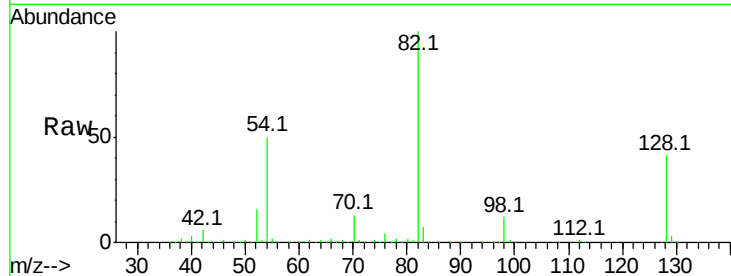




#23
Nitrobenzene-d5
Concen: 96.74 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

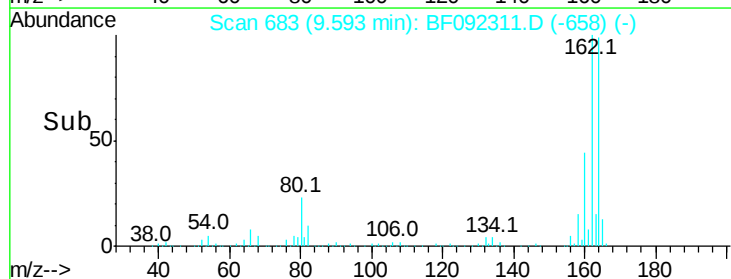
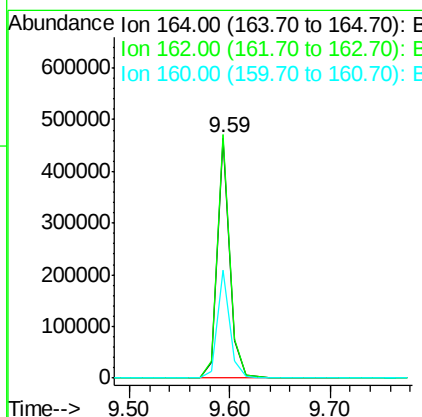
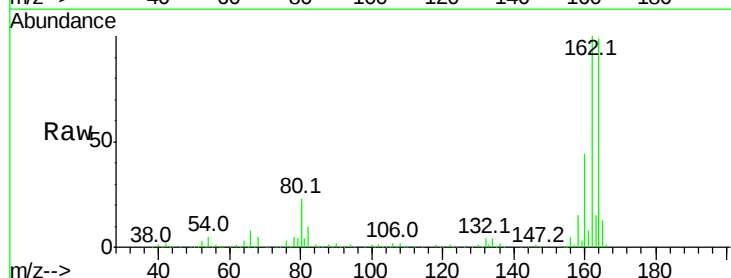
Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-U-M

Tot Ion: 82 Resp: 1117952
Ion Ratio Lower Upper
82 100
128 41.3 34.6 52.0
54 50.2 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

Tgt Ion:164 Resp: 400707
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 45.0 36.9 55.3

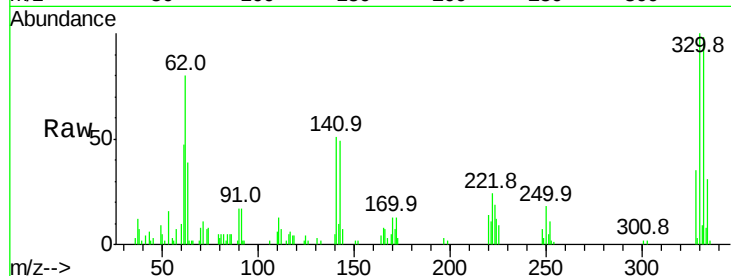




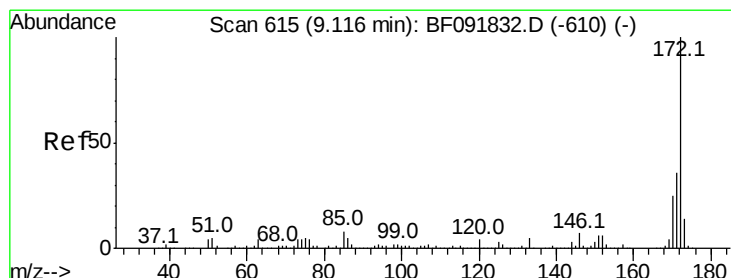
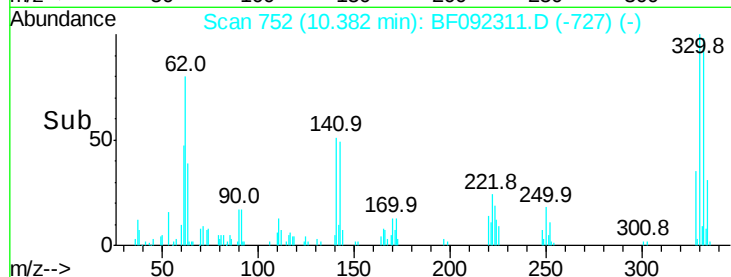
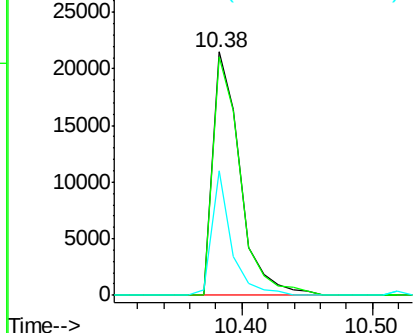
#41
 2,4,6-Tribromophenol
 Concen: 9.46 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampleId :
 011217-DSDC-F-U-M

Tot Ion:330 Resp: 31387
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 36.8 34.1 51.1

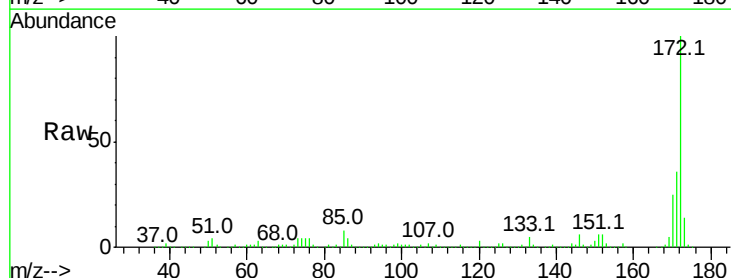


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

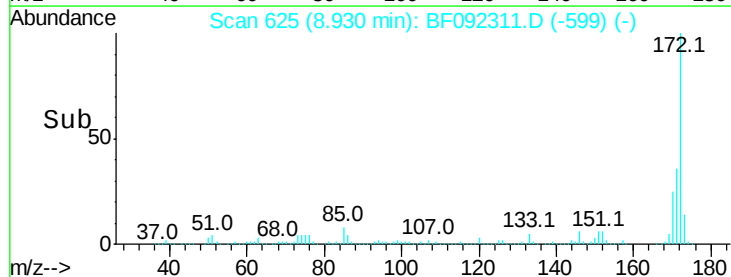
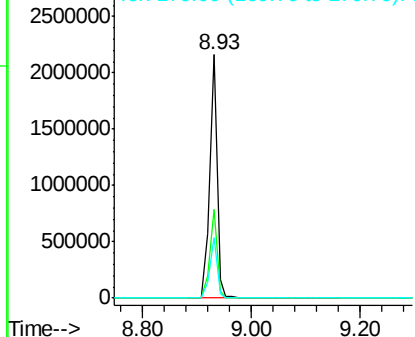


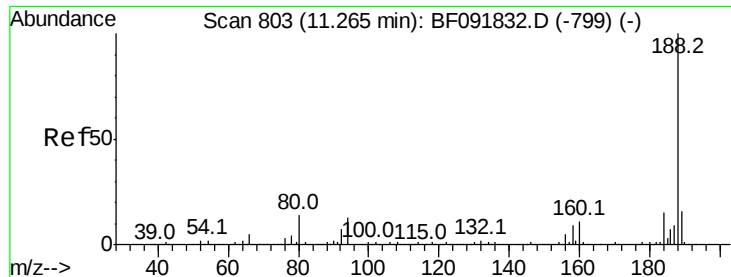
#44
 2-Fluorobiphenyl
 Concen: 107.80 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092311.D
 Acq: 17 Jan 2017 5:37

Tgt Ion:172 Resp: 2040507
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4



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

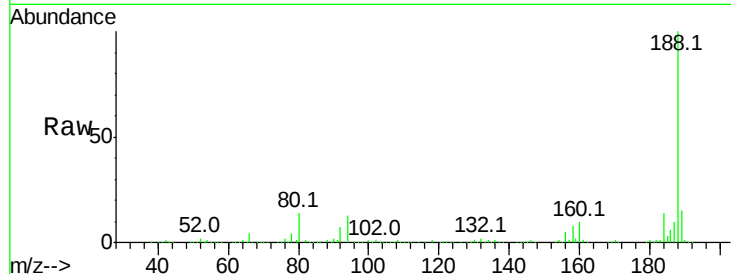




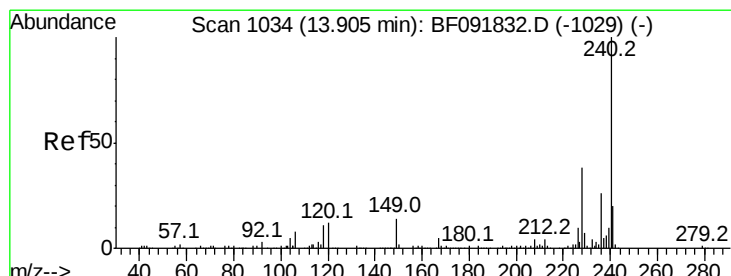
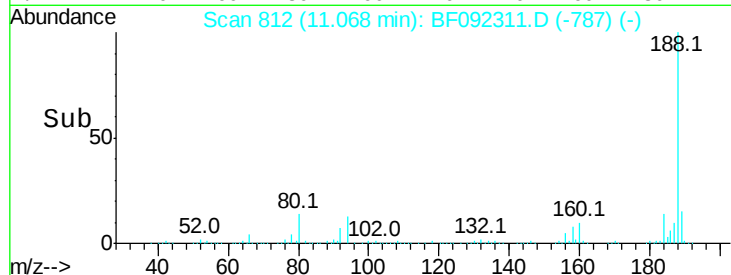
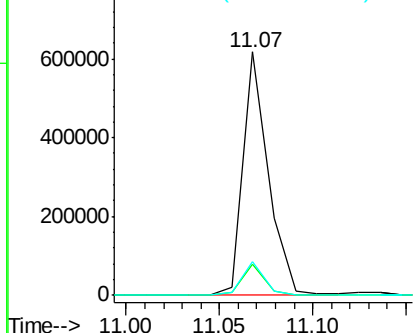
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
011217-DSDC-F-U-M

Tot Ion:188 Resp: 585614
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 13.8 11.2 16.8

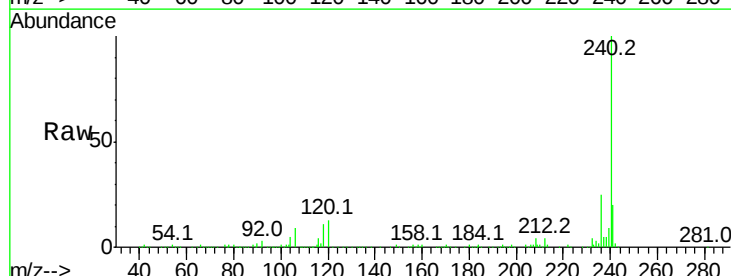


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

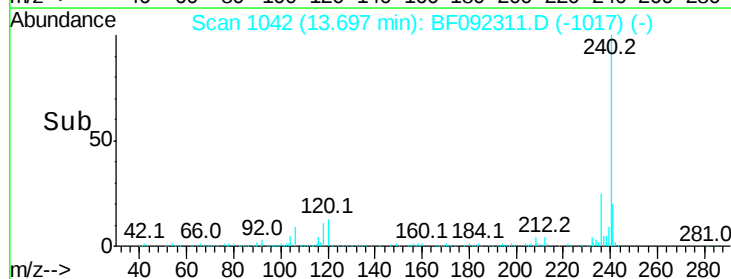
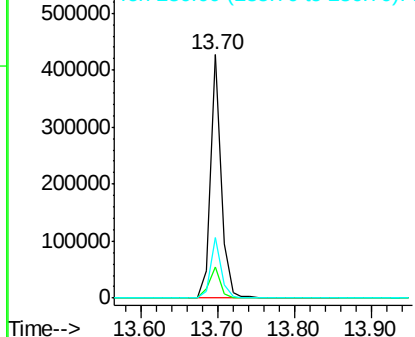


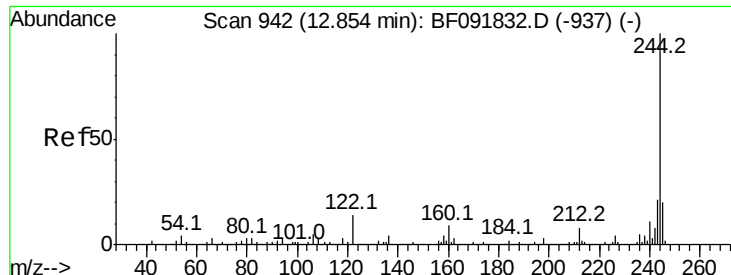
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092311.D
Acq: 17 Jan 2017 5:37

Tgt Ion:240 Resp: 405406
Ion Ratio Lower Upper
240 100
120 12.9 12.9 19.3
236 24.9 20.9 31.3



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: 88.17 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

011217-DSDC-F-U-M

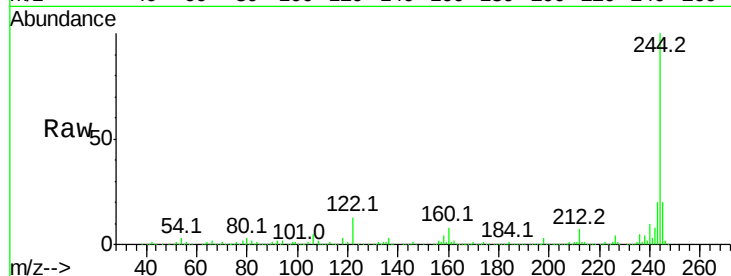
Tot Ion:244 Resp: 1473770

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 13.5 11.4 17.2

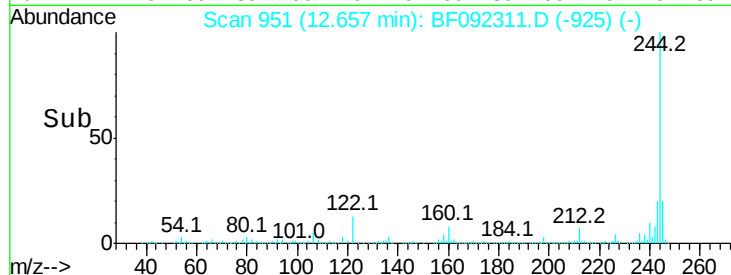


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



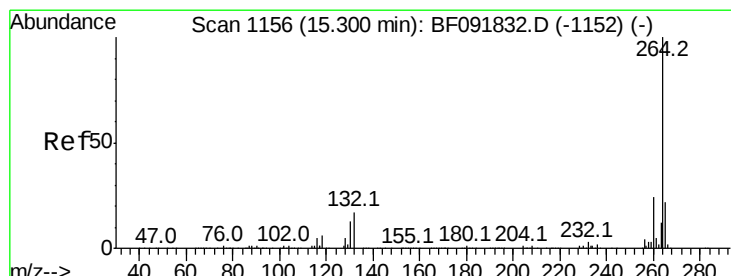
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092311.D

Acq: 17 Jan 2017 5:37

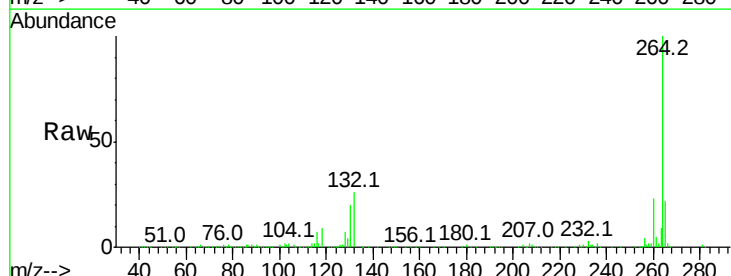
Tgt Ion:264 Resp: 430494

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.4 26.0

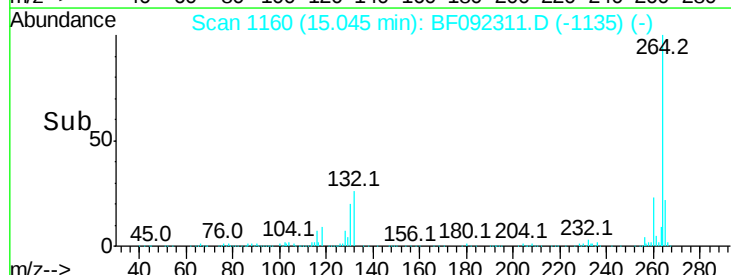


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->