

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090676.D
 Acq On : 20 Oct 2016 5:44
 Operator : UM/SJ
 Sample : PB94156TB
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Quant Time: Oct 20 06:51:24 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	6.89	152	221169	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	928084	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	497002	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	731785	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	448534	20.00	ng	-0.01
86) Perylene-d12	15.50	264	417522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1544122	127.99	ng	0.01
7) Phenol-d6	6.52	99	1815521	101.28	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1188392	71.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	261156	58.94	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2004309	66.45	ng	-0.01
78) Terphenyl-d14	13.00	244	1449491	75.24	ng	-0.01

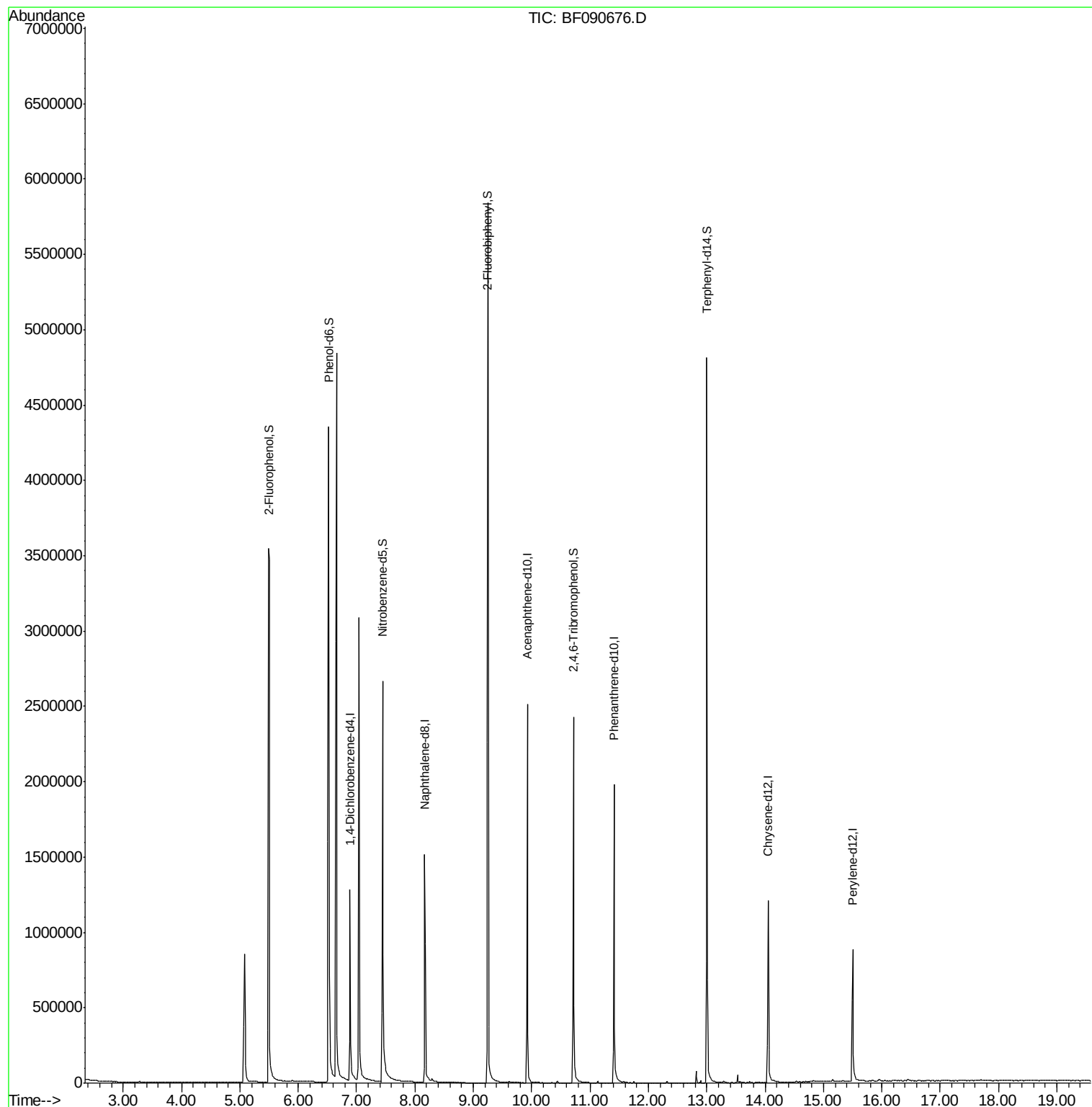
Target Compounds Qvalue

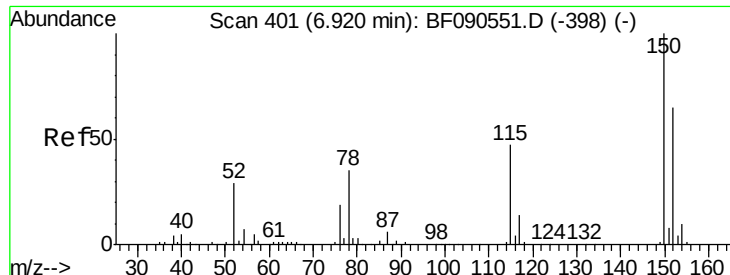
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090676.D

Acq: 20 Oct 2016 5:44

Instrument :

BNA_F

ClientSampleId :

PB94156TB

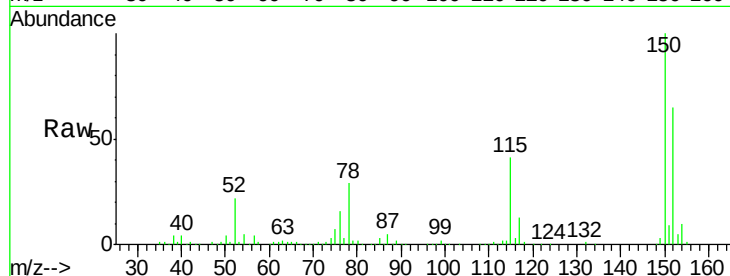
Tot Ion:152 Resp: 221169

Ion Ratio Lower Upper

152 100

150 153.9 127.2 190.8

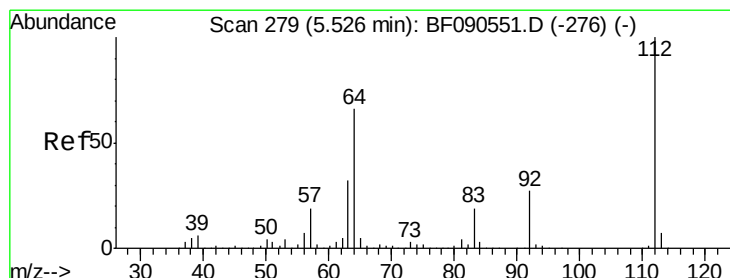
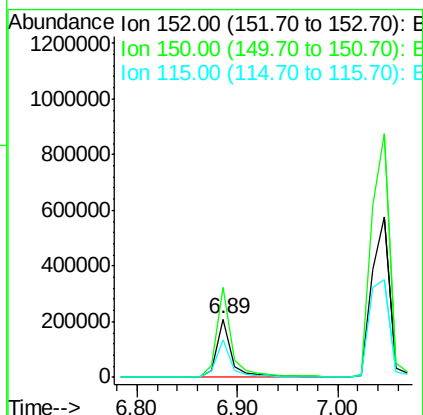
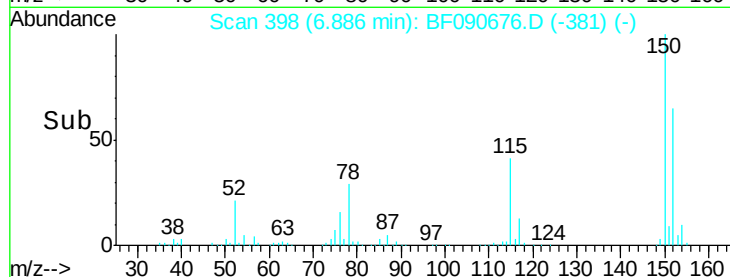
115 63.6 58.6 88.0



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: 127.99 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090676.D

Acq: 20 Oct 2016 5:44

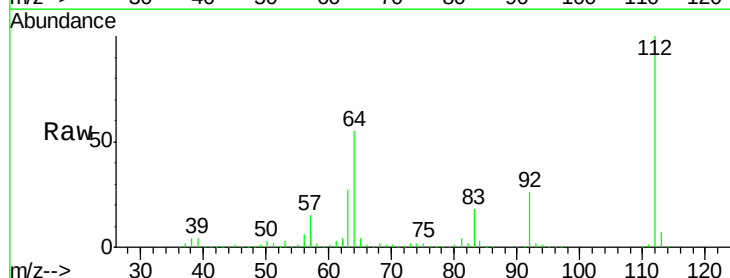
Tgt Ion:112 Resp: 1544122

Ion Ratio Lower Upper

112 100

64 55.4 52.6 78.8

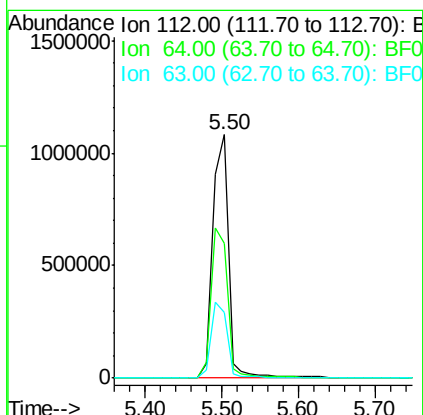
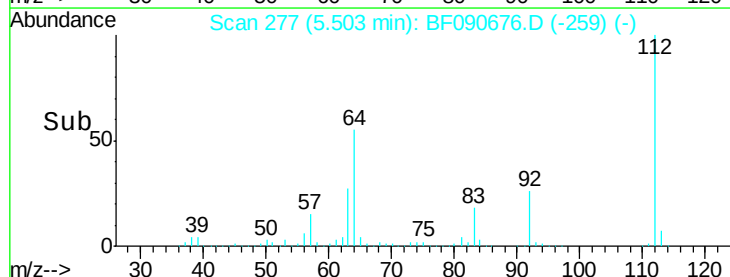
63 27.1 26.0 39.0

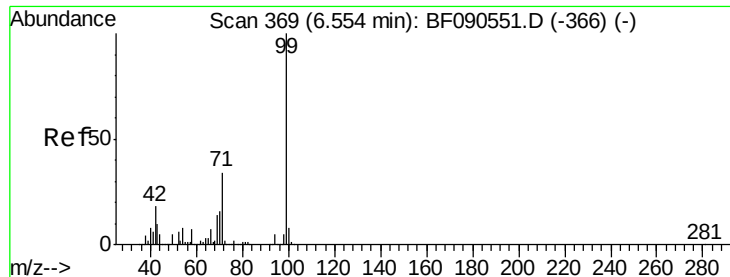


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.28 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090676.D

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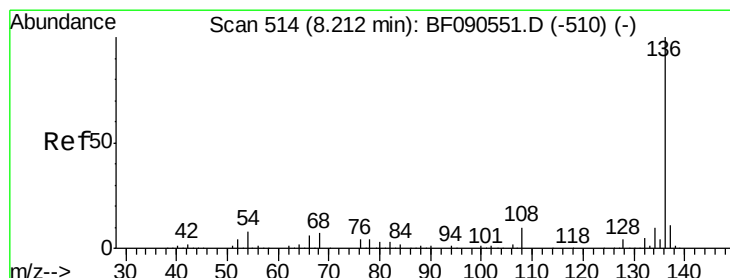
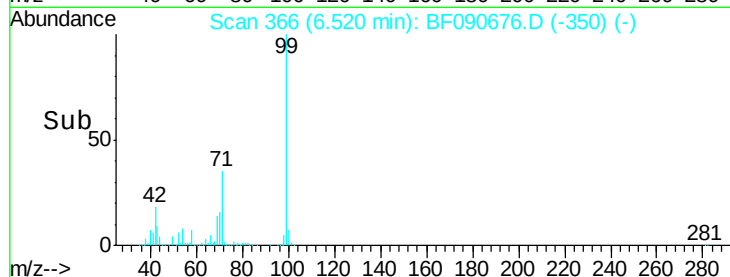
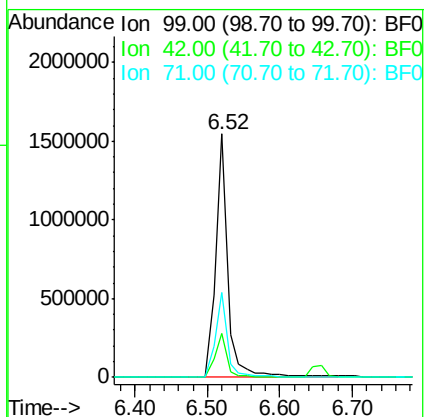
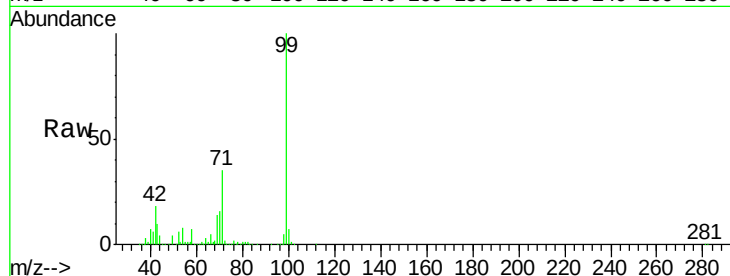
Tot Ion: 99 Resp: 181521

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.7	22.1
71	35.0	27.6	41.4

99 100

42 17.8 14.7 22.1

71 35.0 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090676.D

Acq: 20 Oct 2016 5:44

Tgt Ion: 136 Resp: 928084

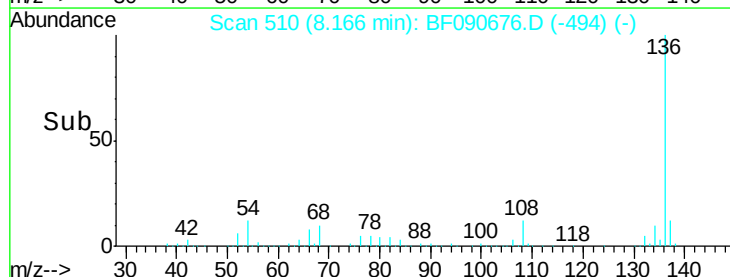
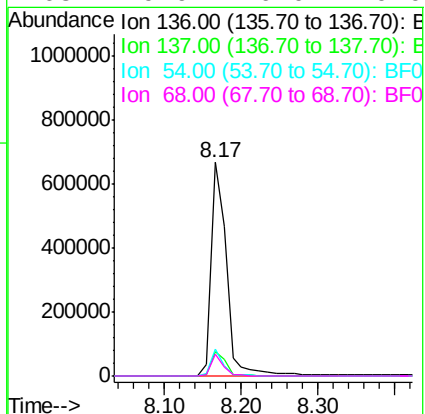
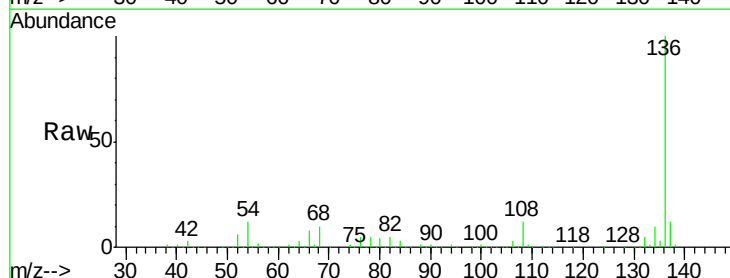
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	12.4	6.8	10.2#
68	9.9	6.0	9.0#

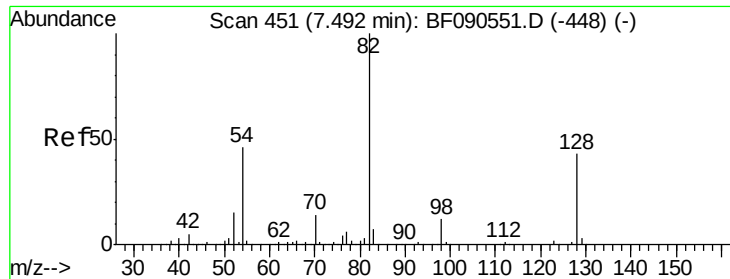
136 100

137 11.5 8.8 13.2

54 12.4 6.8 10.2#

68 9.9 6.0 9.0#

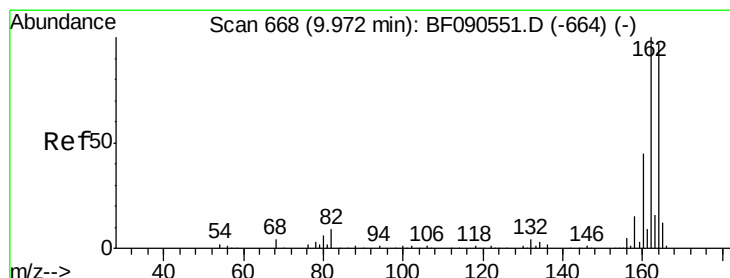
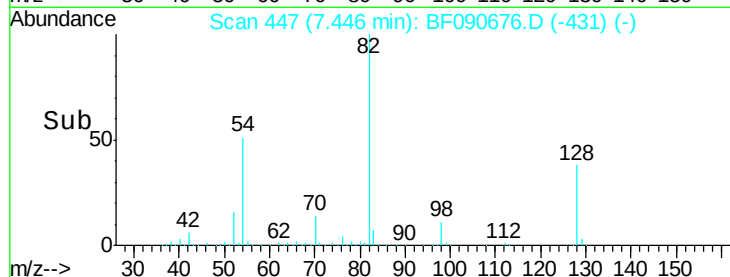
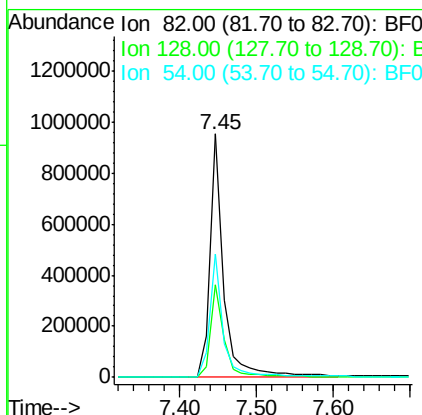
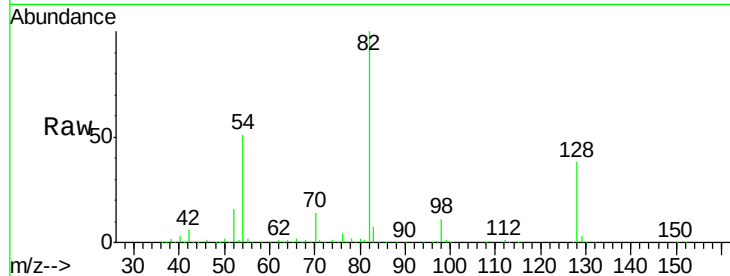




#23
 Nitrobenzene-d5
 Concen: 71.13 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090676.D
 Acq: 20 Oct 2016 5:44

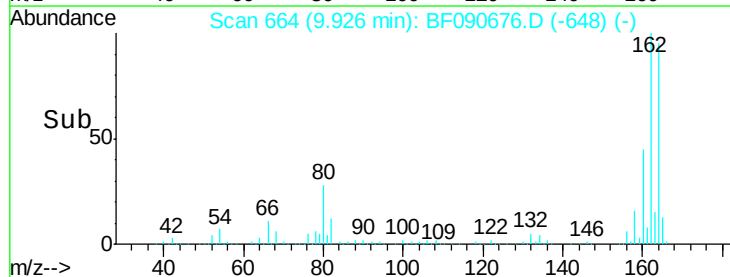
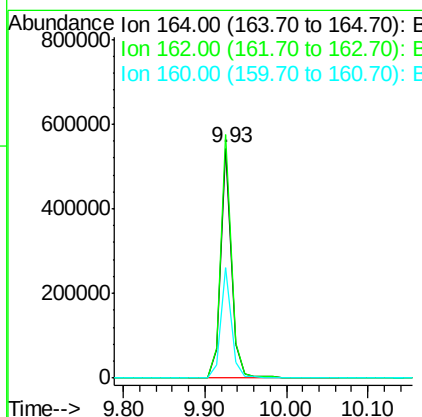
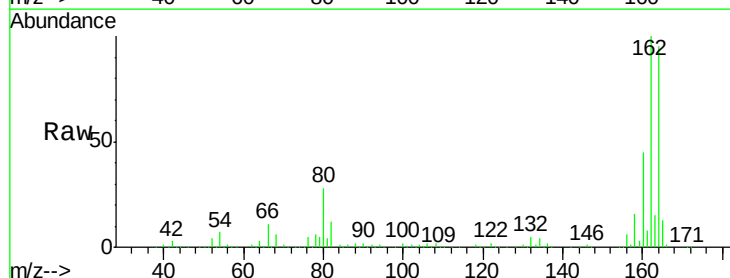
Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

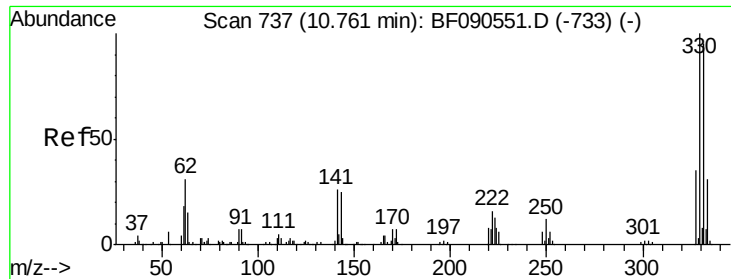
Tot Ion: 82 Resp: 1188392
 Ion Ratio Lower Upper
 82 100
 128 38.2 34.3 51.5
 54 50.8 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090676.D
 Acq: 20 Oct 2016 5:44

Tgt Ion:164 Resp: 497002
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.2 123.4
 160 48.0 36.6 55.0

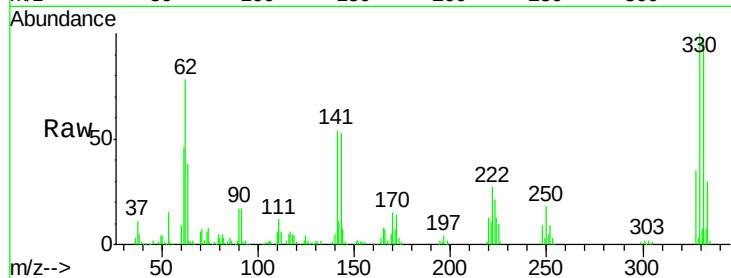




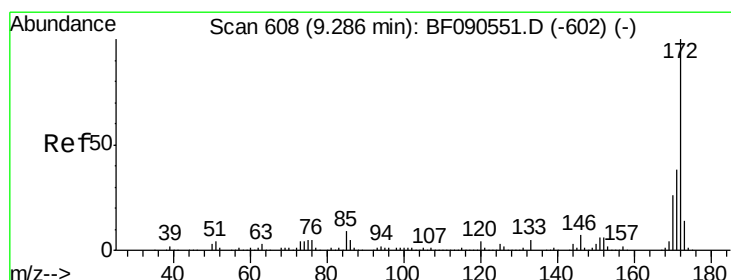
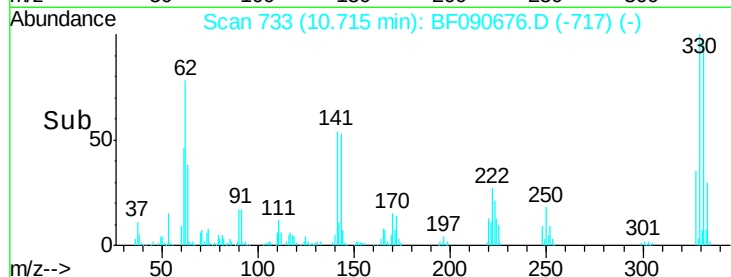
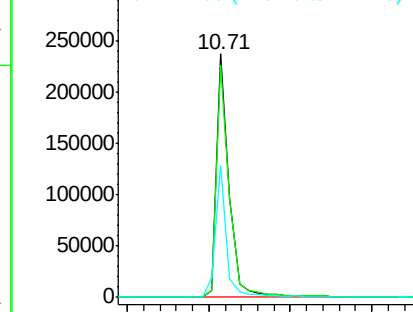
#41
 2,4,6-Tribromophenol
 Concen: 58.94 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF090676.D
 Acq: 20 Oct 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94156TB

Tot Ion:330 Resp: 261156
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.2
 141 48.3 31.4 47.2#

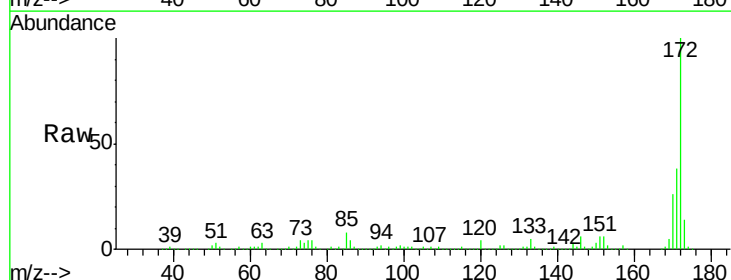


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

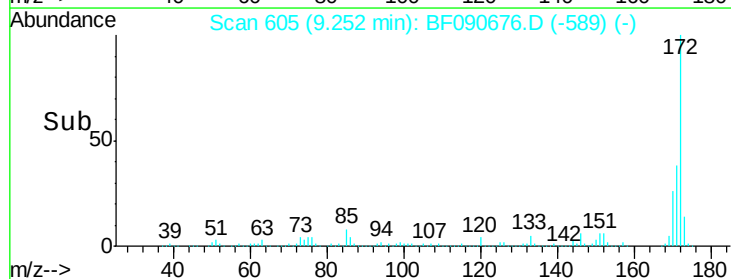
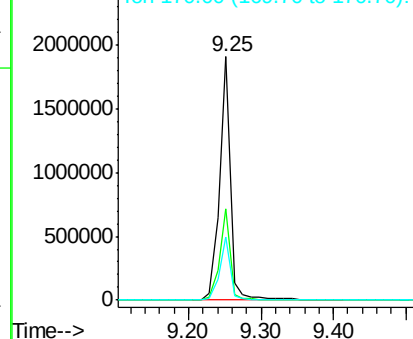


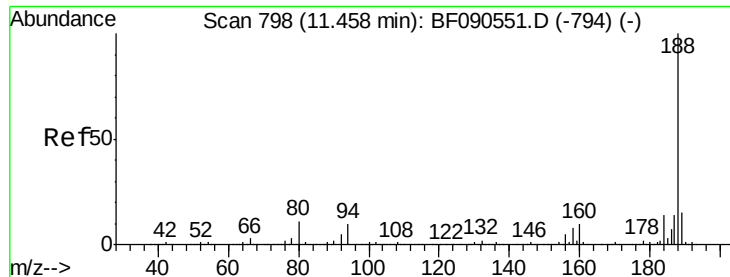
#44
 2-Fluorobiphenyl
 Concen: 66.45 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090676.D
 Acq: 20 Oct 2016 5:44

Tgt Ion:172 Resp: 2004309
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.1 45.1
 170 25.9 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

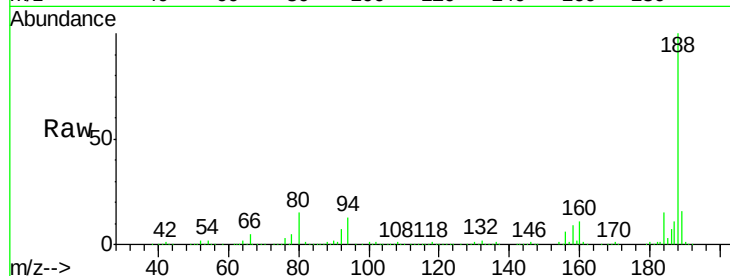




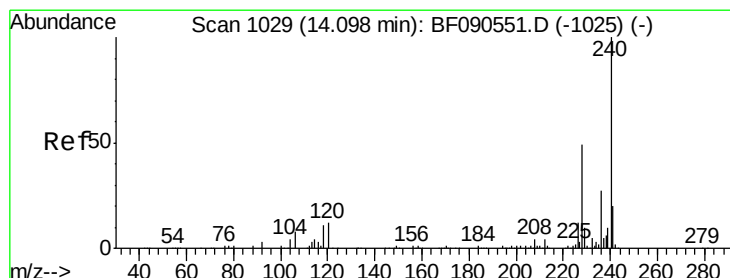
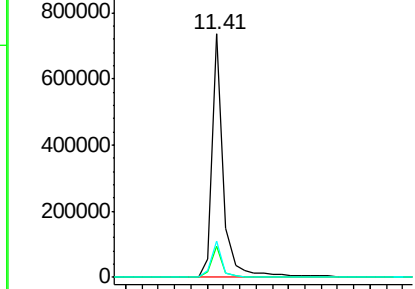
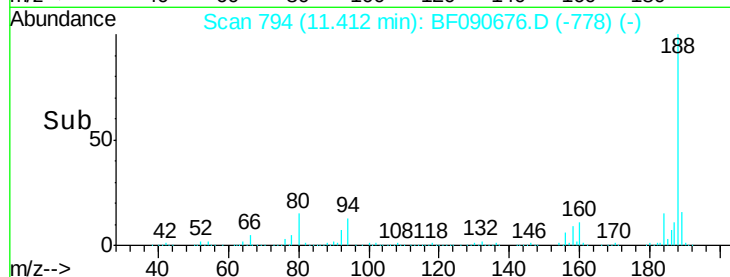
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090676.D
Acq: 20 Oct 2016 5:44

Instrument :
BNA_F
ClientSampleId :
PB94156TB

Tot Ion:188 Resp: 731785
Ion Ratio Lower Upper
188 100
94 13.0 7.7 11.5#
80 14.9 8.6 12.8#

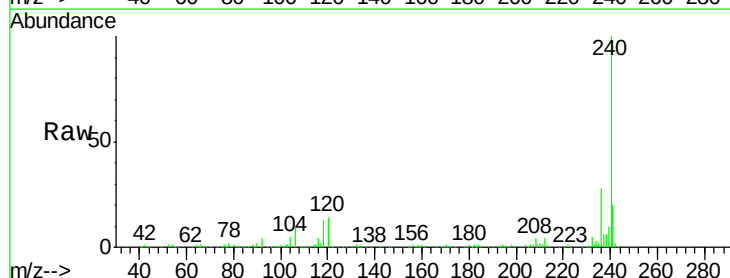


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

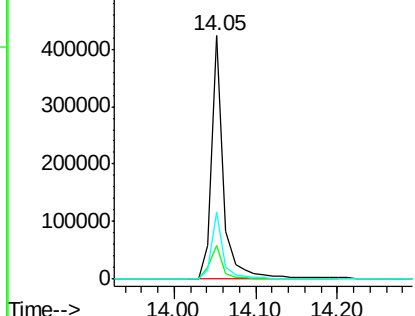
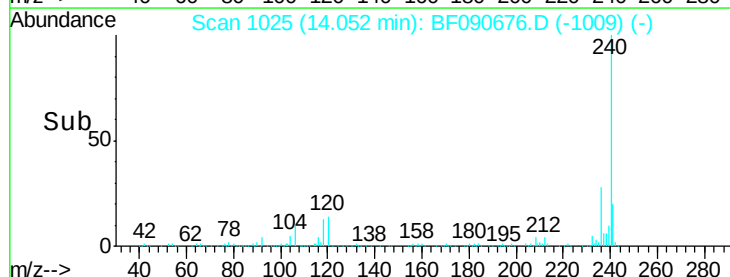


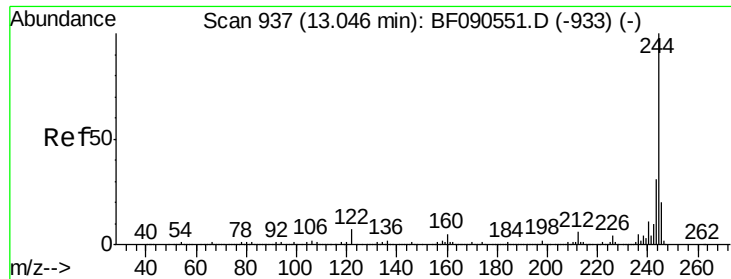
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090676.D
Acq: 20 Oct 2016 5:44

Tgt Ion:240 Resp: 448534
Ion Ratio Lower Upper
240 100
120 14.0 9.8 14.8
236 27.6 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: 75.24 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090676.D

Acq: 20 Oct 2016 5:44

Instrument :

BNA_F

ClientSampleId :

PB94156TB

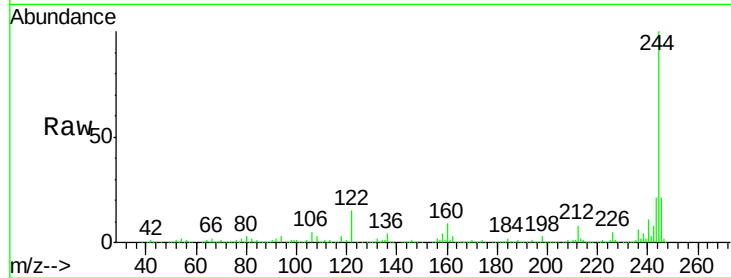
Tot Ion:244 Resp: 1449491

Ion Ratio Lower Upper

244 100

212 8.0 5.0 7.4#

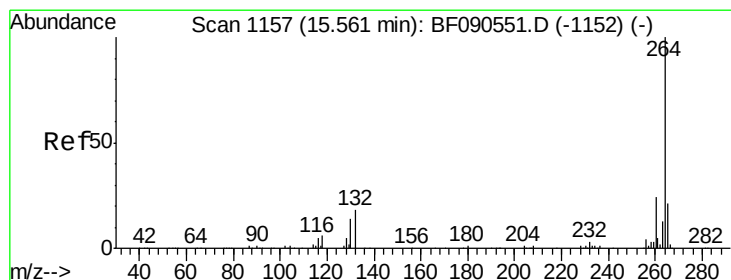
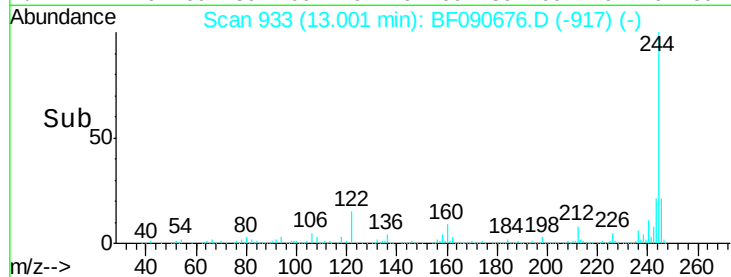
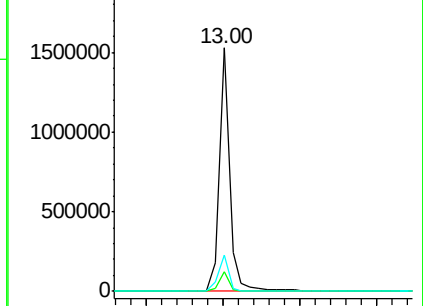
122 15.1 5.6 8.4#



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: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090676.D

Acq: 20 Oct 2016 5:44

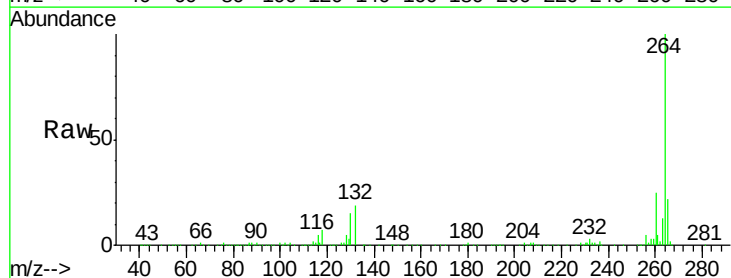
Tgt Ion:264 Resp: 417522

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 21.7 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

