

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
 Data File : BF090433.D
 Acq On : 6 Oct 2016 22:10
 Operator : UM/SJ
 Sample : H5110-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Quant Time: Oct 07 00:32:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

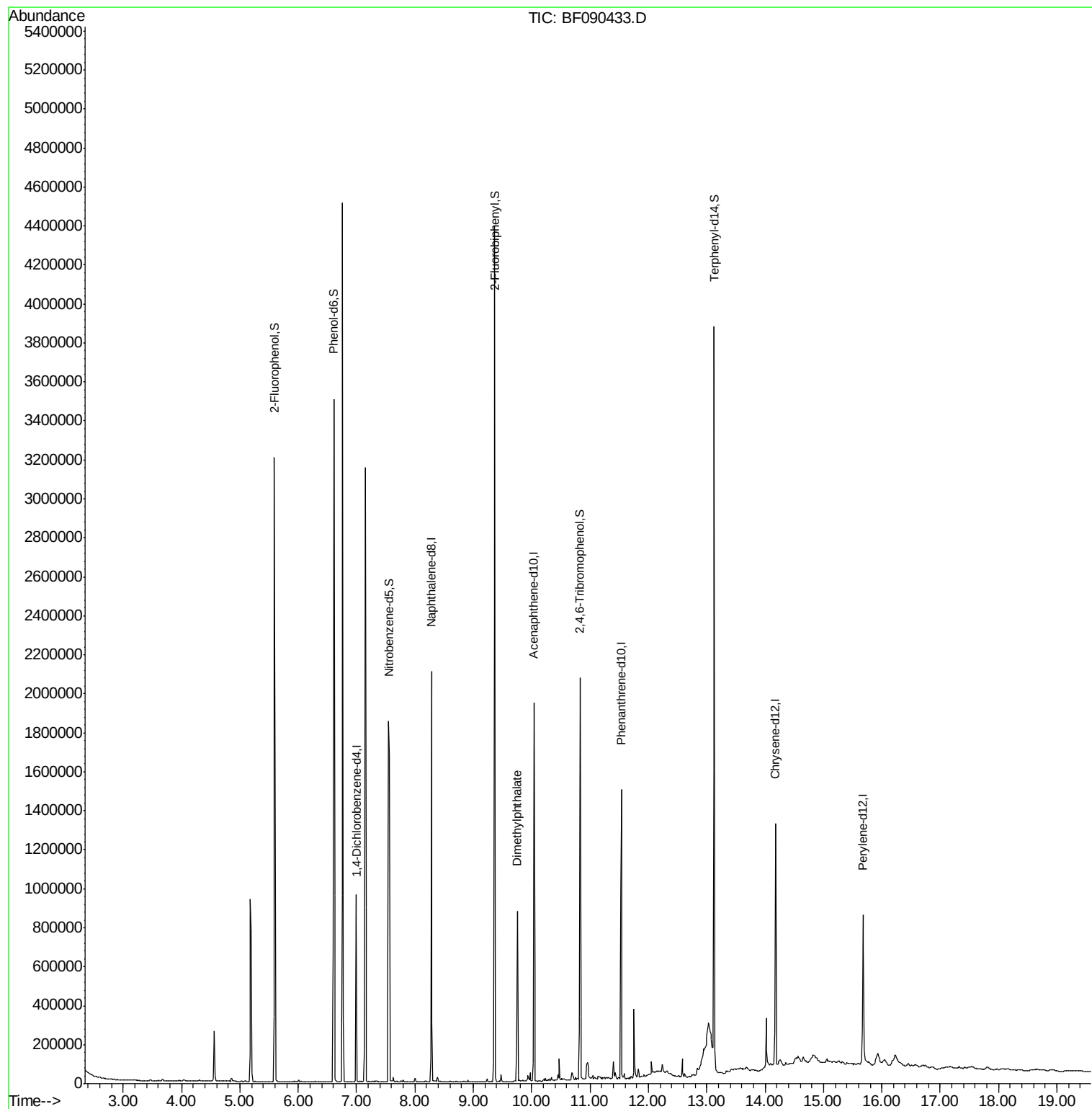
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	195279	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	822547	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	392866	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	644868	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	353477	20.00	ng	-0.02
86) Perylene-d12	15.68	264	358169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1034379	79.05	ng	-0.01
7) Phenol-d6	6.61	99	1300893	75.91	ng	-0.01
23) Nitrobenzene-d5	7.55	82	916998	54.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	183454	57.43	ng	-0.02
44) 2-Fluorobiphenyl	9.37	172	1568724	66.53	ng	-0.01
78) Terphenyl-d14	13.13	244	1195063	76.01	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	316456	12.58	ng	98

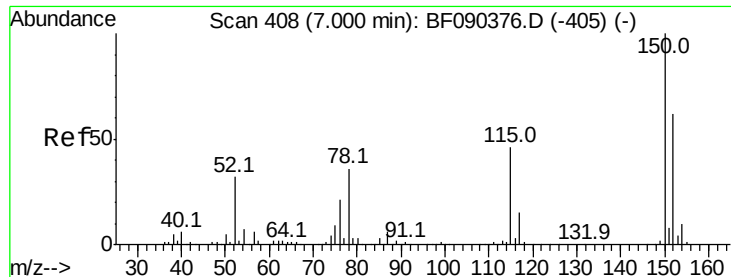
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

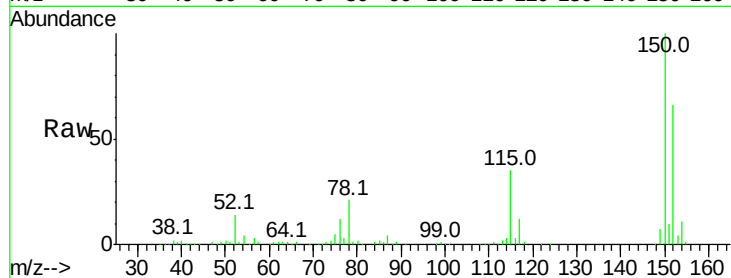
Tot Ion:152 Resp: 195279

Ion Ratio Lower Upper

152 100

150 151.0 124.6 186.8

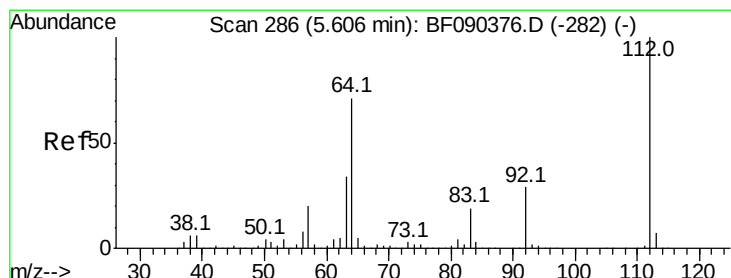
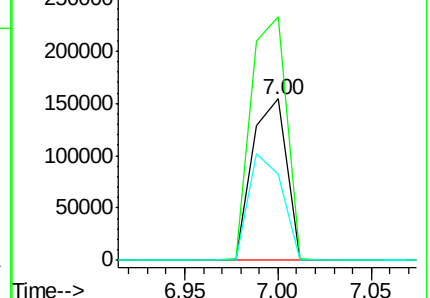
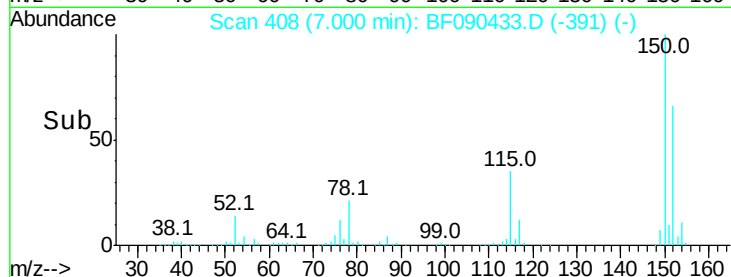
115 53.2 46.2 69.4



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: 79.05 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

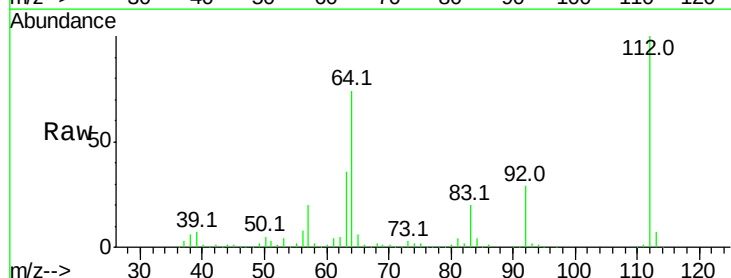
Tgt Ion:112 Resp: 1034379

Ion Ratio Lower Upper

112 100

64 74.0 57.9 86.9

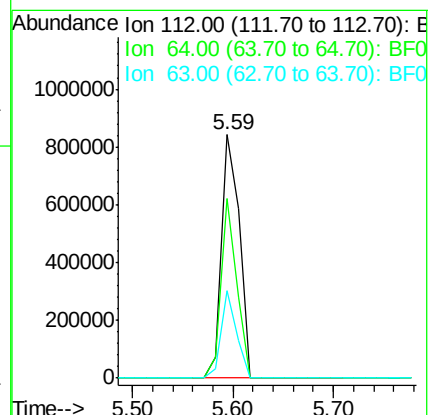
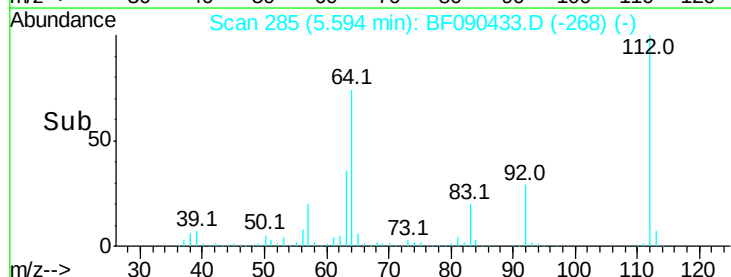
63 35.8 29.6 44.4

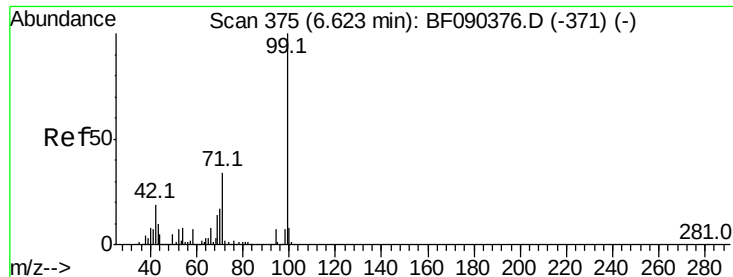


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.91 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

Instrument :

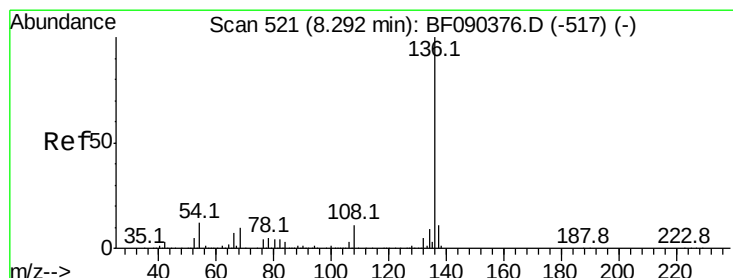
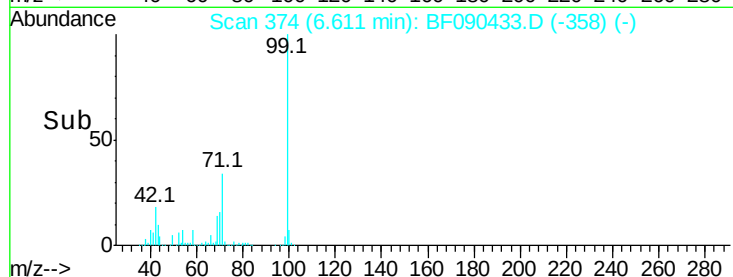
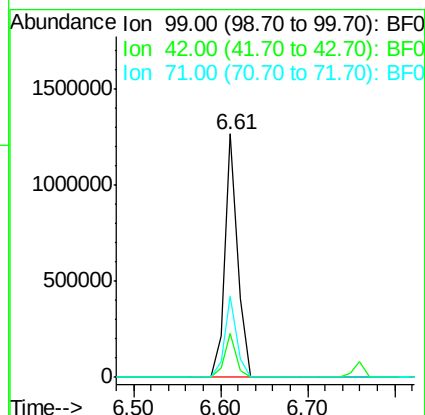
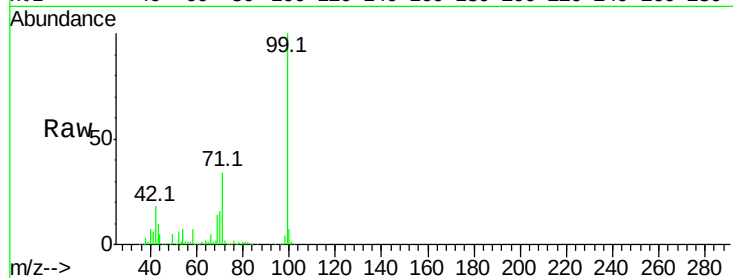
BNA_F

ClientSampleId :

IMPACT-57-STONE

Tot Ion: 99 Resp: 1300893

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	33.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

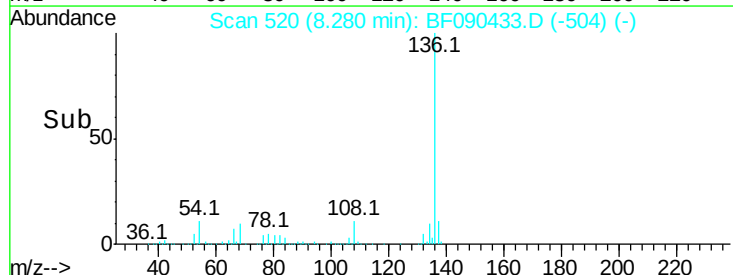
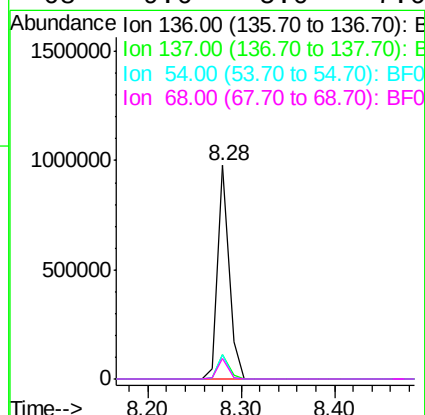
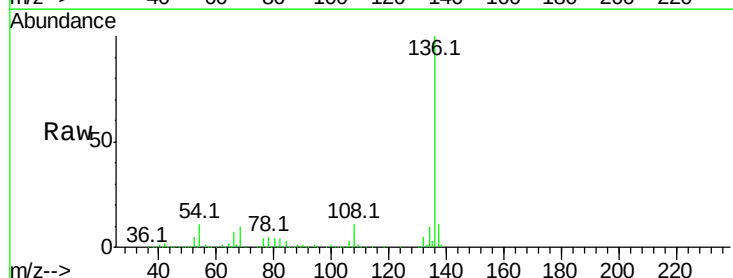
Delta R.T. -0.01 min

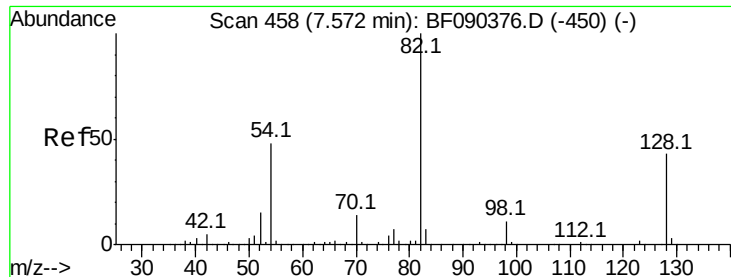
Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

Tgt Ion: 136 Resp: 822547

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	11.2	6.6	10.0#
68	9.6	5.0	7.6#

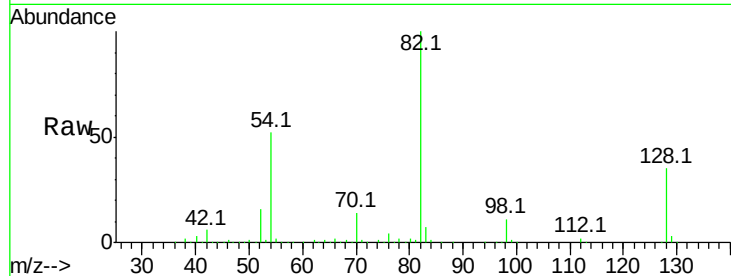




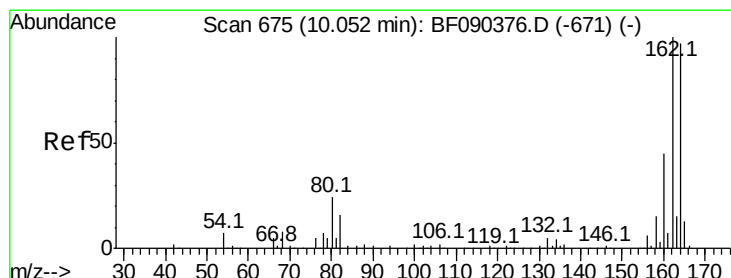
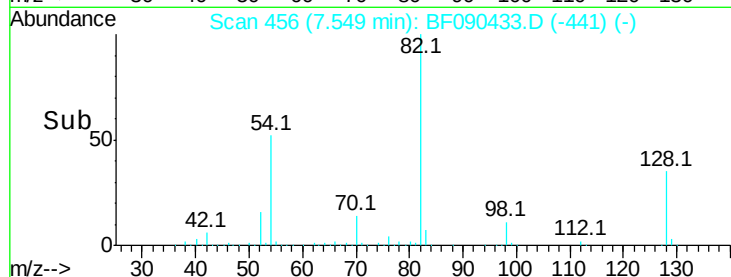
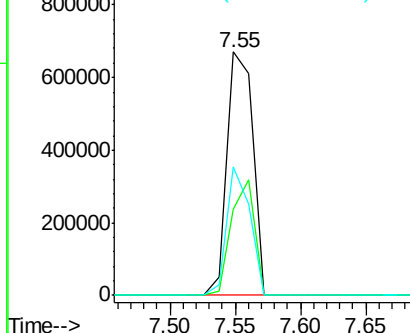
#23
 Nitrobenzene-d5
 Concen: 54.23 ng
 RT: 7.55 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090433.D
 Acq: 6 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Tot Ion: 82 Resp: 916998
 Ion Ratio Lower Upper
 82 100
 128 35.2 40.0 60.0#
 54 52.5 42.6 64.0

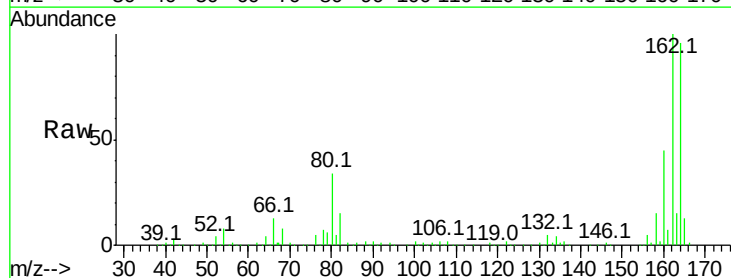


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

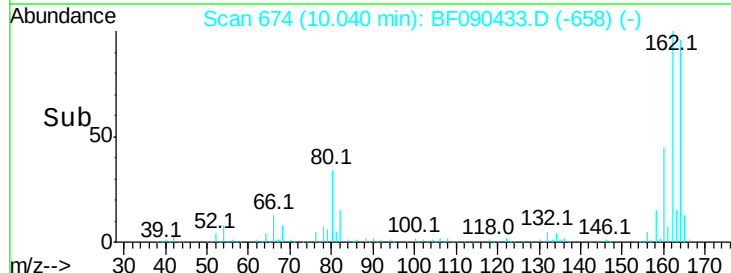
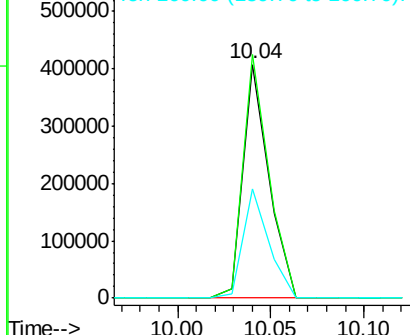


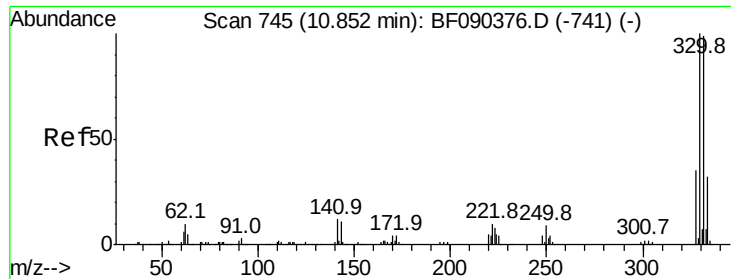
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090433.D
 Acq: 6 Oct 2016 22:10

Tgt Ion: 164 Resp: 392866
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.1 120.1
 160 46.8 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

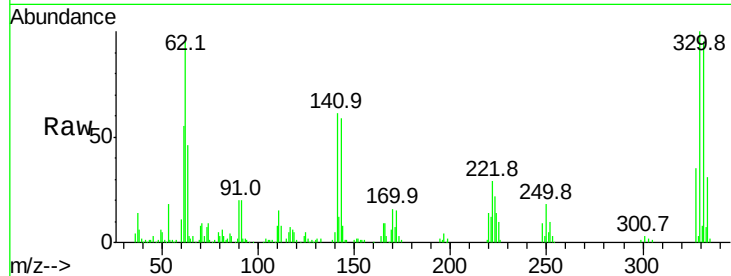




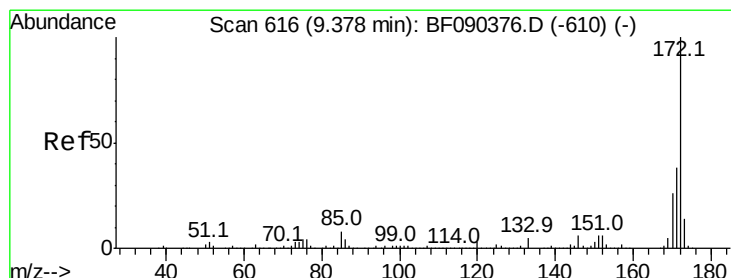
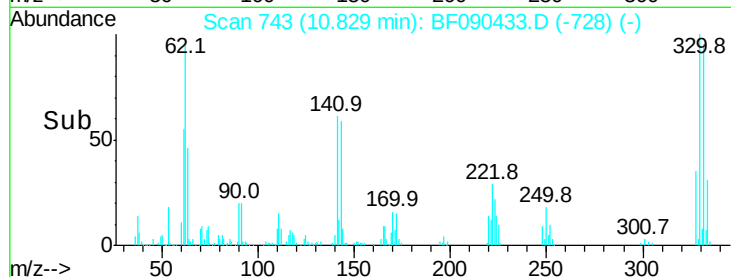
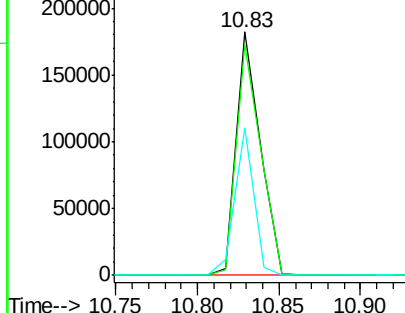
#41
 2,4,6-Tribromophenol
 Concen: 57.43 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090433.D
 Acq: 6 Oct 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	48.4	26.9	40.3#

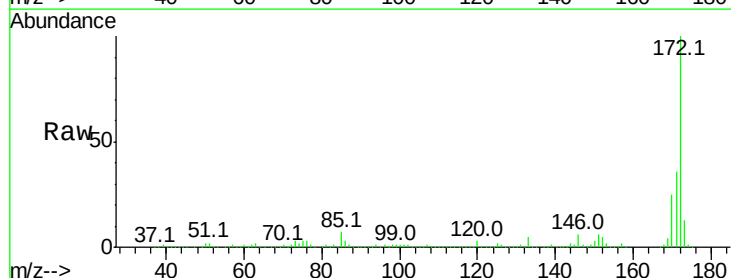


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

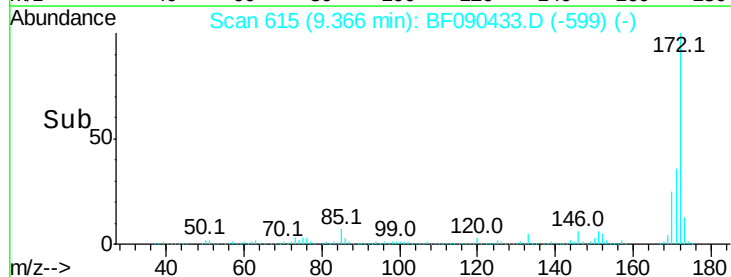
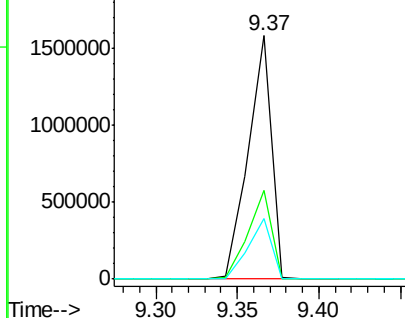


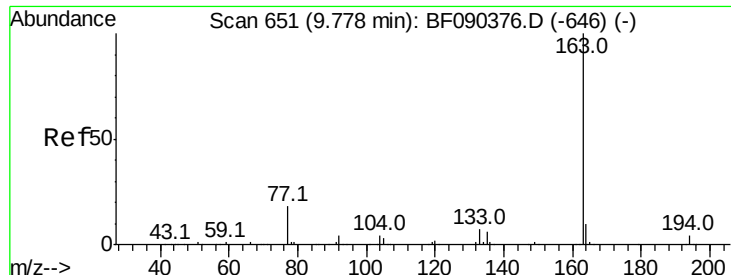
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090433.D
 Acq: 6 Oct 2016 22:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.8	47.8
170	24.9	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





#49

Dimethylphthalate

Concen: 12.58 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

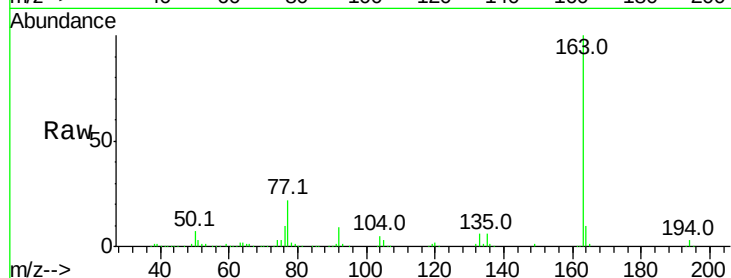
Tot Ion:163 Resp: 316456

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

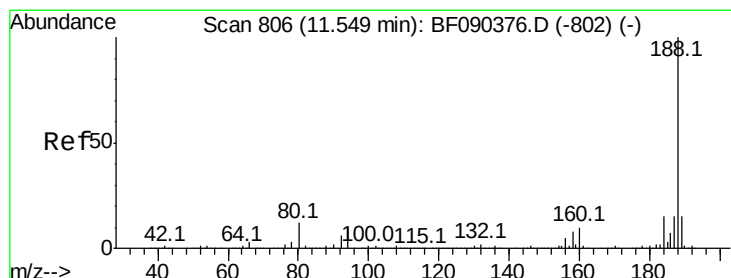
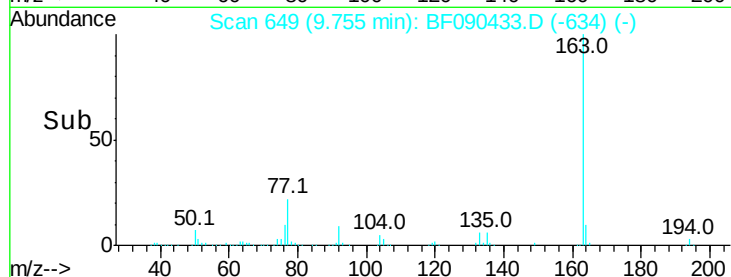
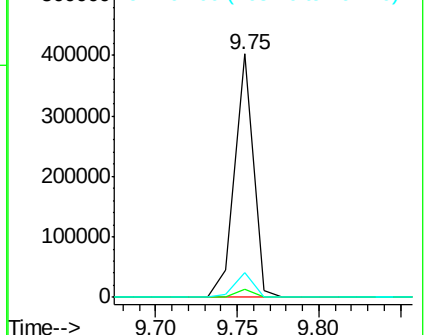
164 10.2 9.0 13.4



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: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

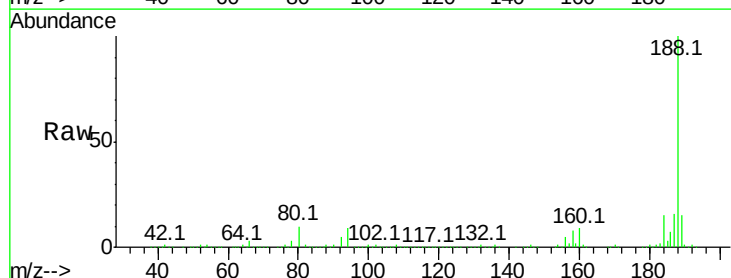
Tgt Ion:188 Resp: 644868

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

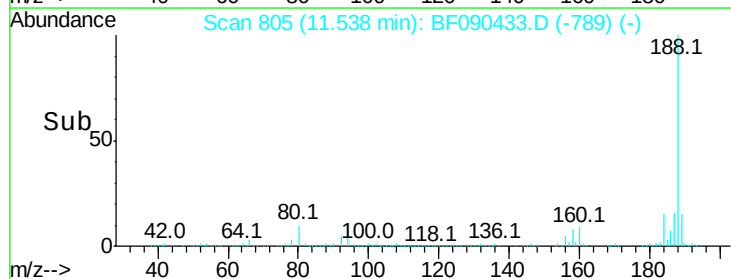
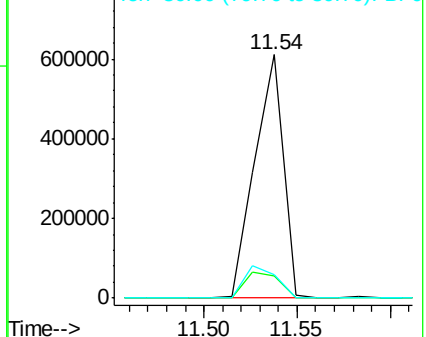
80 9.9 8.8 13.2

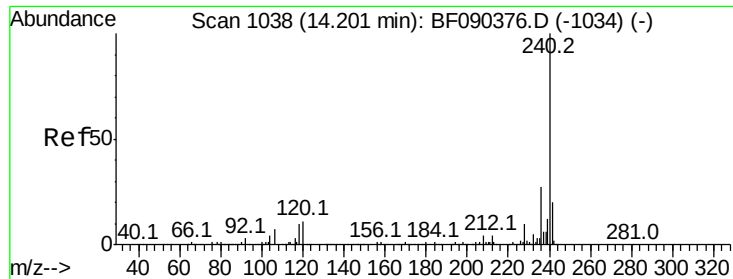


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

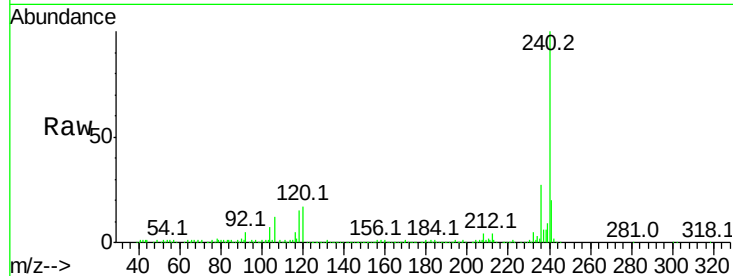
Tot Ion:240 Resp: 353477

Ion Ratio Lower Upper

240 100

120 16.8 8.6 13.0#

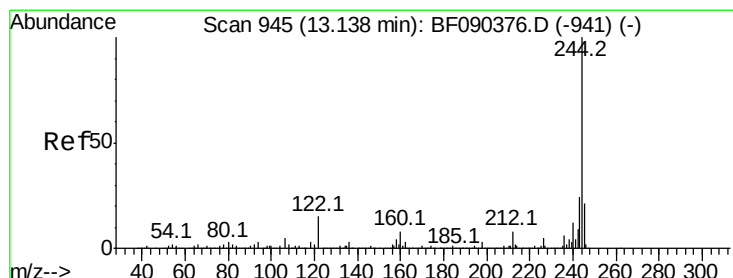
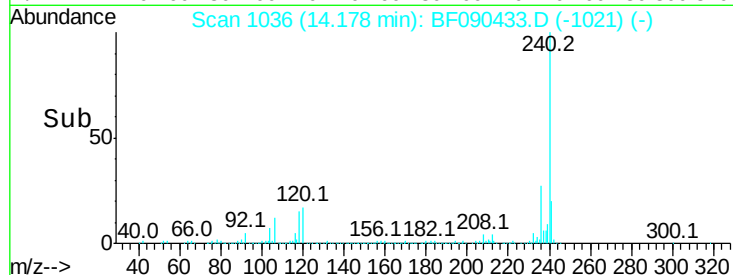
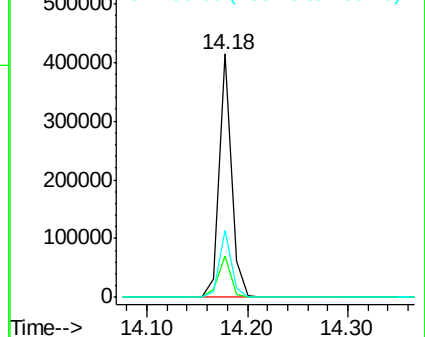
236 27.3 21.6 32.4



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: 76.01 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090433.D

Acq: 6 Oct 2016 22:10

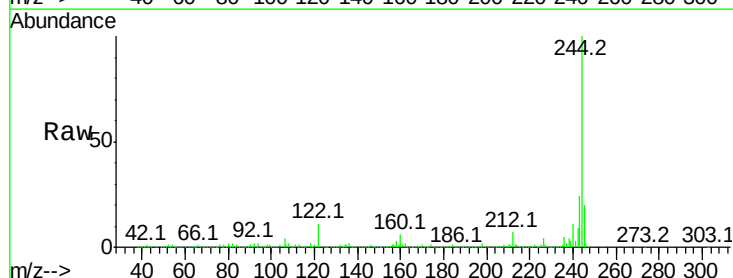
Tgt Ion:244 Resp: 1195063

Ion Ratio Lower Upper

244 100

212 6.9 6.8 10.2

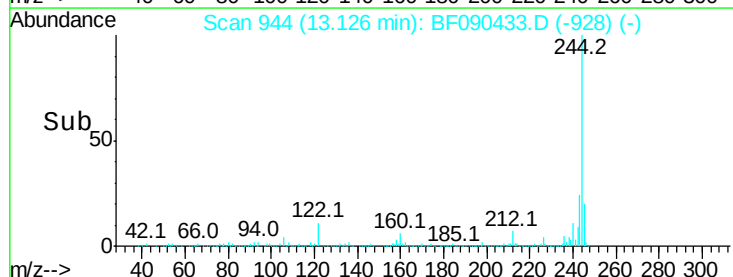
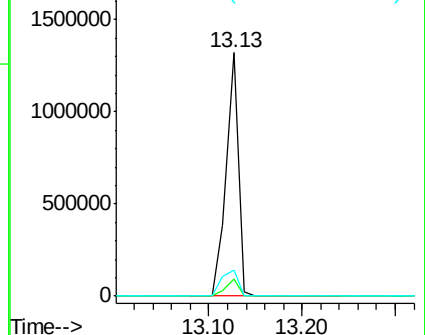
122 10.9 13.3 19.9#

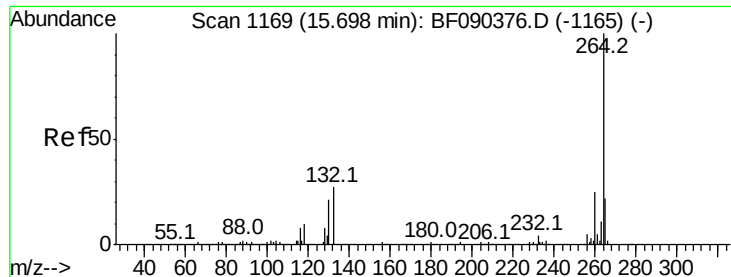


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090433.D
Acq: 6 Oct 2016 22:10

Instrument :
BNA_F
ClientSampleId :
IMPACT-57-STONE

Tot Ion: 264 Resp: 358169

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.0	17.4	26.0

