

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082966.D
 Acq On : 17 Nov 2015 10:23
 Operator : UM/IZ
 Sample : G4370-03RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01RE

Quant Time: Nov 17 12:06:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

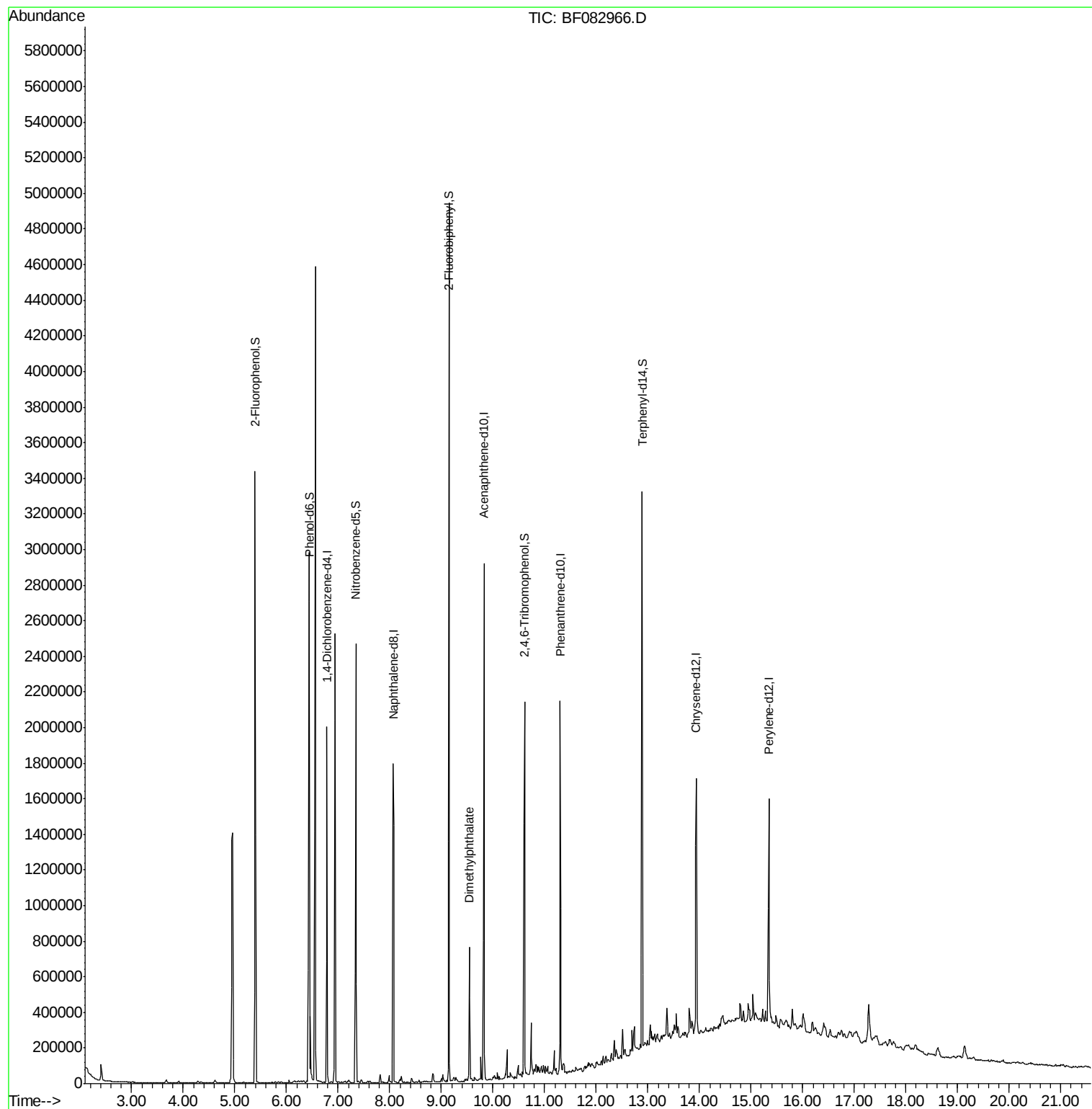
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	303860	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	1094902	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	569141	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	871718	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	656320	20.00	ng	-0.08
86) Perylene-d12	15.35	264	594285	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1035213	53.01	ng	-0.06
7) Phenol-d6	6.44	99	1580431	60.87	ng	-0.05
23) Nitrobenzene-d5	7.34	82	892620	35.47	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	308569	47.28	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1426697	35.93	ng	-0.07
78) Terphenyl-d14	12.89	244	893977	32.31	ng	-0.08
Target Compounds						
49) Dimethylphthalate	9.54	163	380665	8.16	ng	Qvalue 99

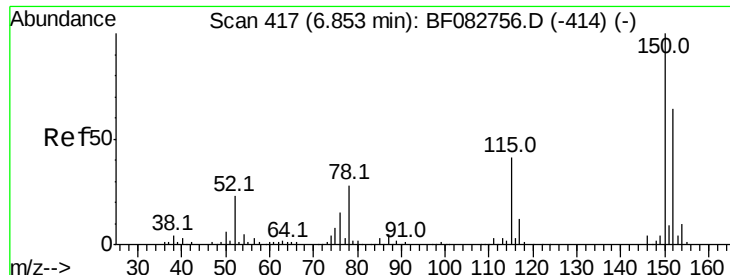
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

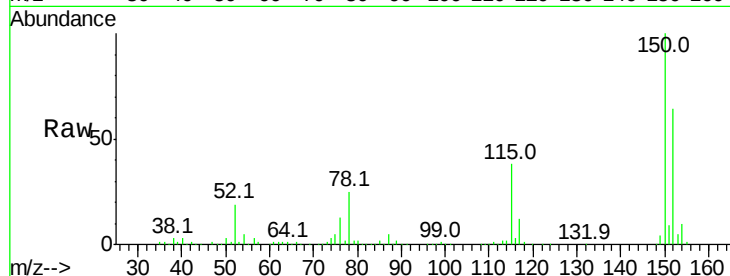
Tot Ion:152 Resp: 303860

Ion Ratio Lower Upper

152 100

150 156.5 127.0 190.4

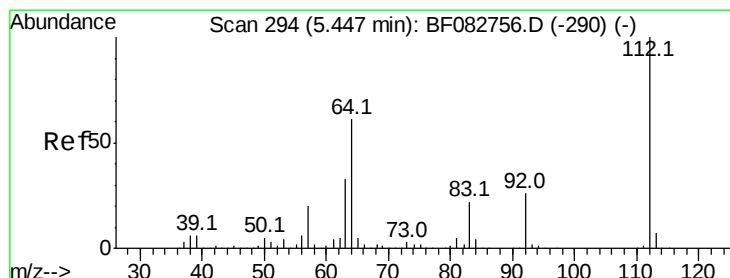
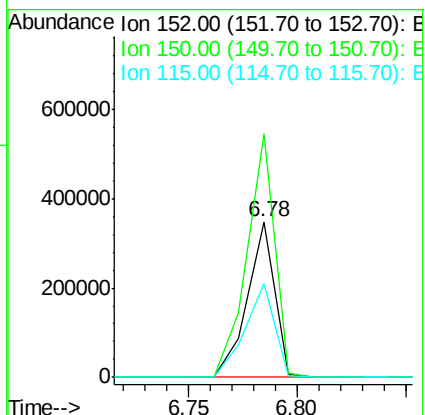
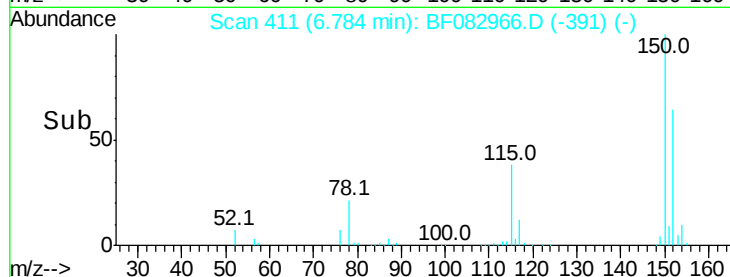
115 60.0 47.0 70.6



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: 53.01 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

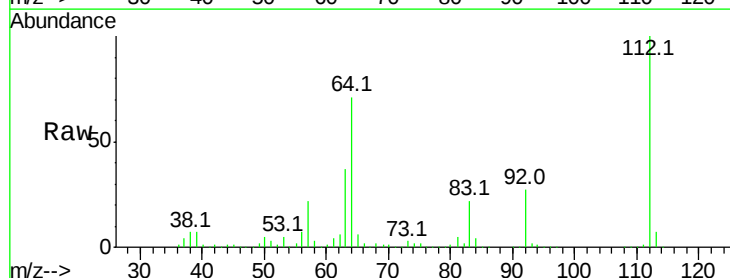
Tgt Ion:112 Resp: 1035213

Ion Ratio Lower Upper

112 100

64 70.6 48.9 73.3

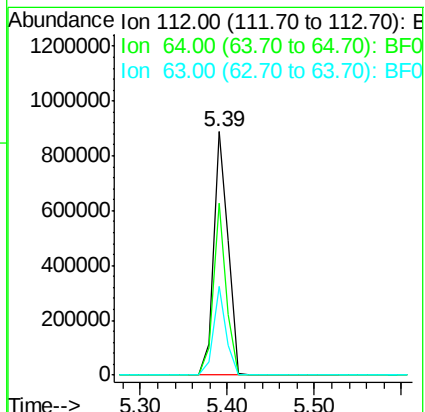
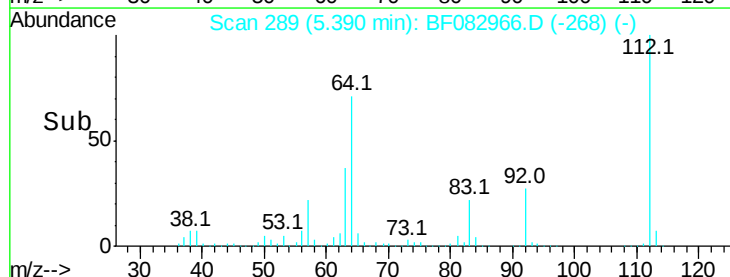
63 36.7 28.1 42.1

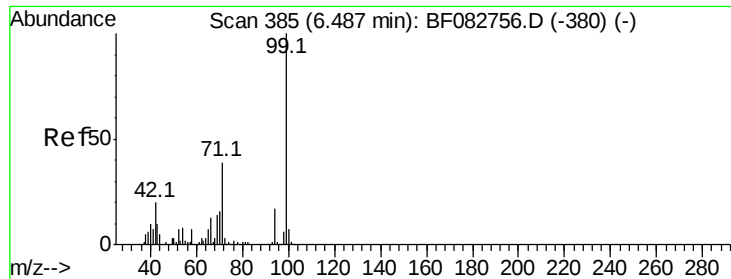


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

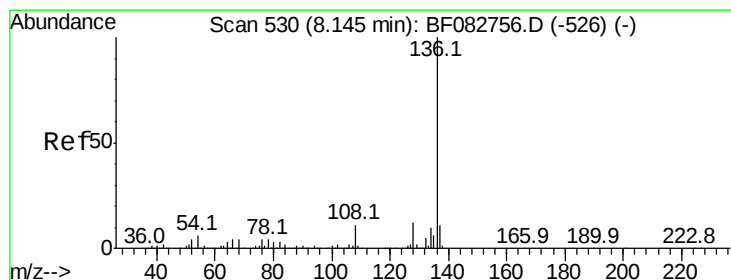
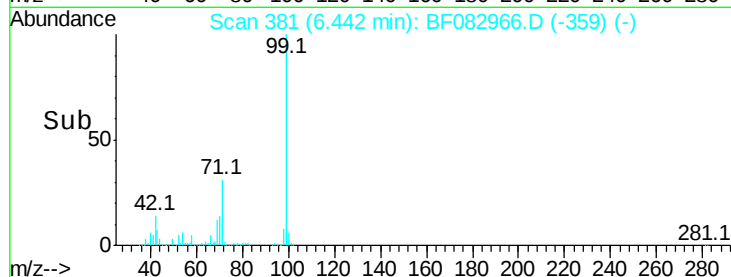
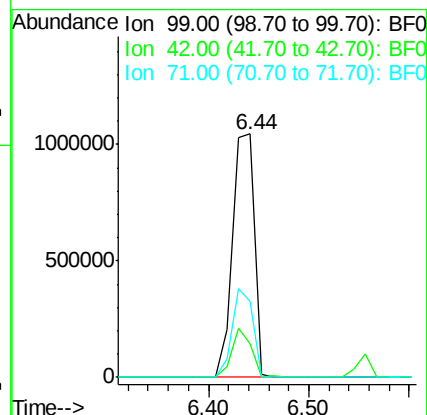
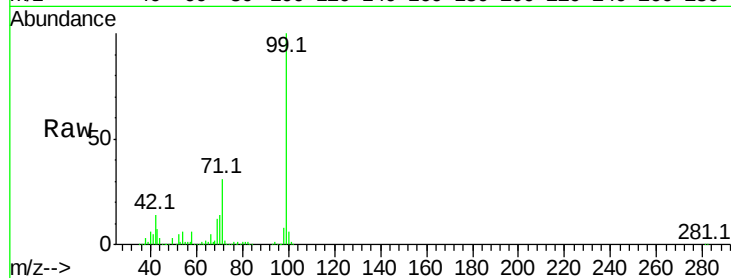
Tot Ion: 99 Resp: 1580431

Ion Ratio Lower Upper

99 100

42 14.1 19.2 28.8#

71 31.1 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Tgt Ion: 136 Resp: 1094902

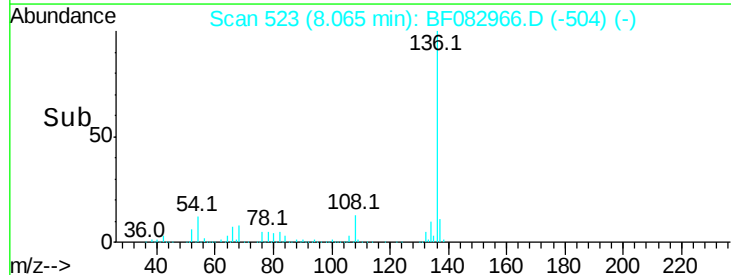
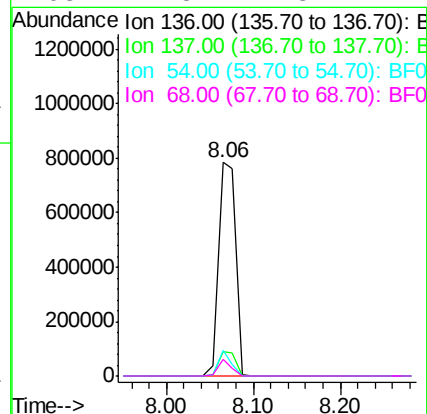
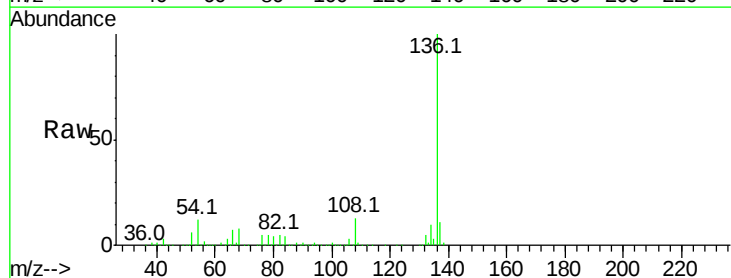
Ion Ratio Lower Upper

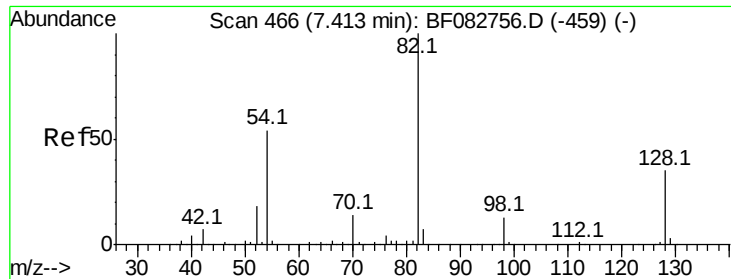
136 100

137 11.4 9.1 13.7

54 11.8 9.1 13.7

68 7.8 4.8 7.2#

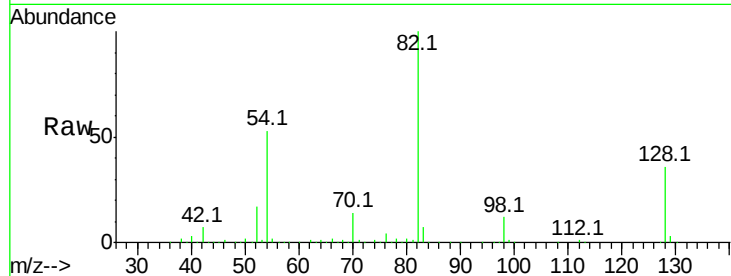




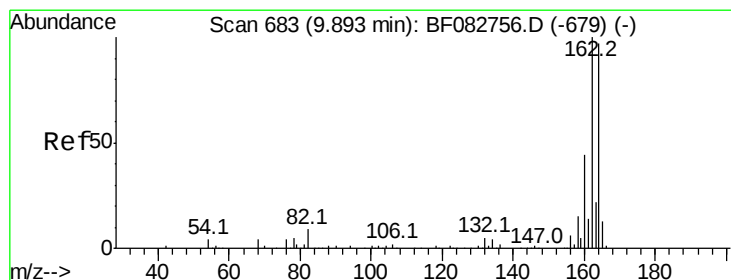
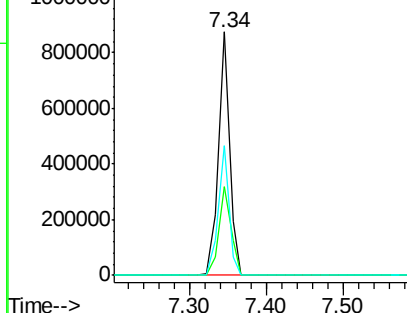
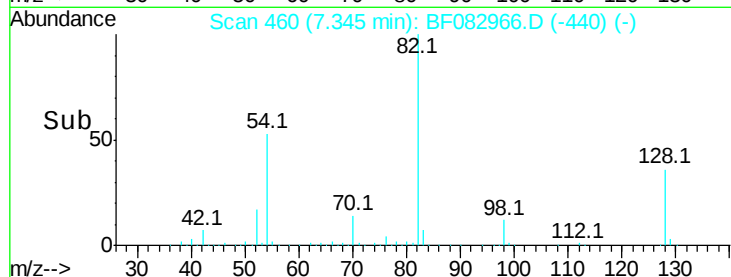
#23
Nitrobenzene-d5
Concen: 35.47 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Instrument :
BNA_F
ClientSampleId :
P001-TS003-01RE

Tot Ion	82	Resp	892620
Ion Ratio	100	Lower	Upper
128	36.4	26.8	40.2
54	53.4	45.7	68.5

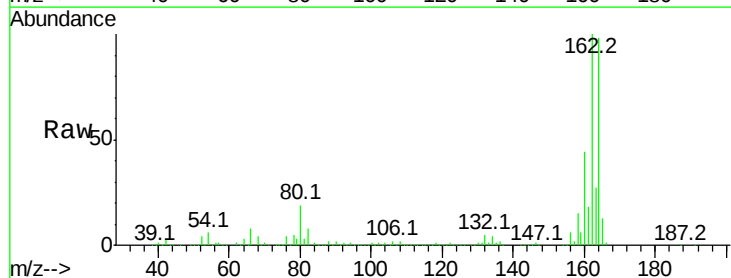


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

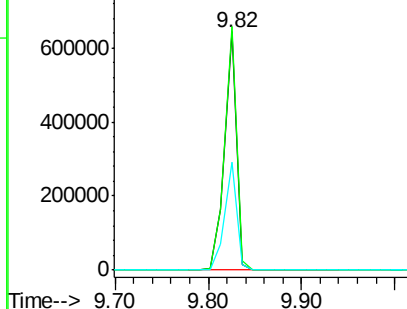
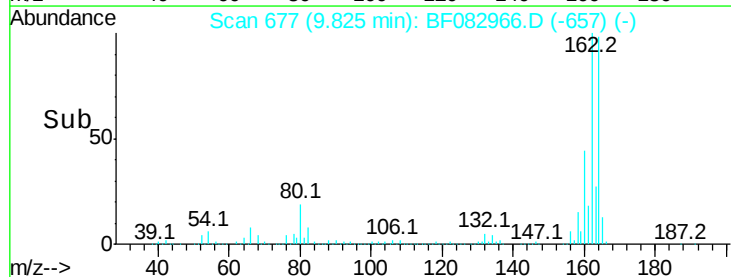


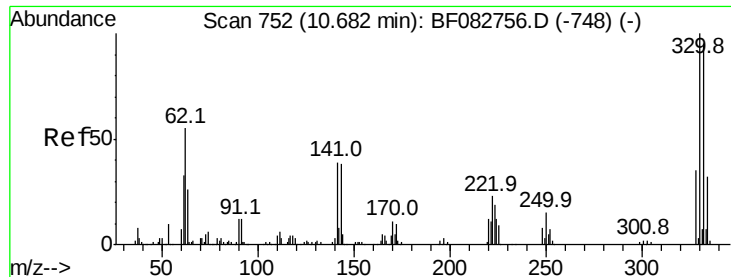
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Tgt Ion	164	Resp	569141
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.3	84.9	127.3
160	45.2	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

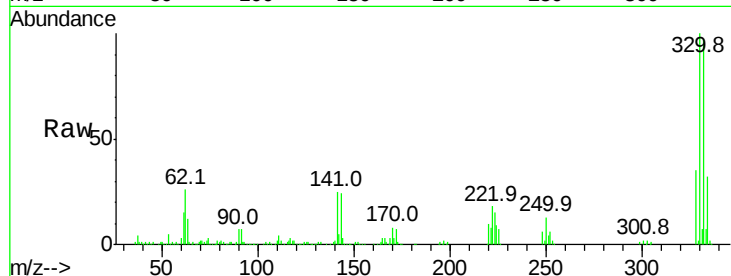




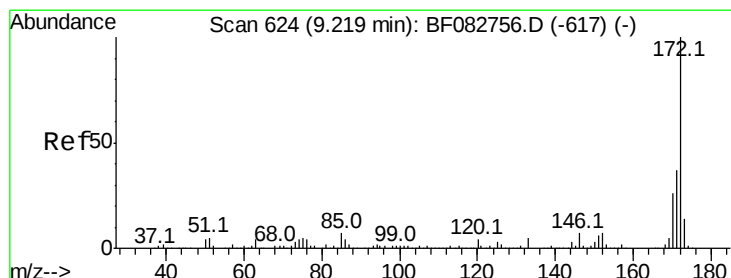
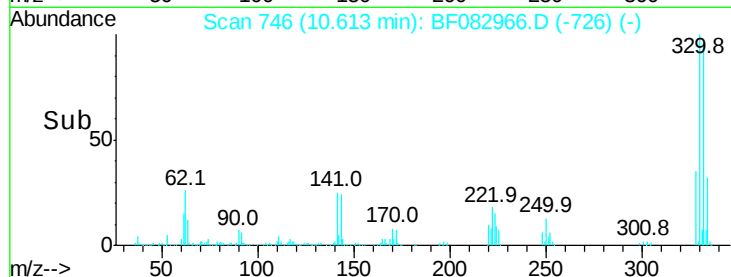
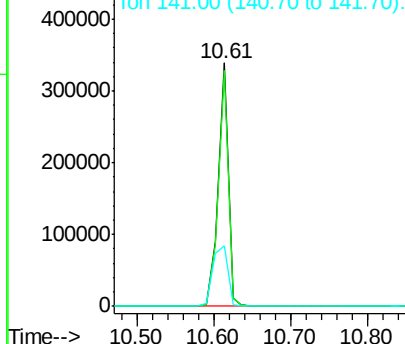
#41
 2,4,6-Tribromophenol
 Concen: 47.28 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01RE

Tot Ion:330 Resp: 308569
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 37.3 41.2 61.8#

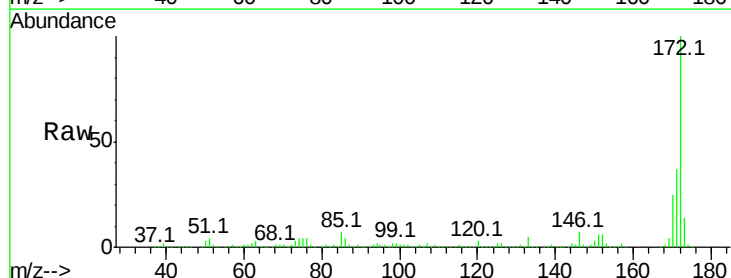


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

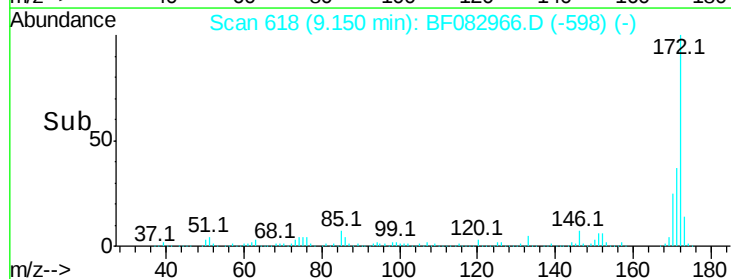
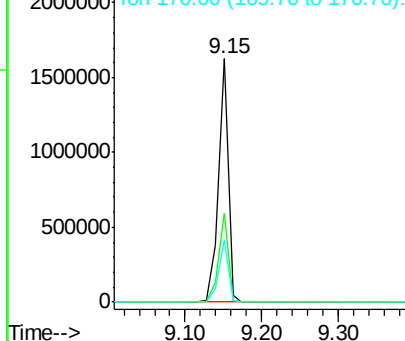


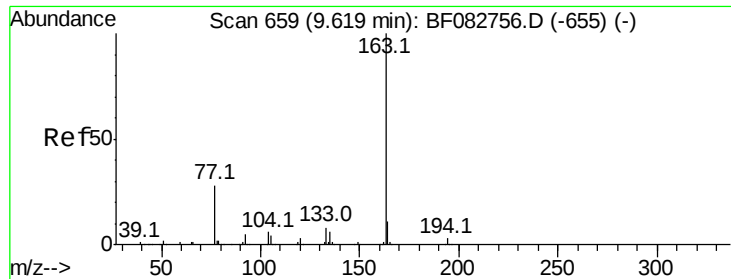
#44
 2-Fluorobiphenyl
 Concen: 35.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082966.D
 Acq: 17 Nov 2015 10:23

Tgt Ion:172 Resp: 1426697
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 25.3 21.2 31.8



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

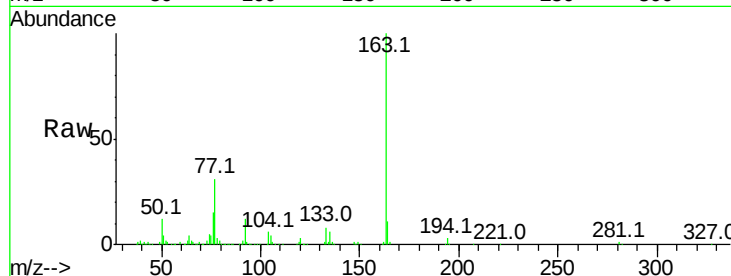




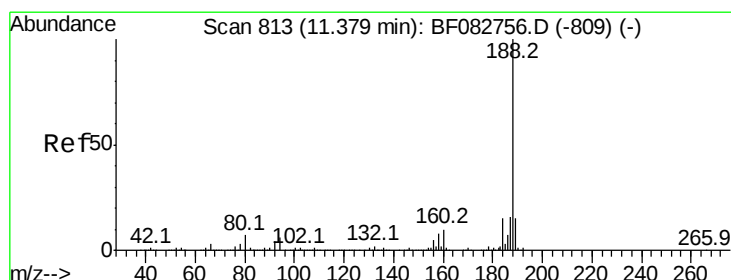
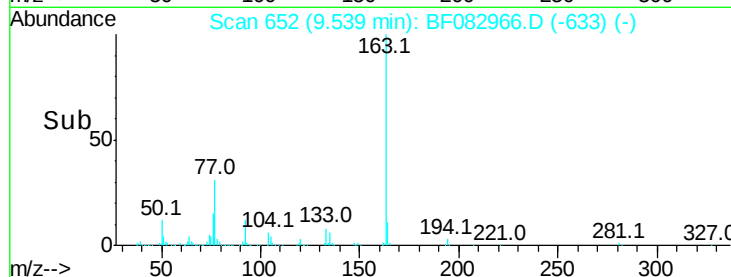
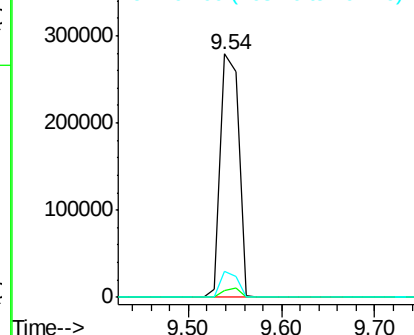
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Instrument :
BNA_F
ClientSampleId :
P001-TS003-01RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.7	8.7	13.1

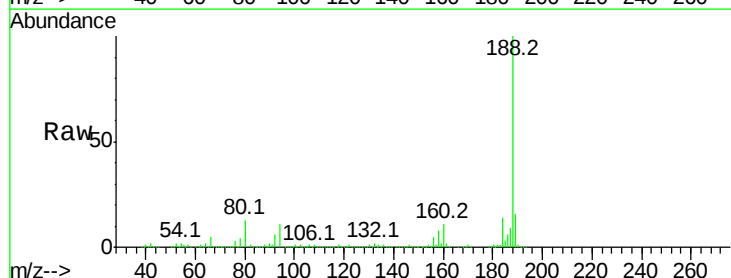


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

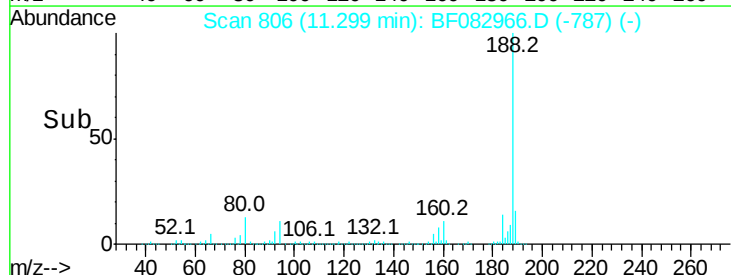
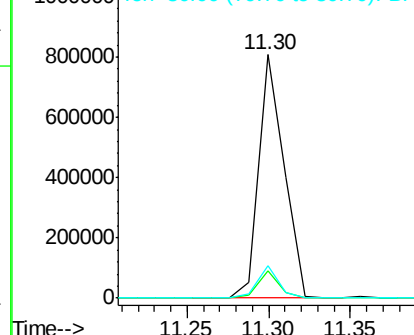


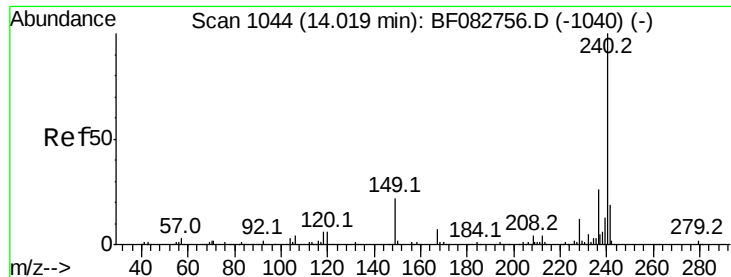
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.1	9.1#
80	13.4	7.0	10.6#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01RE

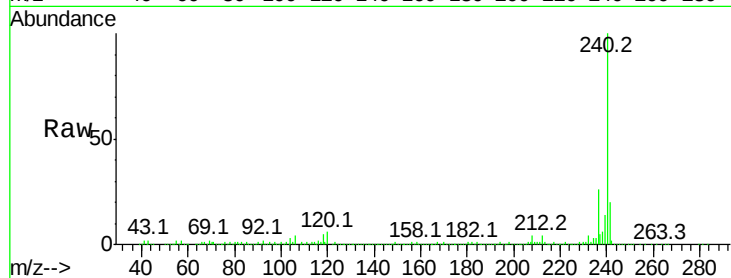
Tot Ion:240 Resp: 656320

Ion Ratio Lower Upper

240 100

120 6.3 10.9 16.3#

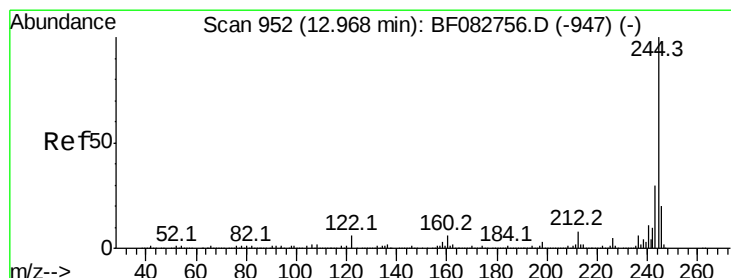
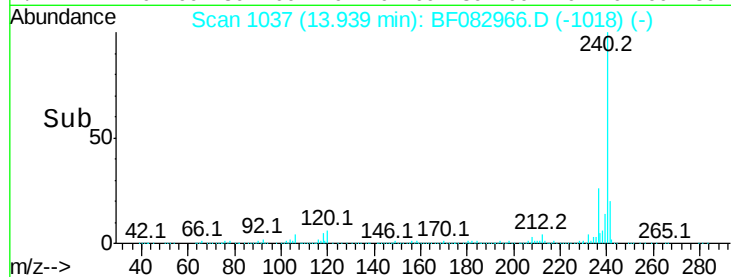
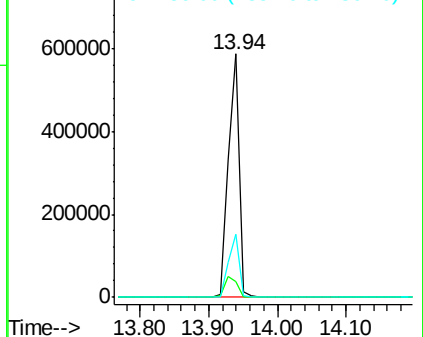
236 26.1 21.6 32.4



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: 32.31 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082966.D

Acq: 17 Nov 2015 10:23

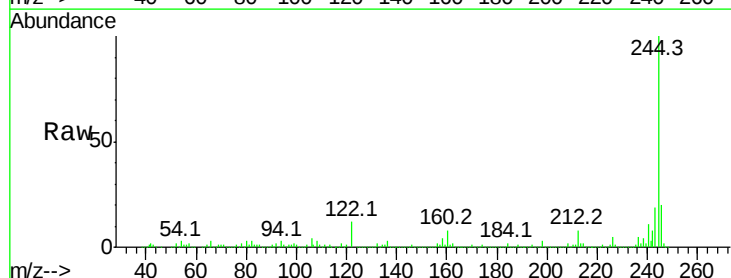
Tgt Ion:244 Resp: 893977

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

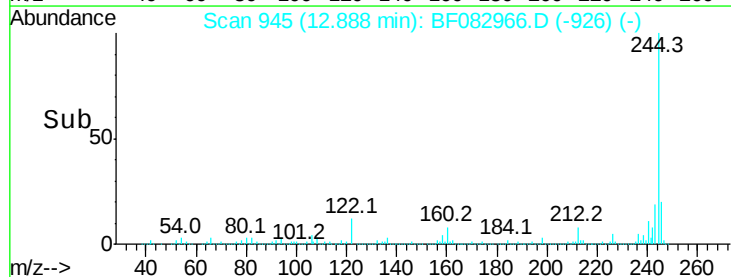
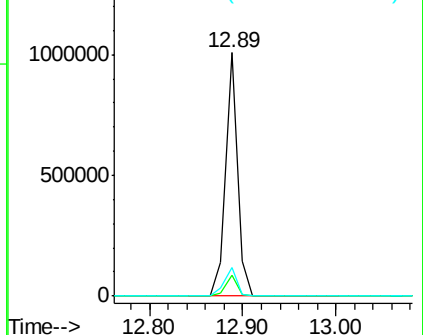
122 11.7 11.3 16.9

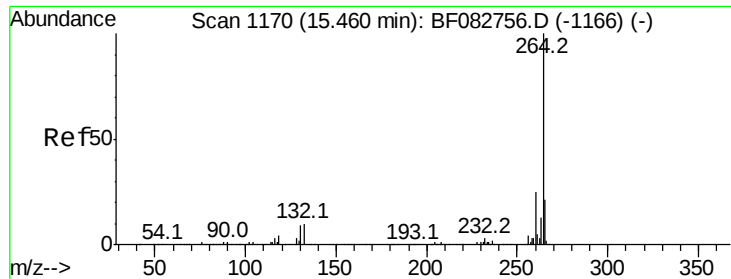


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

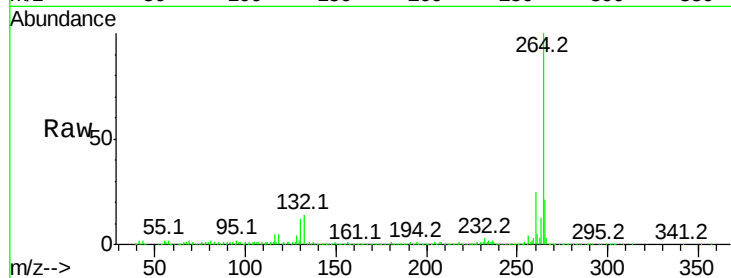




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.11 min
Lab File: BF082966.D
Acq: 17 Nov 2015 10:23

Instrument :
BNA_F
ClientSampleId :
P001-TS003-01RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	21.5	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

