

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 18:48:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 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	1100058	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	593004	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	1002405	20.00	ng	0.00
75) Chrysene-d12	14.05	240	729418	20.00	ng	0.00
86) Perylene-d12	15.49	264	478189	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1348207	105.52	ng	0.01
7) Phenol-d6	6.52	99	2064436	108.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	1286864	64.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	484478	91.64	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1959540	54.45	ng	-0.01
78) Terphenyl-d14	13.00	244	2122670	67.76	ng	0.00

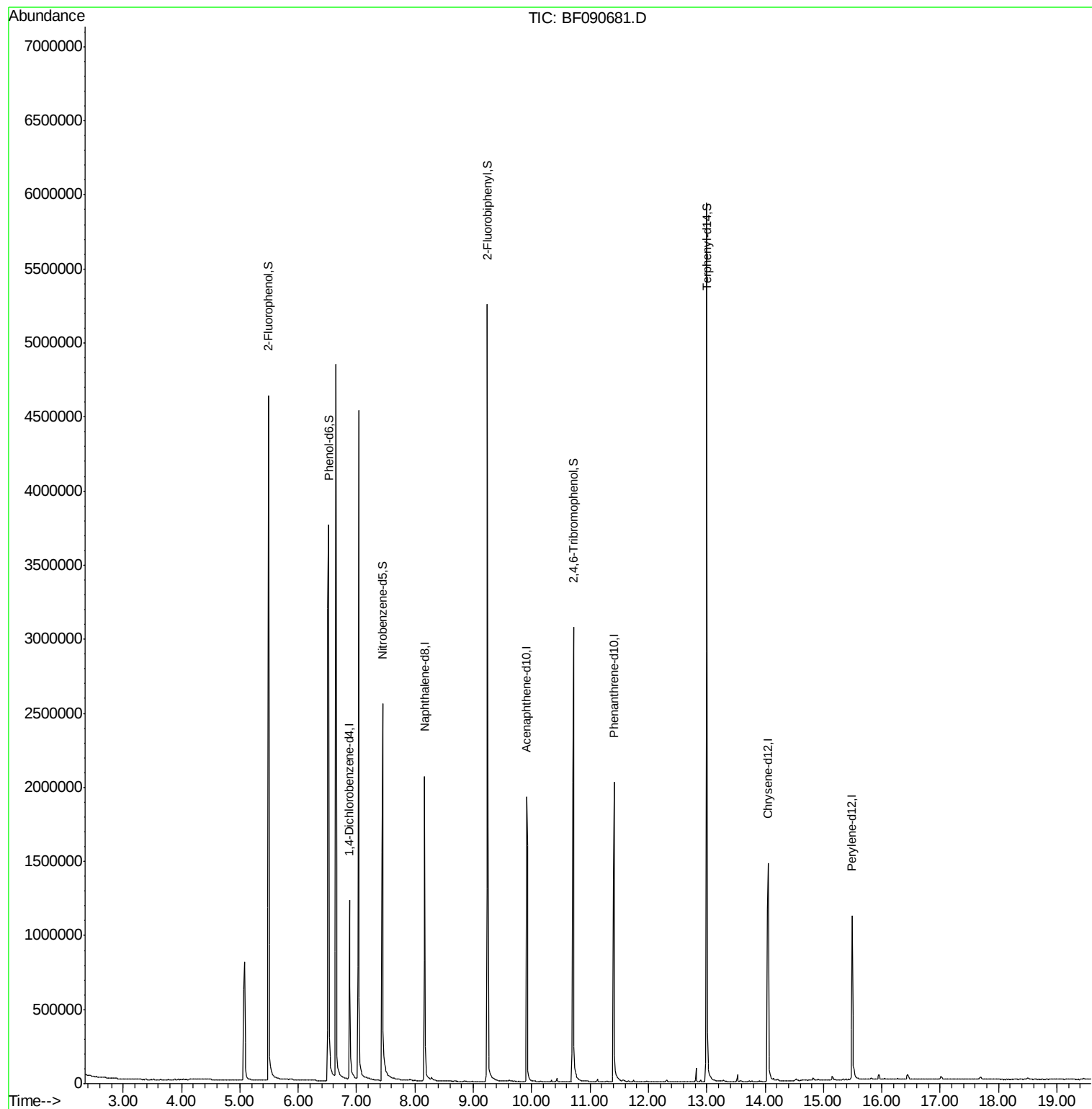
Target Compounds Qvalue

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

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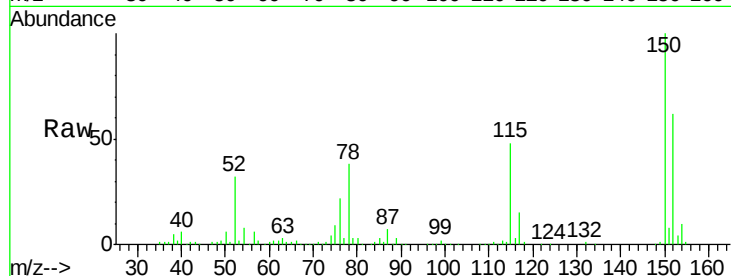


#1

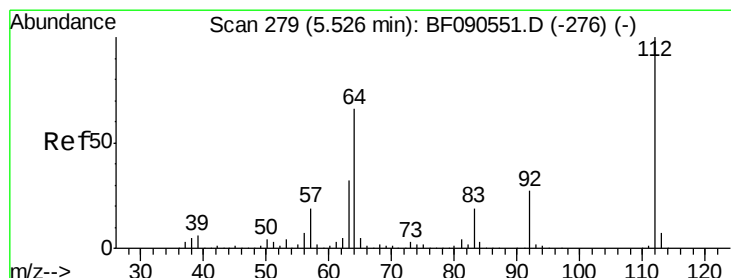
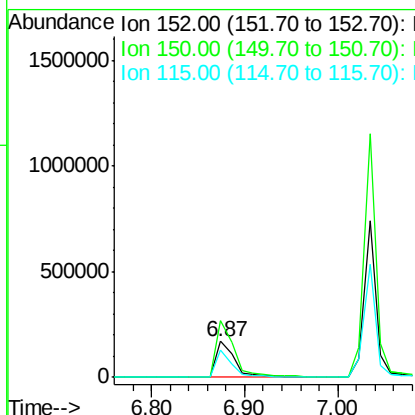
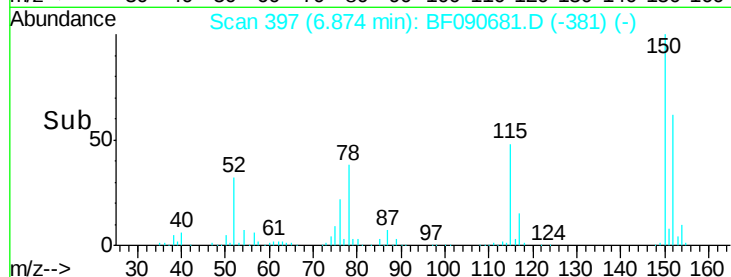
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB94156TB

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



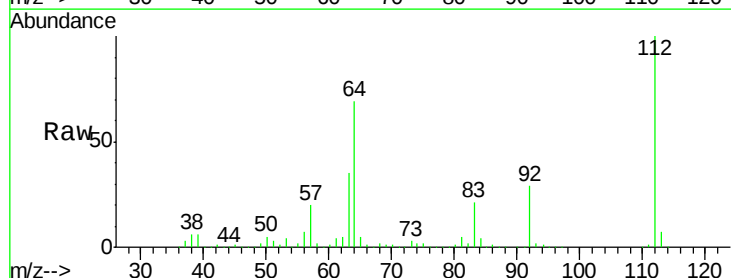
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



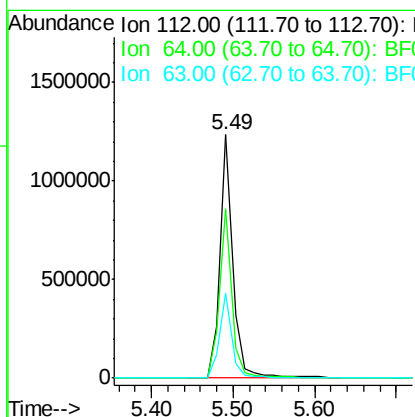
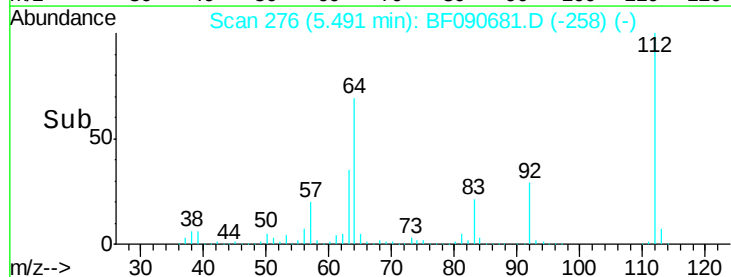
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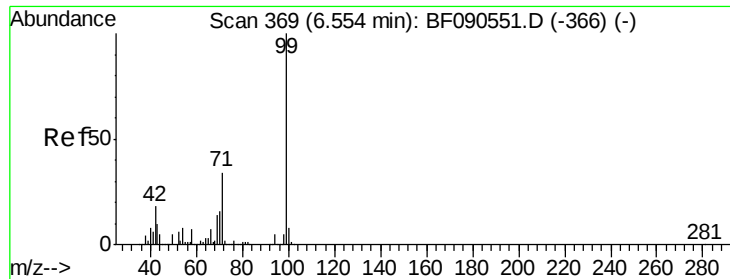
2-Fluorophenol
Concen: 105.52 ng
RT: 5.49 min Scan# 276
Delta R.T. 0.01 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

Tgt Ion:112 Resp: 1348207
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): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.74 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB94156TB

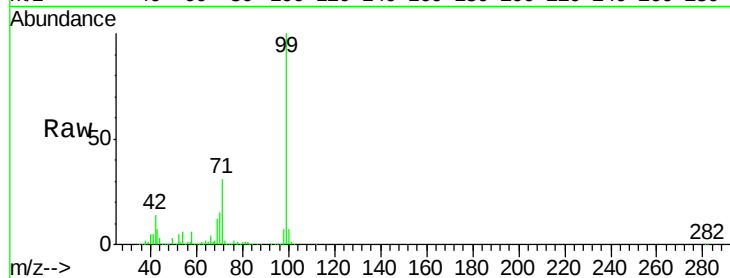
Tot Ion: 99 Resp: 2064436

Ion Ratio Lower Upper

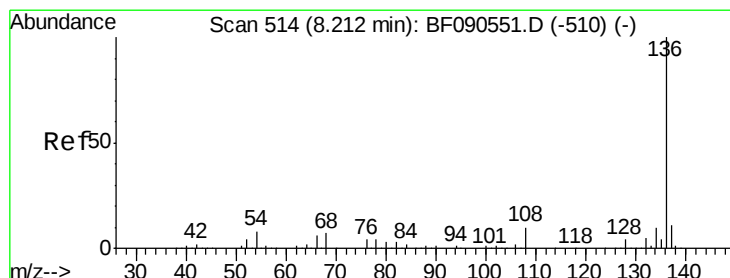
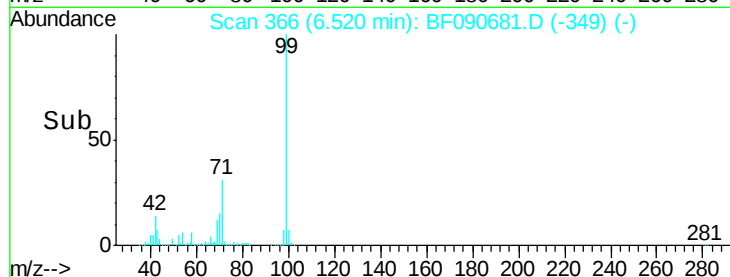
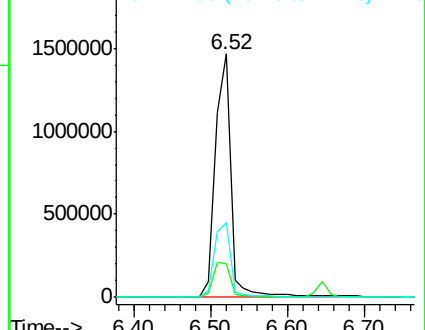
99 100

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. -0.00 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Tgt Ion:136 Resp: 1100058

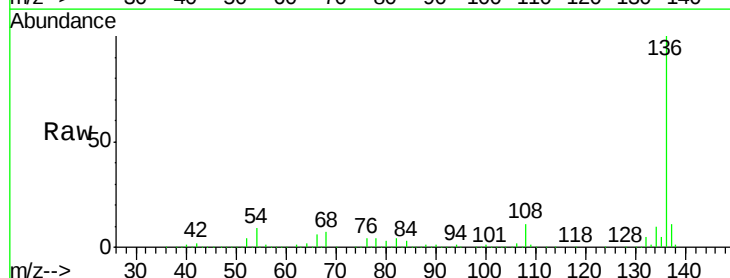
Ion Ratio Lower Upper

136 100

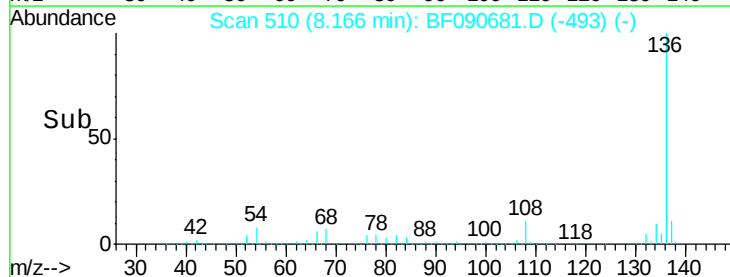
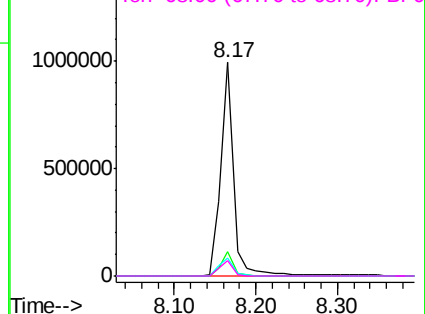
137 11.3 8.8 13.2

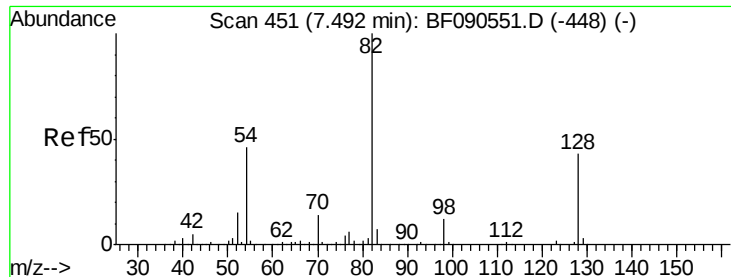
54 8.5 6.8 10.2

68 7.4 6.0 9.0



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

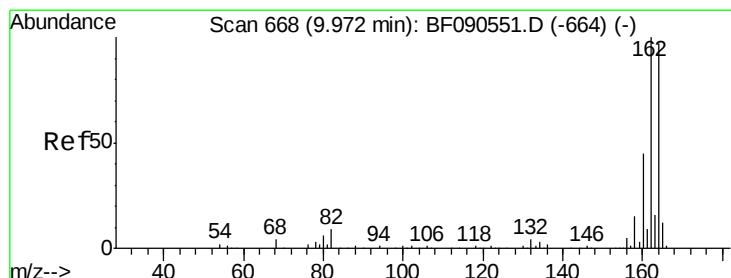
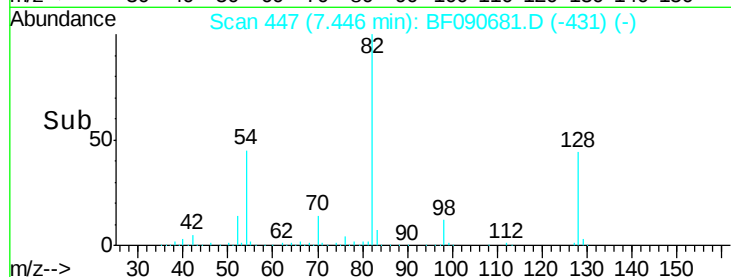
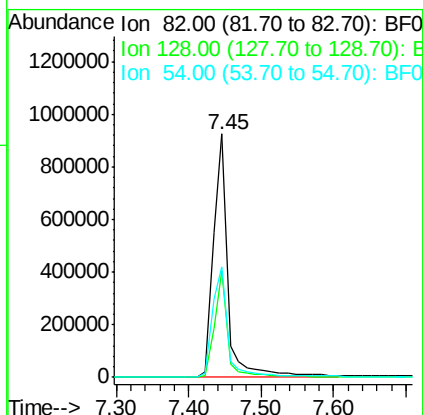
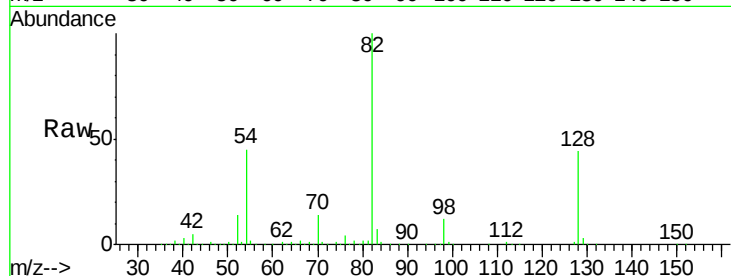




#23
 Nitrobenzene-d5
 Concen: 64.98 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

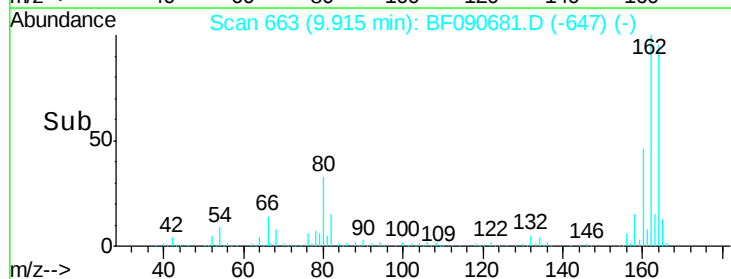
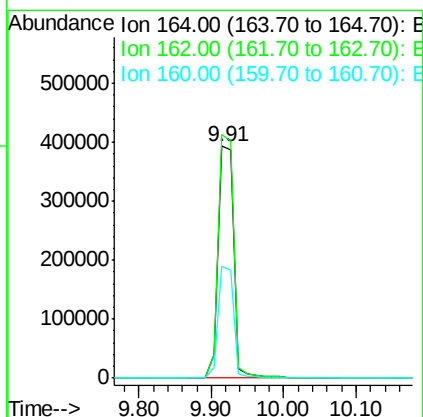
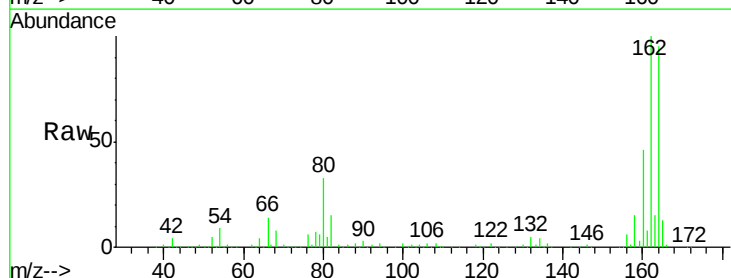
Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

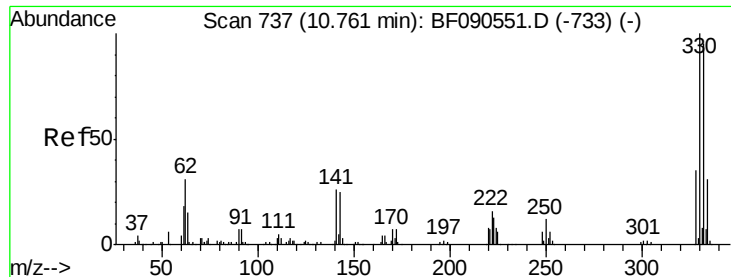
Tot Ion: 82 Resp: 1286864
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.3 51.5
 54 45.3 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

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

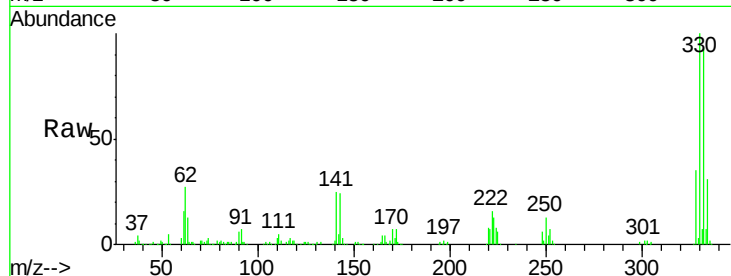




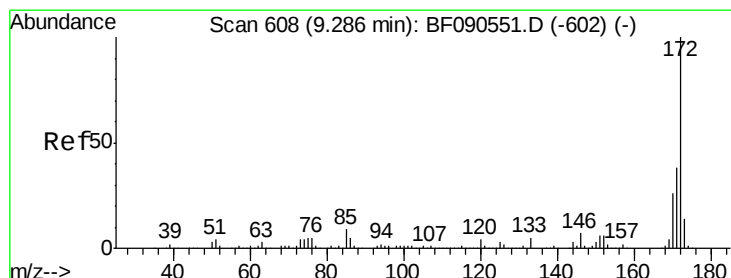
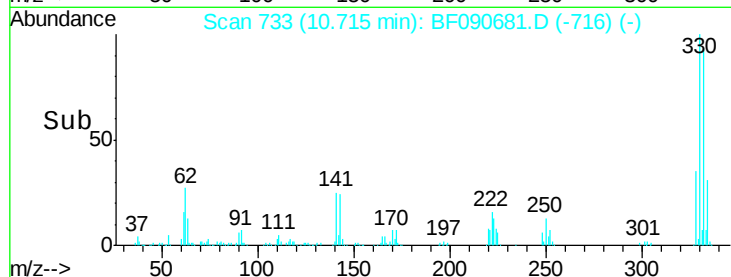
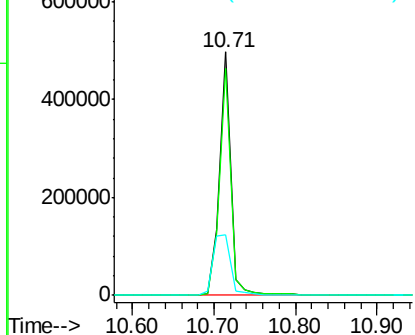
#41
 2,4,6-Tribromophenol
 Concen: 91.64 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Tot Ion:330 Resp: 484478
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.2 114.2
 141 40.0 31.4 47.2

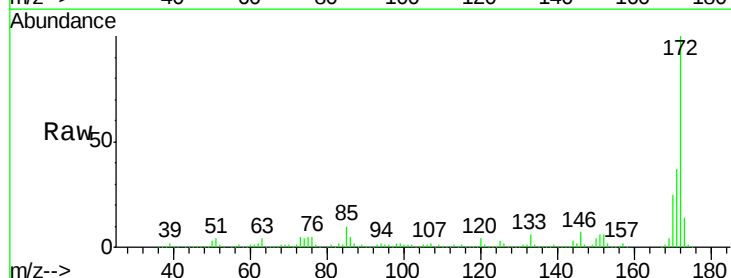


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

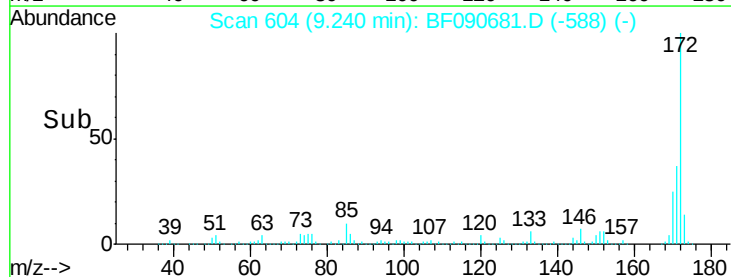
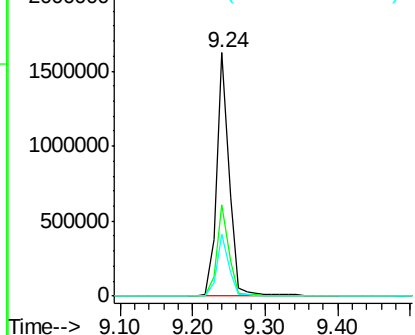


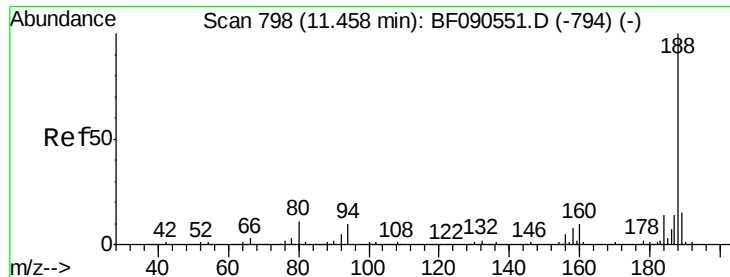
#44
 2-Fluorobiphenyl
 Concen: 54.45 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF090681.D
 Acq: 20 Oct 2016 14:47

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

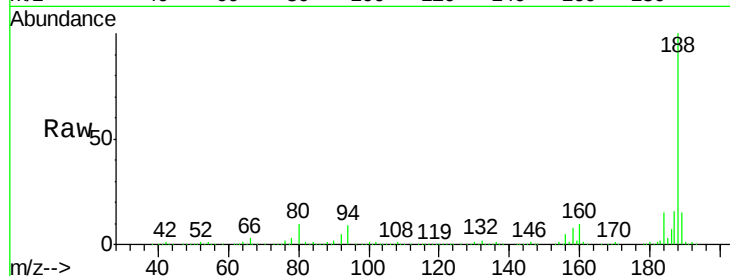




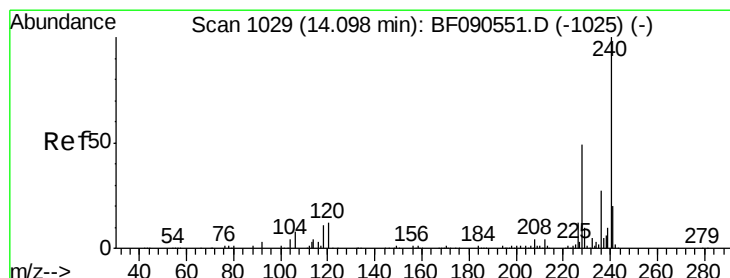
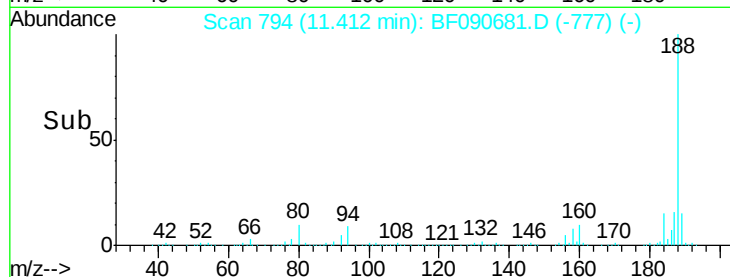
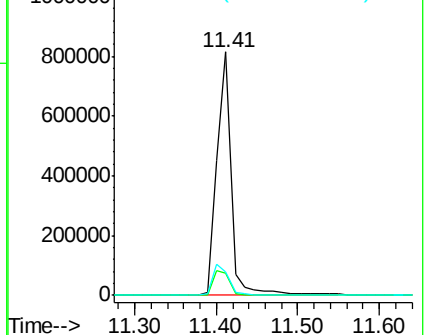
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB94156TB

Tot Ion:188 Resp: 1002405
Ion Ratio Lower Upper
188 100
94 9.1 7.7 11.5
80 9.7 8.6 12.8

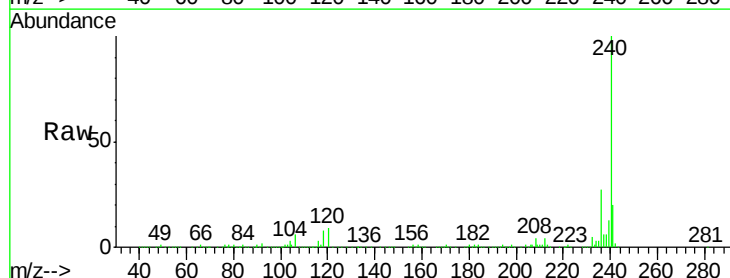


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

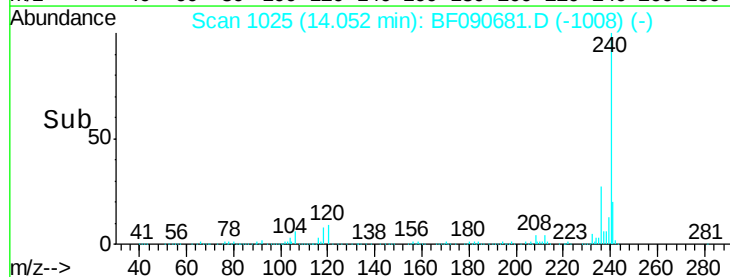
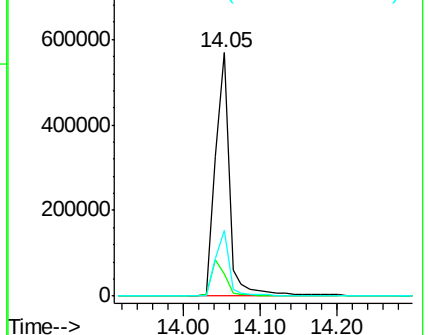


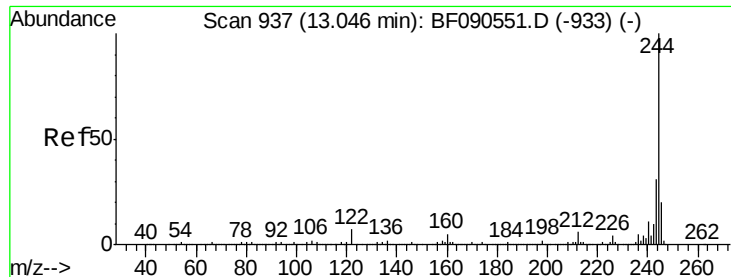
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090681.D
Acq: 20 Oct 2016 14:47

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. -0.00 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB94156TB

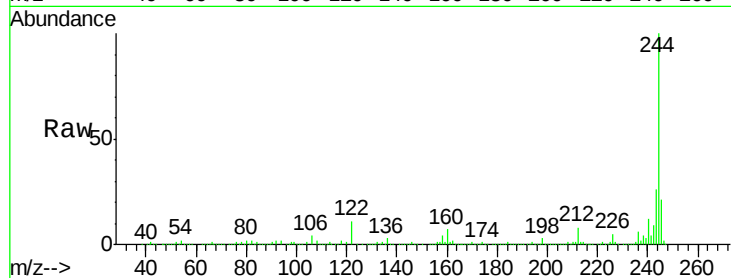
Tot Ion:244 Resp: 2122670

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

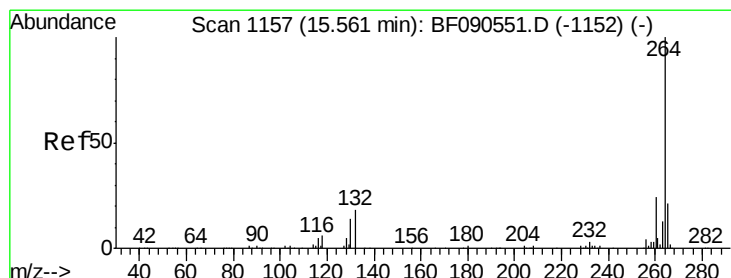
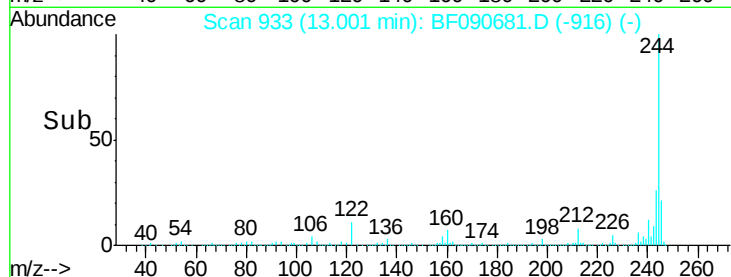
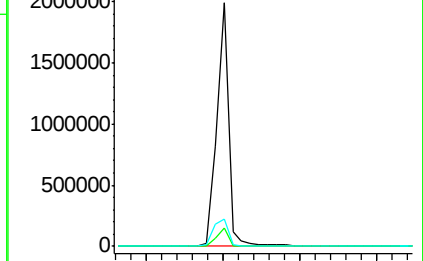
122 11.2 5.6 8.4#



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. -0.01 min

Lab File: BF090681.D

Acq: 20 Oct 2016 14:47

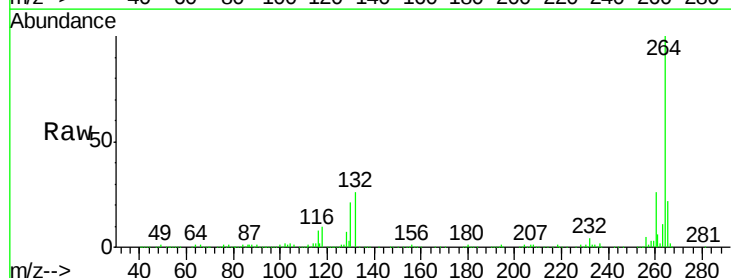
Tgt Ion:264 Resp: 478189

Ion Ratio Lower Upper

264 100

260 25.7 19.3 28.9

265 22.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

