

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090529.D
 Acq On : 12 Oct 2016 5:04
 Operator : UM/SJ
 Sample : U4S4C
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

Quant Time: Oct 12 05:54:40 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	6.95	152	227529	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	856870	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	449378	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	727944	20.00	ng	0.00
75) Chrysene-d12	14.12	240	553981	20.00	ng	-0.01
86) Perylene-d12	15.61	264	397203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1510225	103.26	ng	0.01
7) Phenol-d6	6.59	99	1950629	105.69	ng	0.00
23) Nitrobenzene-d5	7.51	82	1208567	76.50	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	635209	142.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2396429	89.62	ng	0.00
78) Terphenyl-d14	13.08	244	2677883	118.13	ng	0.00

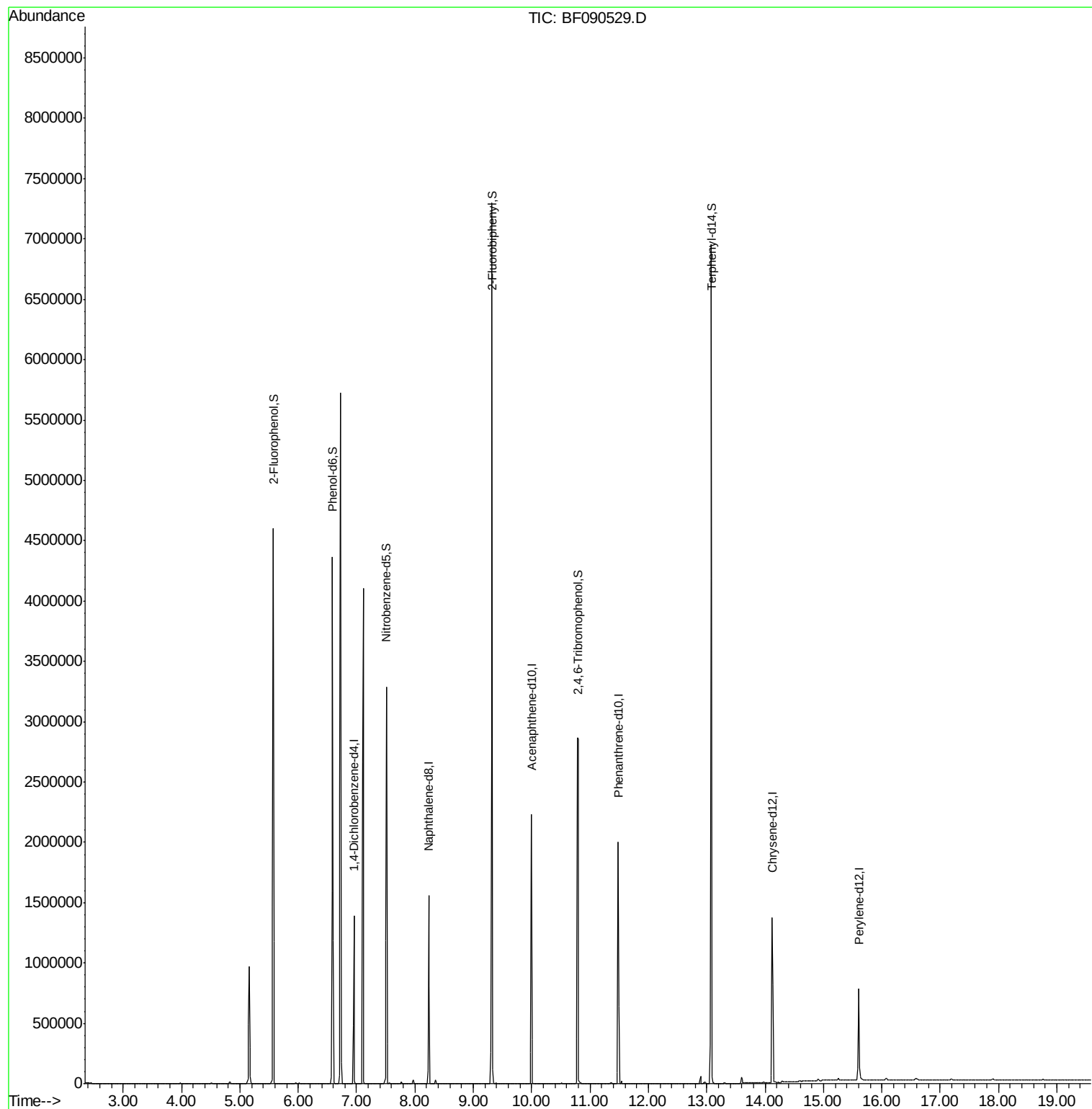
Target Compounds	Qvalue
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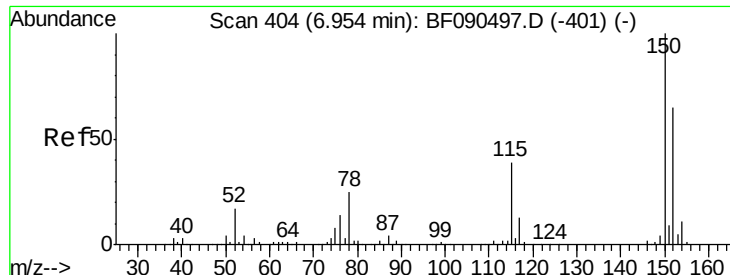
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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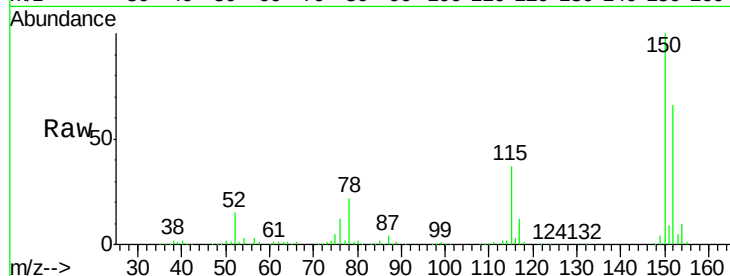


#1

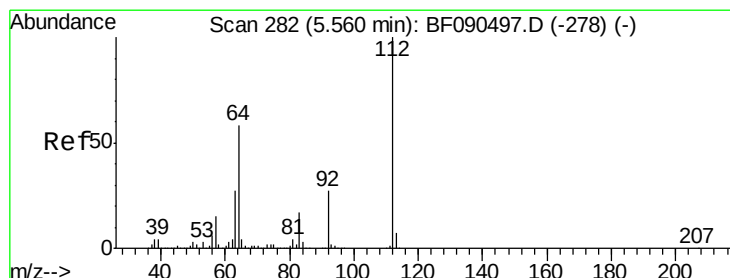
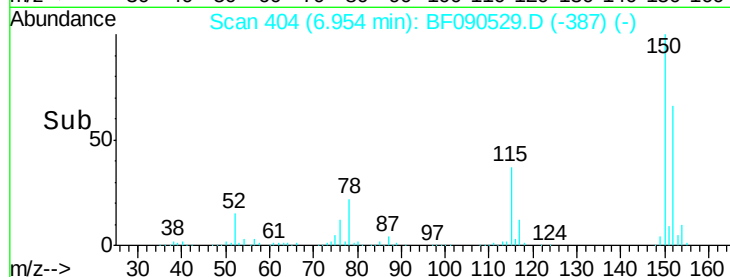
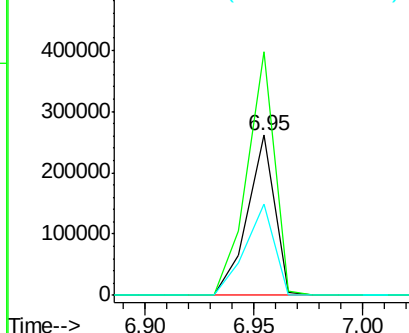
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090529.D
Acq: 12 Oct 2016 5:04

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:152 Resp: 227529
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 56.6 46.2 69.4



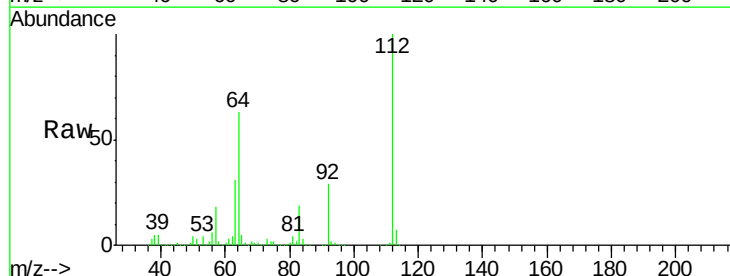
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



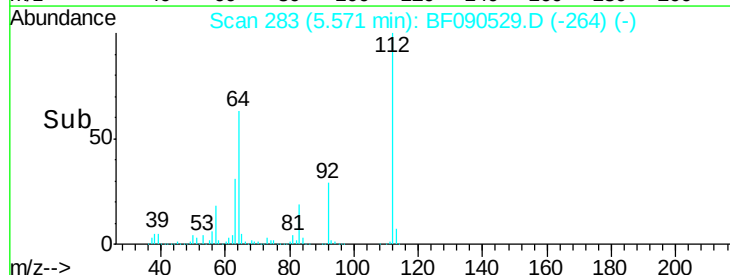
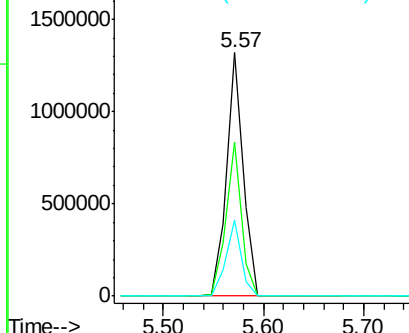
#5

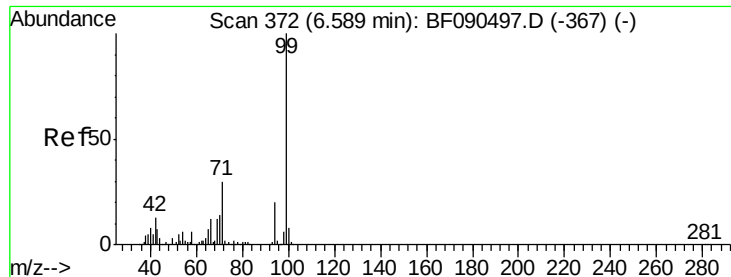
2-Fluorophenol
Concen: 103.26 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090529.D
Acq: 12 Oct 2016 5:04

Tgt Ion:112 Resp: 1510225
Ion Ratio Lower Upper
112 100
64 63.4 57.9 86.9
63 31.0 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: 105.69 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090529.D

Acq: 12 Oct 2016 5:04

Instrument :

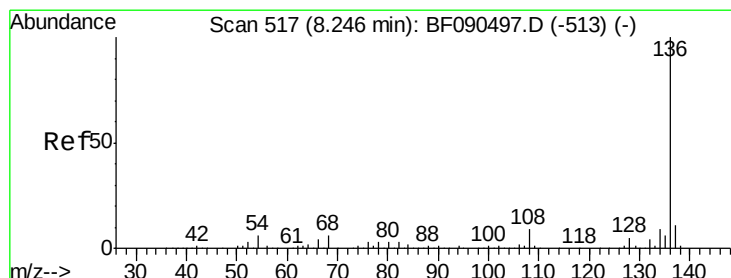
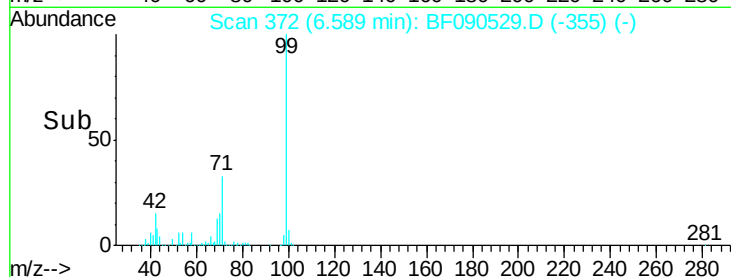
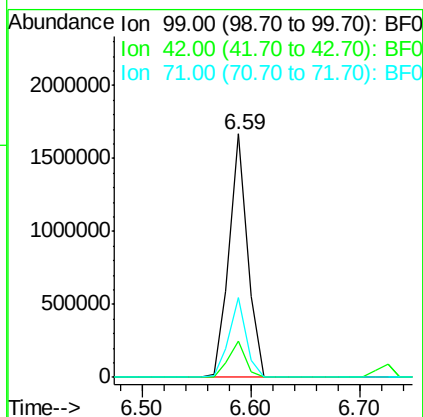
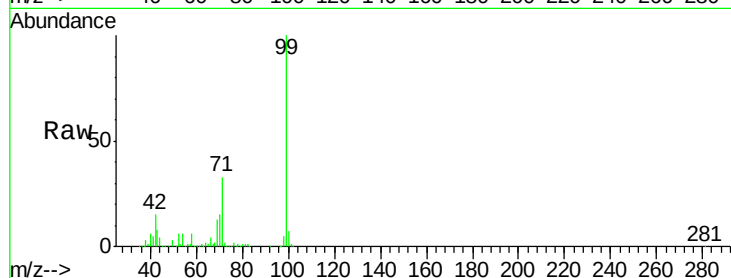
BNA_F

ClientSampleId :

S8-0618

Tgt Ion: 99 Resp: 1950629

Ion	Ratio	Lower	Upper
99	100		
42	15.0	20.0	30.0#
71	32.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

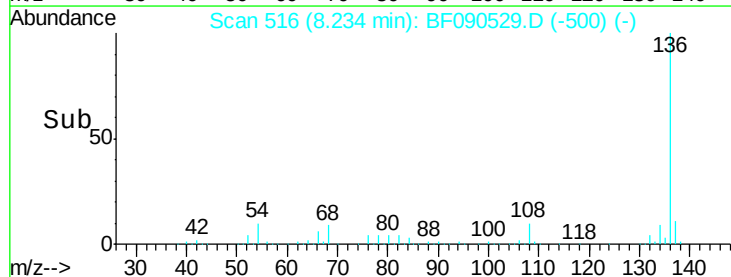
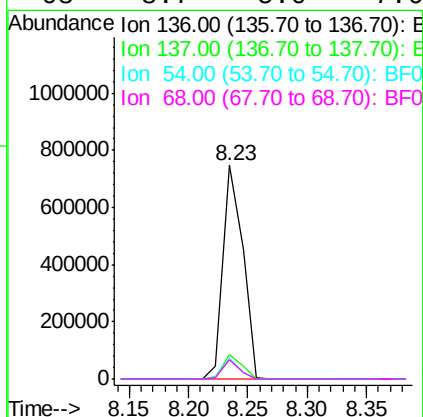
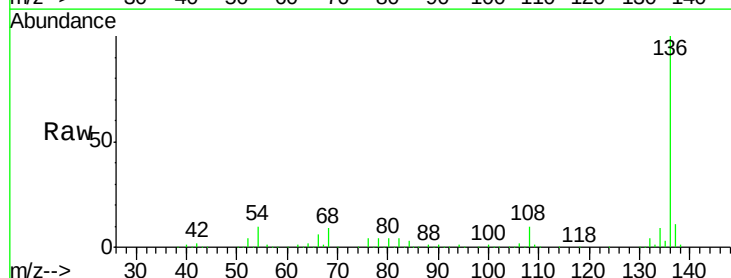
Delta R.T. -0.01 min

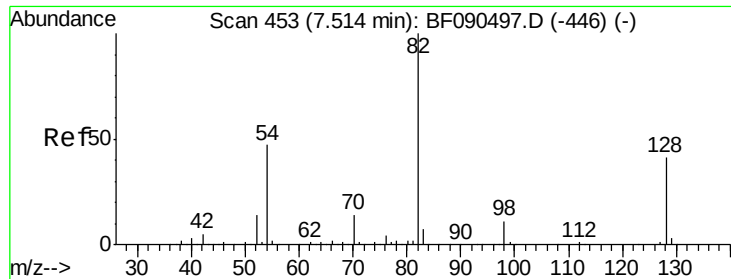
Lab File: BF090529.D

Acq: 12 Oct 2016 5:04

Tgt Ion: 136 Resp: 856870

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.8	6.6	10.0
68	8.7	5.0	7.6#

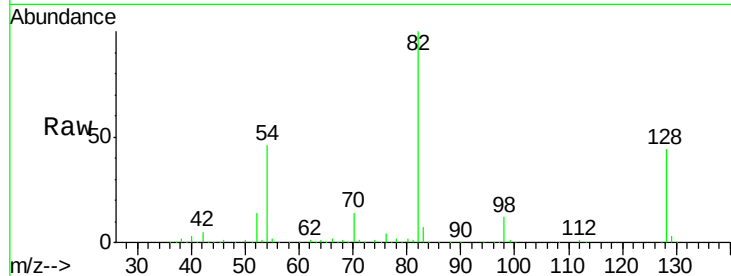




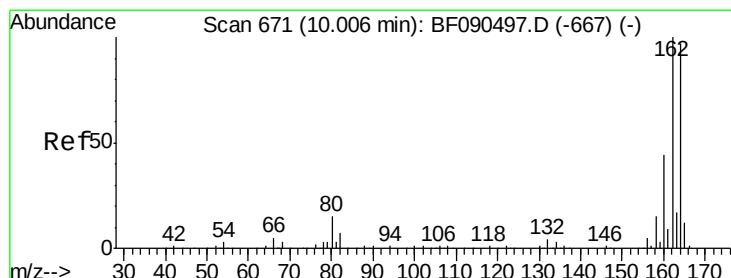
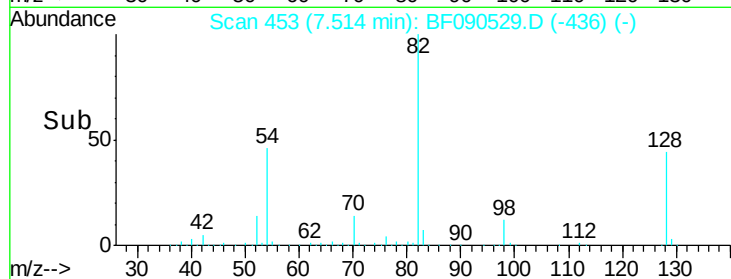
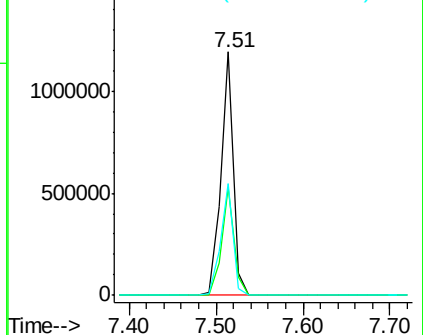
#23
 Nitrobenzene-d5
 Concen: 76.50 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

Tgt Ion: 82 Resp: 1208567
 Ion Ratio Lower Upper
 82 100
 128 44.1 40.0 60.0
 54 46.0 42.6 64.0

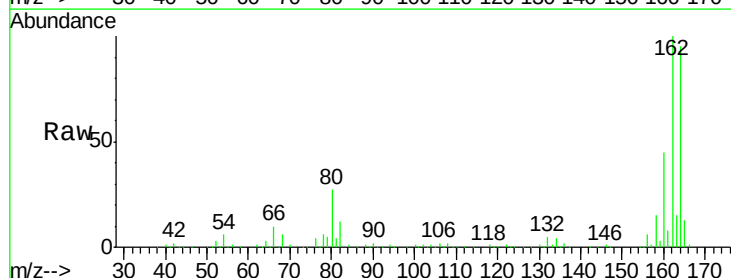


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

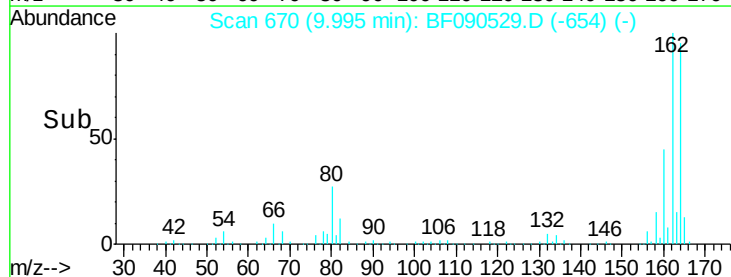
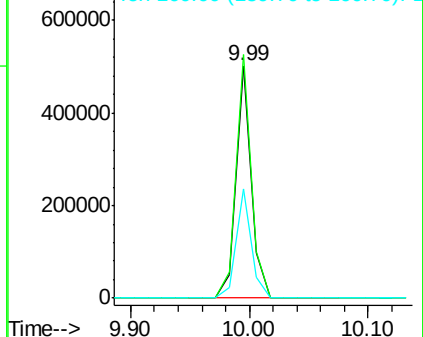


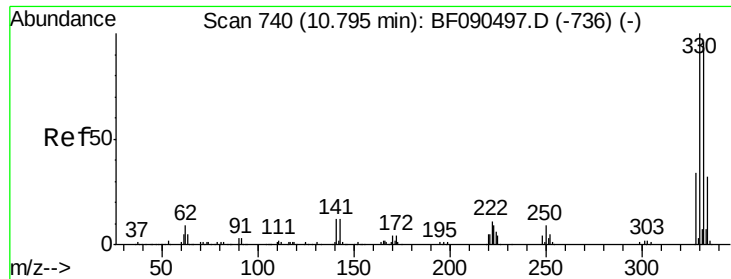
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 5:04

Tgt Ion: 164 Resp: 449378
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.1 120.1
 160 47.0 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

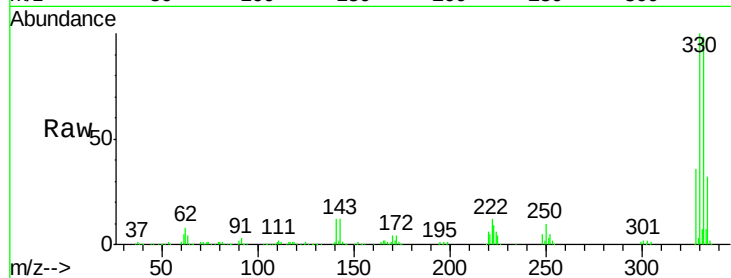




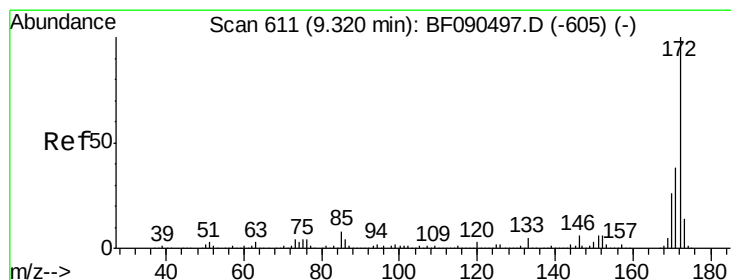
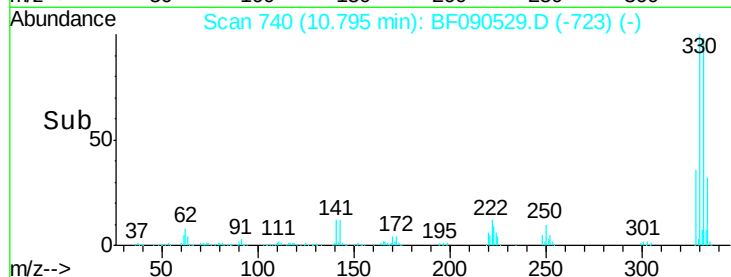
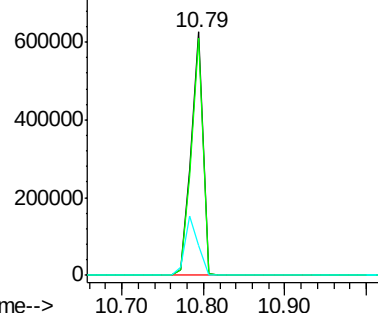
#41
 2,4,6-Tribromophenol
 Concen: 142.60 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 S8-0618

Tgt Ion:330 Resp: 635209
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 27.3 26.9 40.3

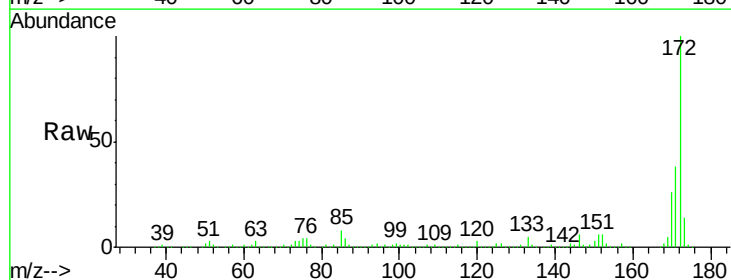


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

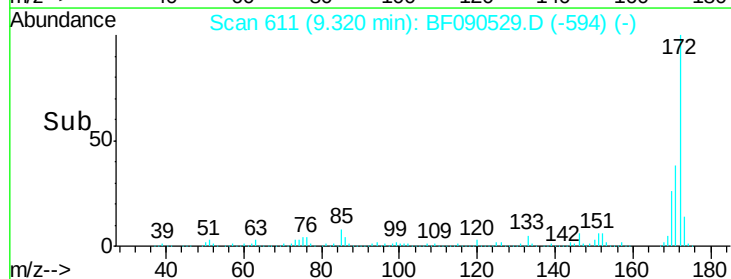
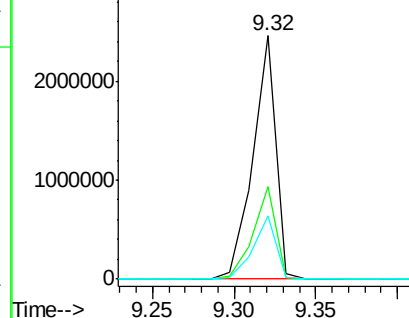


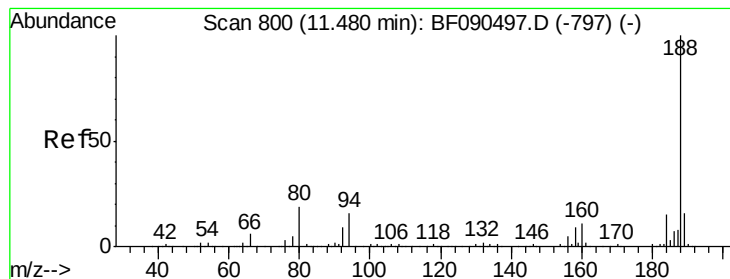
#44
 2-Fluorobiphenyl
 Concen: 89.62 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090529.D
 Acq: 12 Oct 2016 5:04

Tgt Ion:172 Resp: 2396429
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 26.0 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: BF090529.D

Acq: 12 Oct 2016 5:04

Instrument :

BNA_F

ClientSampled :

S8-0618

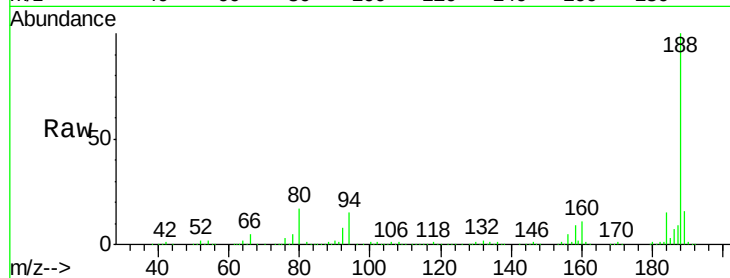
Tgt Ion:188 Resp: 727944

Ion Ratio Lower Upper

188 100

94 14.6 8.2 12.2#

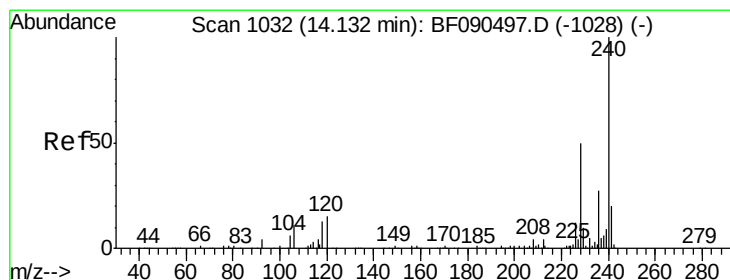
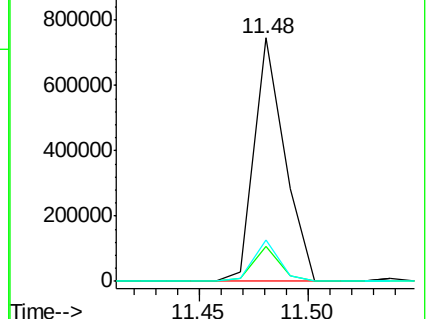
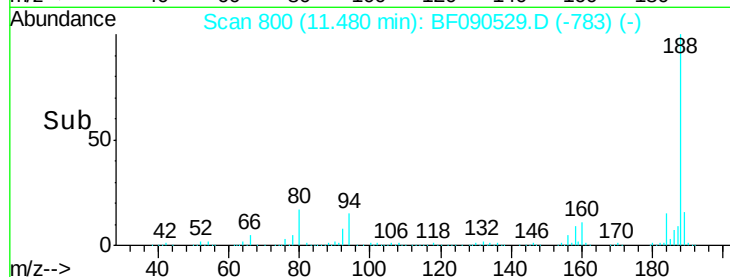
80 16.9 8.8 13.2#



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: BF090529.D

Acq: 12 Oct 2016 5:04

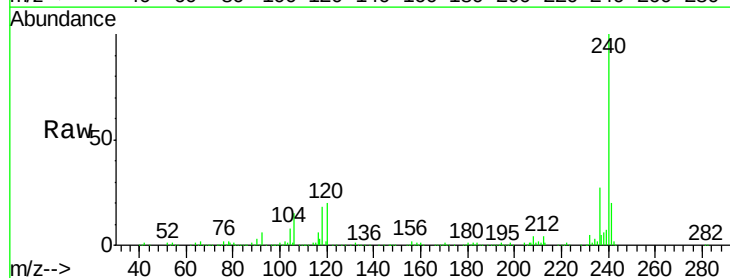
Tgt Ion:240 Resp: 553981

Ion Ratio Lower Upper

240 100

120 20.0 8.6 13.0#

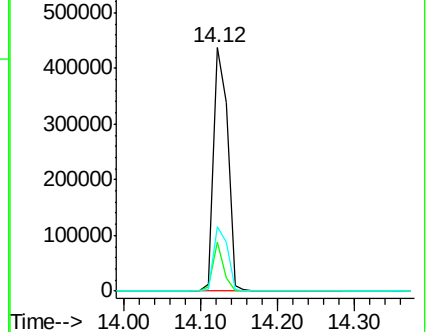
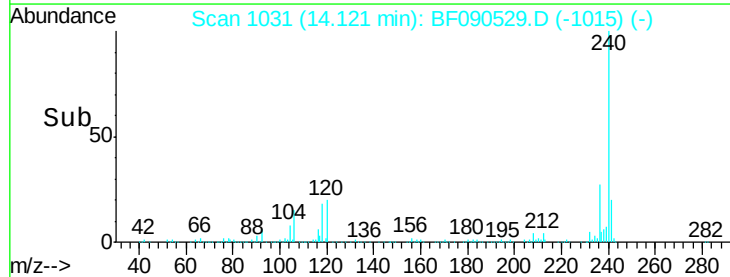
236 26.6 21.6 32.4

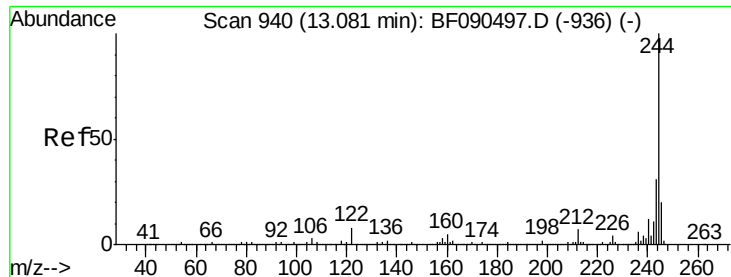


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 118.13 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090529.D

Acq: 12 Oct 2016 5:04

Instrument :

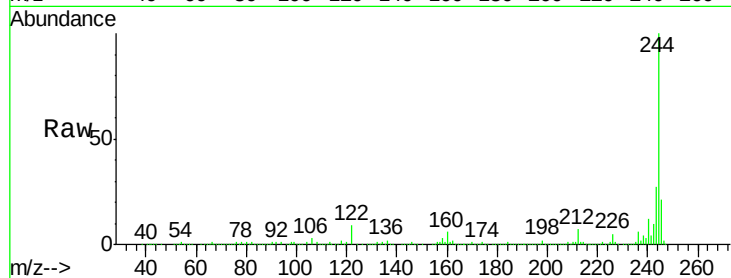
BNA_F

ClientSampleId :

S8-0618

Tgt Ion:244 Resp: 2677883

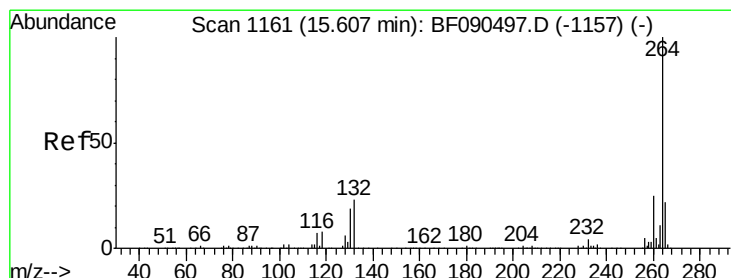
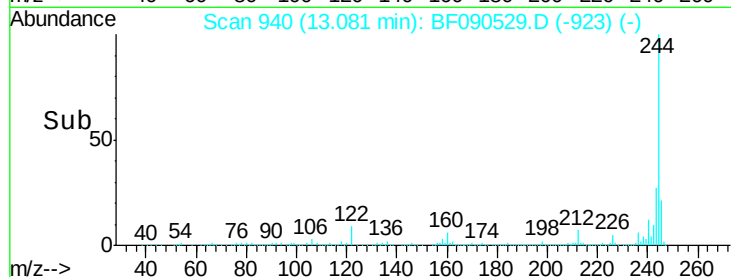
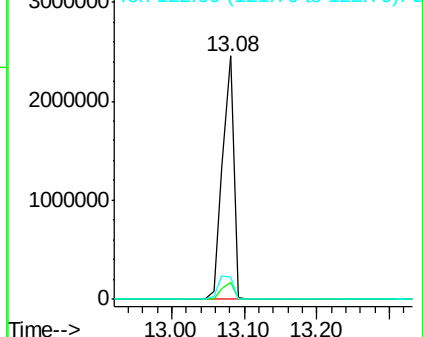
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.8	10.2
122	9.3	13.3	19.9#



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: 15.61 min Scan# 1161

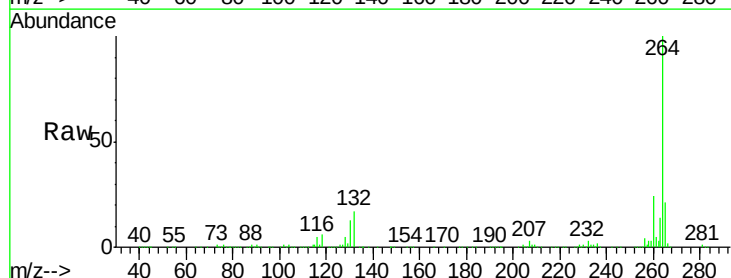
Delta R.T. 0.00 min

Lab File: BF090529.D

Acq: 12 Oct 2016 5:04

Tgt Ion:264 Resp: 397203

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	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

