

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090197.D
 Acq On : 23 Sep 2016 14:32
 Operator : UM/SJ
 Sample : PB93576BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BL

Quant Time: Sep 23 17:46:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 17:21:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	144111	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	553373	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	283096	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	497296	20.00	ng	0.00
75) Chrysene-d12	13.60	240	429768	20.00	ng	0.00
86) Perylene-d12	14.91	264	339589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	991034	112.09	ng	0.01
7) Phenol-d6	6.15	99	1341950	122.90	ng	0.00
23) Nitrobenzene-d5	7.06	82	775408	81.23	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	353415	145.51	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1306162	90.58	ng	0.00
78) Terphenyl-d14	12.57	244	1183727	69.93	ng	0.00

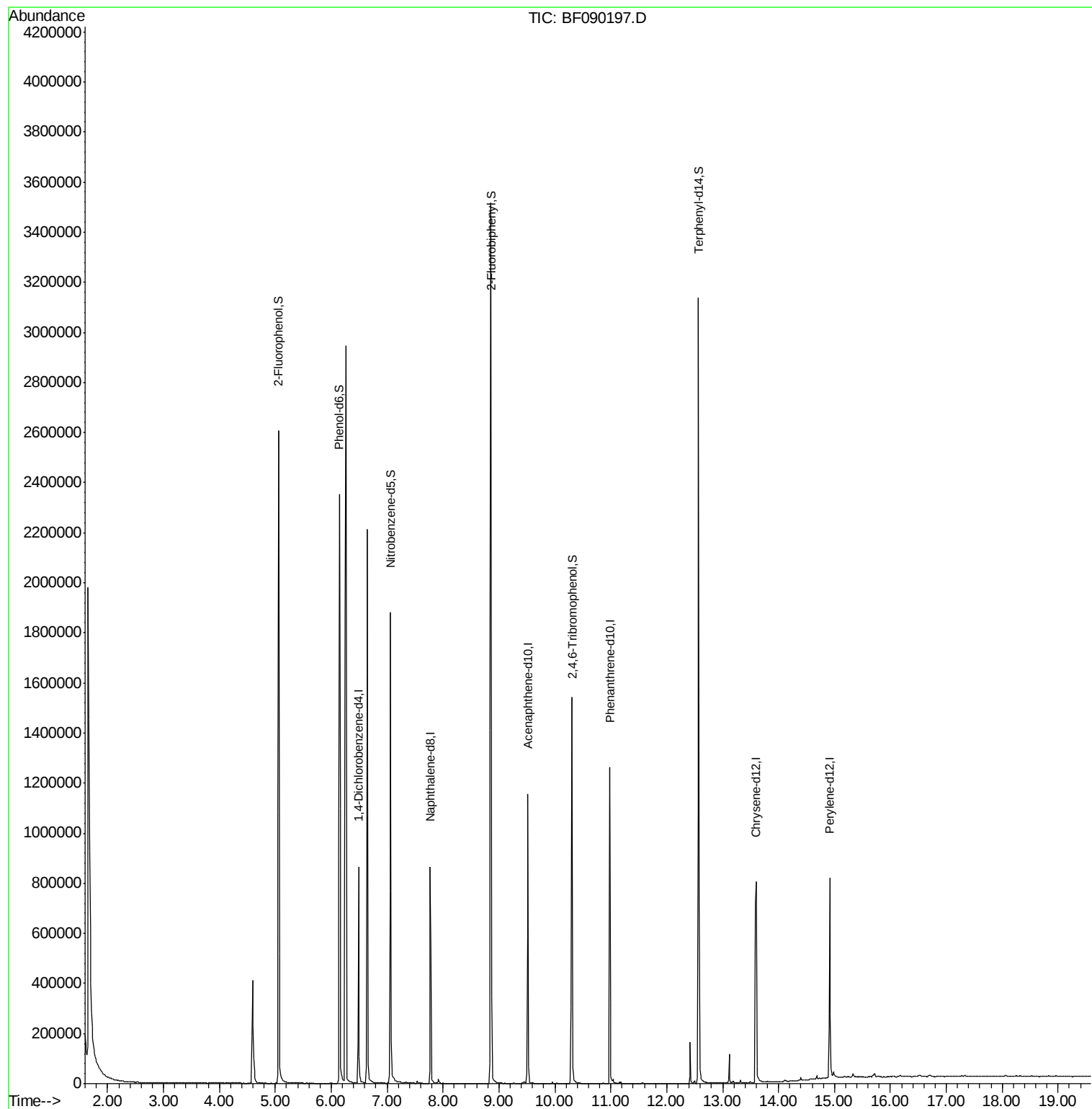
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Instrument :

BNA_F

ClientSampleId :

PB93576BL

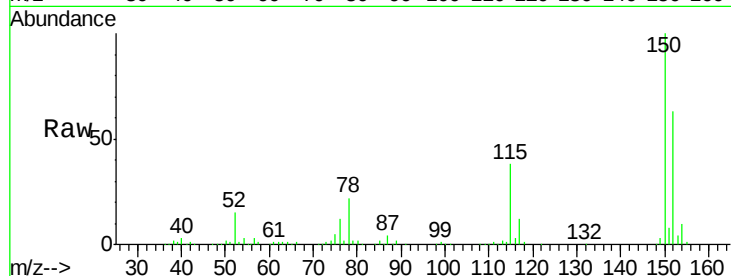
Tot Ion:152 Resp: 144111

Ion Ratio Lower Upper

152 100

150 157.6 128.9 193.3

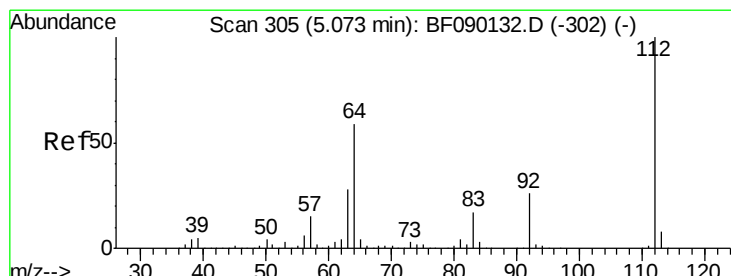
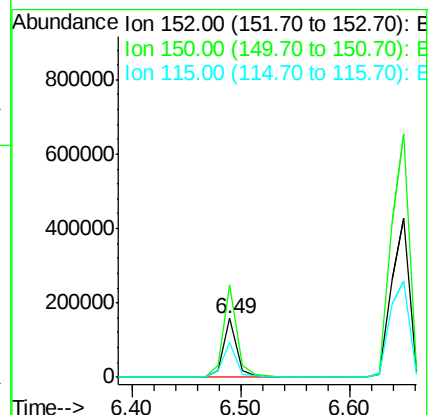
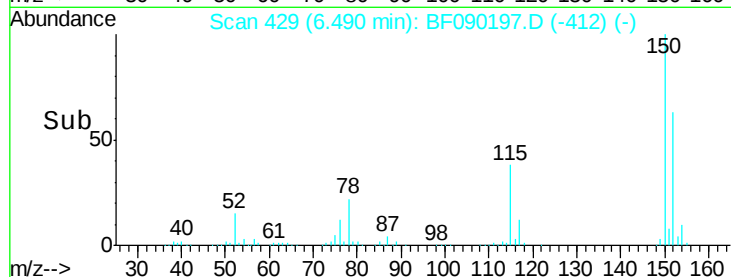
115 60.0 55.5 83.3



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: 112.09 ng

RT: 5.06 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

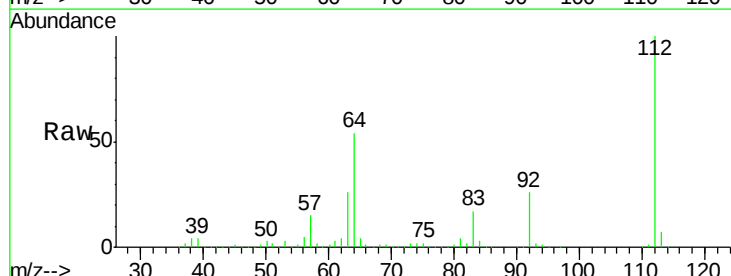
Tgt Ion:112 Resp: 991034

Ion Ratio Lower Upper

112 100

64 53.7 39.8 59.6

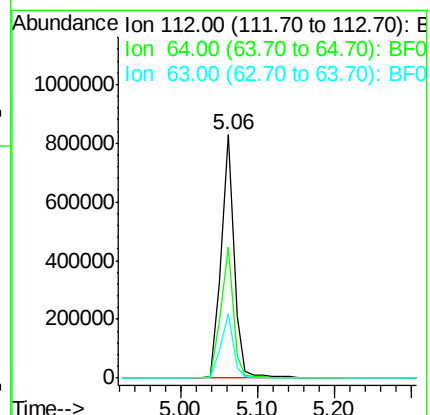
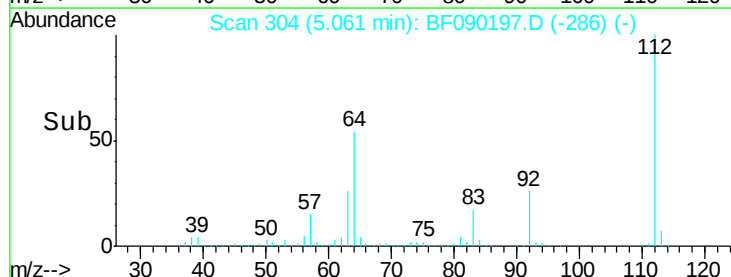
63 26.3 18.9 28.3

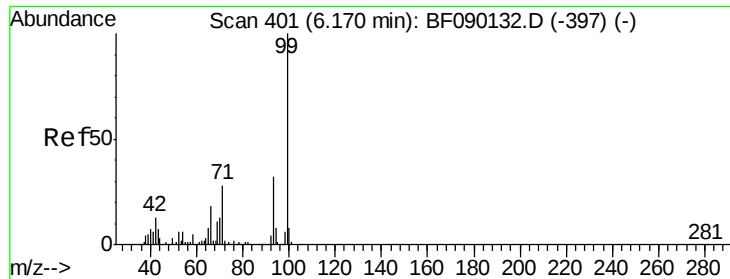


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.90 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Instrument :

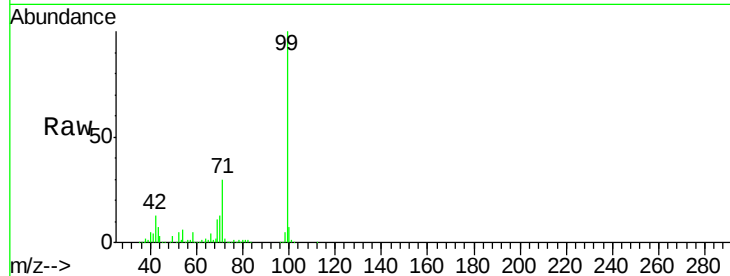
BNA_F

ClientSampleId :

PB93576BL

Tot Ion: 99 Resp: 1341950

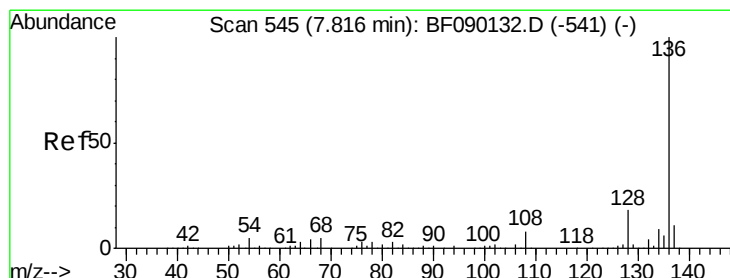
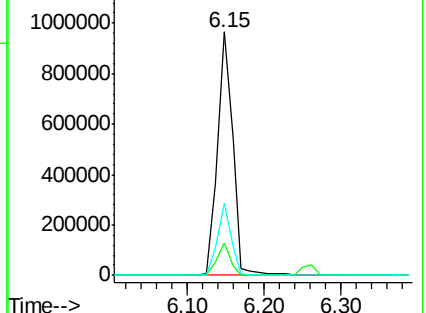
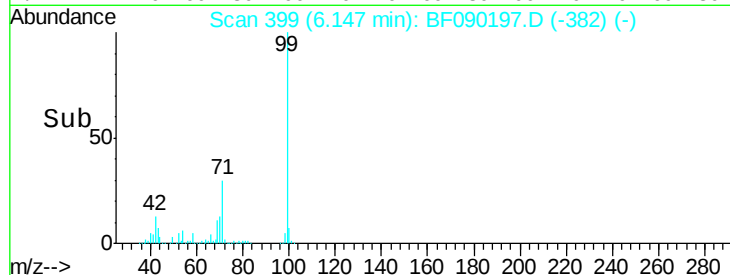
Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.6	15.8
71	29.8	23.0	34.6



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: 7.77 min Scan# 541

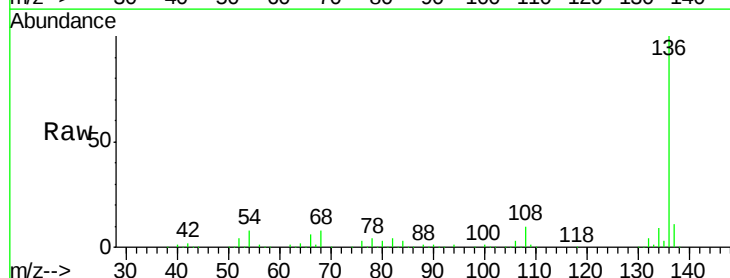
Delta R.T. -0.01 min

Lab File: BF090197.D

Acq: 23 Sep 2016 14:32

Tgt Ion: 136 Resp: 553373

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.3	6.4	9.6
68	7.6	6.3	9.5

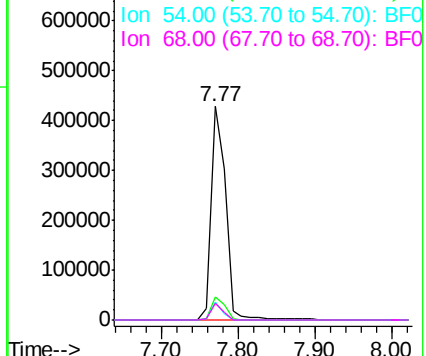
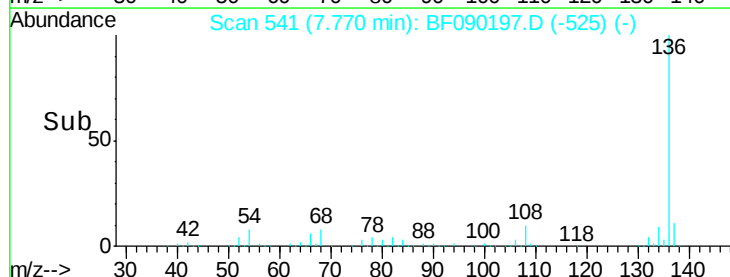


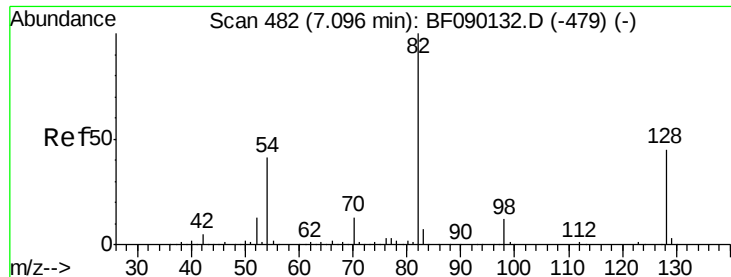
Abundance Ion 136.00 (135.70 to 136.70): E

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

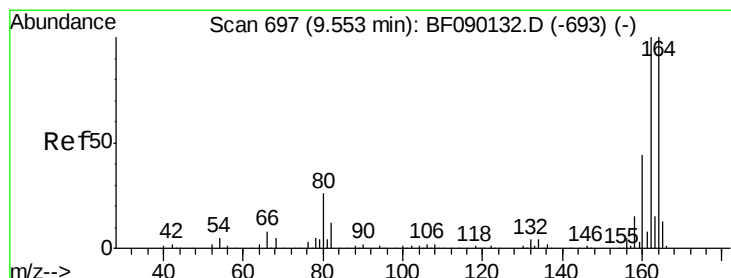
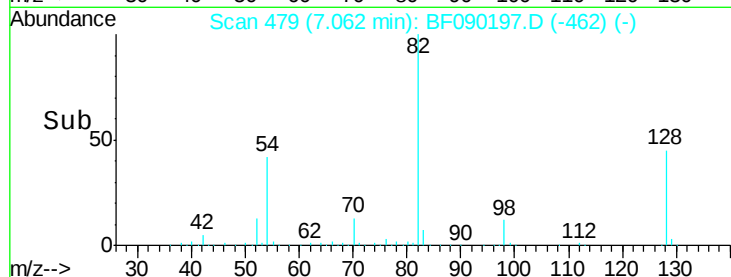
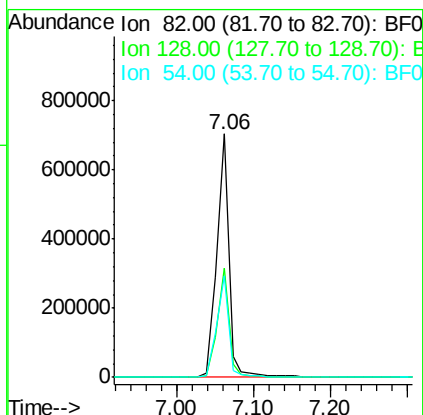
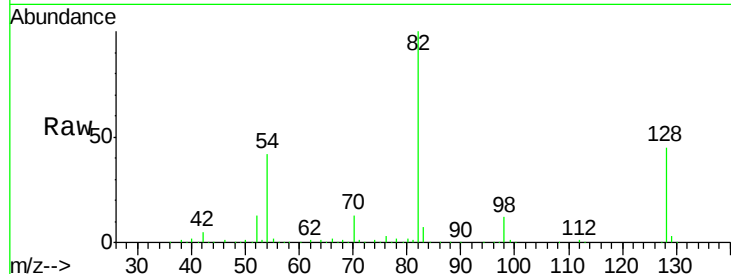




#23
 Nitrobenzene-d5
 Concen: 81.23 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

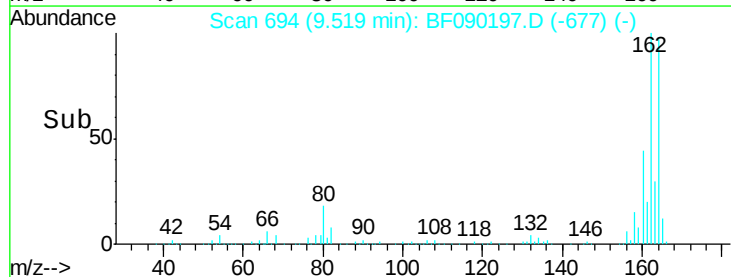
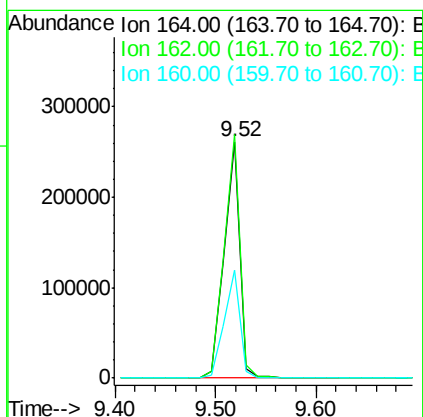
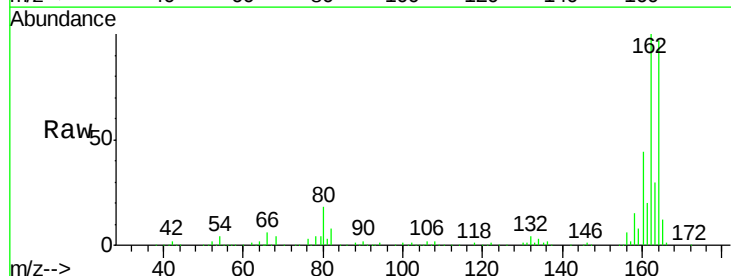
Instrument :
 BNA_F
 ClientSampleId :
 PB93576BL

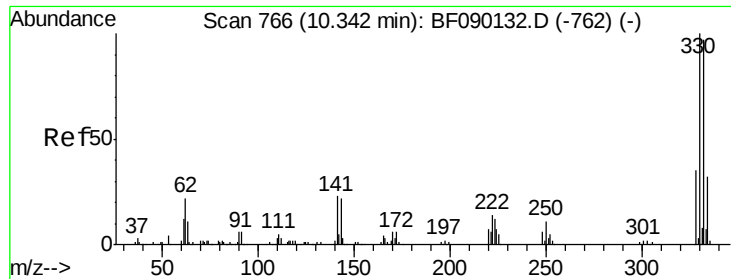
Tot Ion: 82 Resp: 775408
 Ion Ratio Lower Upper
 82 100
 128 44.8 37.5 56.3
 54 41.6 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Tgt Ion: 164 Resp: 283096
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.2
 160 45.8 36.6 54.8

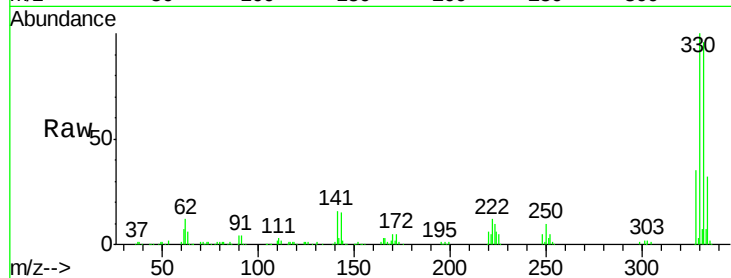




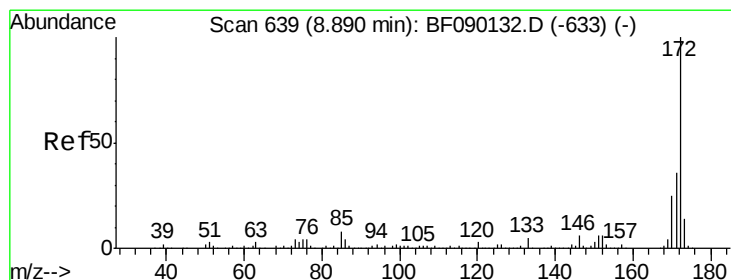
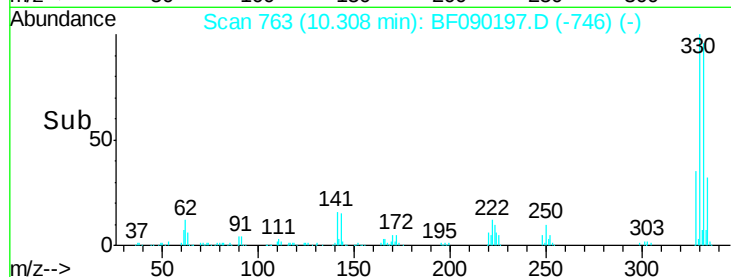
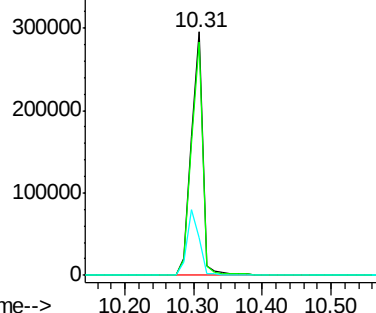
#41
 2,4,6-Tribromophenol
 Concen: 145.51 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	29.0	23.9	35.9

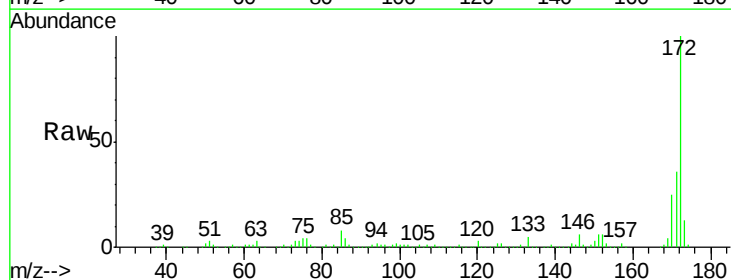


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

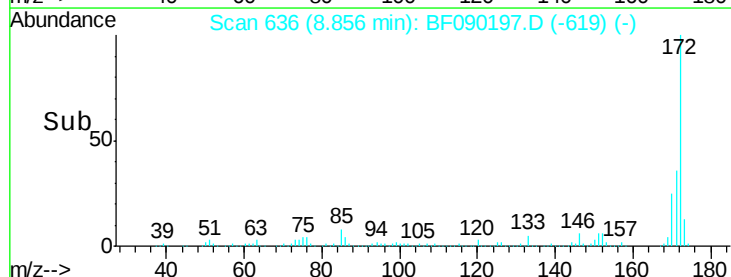
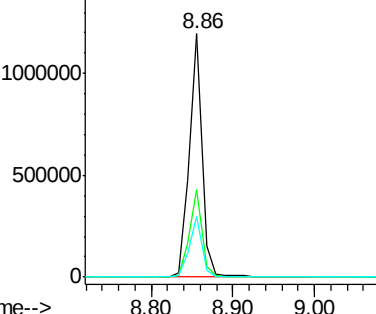


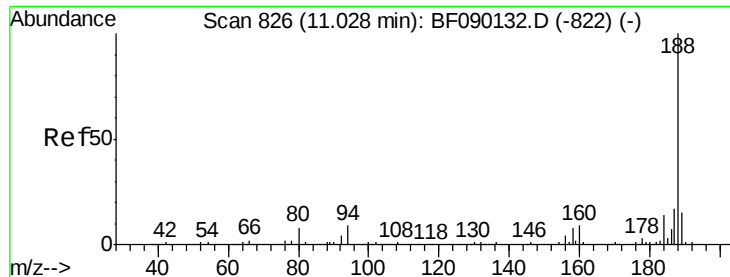
#44
 2-Fluorobiphenyl
 Concen: 90.58 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.7	19.8	29.8



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

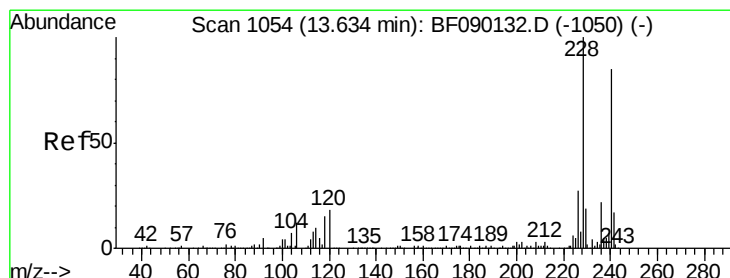
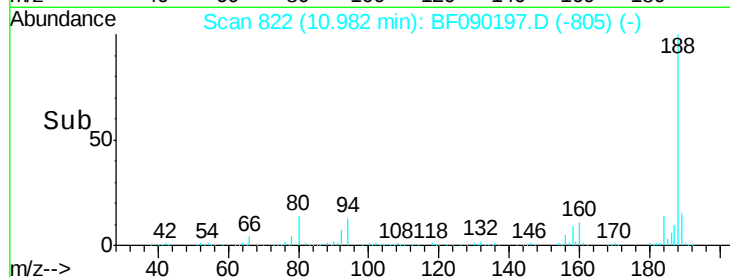
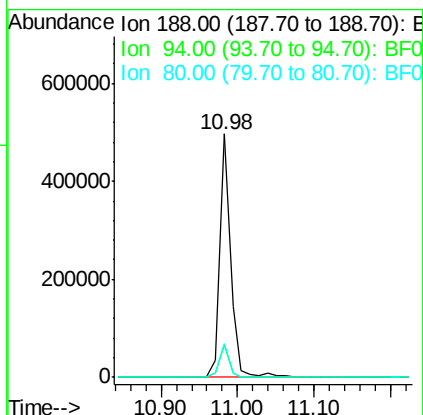
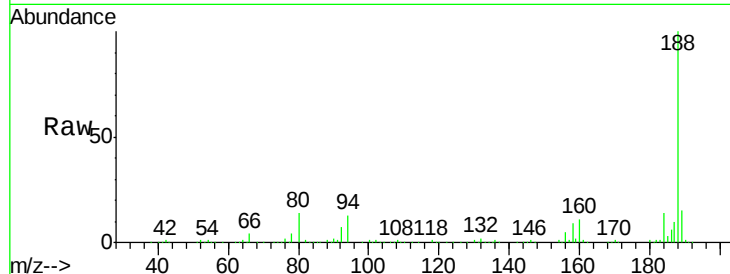




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

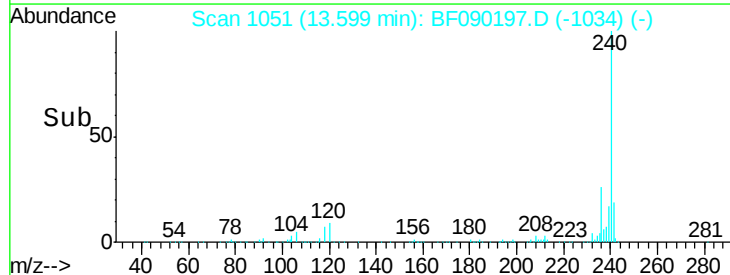
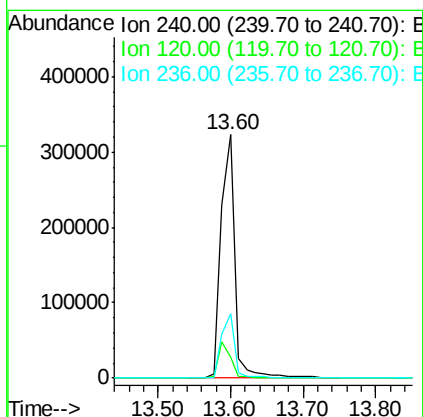
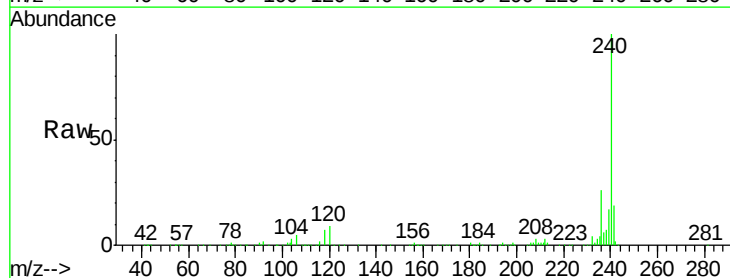
Instrument :
BNA_F
ClientSampleId :
PB93576BL

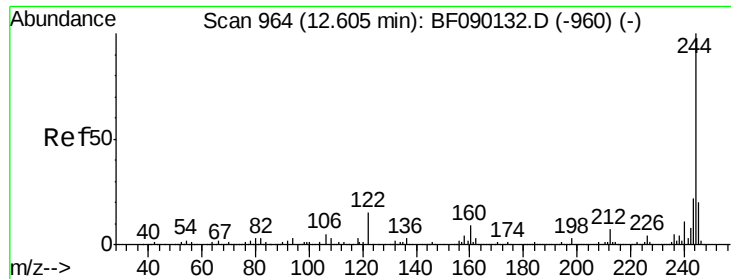
Tot Ion:188 Resp: 497296
Ion Ratio Lower Upper
188 100
94 13.1 10.5 15.7
80 14.0 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF090197.D
Acq: 23 Sep 2016 14:32

Tgt Ion:240 Resp: 429768
Ion Ratio Lower Upper
240 100
120 8.6 10.6 16.0#
236 26.3 21.6 32.4

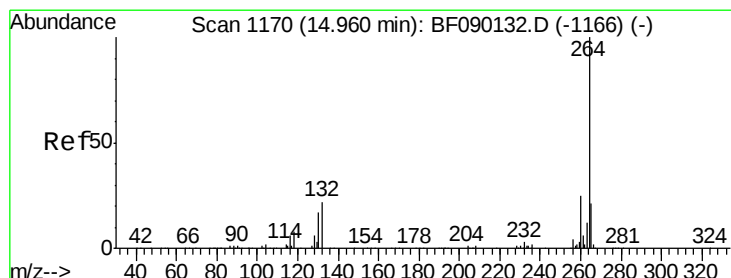
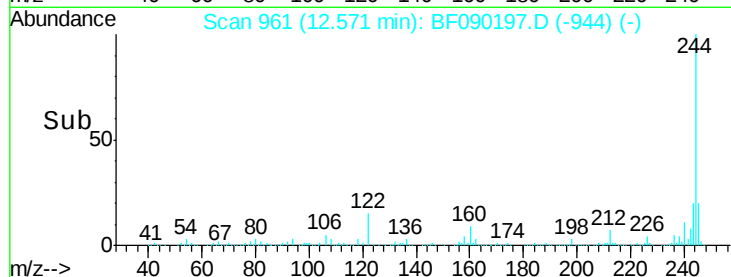
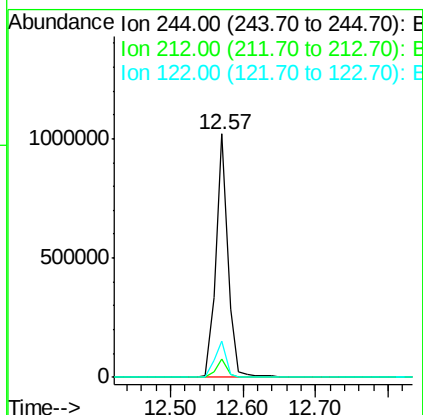
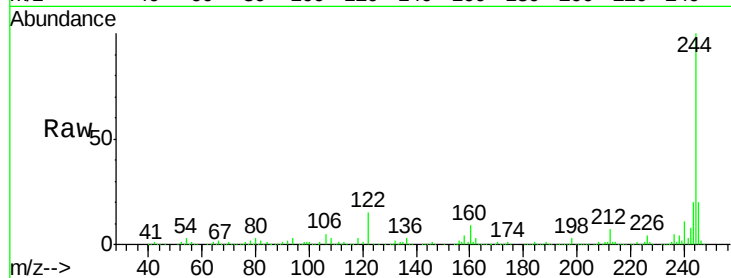




#78
 Terphenyl-d14
 Concen: 69.93 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BL

Tot Ion:244 Resp: 1183727
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 15.0 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF090197.D
 Acq: 23 Sep 2016 14:32

Tgt Ion:264 Resp: 339589
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.0 25.4

