

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
 Data File : BF090681.D
 Acq On : 20 Oct 2016 14:47
 Operator : UM/SJ
 Sample : PB94156TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Quant Time: Oct 20 17:59:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

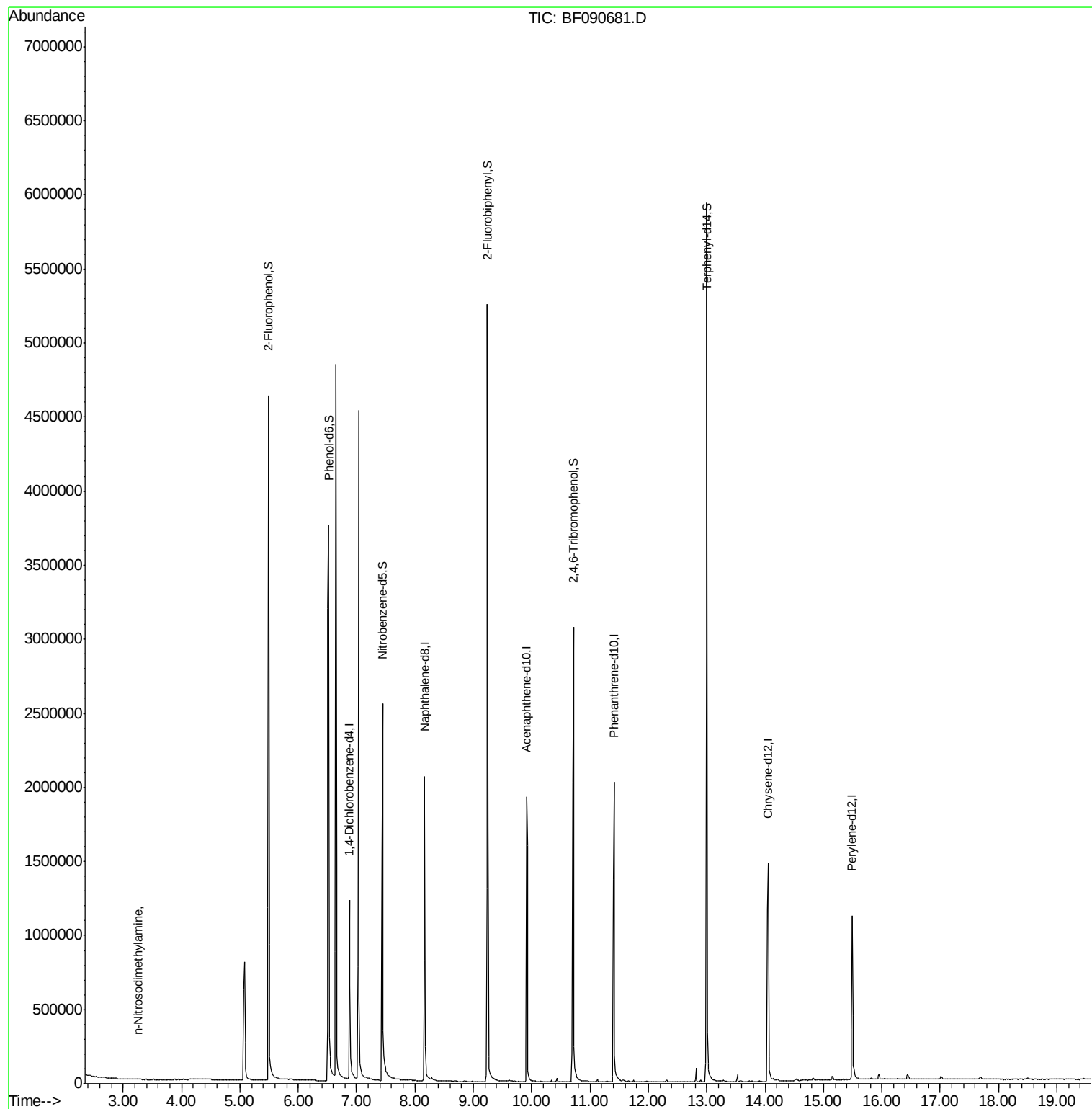
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	234233	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1102845	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	593004	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	1002405	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	729418	20.00	ng	-0.01
86) Perylene-d12	15.49	264	478189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1351046	105.74	ng	0.00
7) Phenol-d6	6.52	99	2069244	108.99	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1286864	64.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	484478	91.64	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1959540	54.45	ng	-0.02
78) Terphenyl-d14	13.00	244	2122670	67.76	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.26	42	935	7.31	ng	Qvalue # 1

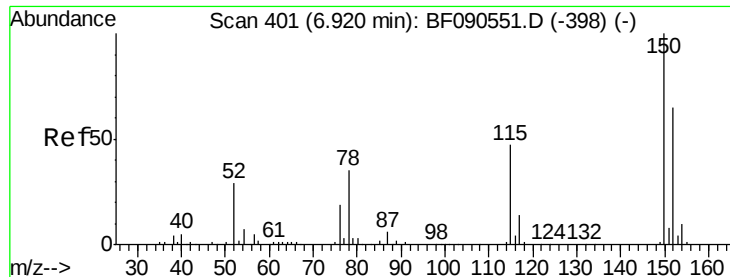
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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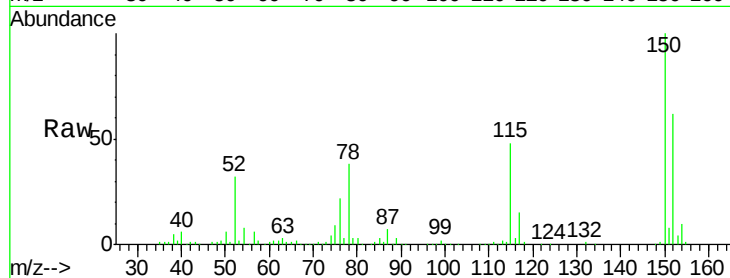




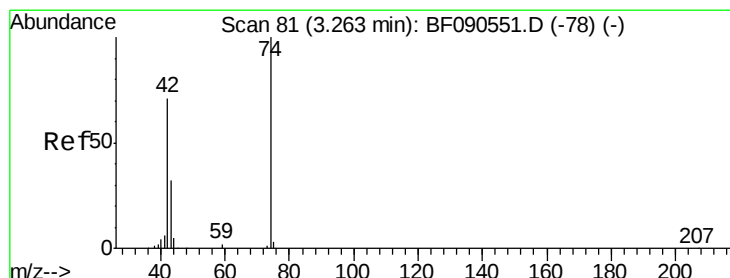
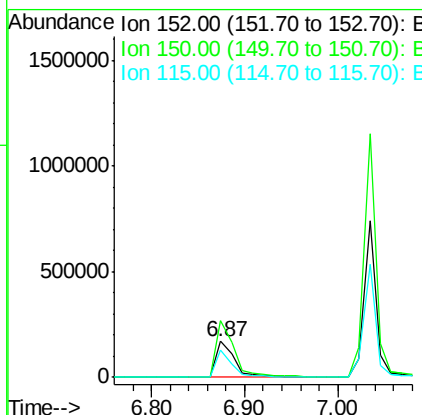
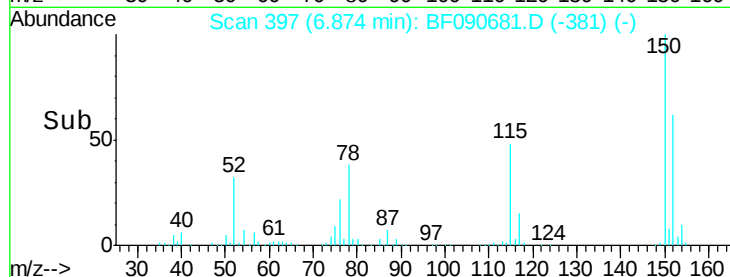
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Tgt Ion:152 Resp: 234233
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.2 190.8
 115 76.8 58.6 88.0

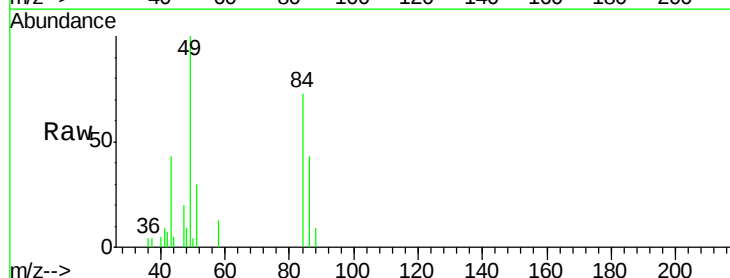


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

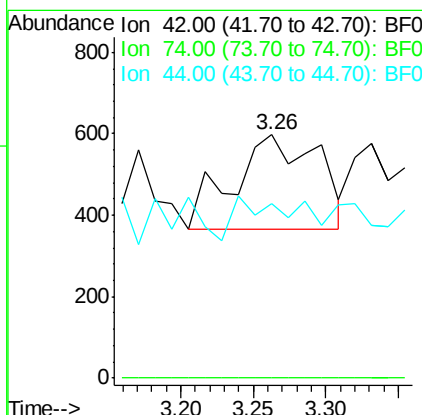
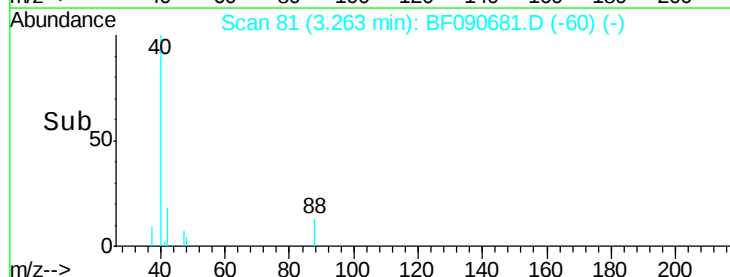


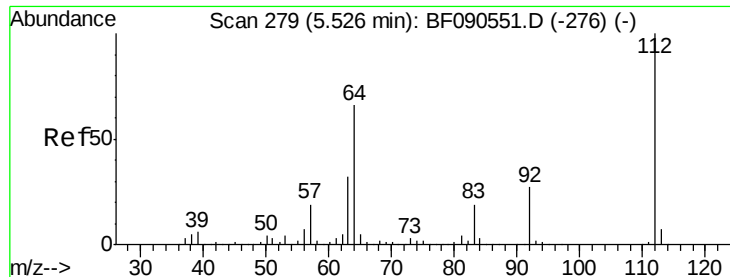
#4
 n-Nitrosodimethylamine
 Concen: 7.31 ng
 RT: 3.26 min Scan# 81
 Delta R.T. 0.05 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

Tgt Ion: 42 Resp: 935
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 71.9 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.74 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.00 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB94156TB

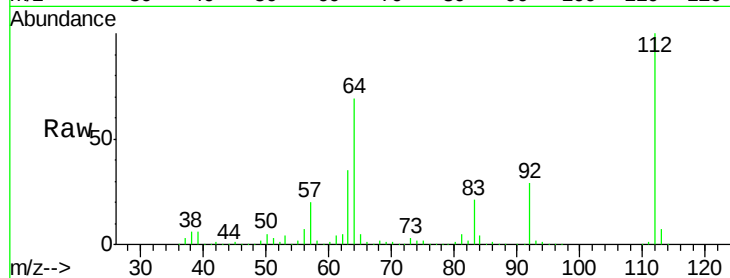
Tgt Ion: 112 Resp: 1351046

Ion Ratio Lower Upper

112 100

64 69.4 52.6 78.8

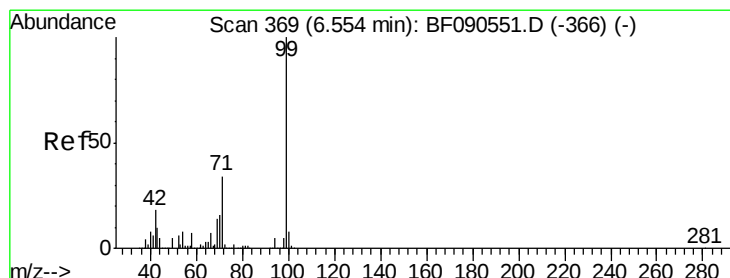
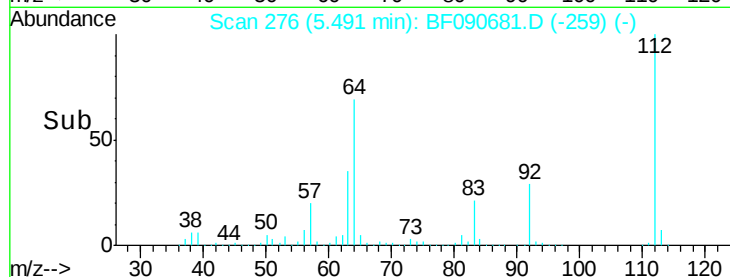
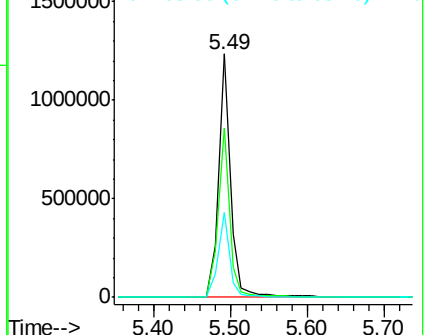
63 34.7 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 108.99 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

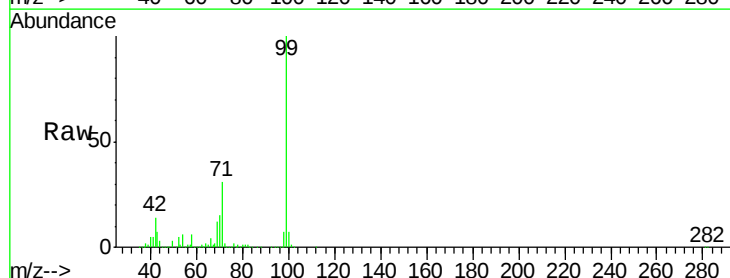
Tgt Ion: 99 Resp: 2069244

Ion Ratio Lower Upper

99 100

42 13.8 14.7 22.1#

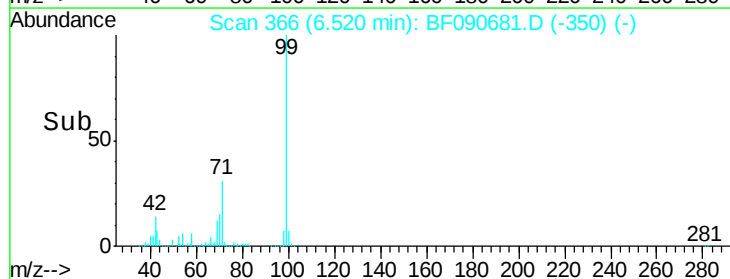
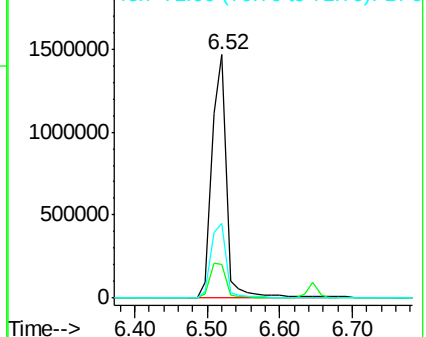
71 30.5 27.6 41.4

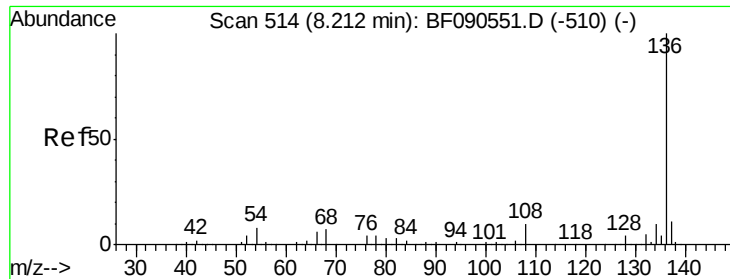


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

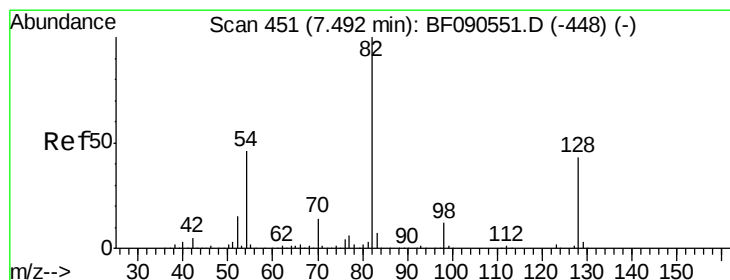
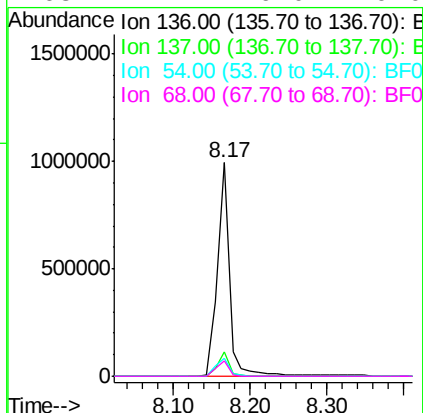
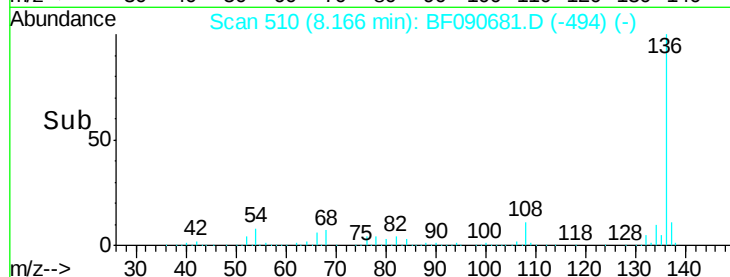
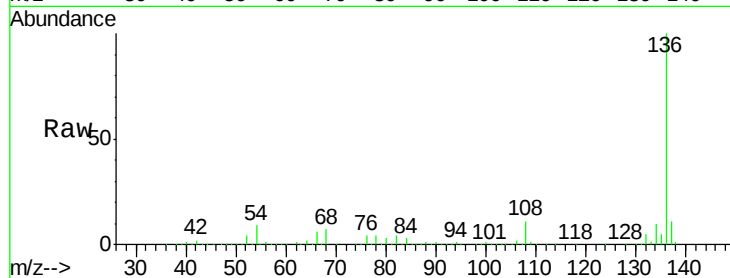




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

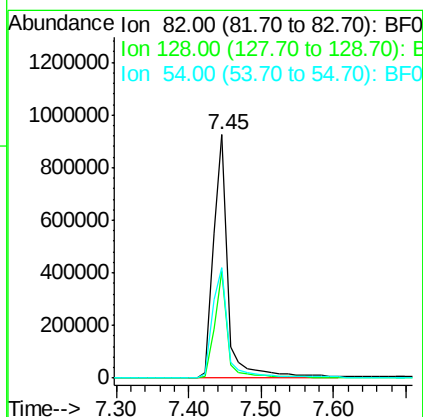
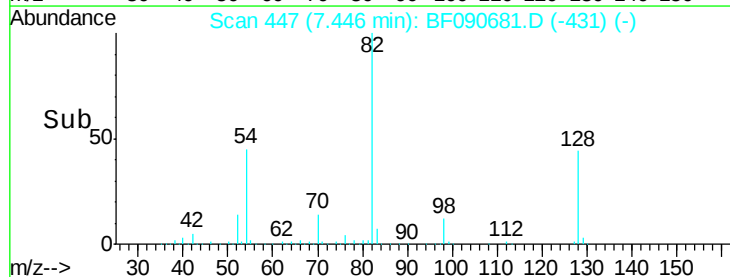
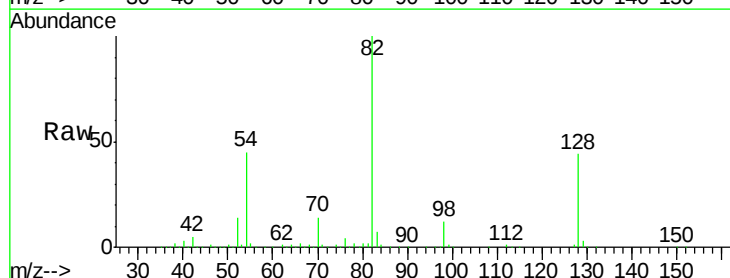
Instrument :
BNA_F
ClientSampleId :
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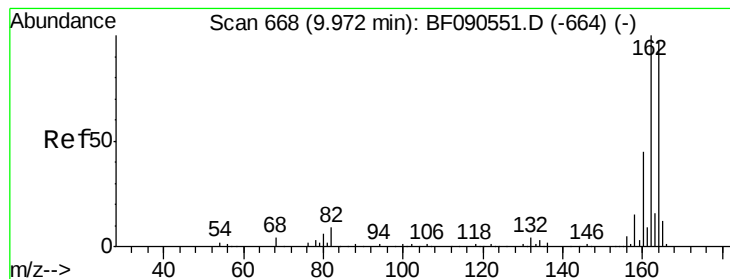
Tgt Ion:	136	Resp:	1102845
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.5	6.8	10.2
68	7.4	6.0	9.0



#23
Nitrobenzene-d5
Concen: 64.82 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

Tgt Ion:	82	Resp:	1286864
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.3	51.5
54	45.3	37.0	55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB94156TB

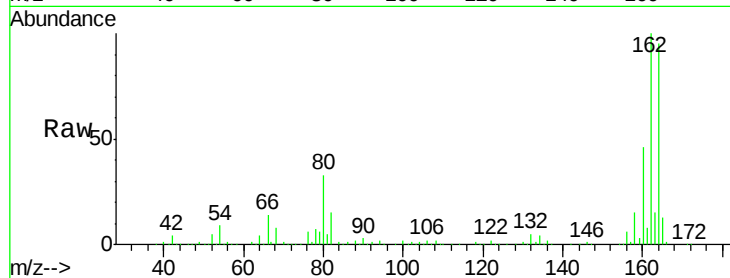
Tgt Ion:164 Resp: 593004

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.4

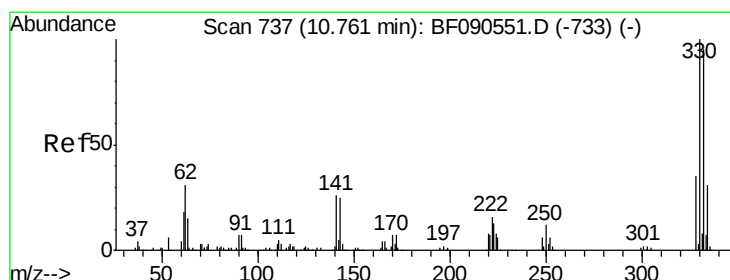
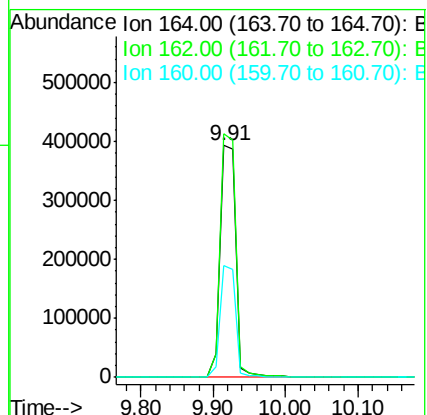
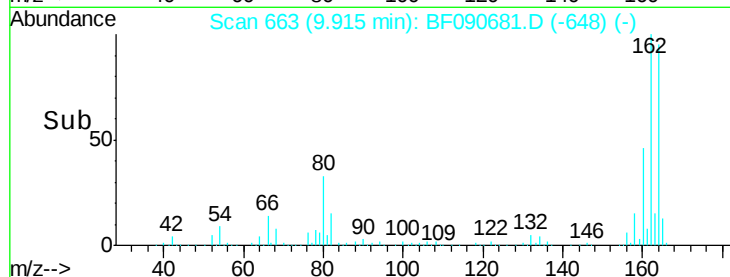
160 48.6 36.6 55.0



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: 91.64 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

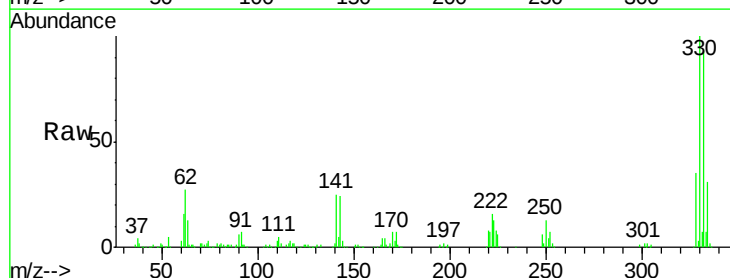
Tgt Ion:330 Resp: 484478

Ion Ratio Lower Upper

330 100

332 94.2 76.2 114.2

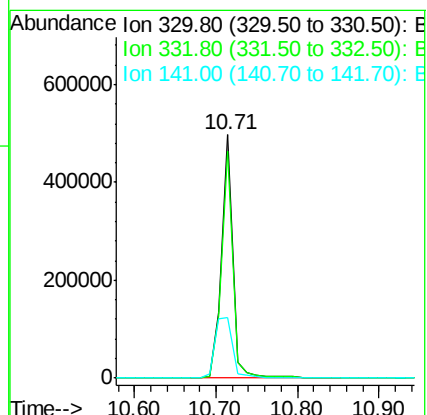
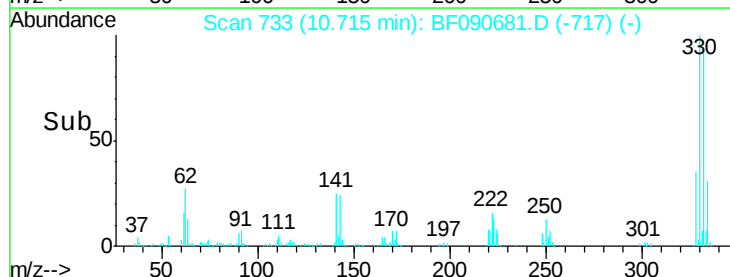
141 40.0 31.4 47.2

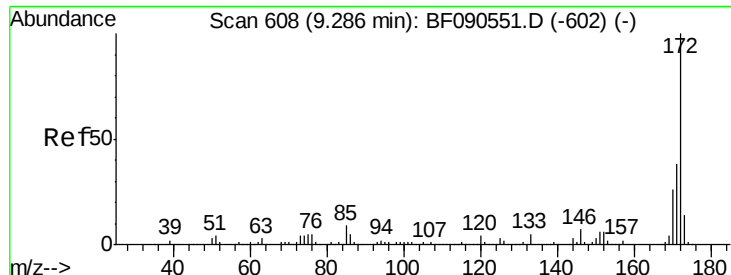


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

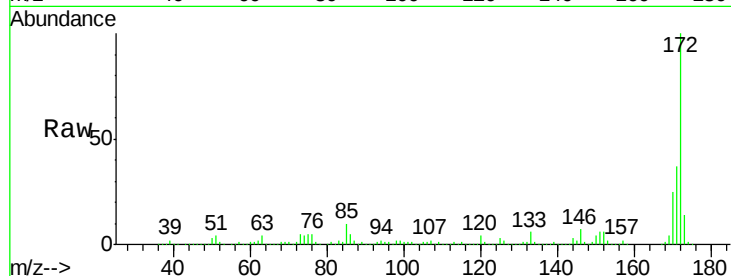




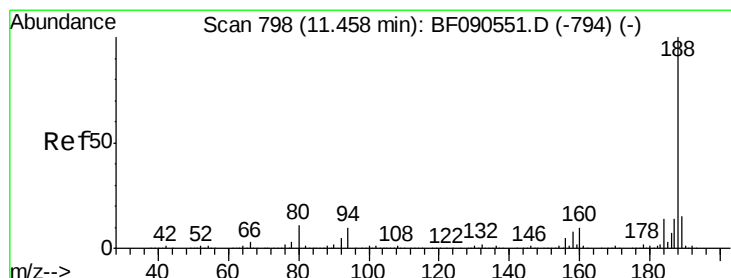
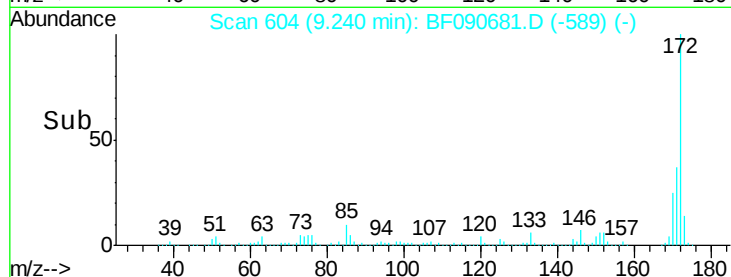
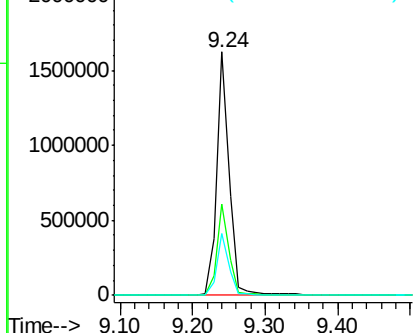
#44
 2-Fluorobiphenyl
 Concen: 54.45 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Tgt Ion:172 Resp: 1959540
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 25.5 20.6 30.8

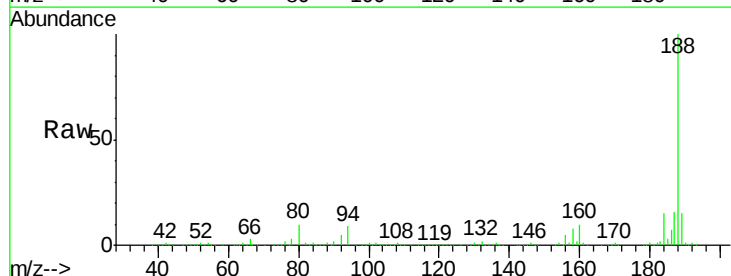


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

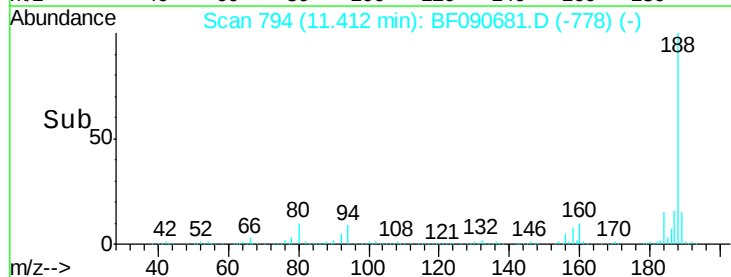
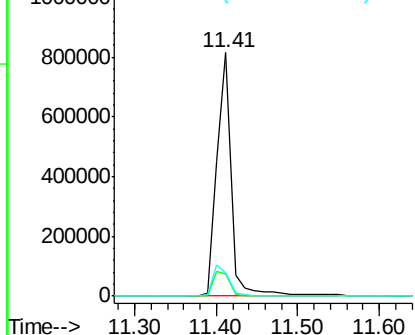


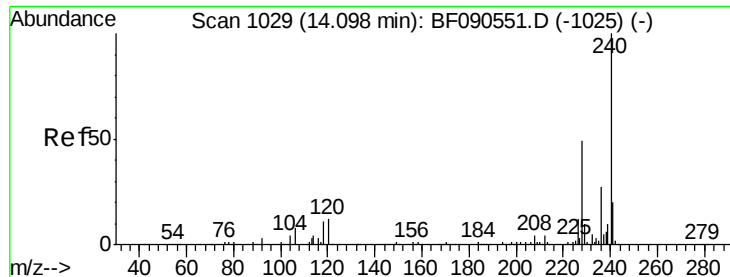
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

Tgt Ion:188 Resp: 1002405
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.7 11.5
 80 9.7 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: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB94156TB

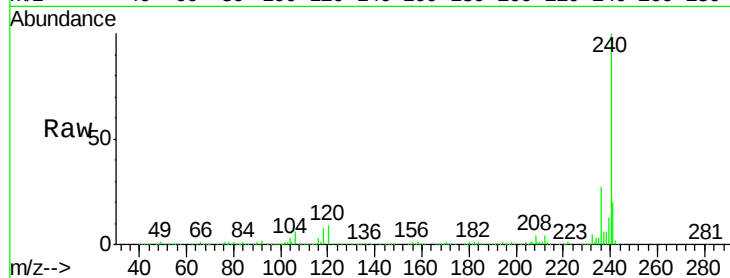
Tgt Ion:240 Resp: 729418

Ion Ratio Lower Upper

240 100

120 9.1 9.8 14.8#

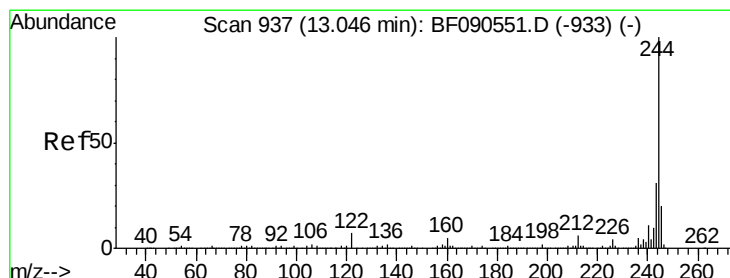
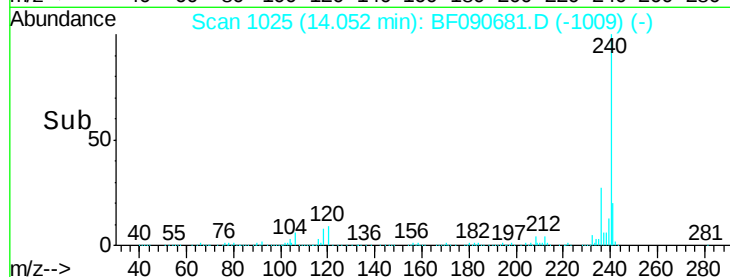
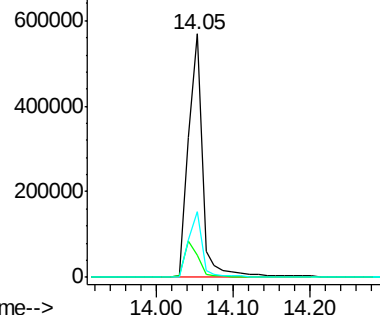
236 27.2 21.7 32.5



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: 67.76 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

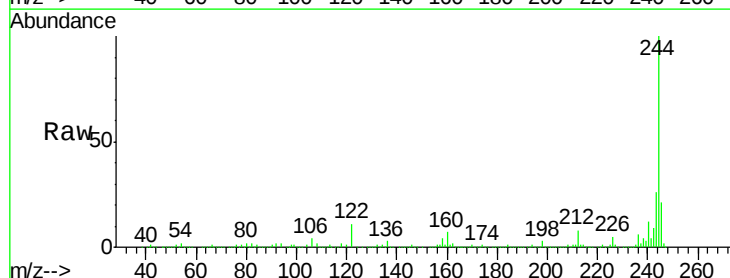
Tgt Ion:244 Resp: 2122670

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

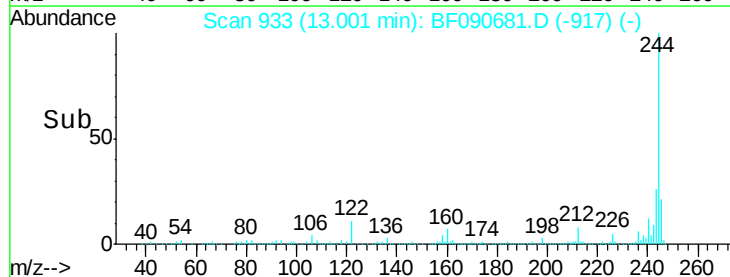
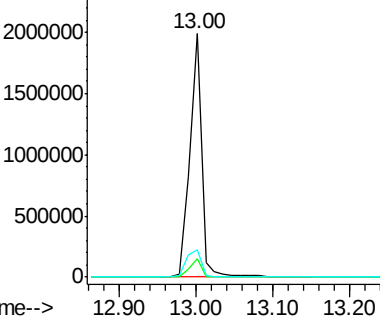
122 11.2 5.6 8.4#

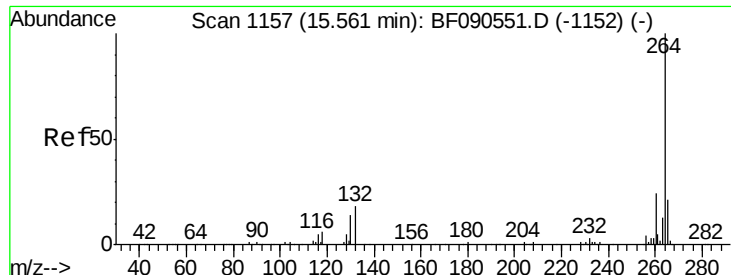


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB94156TB

Tgt Ion: 264 Resp: 478189
Ion Ratio Lower Upper
264 100
260 25.7 19.3 28.9
265 22.3 16.7 25.1

