

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090816.D
 Acq On : 25 Oct 2016 19:18
 Operator : UM/SJ
 Sample : H5365-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Quant Time: Oct 26 01:04:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

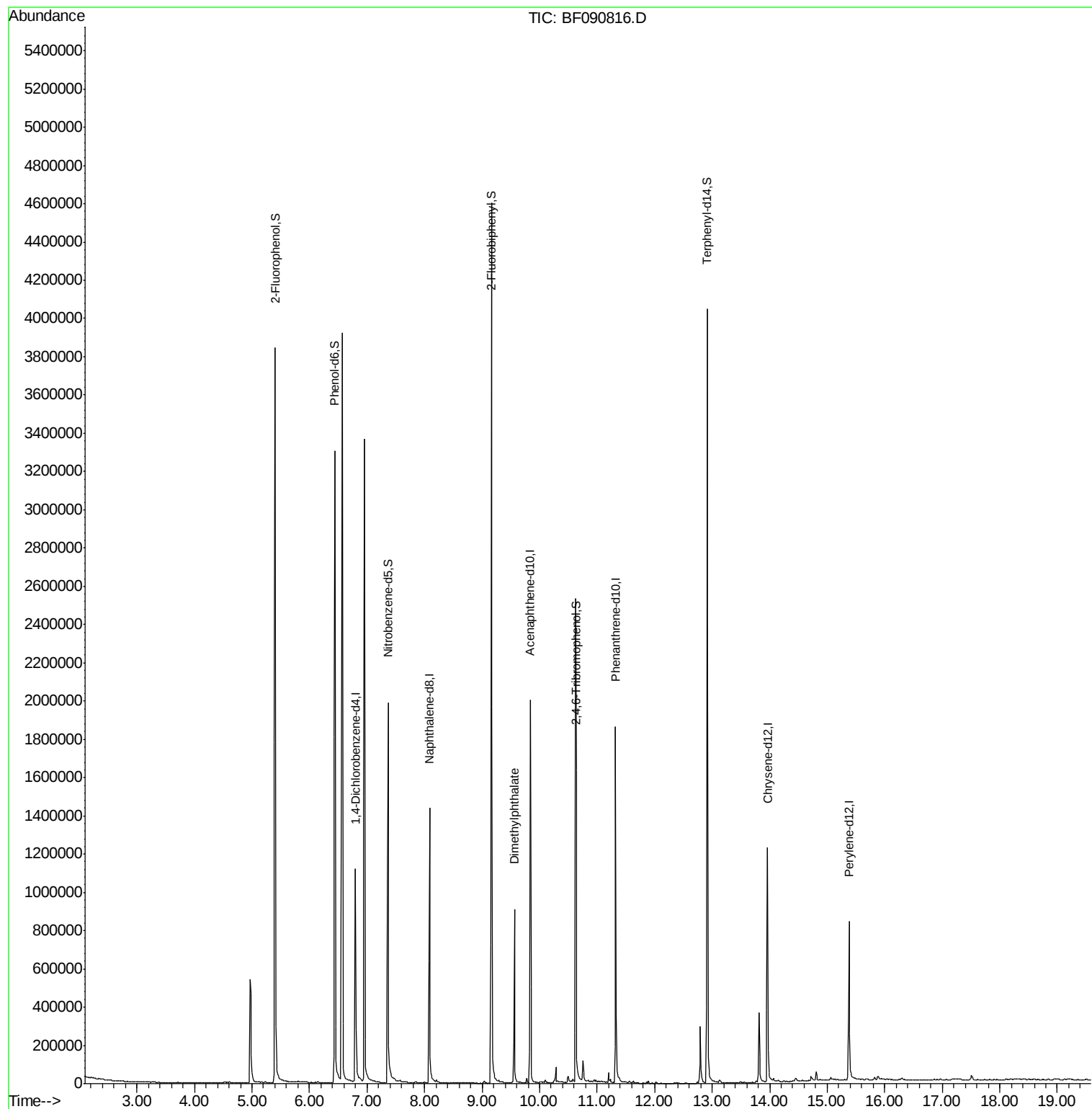
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	203706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	857135	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	435224	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	733233	20.00	ng	0.00
75) Chrysene-d12	13.96	240	472480	20.00	ng	0.00
86) Perylene-d12	15.38	264	387247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1309979	103.71	ng	0.01
7) Phenol-d6	6.44	99	1627637	95.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	972923	62.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	474821	137.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1822538	65.01	ng	-0.01
78) Terphenyl-d14	12.91	244	1803899	87.50	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	399629	14.61	ng	Qvalue # 97

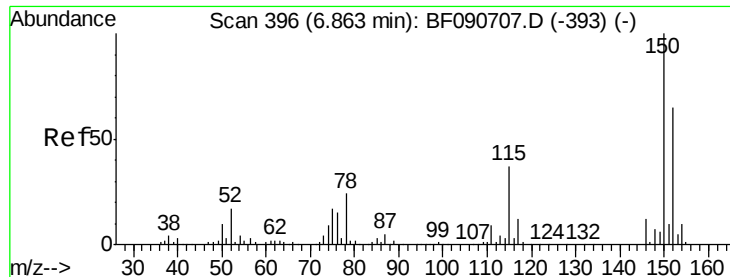
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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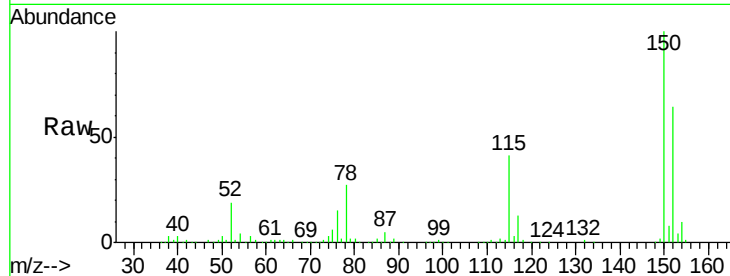


#1

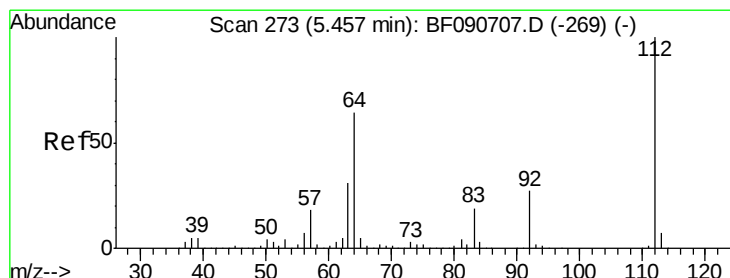
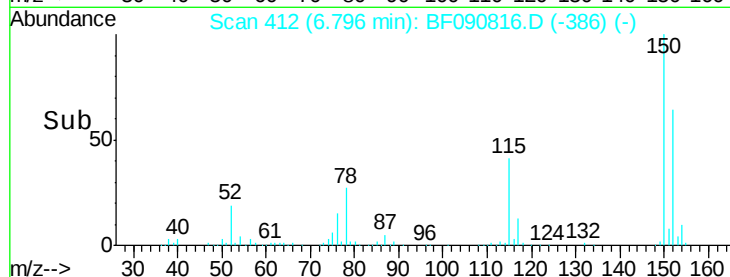
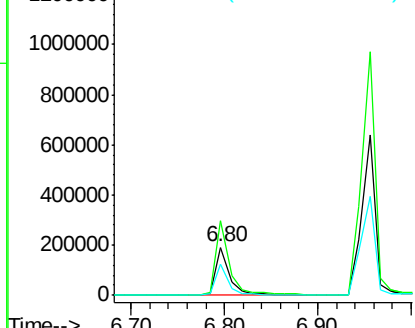
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF090816.D
Acq: 25 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5

Tot Ion:152 Resp: 203706
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 63.8 39.0 58.4#



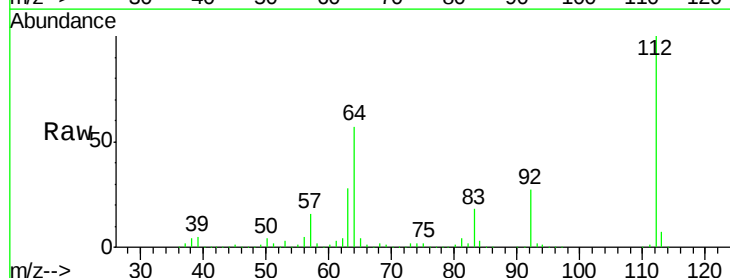
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



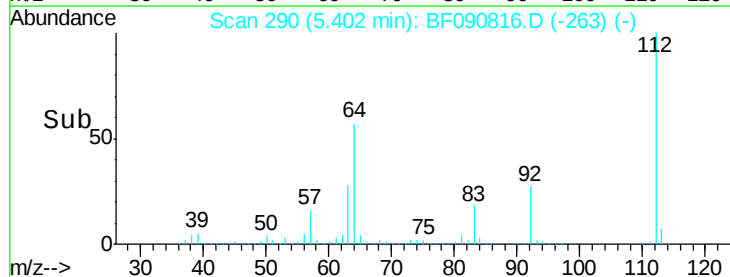
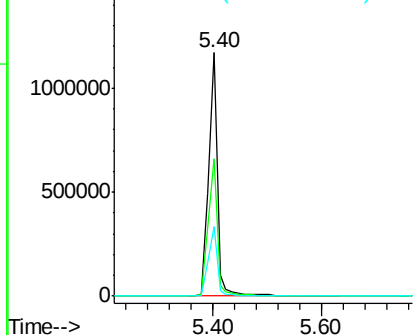
#5

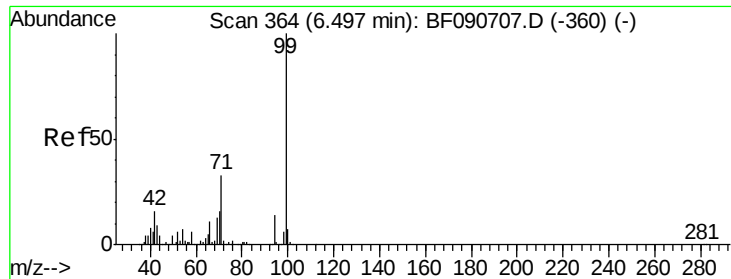
2-Fluorophenol
Concen: 103.71 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF090816.D
Acq: 25 Oct 2016 19:18

Tgt Ion:112 Resp: 1309979
Ion Ratio Lower Upper
112 100
64 56.5 39.7 59.5
63 28.3 17.4 26.0#



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: 95.14 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

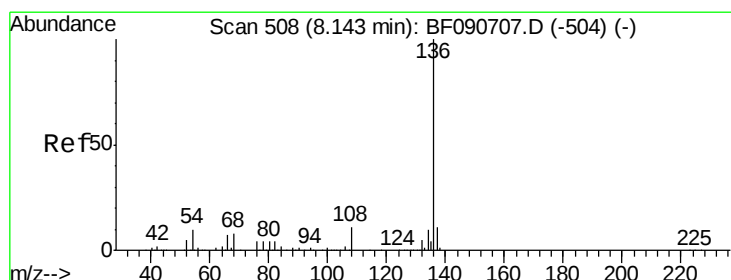
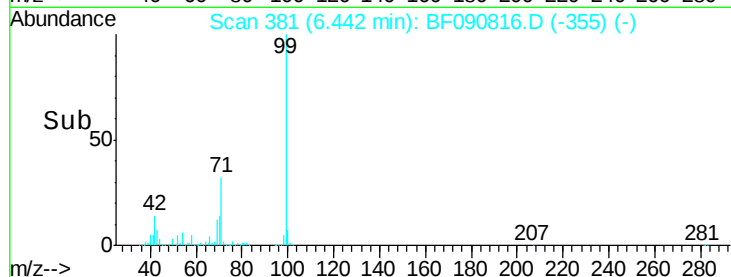
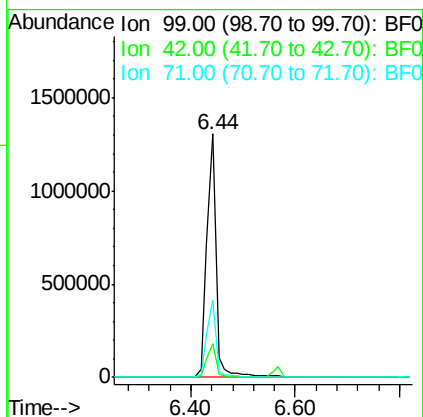
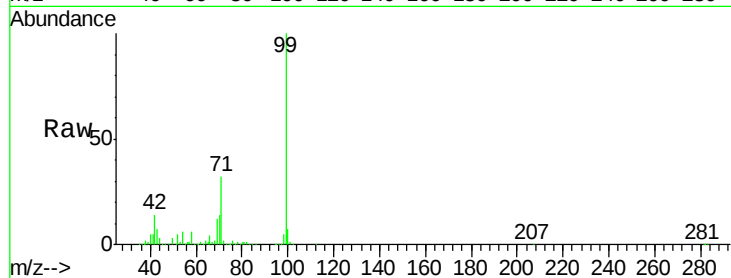
Tot Ion: 99 Resp: 1627637

Ion Ratio Lower Upper

99 100

42 13.7 13.7 20.5

71 31.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Tgt Ion: 136 Resp: 857135

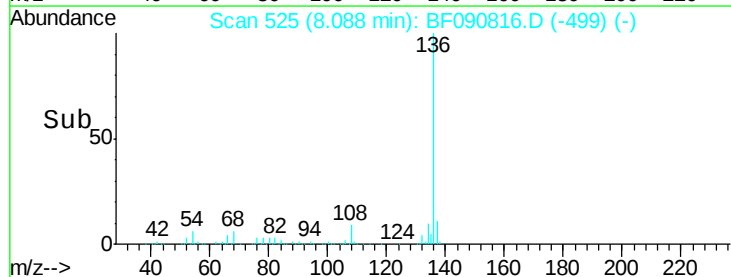
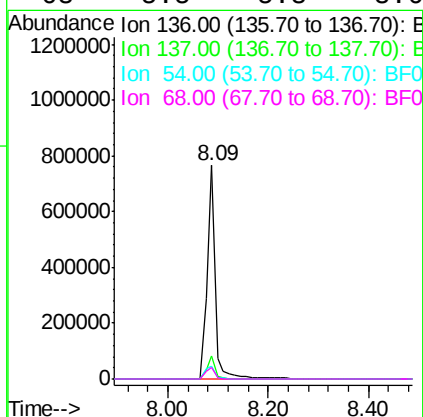
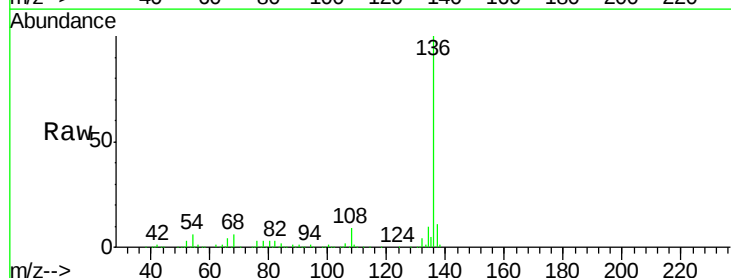
Ion Ratio Lower Upper

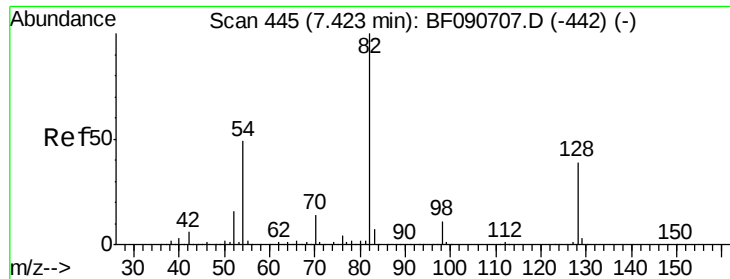
136 100

137 10.7 9.0 13.6

54 5.9 8.2 12.2#

68 5.5 5.8 8.6#

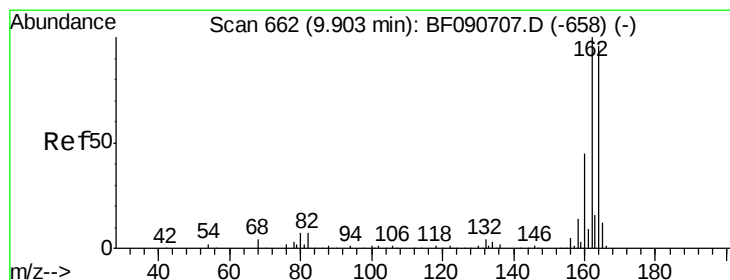
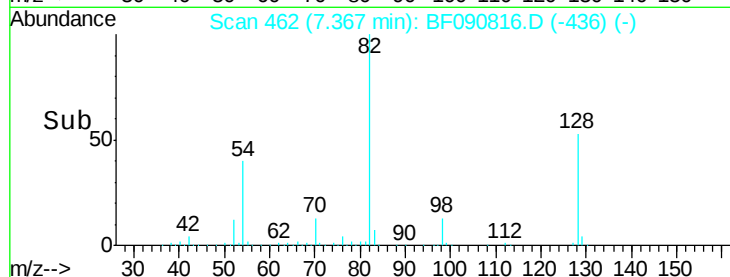
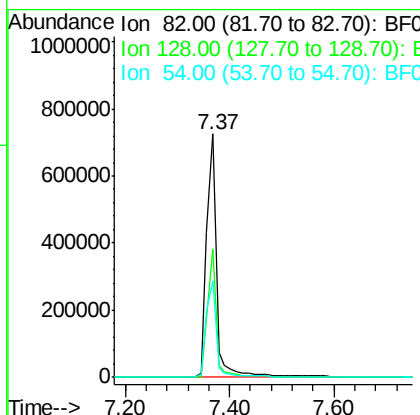
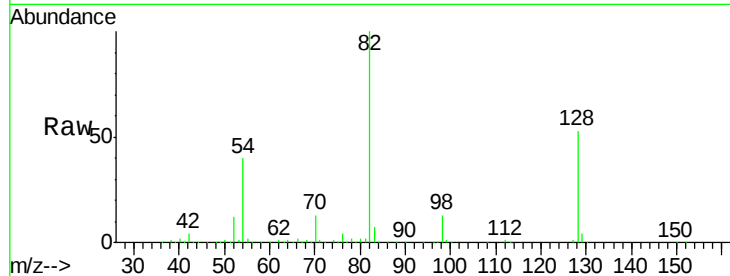




#23
 Nitrobenzene-d5
 Concen: 62.26 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

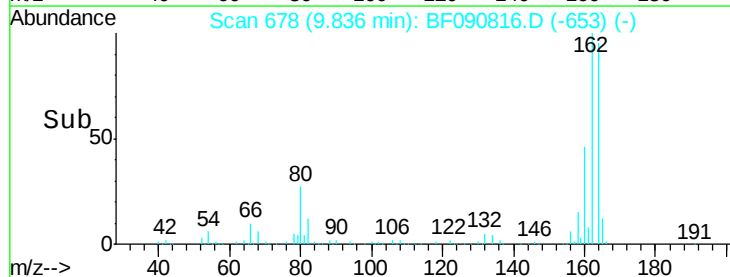
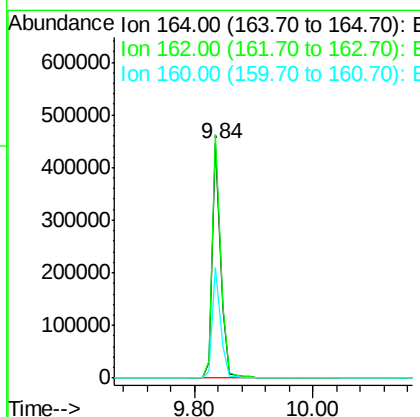
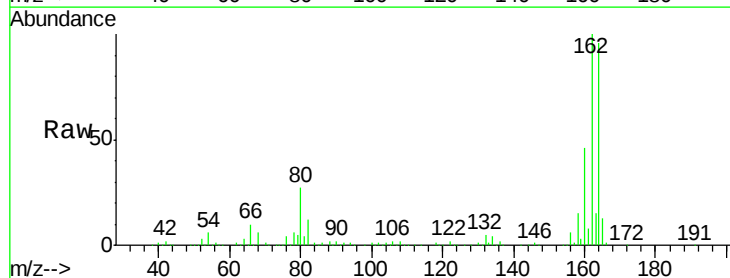
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

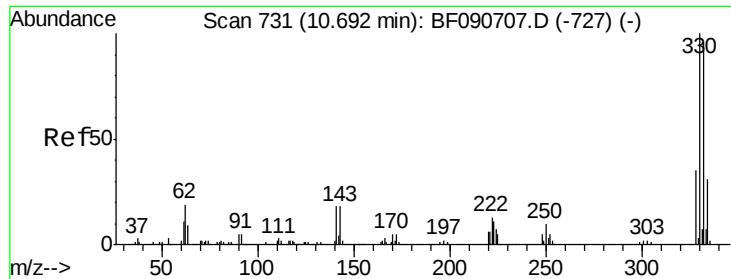
Tot Ion: 82 Resp: 972923
 Ion Ratio Lower Upper
 82 100
 128 52.6 51.0 76.6
 54 39.6 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Tgt Ion:164 Resp: 435224
 Ion Ratio Lower Upper
 164 100
 162 103.9 75.2 112.8
 160 47.4 31.5 47.3#

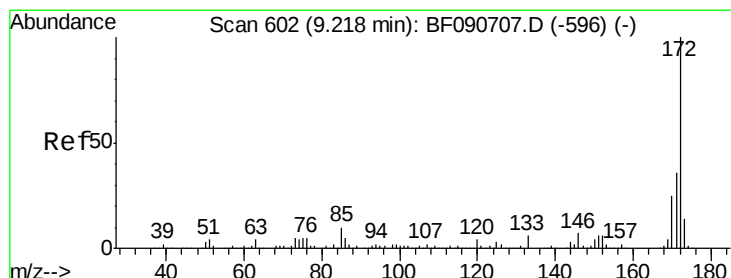
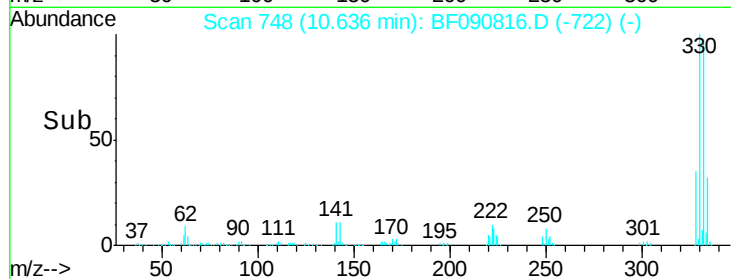
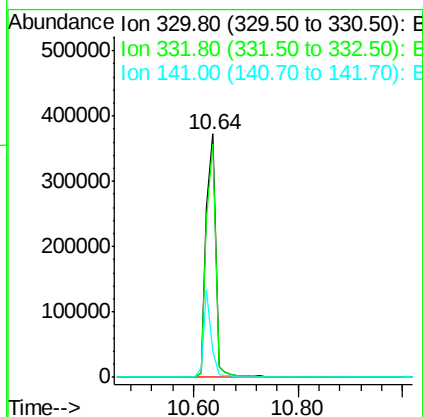
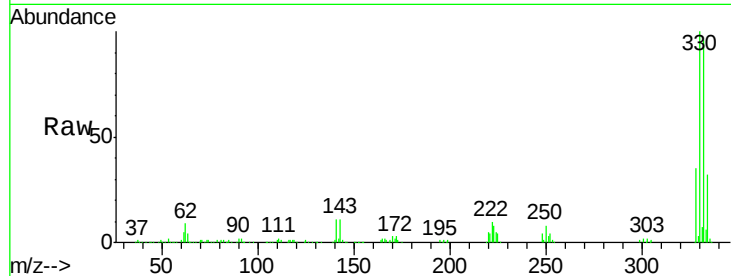




#41
 2,4,6-Tribromophenol
 Concen: 137.84 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

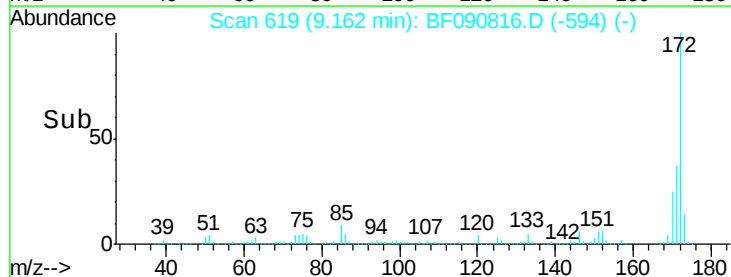
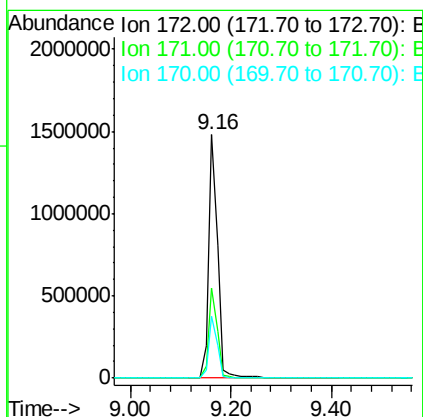
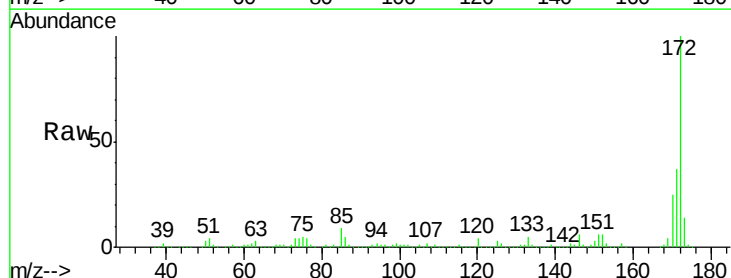
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

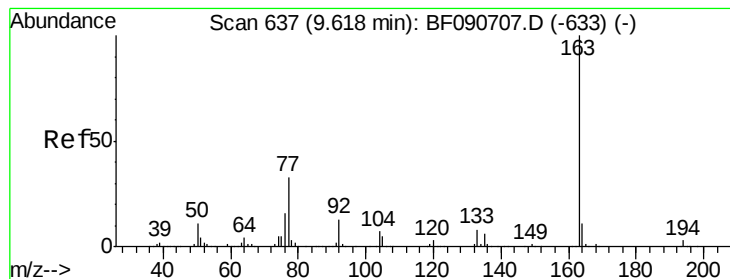
Tot Ion:330 Resp: 474821
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 29.3 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 65.01 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Tgt Ion:172 Resp: 1822538
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 25.3 17.4 26.2





#49

Dimethylphthalate

Concen: 14.61 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

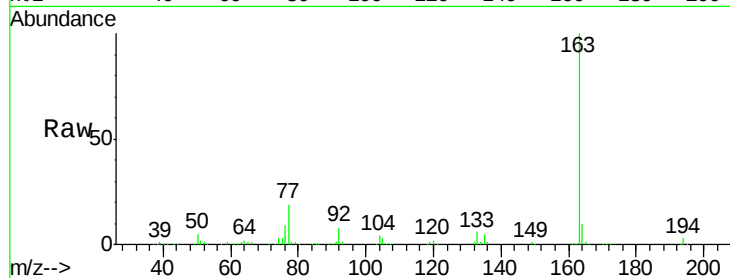
Tot Ion:163 Resp: 399629

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

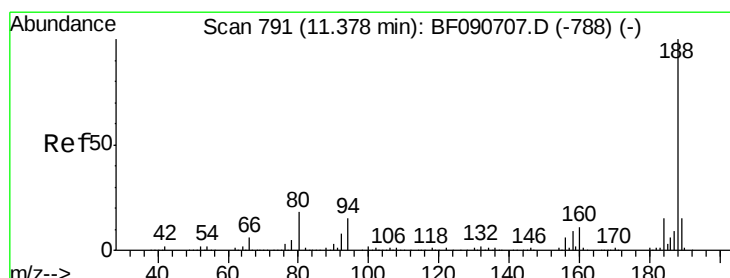
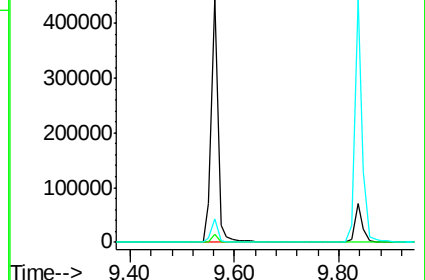
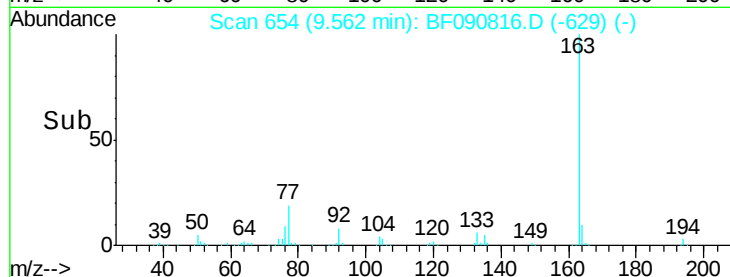
164 9.8 8.3 12.5



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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

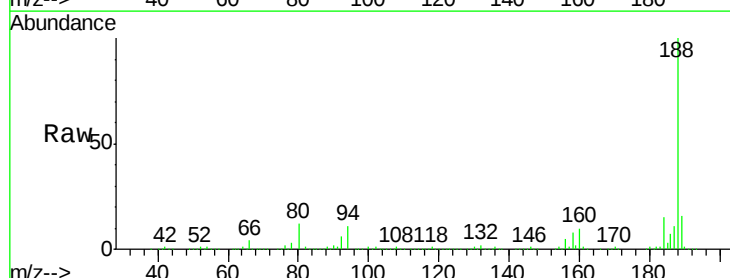
Tgt Ion:188 Resp: 733233

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

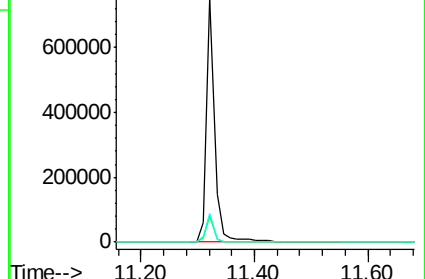
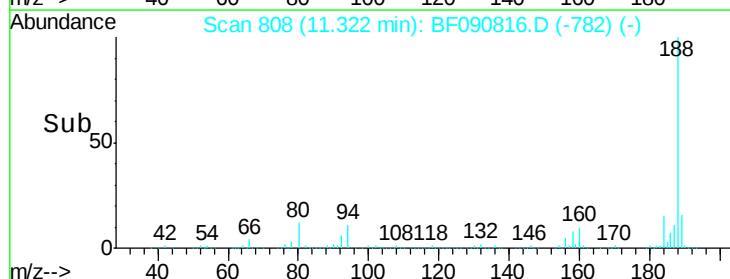
80 11.8 11.0 16.4



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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B2-B3-B4-B5

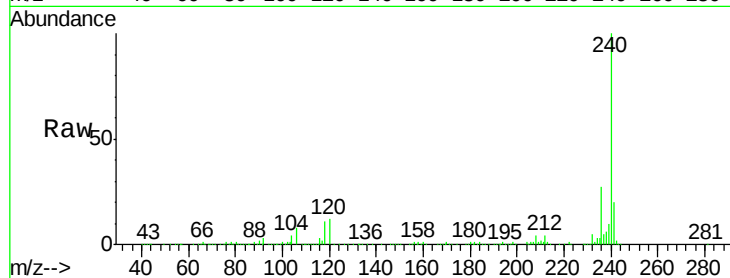
Tot Ion:240 Resp: 472480

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

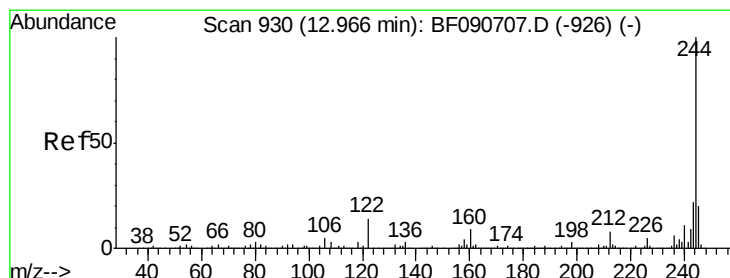
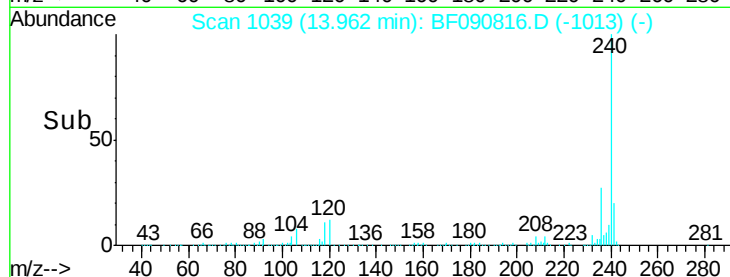
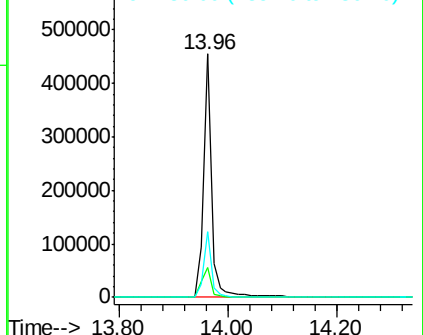
236 27.1 18.4 27.6



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: 87.50 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090816.D

Acq: 25 Oct 2016 19:18

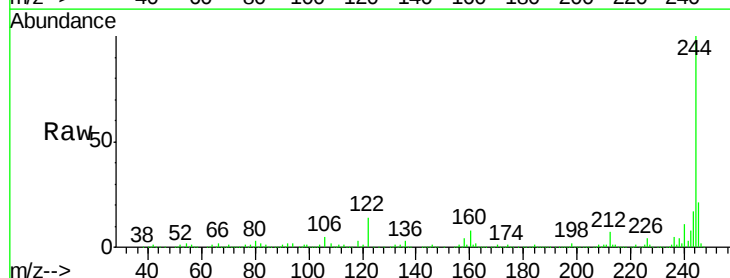
Tgt Ion:244 Resp: 1803899

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

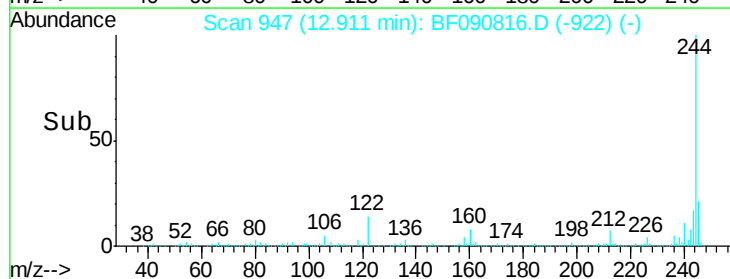
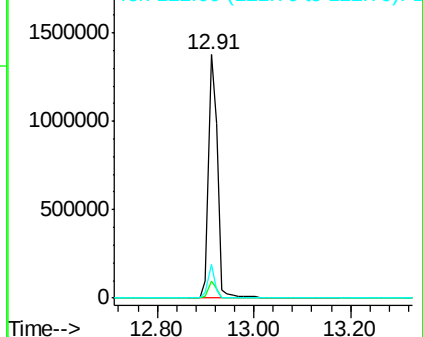
122 13.8 17.4 26.2#

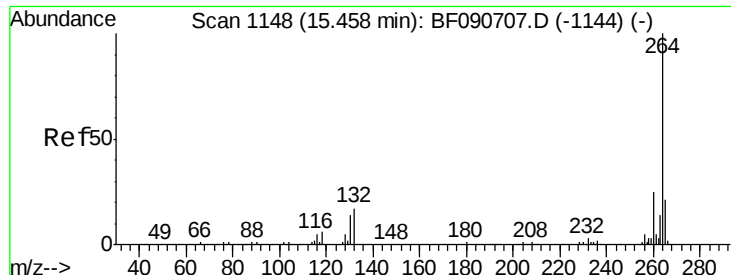


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF090816.D
 Acq: 25 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B2-B3-B4-B5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	22.0	17.2	25.8

