

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091572.D
 Acq On : 14 Dec 2016 1:30
 Operator : UM/SJ
 Sample : PB95263TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Quant Time: Dec 14 04:27:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	299908	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1309123	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	649773	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1095826	20.00	ng	0.00
75) Chrysene-d12	13.96	240	853126	20.00	ng	0.00
86) Perylene-d12	15.38	264	778790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2127803	119.53	ng	0.01
7) Phenol-d6	6.45	99	2649889	119.40	ng	0.00
23) Nitrobenzene-d5	7.38	82	1995742	85.09	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	593410	109.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2861304	76.09	ng	-0.01
78) Terphenyl-d14	12.92	244	2695464	71.69	ng	0.00

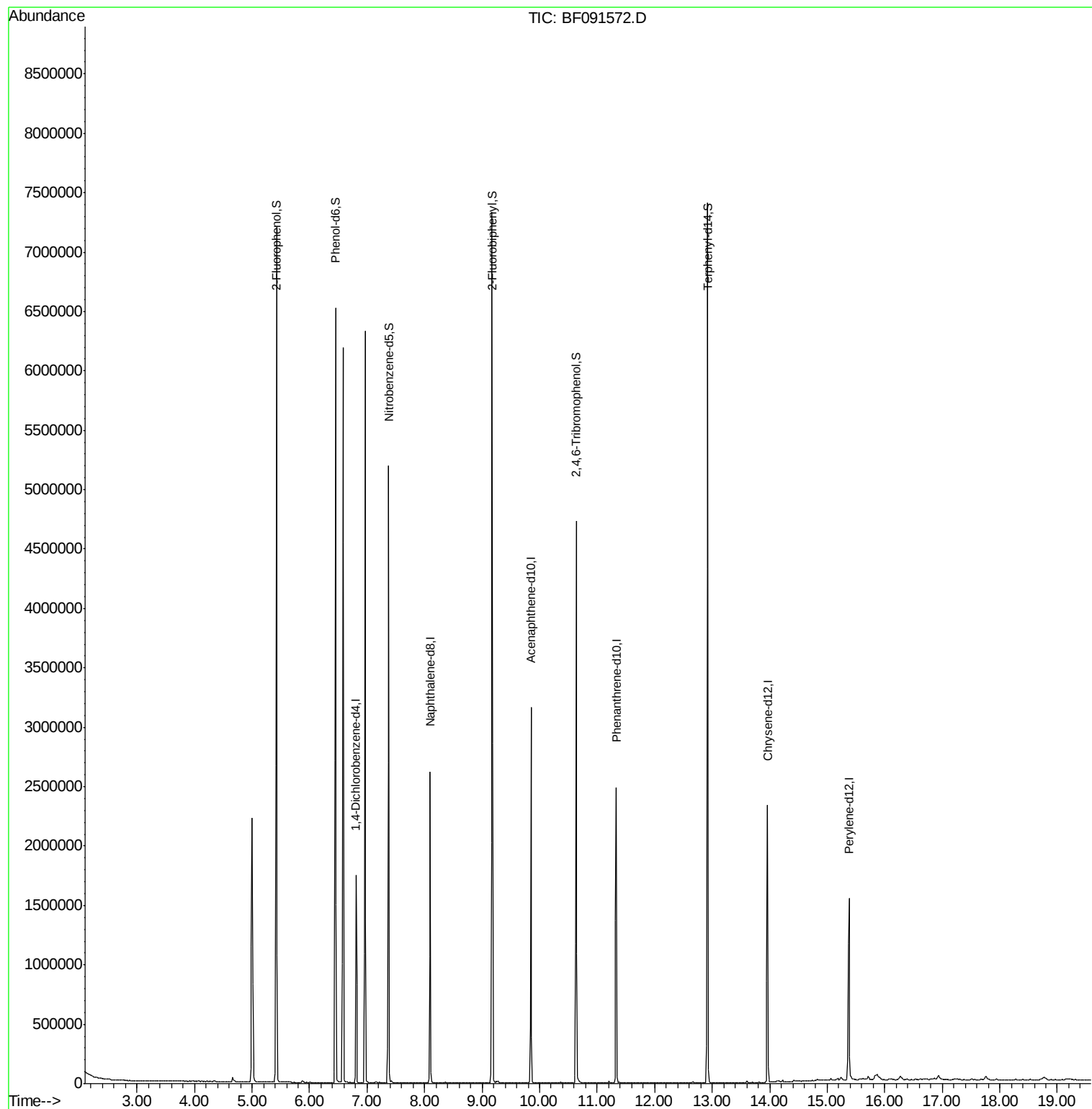
Target Compounds Qvalue

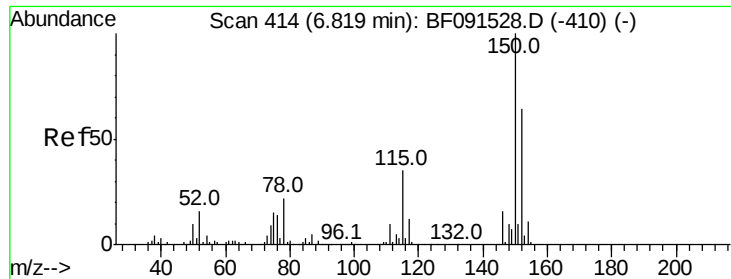
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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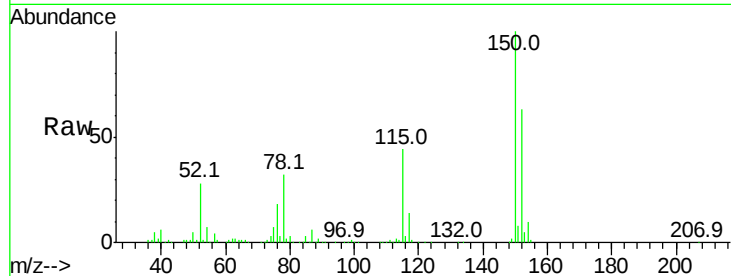


#1

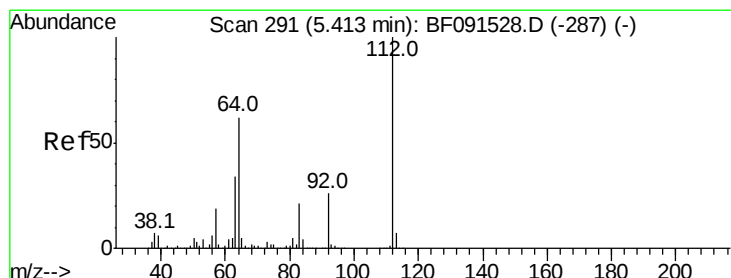
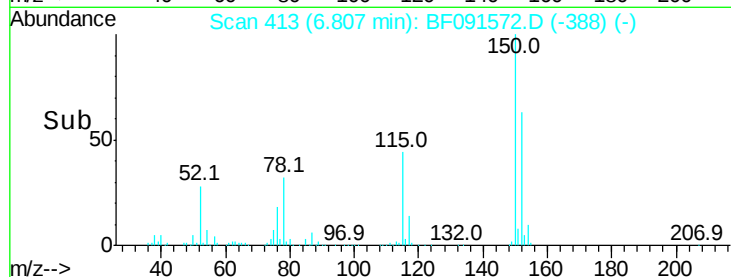
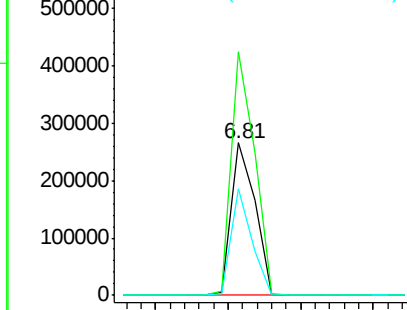
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

Instrument :
BNA_F
ClientSampleId :
PB95263TB

Tot Ion:152 Resp: 299908
Ion Ratio Lower Upper
152 100
150 159.8 122.5 183.7
115 70.1 51.8 77.8



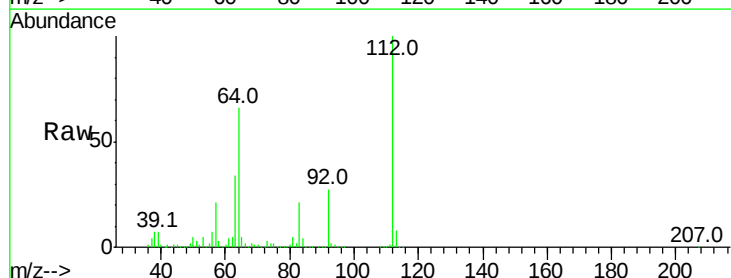
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



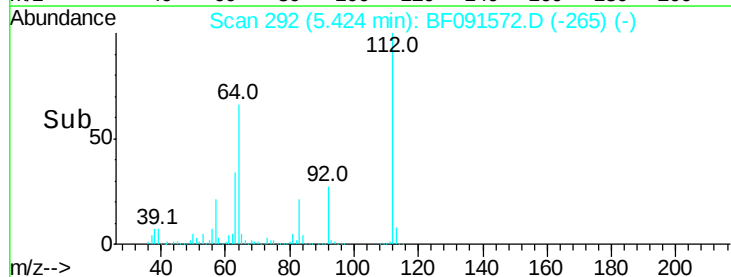
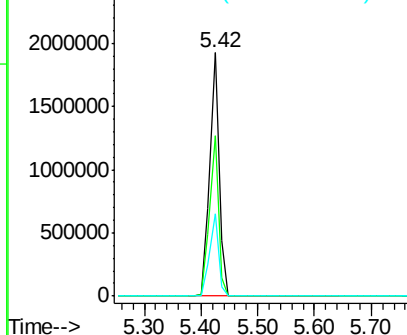
#5

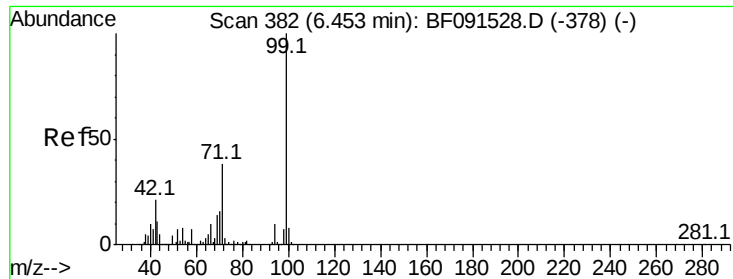
2-Fluorophenol
Concen: 119.53 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091572.D
Acq: 14 Dec 2016 1:30

Tgt Ion:112 Resp: 2127803
Ion Ratio Lower Upper
112 100
64 65.7 61.5 92.3
63 34.1 33.3 49.9



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: 119.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

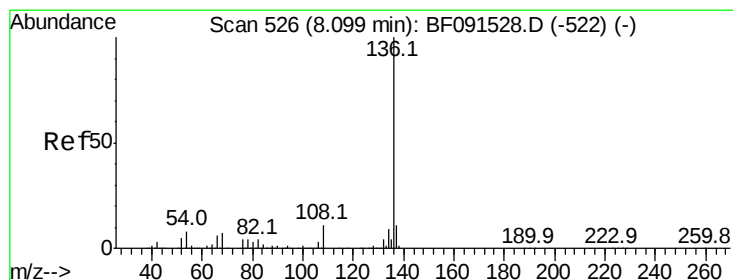
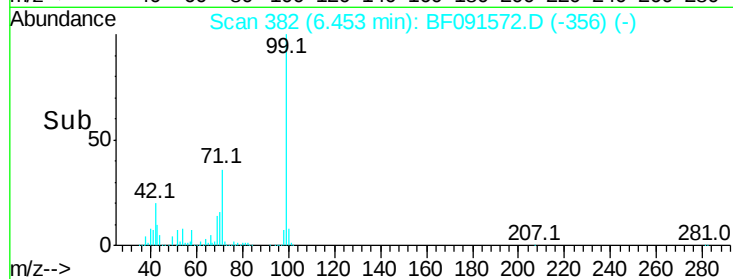
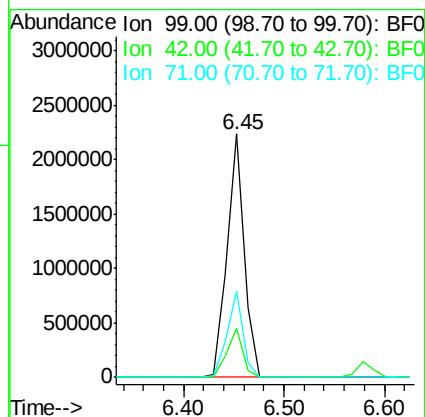
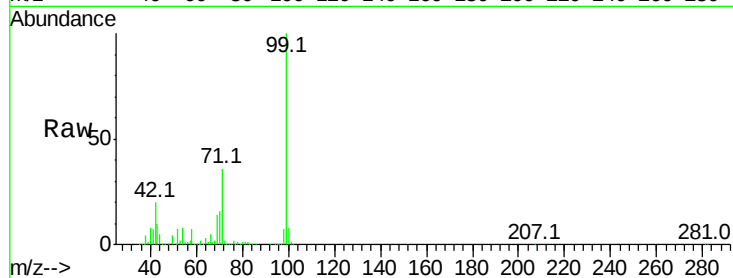
BNA_F

ClientSampleId :

PB95263TB

Tot Ion: 99 Resp: 2649889

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	35.6	29.9	44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

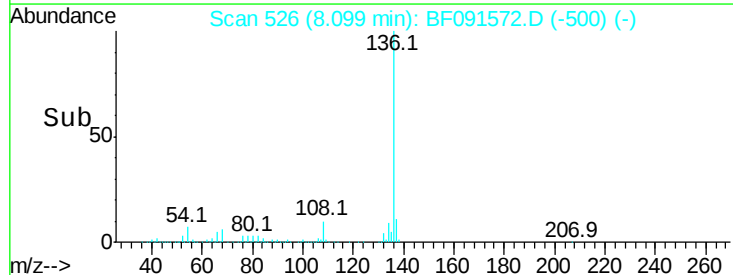
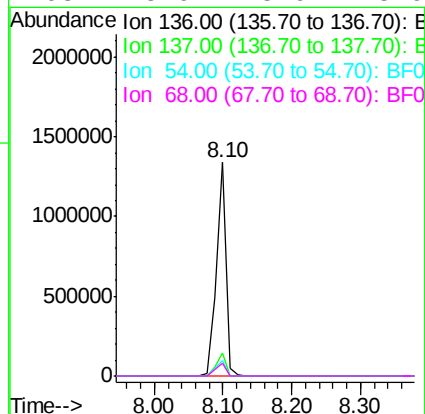
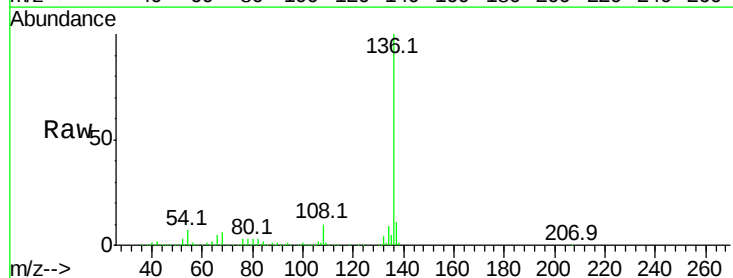
Delta R.T. -0.00 min

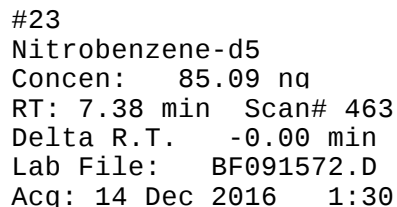
Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Tgt Ion: 136 Resp: 1309123

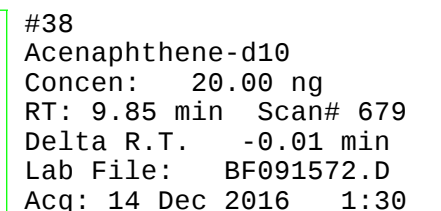
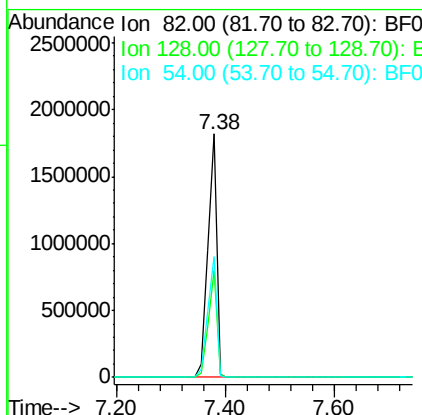
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	9.1	13.7#
68	5.9	5.9	8.9#



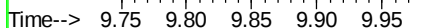
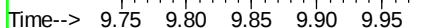
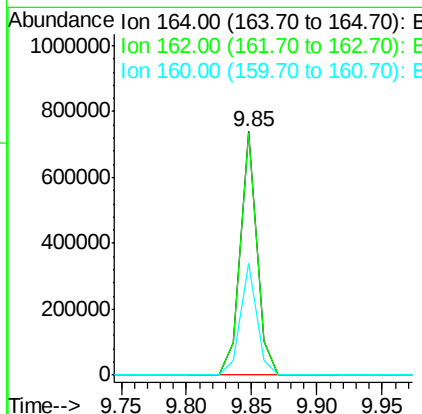


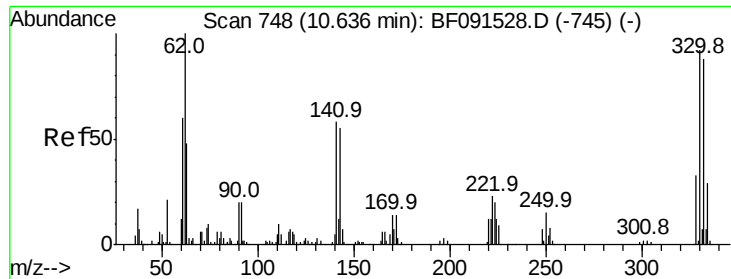
Instrument :
BNA_F
ClientSampleId :
PB95263TB

Tot	Ion: 82	Resp: 1995742	
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.8	47.6
54	49.7	49.1	73.7



Tgt	Ion:164	Resp:	649773
Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	45.9	36.7	55.1

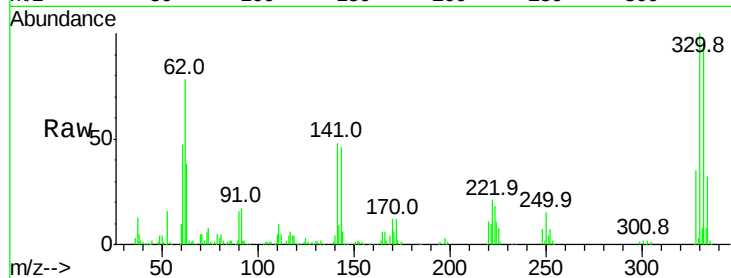




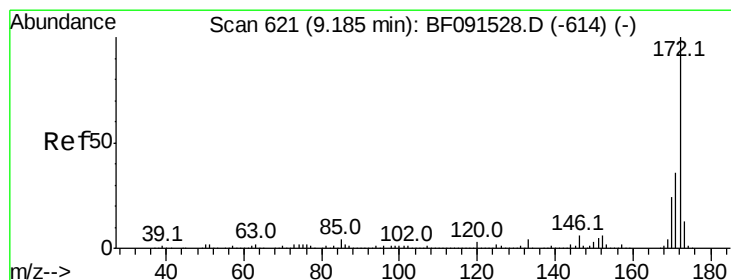
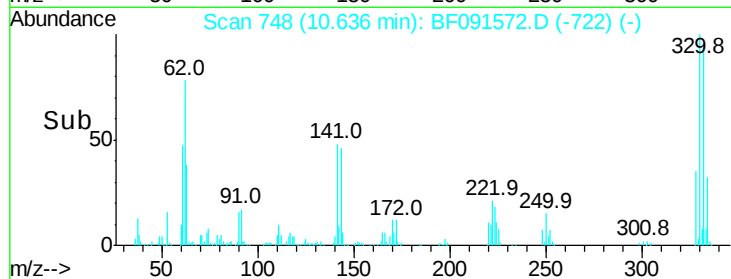
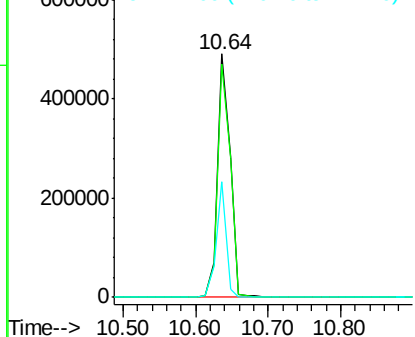
#41
 2,4,6-Tribromophenol
 Concen: 109.95 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95263TB

Tot Ion:330 Resp: 593410
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 37.1 33.6 50.4

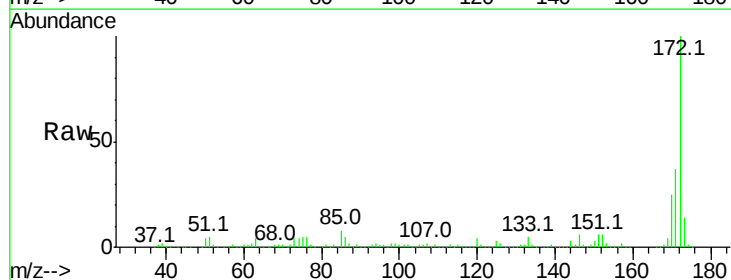


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

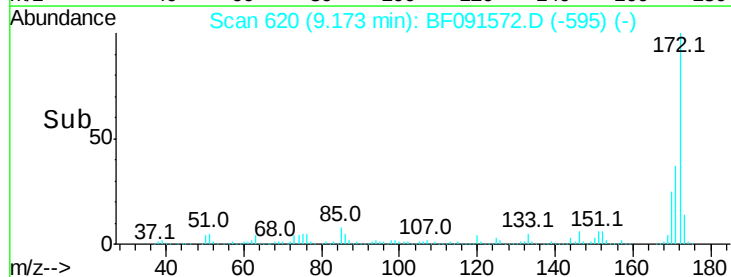
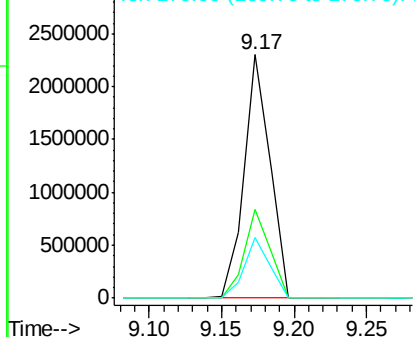


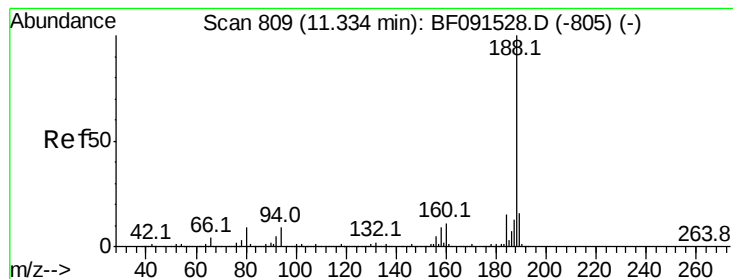
#44
 2-Fluorobiphenyl
 Concen: 76.09 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091572.D
 Acq: 14 Dec 2016 1:30

Tgt Ion:172 Resp: 2861304
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.9 19.7 29.5



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: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

BNA_F

ClientSampled :

PB95263TB

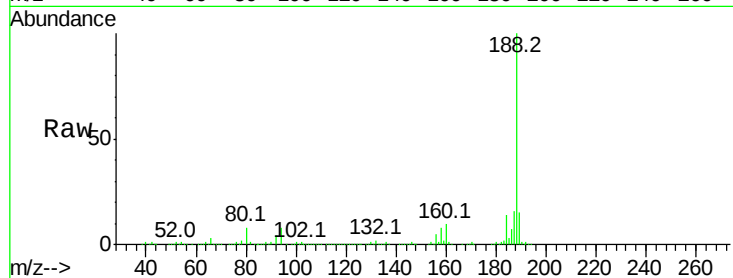
Tot Ion:188 Resp: 1095826

Ion Ratio Lower Upper

188 100

94 8.1 9.2 13.8#

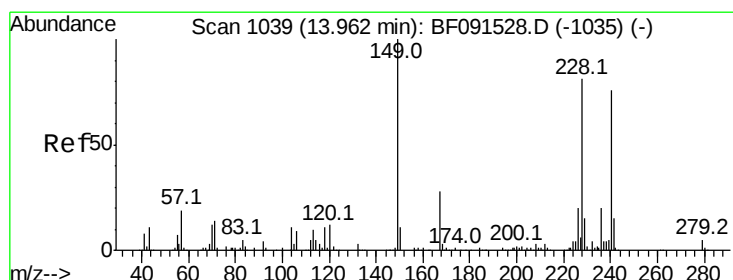
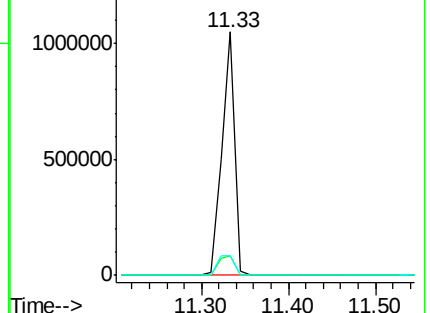
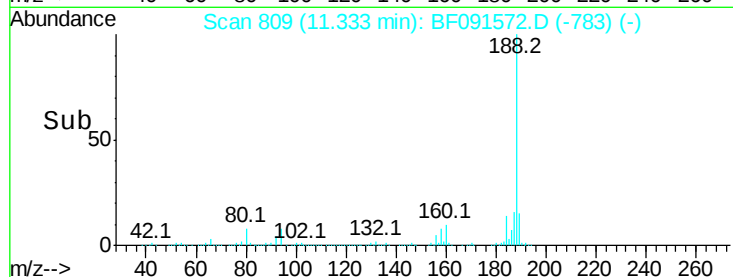
80 8.0 10.5 15.7#



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

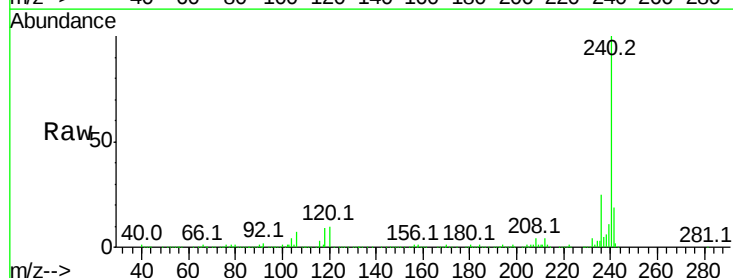
Tgt Ion:240 Resp: 853126

Ion Ratio Lower Upper

240 100

120 10.4 12.1 18.1#

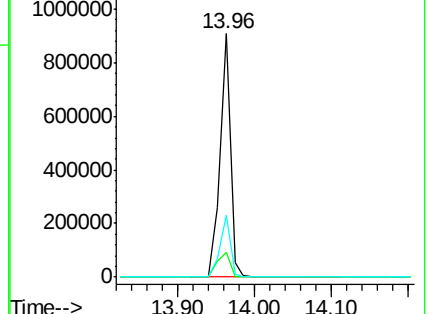
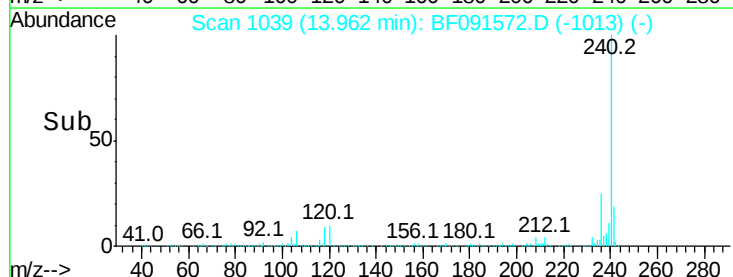
236 25.5 21.0 31.6

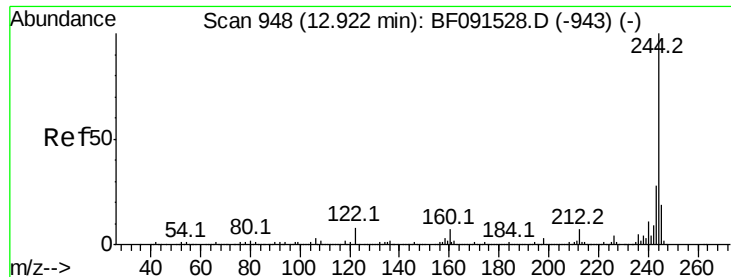


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.69 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Instrument :

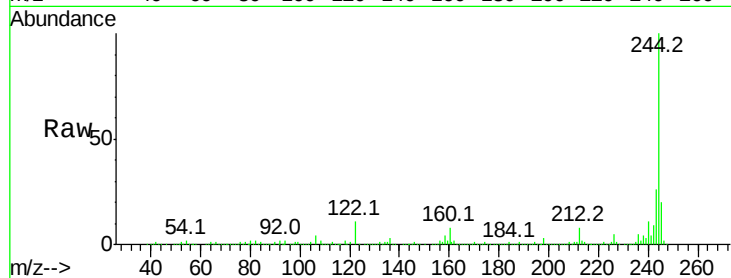
BNA_F

ClientSampleId :

PB95263TB

Tot Ion:244 Resp: 2695464

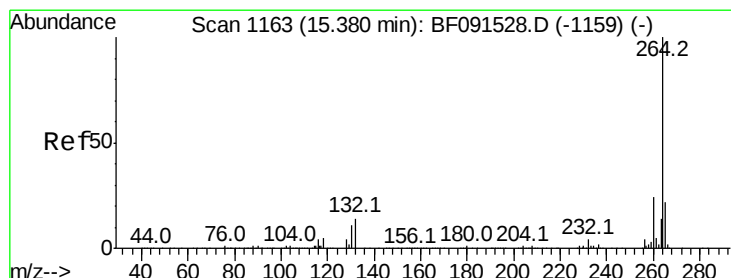
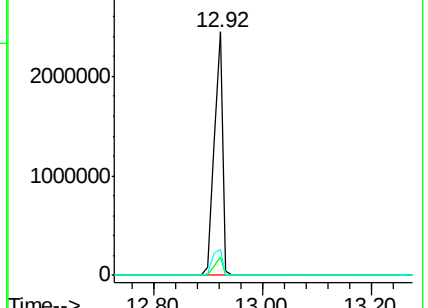
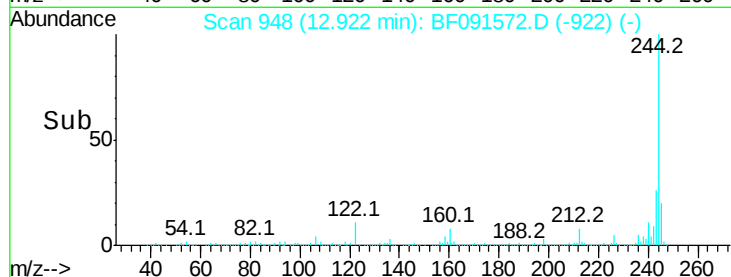
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.7	9.5	14.3



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: 15.38 min Scan# 1163

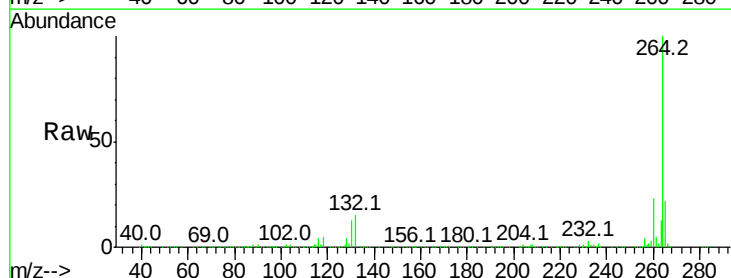
Delta R.T. -0.00 min

Lab File: BF091572.D

Acq: 14 Dec 2016 1:30

Tgt Ion:264 Resp: 778790

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.7	17.0	25.6



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

