

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090621.D
 Acq On : 17 Oct 2016 21:30
 Operator : UM/SJ
 Sample : H5228-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Quant Time: Oct 18 01:43:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

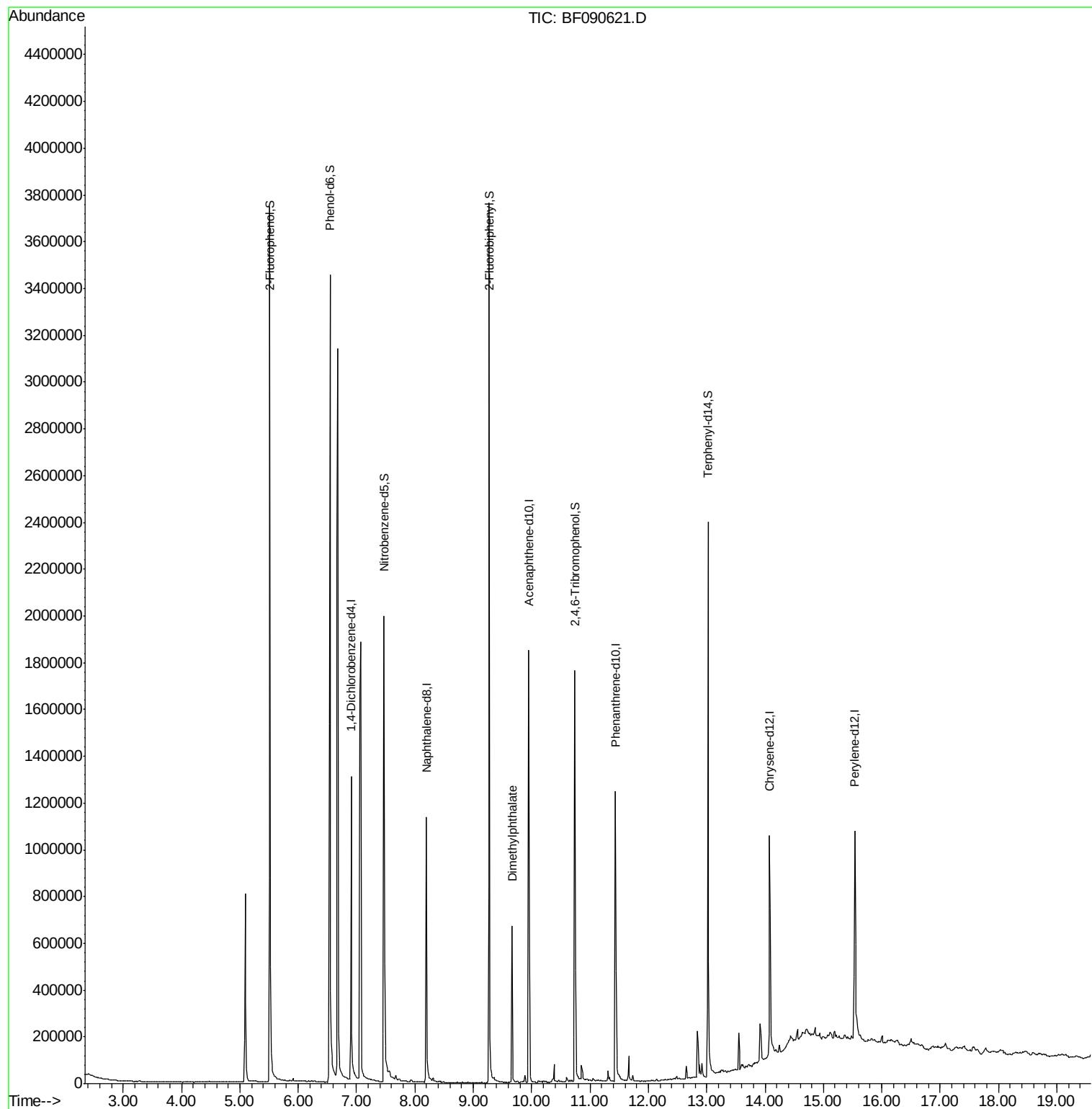
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	210347	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	807371	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	383450	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	502770	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	458907	20.00	ng	-0.01
86) Perylene-d12	15.54	264	424160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1025855	89.41	ng	0.00
7) Phenol-d6	6.54	99	1470921	86.27	ng	0.00
23) Nitrobenzene-d5	7.47	82	817392	56.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	186810	54.65	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1139159	48.95	ng	0.00
78) Terphenyl-d14	13.02	244	784967	39.83	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	237560	9.55	ng	Qvalue 99

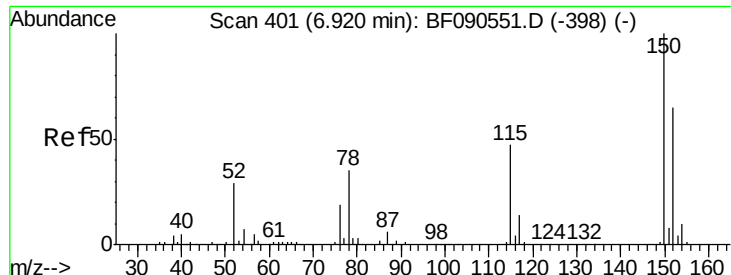
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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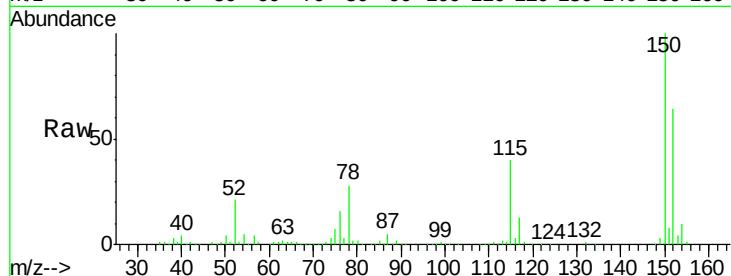


#1

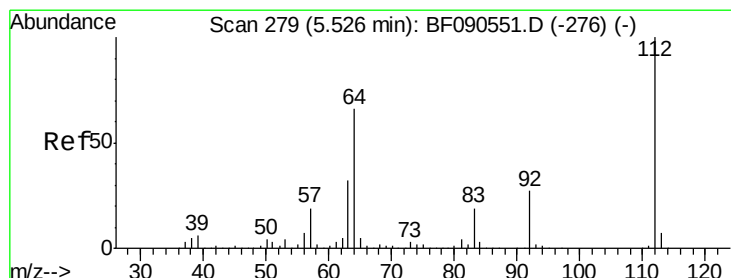
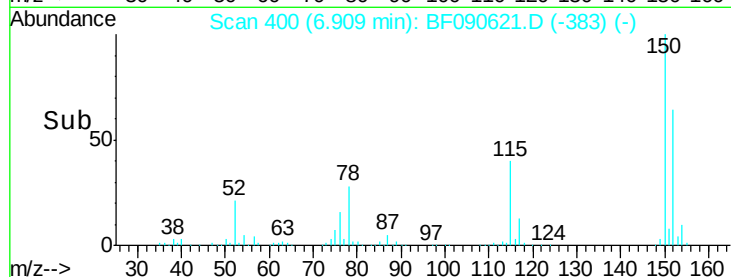
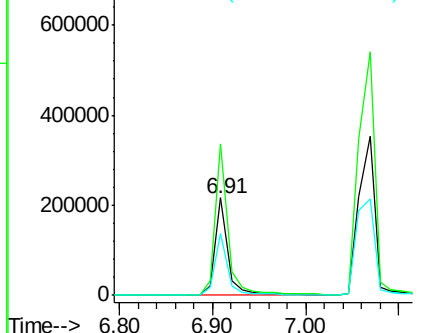
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090621.D
Acq: 17 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
5

Tot Ion:152 Resp: 210347
Ion Ratio Lower Upper
152 100
150 155.6 127.2 190.8
115 62.9 58.6 88.0



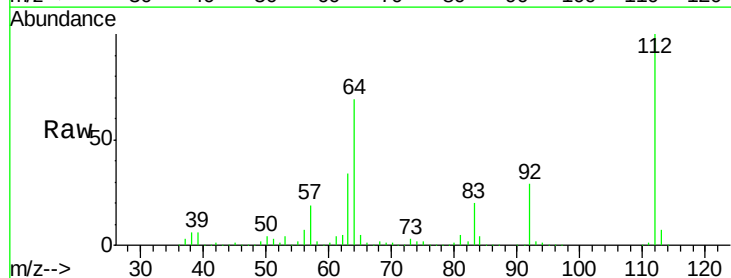
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



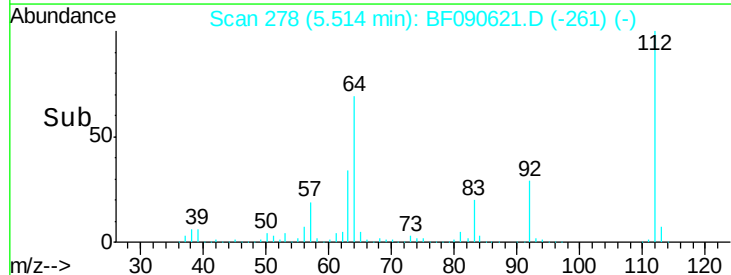
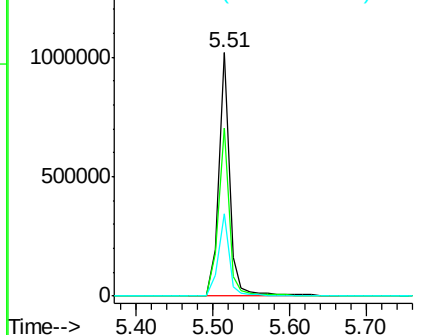
#5

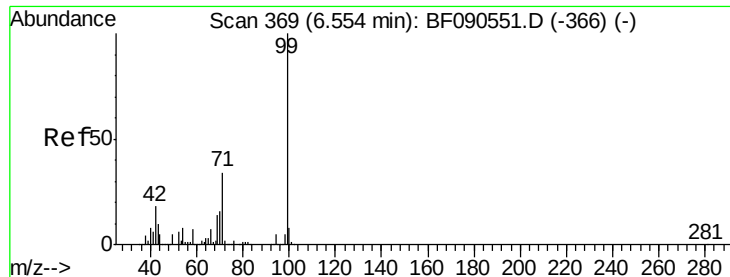
2-Fluorophenol
Concen: 89.41 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF090621.D
Acq: 17 Oct 2016 21:30

Tgt Ion:112 Resp: 1025855
Ion Ratio Lower Upper
112 100
64 69.3 52.6 78.8
63 33.8 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: 86.27 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

Instrument :

BNA_F

ClientSampleId :

5

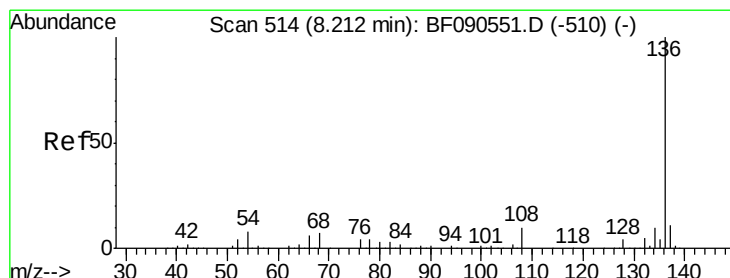
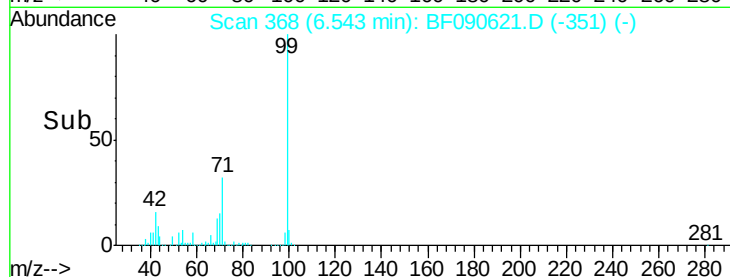
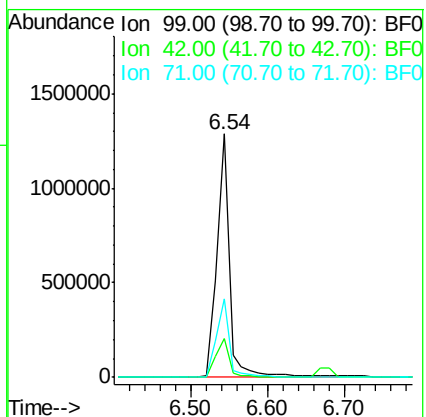
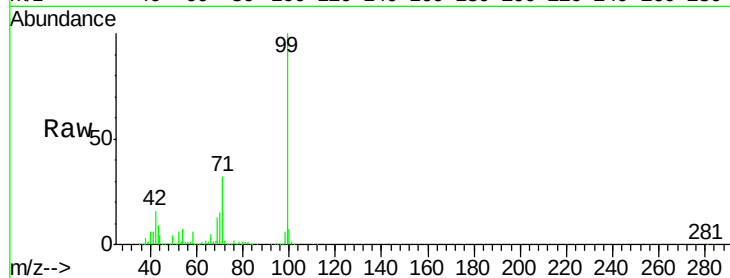
Tot Ion: 99 Resp: 1470921

Ion Ratio Lower Upper

99 100

42 15.9 14.7 22.1

71 32.4 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

Tgt Ion: 136 Resp: 807371

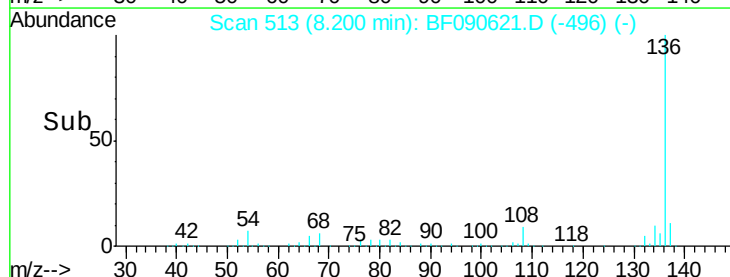
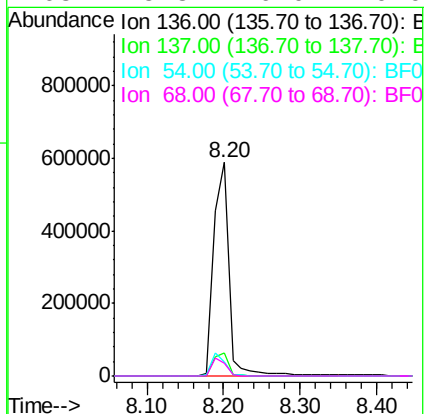
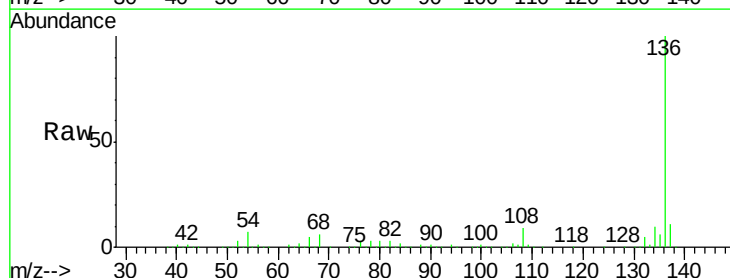
Ion Ratio Lower Upper

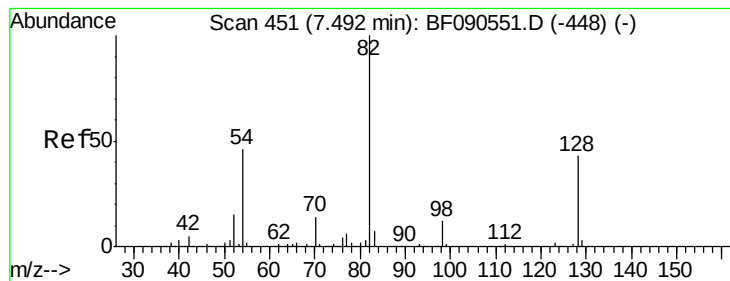
136 100

137 10.7 8.8 13.2

54 6.7 6.8 10.2#

68 5.8 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 56.24 ng

RT: 7.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

Instrument :

BNA_F

ClientSampled :

5

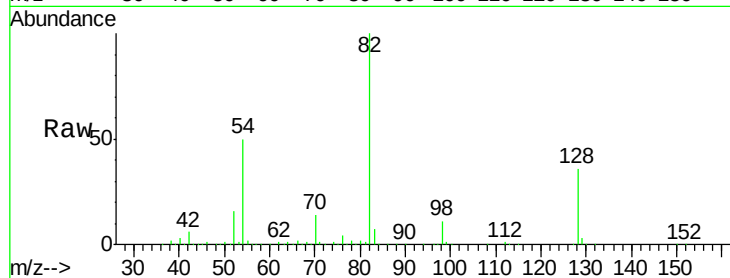
Tot Ion: 82 Resp: 817392

Ion Ratio Lower Upper

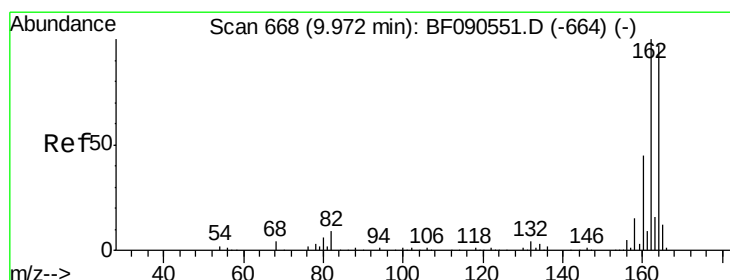
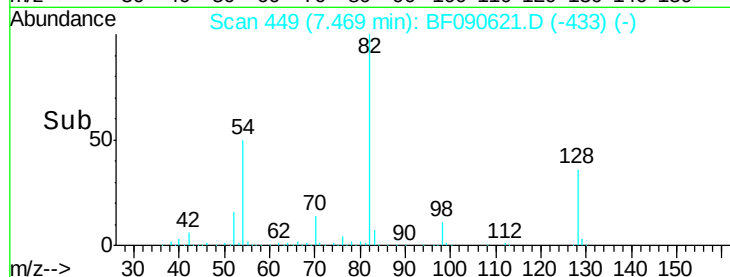
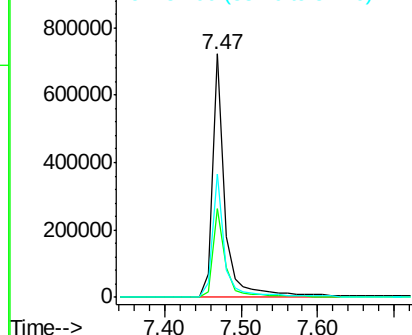
82 100

128 36.4 34.3 51.5

54 50.5 37.0 55.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

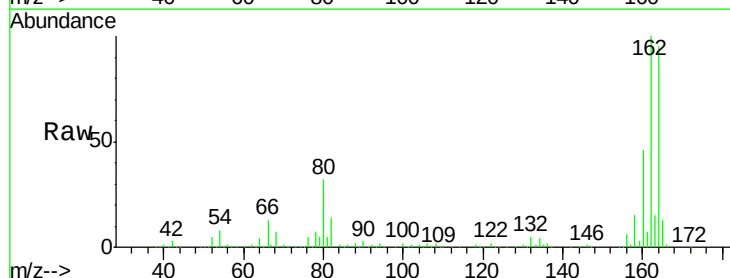
Tgt Ion:164 Resp: 383450

Ion Ratio Lower Upper

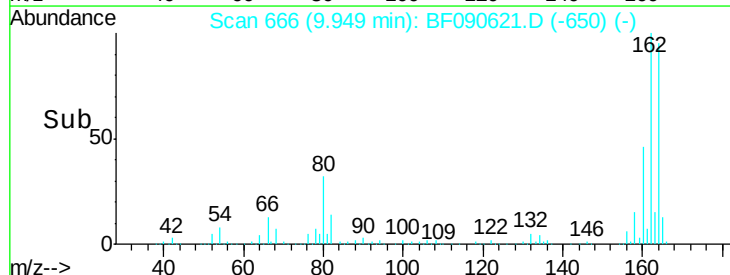
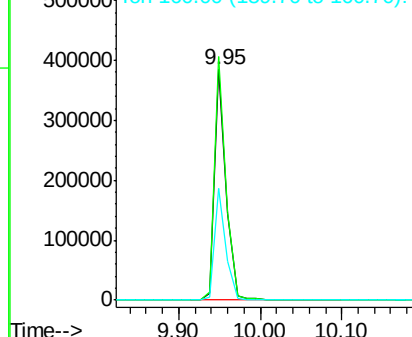
164 100

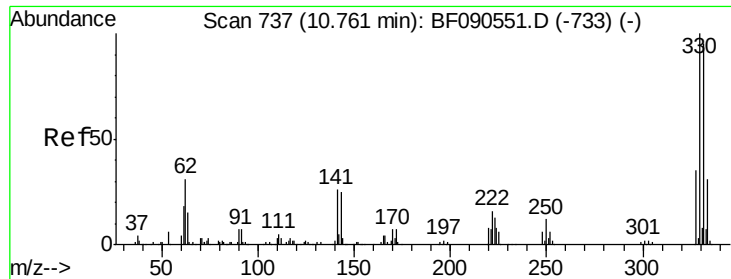
162 105.5 82.2 123.4

160 48.5 36.6 55.0



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

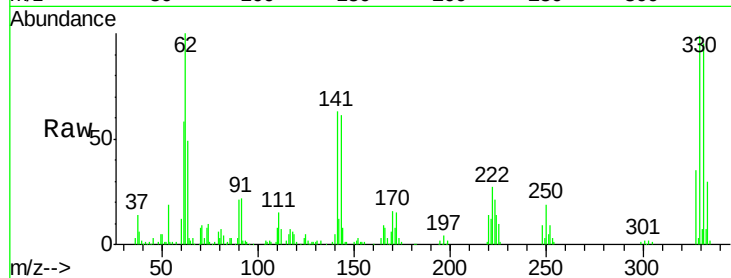




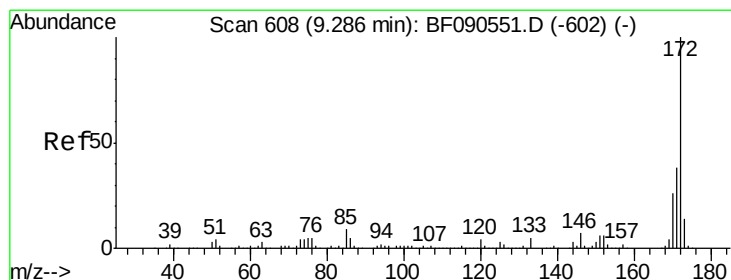
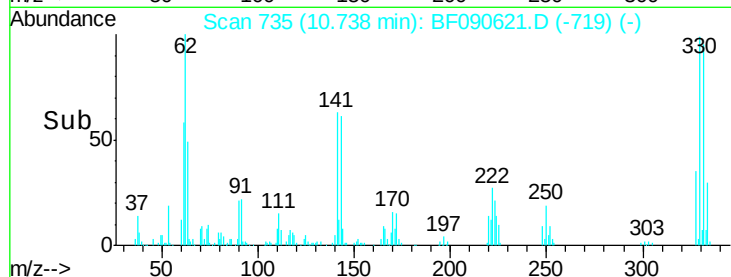
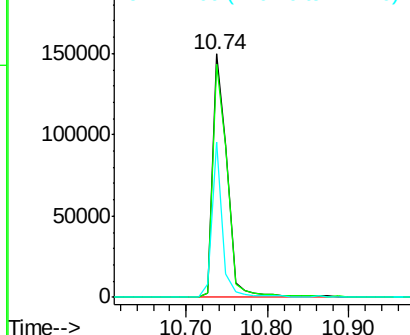
#41
 2,4,6-Tribromophenol
 Concen: 54.65 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090621.D
 Acq: 17 Oct 2016 21:30

Instrument :
 BNA_F
 ClientSampleId :
 5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.2
141	47.1	31.4	47.2

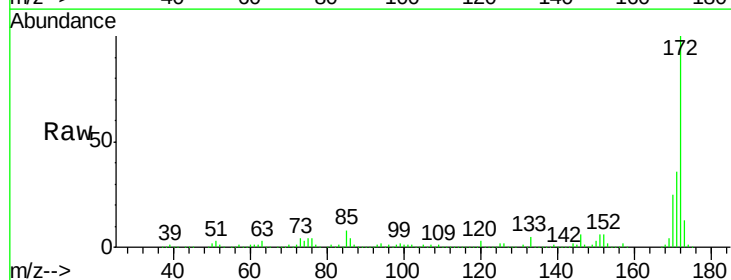


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

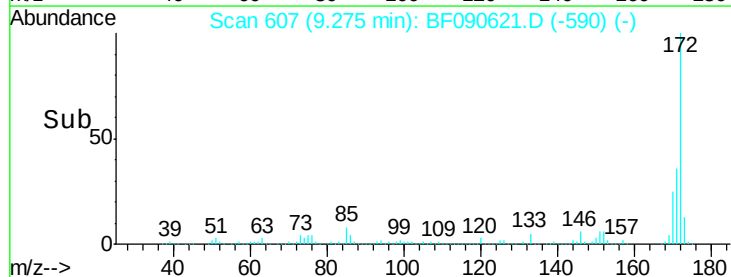
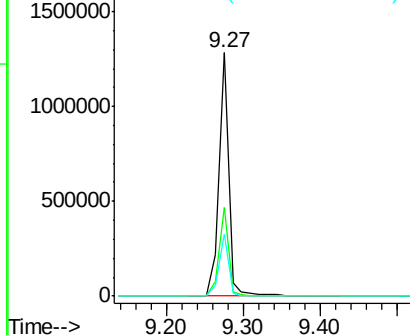


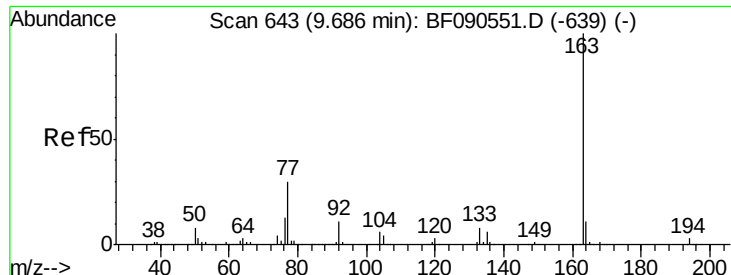
#44
 2-Fluorobiphenyl
 Concen: 48.95 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090621.D
 Acq: 17 Oct 2016 21:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.1	45.1
170	25.2	20.6	30.8



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

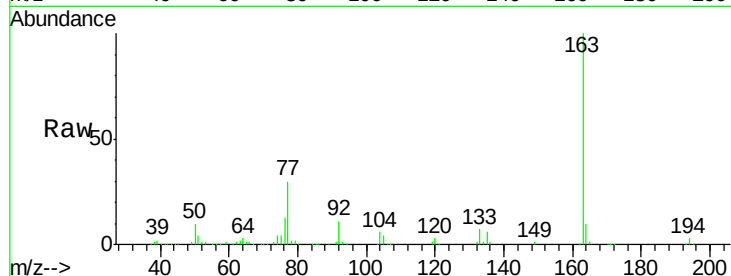




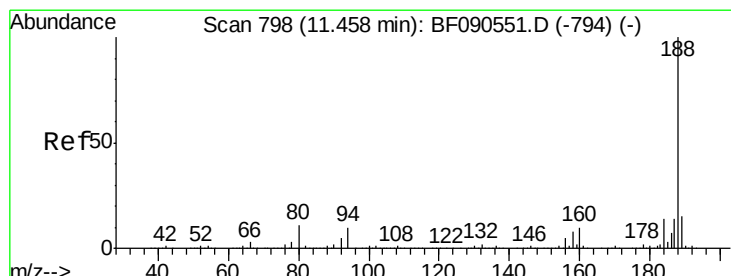
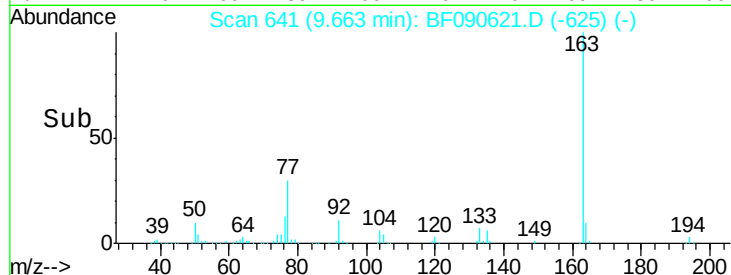
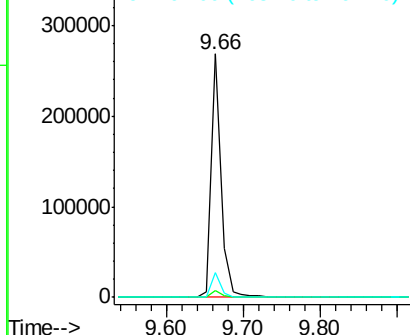
#49
Dimethylphthalate
Concen: 9.55 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090621.D
Acq: 17 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
5

Tot Ion:163 Resp: 237560
Ion Ratio Lower Upper
163 100
194 2.9 2.3 3.5
164 10.3 8.6 13.0

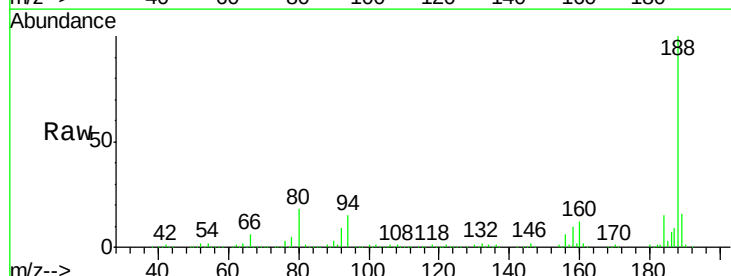


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

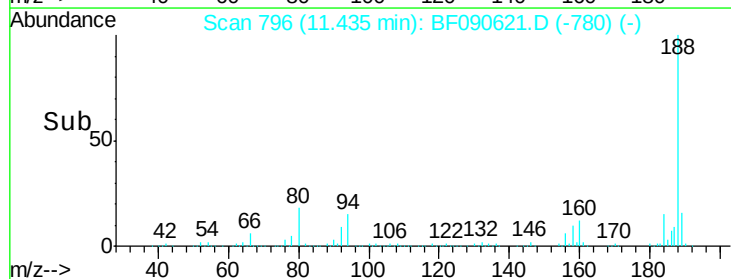
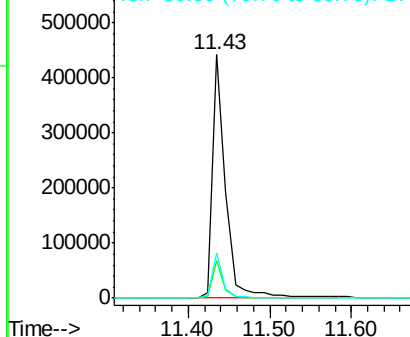


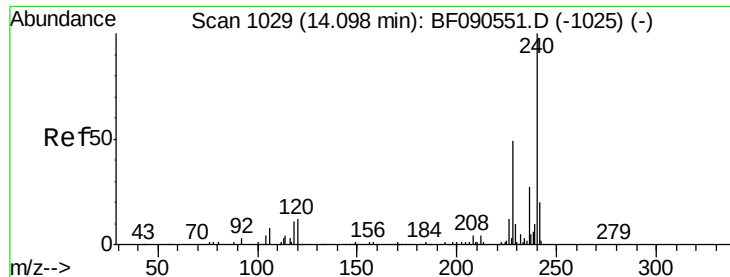
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090621.D
Acq: 17 Oct 2016 21:30

Tgt Ion:188 Resp: 502770
Ion Ratio Lower Upper
188 100
94 15.5 7.7 11.5#
80 18.4 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: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

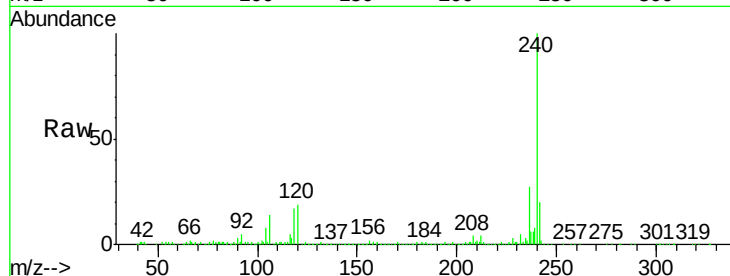
Instrument :

BNA_F

ClientSampleId :

5

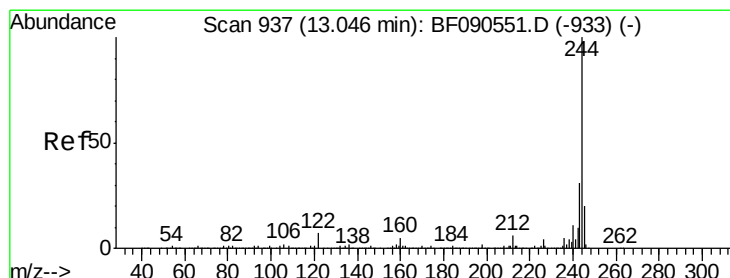
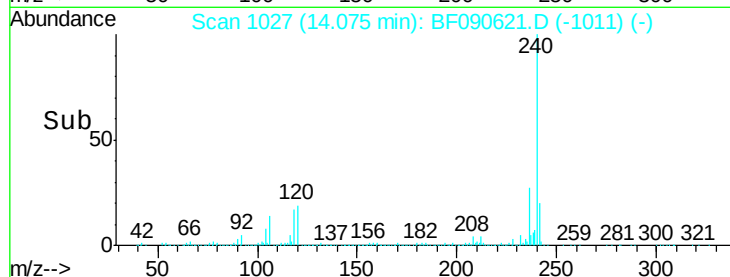
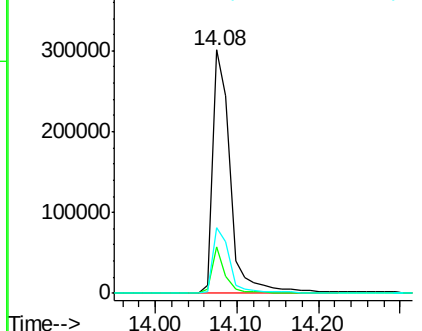
Tot Ion:240	Resp:	458907
Ion Ratio	Lower	Upper
240	100	
120	19.3	9.8 14.8#
236	26.8	21.7 32.5



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: 39.83 ng

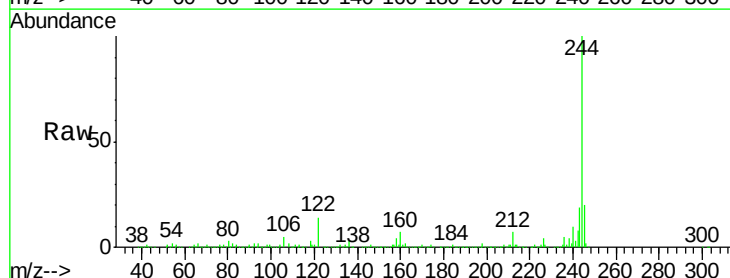
RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090621.D

Acq: 17 Oct 2016 21:30

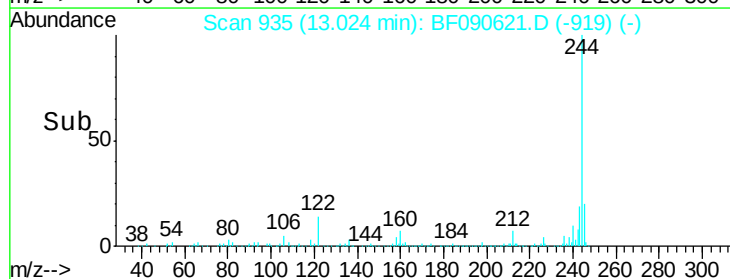
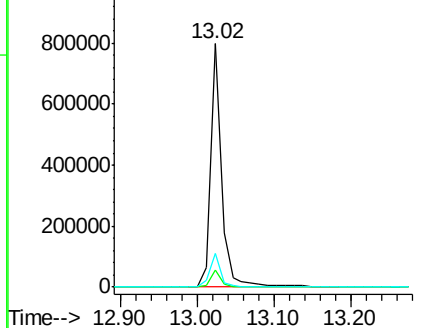
Tgt Ion:244	Resp:	784967
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.0 7.4
122	14.0	5.6 8.4#

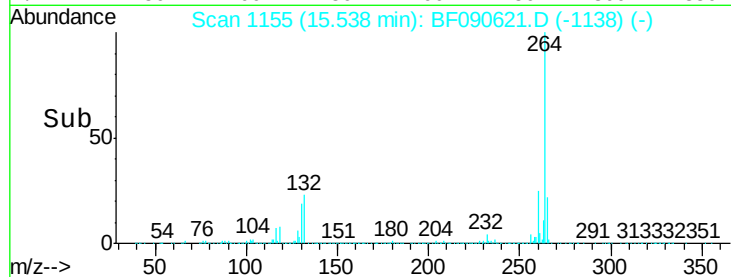
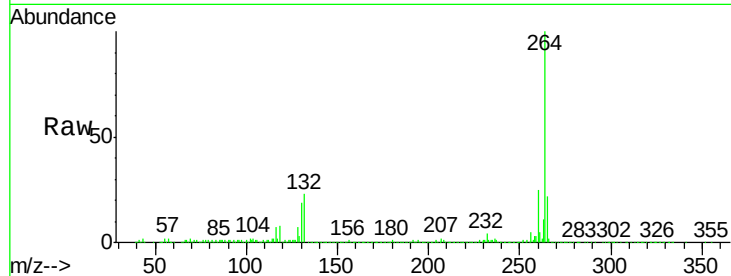
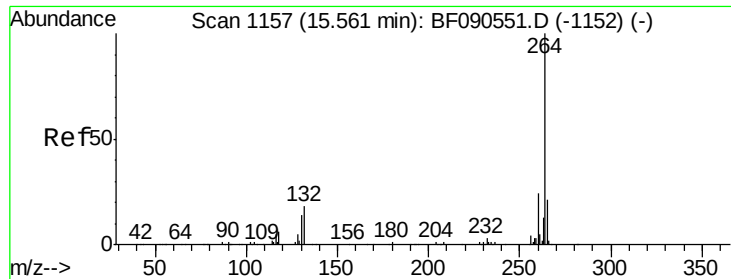


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090621.D
Acq: 17 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
5

Tot Ion:	264	Resp:	424160
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.1	16.7	25.1

