

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092536.D
 Acq On : 26 Jan 2017 20:31
 Operator : SJ/MA
 Sample : PB96342TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96342TB

Quant Time: Jan 27 01:22:17 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	156603	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619539	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	368837	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	610745	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	565624	20.00	ng	-0.01
86) Perylene-d12	15.64	264	489603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1195239	118.75	ng	0.02
7) Phenol-d6	6.60	99	1725780	134.60	ng	0.01
23) Nitrobenzene-d5	7.54	82	1097386	96.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	323953	128.89	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1674404	83.95	ng	-0.01
78) Terphenyl-d14	13.11	244	1672064	78.72	ng	-0.01

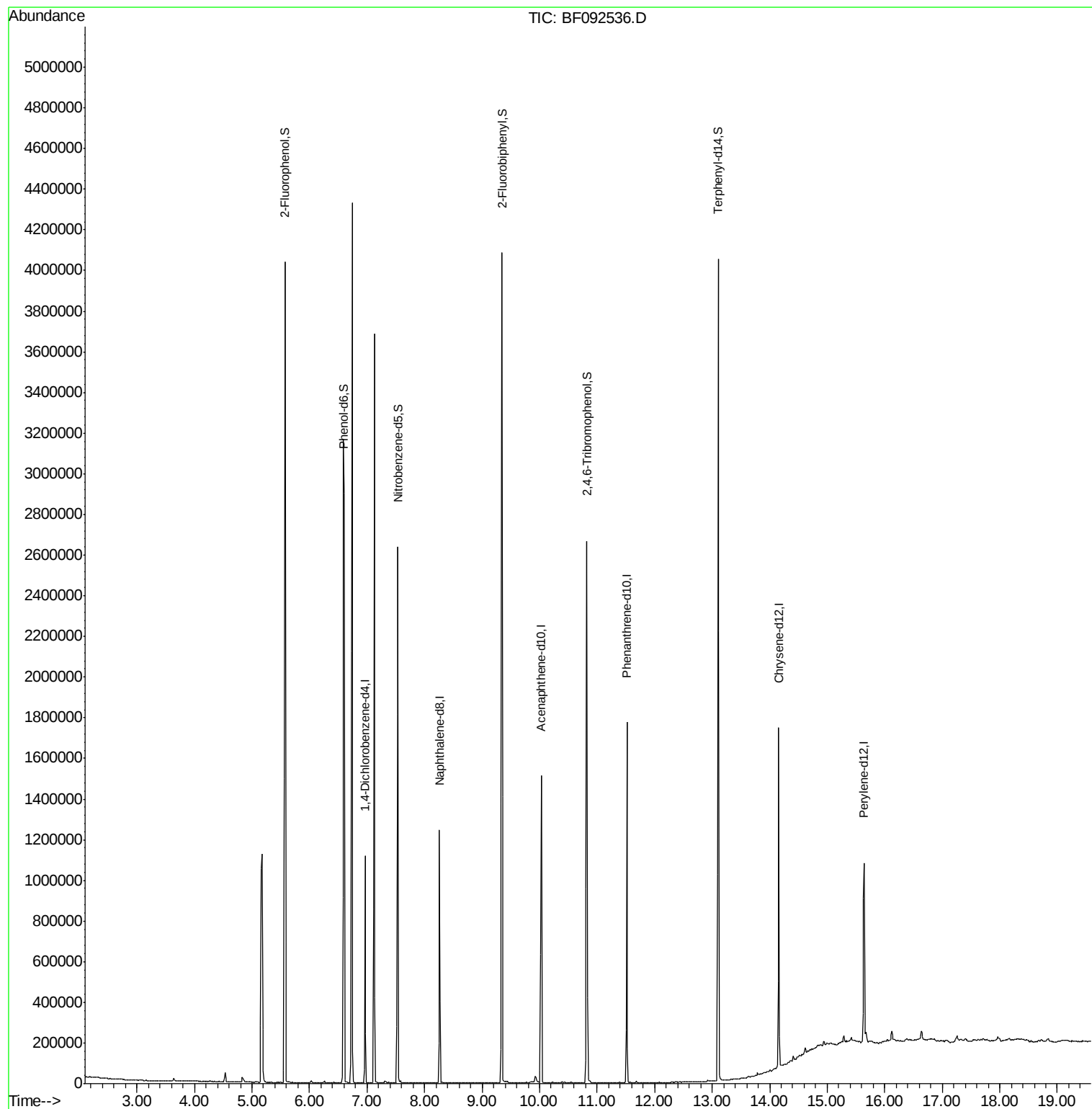
Target Compounds Qvalue

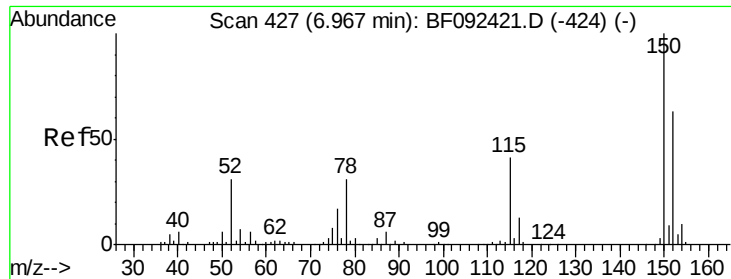
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB96342TB

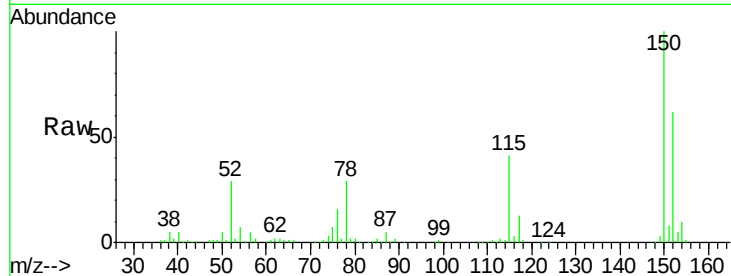
Tot Ion:152 Resp: 156603

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

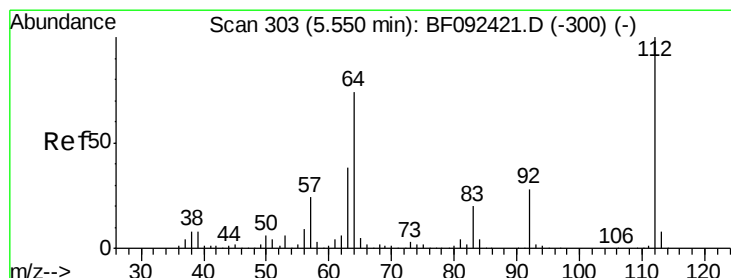
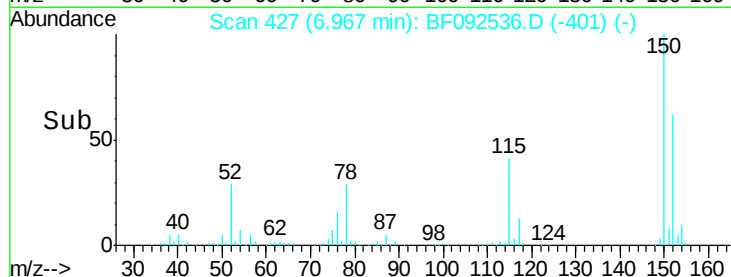
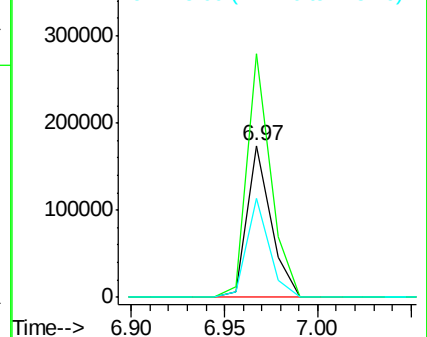
115 65.1 46.0 69.0



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: 118.75 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

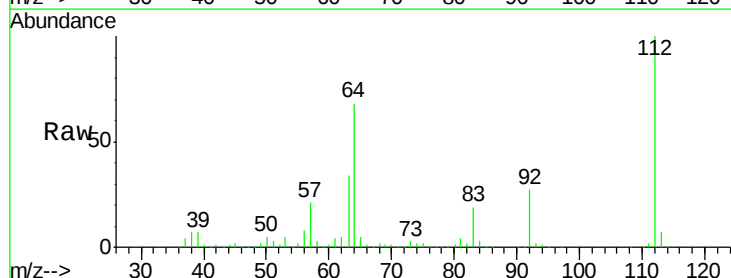
Tgt Ion:112 Resp: 1195239

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

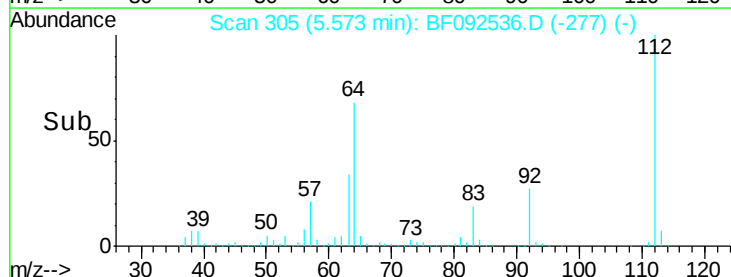
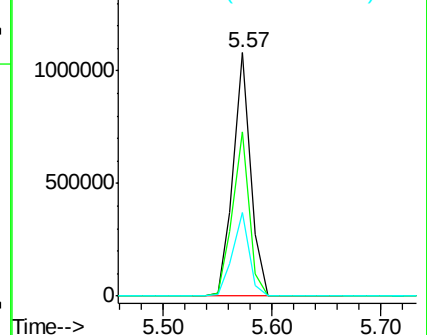
63 34.4 23.8 35.6

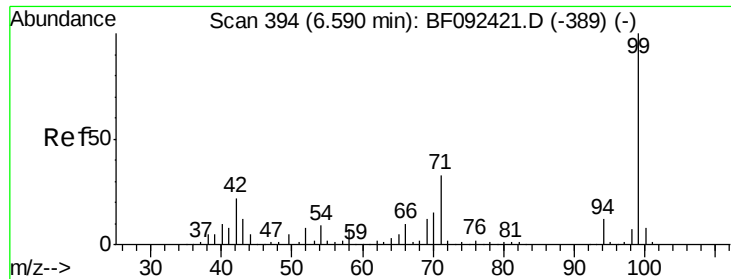


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.60 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Instrument :

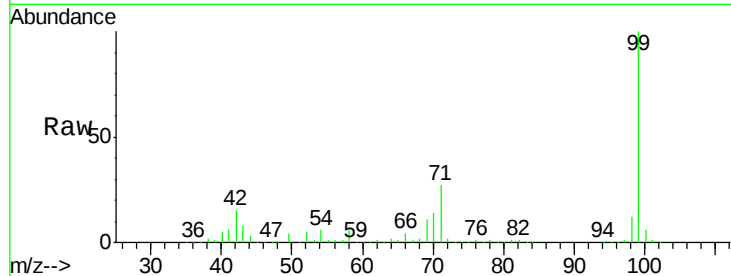
BNA_F

ClientSampleId :

PB96342TB

Tot Ion: 99 Resp: 1725780

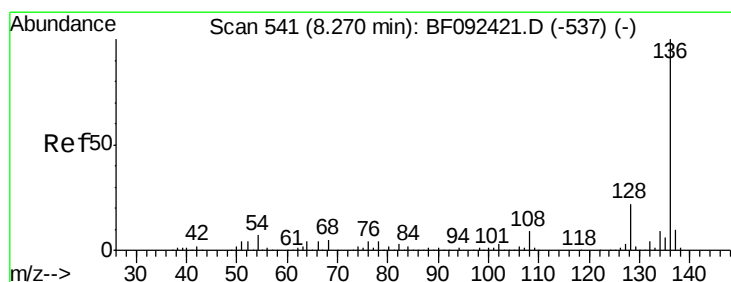
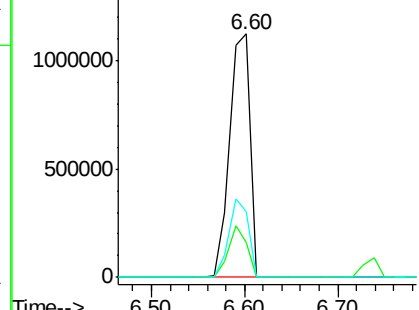
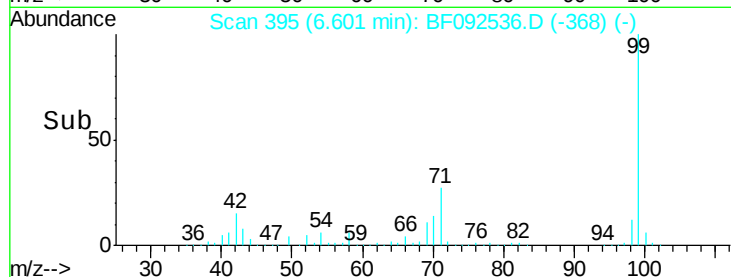
Ion	Ratio	Lower	Upper
99	100		
42	14.6	15.6	23.4#
71	27.1	27.5	41.3#



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

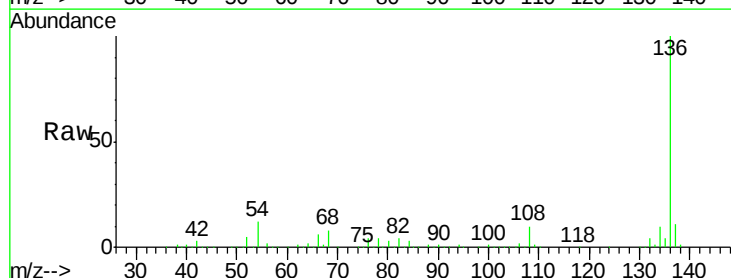
Delta R.T. -0.01 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Tgt Ion: 136 Resp: 619539

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.5	4.5	6.7#
68	7.9	3.6	5.4#

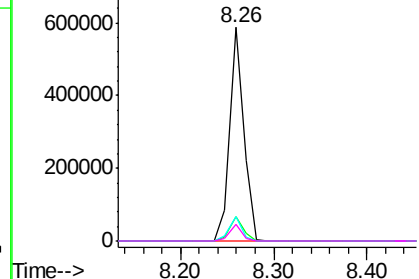
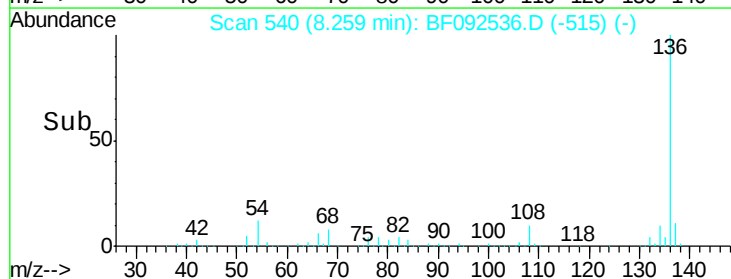


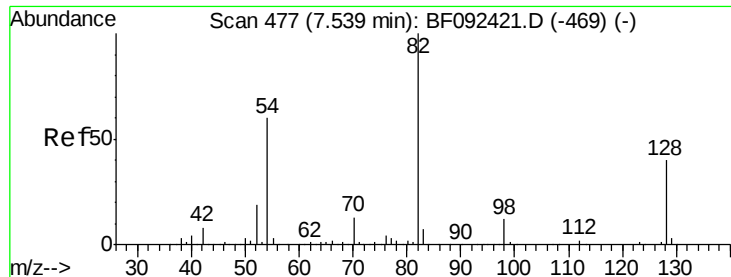
Abundance Ion 136.00 (135.70 to 136.70): E

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

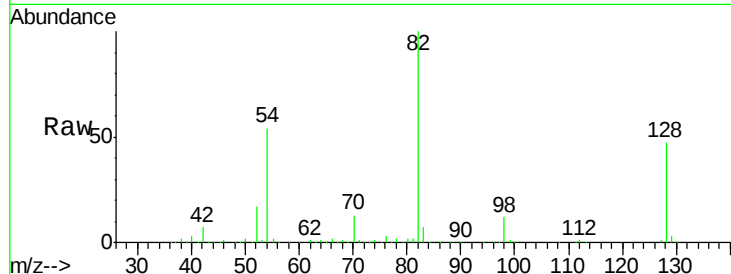




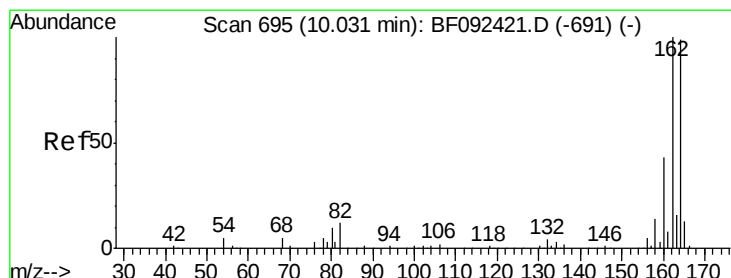
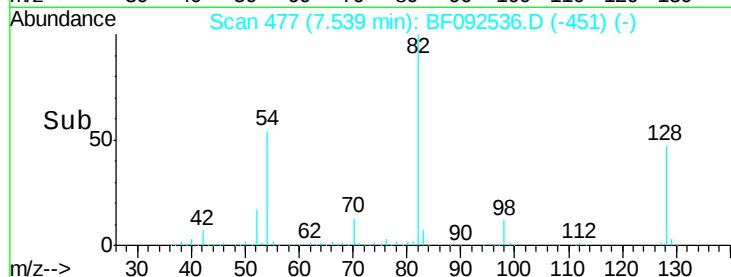
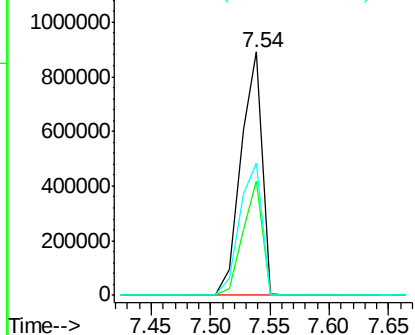
#23
Nitrobenzene-d5
Concen: 96.76 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
PB96342TB

Tot Ion: 82 Resp: 1097386
Ion Ratio Lower Upper
82 100
128 46.8 34.6 52.0
54 54.5 39.5 59.3

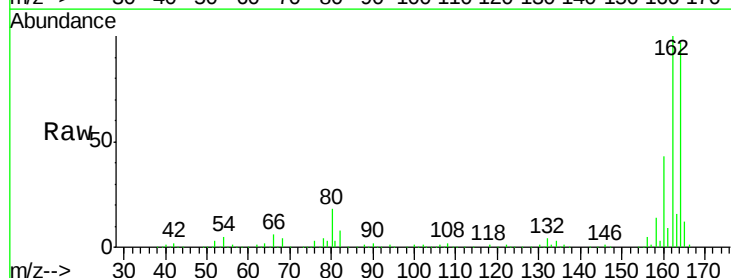


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

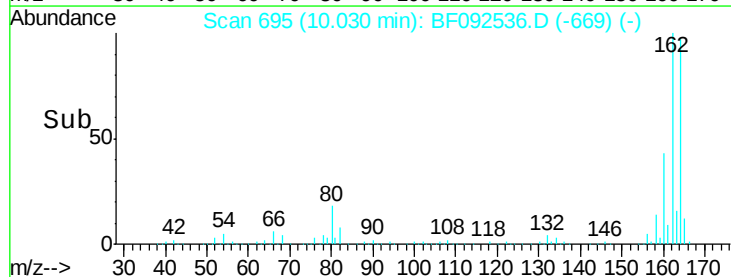
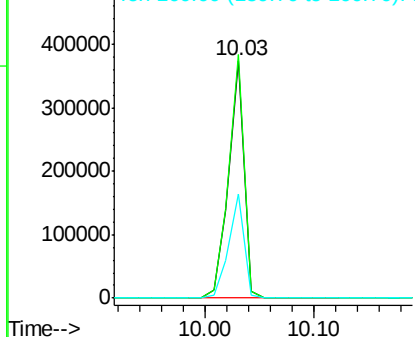


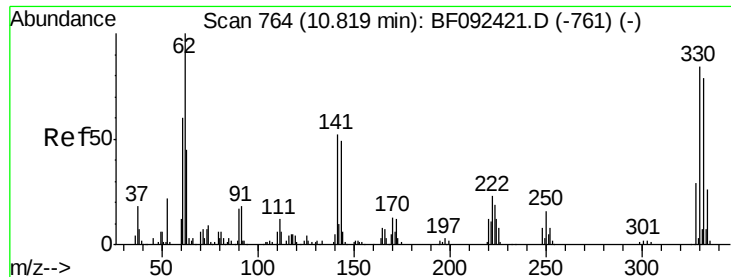
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Tgt Ion: 164 Resp: 368837
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 43.8 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: 128.89 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

PB96342TB

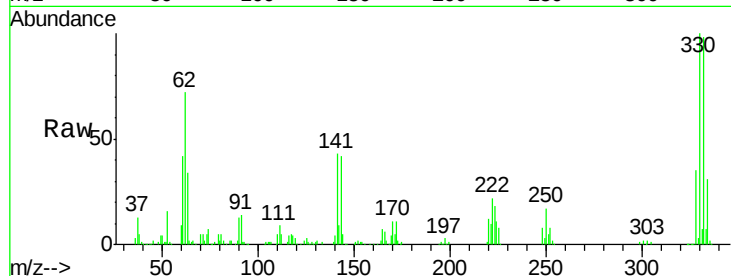
Tot Ion:330 Resp: 323953

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

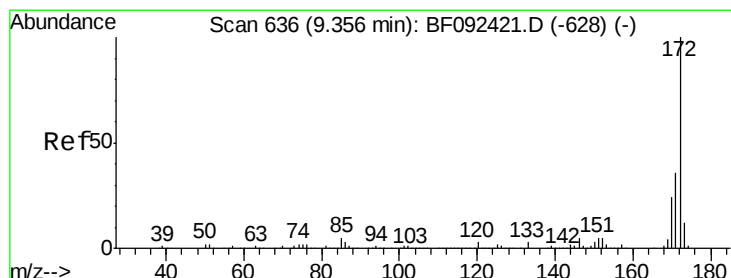
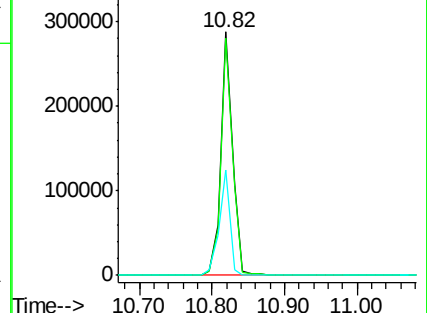
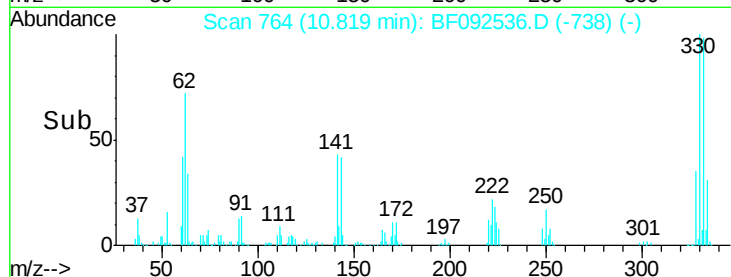
141 39.7 34.1 51.1



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: 83.95 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092536.D

Acq: 26 Jan 2017 20:31

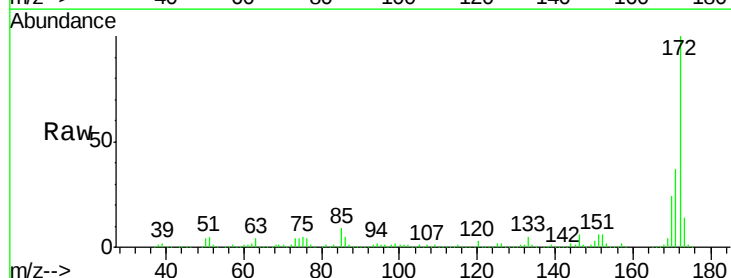
Tgt Ion:172 Resp: 1674404

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

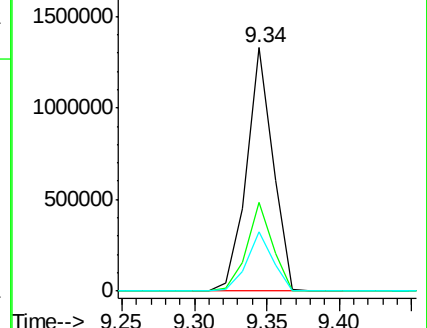
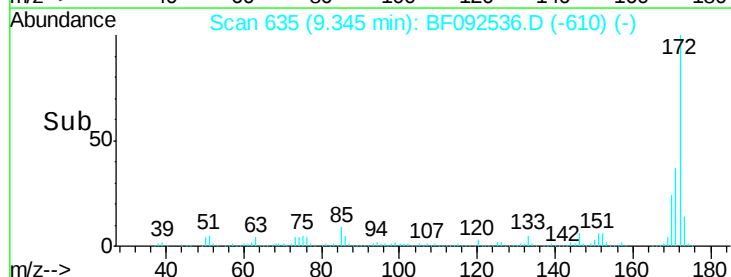
170 24.3 20.2 30.4

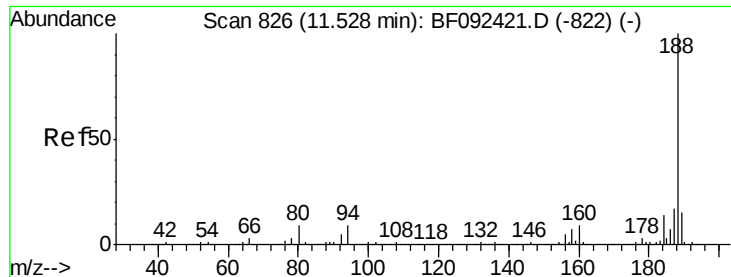


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

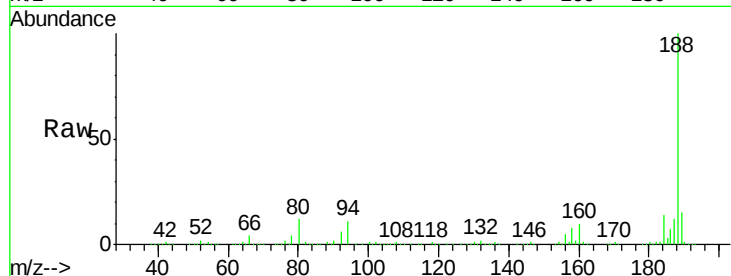




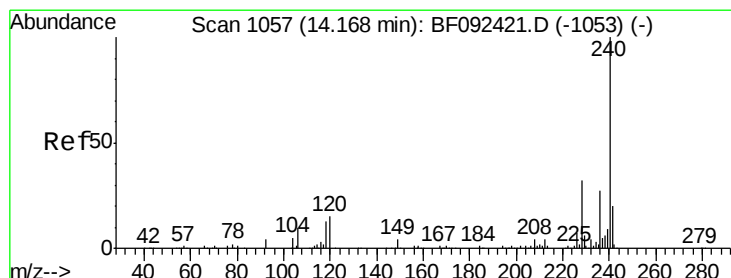
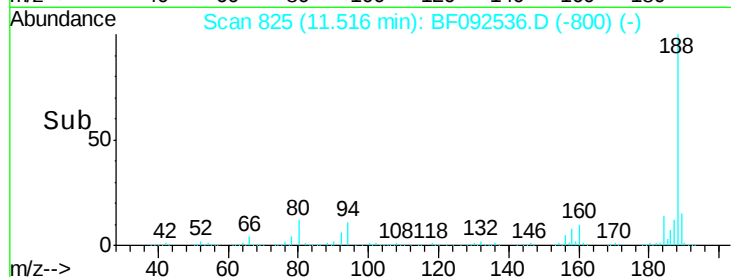
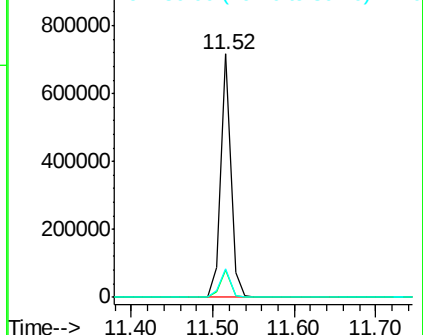
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
PB96342TB

Tot Ion:188 Resp: 610745
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.7 11.2 16.8

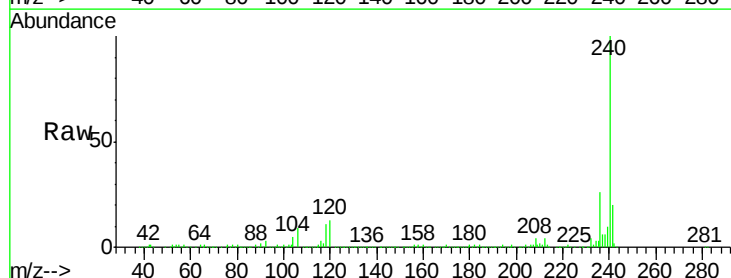


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

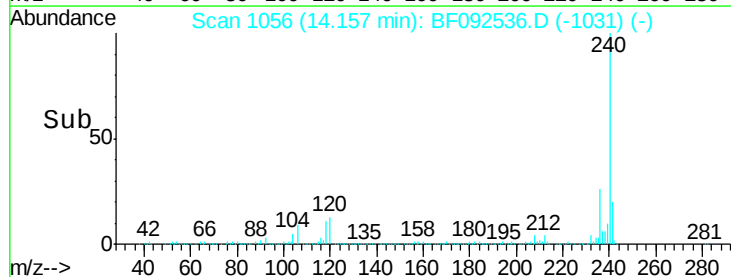
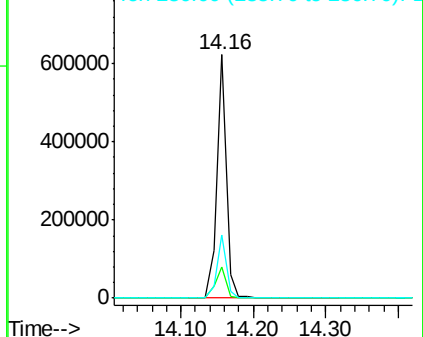


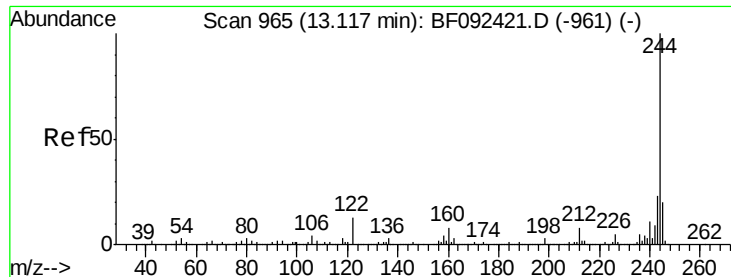
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092536.D
Acq: 26 Jan 2017 20:31

Tgt Ion:240 Resp: 565624
Ion Ratio Lower Upper
240 100
120 12.7 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



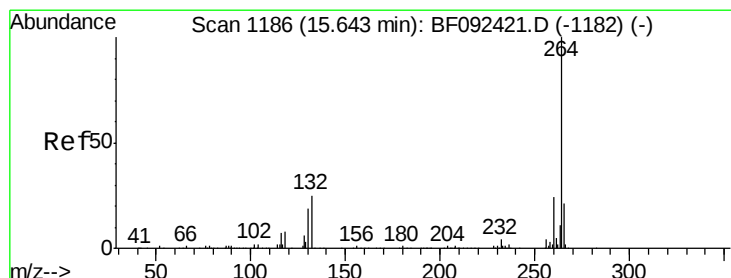
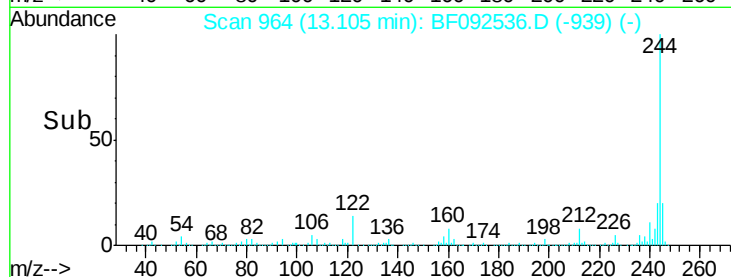
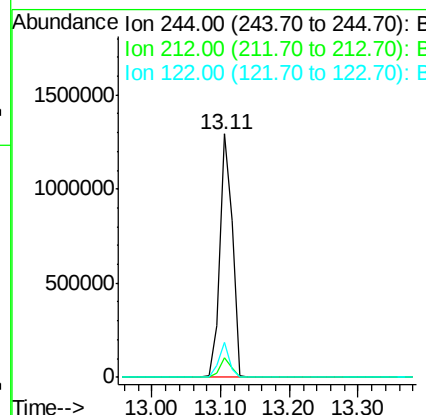
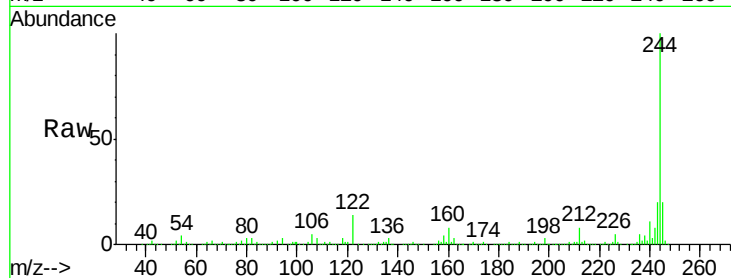


#78
 Terphenyl-d14
 Concen: 78.72 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Instrument :
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Tot Ion:244 Resp: 1672064

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.2	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF092536.D
 Acq: 26 Jan 2017 20:31

Tgt Ion:264 Resp: 489603

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0

