

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093083.D
 Acq On : 22 Feb 2017 18:52
 Operator : SJ/MA
 Sample : I1929-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRIT-STOCKPILE

Quant Time: Feb 23 00:22:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

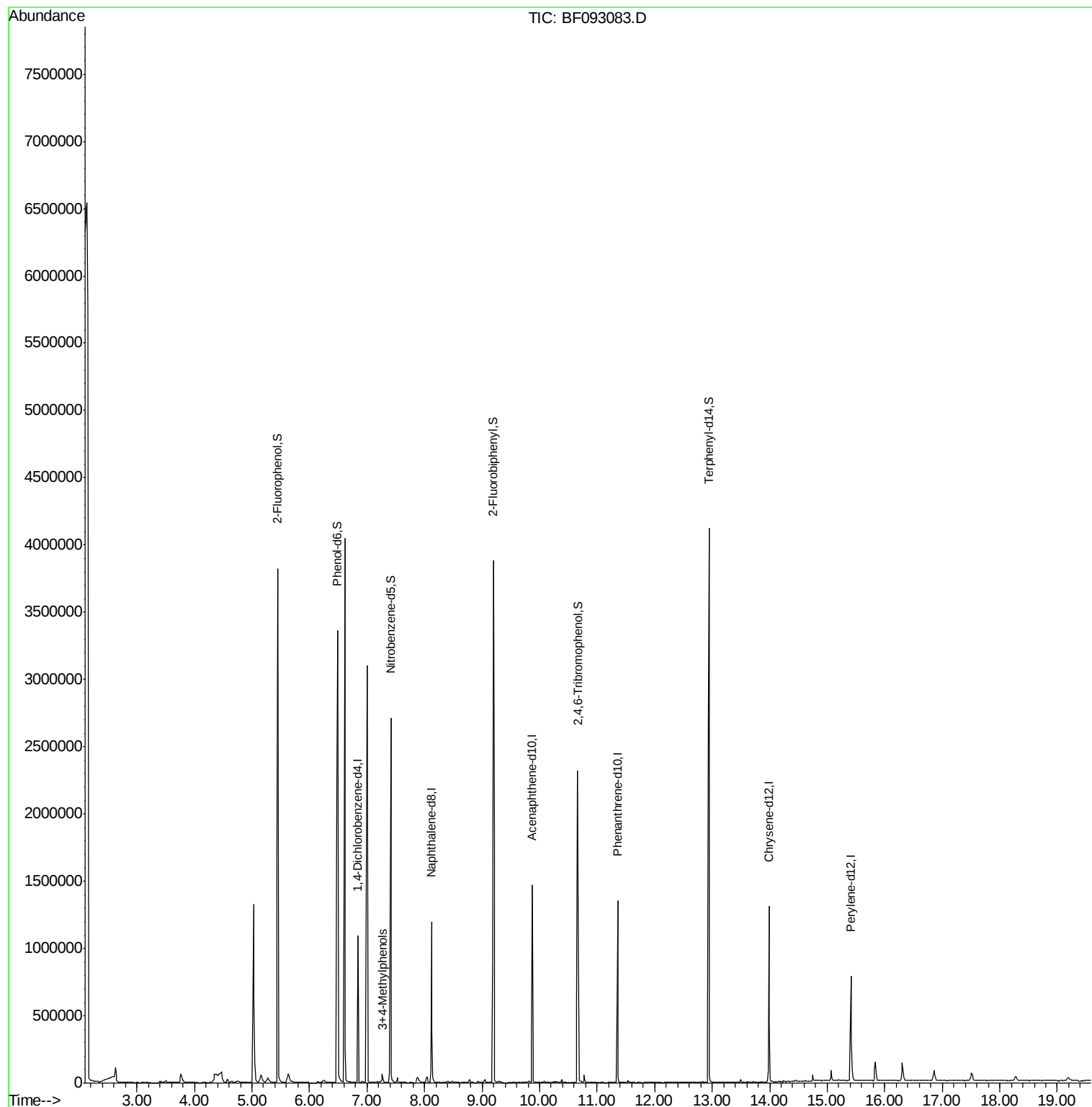
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153815	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	565714	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	277224	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	548809	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	463904	20.00	ng	-0.03
86) Perylene-d12	15.41	264	345666	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1125772	125.57	ng	0.00
7) Phenol-d6	6.49	99	1439727	124.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	1027677	101.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	338830	168.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1590624	103.95	ng	-0.02
78) Terphenyl-d14	12.95	244	1607435	81.42	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.26	107	20397	2.01	ng	Qvalue # 65

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

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ClientSampleId :

GRIT-STOCKPILE

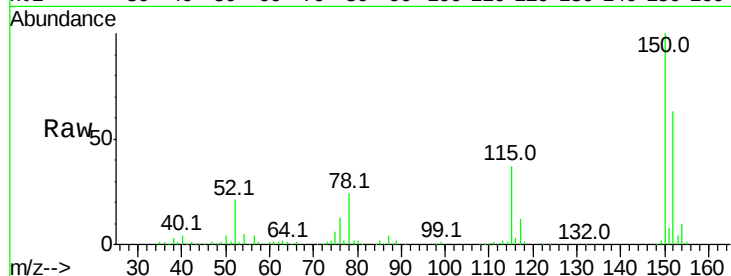
Tot Ion:152 Resp: 153815

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

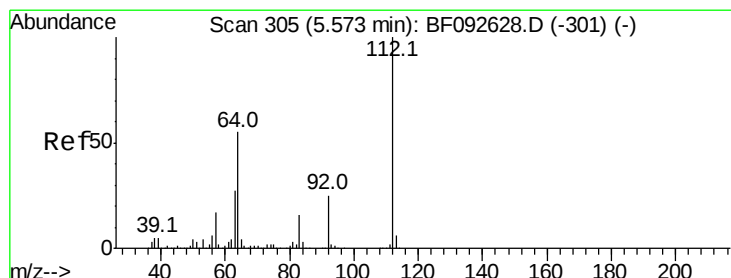
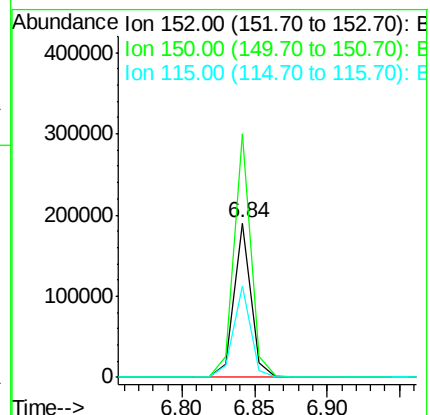
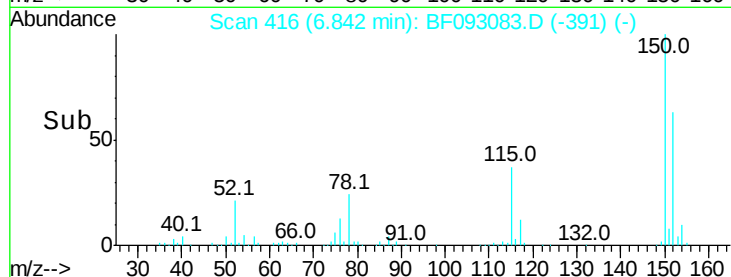
115 59.2 46.0 69.0



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: 125.57 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

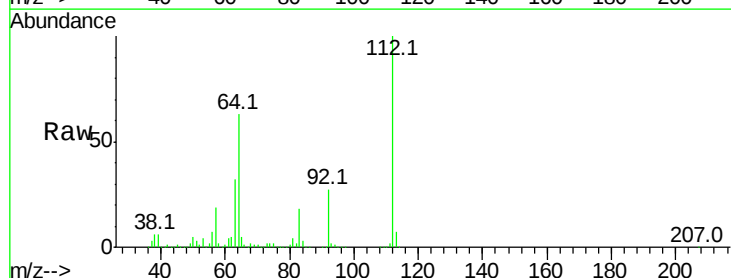
Tgt Ion:112 Resp: 1125772

Ion Ratio Lower Upper

112 100

64 63.2 46.1 69.1

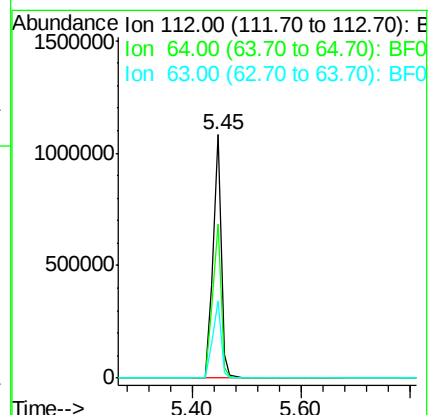
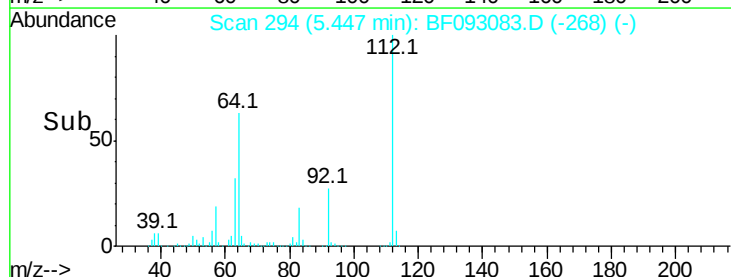
63 31.6 23.8 35.6

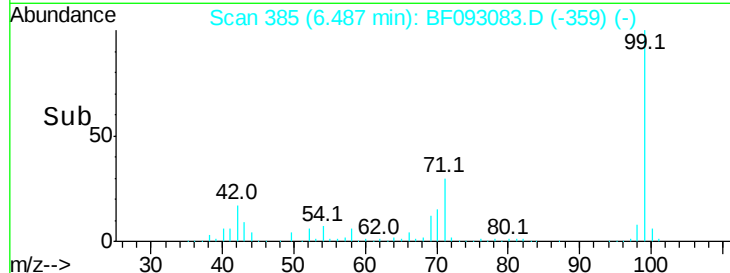
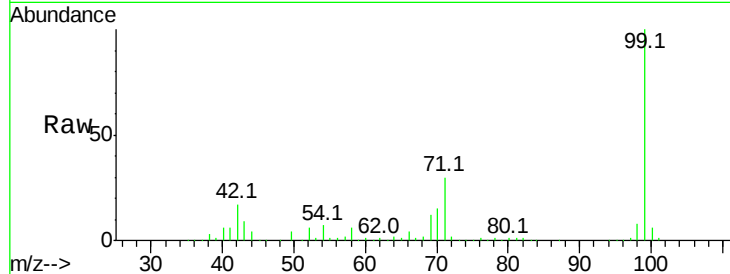
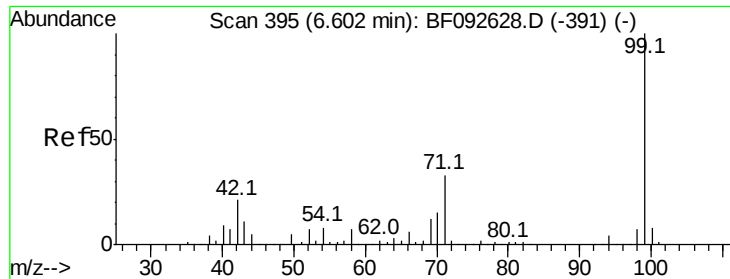


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.81 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

Instrument :

BNA_F

ClientSampleId :

GRIT-STOCKPILE

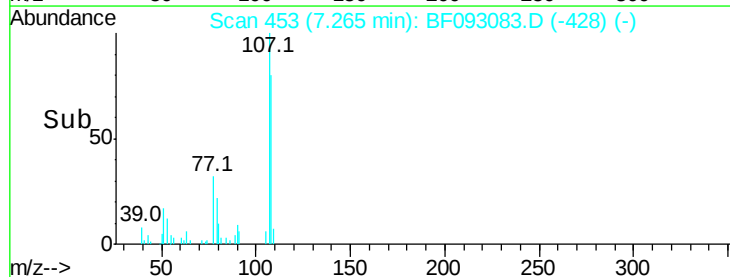
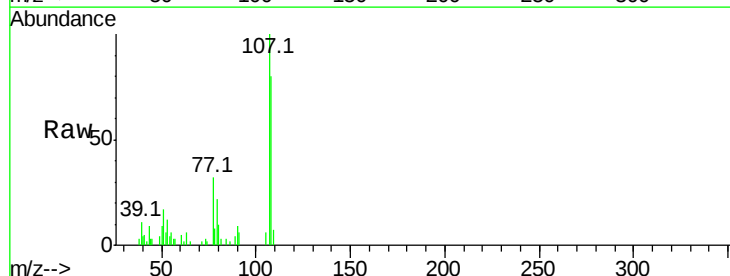
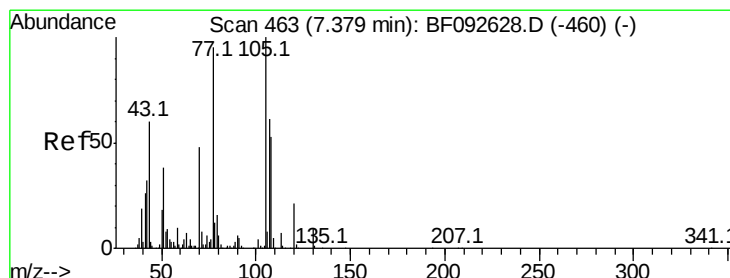
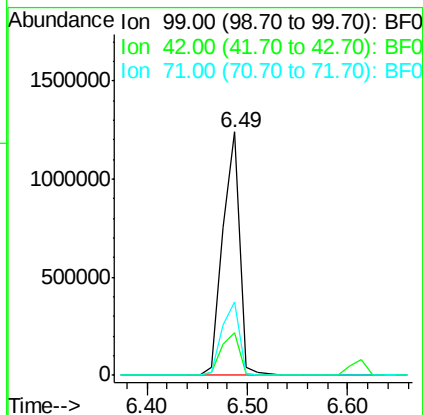
Tot Ion: 99 Resp: 1439727

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

71 30.2 27.5 41.3



#20

3+4-Methylphenols

Concen: 2.01 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

Tgt Ion:107 Resp: 20397

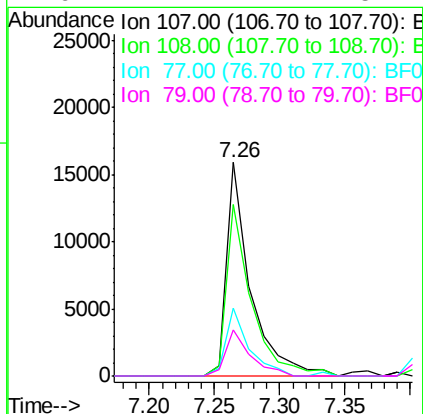
Ion Ratio Lower Upper

107 100

108 80.5 73.0 113.0

77 31.9 71.3 111.3#

79 21.7 11.1 51.1

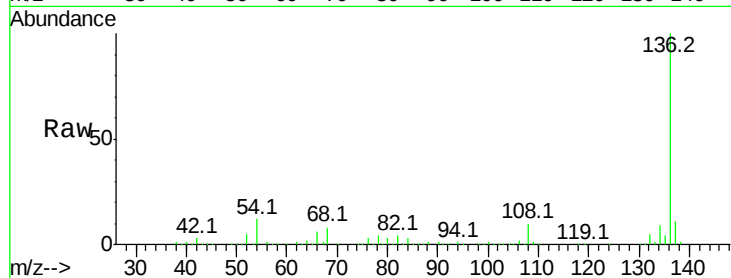




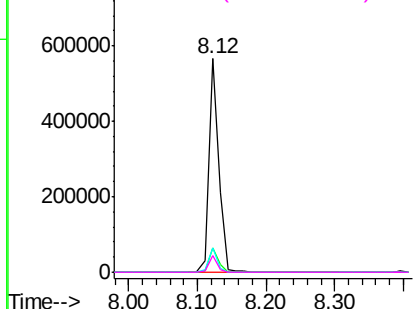
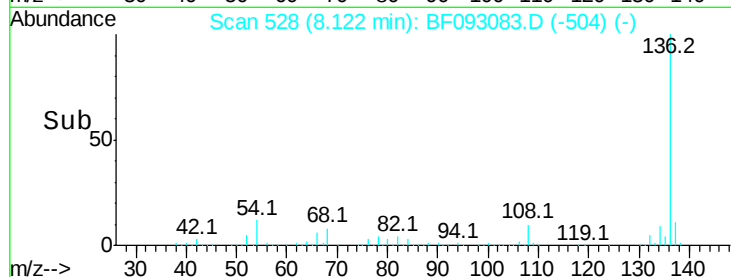
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093083.D
Acq: 22 Feb 2017 18:52

Instrument :
BNA_F
ClientSampleId :
GRIT-STOCKPILE

Tot Ion:	136	Resp:	565714
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.6	4.5	6.7#
68	7.7	3.6	5.4#

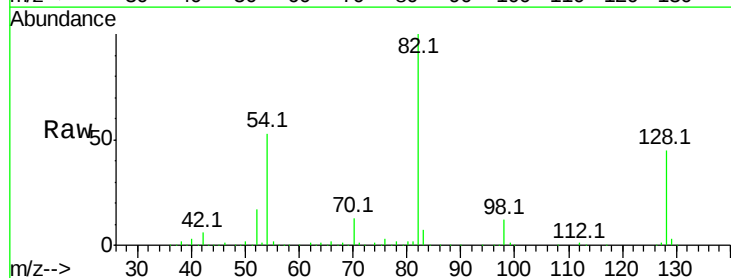


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

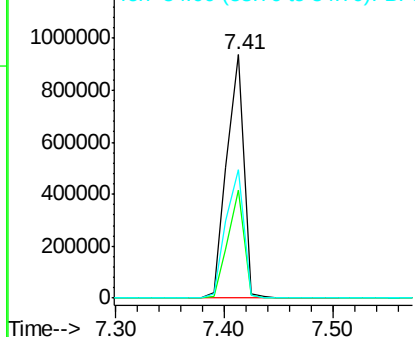
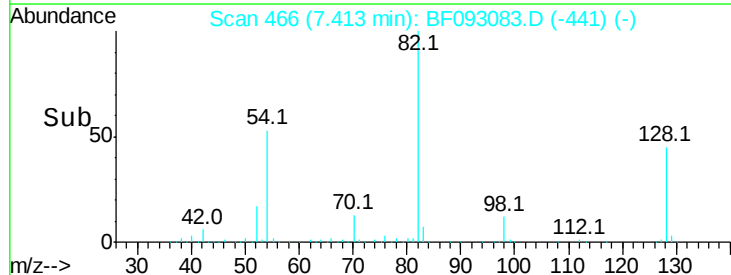


#23
Nitrobenzene-d5
Concen: 101.16 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093083.D
Acq: 22 Feb 2017 18:52

Tgt Ion:	82	Resp:	1027677
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	52.7	39.5	59.3



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

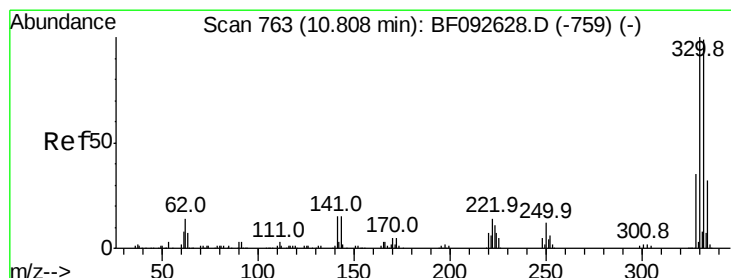
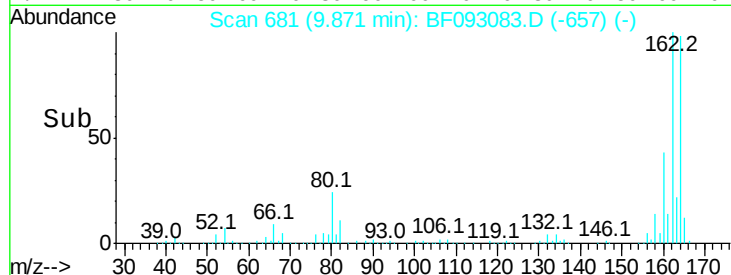
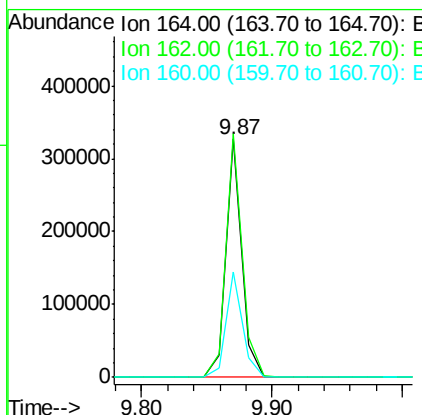
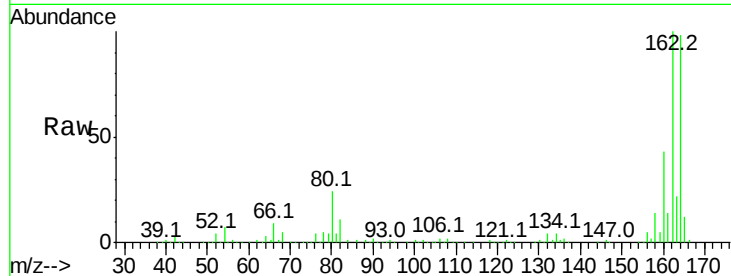




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093083.D
Acq: 22 Feb 2017 18:52

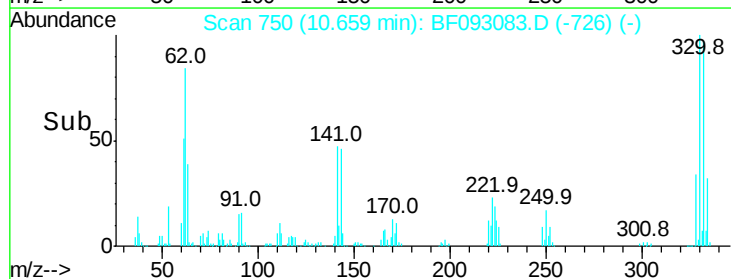
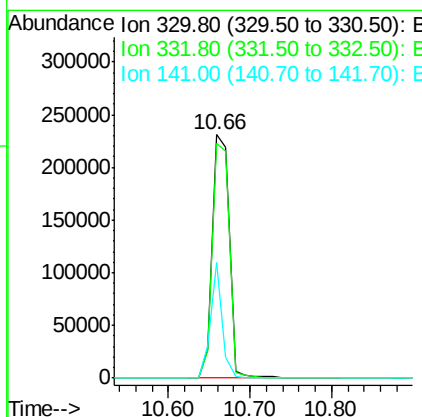
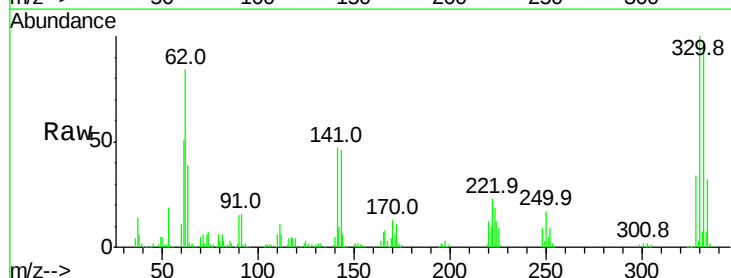
Instrument :
BNA_F
ClientSampleId :
GRIT-STOCKPILE

Tot Ion:164 Resp: 277224
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 44.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 168.99 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF093083.D
Acq: 22 Feb 2017 18:52

Tgt Ion:330 Resp: 338830
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 33.3 34.1 51.1#



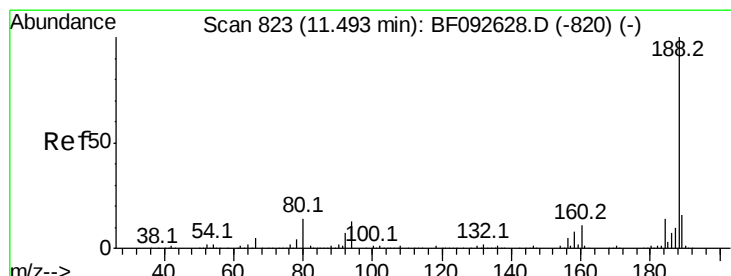
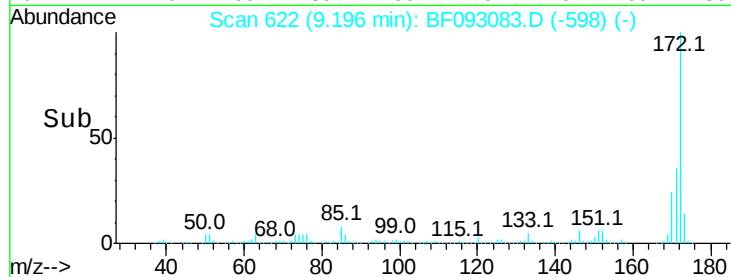
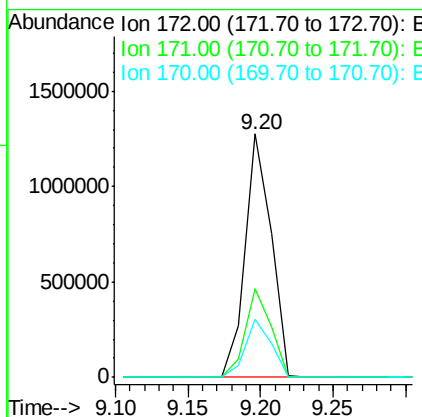
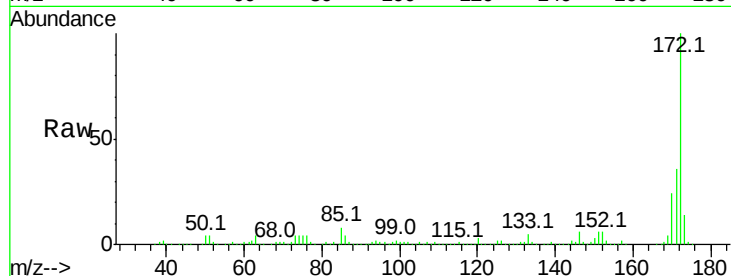


#44
 2-Fluorobiphenyl
 Concen: 103.95 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093083.D
 Acq: 22 Feb 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 GRIT-STOCKPILE

Tot Ion:172 Resp: 1590624

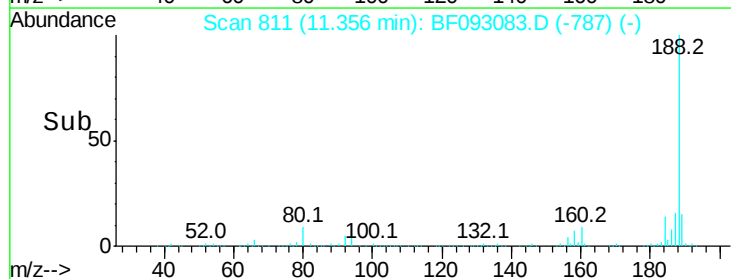
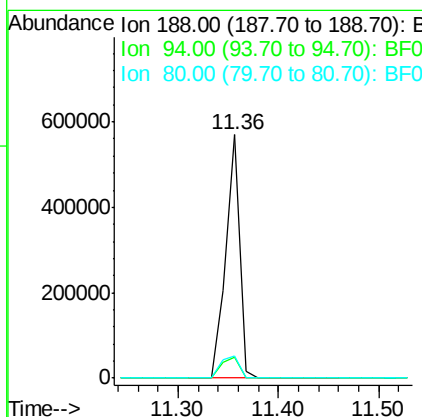
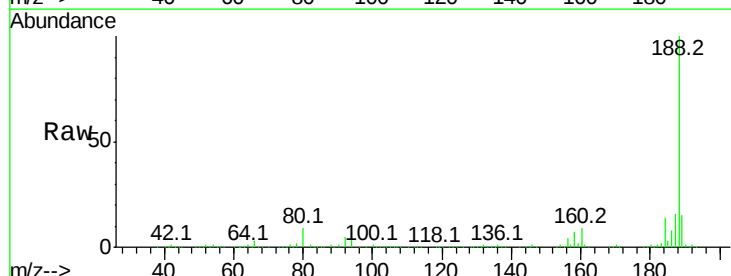
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.0	20.2	30.4

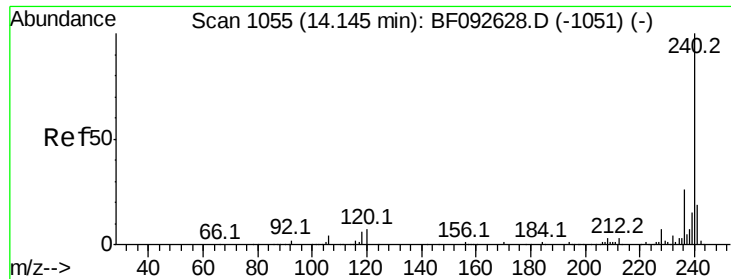


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093083.D
 Acq: 22 Feb 2017 18:52

Tgt Ion:188 Resp: 548809

Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.0	15.0#
80	8.9	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

Instrument :

BNA_F

ClientSampleId :

GRIT-STOCKPILE

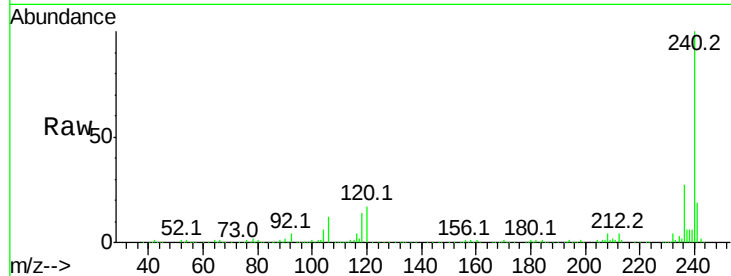
Tot Ion:240 Resp: 463904

Ion Ratio Lower Upper

240 100

120 16.6 12.9 19.3

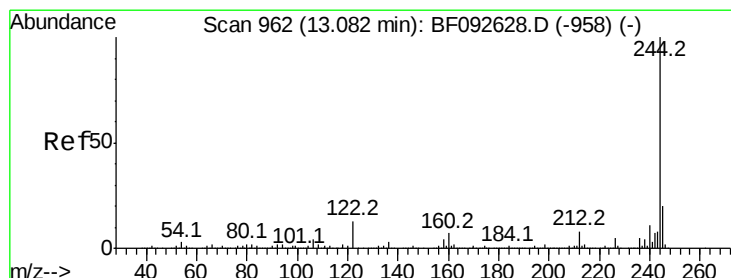
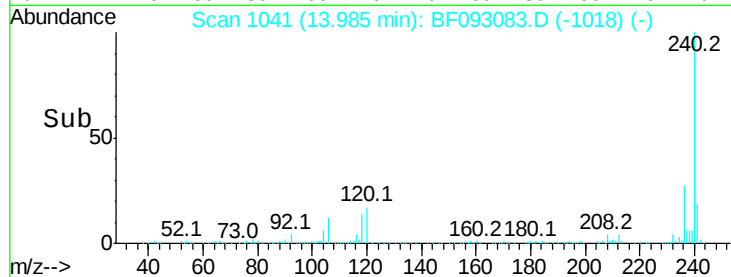
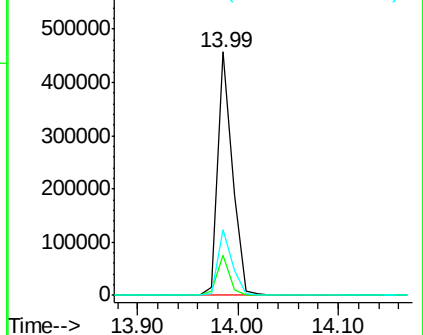
236 27.0 20.9 31.3



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: 81.42 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093083.D

Acq: 22 Feb 2017 18:52

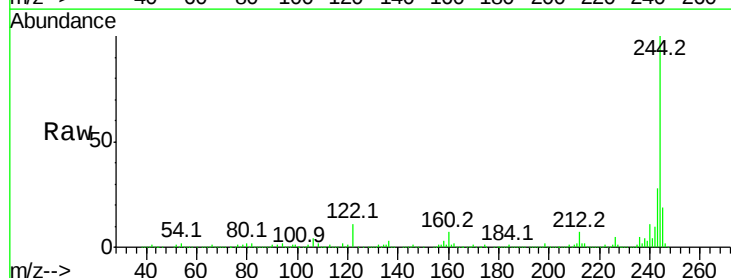
Tgt Ion:244 Resp: 1607435

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

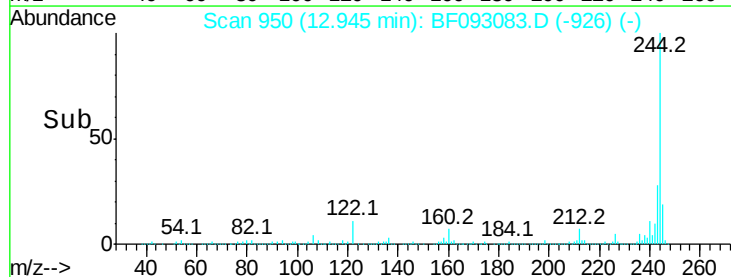
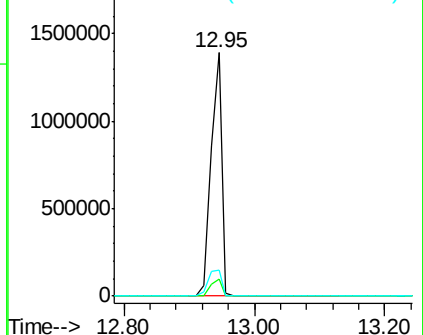
122 10.6 11.4 17.2#

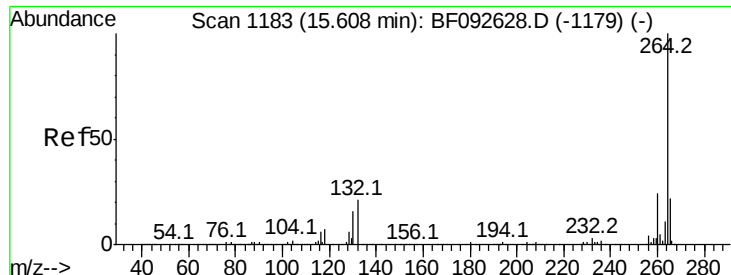


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

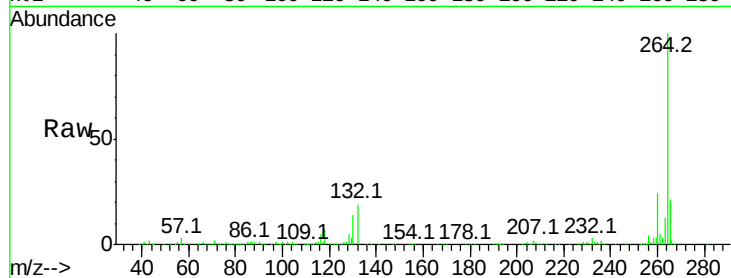




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093083.D
 Acq: 22 Feb 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 GRIT-STOCKPILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
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

