

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092263.D
 Acq On : 14 Jan 2017 1:14
 Operator : UM/SJ
 Sample : I1031-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0026

Quant Time: Jan 16 02:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

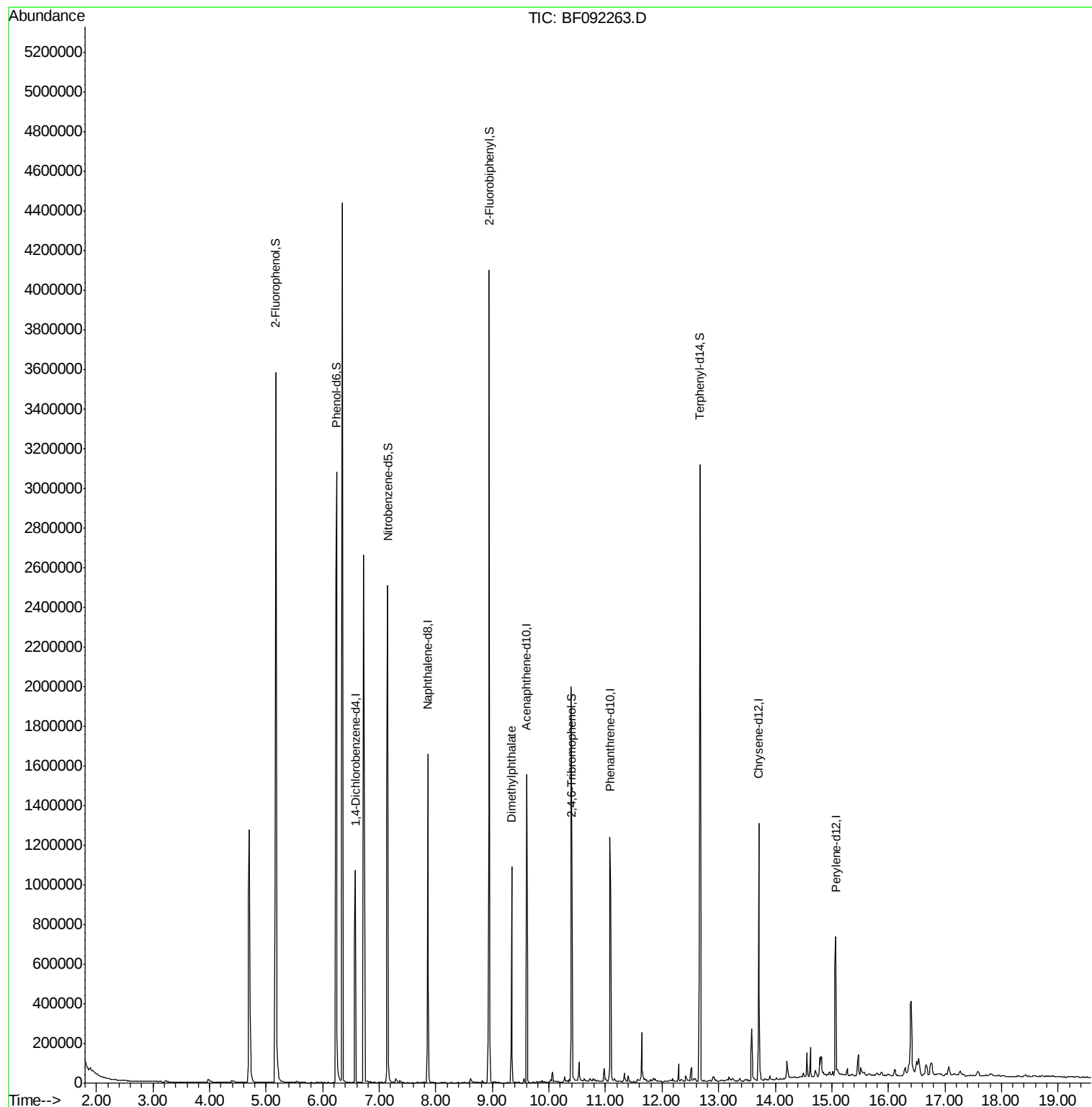
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	219089	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	836338	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	376007	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	637101	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	457715	20.00	ng	-0.02
86) Perylene-d12	15.07	264	351275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1099798	83.82	ng	0.00
7) Phenol-d6	6.24	99	1543950	96.38	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1009412	67.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	304953	98.00	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1357854	72.02	ng	-0.01
78) Terphenyl-d14	12.67	244	1019142	54.00	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.34	163	432134	17.97	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

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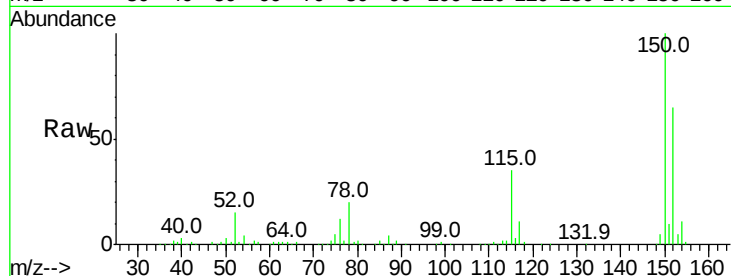
Tot Ion:152 Resp: 219089

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

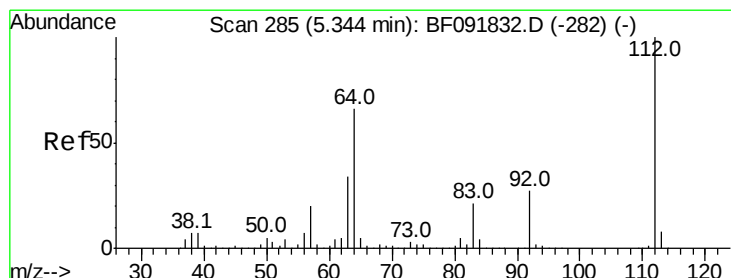
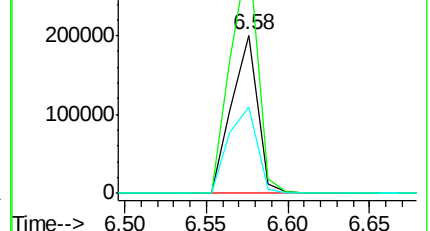
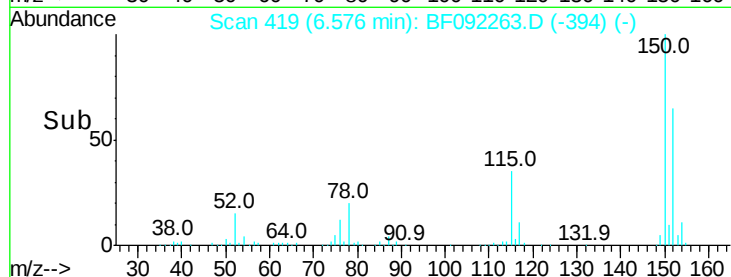
115 54.3 46.0 69.0



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: 83.82 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

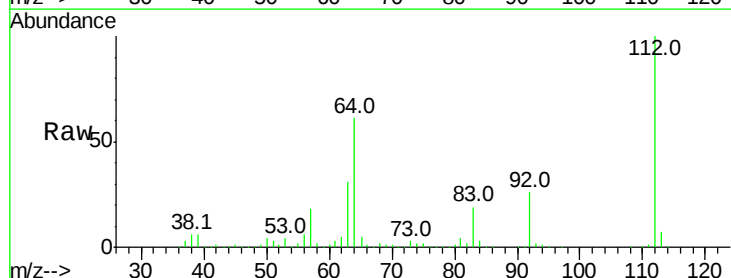
Tgt Ion:112 Resp: 1099798

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

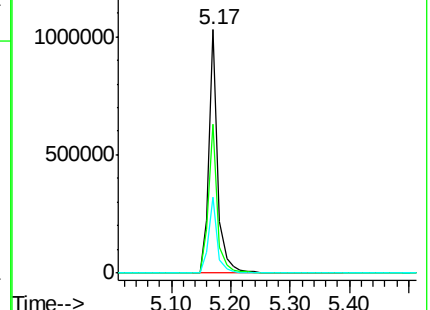
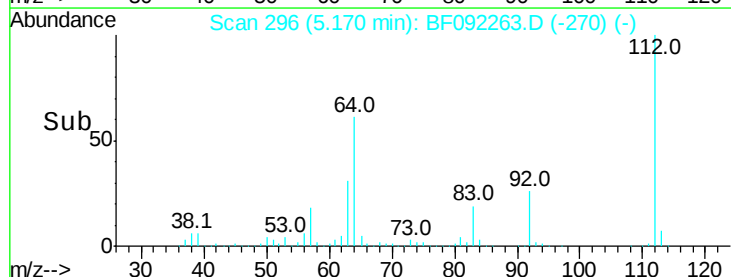
63 31.3 23.8 35.6



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: 96.38 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

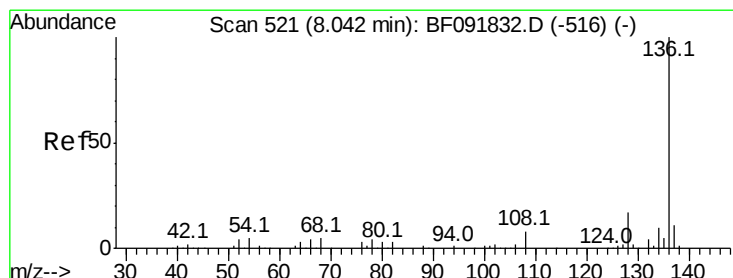
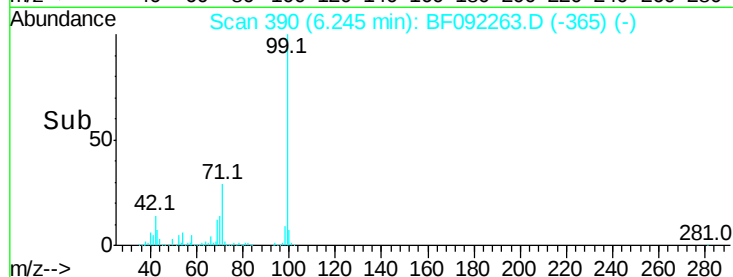
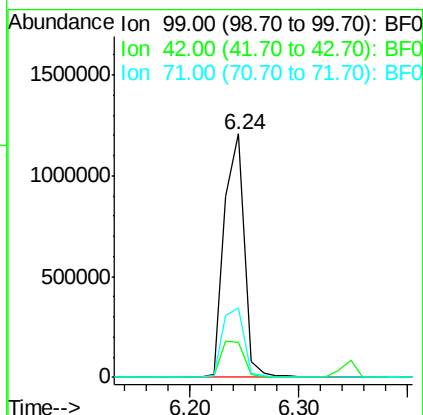
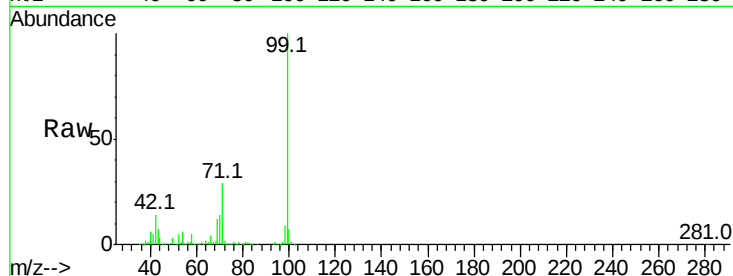
BNA_F

ClientSampleId :

COMP-0026

Tot Ion: 99 Resp: 1543950

Ion	Ratio	Lower	Upper
99	100		
42	14.1	15.6	23.4#
71	28.7	27.5	41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 531

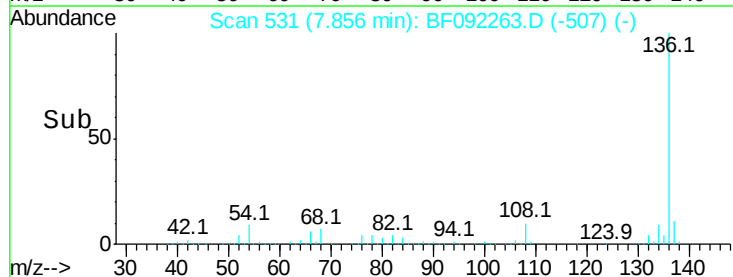
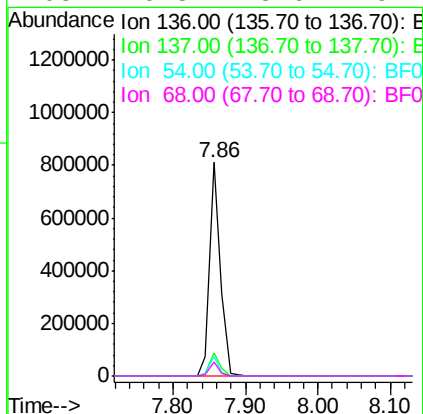
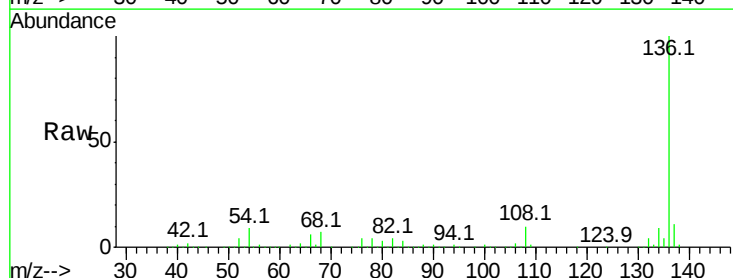
Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Tgt Ion: 136 Resp: 836338

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.8	4.5	6.7#
68	6.8	3.6	5.4#



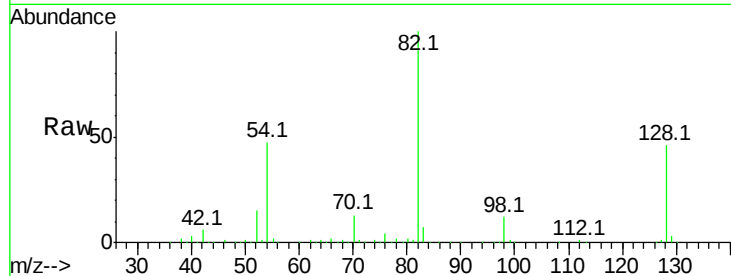


#23
 Nitrobenzene-d5
 Concen: 67.11 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

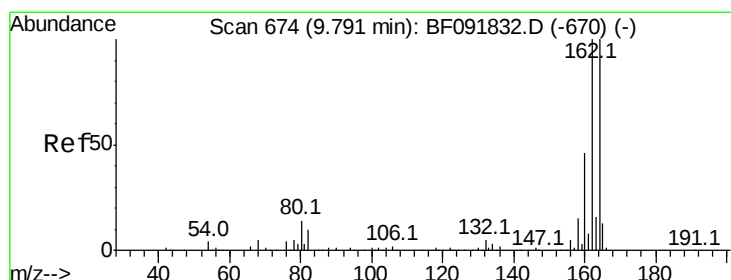
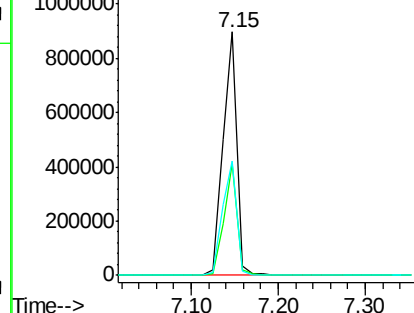
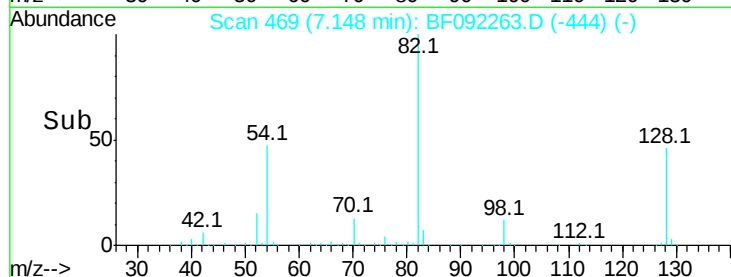
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0026

Tot Ion: 82 Resp: 1009412

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	52.0
54	47.0	39.5	59.3



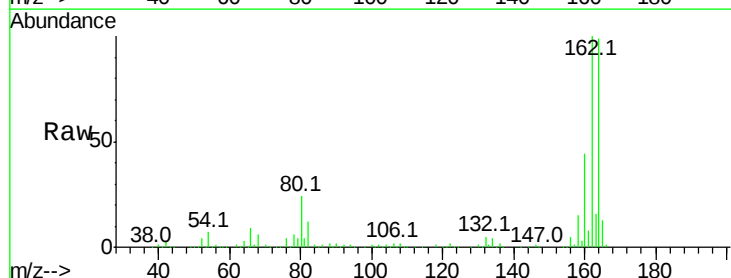
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



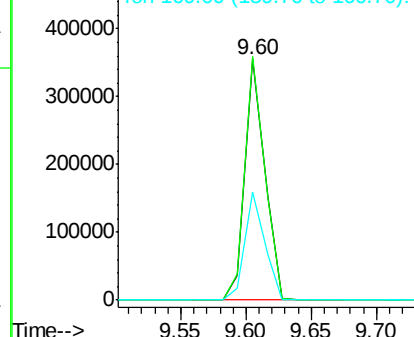
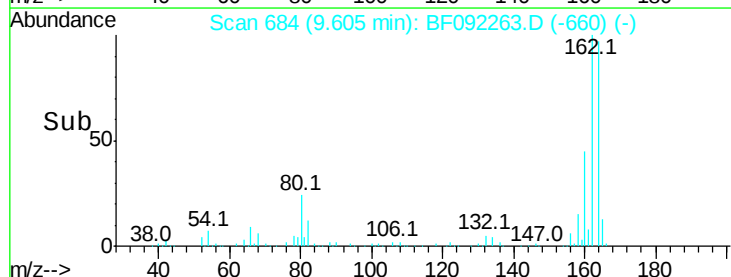
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

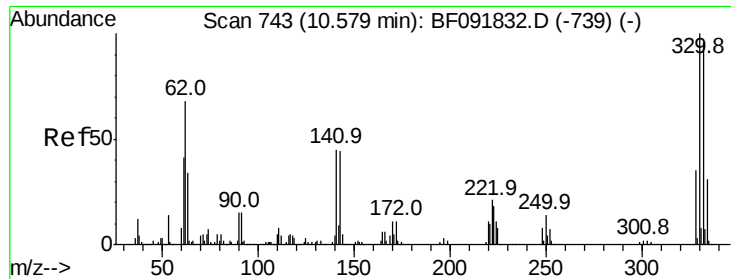
Tgt Ion:164 Resp: 376007

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.0	36.9	55.3



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

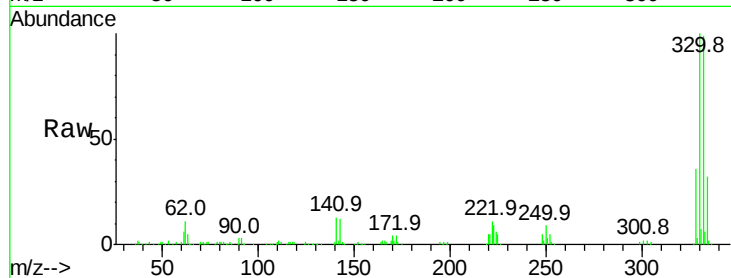




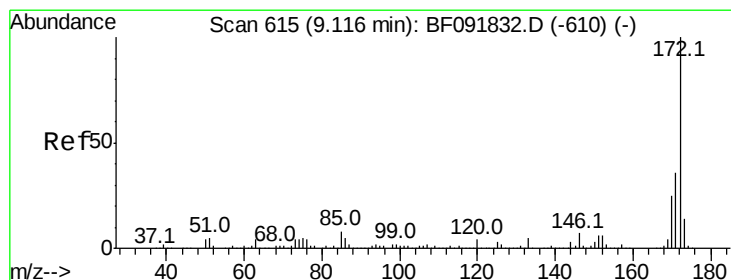
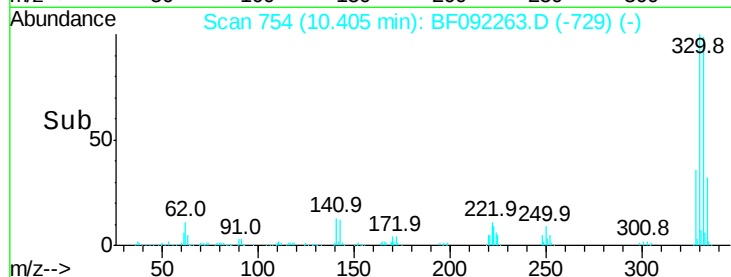
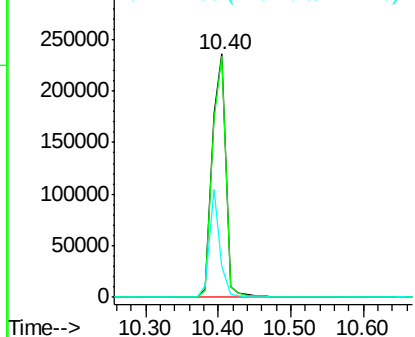
#41
 2,4,6-Tribromophenol
 Concen: 98.00 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0026

Tot Ion:330 Resp: 304953
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 34.2 34.1 51.1

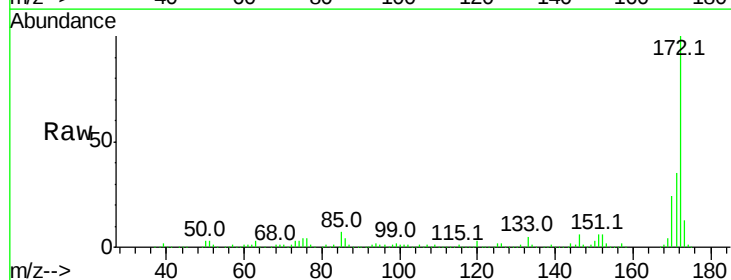


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

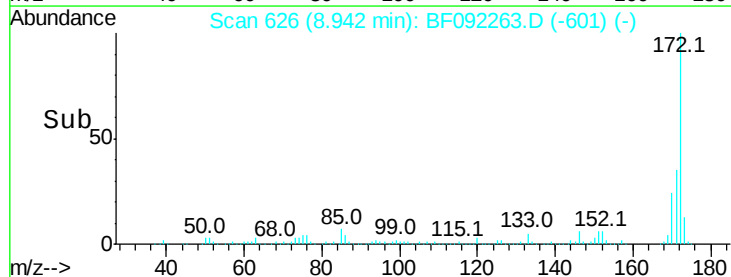
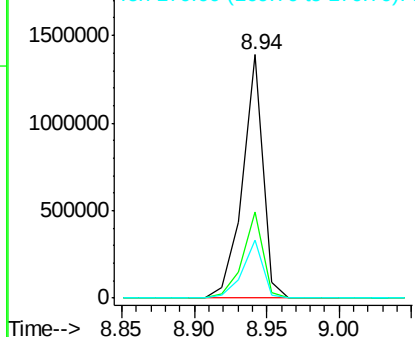


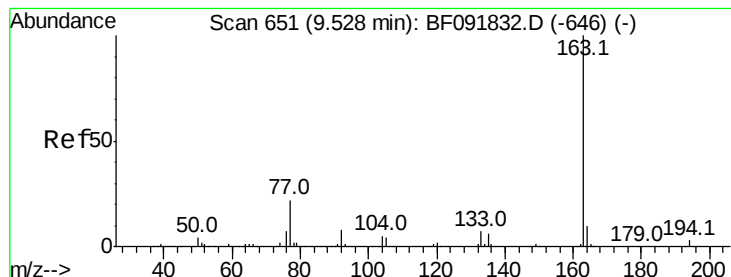
#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

Tgt Ion:172 Resp: 1357854
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.0 20.2 30.4



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





#49

Dimethylphthalate

Concen: 17.97 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

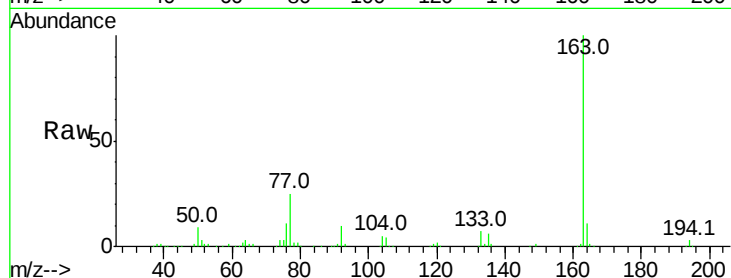
Tot Ion:163 Resp: 432134

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

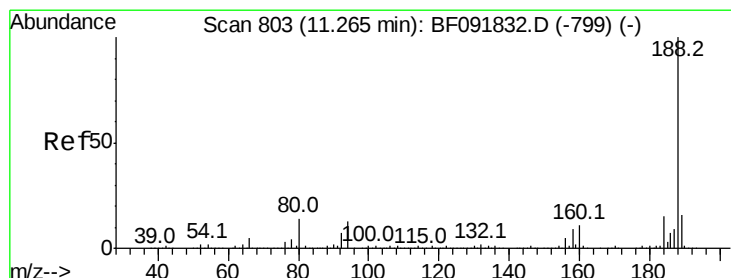
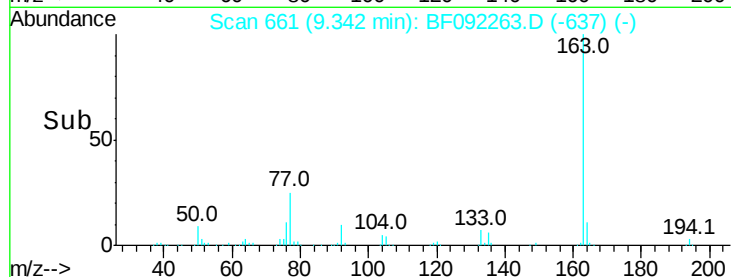
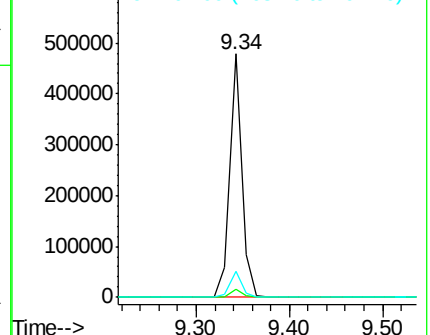
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

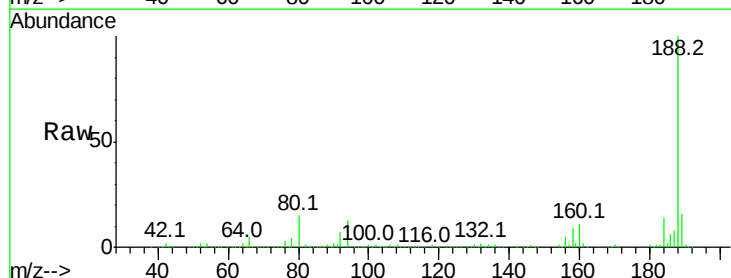
Tgt Ion:188 Resp: 637101

Ion Ratio Lower Upper

188 100

94 13.0 10.0 15.0

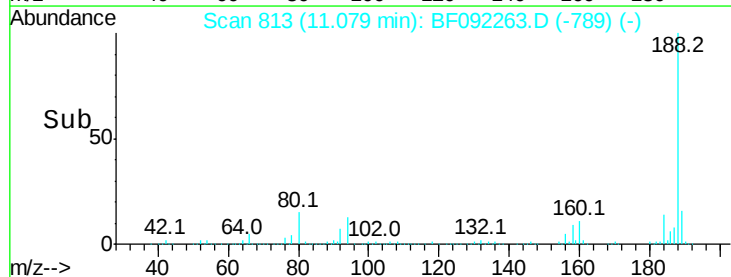
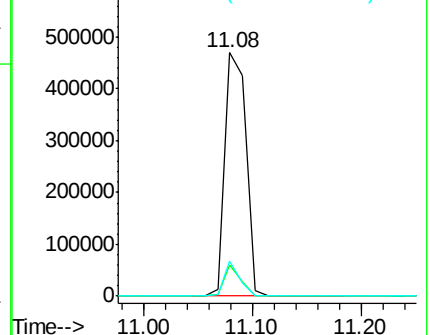
80 14.6 11.2 16.8

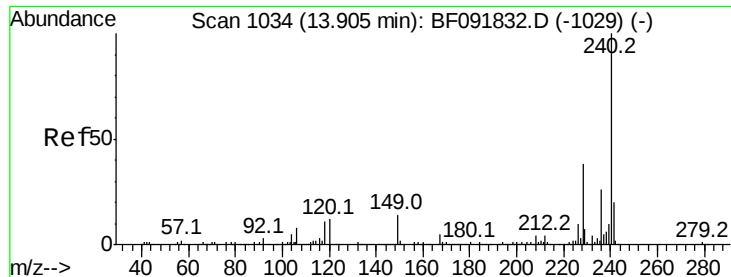


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

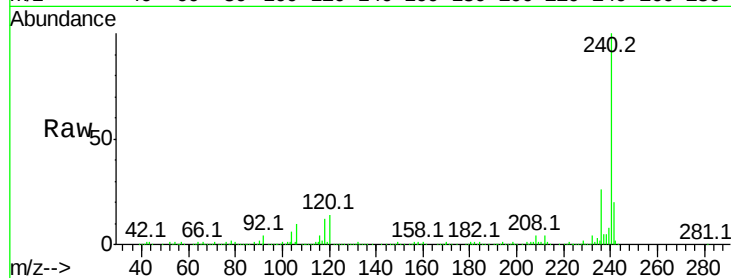
BNA_F

ClientSampleId :

COMP-0026

Tot Ion:240 Resp: 457715

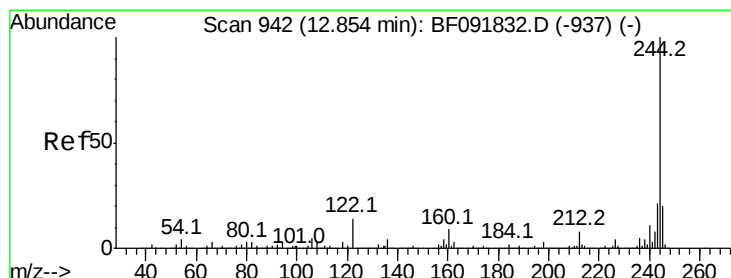
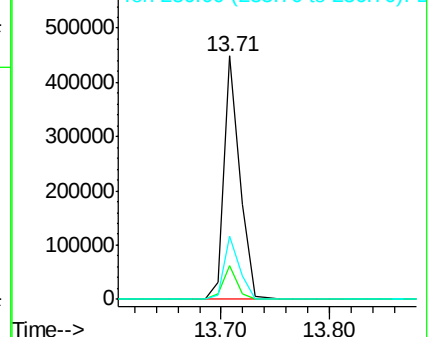
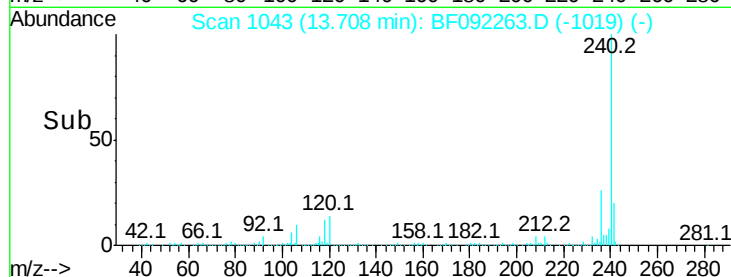
Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.8	20.9	31.3



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: 54.00 ng

RT: 12.67 min Scan# 952

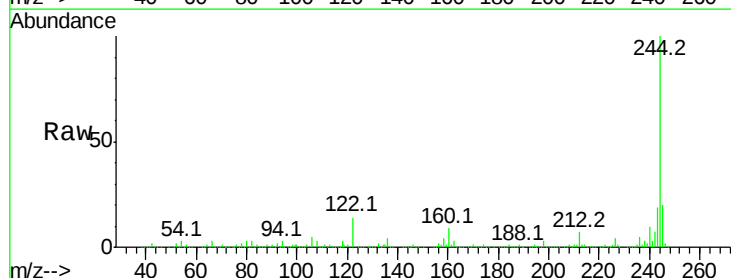
Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Tgt Ion:244 Resp: 1019142

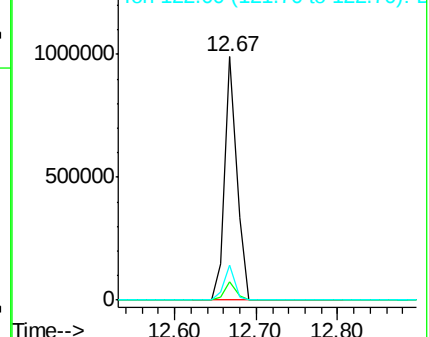
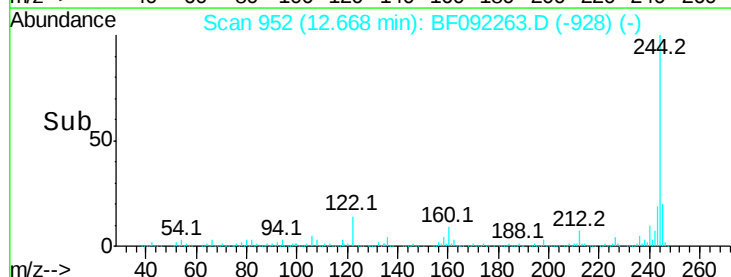
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	14.2	11.4	17.2

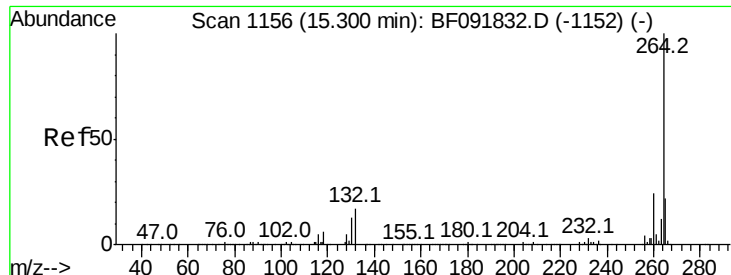


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.4	26.0

