

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090443.D
 Acq On : 7 Oct 2016 14:01
 Operator : UM/SJ
 Sample : H5110-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Quant Time: Oct 07 14:46:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 13:55:49 2016
 Response via : Initial Calibration

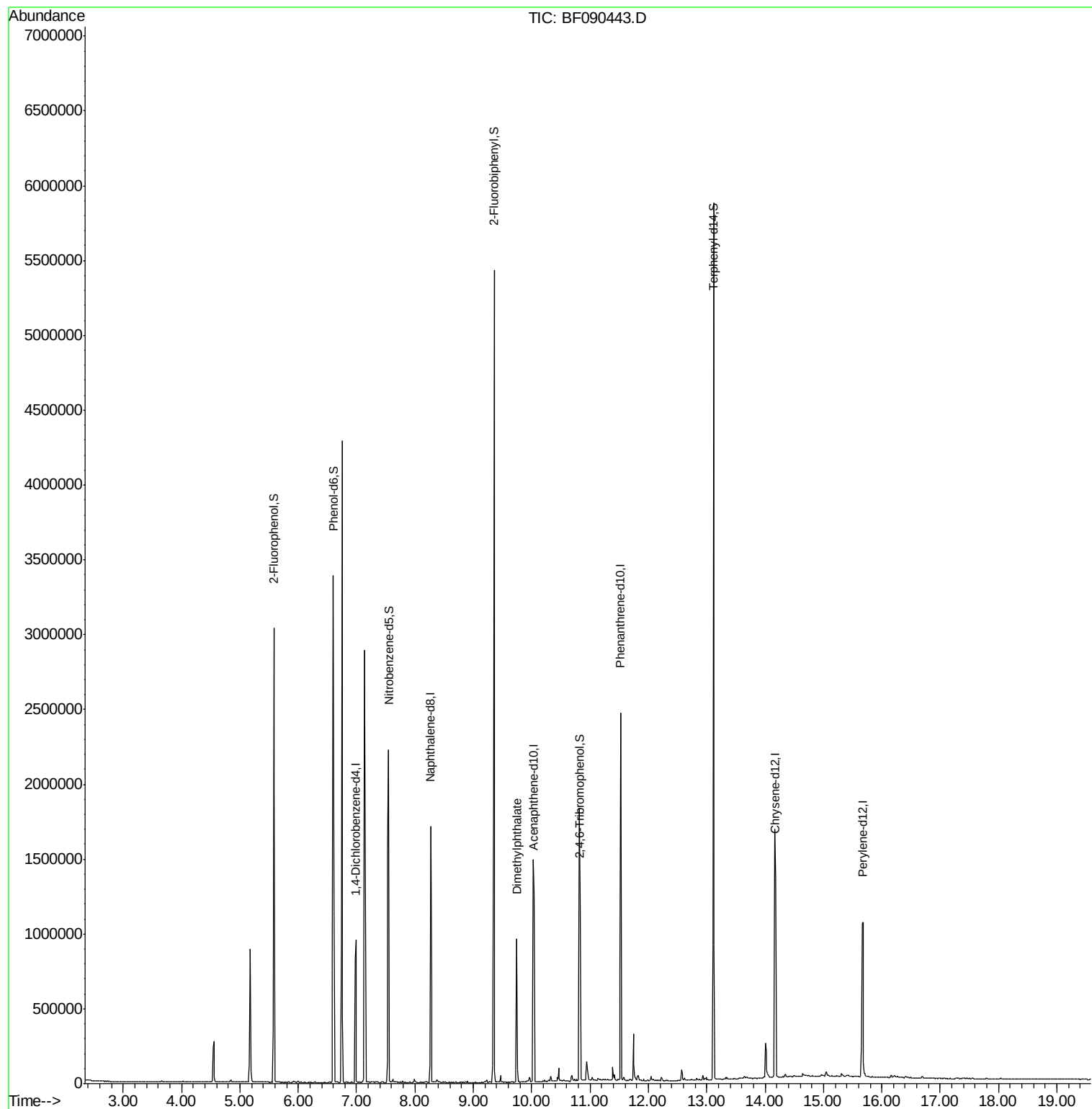
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	197999	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	814467	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	437217	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	841523	20.00	ng	0.00
75) Chrysene-d12	14.18	240	734211	20.00	ng	0.00
86) Perylene-d12	15.68	264	556162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1070584	80.70	ng	0.00
7) Phenol-d6	6.60	99	1355238	78.00	ng	-0.01
23) Nitrobenzene-d5	7.55	82	985037	58.83	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	266778	75.04	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1654623	63.05	ng	0.00
78) Terphenyl-d14	13.11	244	1677927	51.38	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	328706	11.74	ng	Qvalue 98

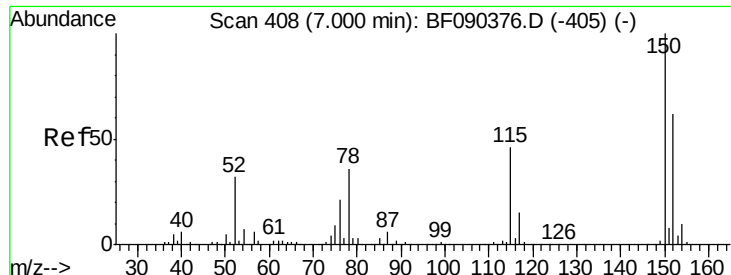
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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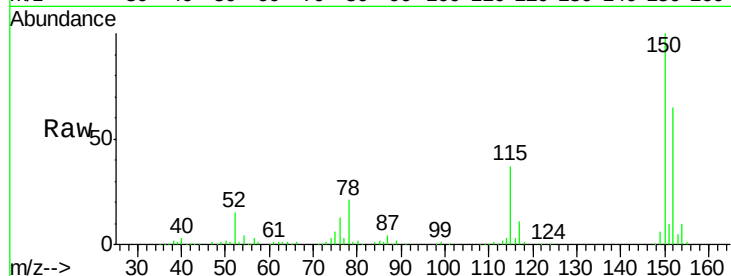




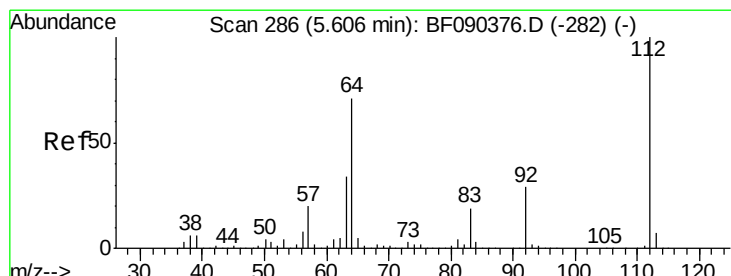
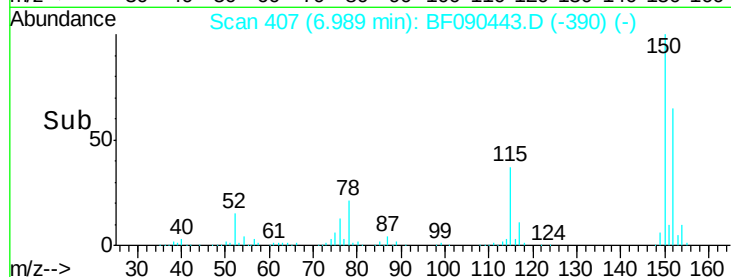
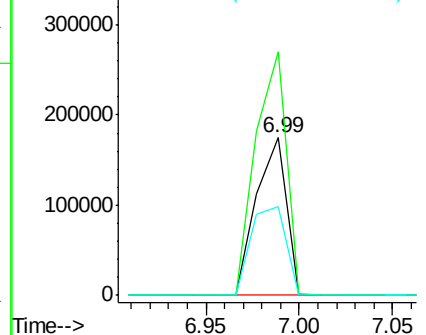
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Tgt Ion:152 Resp: 197999
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 56.5 46.2 69.4

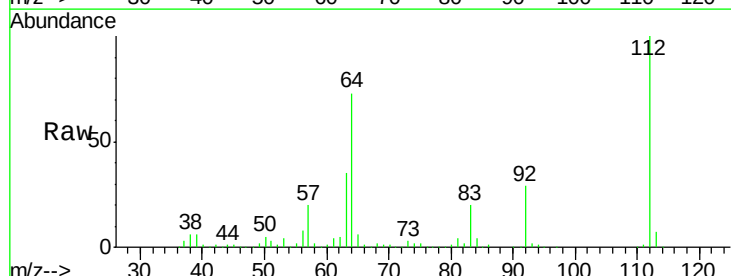


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

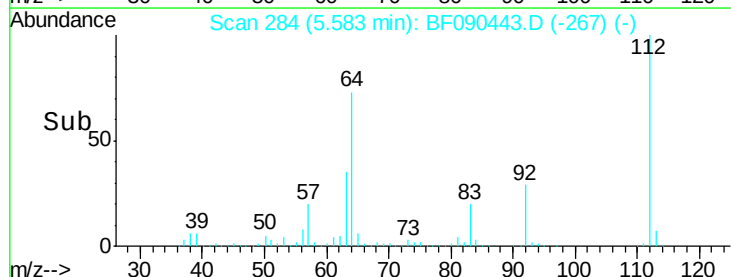
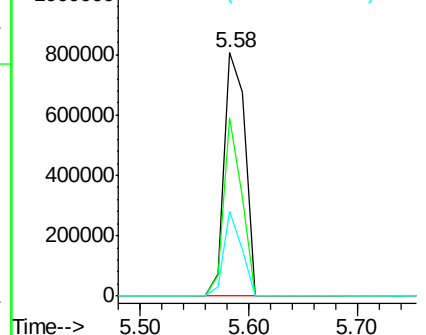


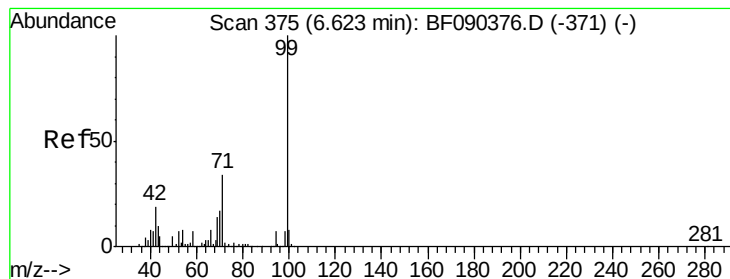
#5
 2-Fluorophenol
 Concen: 80.70 ng
 RT: 5.58 min Scan# 284
 Delta R.T. -0.00 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

Tgt Ion:112 Resp: 1070584
 Ion Ratio Lower Upper
 112 100
 64 73.2 57.9 86.9
 63 35.1 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: 78.00 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

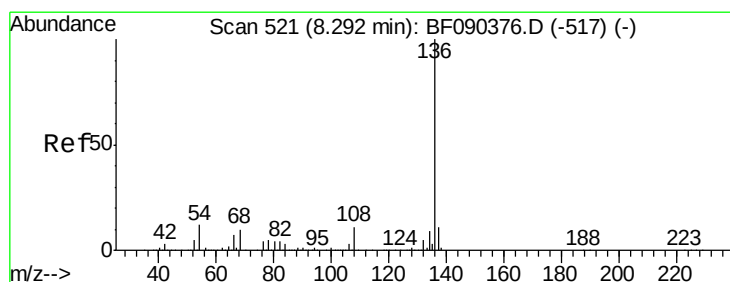
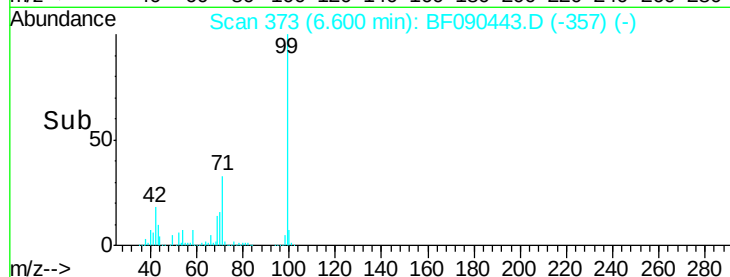
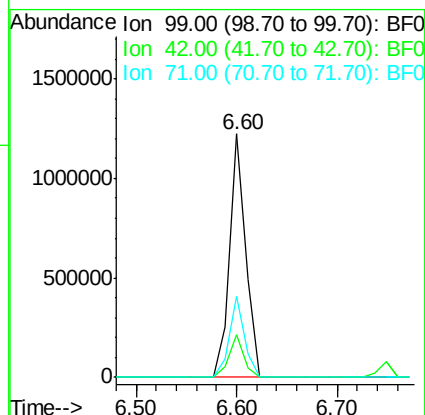
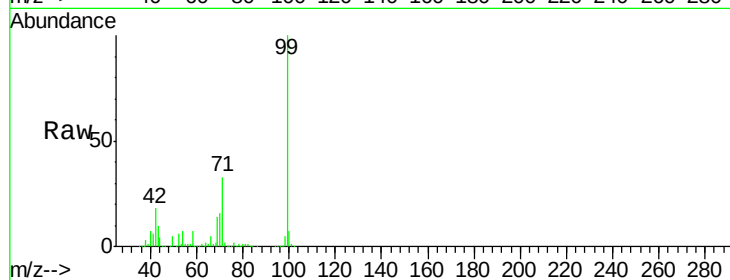
Tgt Ion: 99 Resp: 1355238

Ion Ratio Lower Upper

99 100

42 17.5 20.0 30.0#

71 33.4 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Tgt Ion: 136 Resp: 814467

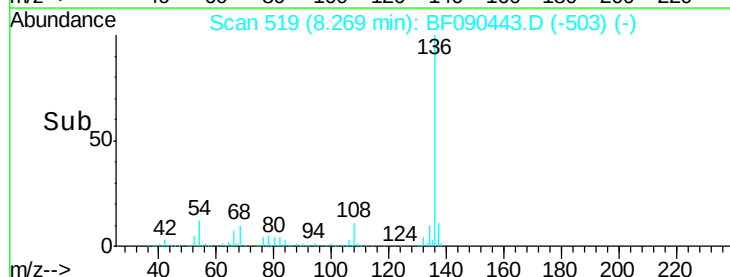
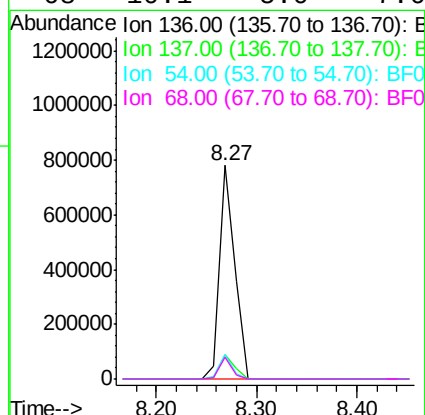
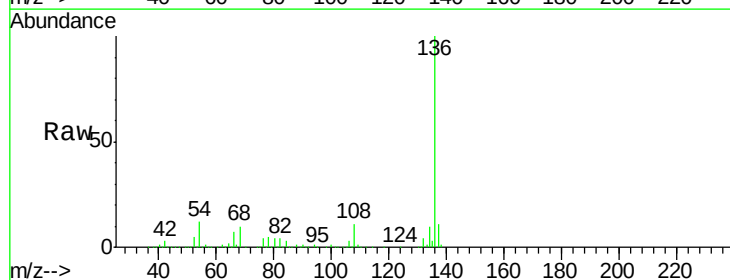
Ion Ratio Lower Upper

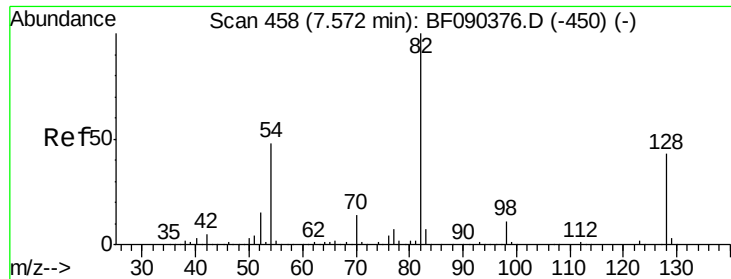
136 100

137 11.5 9.0 13.6

54 11.6 6.6 10.0#

68 10.1 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 58.83 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

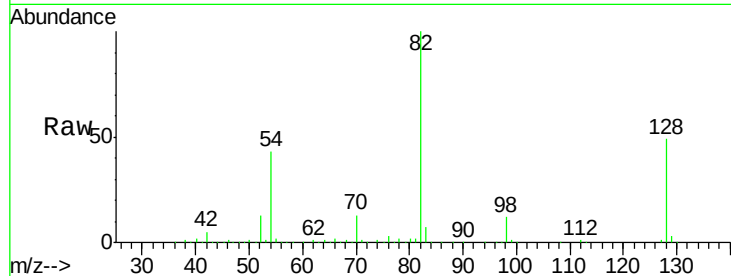
Tgt Ion: 82 Resp: 985037

Ion Ratio Lower Upper

82 100

128 48.7 40.0 60.0

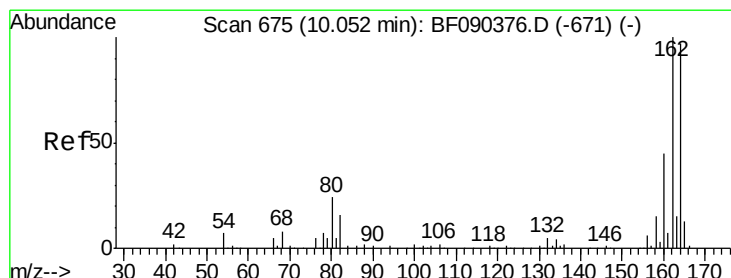
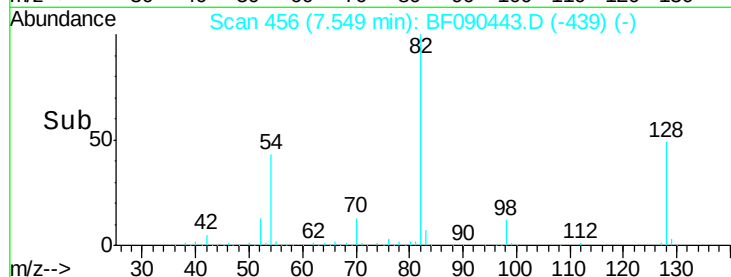
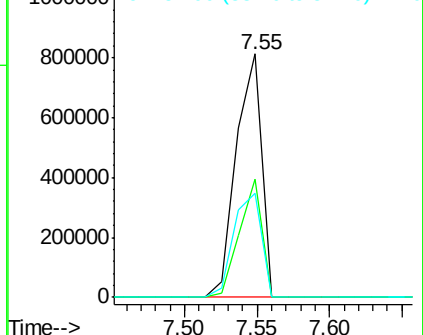
54 42.7 42.6 64.0



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. -0.00 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

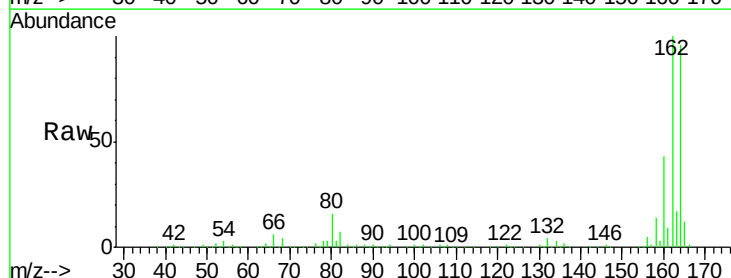
Tgt Ion: 164 Resp: 437217

Ion Ratio Lower Upper

164 100

162 104.3 80.1 120.1

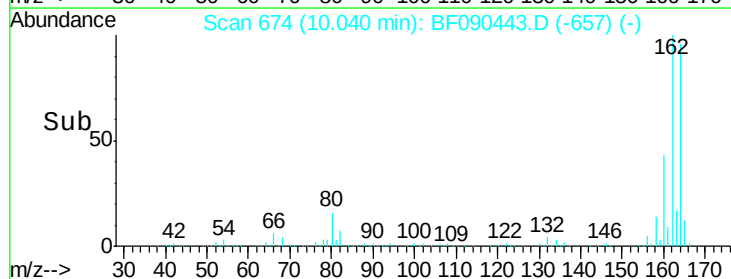
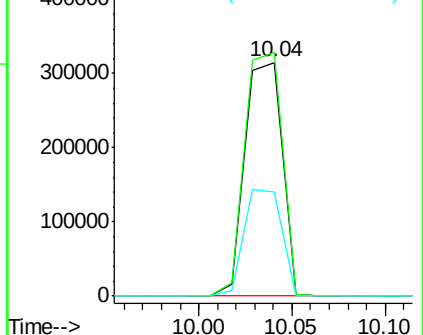
160 44.5 36.3 54.5

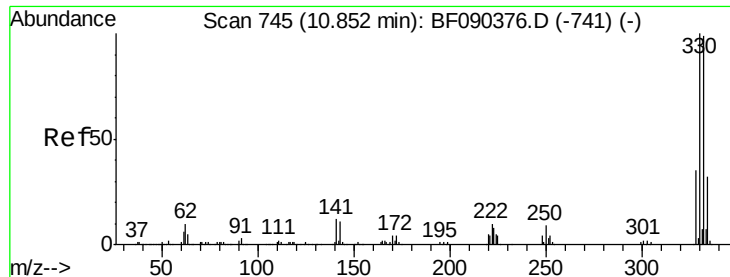


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

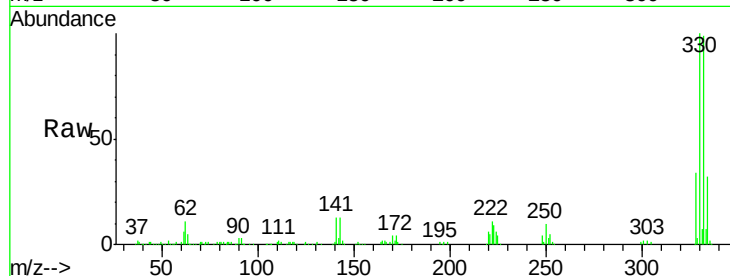




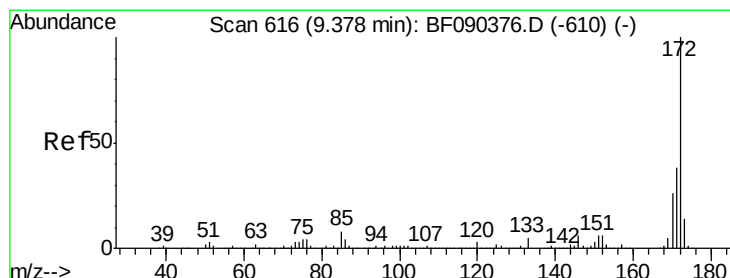
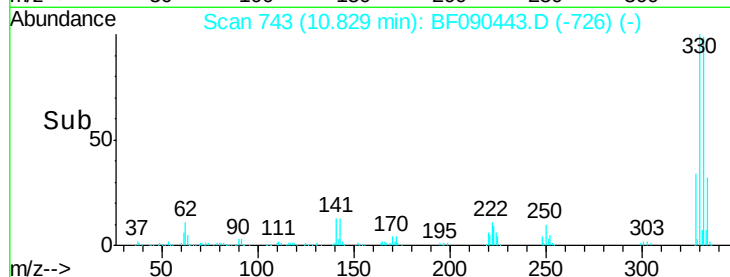
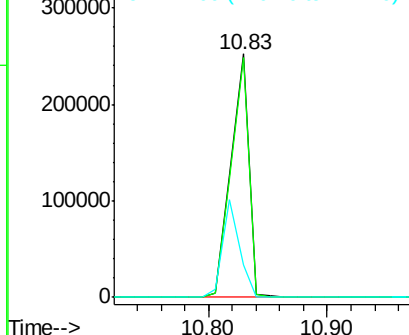
#41
 2,4,6-Tribromophenol
 Concen: 75.04 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-57-STONE

Tgt Ion:330 Resp: 266778
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.4 113.0
 141 37.2 26.9 40.3

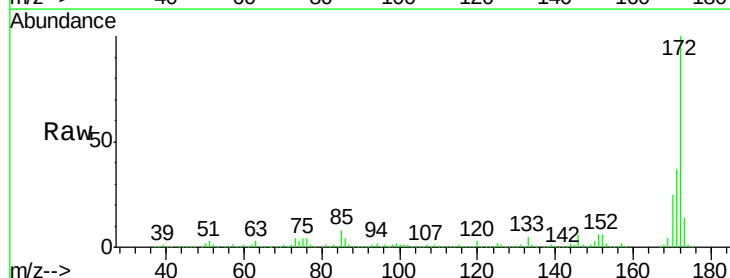


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

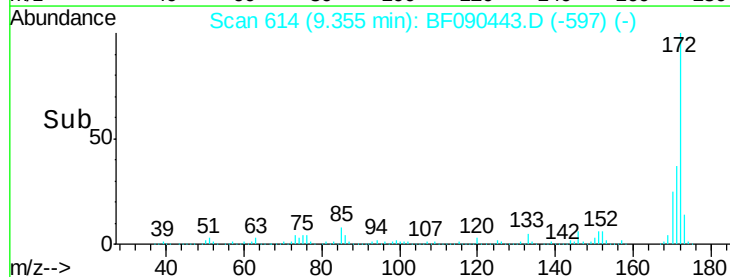
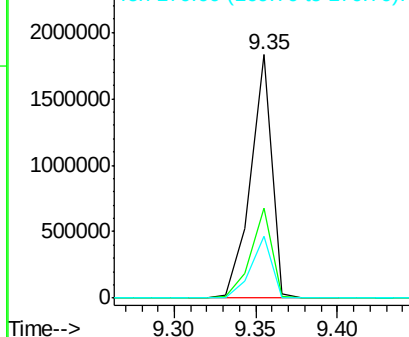


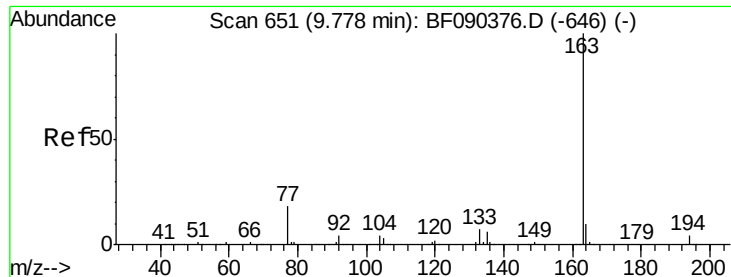
#44
 2-Fluorobiphenyl
 Concen: 63.05 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

Tgt Ion:172 Resp: 1654623
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.8 47.8
 170 25.2 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

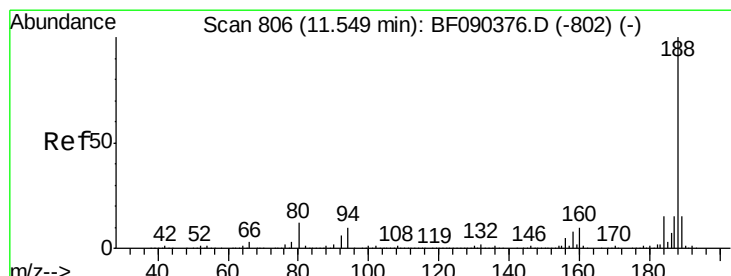
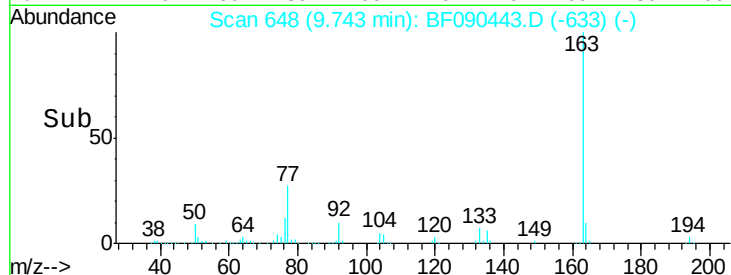
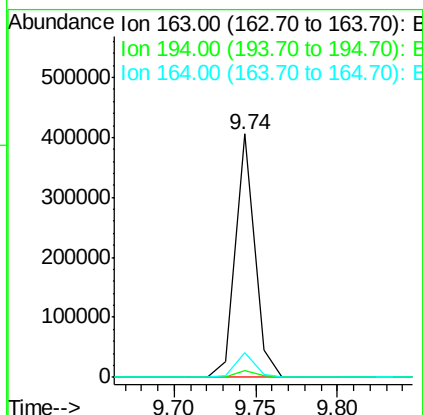
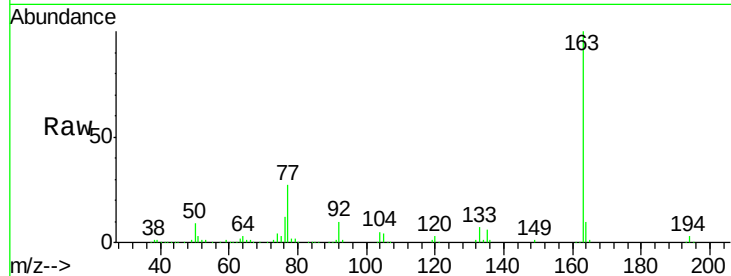




#49
Dimethylphthalate
Concen: 11.74 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090443.D
Acq: 7 Oct 2016 14:01

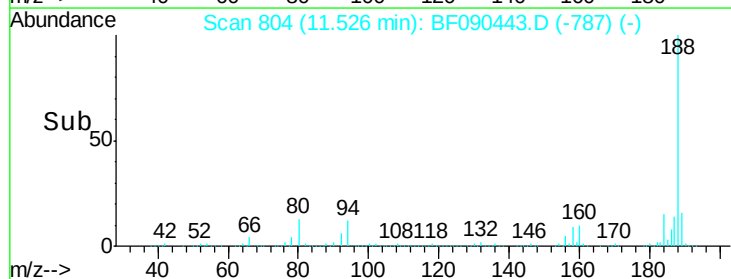
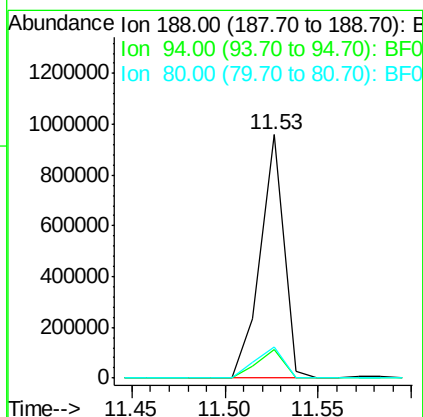
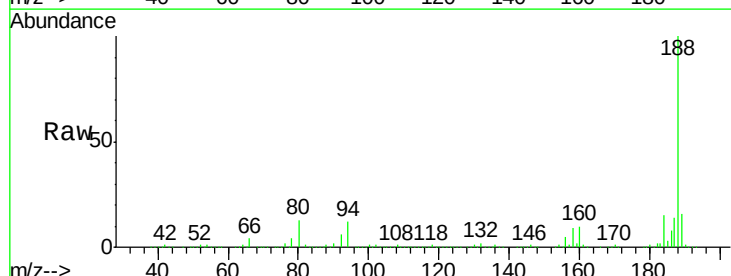
Instrument :
BNA_F
ClientSampleId :
IMPACT-57-STONE

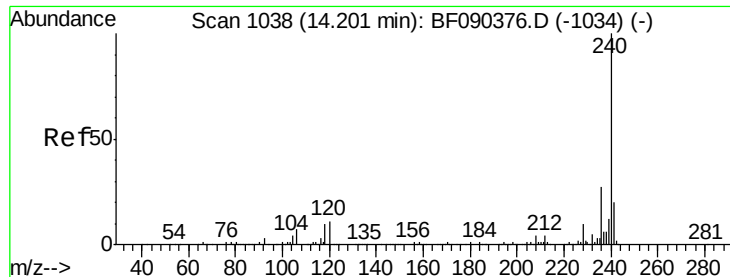
Tgt Ion:163 Resp: 328706
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.3 9.0 13.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF090443.D
Acq: 7 Oct 2016 14:01

Tgt Ion:188 Resp: 841523
Ion Ratio Lower Upper
188 100
94 11.5 8.2 12.2
80 12.7 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

IMPACT-57-STONE

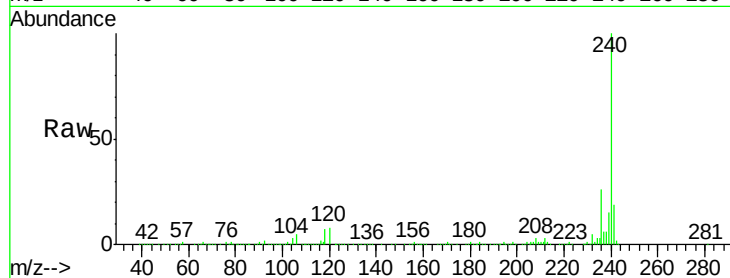
Tgt Ion:240 Resp: 734211

Ion Ratio Lower Upper

240 100

120 8.0 8.6 13.0#

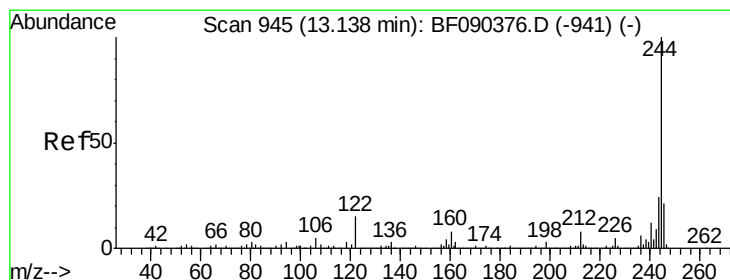
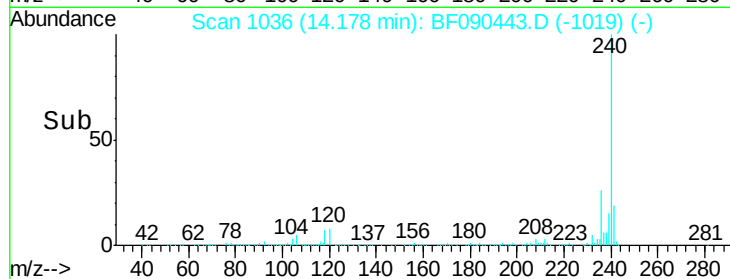
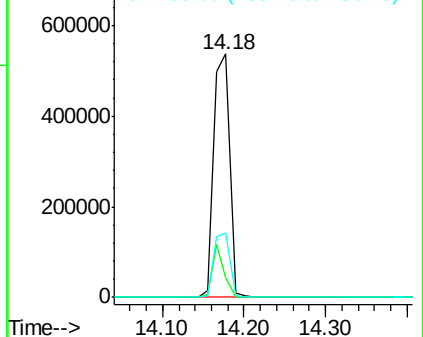
236 26.4 21.6 32.4



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: 51.38 ng

RT: 13.11 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

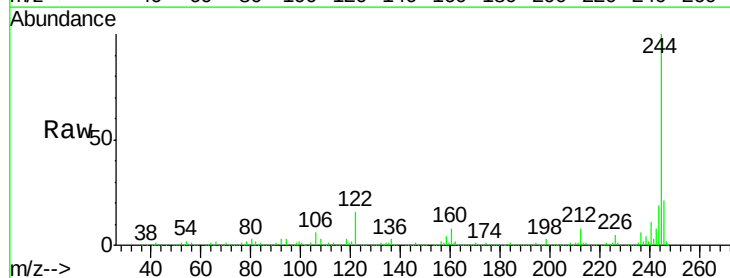
Tgt Ion:244 Resp: 1677927

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

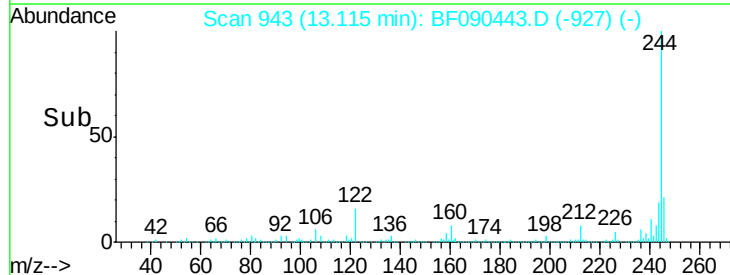
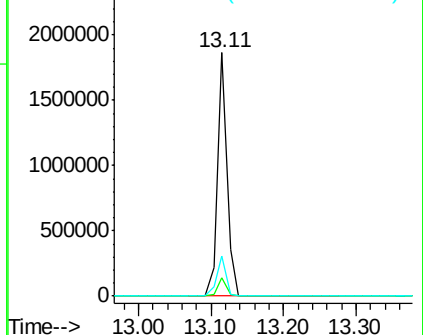
122 16.4 13.3 19.9

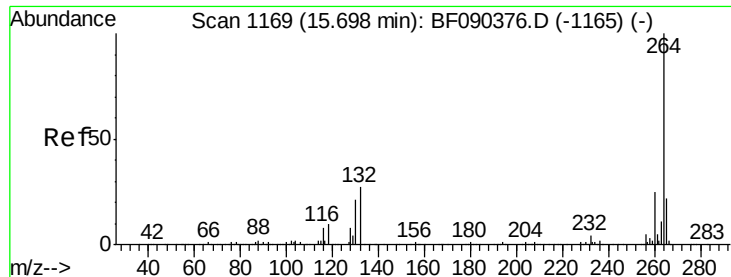


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

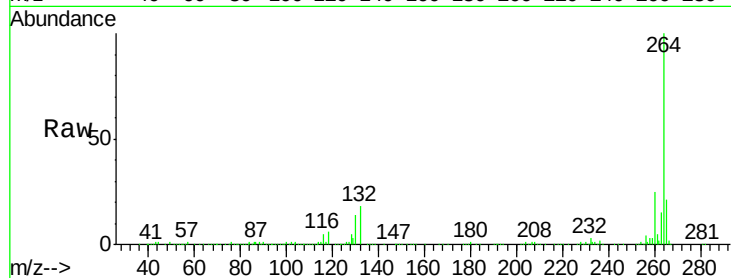




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF090443.D
Acq: 7 Oct 2016 14:01

Instrument :
BNA_F
ClientSampleId :
IMPACT-57-STONE

Tgt Ion: 264 Resp: 556162
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 21.1 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

