

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090566.D
 Acq On : 14 Oct 2016 13:22
 Operator : UM/SJ
 Sample : H4977-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15T

Quant Time: Oct 14 15:15:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

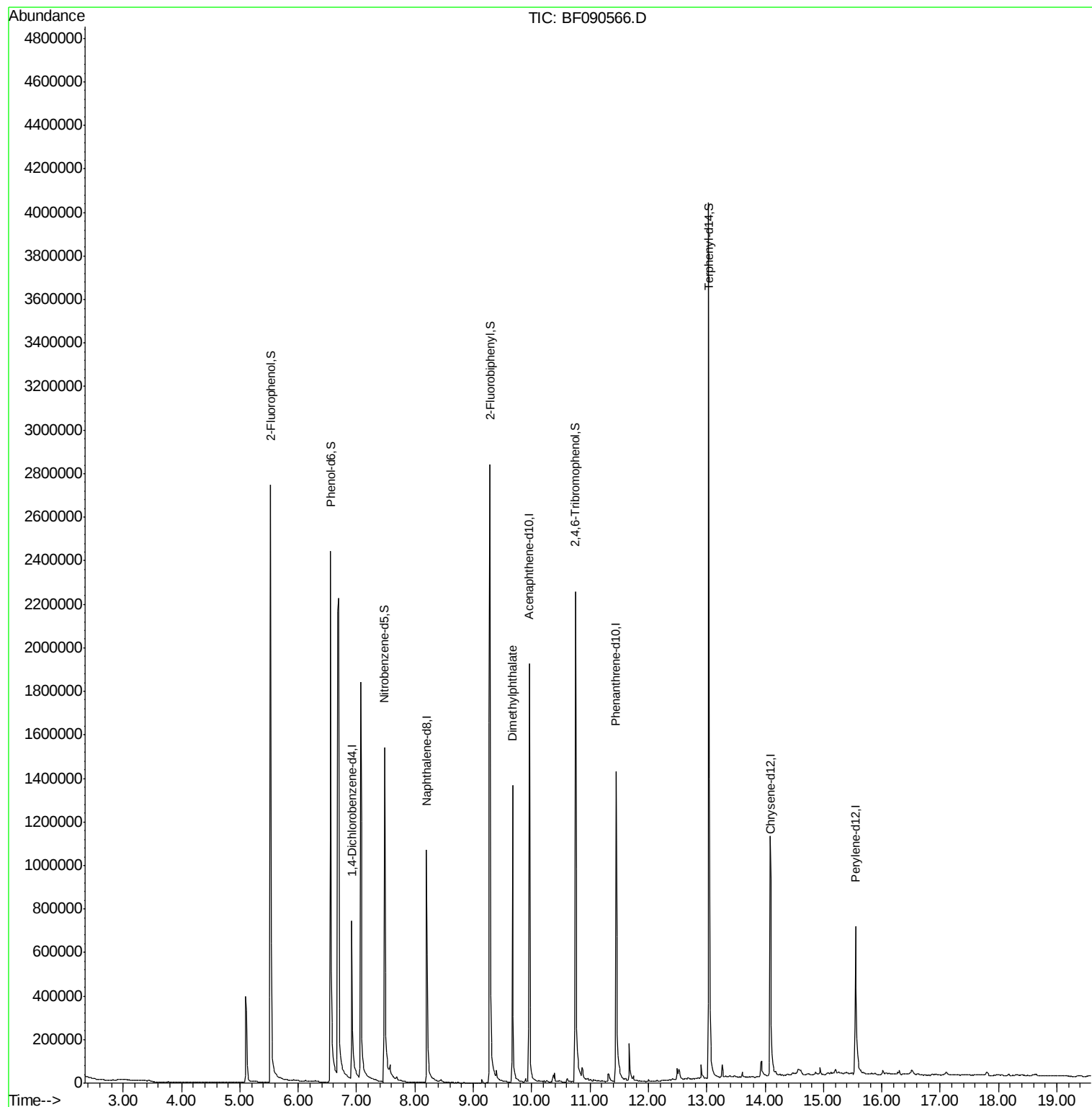
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	189600	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	797599	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	462202	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	796392	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	592986	20.00	ng	0.00
86) Perylene-d12	15.55	264	398023	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	984433	95.19	ng	0.00
7) Phenol-d6	6.55	99	1430240	93.07	ng	0.00
23) Nitrobenzene-d5	7.48	82	779141	54.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	403097	97.82	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1407777	50.19	ng	0.00
78) Terphenyl-d14	13.04	244	1462318	57.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	667793	22.27	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

Instrument :

BNA_F

ClientSampleId :

15T

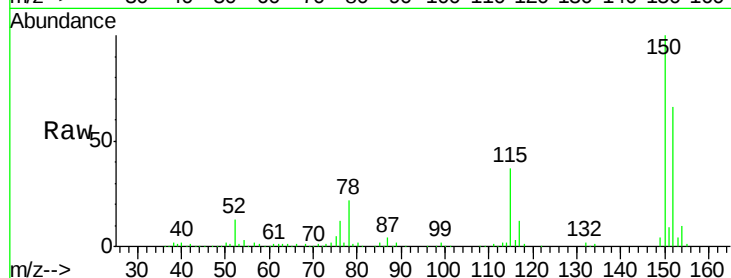
Tot Ion:152 Resp: 189600

Ion Ratio Lower Upper

152 100

150 152.3 127.2 190.8

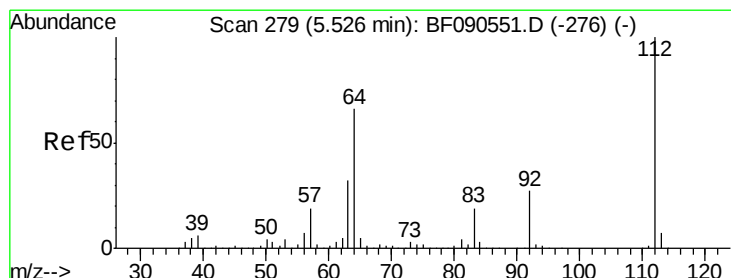
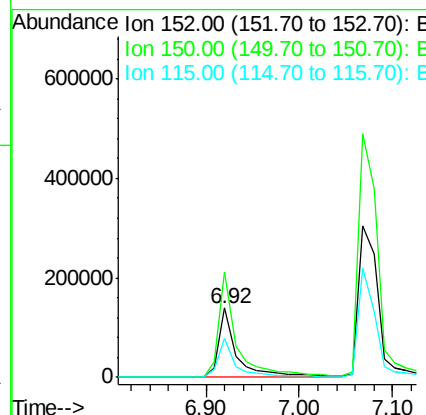
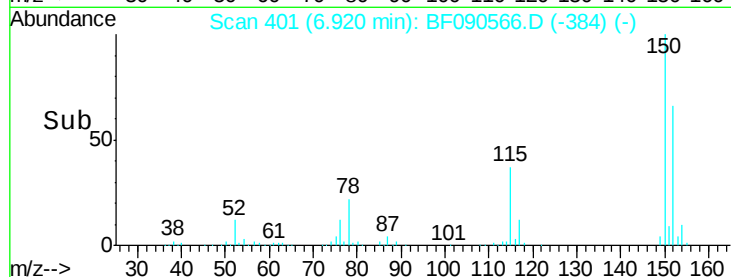
115 56.0 58.6 88.0#



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: 95.19 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

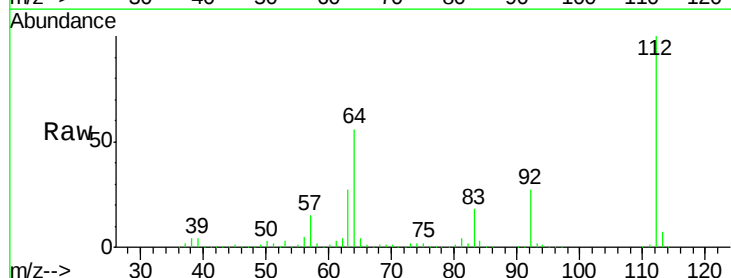
Tgt Ion:112 Resp: 984433

Ion Ratio Lower Upper

112 100

64 55.7 52.6 78.8

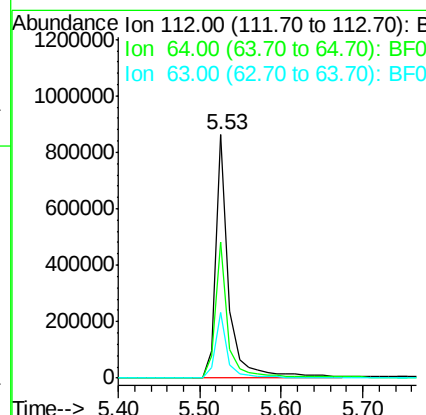
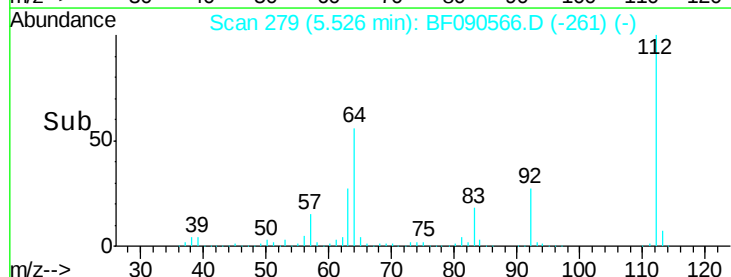
63 27.2 26.0 39.0

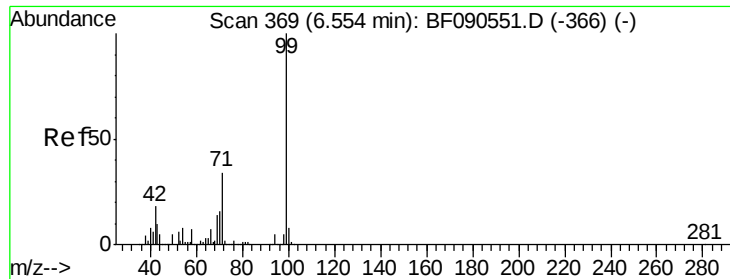


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.07 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

Instrument :

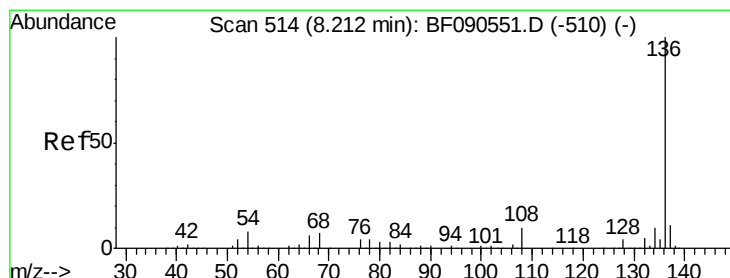
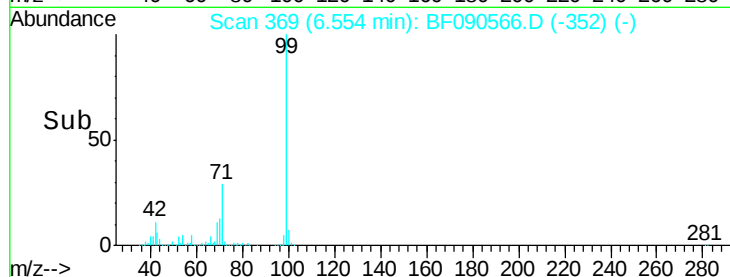
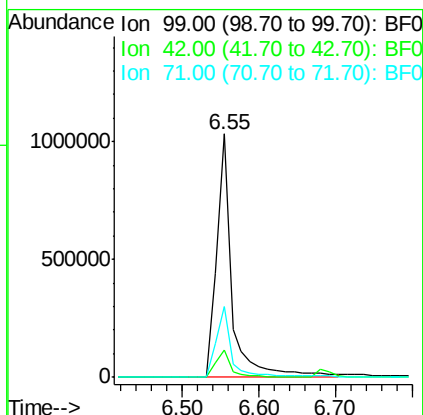
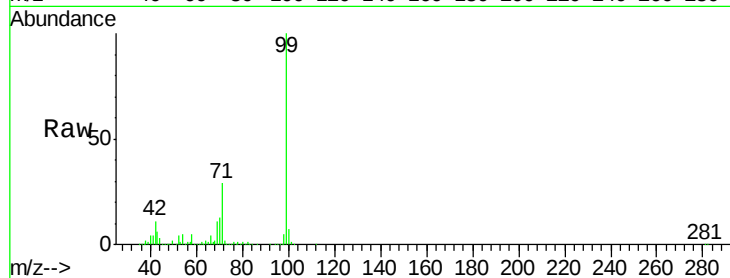
BNA_F

ClientSampled :

15T

Tot Ion: 99 Resp: 1430240

Ion	Ratio	Lower	Upper
99	100		
42	11.0	14.7	22.1#
71	29.1	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

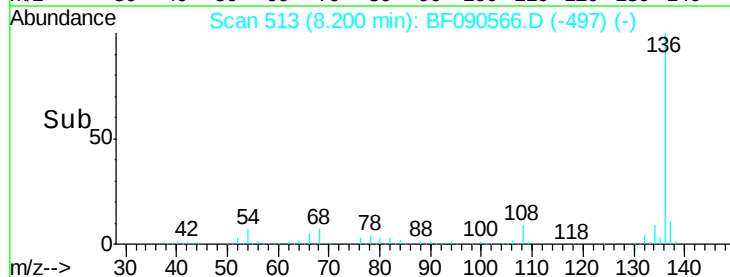
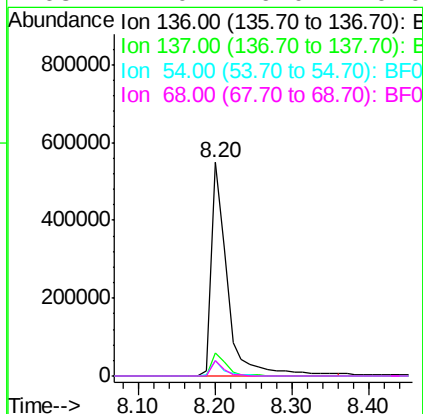
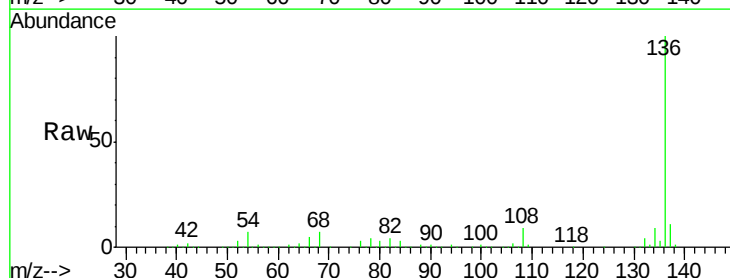
Delta R.T. -0.01 min

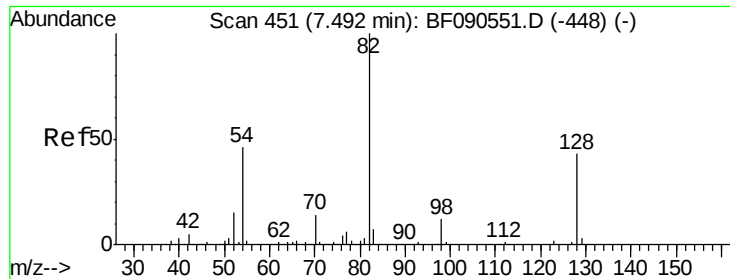
Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

Tgt Ion: 136 Resp: 797599

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.8	10.2
68	7.0	6.0	9.0

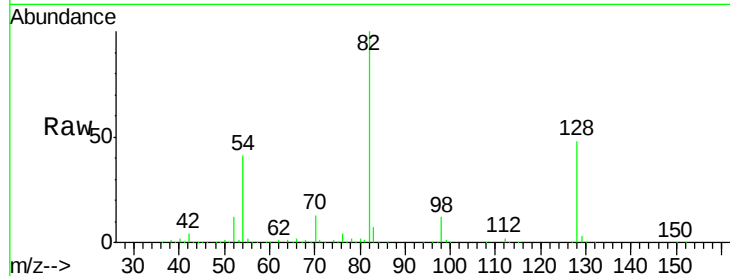




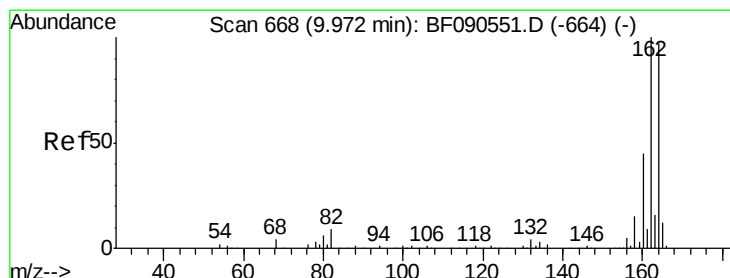
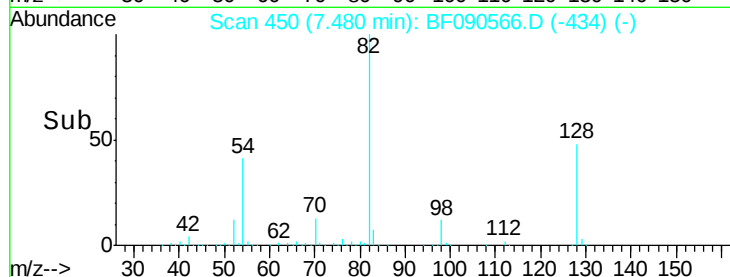
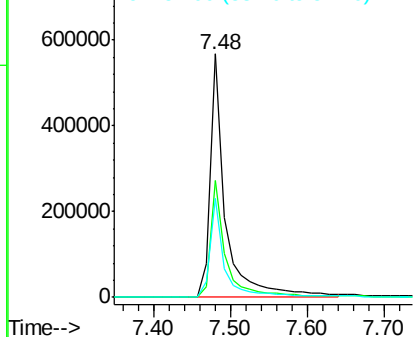
#23
 Nitrobenzene-d5
 Concen: 54.26 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090566.D
 Acq: 14 Oct 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 15T

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.3	51.5
54	40.6	37.0	55.6

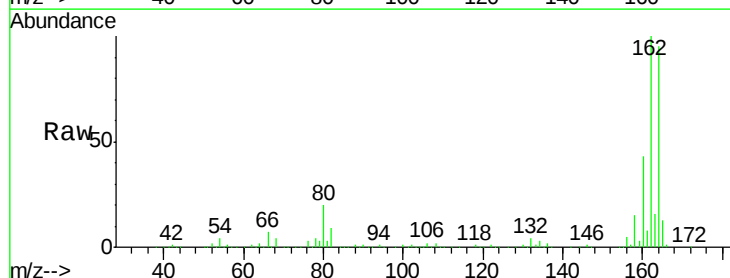


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

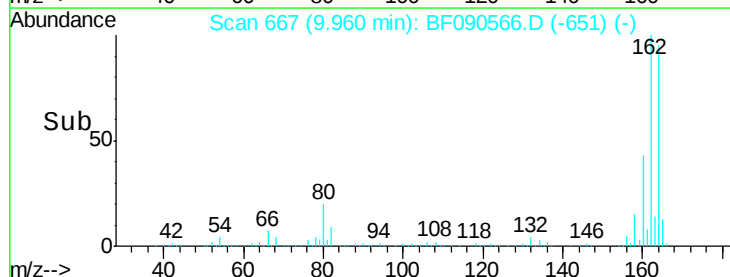
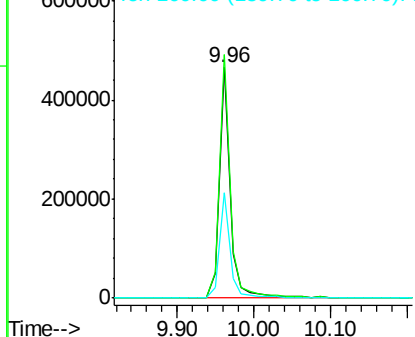


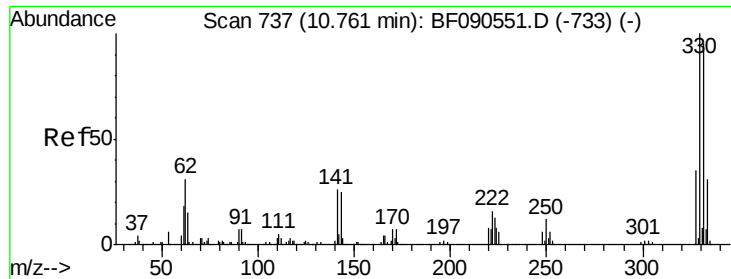
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090566.D
 Acq: 14 Oct 2016 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.2	123.4
160	45.4	36.6	55.0



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

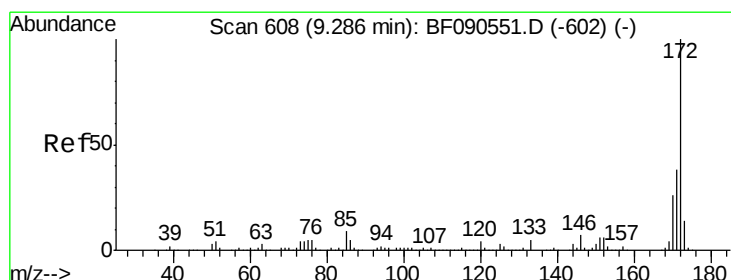
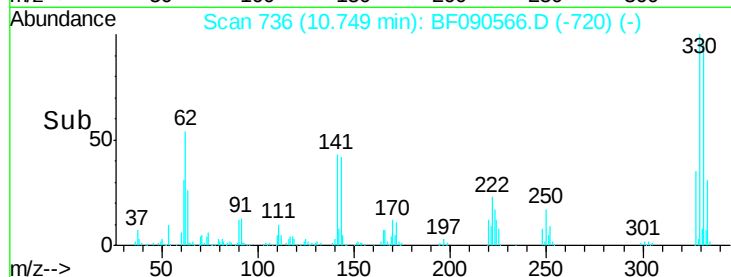
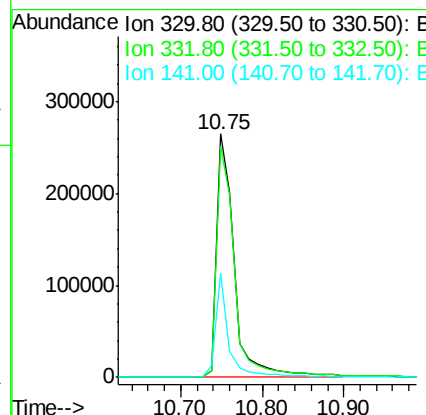
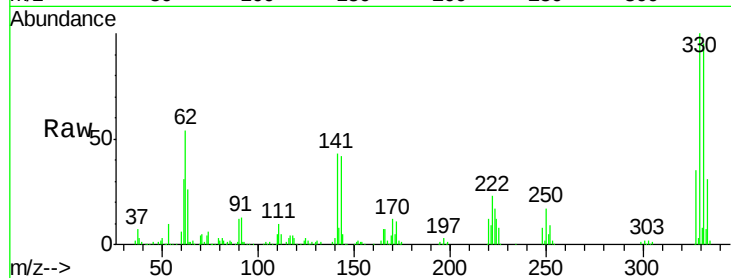




#41
 2,4,6-Tribromophenol
 Concen: 97.82 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090566.D
 Acq: 14 Oct 2016 13:22

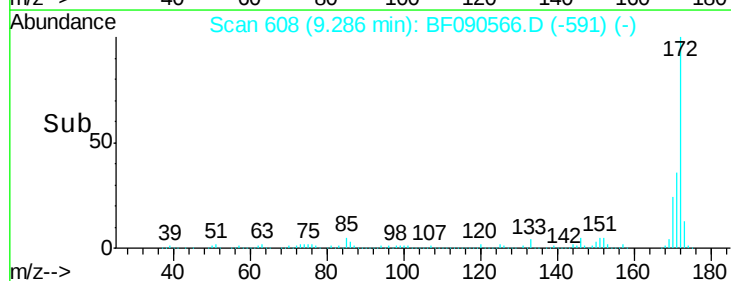
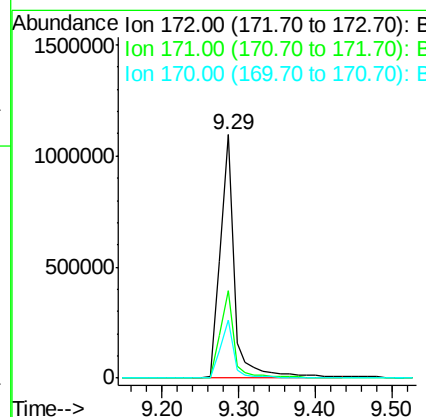
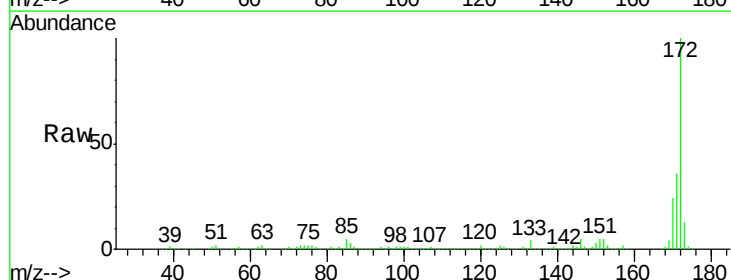
Instrument :
 BNA_F
 ClientSampleId :
 15T

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.2
141	32.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 50.19 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090566.D
 Acq: 14 Oct 2016 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.1	45.1
170	23.9	20.6	30.8





#49

Dimethylphthalate

Concen: 22.27 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

Instrument :

BNA_F

ClientSampleId :

15T

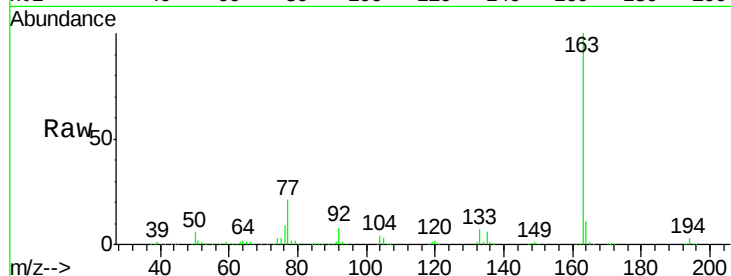
Tot Ion:163 Resp: 667793

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

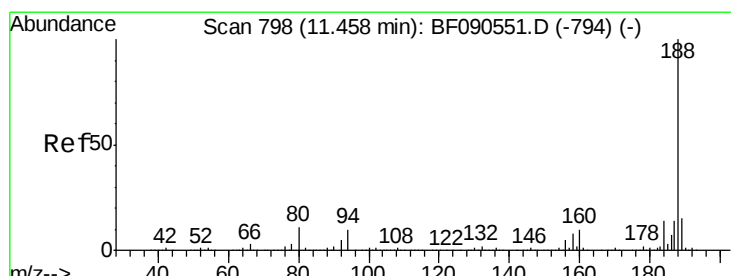
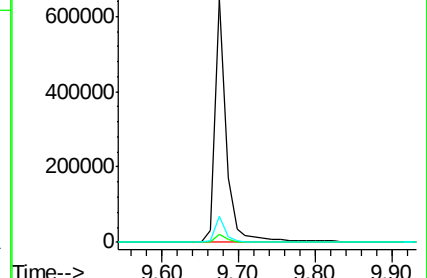
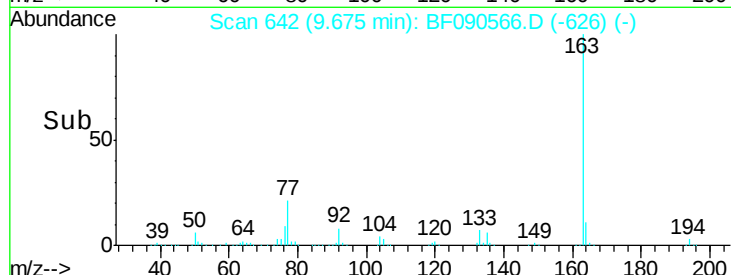
164 10.5 8.6 13.0



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: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

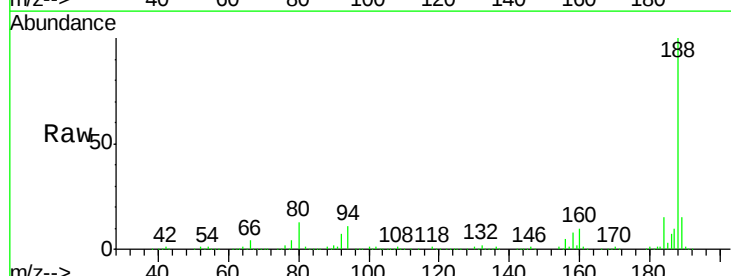
Tgt Ion:188 Resp: 796392

Ion Ratio Lower Upper

188 100

94 11.4 7.7 11.5

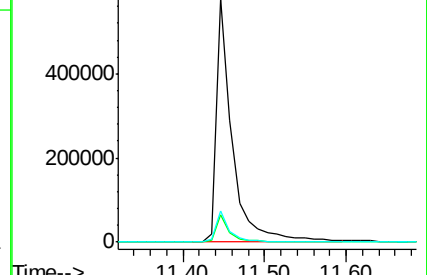
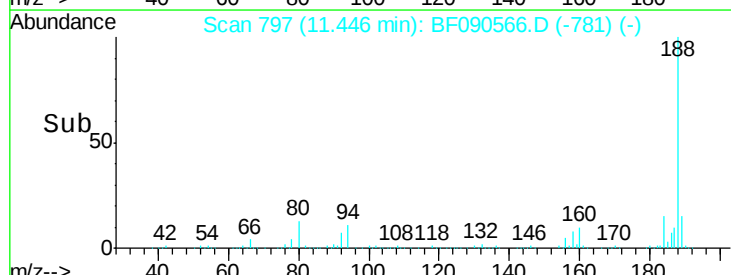
80 12.6 8.6 12.8

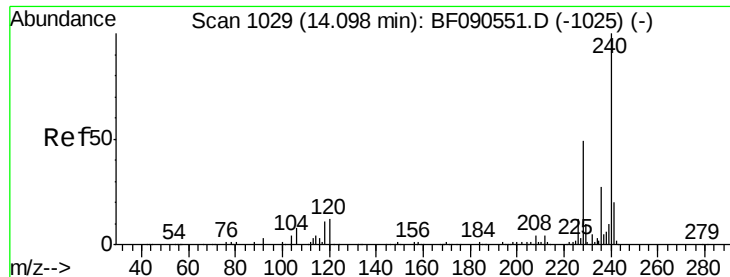


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

Instrument :

BNA_F

ClientSampleId :

15T

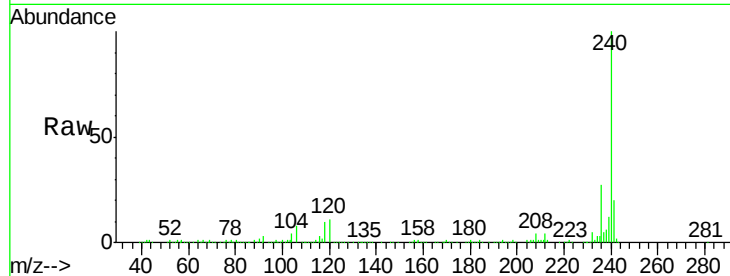
Tot Ion:240 Resp: 592986

Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

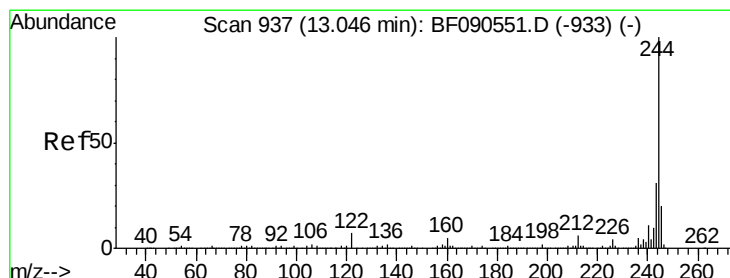
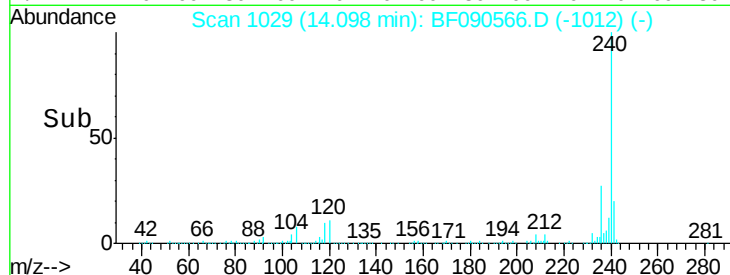
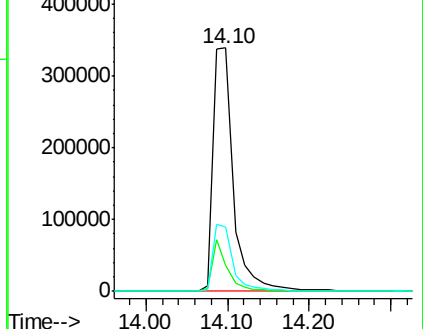
236 26.6 21.7 32.5



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: 57.42 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090566.D

Acq: 14 Oct 2016 13:22

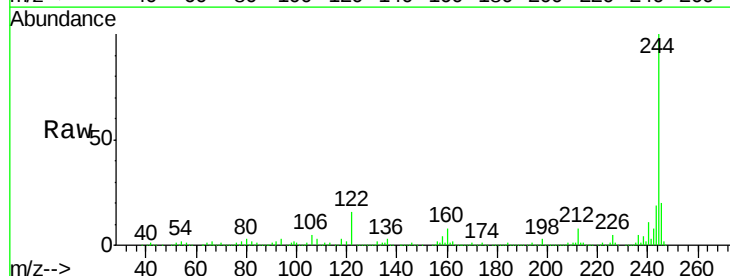
Tgt Ion:244 Resp: 1462318

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

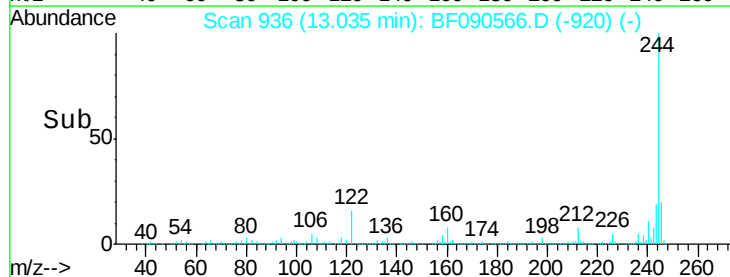
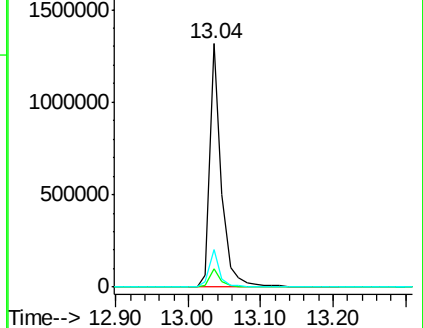
122 15.6 5.6 8.4#

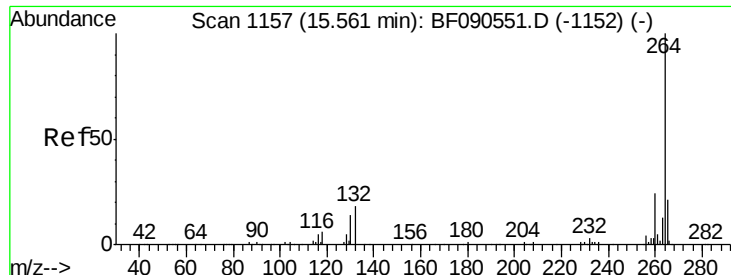


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090566.D
Acq: 14 Oct 2016 13:22

Instrument :
BNA_F
ClientSampleId :
15T

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.2	16.7	25.1

