

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090573.D
 Acq On : 14 Oct 2016 17:02
 Operator : UM/SJ
 Sample : PB94017BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Quant Time: Oct 14 17:35:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	267057	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1107508	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	599874	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	915729	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	615439	20.00	ng	0.00
86) Perylene-d12	15.55	264	485556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1564441	107.39	ng	0.00
7) Phenol-d6	6.55	99	2159276	99.75	ng	0.00
23) Nitrobenzene-d5	7.48	82	1363221	68.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	469076	87.71	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2370143	65.10	ng	0.00
78) Terphenyl-d14	13.05	244	2274395	86.05	ng	0.00

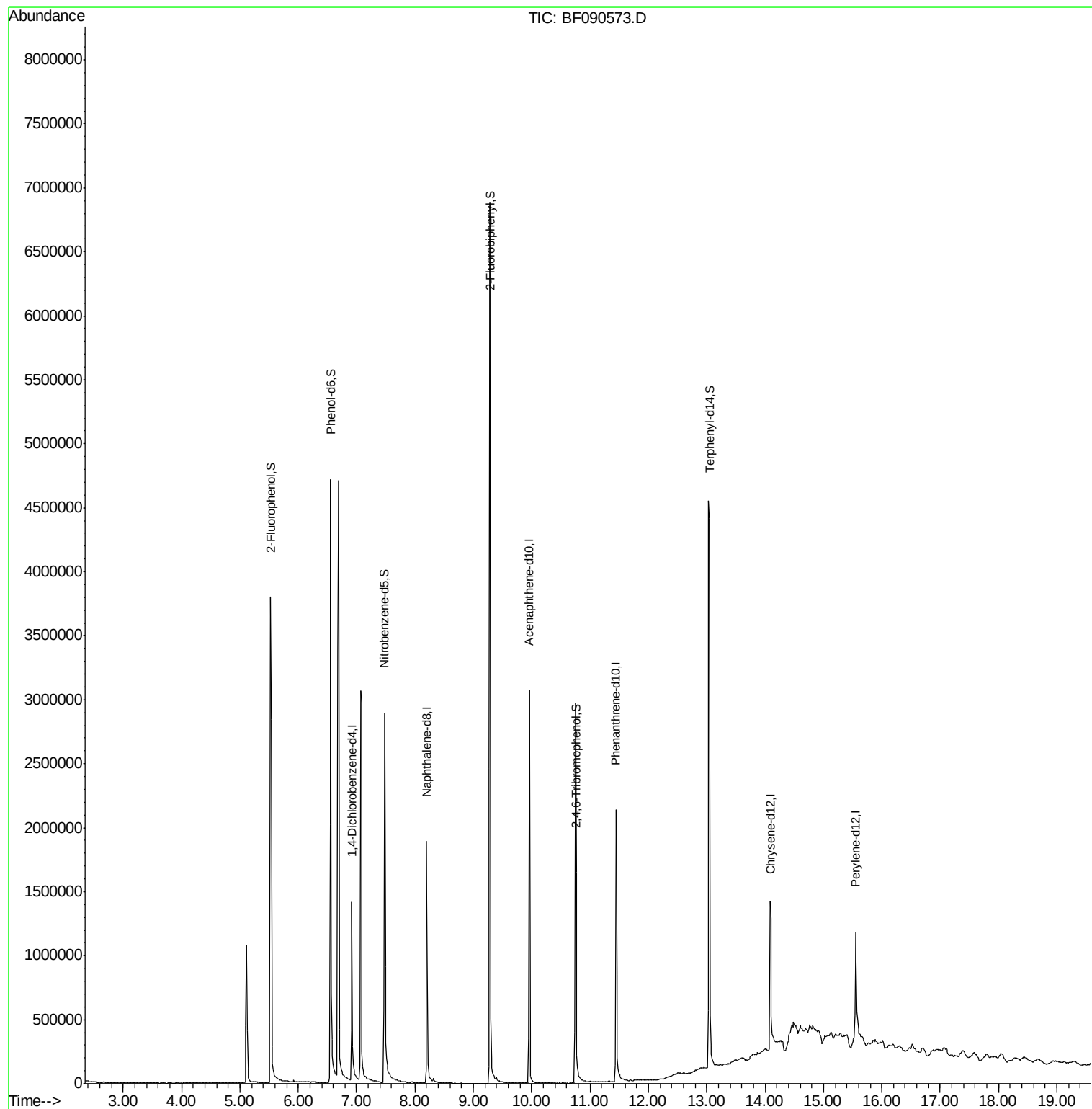
Target Compounds Qvalue

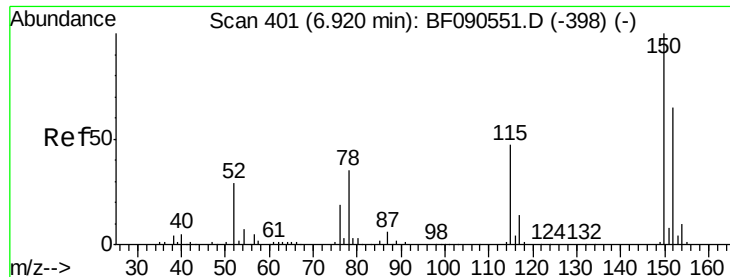
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

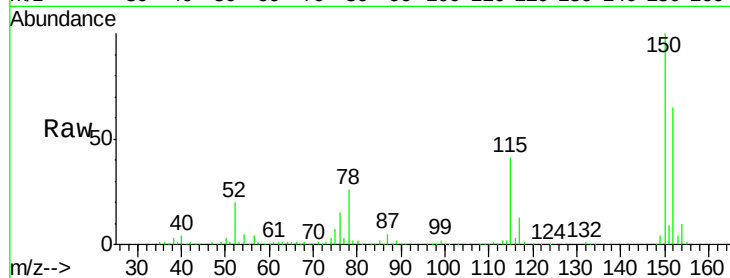
Tot Ion:152 Resp: 267057

Ion Ratio Lower Upper

152 100

150 154.0 127.2 190.8

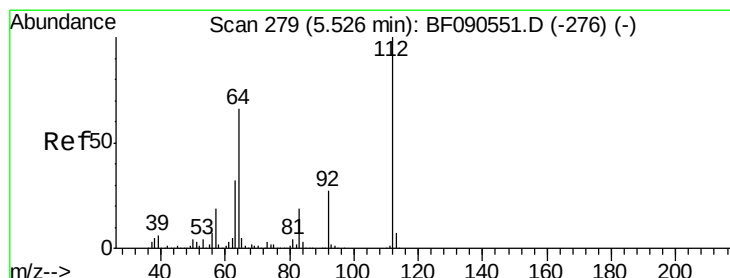
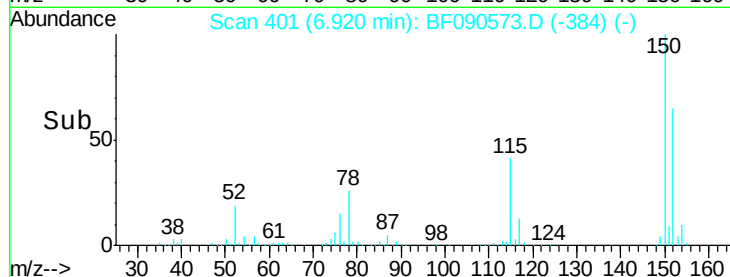
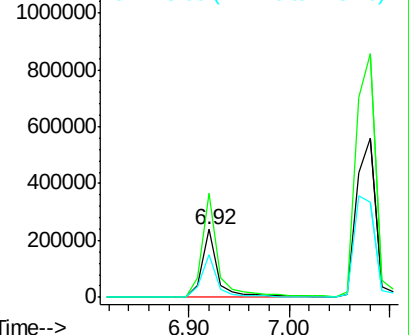
115 62.4 58.6 88.0



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: 107.39 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

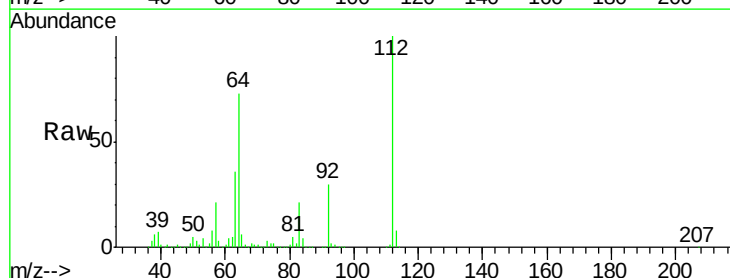
Tgt Ion:112 Resp: 1564441

Ion Ratio Lower Upper

112 100

64 73.0 52.6 78.8

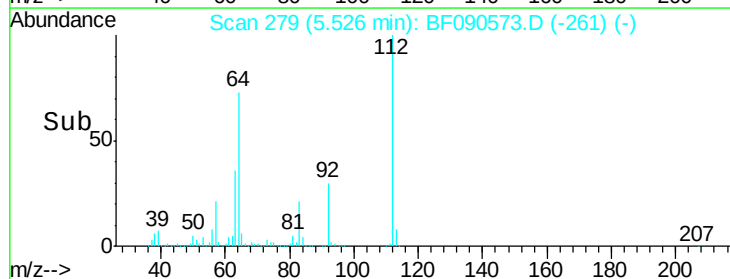
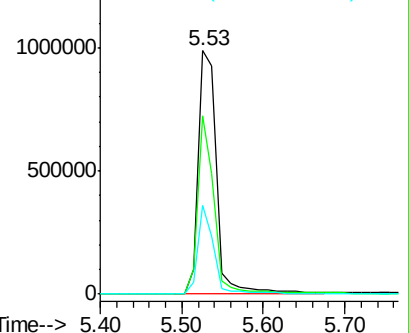
63 36.2 26.0 39.0

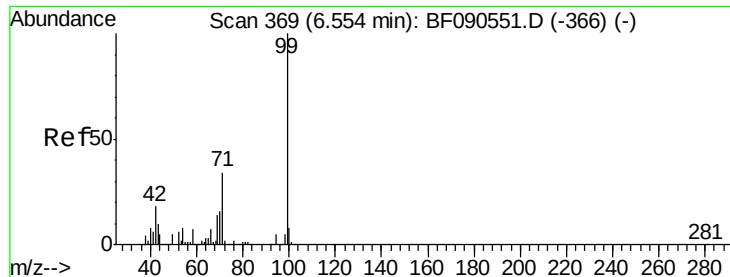


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.75 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

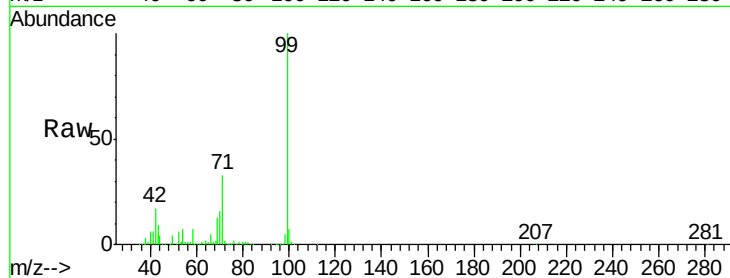
BNA_F

ClientSampleId :

PB94017BL

Tot Ion: 99 Resp: 2159276

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.7	22.1
71	33.4	27.6	41.4

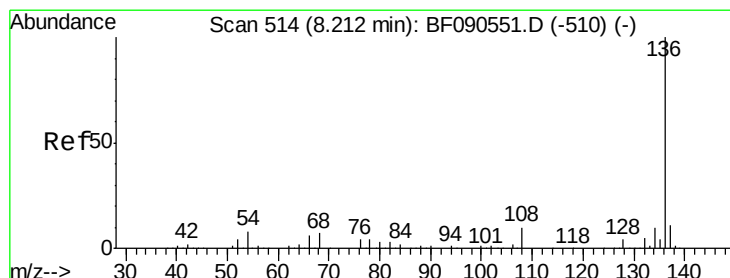
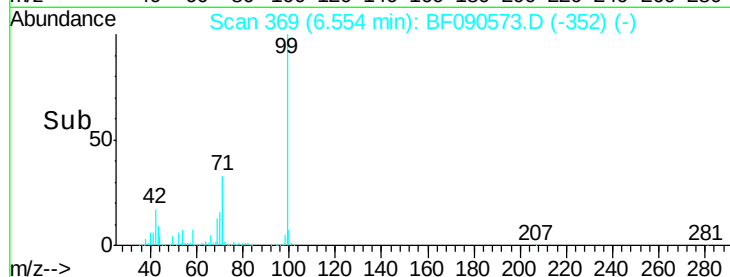
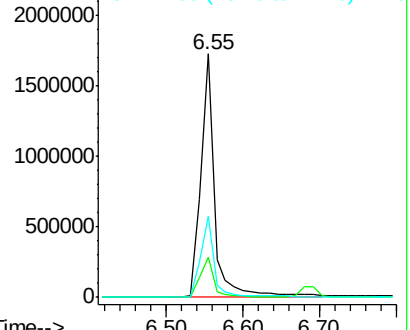


Abundance

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: 8.20 min Scan# 513

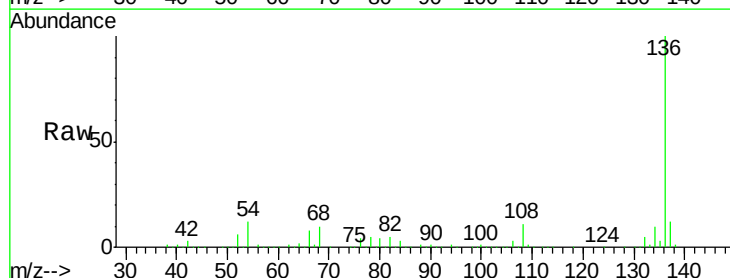
Delta R.T. -0.01 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Tgt Ion: 136 Resp: 1107508

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	12.1	6.8	10.2#
68	10.2	6.0	9.0#



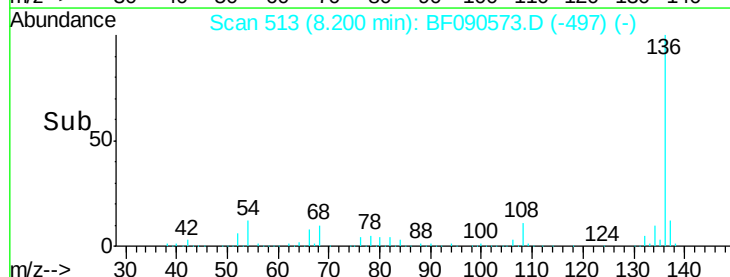
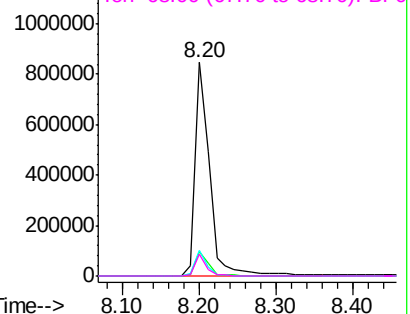
Abundance

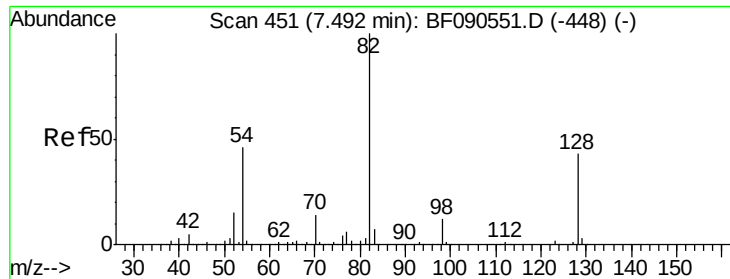
Ion 136.00 (135.70 to 136.70): E

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



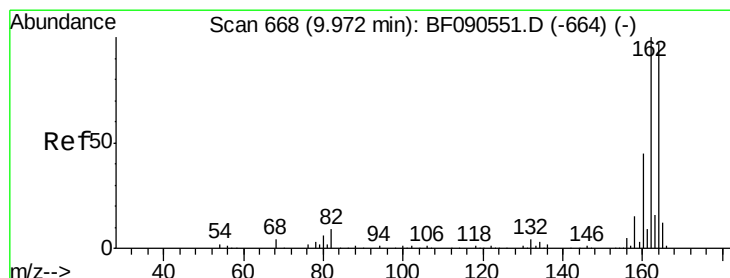
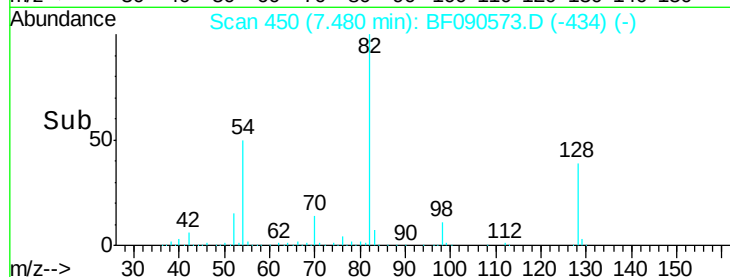
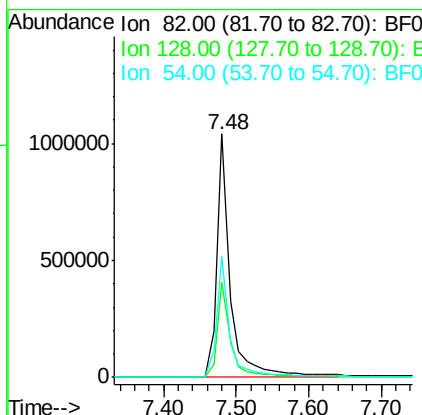
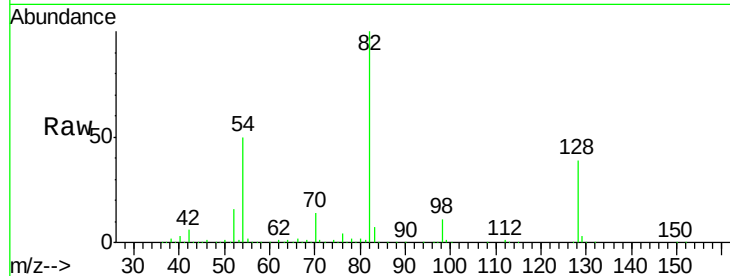


#23
 Nitrobenzene-d5
 Concen: 68.38 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion: 82 Resp: 1363221

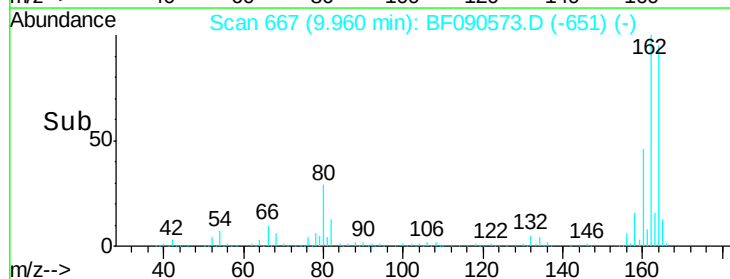
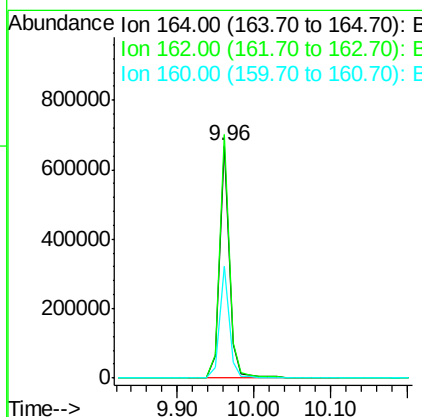
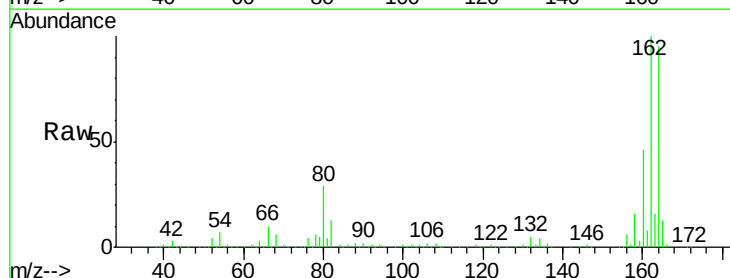
Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.3	51.5
54	49.8	37.0	55.6

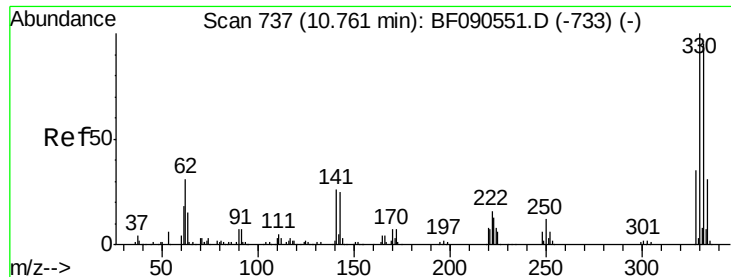


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Tgt Ion:164 Resp: 599874

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	48.3	36.6	55.0

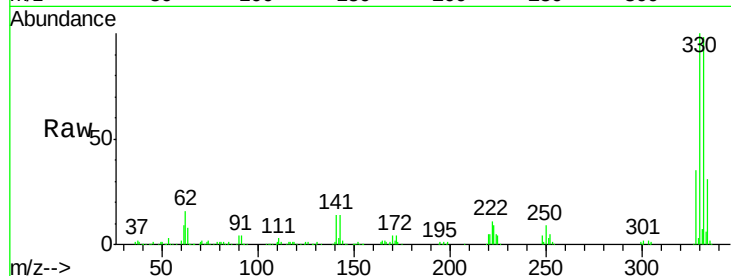




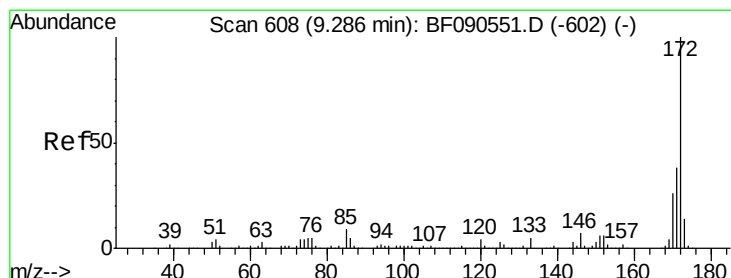
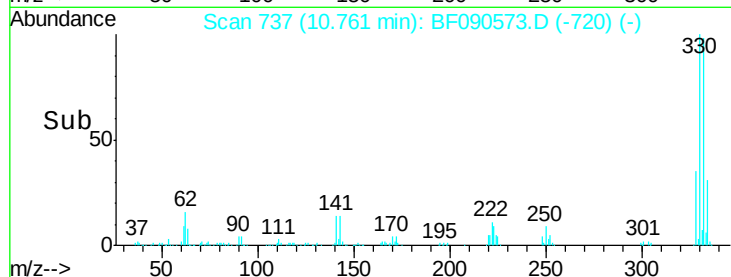
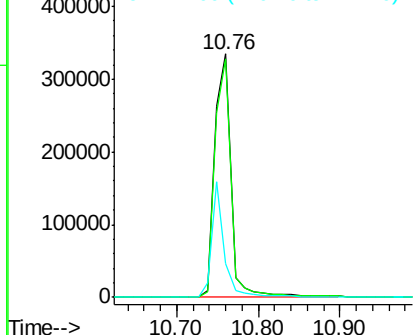
#41
 2,4,6-Tribromophenol
 Concen: 87.71 ng
 RT: 10.76 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion:330 Resp: 469076
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.2
 141 38.0 31.4 47.2

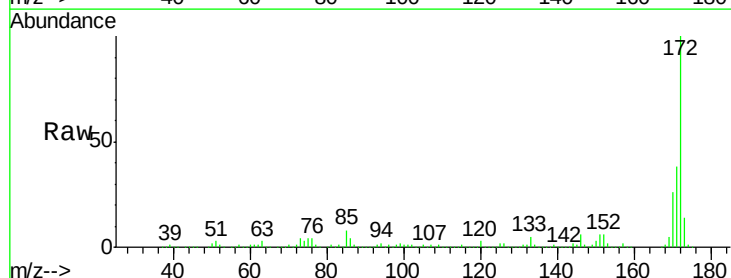


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

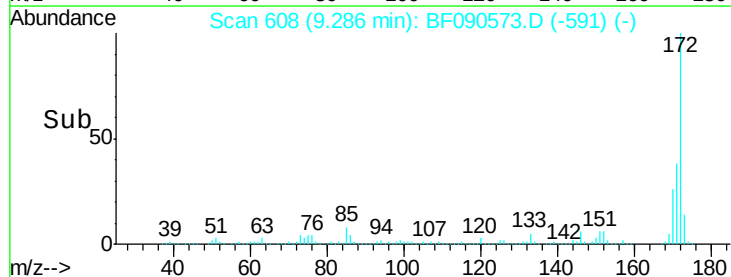
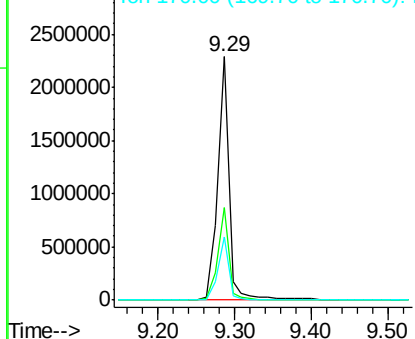


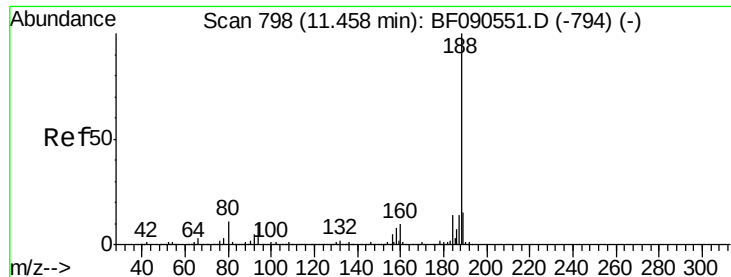
#44
 2-Fluorobiphenyl
 Concen: 65.10 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090573.D
 Acq: 14 Oct 2016 17:02

Tgt Ion:172 Resp: 2370143
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.1 45.1
 170 25.8 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

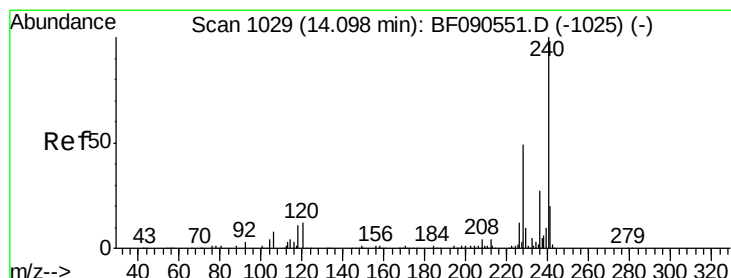
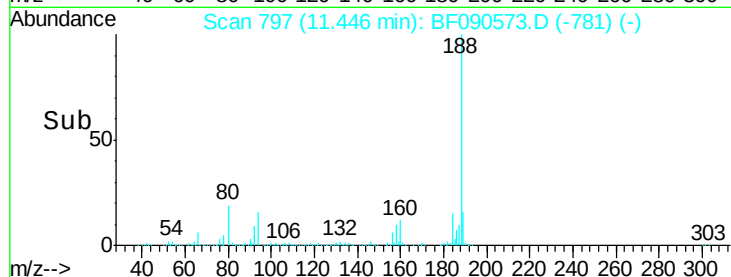
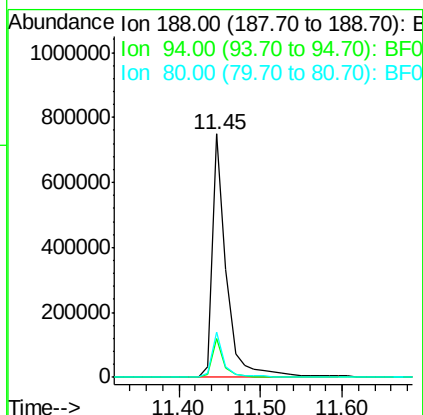
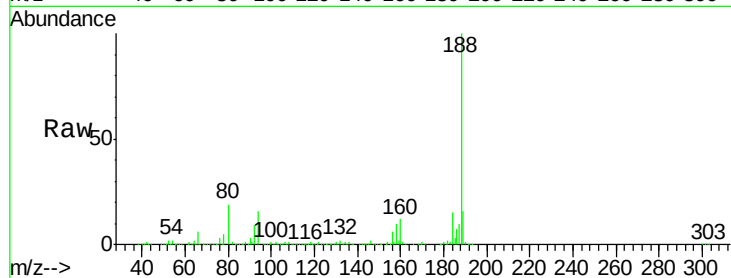




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090573.D
Acq: 14 Oct 2016 17:02

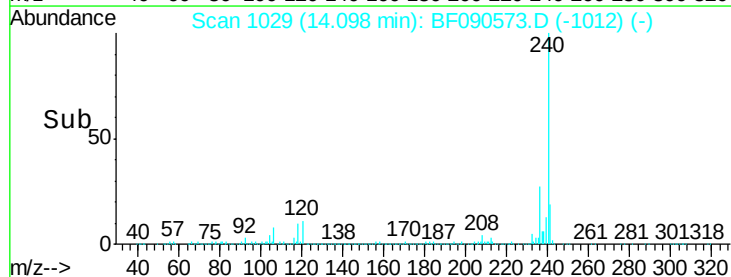
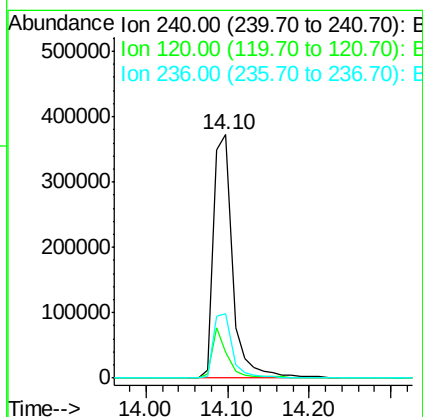
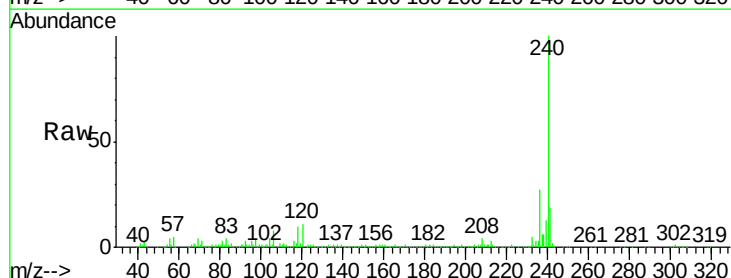
Instrument :
BNA_F
ClientSampleId :
PB94017BL

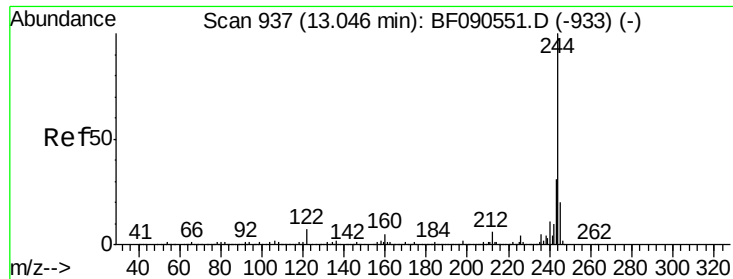
Tot Ion:188 Resp: 915729
Ion Ratio Lower Upper
188 100
94 15.9 7.7 11.5#
80 18.8 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF090573.D
Acq: 14 Oct 2016 17:02

Tgt Ion:240 Resp: 615439
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 26.6 21.7 32.5





#78

Terphenyl-d14

Concen: 86.05 ng

RT: 13.05 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

Instrument :

BNA_F

ClientSampleId :

PB94017BL

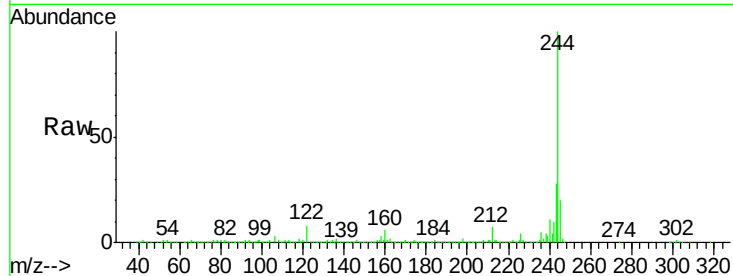
Tot Ion:244 Resp: 2274395

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

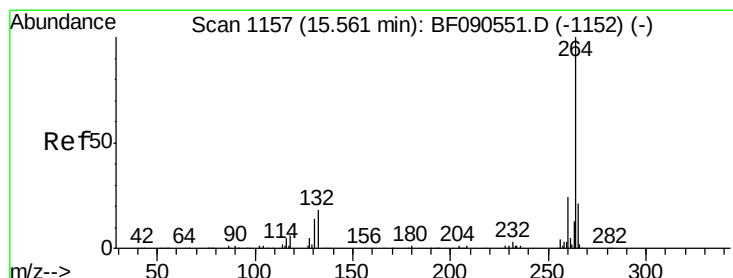
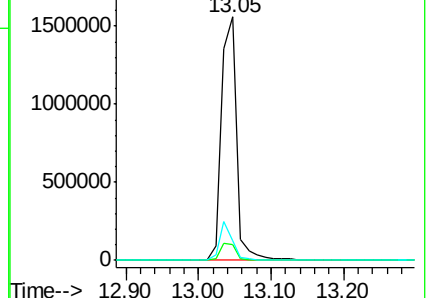
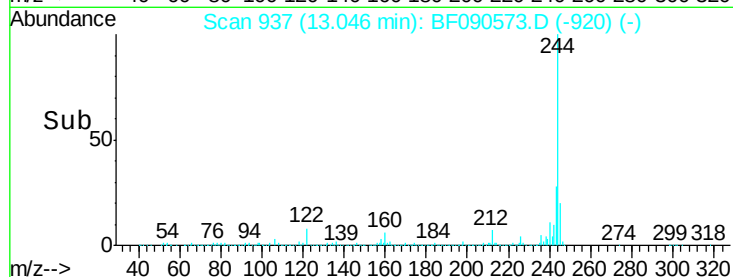
122 8.1 5.6 8.4



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: 15.55 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF090573.D

Acq: 14 Oct 2016 17:02

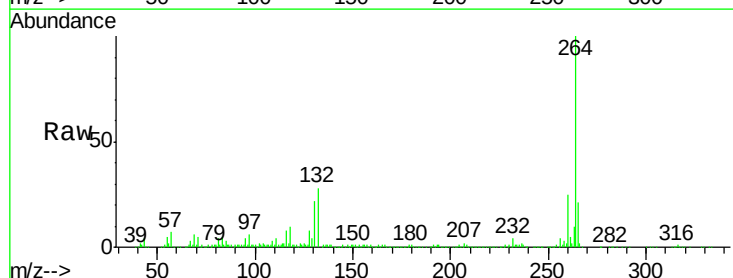
Tgt Ion:264 Resp: 485556

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

265 21.5 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

