

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092456.D
 Acq On : 25 Jan 2017 3:47
 Operator : UM/SJ
 Sample : I1397-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Jan 25 05:40:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

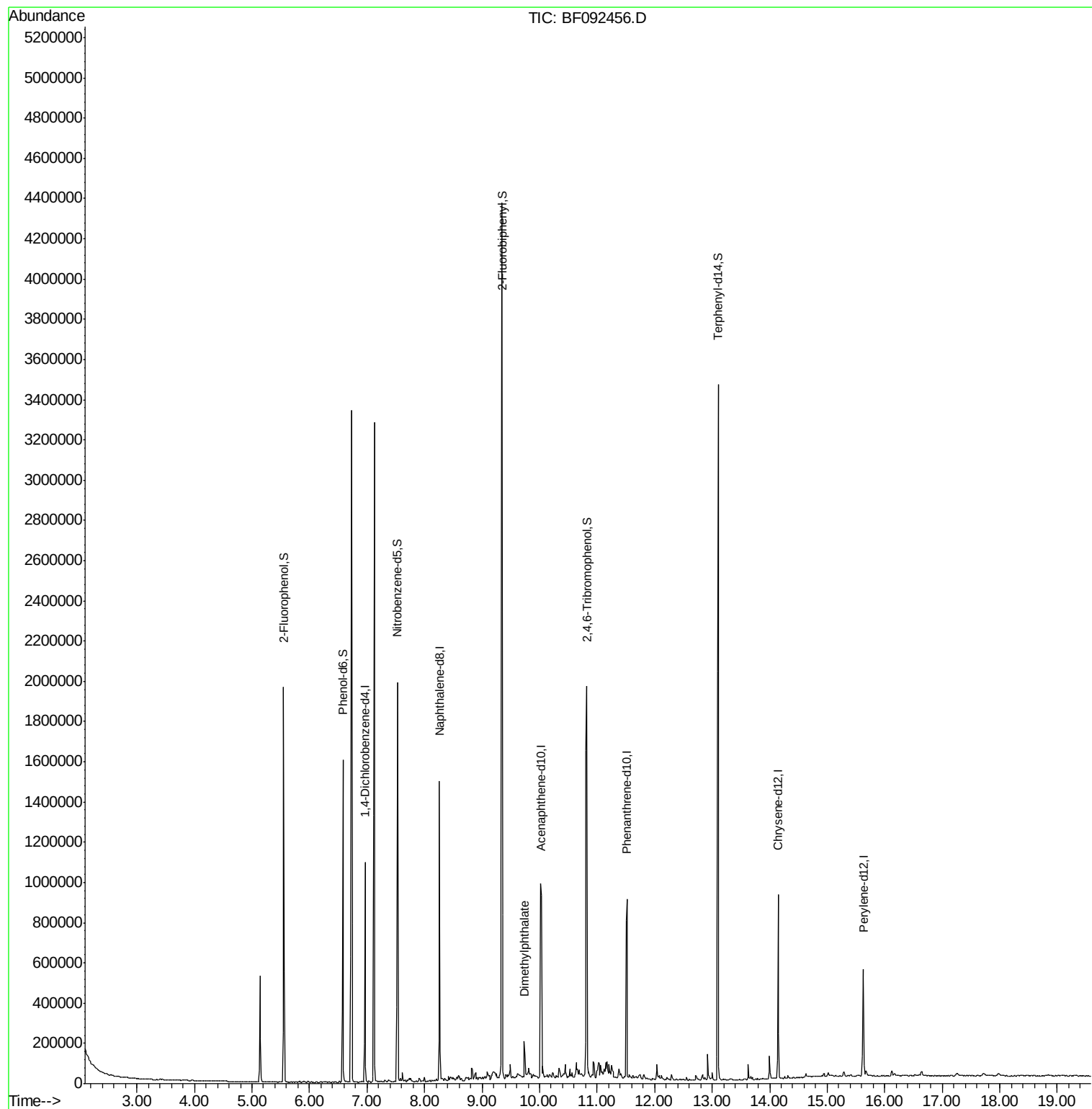
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147263	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	597863	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	305895	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	458519	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	302105	20.00	ng	-0.02
86) Perylene-d12	15.63	264	291329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	525394	55.51	ng	0.00
7) Phenol-d6	6.58	99	477619	39.62	ng	-0.01
23) Nitrobenzene-d5	7.53	82	966243	88.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	299633	143.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1446189	87.42	ng	-0.01
78) Terphenyl-d14	13.10	244	1257138	110.81	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.73	163	83767	4.31	ng	Qvalue 98

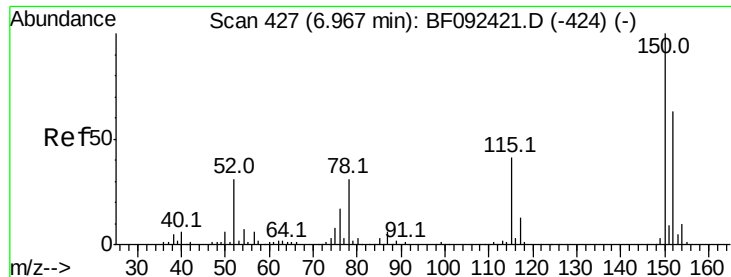
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

Instrument :

BNA_F

ClientSampleId :

W-03

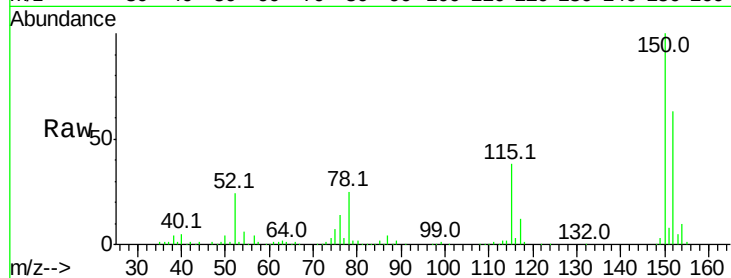
Tot Ion:152 Resp: 147263

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

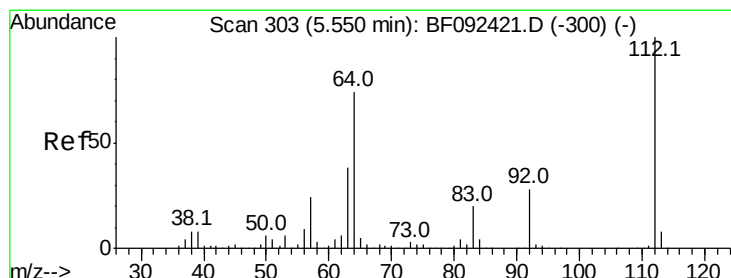
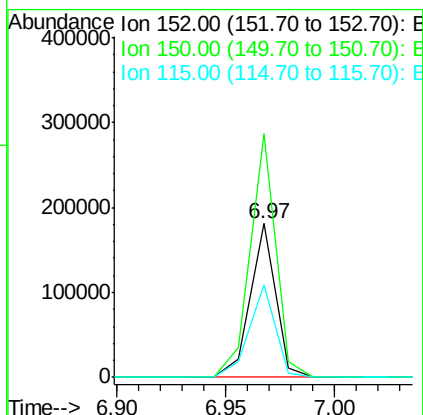
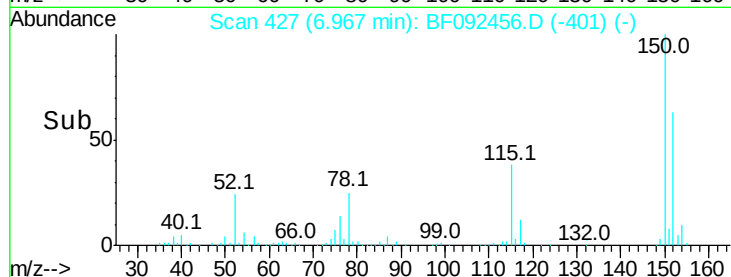
115 60.3 46.0 69.0



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: 55.51 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

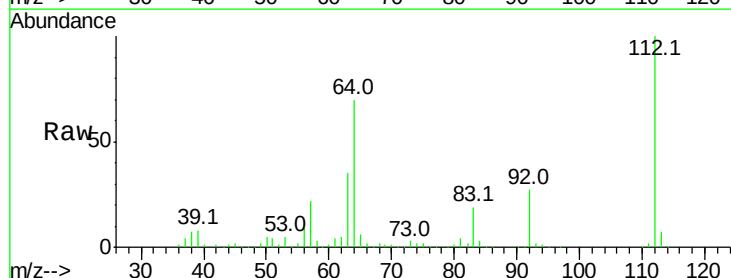
Tgt Ion:112 Resp: 525394

Ion Ratio Lower Upper

112 100

64 69.7 46.1 69.1#

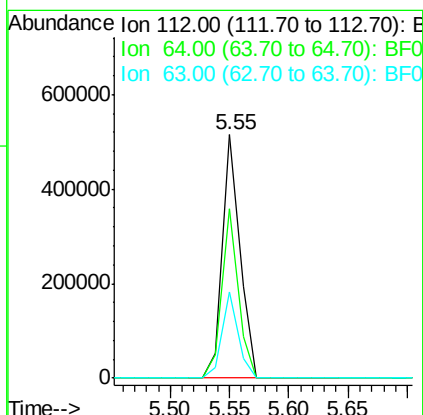
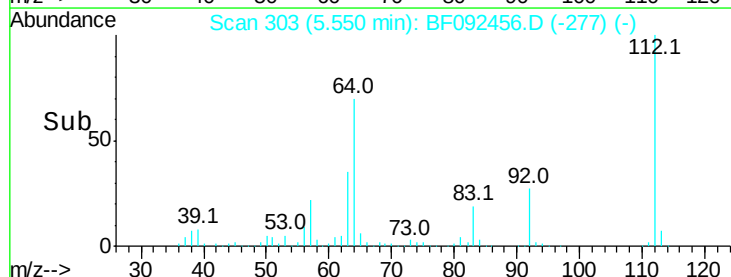
63 35.3 23.8 35.6

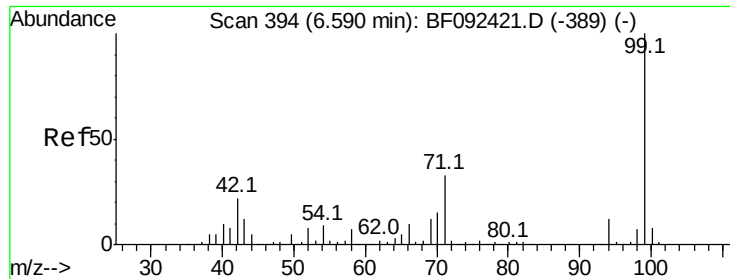


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.62 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

Instrument :

BNA_F

ClientSampleId :

W-03

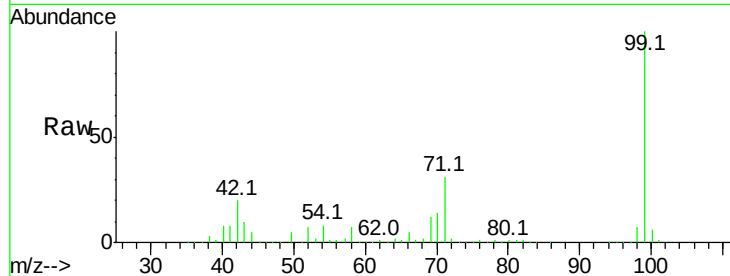
Tot Ion: 99 Resp: 477619

Ion Ratio Lower Upper

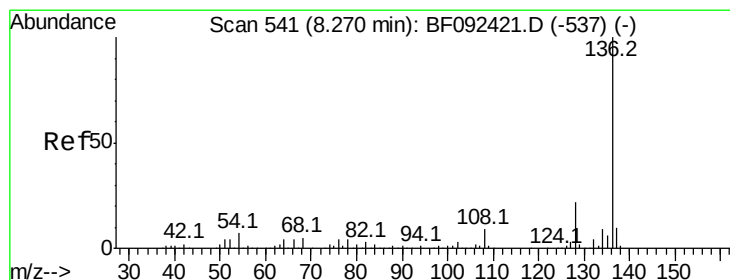
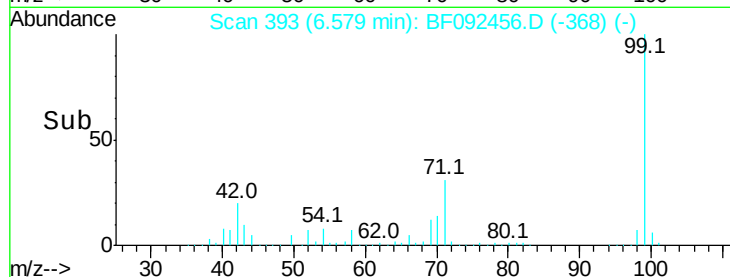
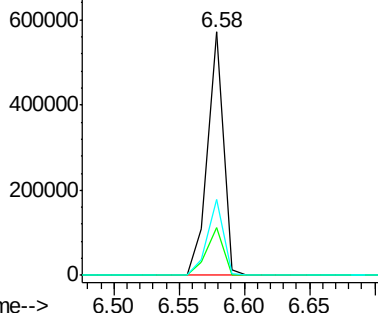
99 100

42 19.8 15.6 23.4

71 31.1 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

Tgt Ion: 136 Resp: 597863

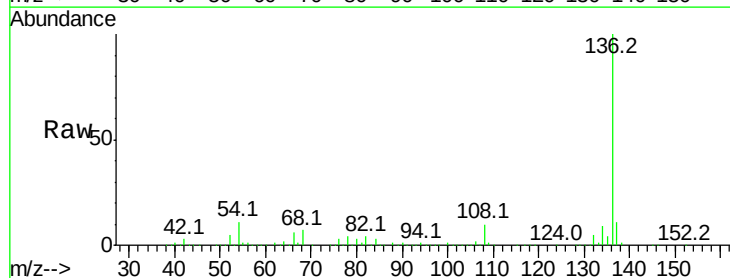
Ion Ratio Lower Upper

136 100

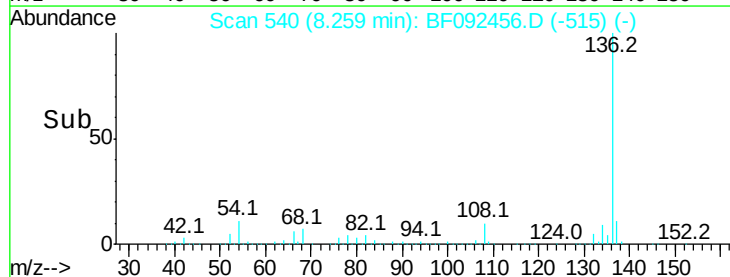
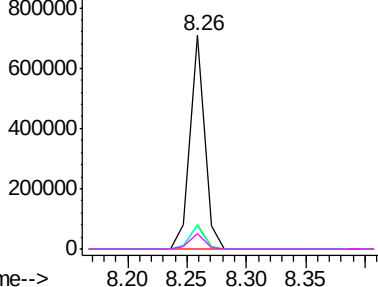
137 11.3 8.4 12.6

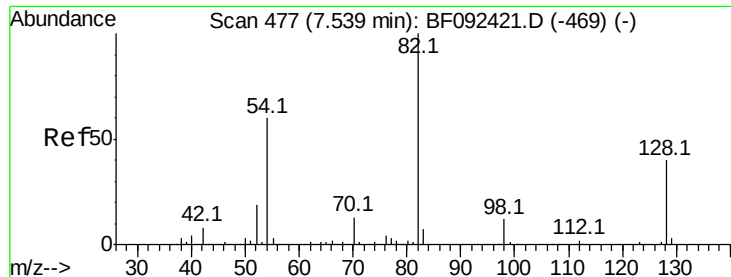
54 10.7 4.5 6.7#

68 7.5 3.6 5.4#



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

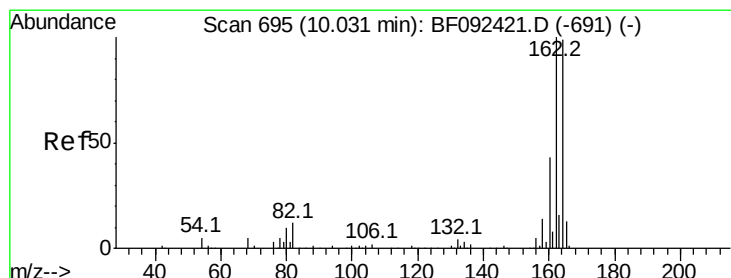
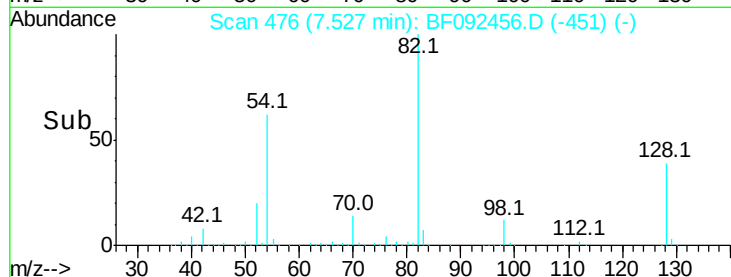
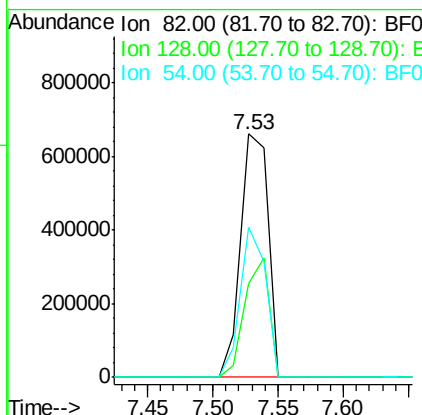
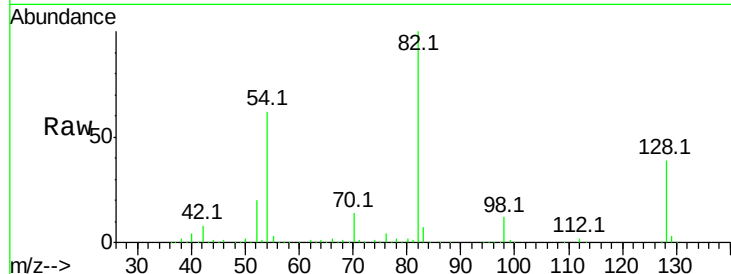




#23
 Nitrobenzene-d5
 Concen: 88.28 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092456.D
 Acq: 25 Jan 2017 3:47

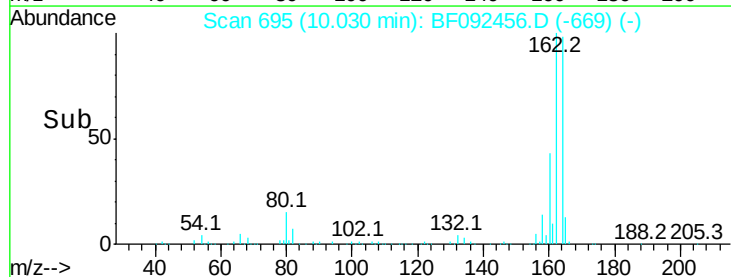
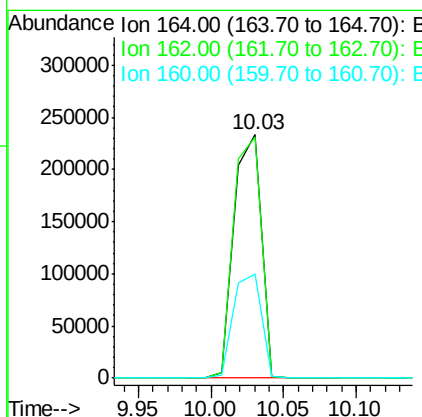
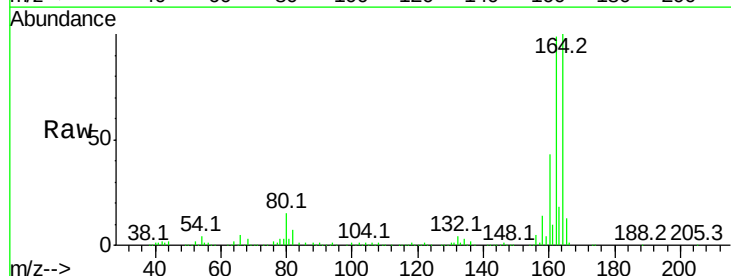
Instrument :
 BNA_F
 ClientSampled :
 W-03

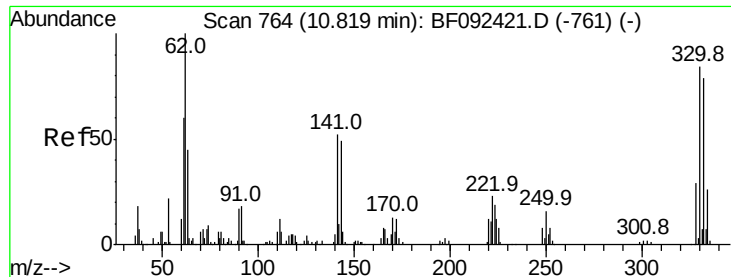
Tot Ion	82	Resp	966243
Ion Ratio	Lower	Upper	
82	100		
128	38.8	34.6	52.0
54	61.7	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092456.D
 Acq: 25 Jan 2017 3:47

Tgt Ion	164	Resp	305895
Ion Ratio	Lower	Upper	
164	100		
162	99.3	80.2	120.2
160	42.7	36.9	55.3

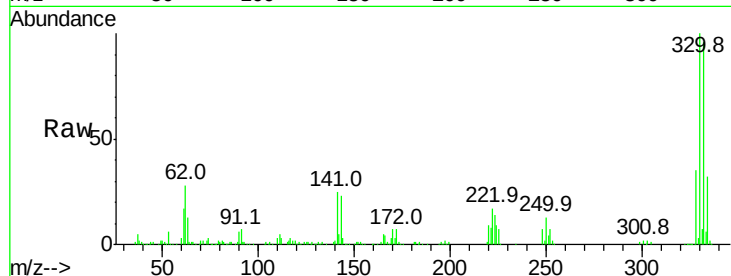




#41
 2,4,6-Tribromophenol
 Concen: 143.74 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092456.D
 Acq: 25 Jan 2017 3:47

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.8	34.1	51.1

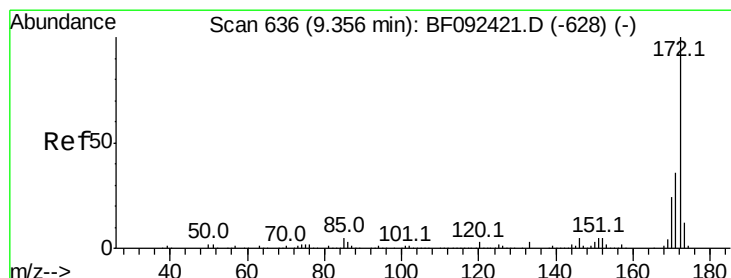
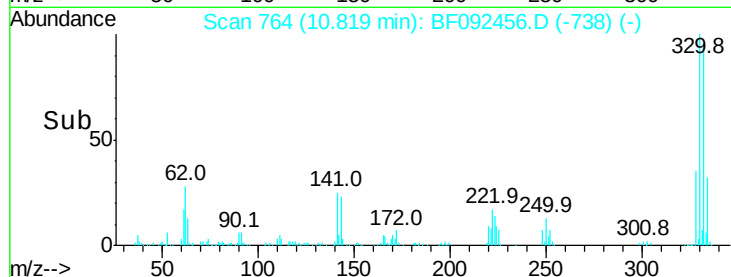
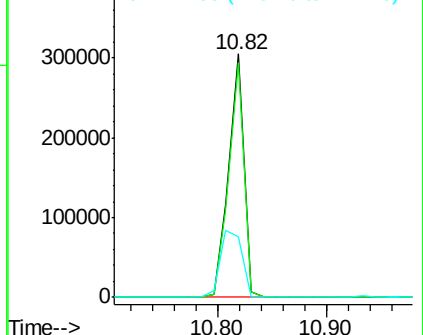


Abundance

Ion 329.80 (329.50 to 330.50): E

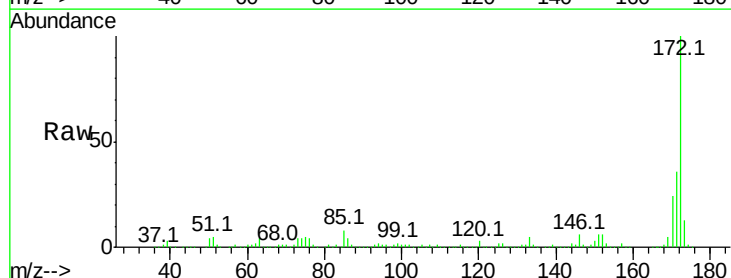
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.42 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092456.D
 Acq: 25 Jan 2017 3:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.1	20.2	30.4

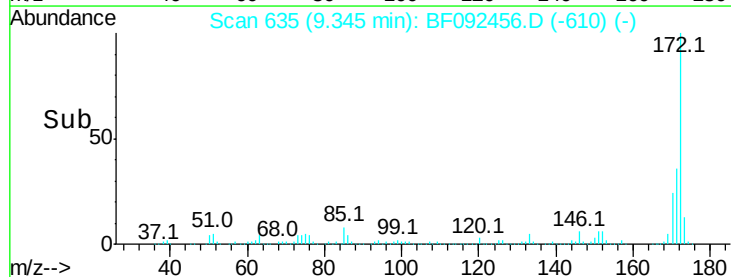
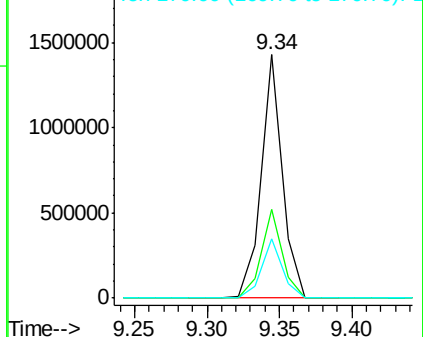


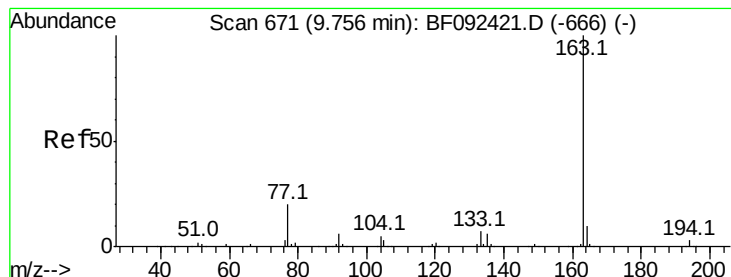
Abundance

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





#49

Dimethylphthalate

Concen: 4.31 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

Instrument :

BNA_F

ClientSampleId :

W-03

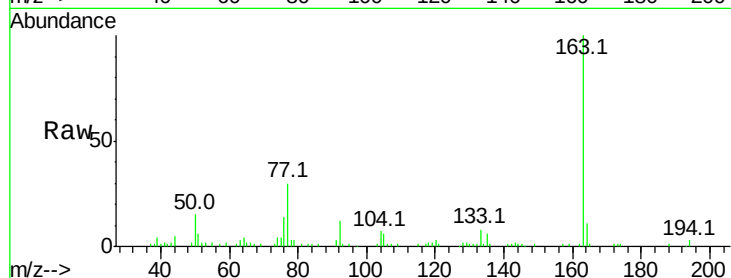
Tot Ion:163 Resp: 83767

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

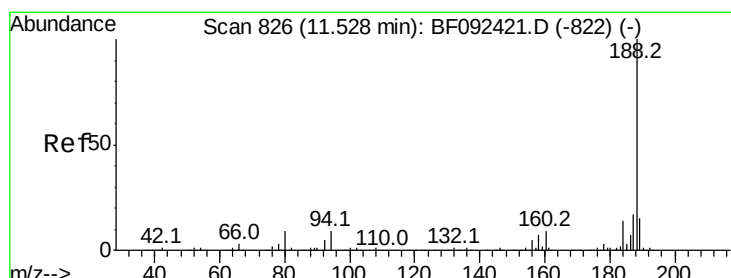
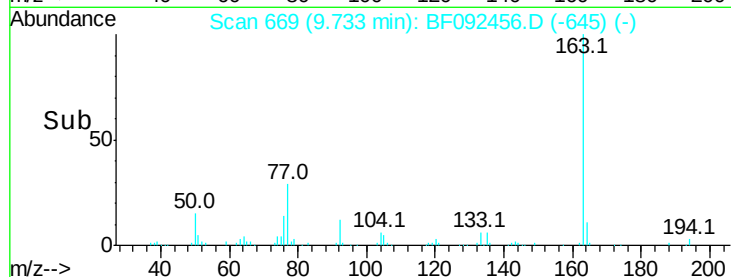
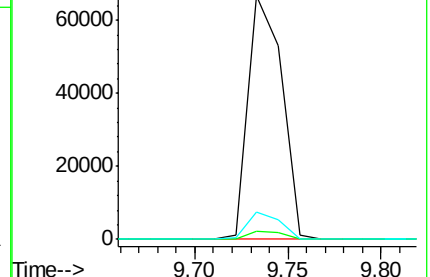
164 11.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

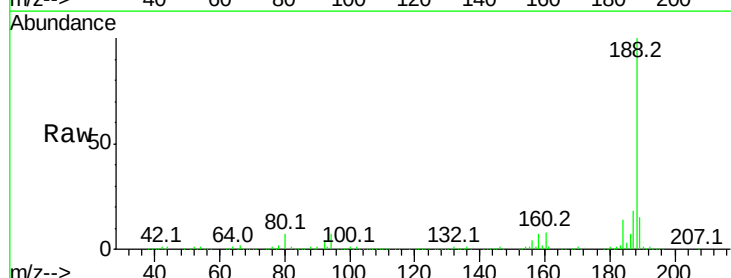
Tgt Ion:188 Resp: 458519

Ion Ratio Lower Upper

188 100

94 7.1 10.0 15.0#

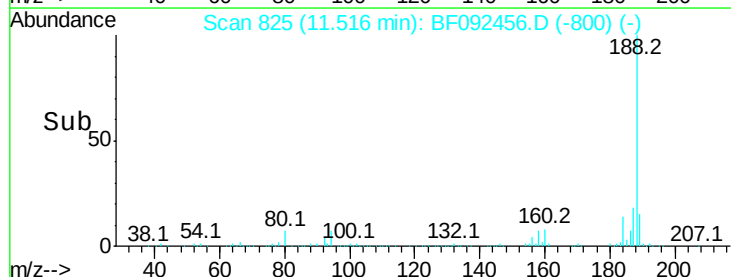
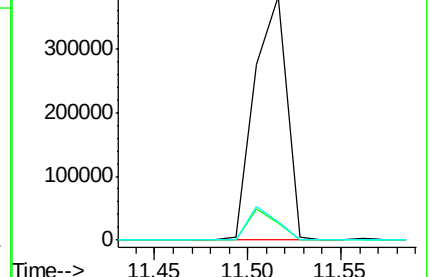
80 7.3 11.2 16.8#

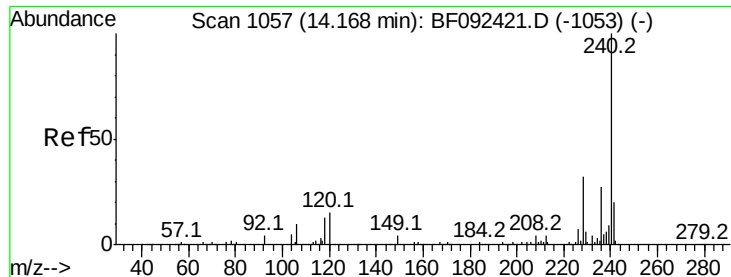


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

Instrument :

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ClientSampleId :

W-03

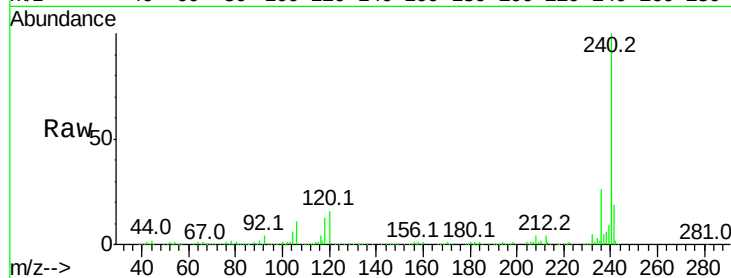
Tot Ion:240 Resp: 302105

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

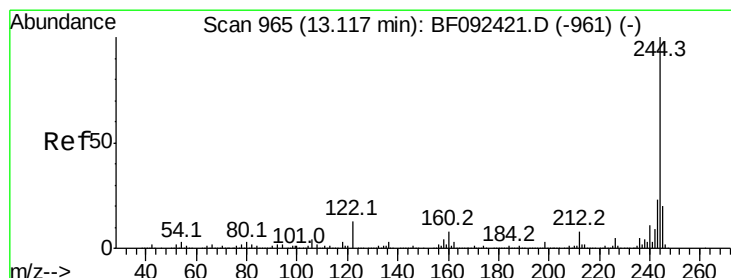
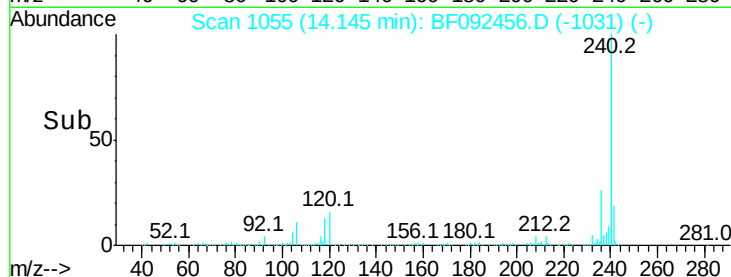
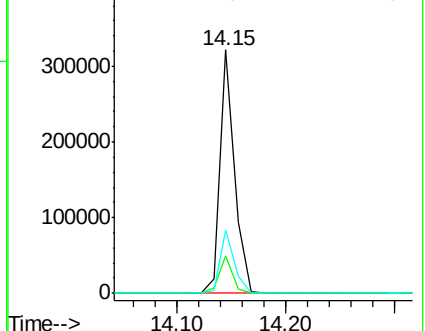
236 25.8 20.9 31.3



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: 110.81 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092456.D

Acq: 25 Jan 2017 3:47

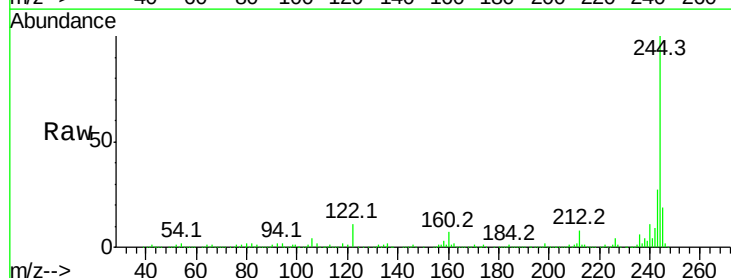
Tgt Ion:244 Resp: 1257138

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

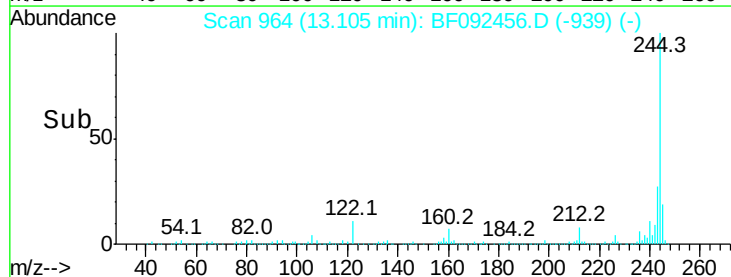
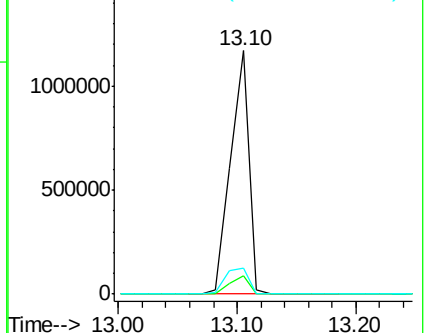
122 10.7 11.4 17.2#

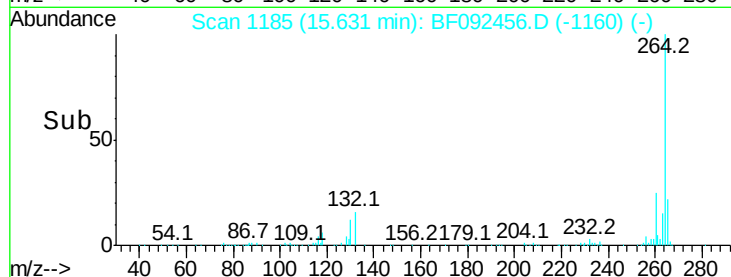
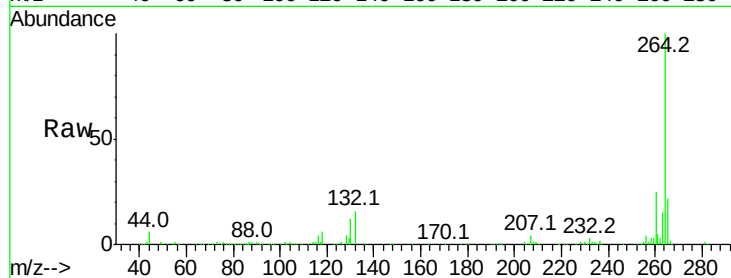
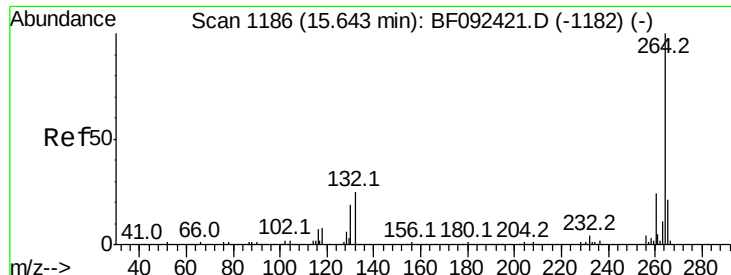


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092456.D
Acq: 25 Jan 2017 3:47

Instrument :
BNA_F
ClientSampleId :
W-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.4	26.0

