

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092542.D
 Acq On : 26 Jan 2017 23:15
 Operator : SJ/MA
 Sample : I1451-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-28

Quant Time: Jan 27 02:10:29 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	158899	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	620607	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	378416	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	635712	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	512661	20.00	ng	-0.01
86) Perylene-d12	15.63	264	359658	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	678462	66.43	ng	0.01
7) Phenol-d6	6.58	99	516332	39.69	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1159955	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	353374	137.03	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1711493	83.63	ng	-0.01
78) Terphenyl-d14	13.11	244	1516669	78.78	ng	-0.01

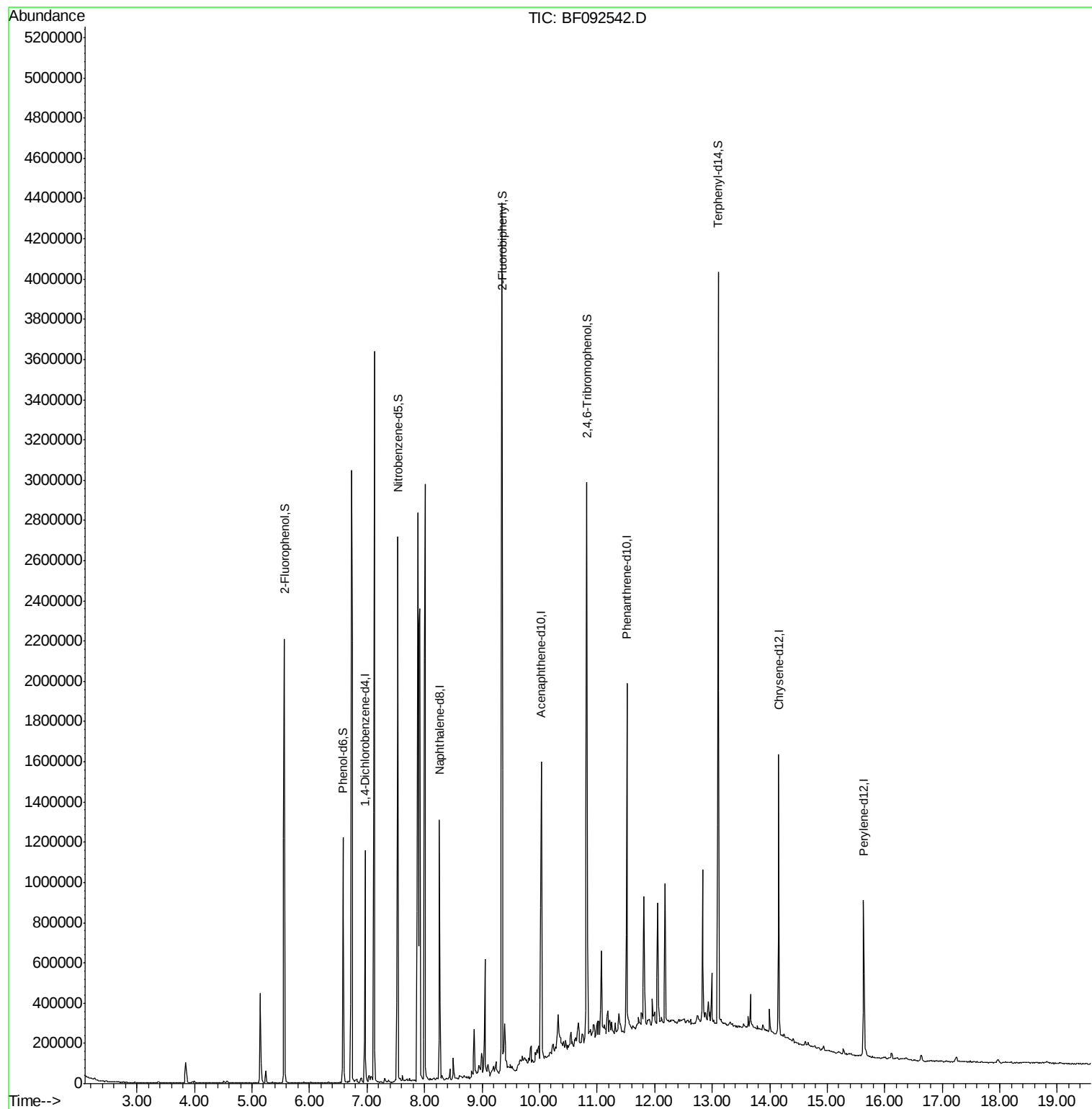
Target Compounds Qvalue

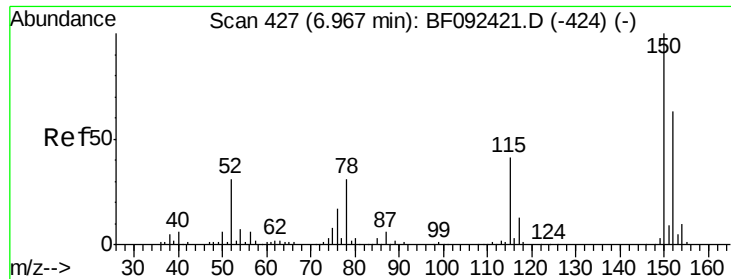
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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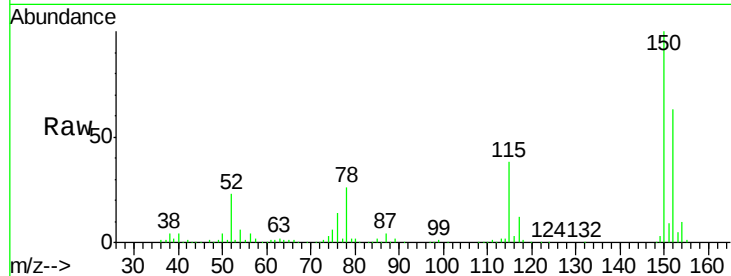


#1

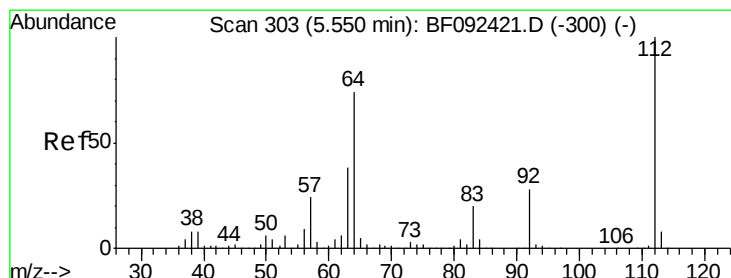
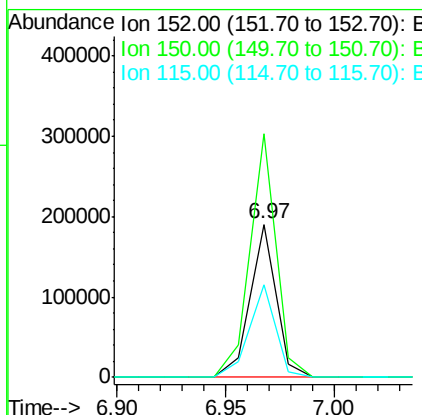
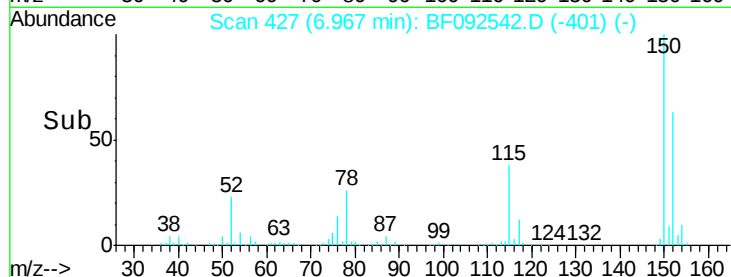
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092542.D
Acq: 26 Jan 2017 23:15

Instrument :
BNA_F
ClientSampleId :
W-28

Tot Ion:152 Resp: 158899
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 60.8 46.0 69.0



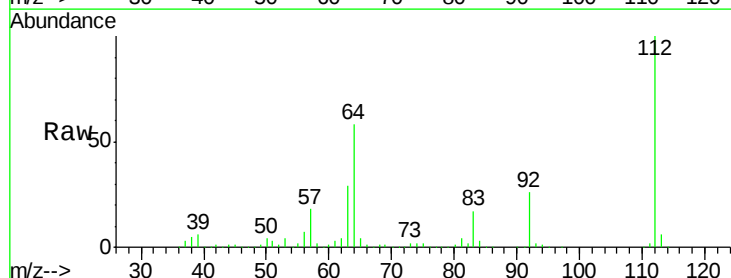
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



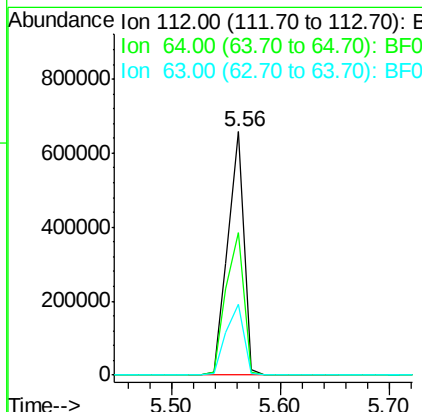
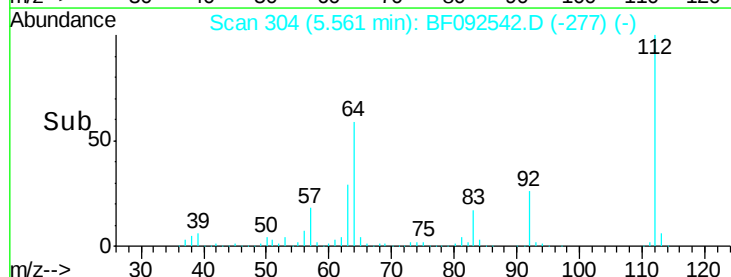
#5

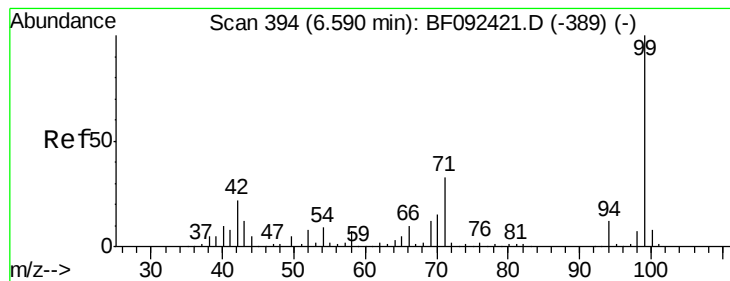
2-Fluorophenol
Concen: 66.43 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092542.D
Acq: 26 Jan 2017 23:15

Tgt Ion:112 Resp: 678462
Ion Ratio Lower Upper
112 100
64 58.5 46.1 69.1
63 29.0 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: 39.69 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

Instrument :

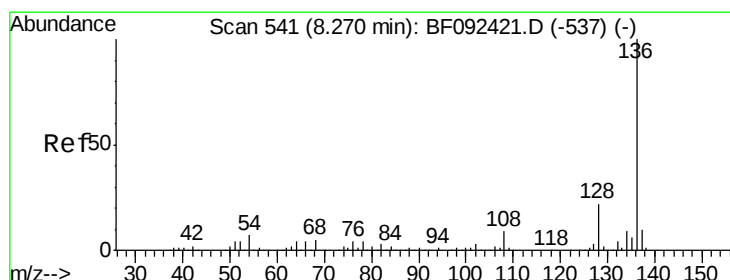
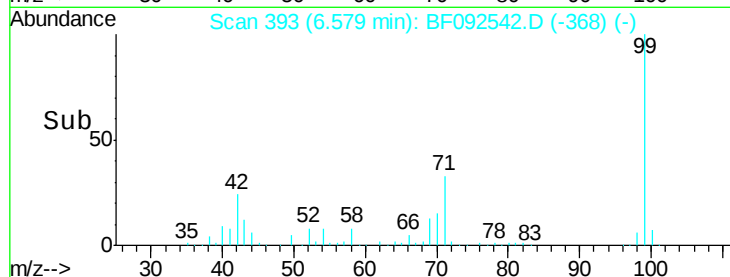
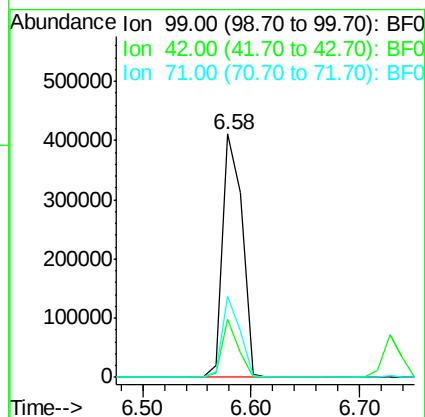
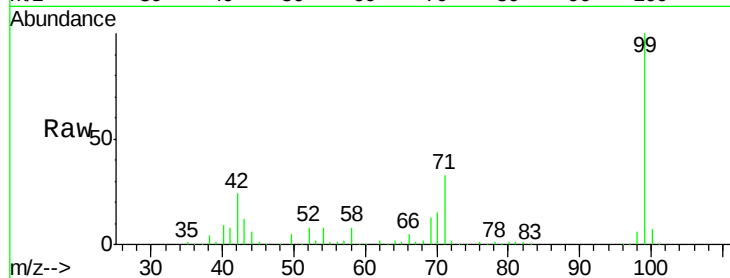
BNA_F

ClientSampled :

W-28

Tot Ion: 99 Resp: 516332

Ion	Ratio	Lower	Upper
99	100		
42	23.7	15.6	23.4#
71	33.1	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

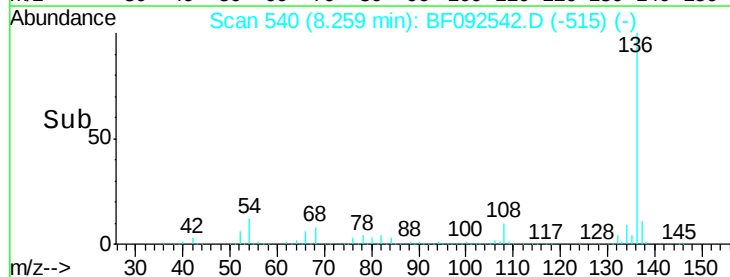
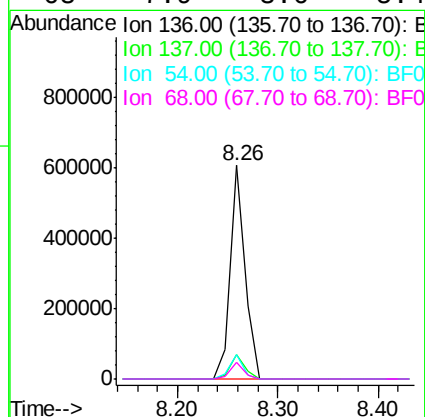
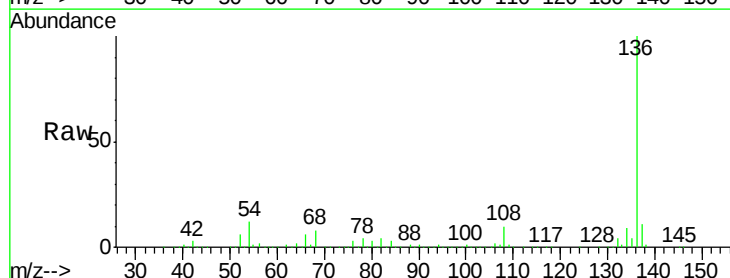
Delta R.T. -0.01 min

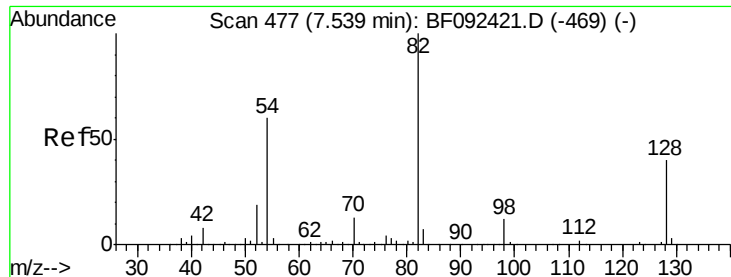
Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

Tgt Ion: 136 Resp: 620607

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.6	4.5	6.7#
68	7.9	3.6	5.4#

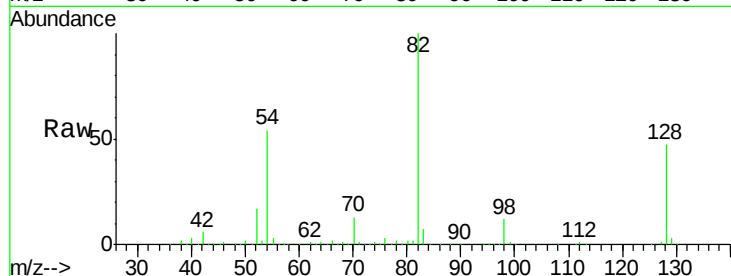




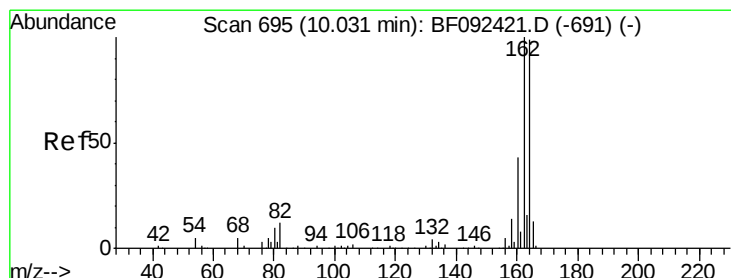
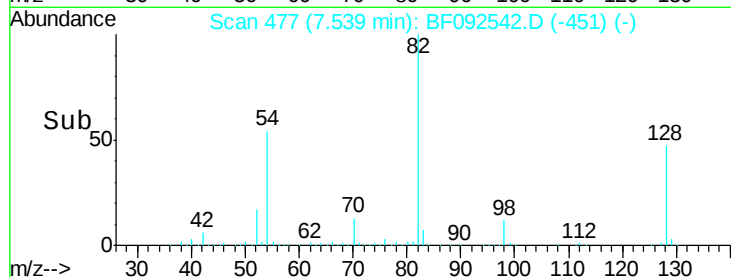
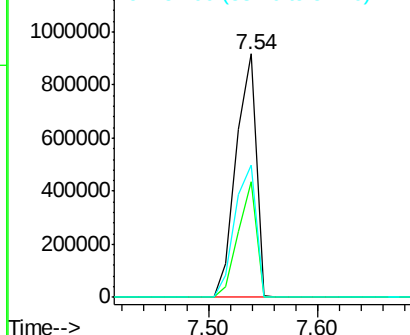
#23
 Nitrobenzene-d5
 Concen: 102.10 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092542.D
 Acq: 26 Jan 2017 23:15

Instrument :
 BNA_F
 ClientSampleID :
 W-28

Tot Ion: 82 Resp: 1159955
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 52.0
 54 54.2 39.5 59.3

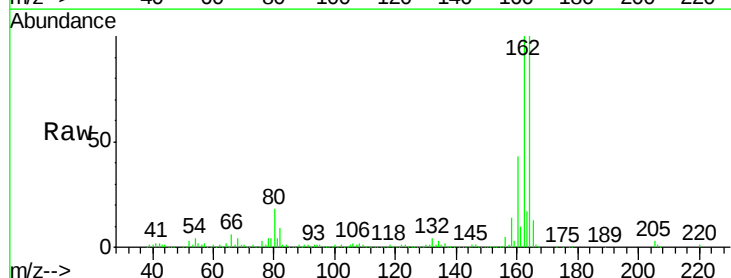


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

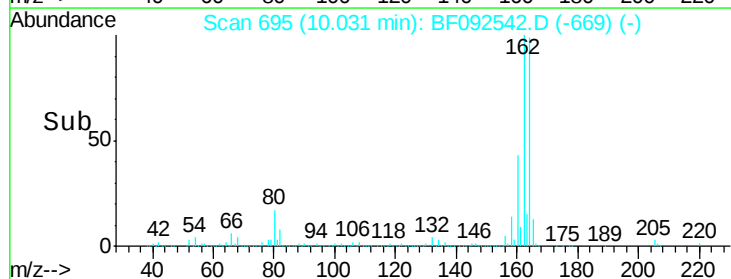
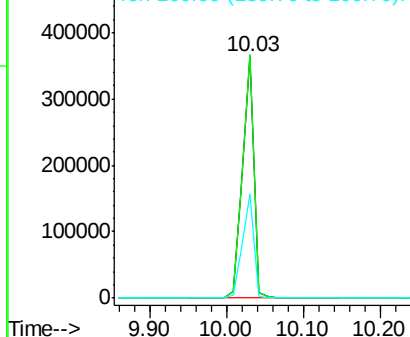


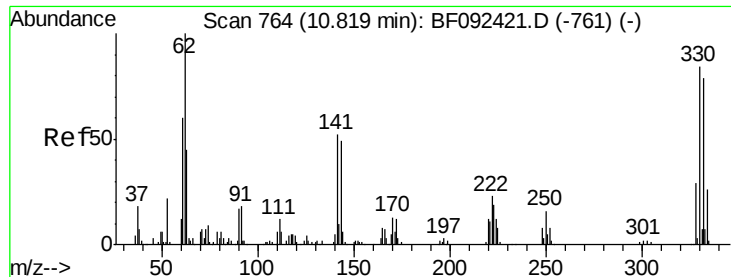
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092542.D
 Acq: 26 Jan 2017 23:15

Tgt Ion:164 Resp: 378416
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 43.0 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: 137.03 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

Instrument :

BNA_F

ClientSampleId :

W-28

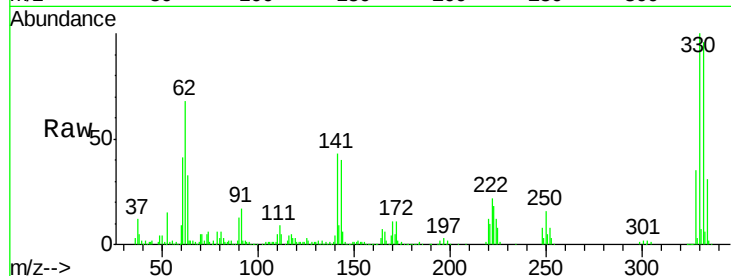
Tot Ion:330 Resp: 353374

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

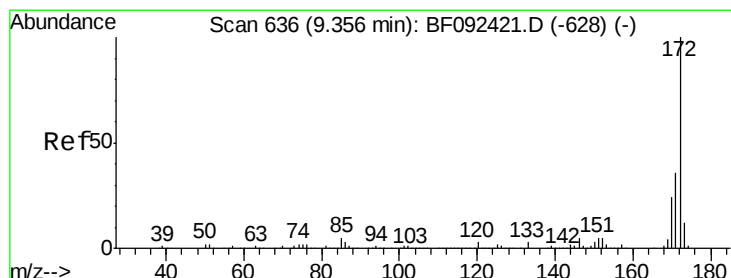
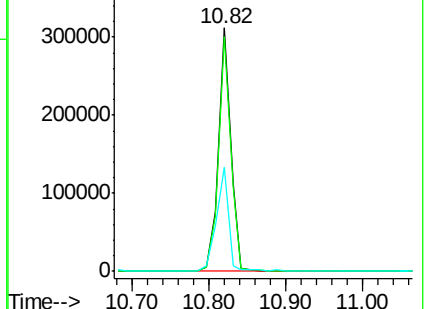
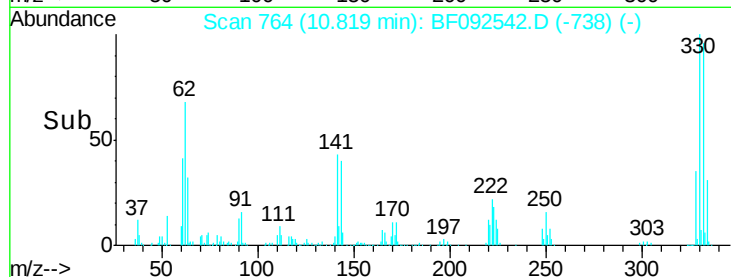
141 40.5 34.1 51.1



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: 83.63 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

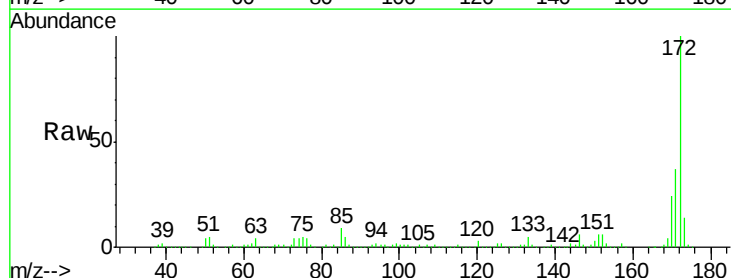
Tgt Ion:172 Resp: 1711493

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

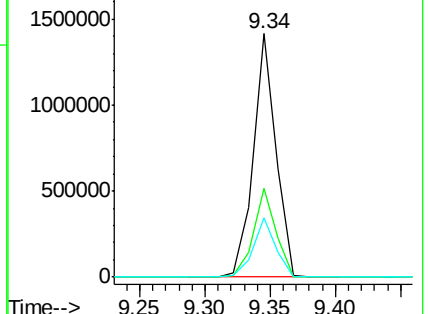
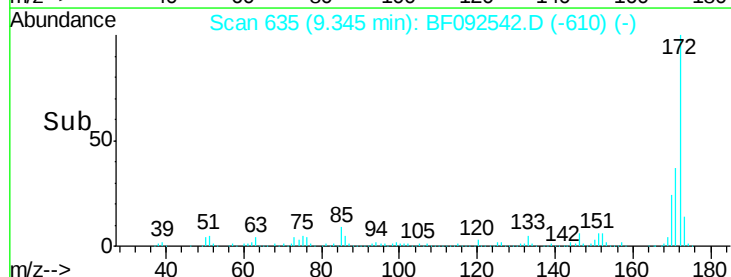
170 24.4 20.2 30.4

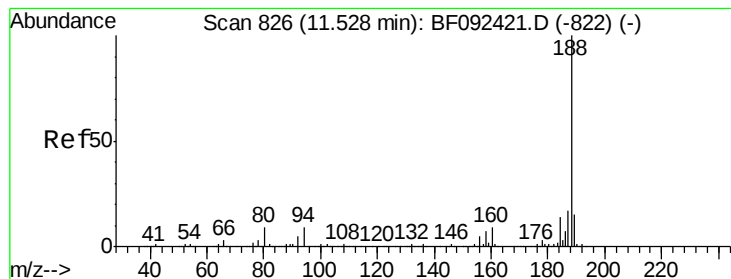


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF092542.D

Acq: 26 Jan 2017 23:15

Instrument :

BNA_F

ClientSampleId :

W-28

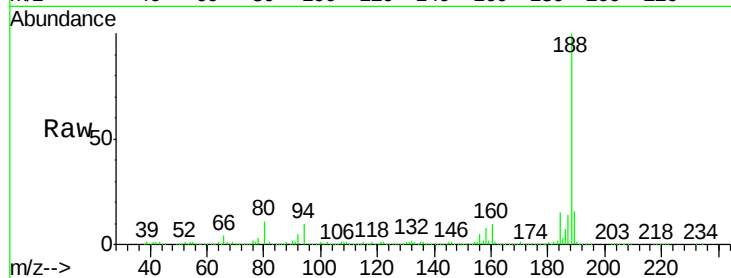
Tot Ion:188 Resp: 635712

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

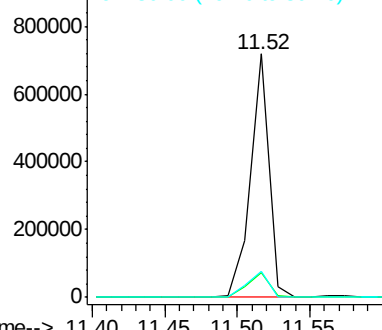
80 10.7 11.2 16.8#



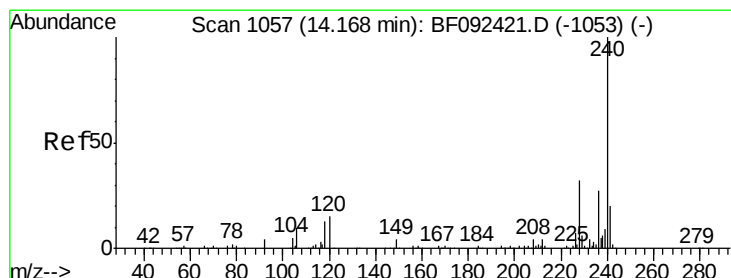
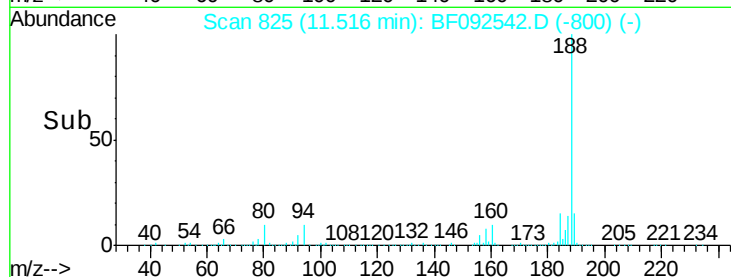
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.40 11.45 11.50 11.55



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

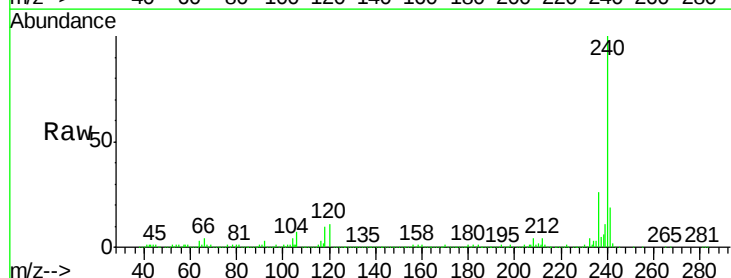
Tgt Ion:240 Resp: 512661

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

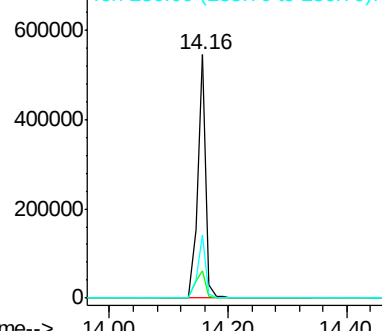
236 26.0 20.9 31.3



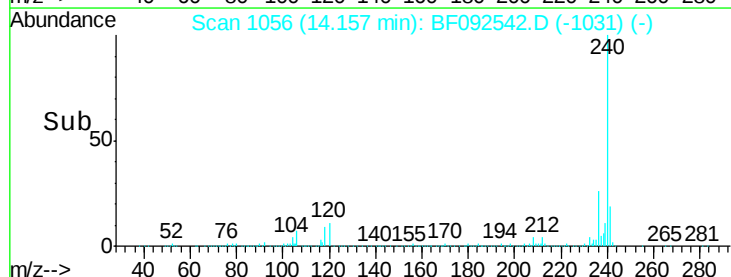
Abundance Ion 240.00 (239.70 to 240.70): E

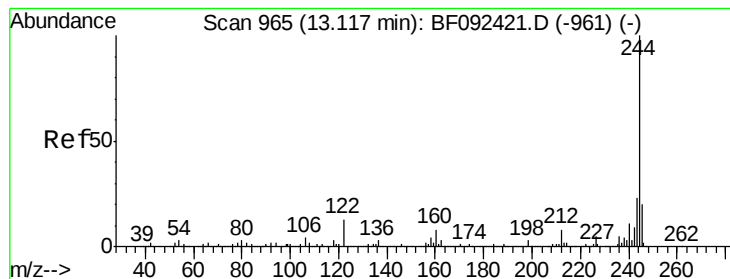
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.20 14.40





#78

Terphenyl-d14

Concen: 78.78 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

Instrument :

BNA_F

ClientSampleId :

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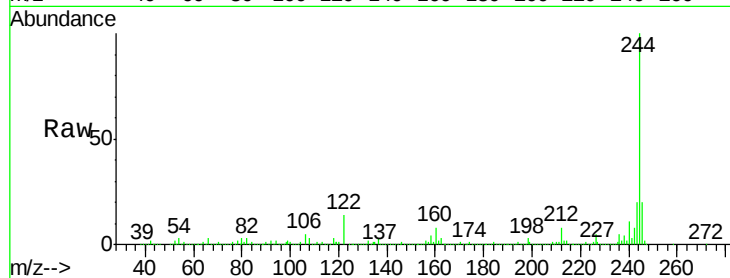
Tot Ion:244 Resp: 1516669

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

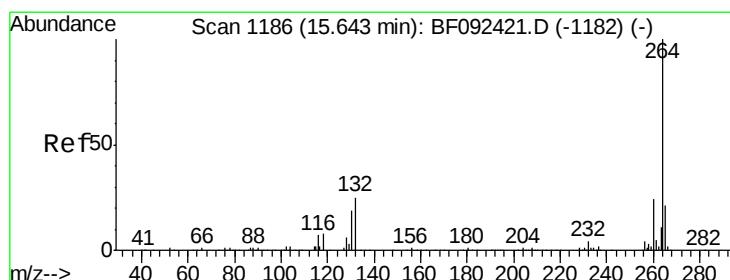
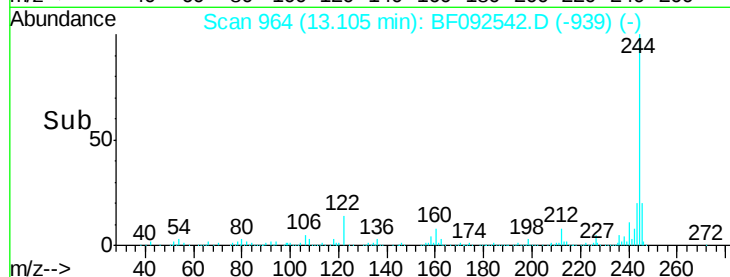
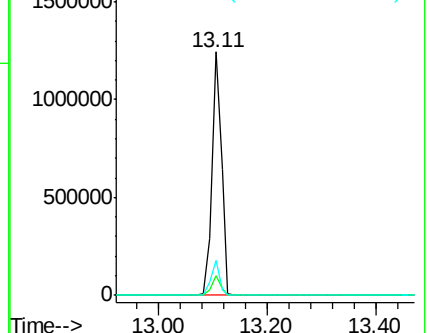
122 14.2 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092542.D

Acq: 26 Jan 2017 23:15

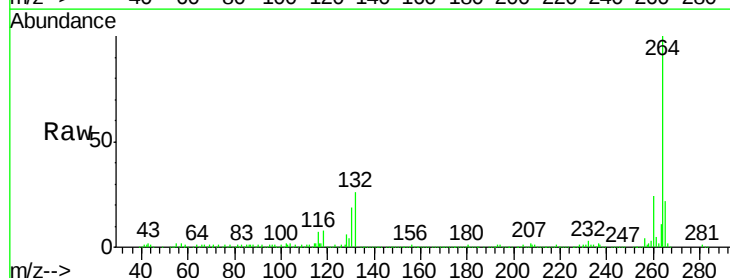
Tgt Ion:264 Resp: 359658

Ion Ratio Lower Upper

264 100

260 24.3 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

