

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090544.D
 Acq On : 12 Oct 2016 19:16
 Operator : UM/SJ
 Sample : PB93974TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93974TB

Quant Time: Oct 13 00:53:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	214570	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	897053	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	471629	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	841789	20.00	ng	0.00
75) Chrysene-d12	14.12	240	658039	20.00	ng	-0.01
86) Perylene-d12	15.60	264	463323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1337133	96.95	ng	0.01
7) Phenol-d6	6.59	99	1942539	111.61	ng	0.00
23) Nitrobenzene-d5	7.51	82	1144360	69.19	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	493865	105.64	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2066192	73.62	ng	-0.01
78) Terphenyl-d14	13.07	244	2110240	78.37	ng	-0.01

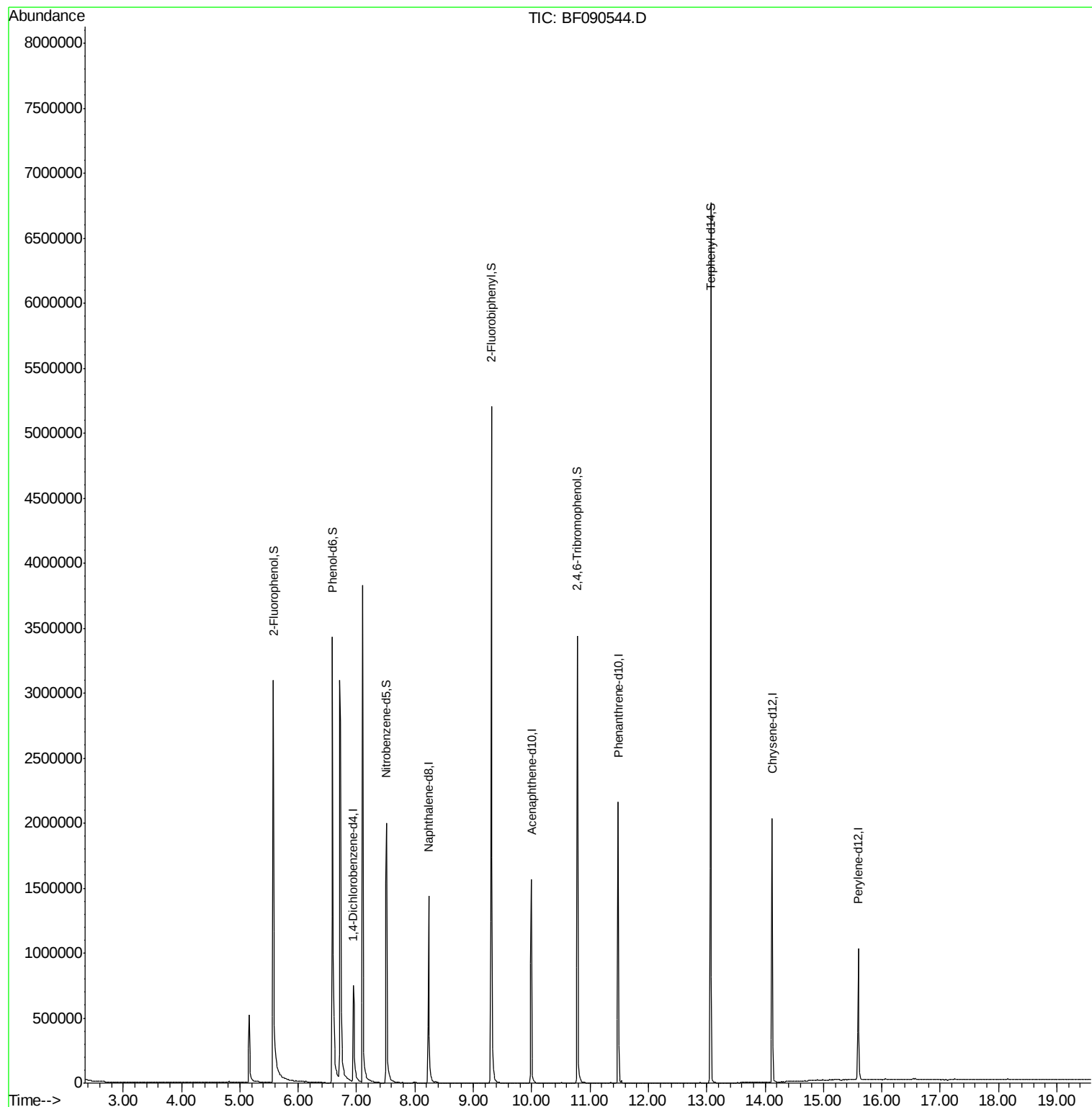
Target Compounds Qvalue

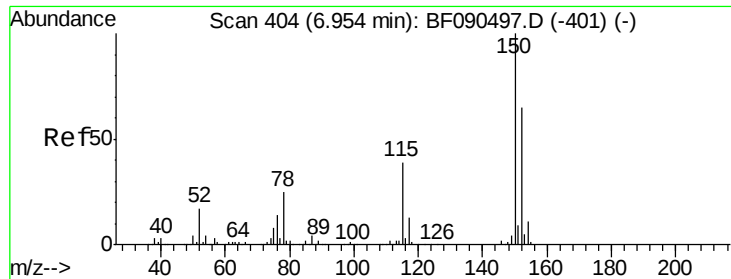
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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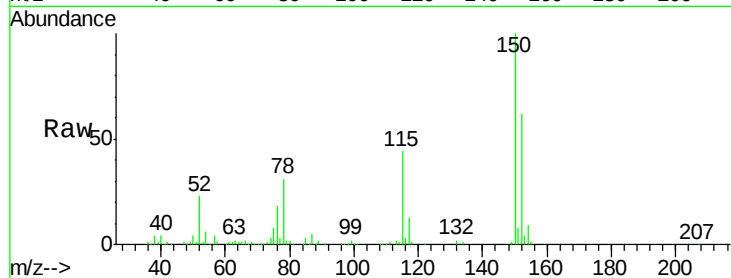


#1

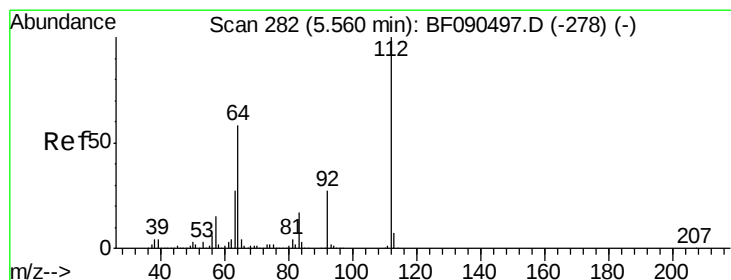
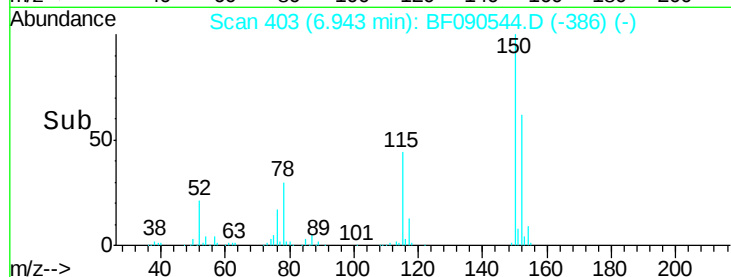
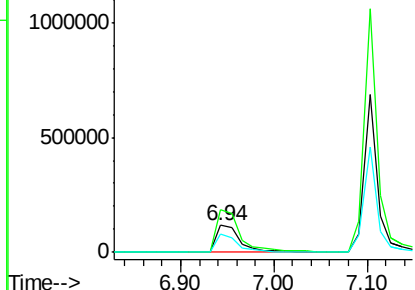
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB93974TB

Tot Ion:152 Resp: 214570
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 70.6 46.2 69.4#



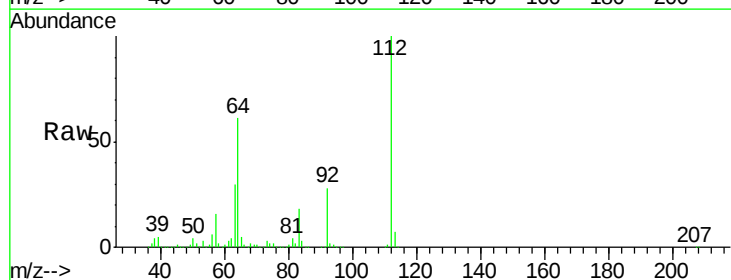
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



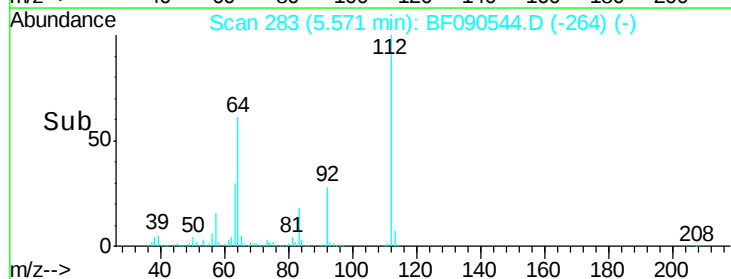
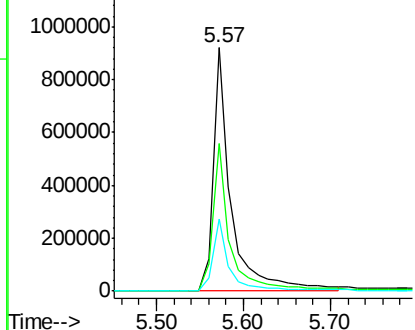
#5

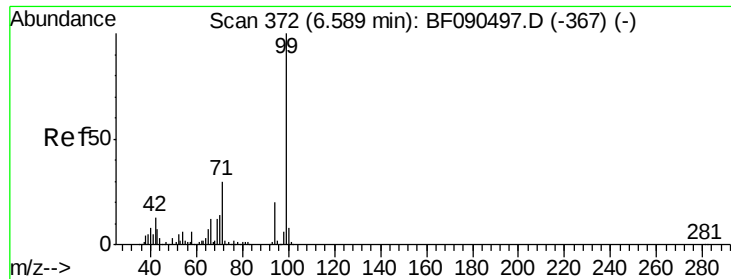
2-Fluorophenol
Concen: 96.95 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Tgt Ion:112 Resp: 1337133
Ion Ratio Lower Upper
112 100
64 60.8 57.9 86.9
63 29.6 29.6 44.4#



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: 111.61 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Instrument :

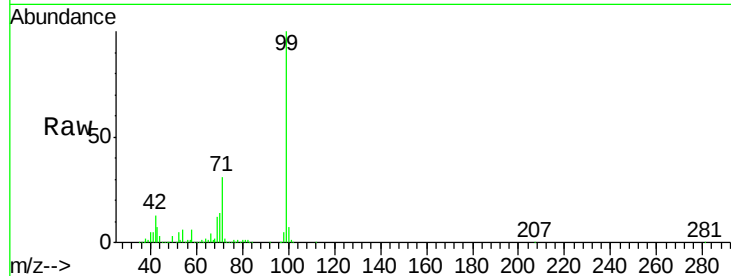
BNA_F

ClientSampleId :

PB93974TB

Tot Ion: 99 Resp: 1942539

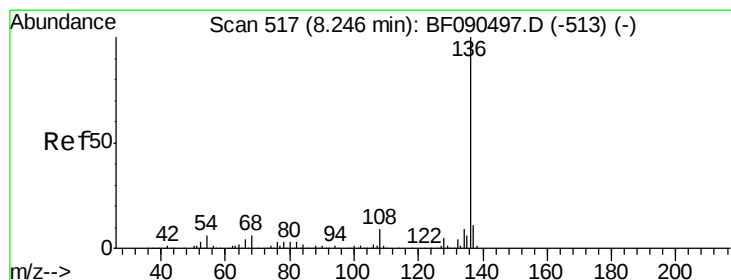
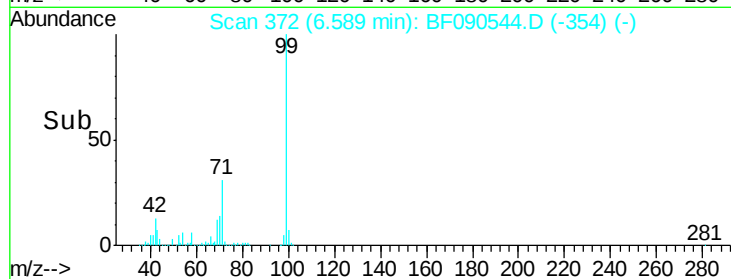
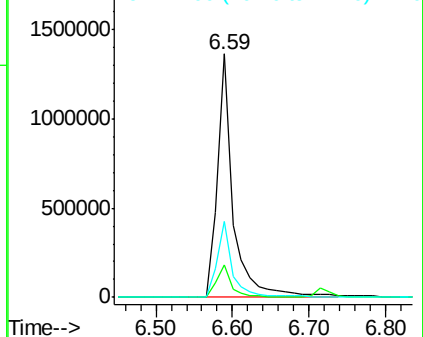
Ion	Ratio	Lower	Upper
99	100		
42	13.4	20.0	30.0#
71	31.1	27.9	41.9



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: 8.23 min Scan# 516

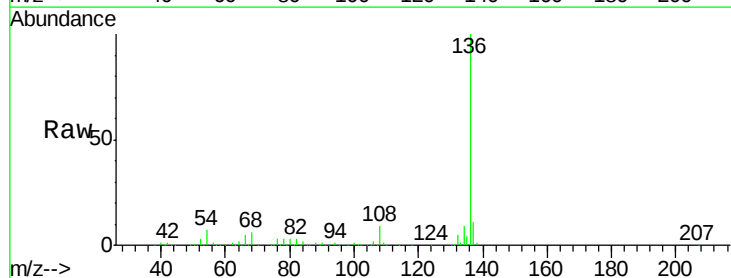
Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Tgt Ion: 136 Resp: 897053

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.7	6.6	10.0
68	6.5	5.0	7.6

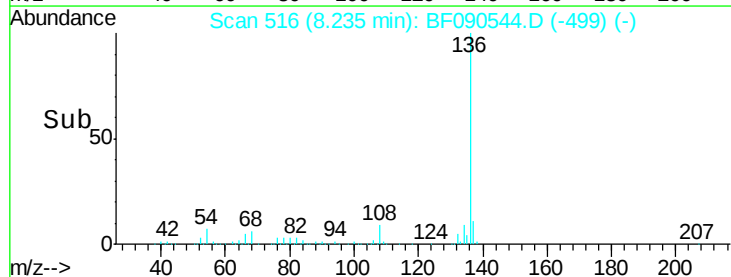
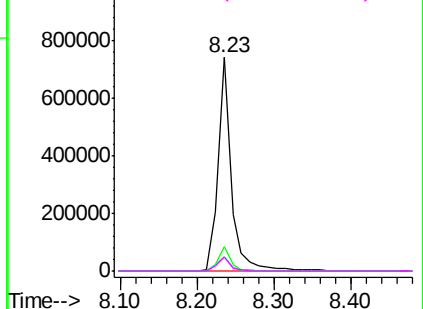


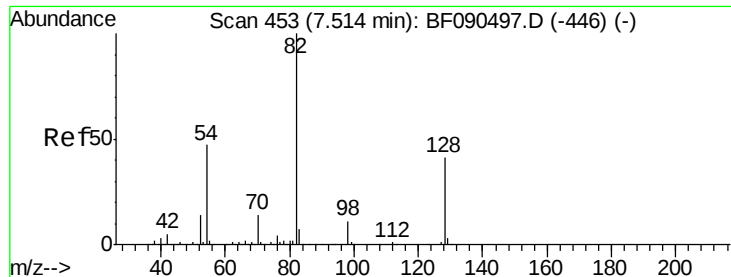
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.19 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleID :

PB93974TB

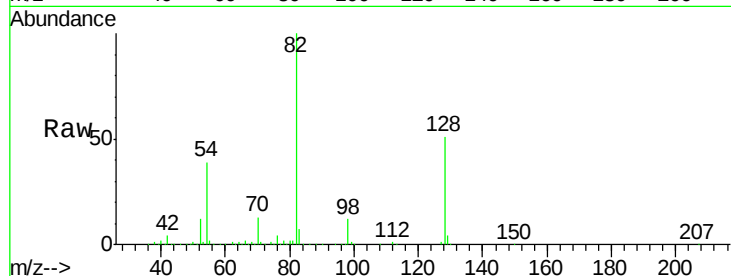
Tot Ion: 82 Resp: 1144360

Ion Ratio Lower Upper

82 100

128 50.7 40.0 60.0

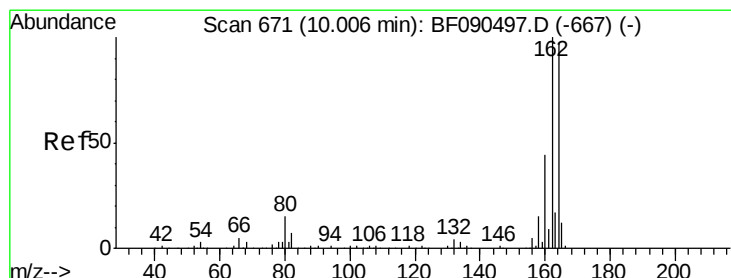
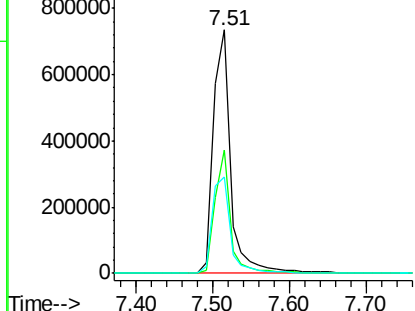
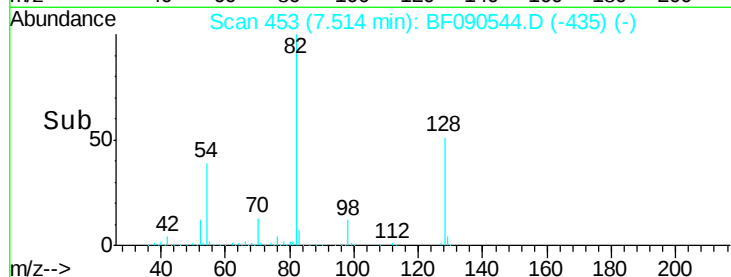
54 39.5 42.6 64.0#



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: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

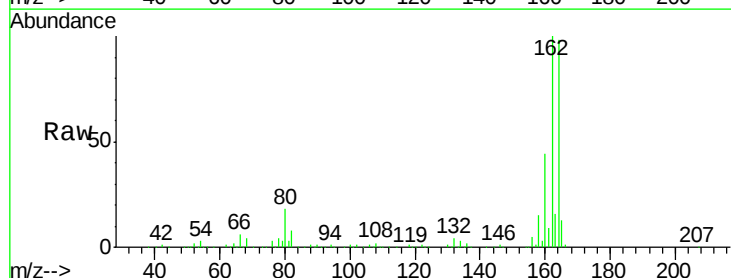
Tgt Ion:164 Resp: 471629

Ion Ratio Lower Upper

164 100

162 102.4 80.1 120.1

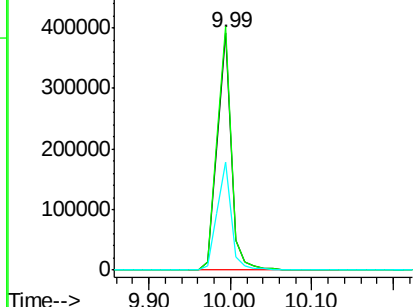
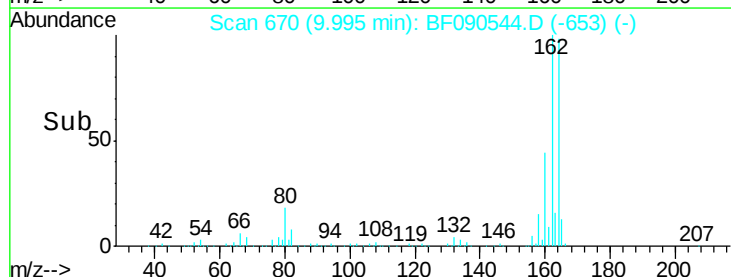
160 45.6 36.3 54.5

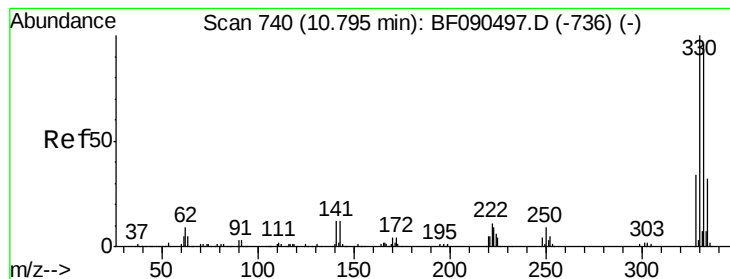


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 105.64 ng

RT: 10.78 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB93974TB

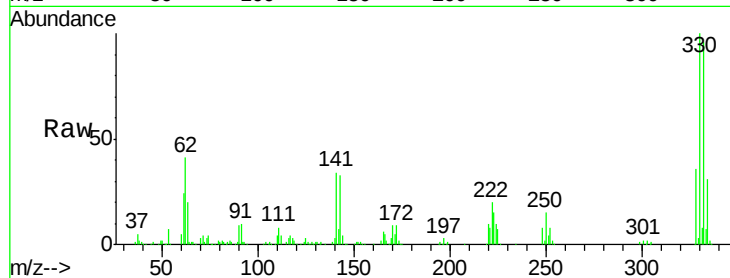
Tot Ion:330 Resp: 493865

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.0

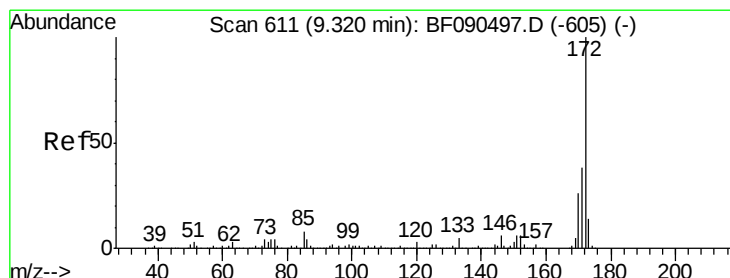
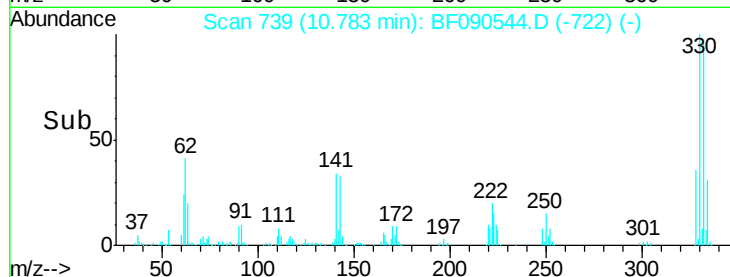
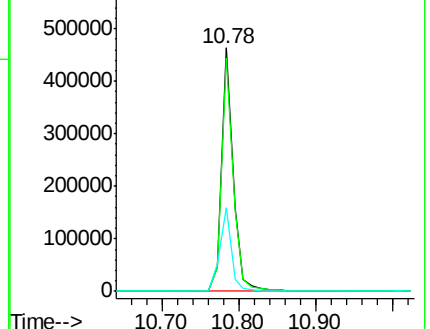
141 34.8 26.9 40.3



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: 73.62 ng

RT: 9.31 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

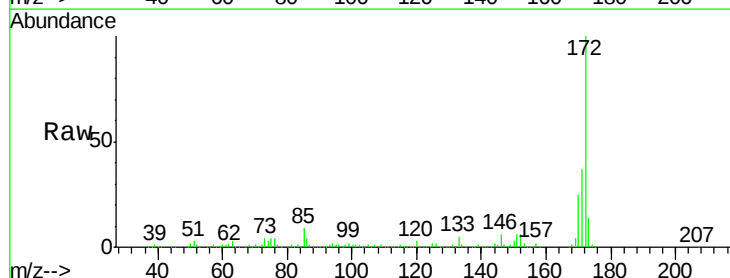
Tgt Ion:172 Resp: 2066192

Ion Ratio Lower Upper

172 100

171 36.9 31.8 47.8

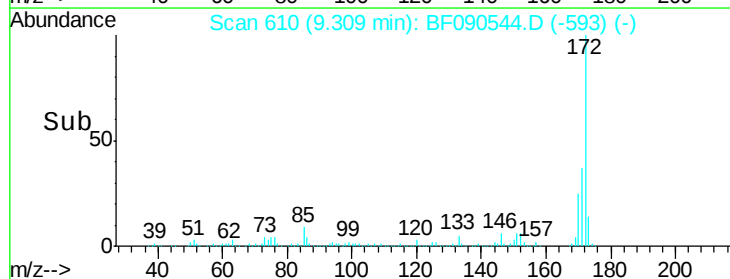
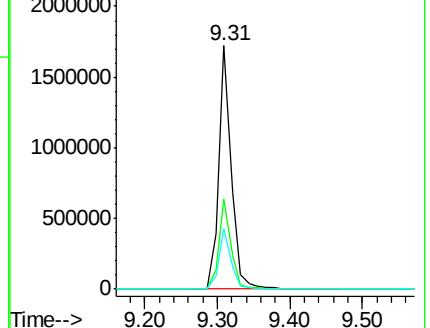
170 25.0 21.7 32.5

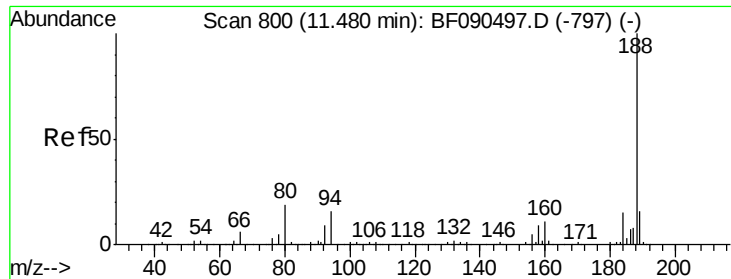


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

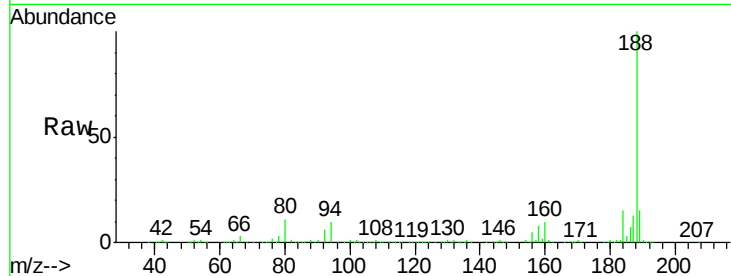




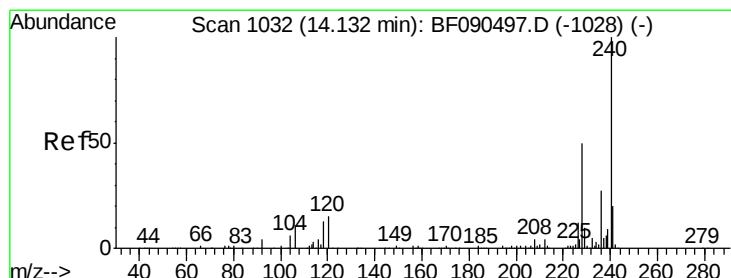
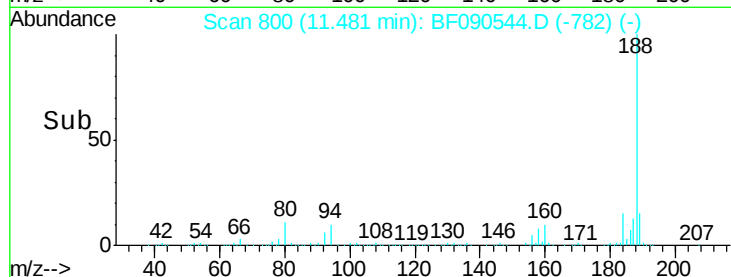
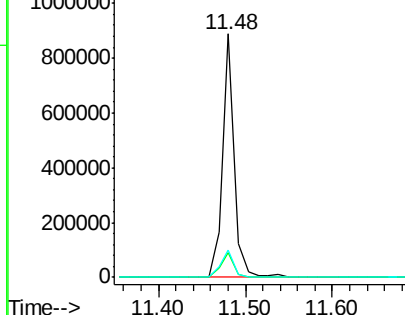
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Instrument :
BNA_F
ClientSampleId :
PB93974TB

Tot Ion:188 Resp: 841789
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.0 8.8 13.2

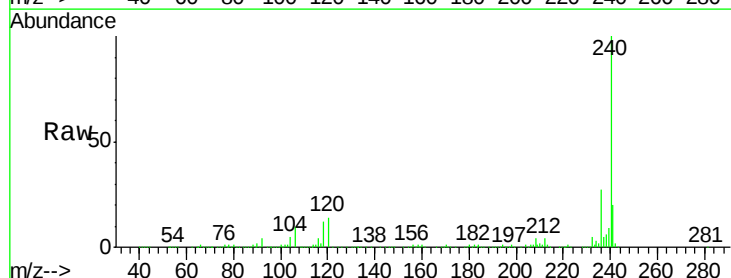


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

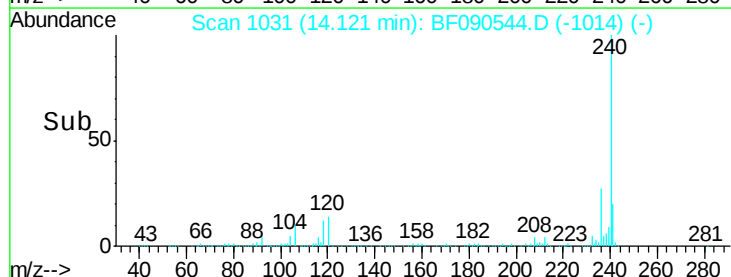
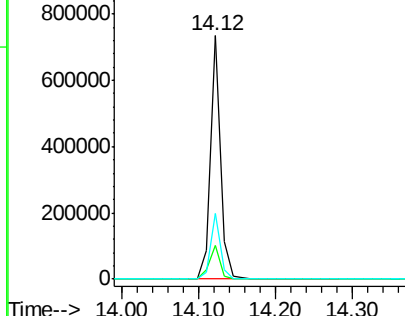


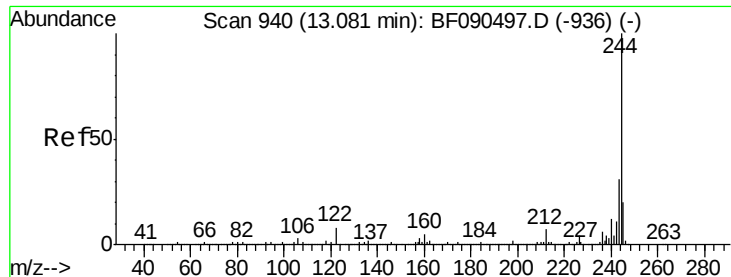
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090544.D
Acq: 12 Oct 2016 19:16

Tgt Ion:240 Resp: 658039
Ion Ratio Lower Upper
240 100
120 13.9 8.6 13.0#
236 26.8 21.6 32.4



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: 78.37 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleId :

PB93974TB

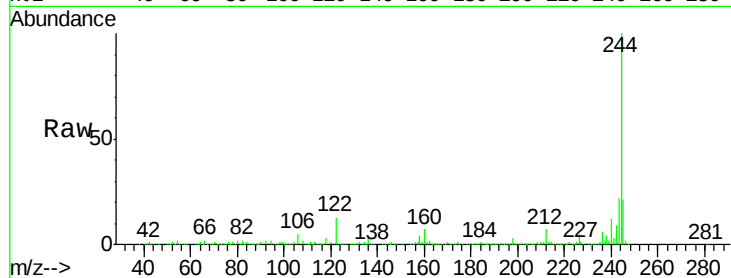
Tot Ion:244 Resp: 2110240

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

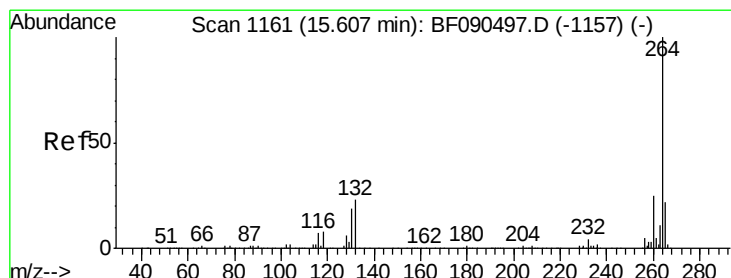
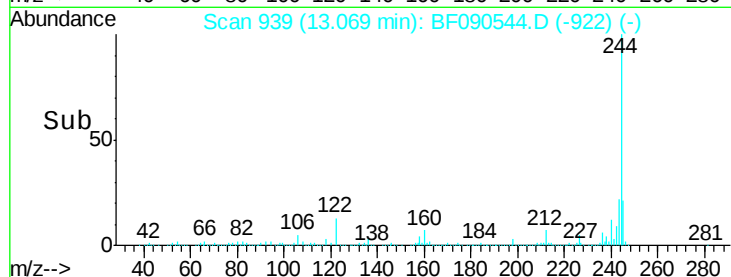
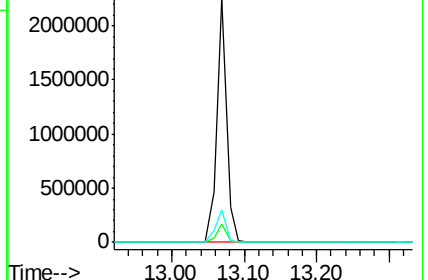
122 13.4 13.3 19.9



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: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090544.D

Acq: 12 Oct 2016 19:16

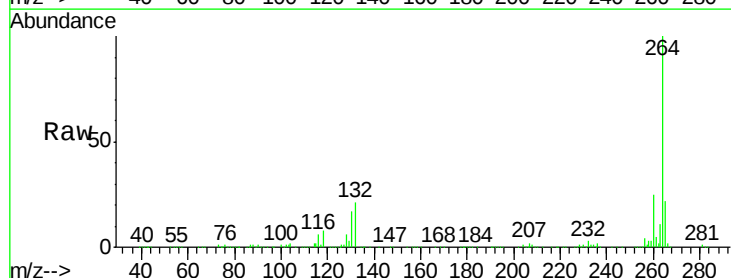
Tgt Ion:264 Resp: 463323

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.6 17.4 26.0



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

