

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080940.D
 Acq On : 8 Aug 2015 00:05
 Operator : TP/UM
 Sample : PB84904BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BL

Quant Time: Aug 08 04:04:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	48521	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	179005	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	85463	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	199714	20.00	ng	0.00
75) Chrysene-d12	13.95	240	158240	20.00	ng	-0.01
86) Perylene-d12	15.36	264	114710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	241143	81.20	ng	0.02
7) Phenol-d6	6.43	99	292588	71.90	ng	-0.01
23) Nitrobenzene-d5	7.37	82	212566	56.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	72589	77.31	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	364604	60.06	ng	0.00
78) Terphenyl-d14	12.91	244	414000	54.04	ng	0.00

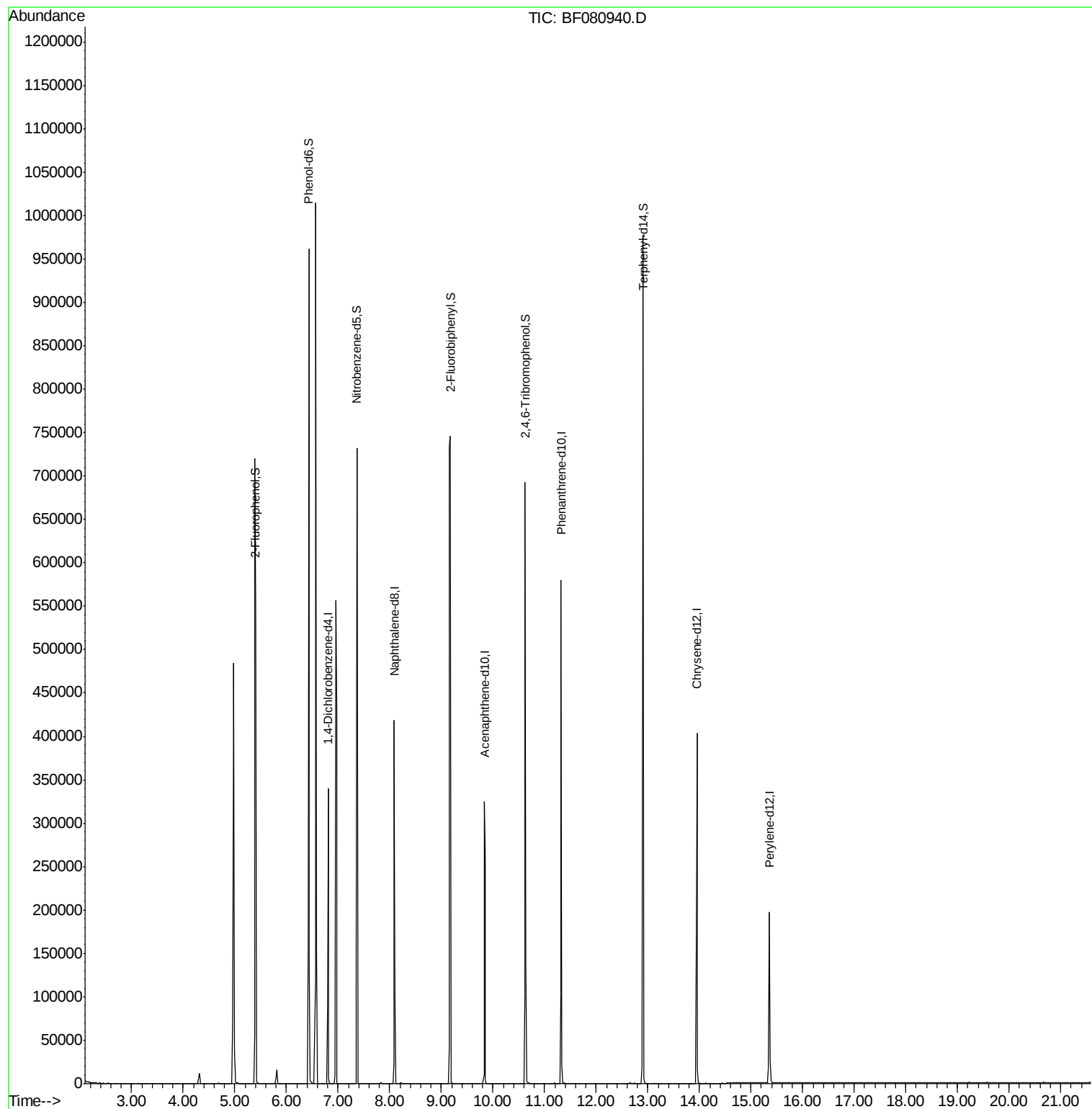
Target Compounds Qvalue

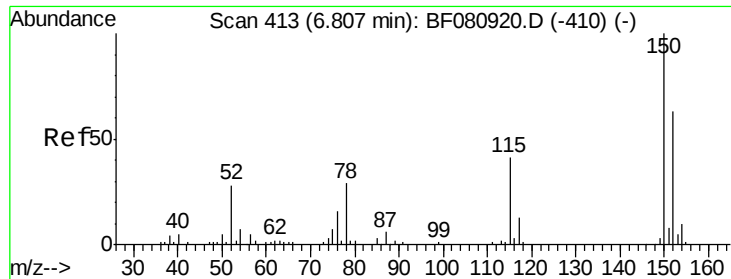
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Instrument :

BNA_F

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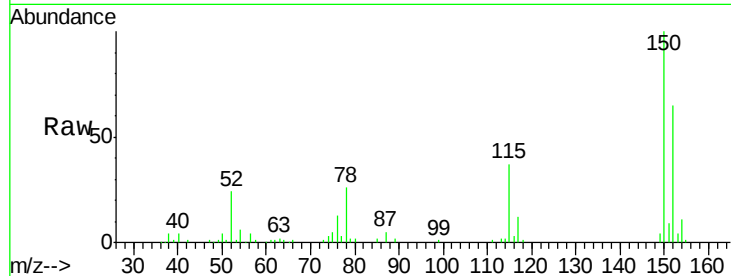
Tot Ion:152 Resp: 48521

Ion Ratio Lower Upper

152 100

150 153.6 127.4 191.2

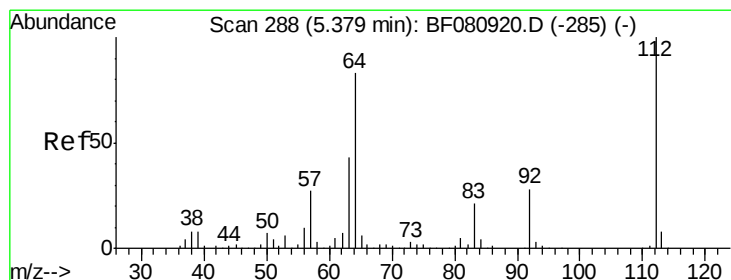
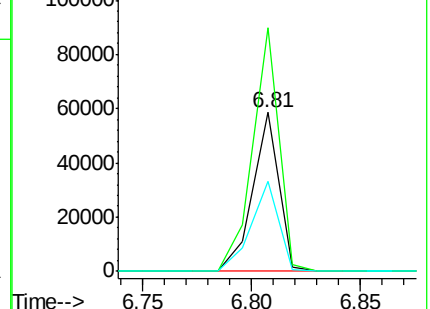
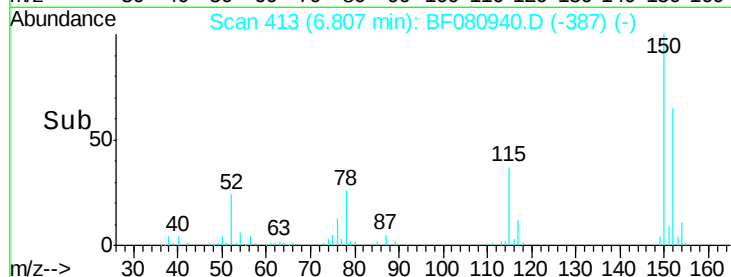
115 57.0 52.6 78.8



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: 81.20 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

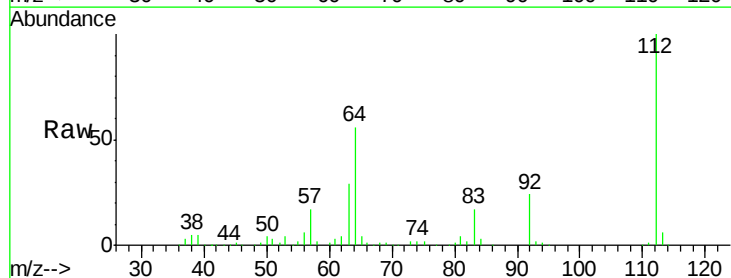
Tgt Ion:112 Resp: 241143

Ion Ratio Lower Upper

112 100

64 56.2 66.1 99.1#

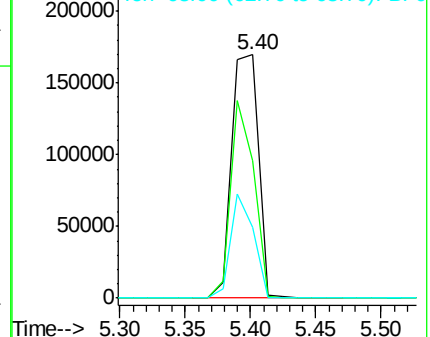
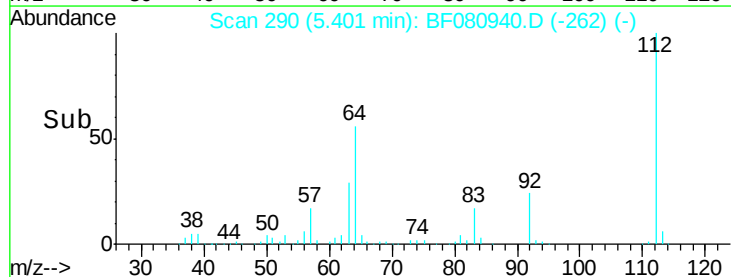
63 29.1 34.6 52.0#

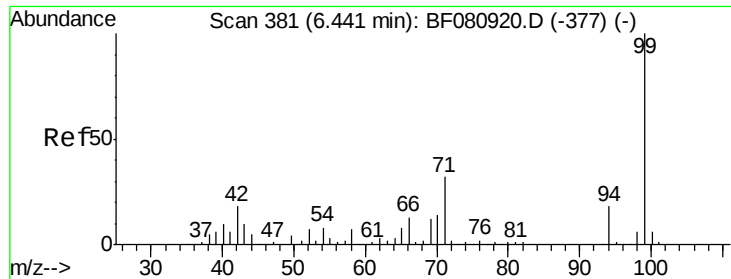


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.90 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Instrument :

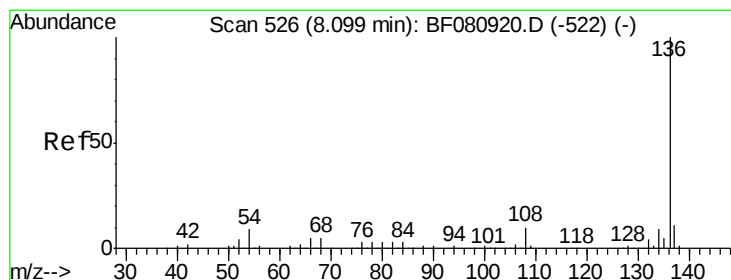
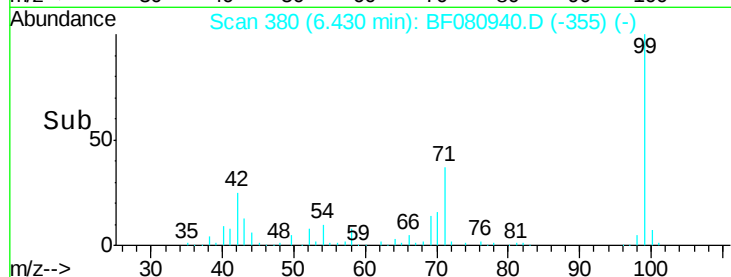
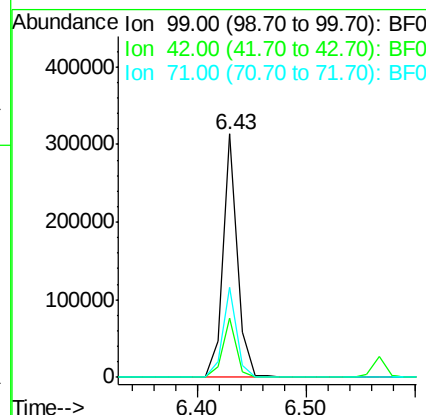
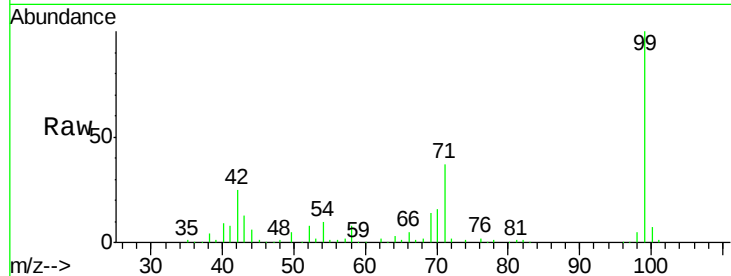
BNA_F

ClientSampled :

PB84904BL

Tot Ion: 99 Resp: 292588

Ion	Ratio	Lower	Upper
99	100		
42	24.6	14.4	21.6#
71	37.0	25.8	38.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

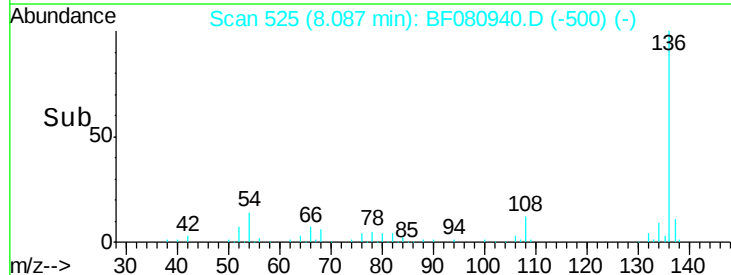
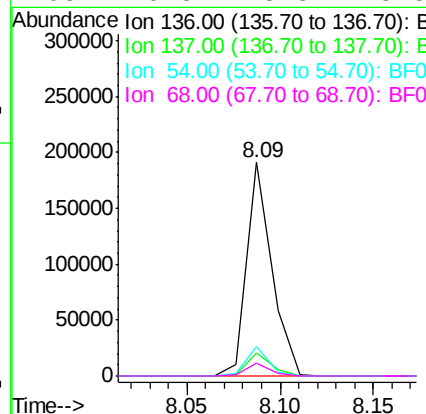
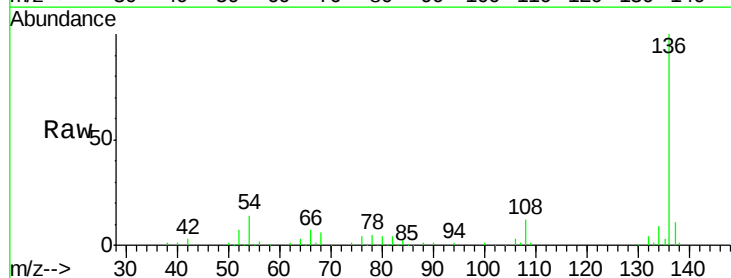
Delta R.T. -0.01 min

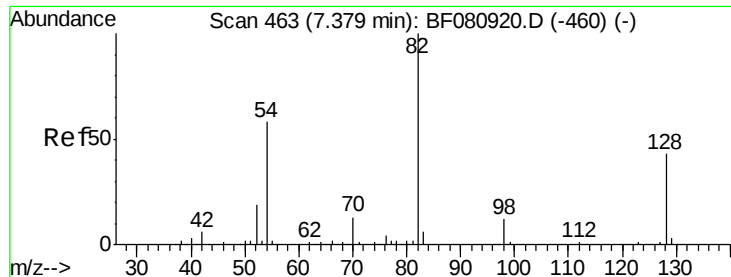
Lab File: BF080940.D

Acq: 8 Aug 2015 00:05

Tgt Ion: 136 Resp: 179005

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	13.5	7.1	10.7#
68	6.3	3.8	5.8#

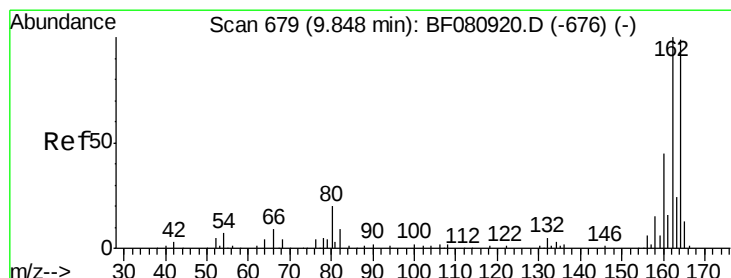
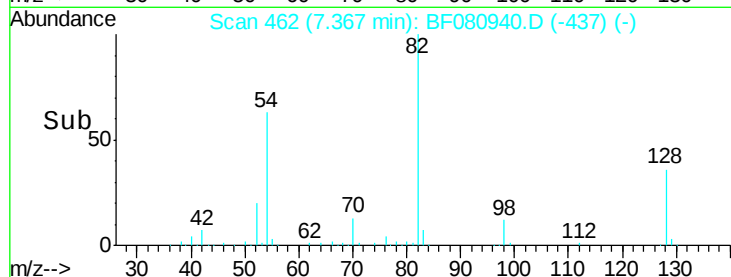
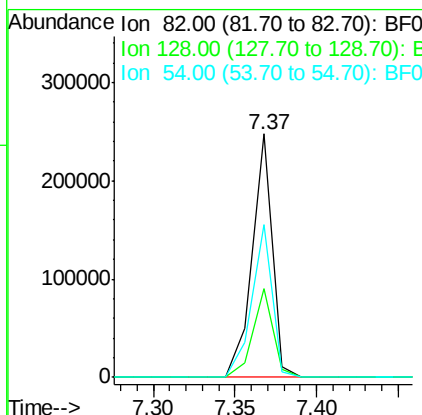
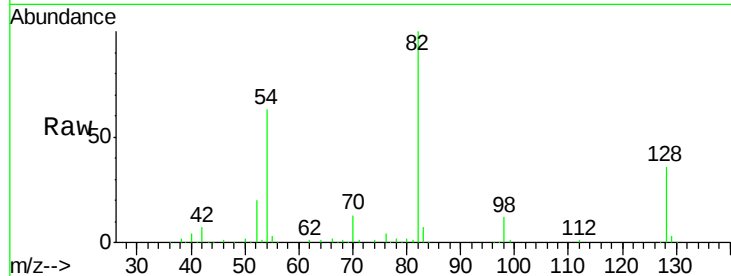




#23
 Nitrobenzene-d5
 Concen: 56.17 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

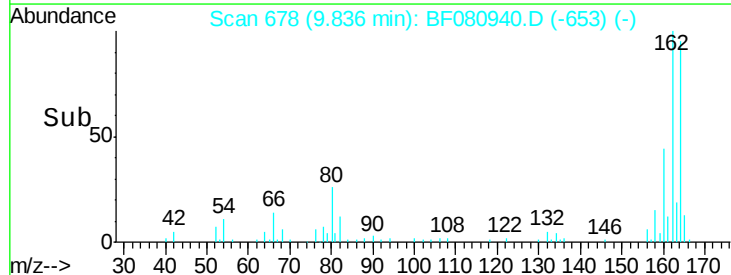
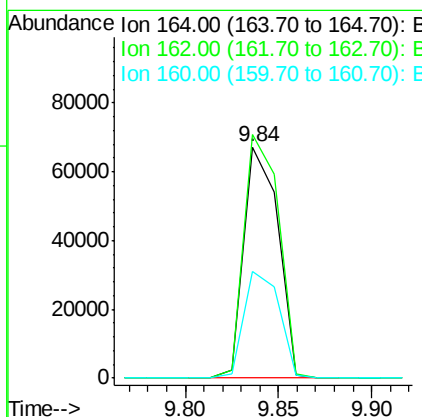
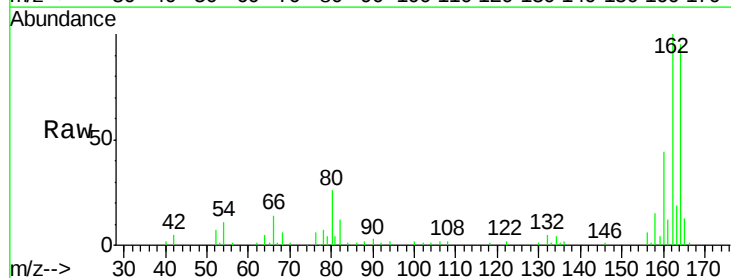
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BL

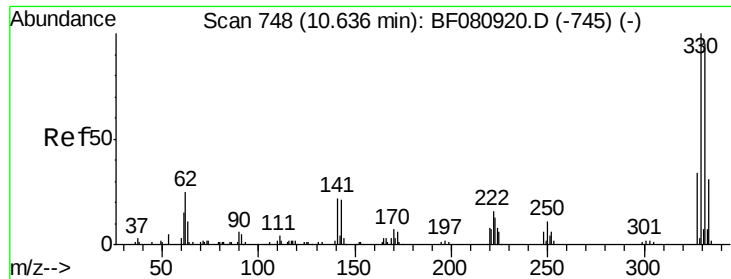
Tot Ion	82	Resp	212566
Ion Ratio	Lower	Upper	
82	100		
128	36.4	34.1	51.1
54	62.9	46.5	69.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion	164	Resp	85463
Ion Ratio	Lower	Upper	
164	100		
162	105.2	80.5	120.7
160	45.9	36.6	54.8

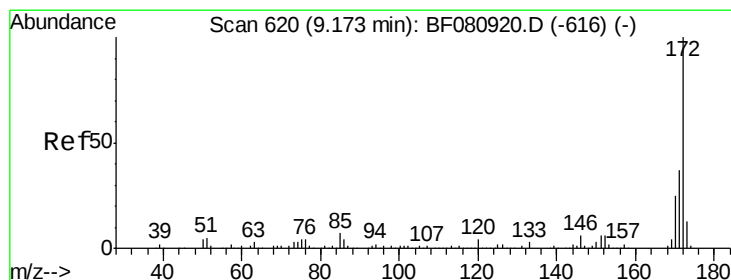
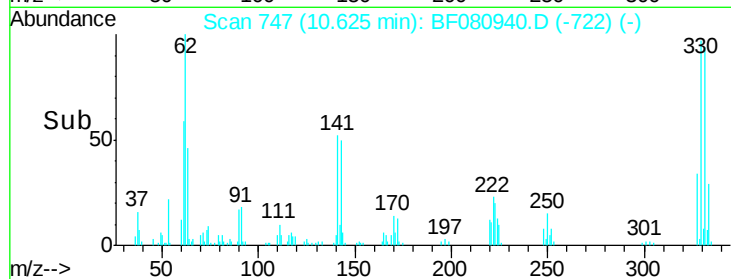
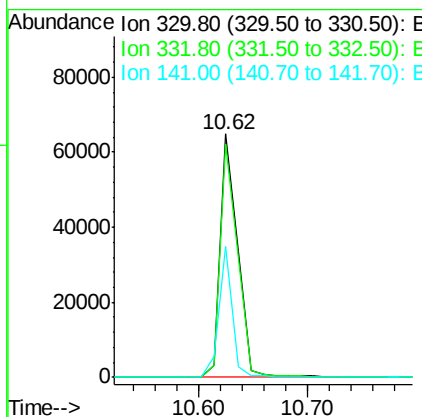
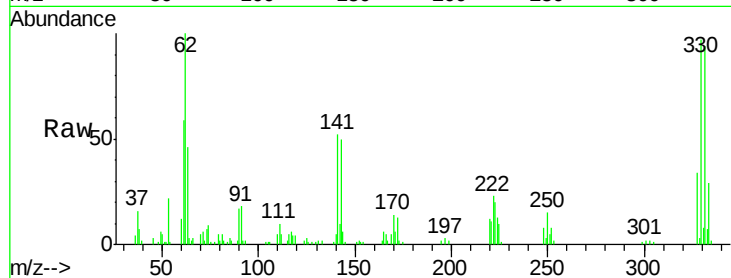




#41
 2,4,6-Tribromophenol
 Concen: 77.31 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

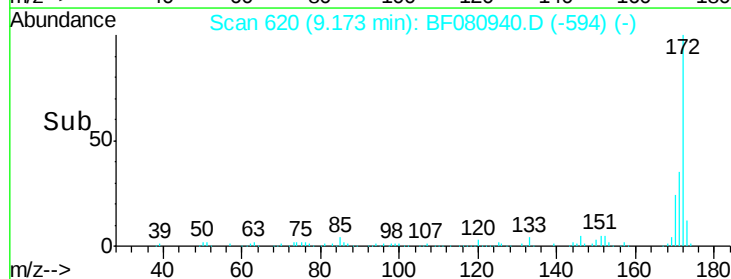
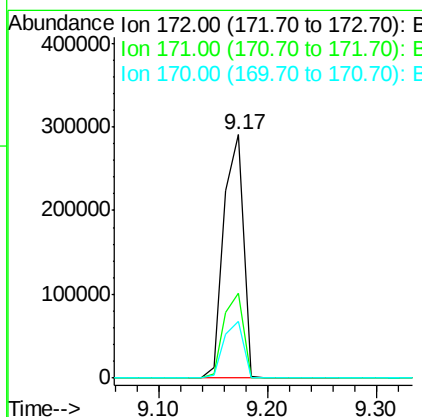
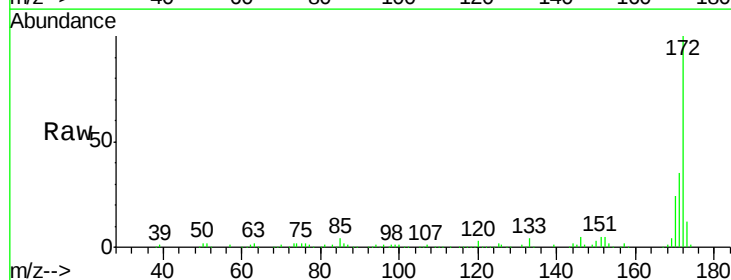
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BL

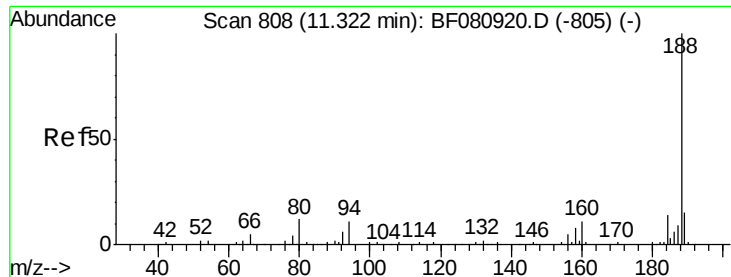
Tot Ion:330 Resp: 72589
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 41.8 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 60.06 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion:172 Resp: 364604
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.6 19.7 29.5

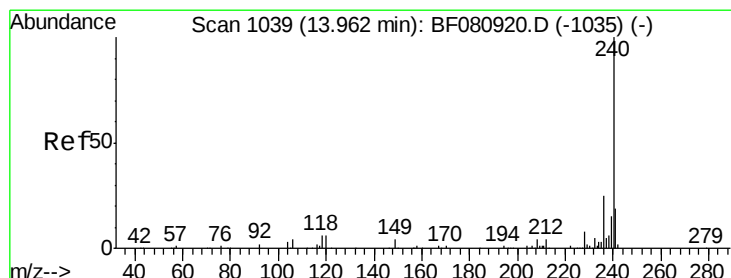
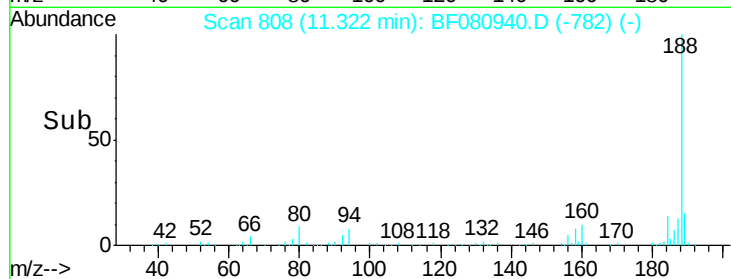
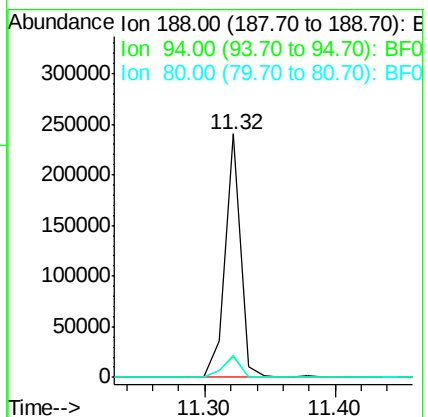
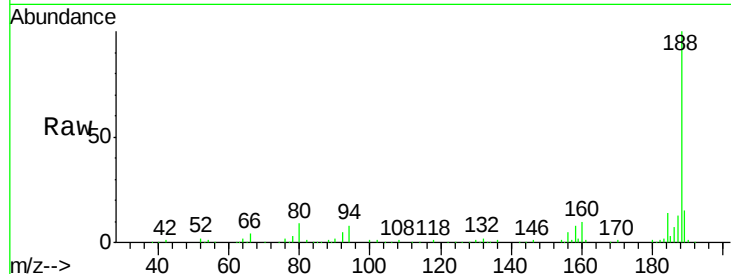




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

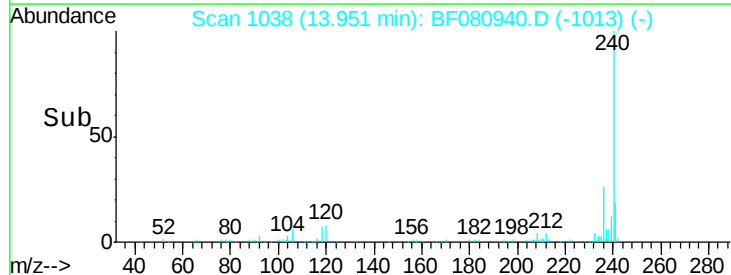
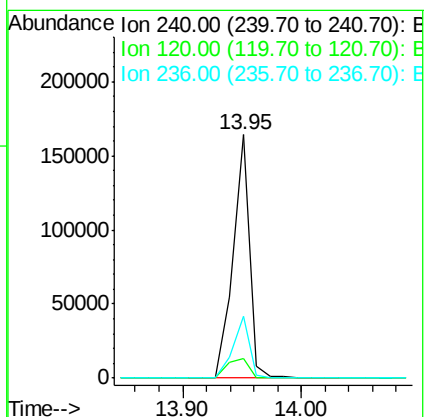
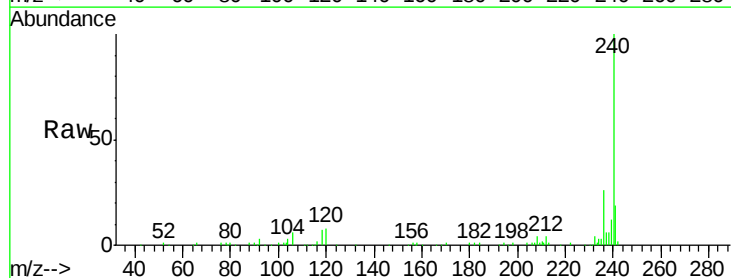
Instrument :
BNA_F
ClientSampleId :
PB84904BL

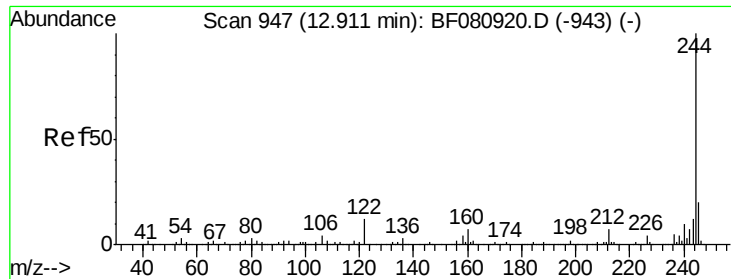
Tot Ion:188 Resp: 199714
Ion Ratio Lower Upper
188 100
94 8.4 8.8 13.2#
80 9.0 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080940.D
Acq: 8 Aug 2015 00:05

Tgt Ion:240 Resp: 158240
Ion Ratio Lower Upper
240 100
120 8.0 5.2 7.8#
236 25.6 20.2 30.4

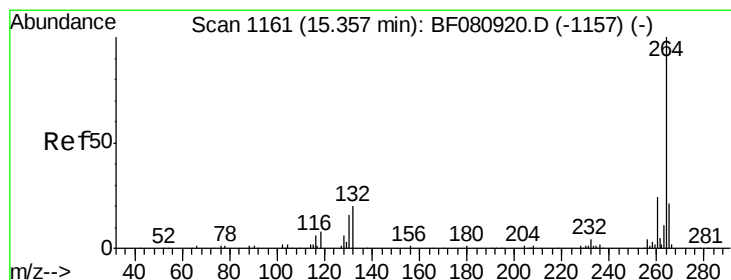
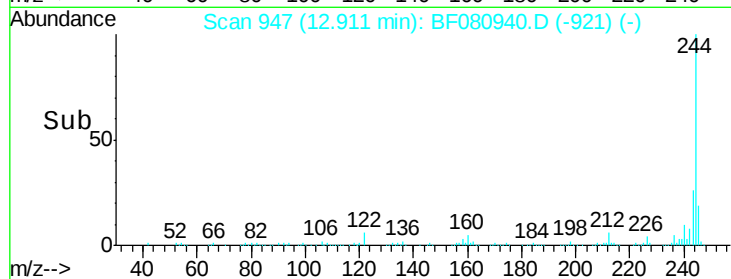
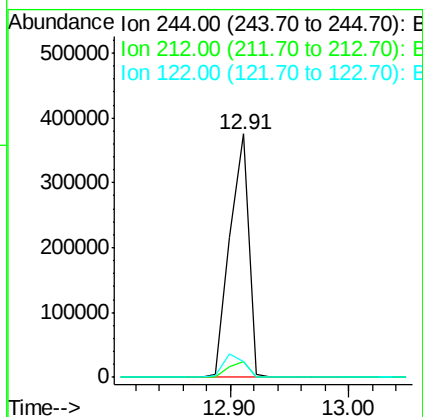
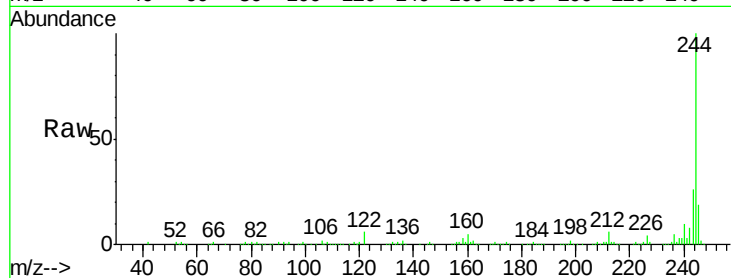




#78
 Terphenyl-d14
 Concen: 54.04 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Instrument :
 BNA_F
 ClientSampleID :
 PB84904BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	6.3	9.4	14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080940.D
 Acq: 8 Aug 2015 00:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	20.9	17.0	25.4

