

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092315.D
 Acq On : 17 Jan 2017 7:29
 Operator : UM/SJ
 Sample : I1219-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011317(11-47)

Quant Time: Jan 17 10:59:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	171501	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	688800	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	418813	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	636081	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	426997	20.00	ng	-0.09
86) Perylene-d12	15.06	264	417959	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1641853	159.85	ng	-0.07
7) Phenol-d6	6.23	99	1667409	132.97	ng	-0.08
23) Nitrobenzene-d5	7.14	82	1189219	96.00	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	521835	150.56	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2265146	115.43	ng	-0.08
78) Terphenyl-d14	12.66	244	1586968	90.14	ng	-0.09

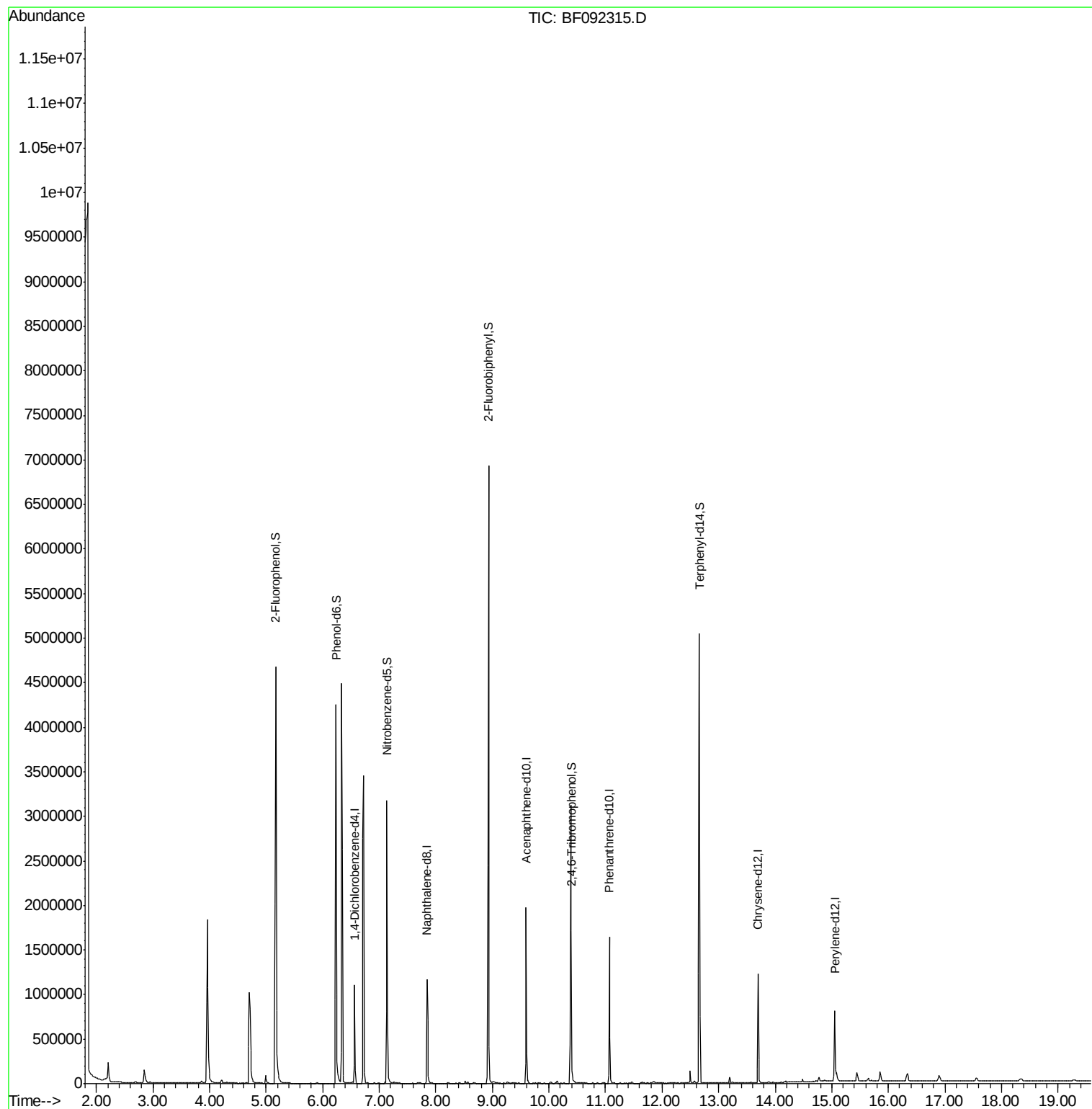
Target Compounds Qvalue

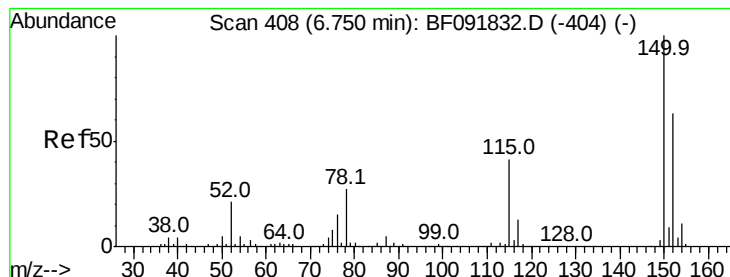
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011317(11-47)

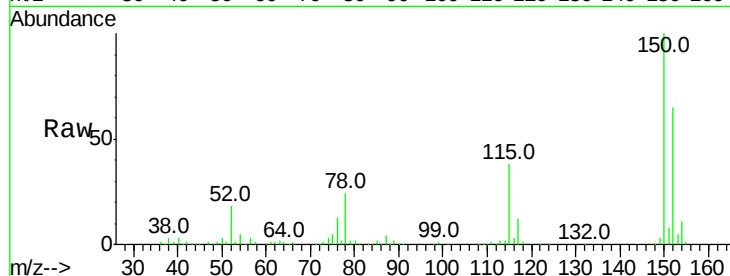
Tot Ion:152 Resp: 171501

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

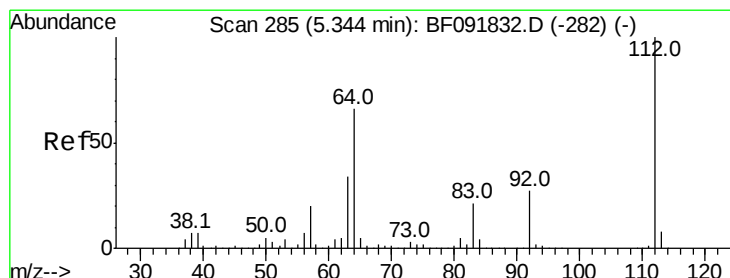
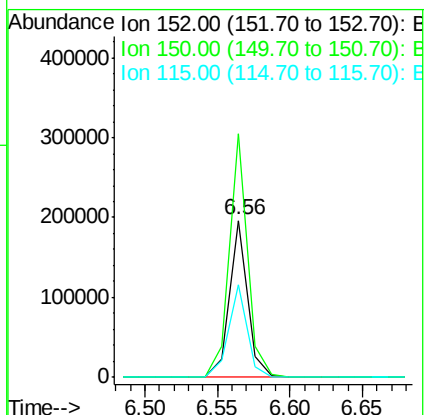
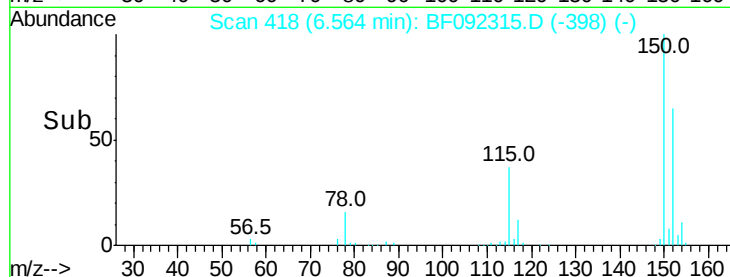
115 58.5 46.0 69.0



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: 159.85 ng

RT: 5.17 min Scan# 296

Delta R.T. -0.07 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

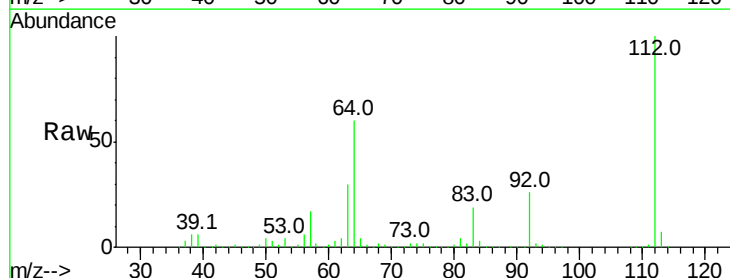
Tgt Ion:112 Resp: 1641853

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

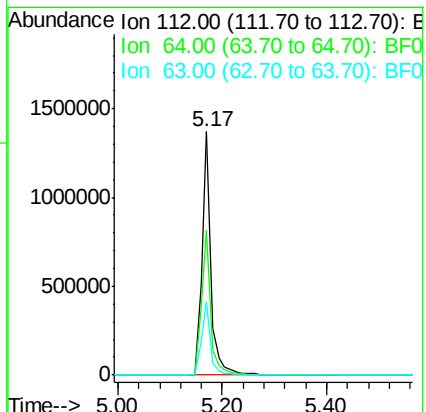
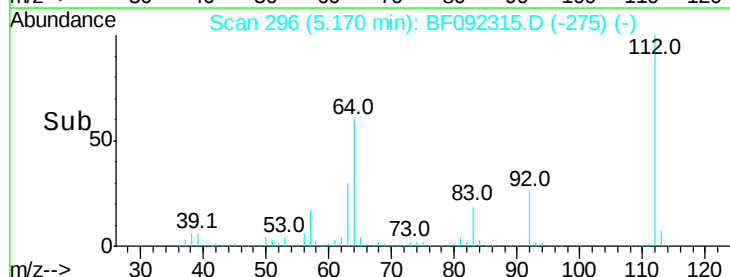
63 30.2 23.8 35.6

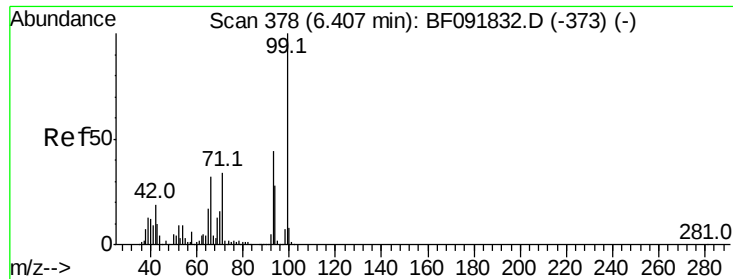


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.97 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011317(11-47)

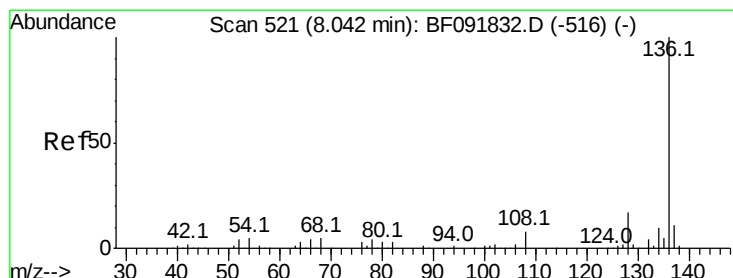
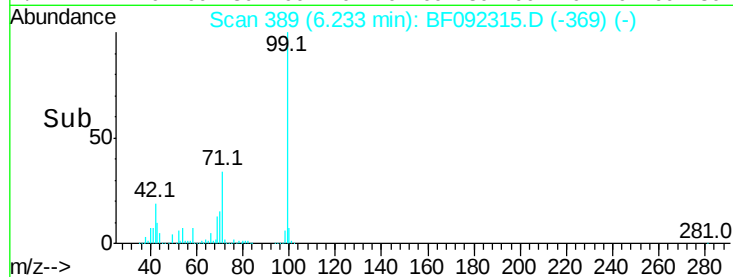
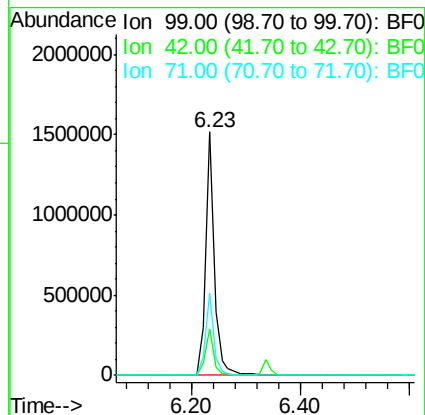
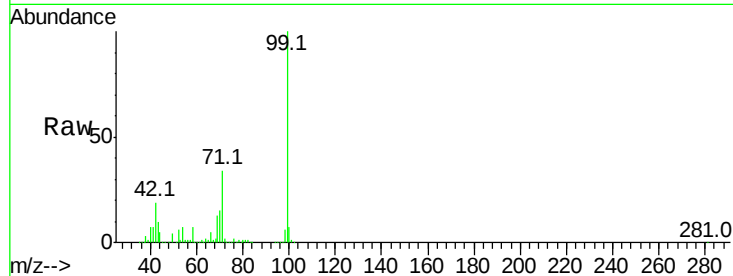
Tot Ion: 99 Resp: 1667409

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Tgt Ion: 136 Resp: 688800

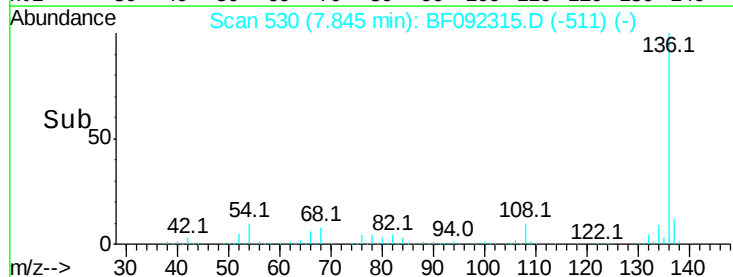
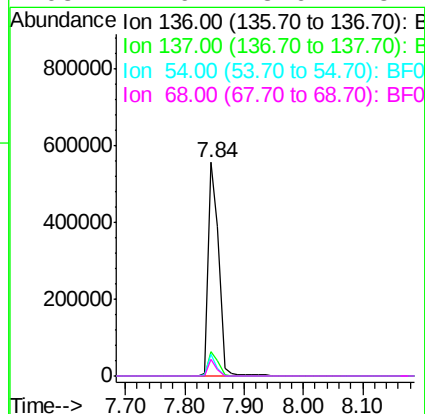
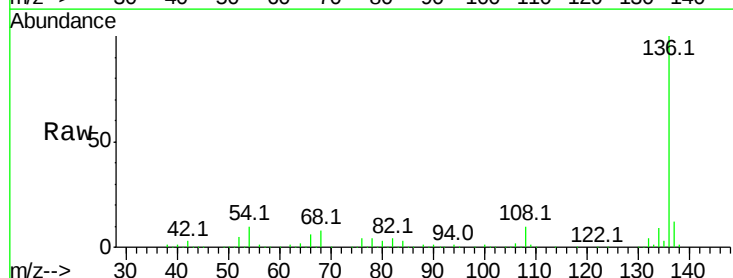
Ion Ratio Lower Upper

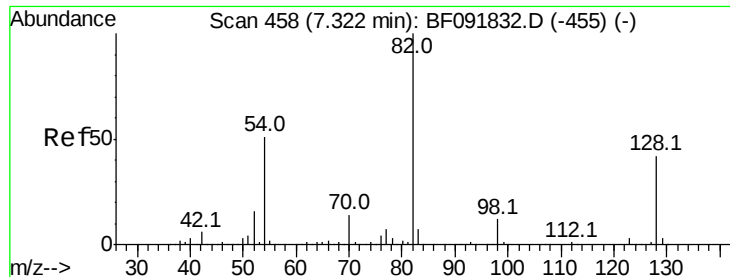
136 100

137 11.5 8.4 12.6

54 10.0 4.5 6.7#

68 7.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 96.00 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.08 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011317(11-47)

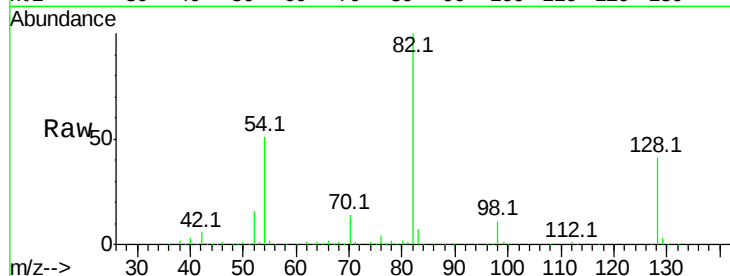
Tot Ion: 82 Resp: 1189219

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	50.7	39.5	59.3

82 100

128 40.8 34.6 52.0

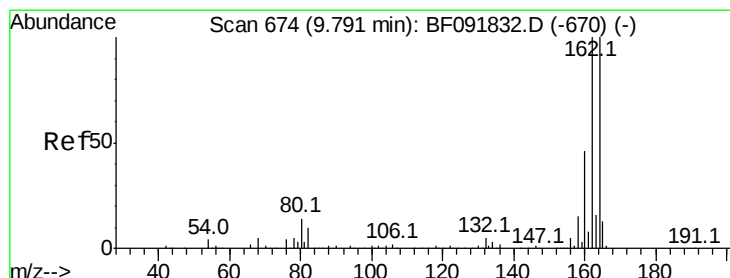
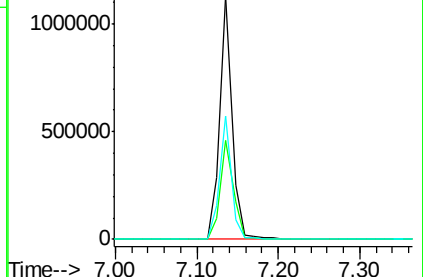
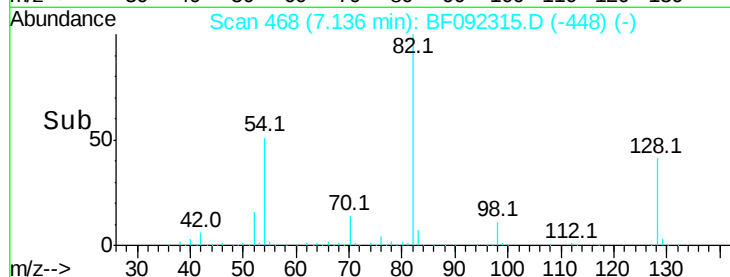
54 50.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

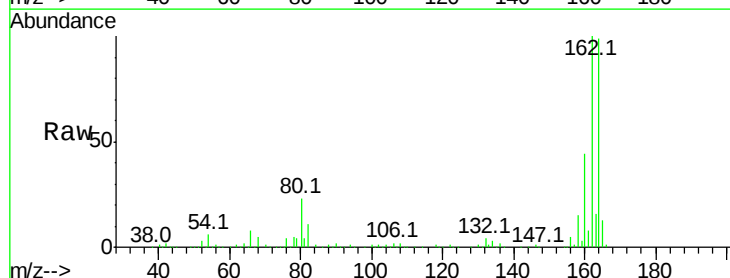
Tgt Ion:164 Resp: 418813

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.6	36.9	55.3

164 100

162 100.8 80.2 120.2

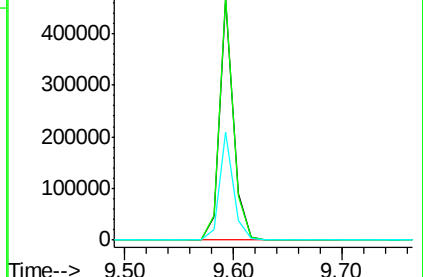
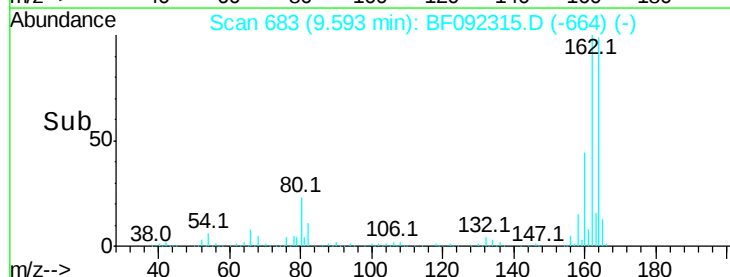
160 44.6 36.9 55.3

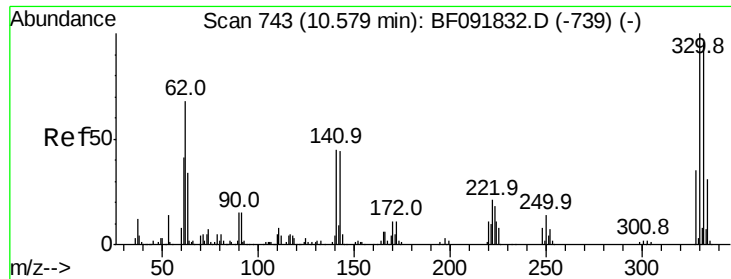


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

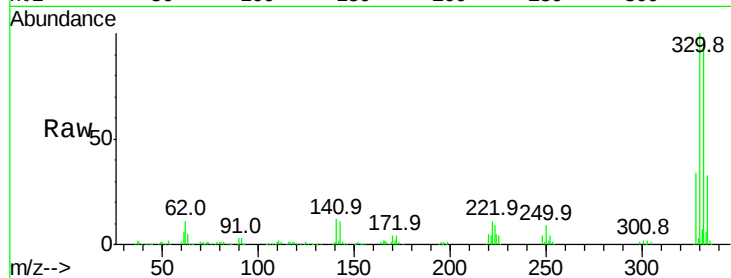




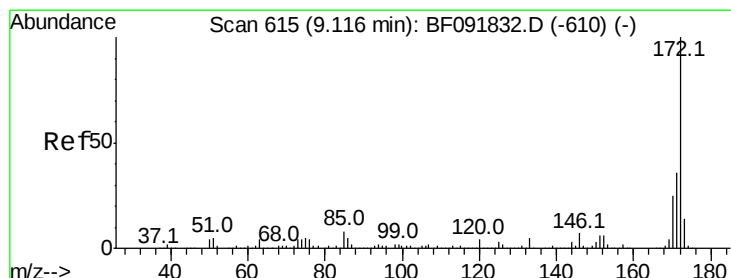
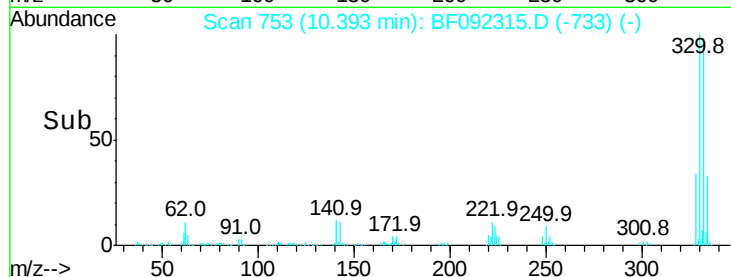
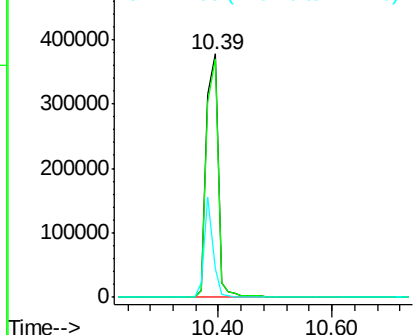
#41
 2,4,6-Tribromophenol
 Concen: 150.56 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

Instrument :
 BNA_F
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 TOD-WCS-011317(11-47)

Tot Ion:330 Resp: 521835
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 31.0 34.1 51.1#

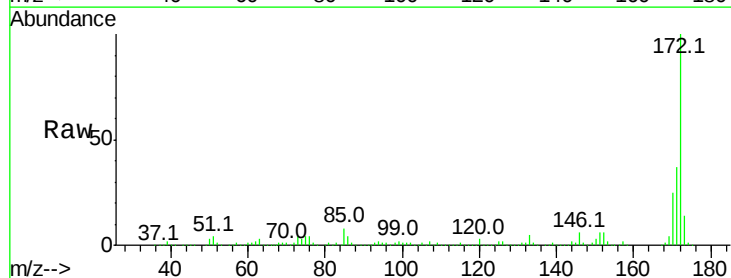


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

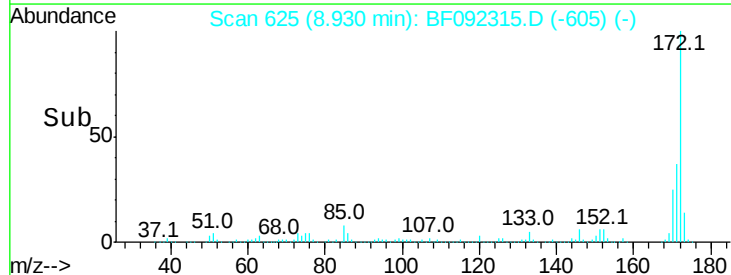
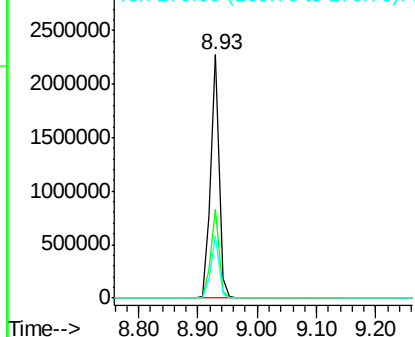


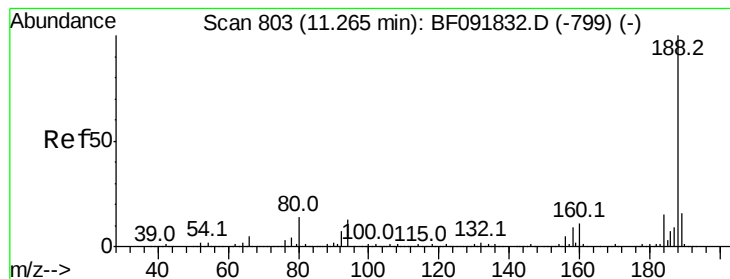
#44
 2-Fluorobiphenyl
 Concen: 115.43 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

Tgt Ion:172 Resp: 2265146
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.3 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. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011317(11-47)

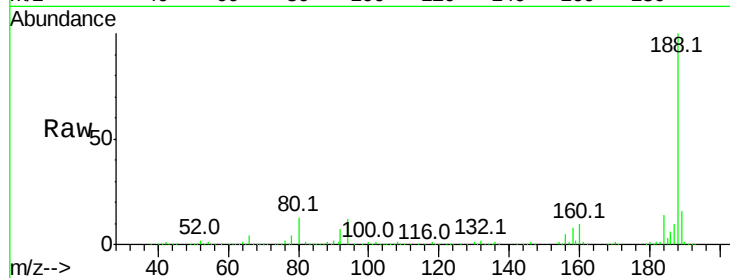
Tot Ion:188 Resp: 636081

Ion Ratio Lower Upper

188 100

94 12.1 10.0 15.0

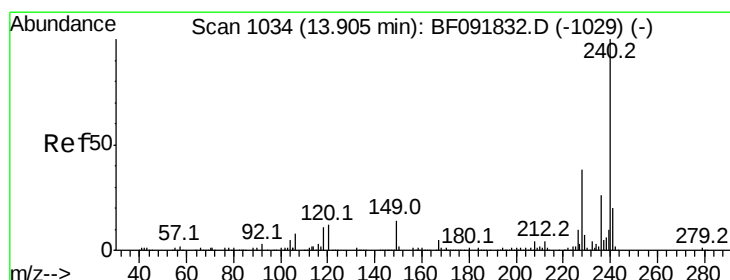
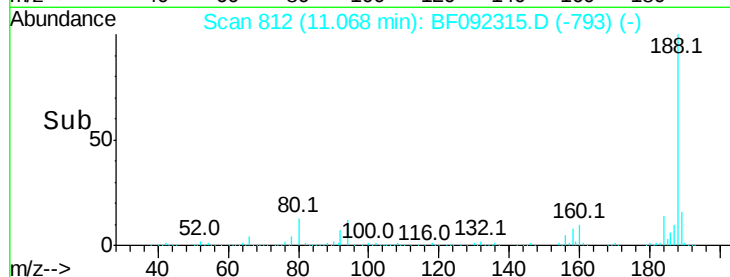
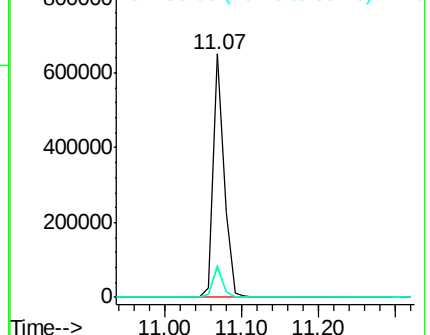
80 13.3 11.2 16.8



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. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

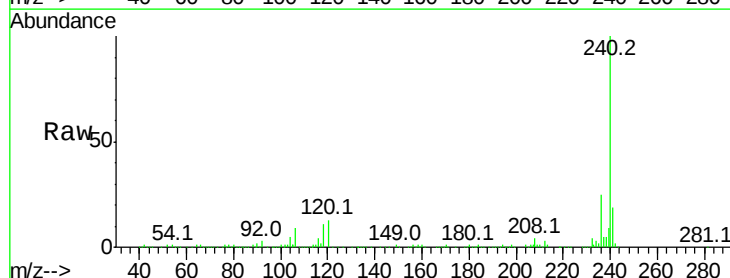
Tgt Ion:240 Resp: 426997

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

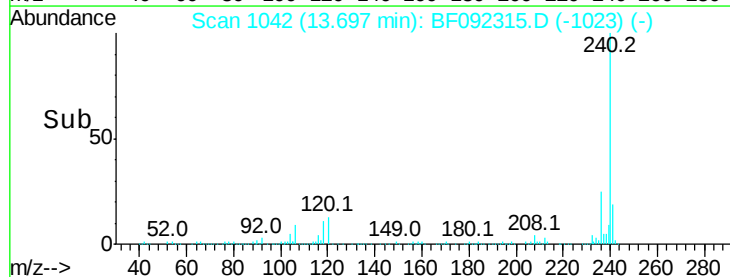
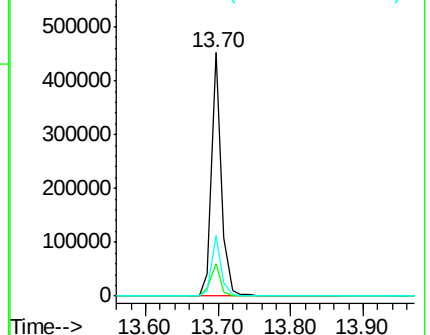
236 25.0 20.9 31.3

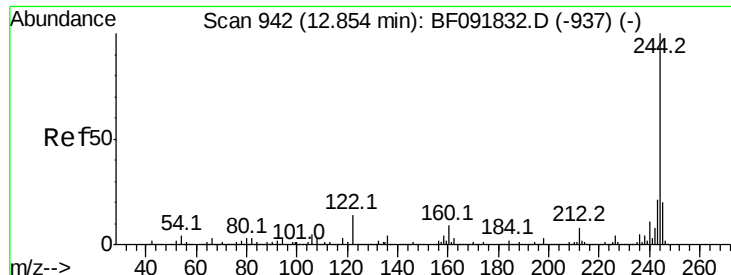


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.14 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011317(11-47)

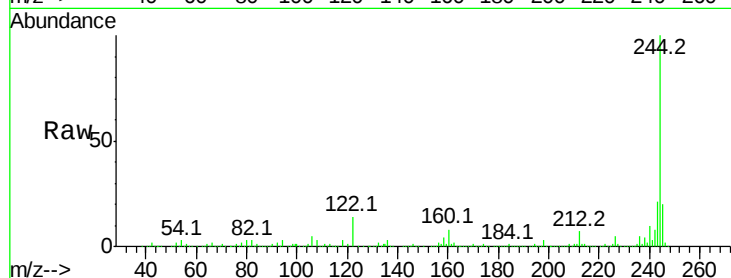
Tot Ion:244 Resp: 1586968

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

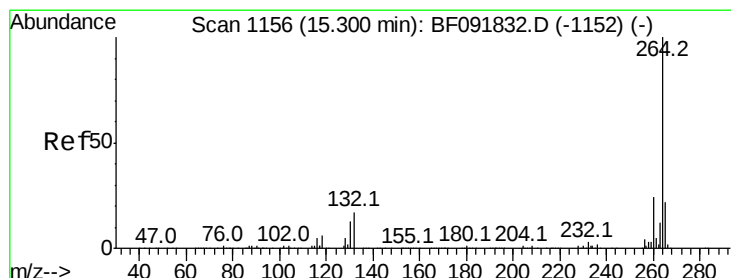
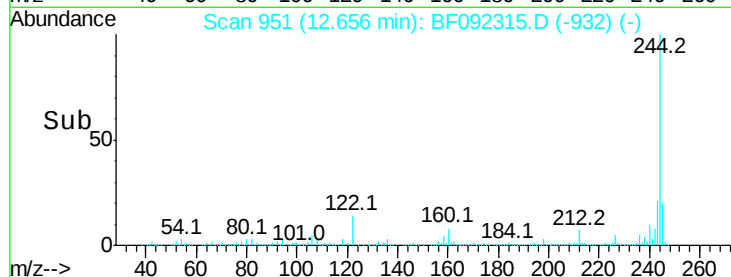
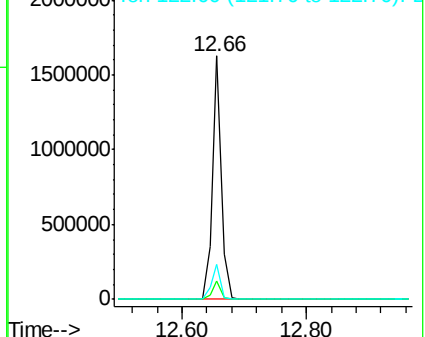
122 14.3 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1161

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

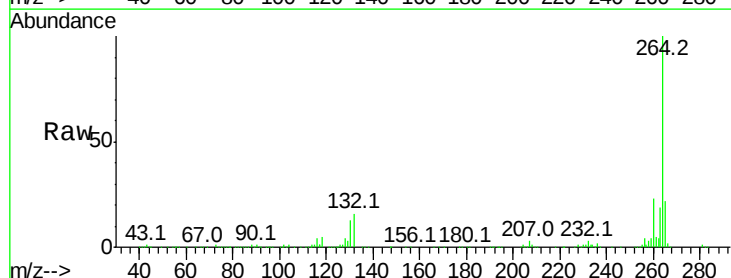
Tgt Ion:264 Resp: 417959

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.8 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

