

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
 Data File : BF090830.D
 Acq On : 26 Oct 2016 1:38
 Operator : UM/SJ
 Sample : H5396-03 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

Quant Time: Oct 26 03:20:24 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

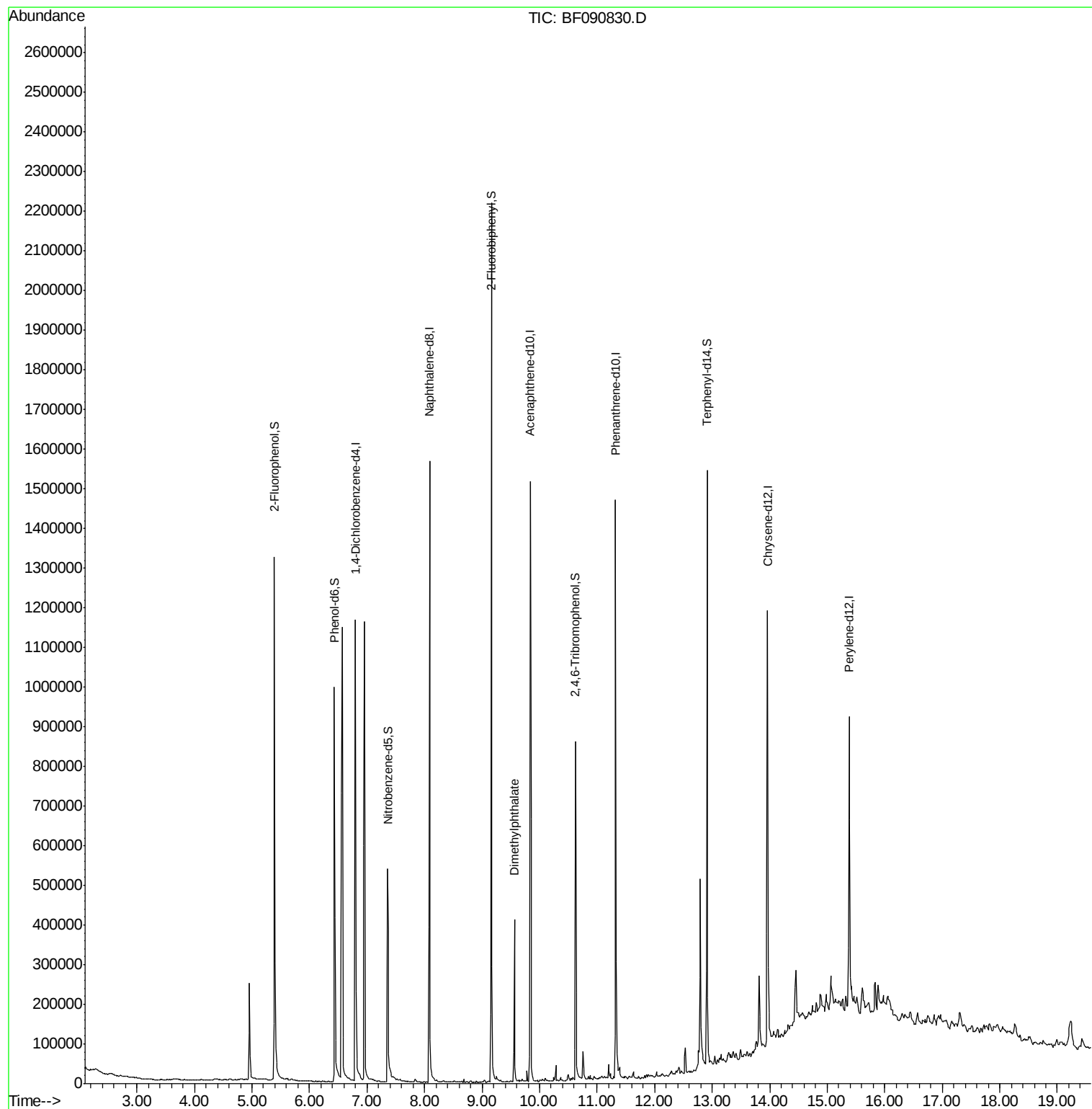
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	198375	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	792634	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	378780	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	548782	20.00	ng	0.00
75) Chrysene-d12	13.96	240	396202	20.00	ng	0.00
86) Perylene-d12	15.38	264	377789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	415785	33.80	ng	0.00
7) Phenol-d6	6.43	99	489881	29.40	ng	-0.01
23) Nitrobenzene-d5	7.36	82	306551	21.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	108627	36.23	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	681125	27.91	ng	-0.01
78) Terphenyl-d14	12.91	244	482481	27.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	181113	7.61	ng	Qvalue # 97

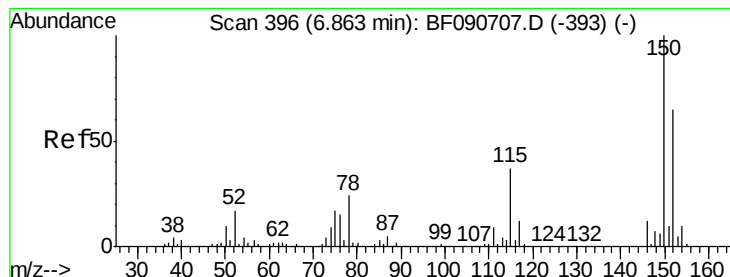
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 25 18:56:36 2016
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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: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

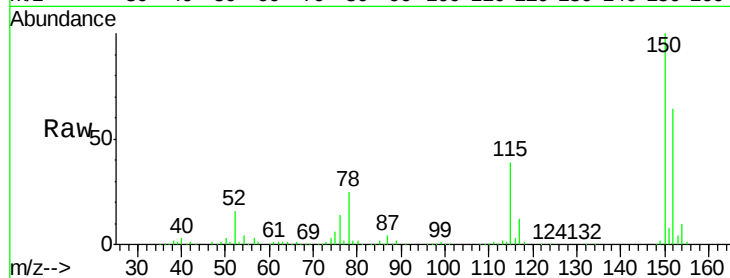
Tot Ion:152 Resp: 198375

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

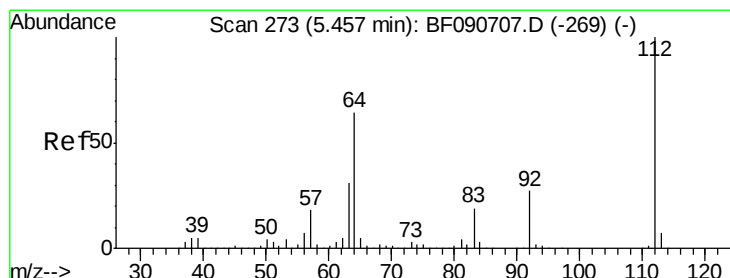
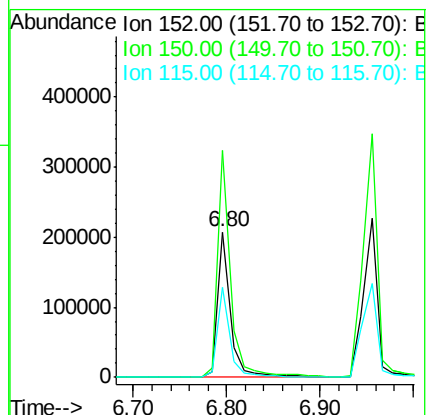
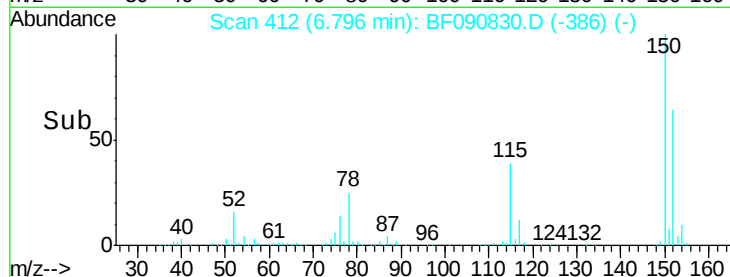
115 61.5 39.0 58.4#



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: 33.80 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

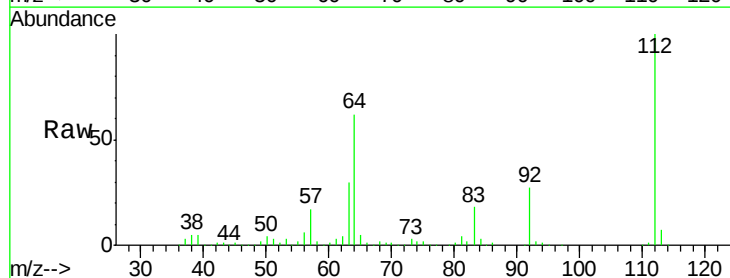
Tgt Ion:112 Resp: 415785

Ion Ratio Lower Upper

112 100

64 61.8 39.7 59.5#

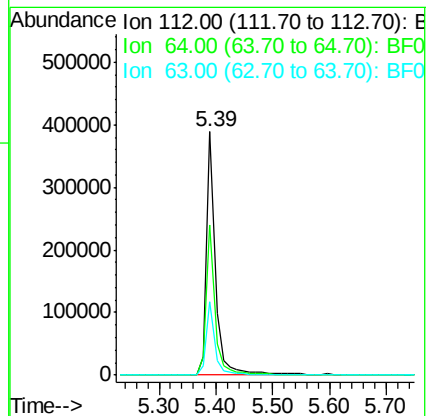
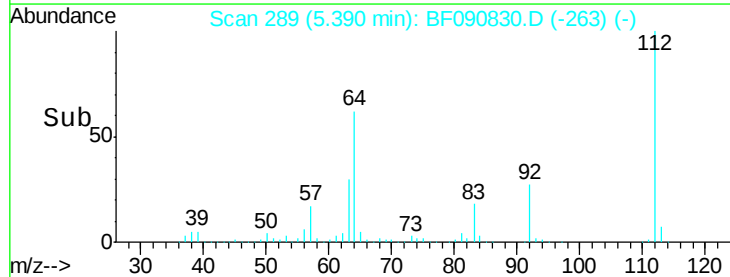
63 30.3 17.4 26.0#

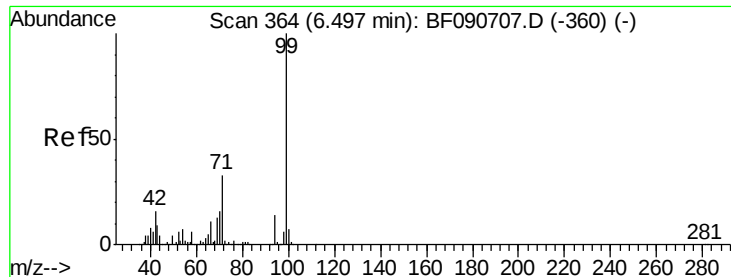


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.40 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampled :

P2-S2

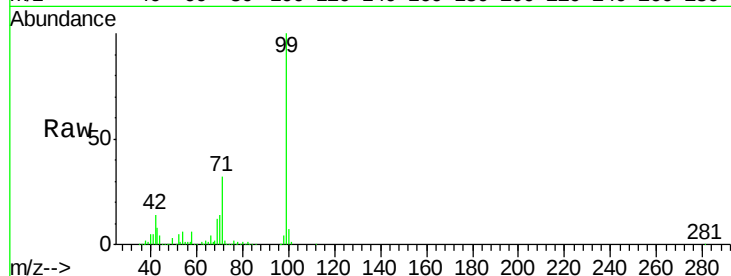
Tot Ion: 99 Resp: 489881

Ion Ratio Lower Upper

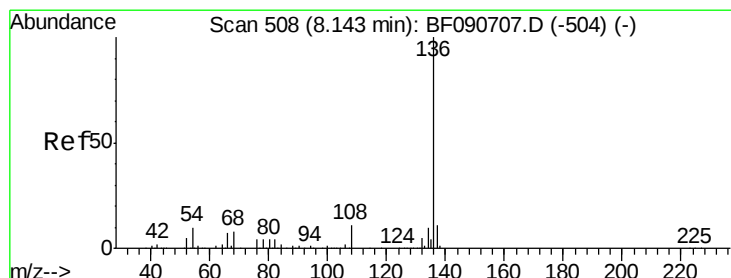
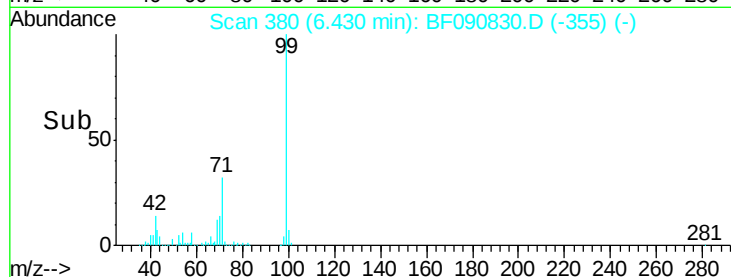
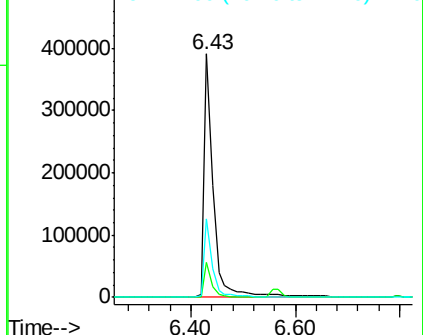
99 100

42 14.3 13.7 20.5

71 32.4 14.2 21.2#



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Tgt Ion: 136 Resp: 792634

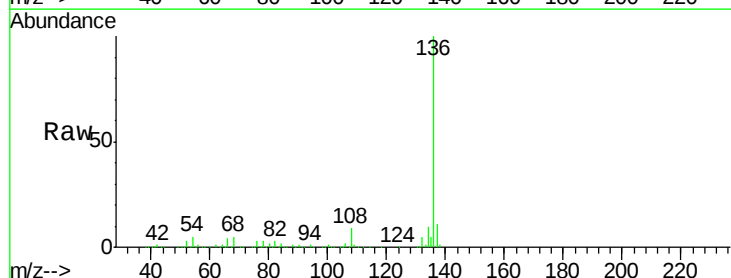
Ion Ratio Lower Upper

136 100

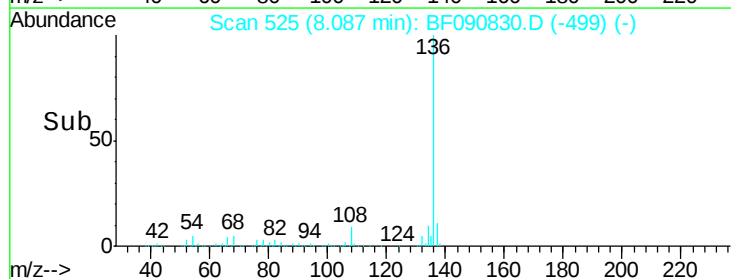
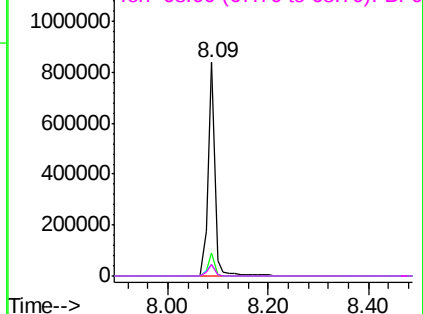
137 11.0 9.0 13.6

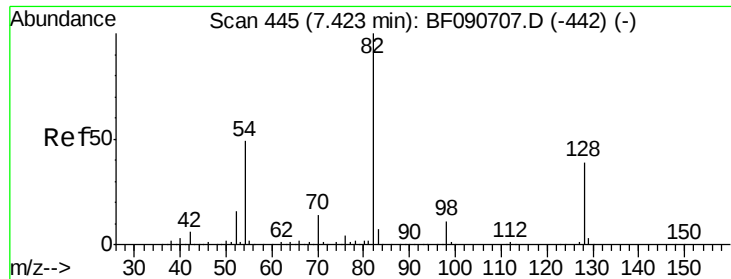
54 5.4 8.2 12.2#

68 5.2 5.8 8.6#



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

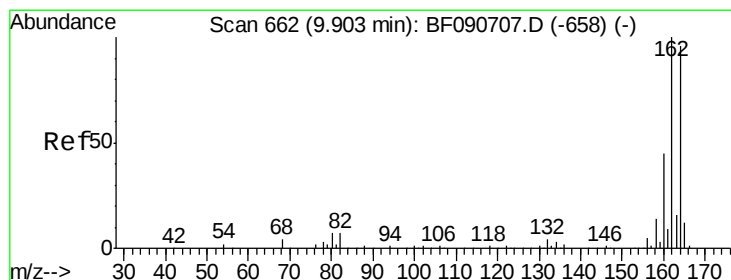
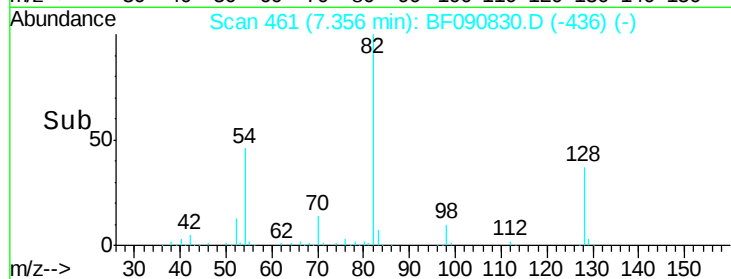
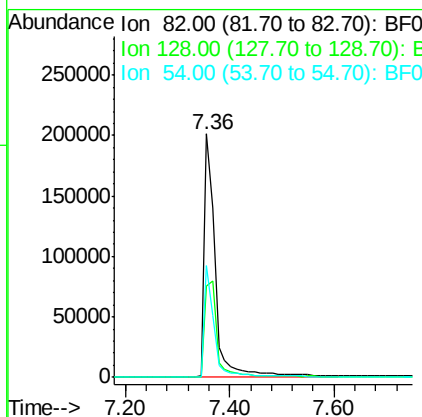
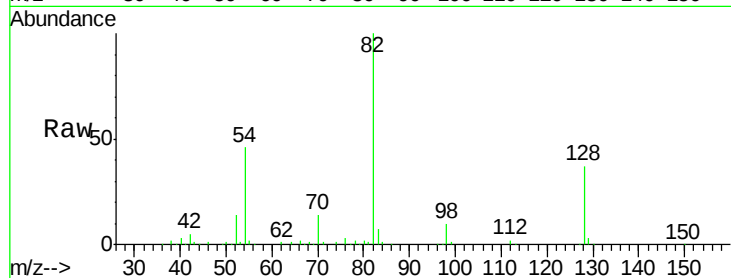




#23
 Nitrobenzene-d5
 Concen: 21.21 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

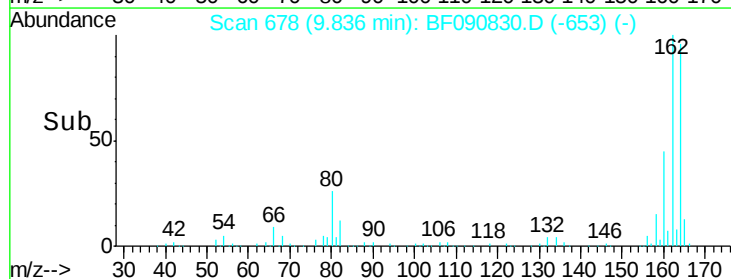
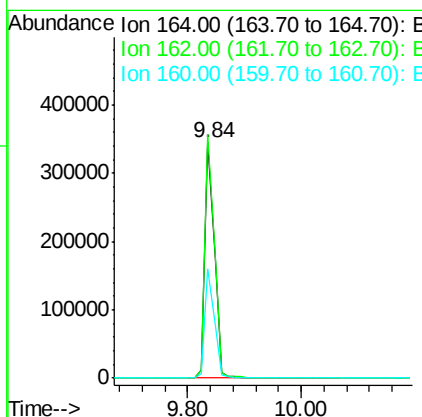
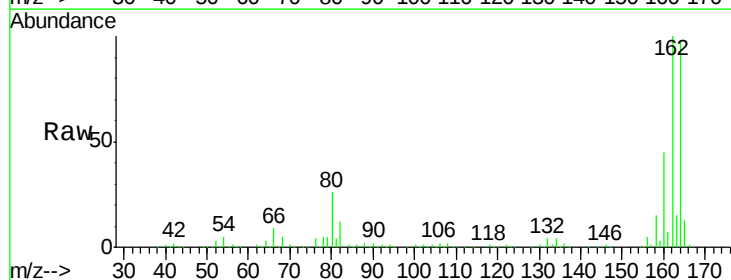
Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

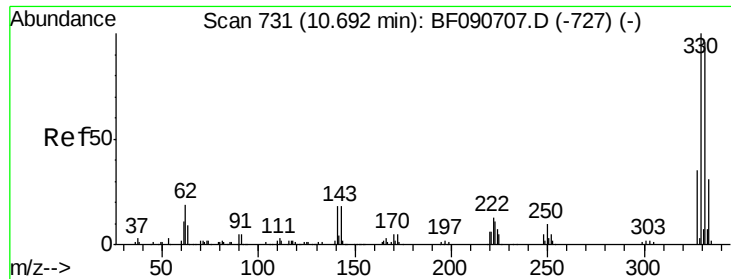
Tot Ion: 82 Resp: 306551
 Ion Ratio Lower Upper
 82 100
 128 37.4 51.0 76.6#
 54 46.1 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Tgt Ion:164 Resp: 378780
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 46.4 31.5 47.3

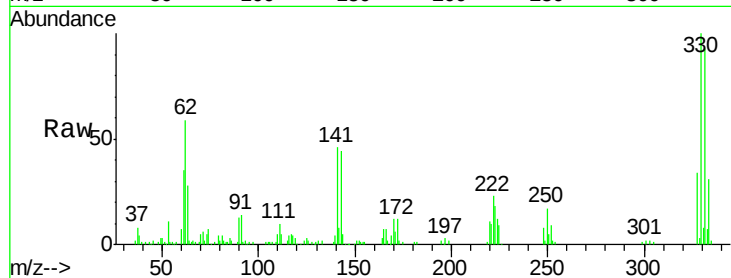




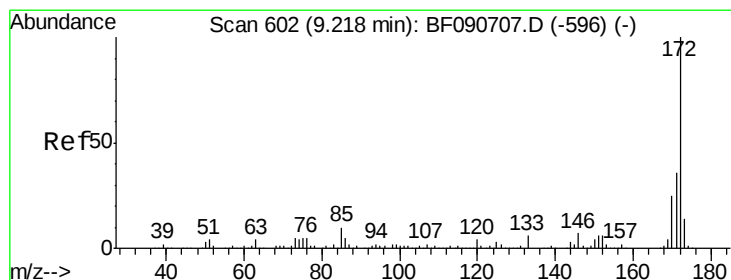
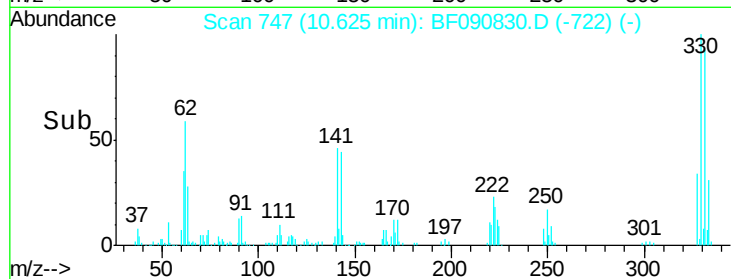
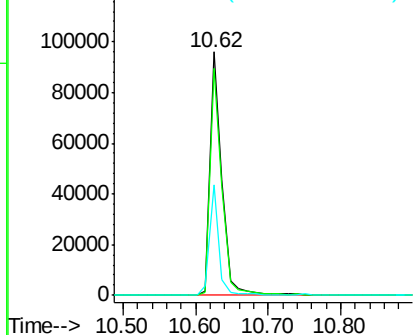
#41
 2,4,6-Tribromophenol
 Concen: 36.23 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Instrument :
 BNA_F
 ClientSampleId :
 P2-S2

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	114.8
141	36.9	29.7	44.5

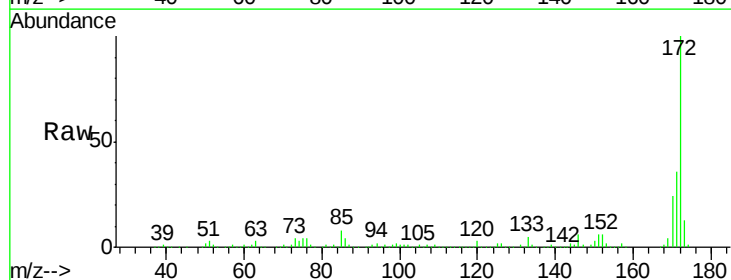


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

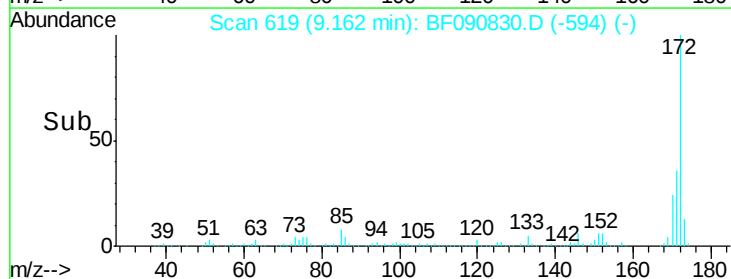
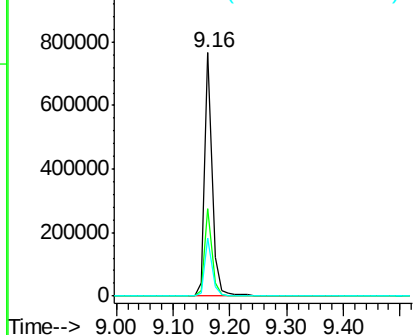


#44
 2-Fluorobiphenyl
 Concen: 27.91 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090830.D
 Acq: 26 Oct 2016 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	23.8	17.4	26.2



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: 7.61 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampled :

P2-S2

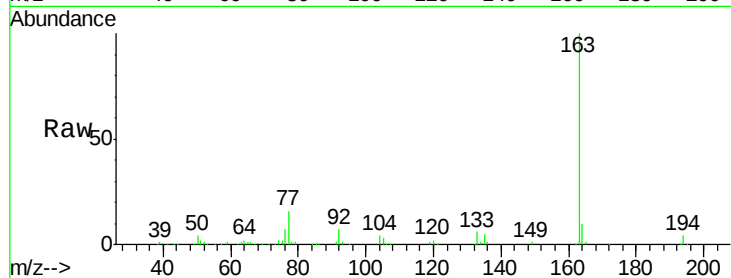
Tot Ion:163 Resp: 181113

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

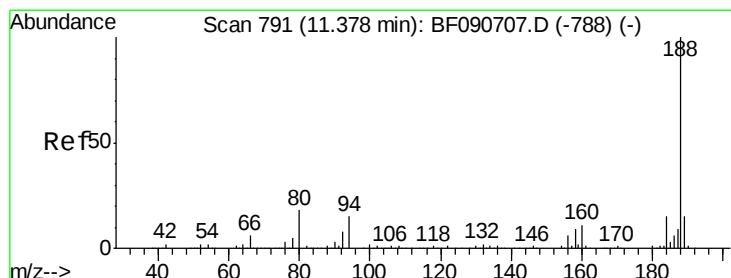
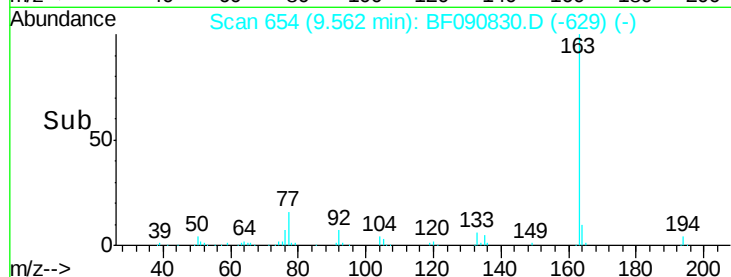
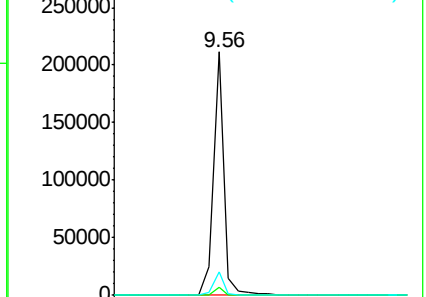
164 9.6 8.3 12.5



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: BF090830.D

Acq: 26 Oct 2016 1:38

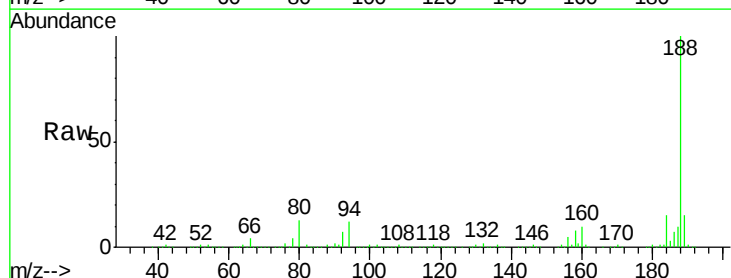
Tgt Ion:188 Resp: 548782

Ion Ratio Lower Upper

188 100

94 11.7 11.1 16.7

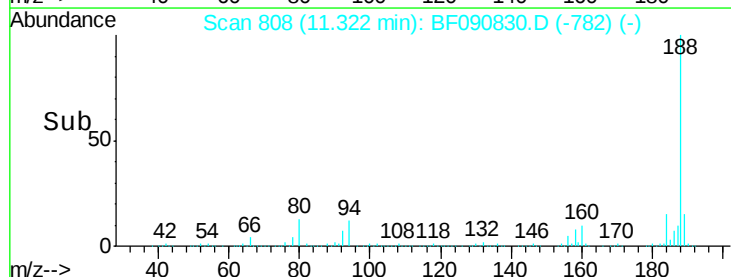
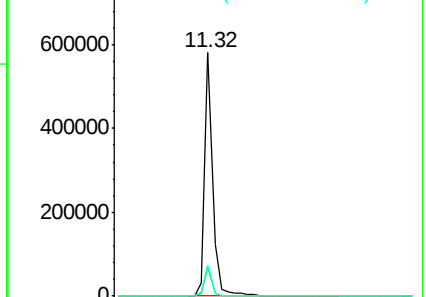
80 13.0 11.0 16.4

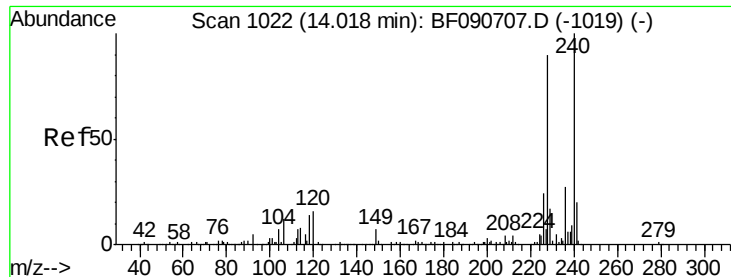


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampled :

P2-S2

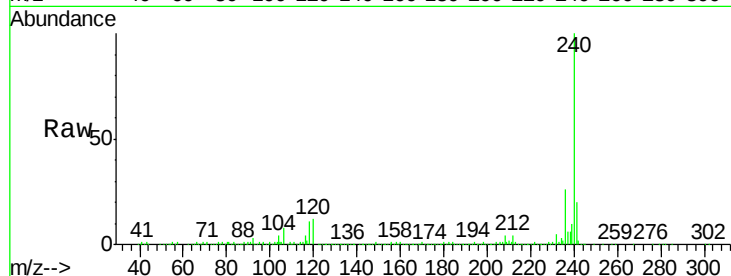
Tot Ion:240 Resp: 396202

Ion Ratio Lower Upper

240 100

120 12.3 16.2 24.2#

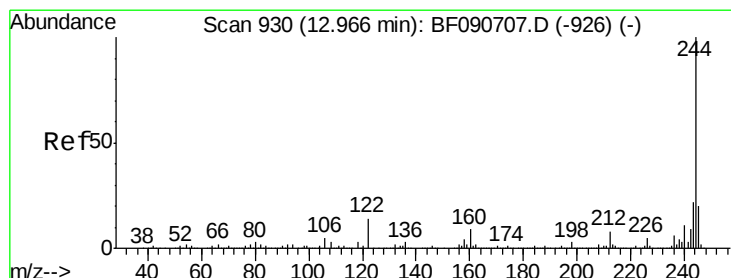
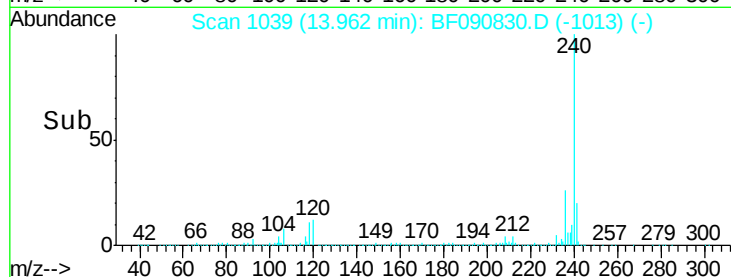
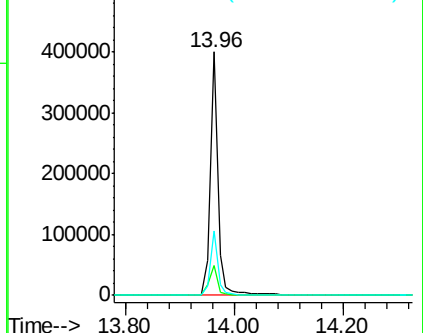
236 26.3 18.4 27.6



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: 27.91 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090830.D

Acq: 26 Oct 2016 1:38

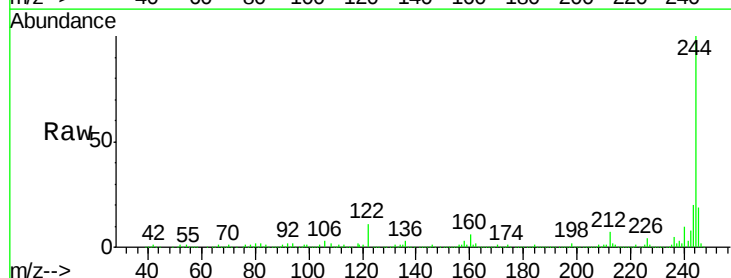
Tgt Ion:244 Resp: 482481

Ion Ratio Lower Upper

244 100

212 6.5 4.3 6.5#

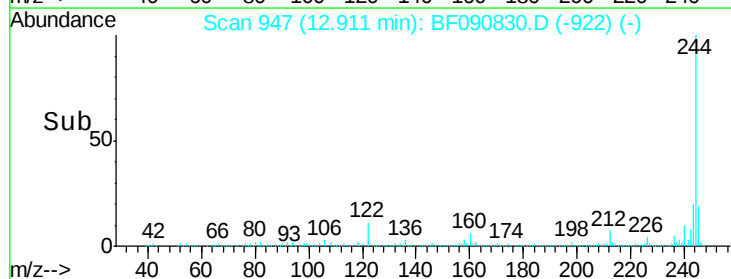
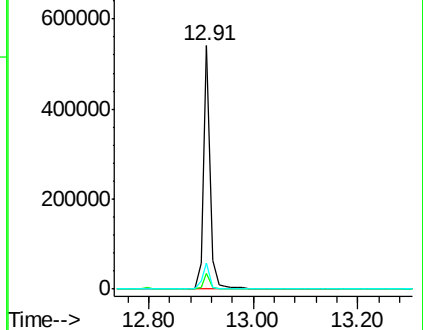
122 10.8 17.4 26.2#

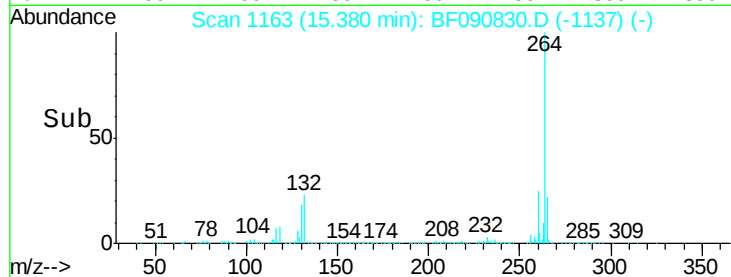
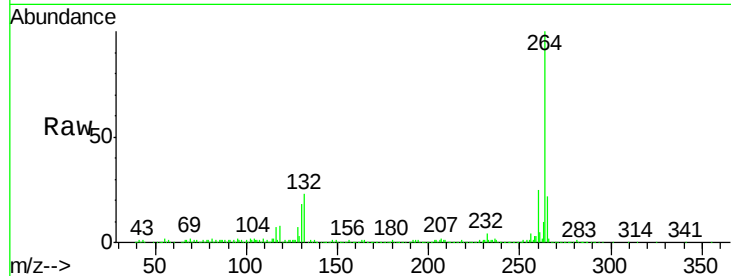
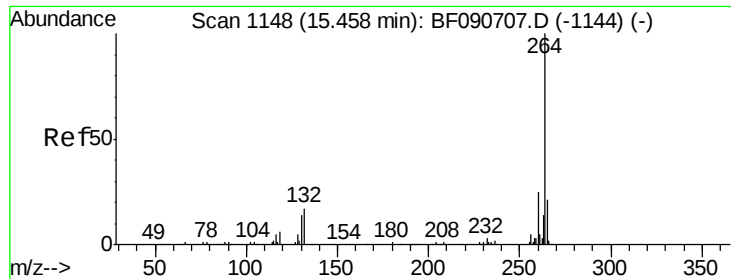


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090830.D

Acq: 26 Oct 2016 1:38

Instrument :

BNA_F

ClientSampleId :

P2-S2

Tot Ion: 264 Resp: 377789

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 22.0 17.2 25.8

