

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092312.D
 Acq On : 17 Jan 2017 6:05
 Operator : UM/SJ
 Sample : I1182-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Quant Time: Jan 17 06:38:17 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	174820	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	663261	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	347228	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	631605	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	410282	20.00	ng	-0.01
86) Perylene-d12	15.05	264	451758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1633912	156.06	ng	0.02
7) Phenol-d6	6.23	99	1614014	126.26	ng	0.00
23) Nitrobenzene-d5	7.14	82	1165529	97.71	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	442228	153.89	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1963120	121.36	ng	0.00
78) Terphenyl-d14	12.66	244	1560944	92.27	ng	0.00

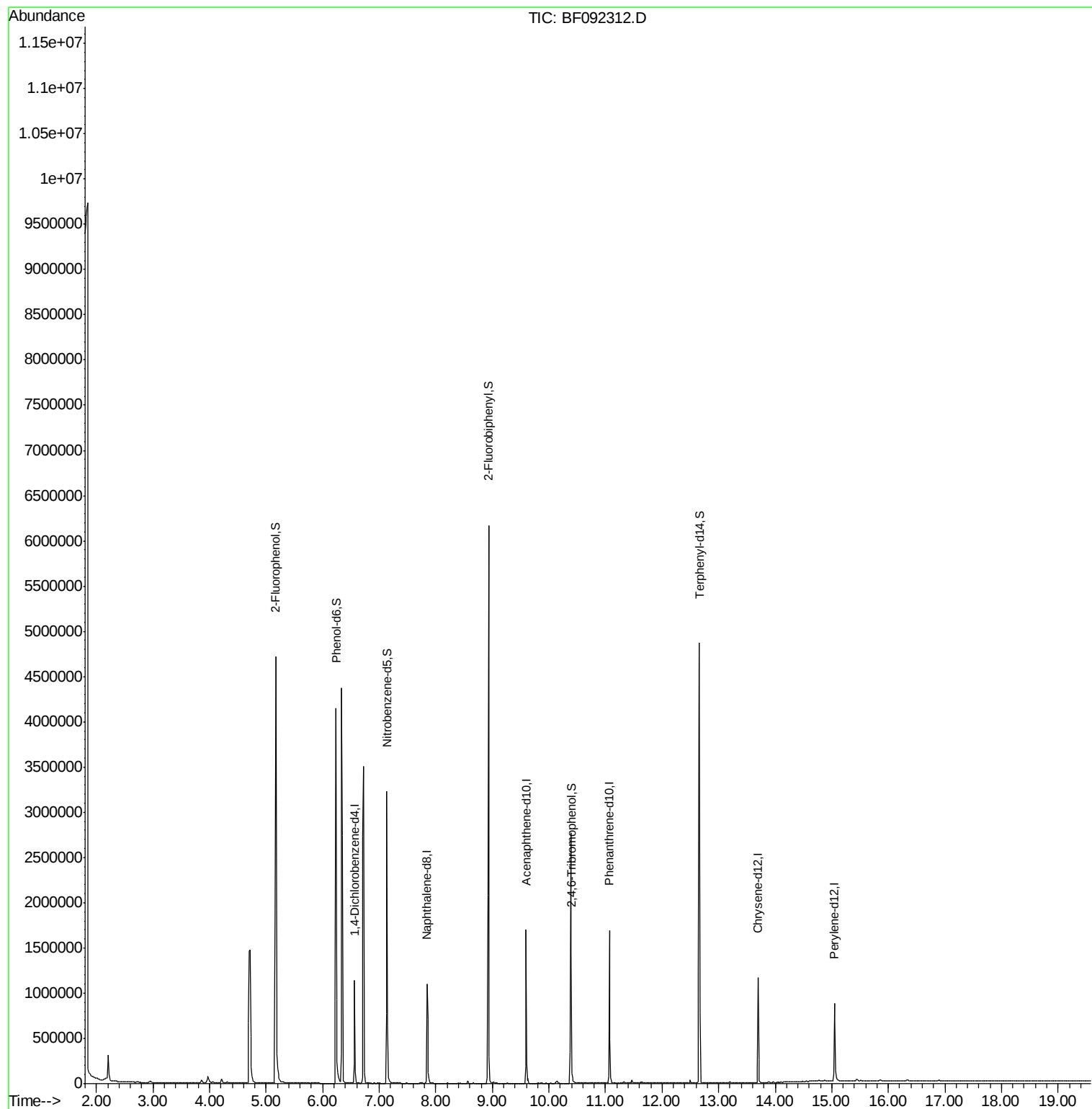
Target Compounds Qvalue

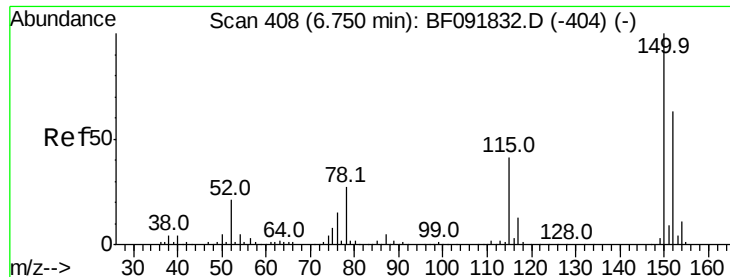
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

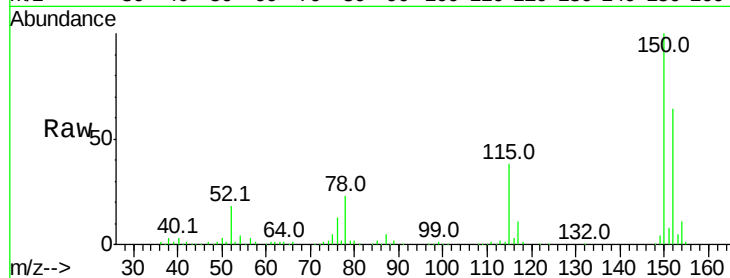
Tot Ion:152 Resp: 174820

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

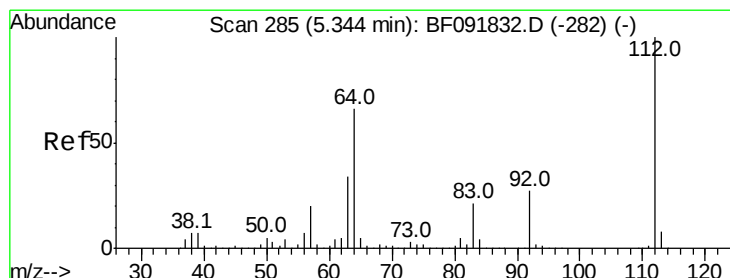
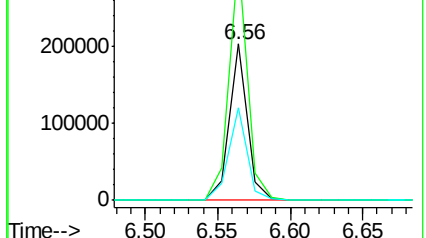
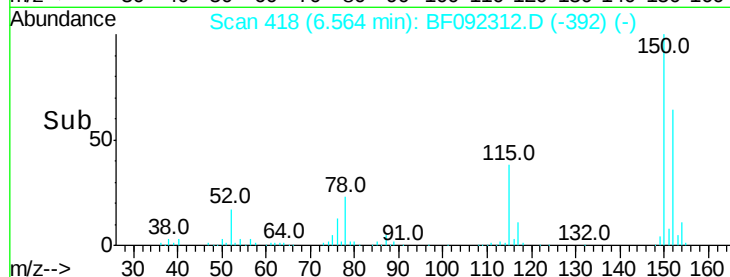
115 59.1 46.0 69.0



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: 156.06 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

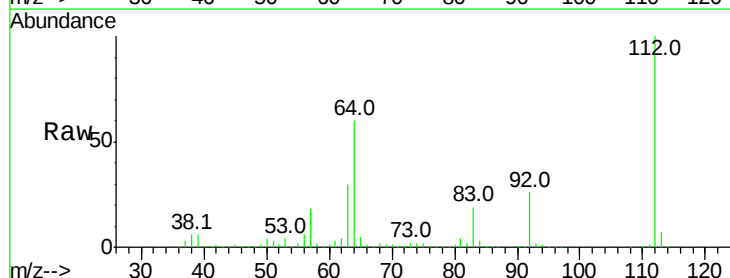
Tgt Ion:112 Resp: 1633912

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

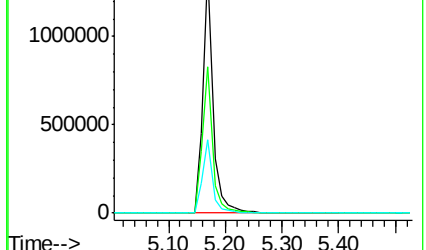
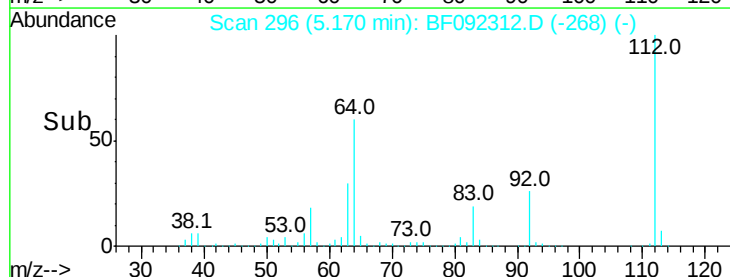
63 30.3 23.8 35.6



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: 126.26 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

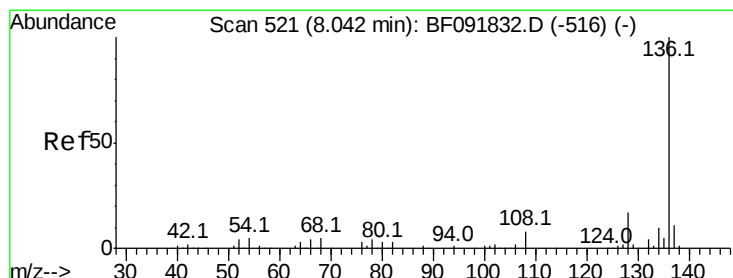
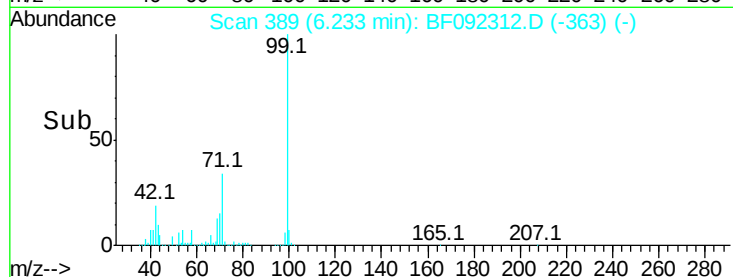
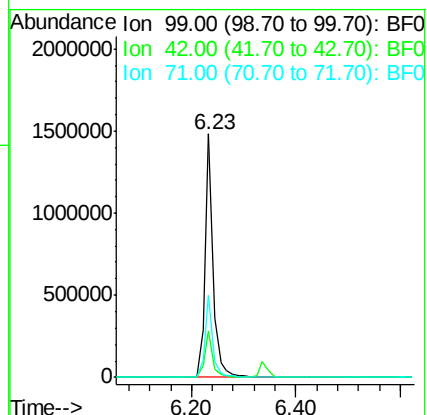
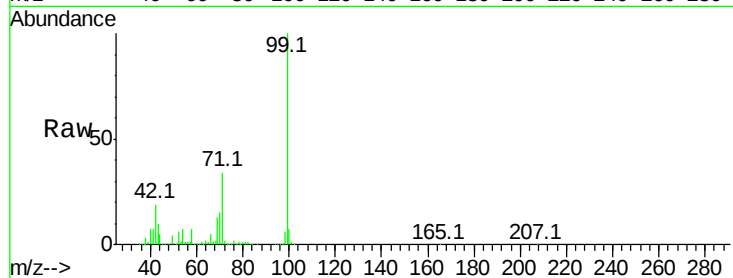
Tot Ion: 99 Resp: 1614014

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.8 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: BF092312.D

Acq: 17 Jan 2017 6:05

Tgt Ion: 136 Resp: 663261

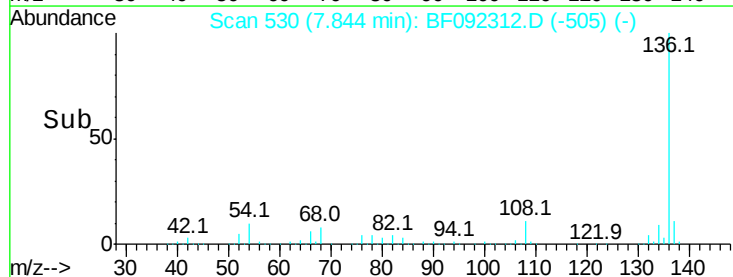
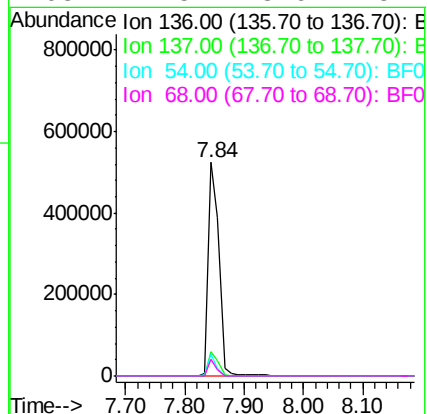
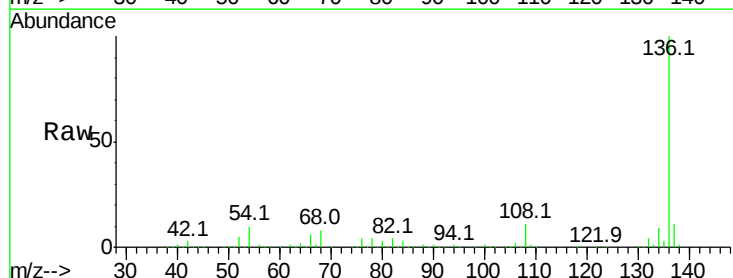
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.0 4.5 6.7#

68 7.5 3.6 5.4#



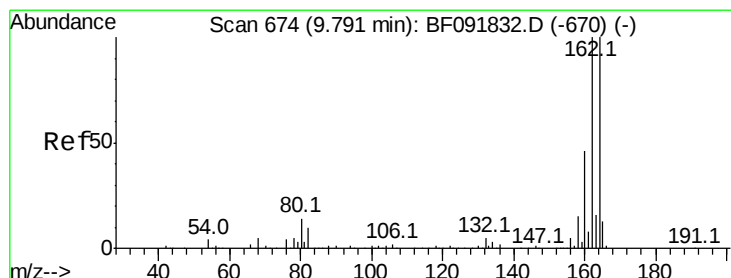
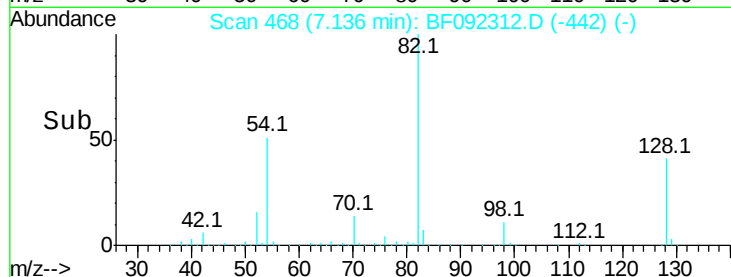
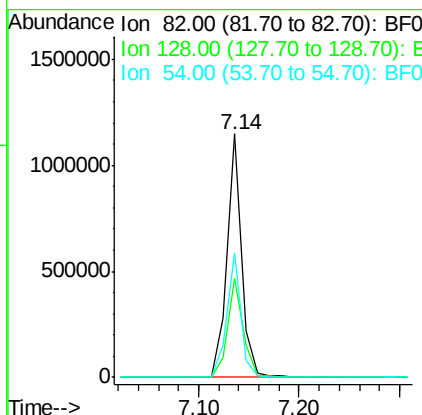
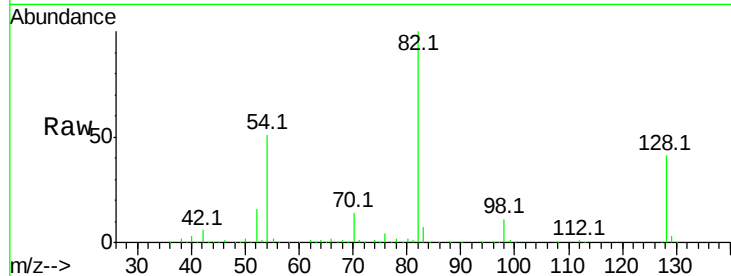


#23
 Nitrobenzene-d5
 Concen: 97.71 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tot Ion: 82 Resp: 1165529

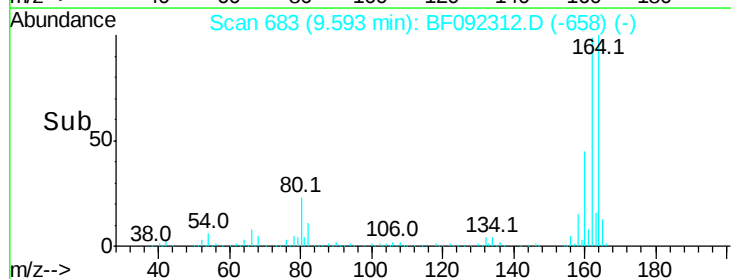
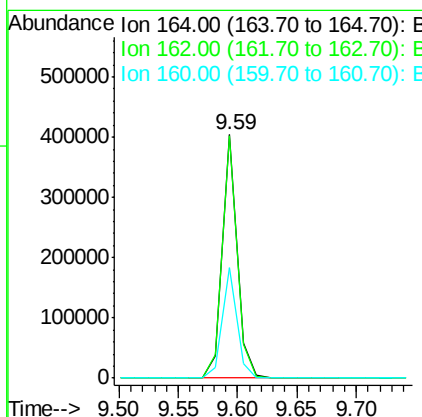
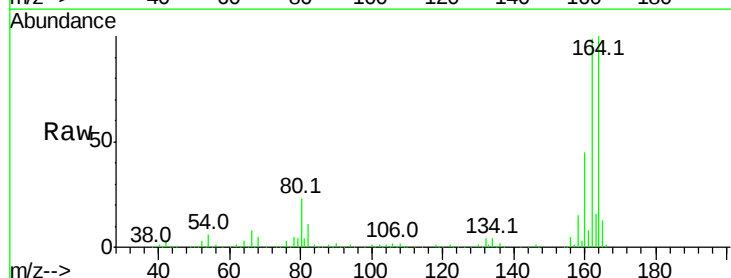
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	51.2	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion: 164 Resp: 347228

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	45.2	36.9	55.3

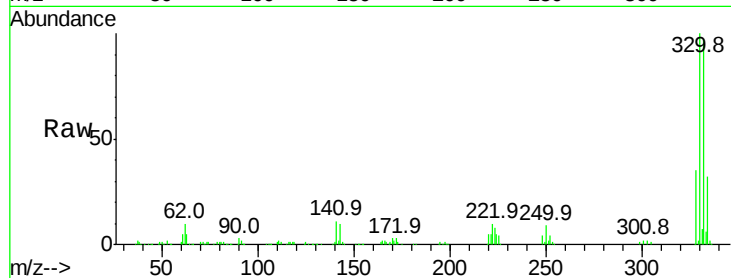




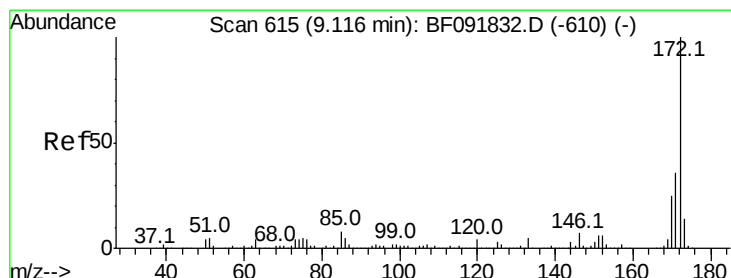
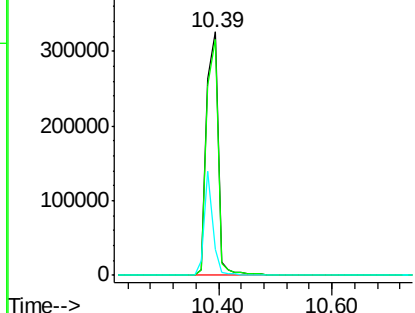
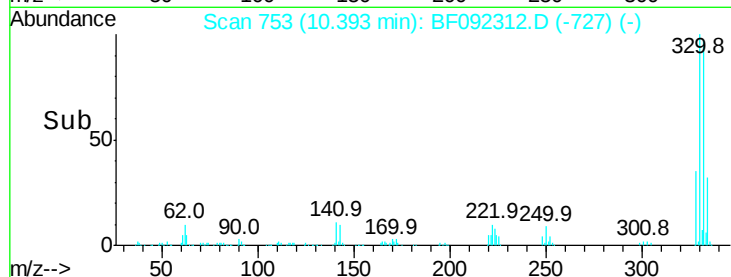
#41
 2,4,6-Tribromophenol
 Concen: 153.89 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tot Ion:330 Resp: 442228
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 32.0 34.1 51.1#

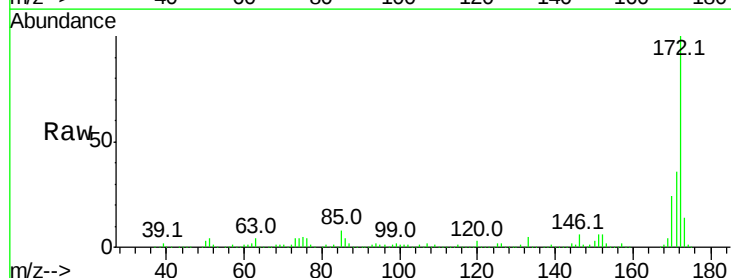


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

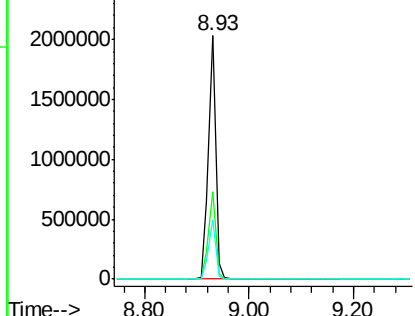
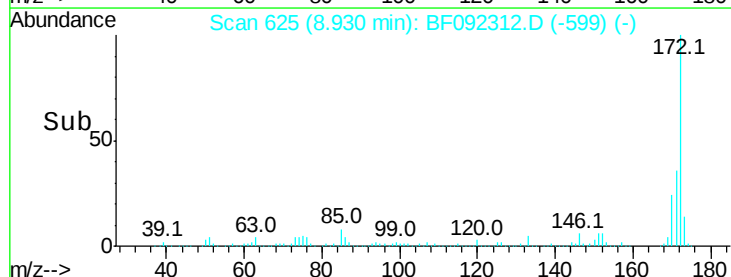


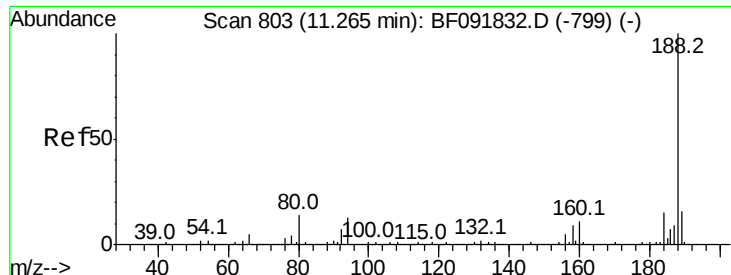
#44
 2-Fluorobiphenyl
 Concen: 121.36 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:172 Resp: 1963120
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 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

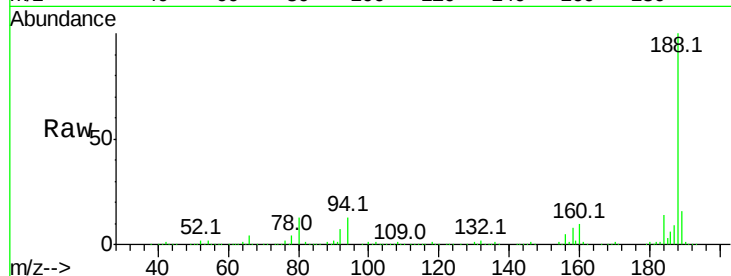




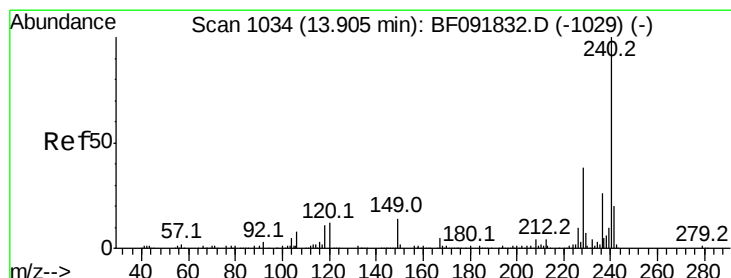
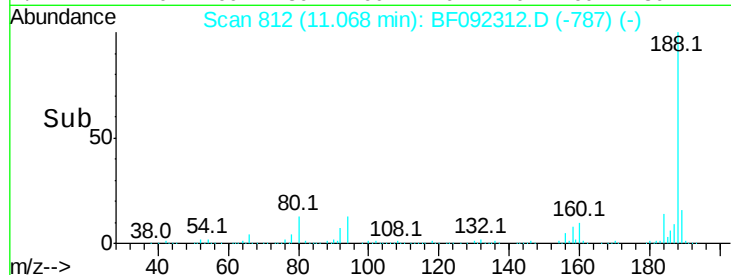
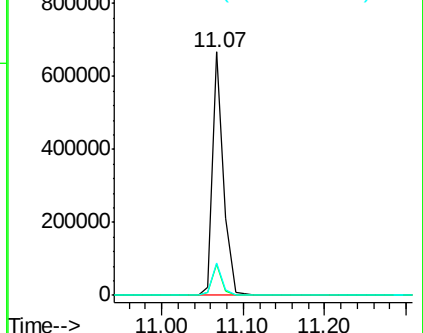
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tot Ion:188 Resp: 631605
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.0 15.0
 80 13.4 11.2 16.8

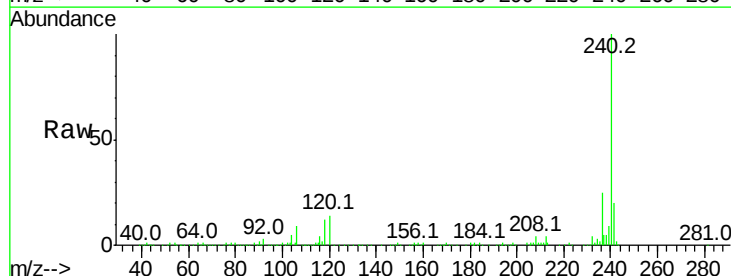


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

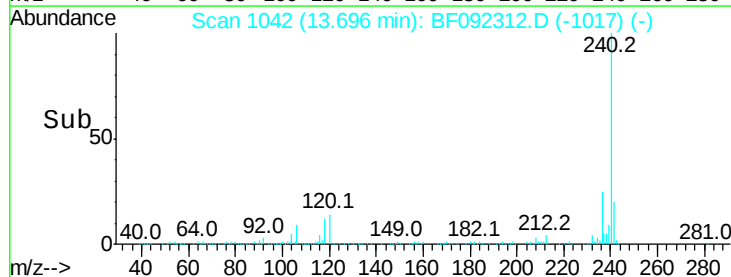
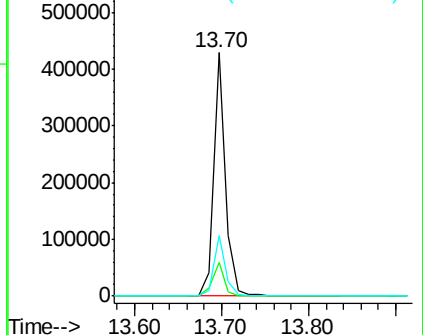


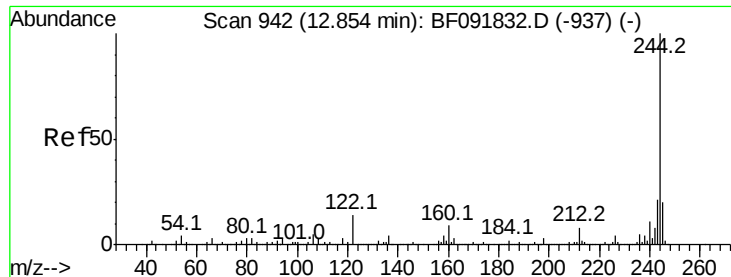
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:240 Resp: 410282
 Ion Ratio Lower Upper
 240 100
 120 13.6 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: 92.27 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

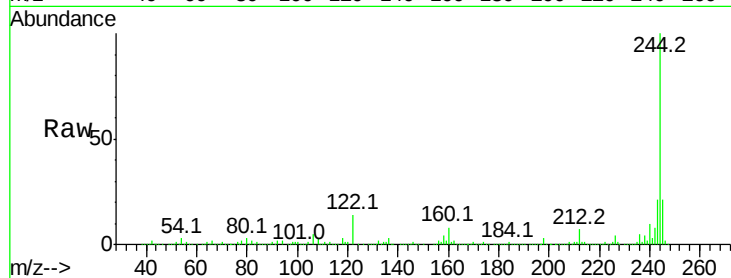
Tot Ion:244 Resp: 1560944

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

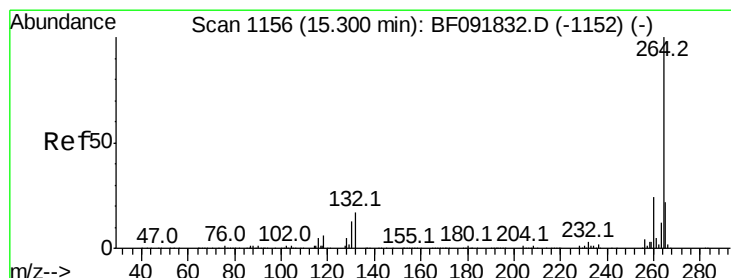
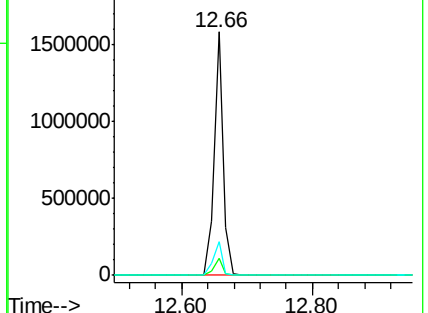
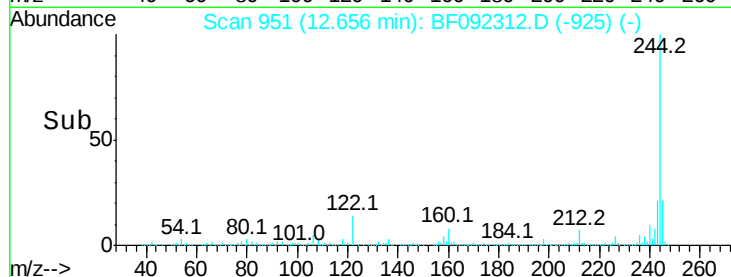
122 13.8 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

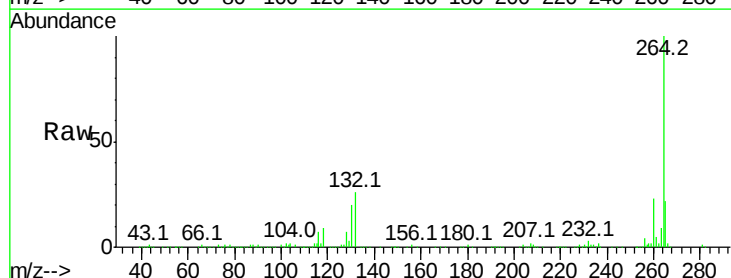
Tgt Ion:264 Resp: 451758

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.2 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

