

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096293.D
 Acq On : 29 Jun 2017 15:54
 Operator : SJ/MA
 Sample : I3928-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-14

Quant Time: Jun 29 18:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

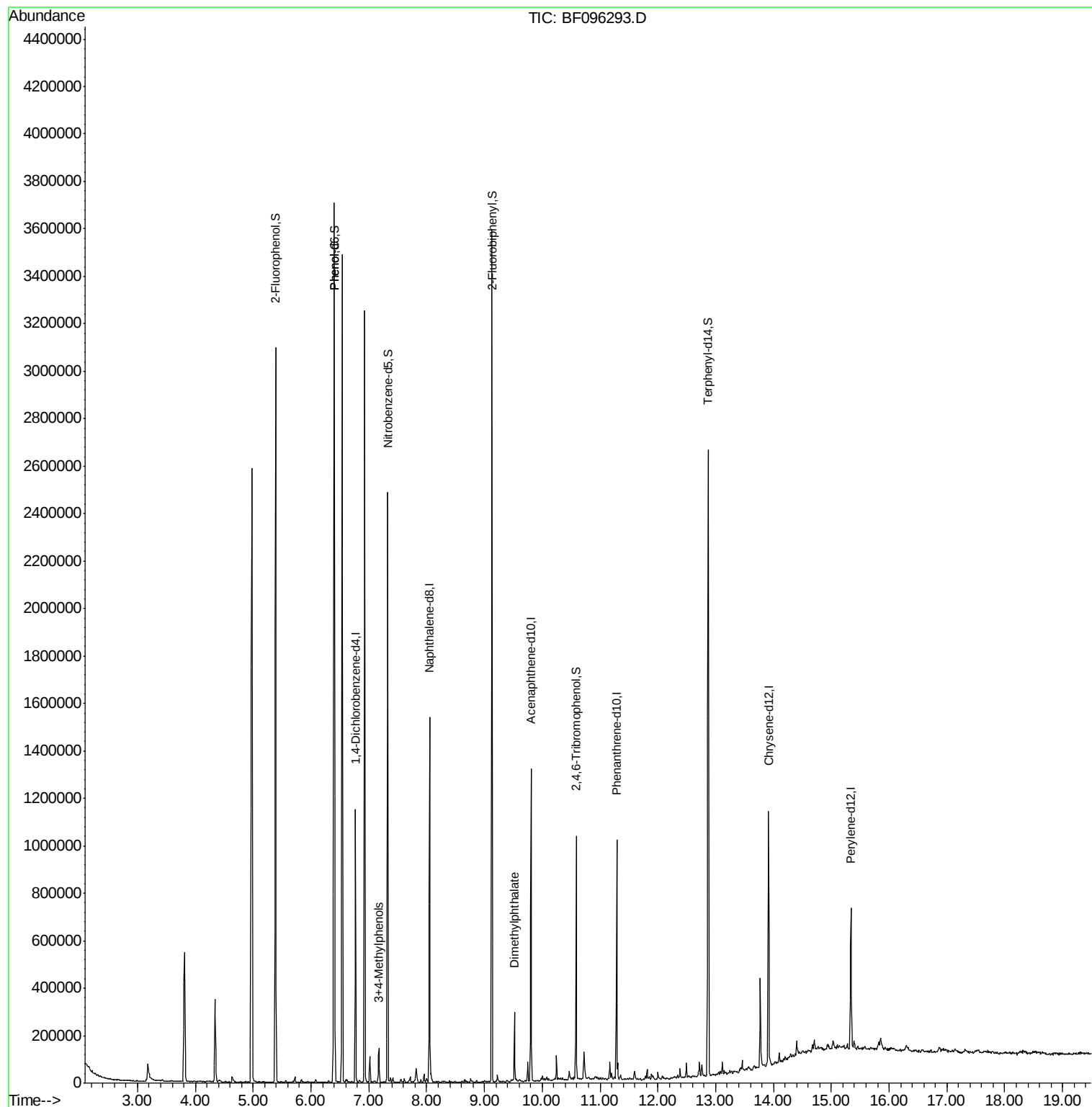
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	169036	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	654282	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	233541	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	341564	20.00	ng	0.00
75) Chrysene-d12	13.92	240	339204	20.00	ng	0.00
86) Perylene-d12	15.34	264	261404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	874898	74.57	ng	0.00
7) Phenol-d6	6.40	99	1319913	92.90	ng	0.01
23) Nitrobenzene-d5	7.33	82	802536	84.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	110201	59.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1215685	95.33	ng	-0.02
78) Terphenyl-d14	12.87	244	861244	63.36	ng	0.00
Target Compounds						
10) Phenol	6.41	94	41672	2.67	ng	87
20) 3+4-Methylphenols	7.17	107	27660	2.43	ng	# 59
49) Dimethylphthalate	9.52	163	117263	7.02	ng	# 98

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

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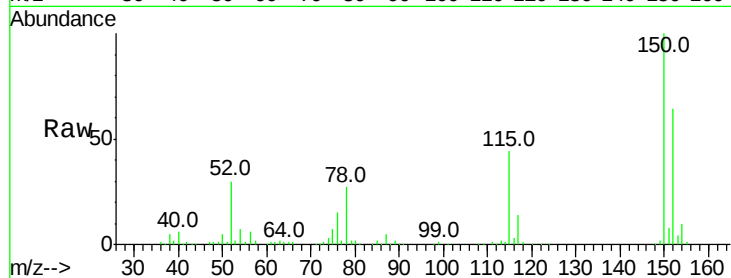


#1

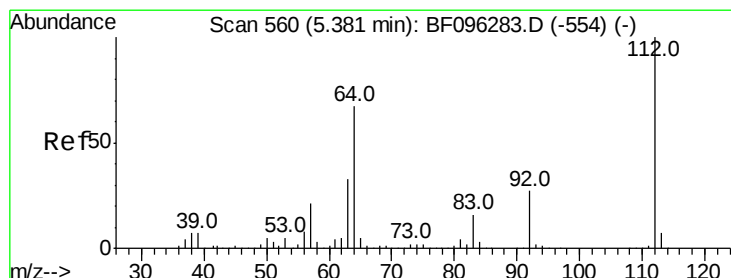
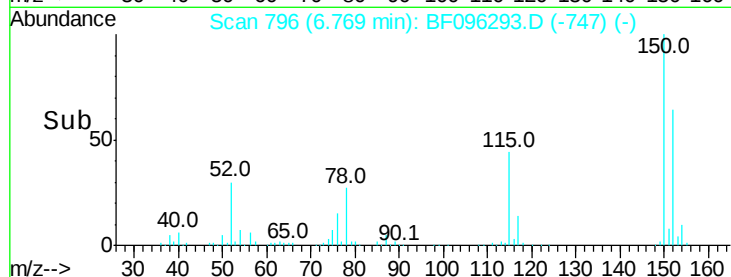
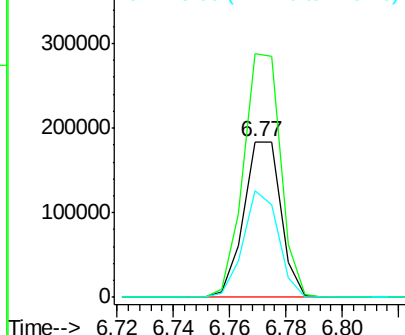
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-14

Tot Ion:152 Resp: 169036
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 68.7 52.2 78.2



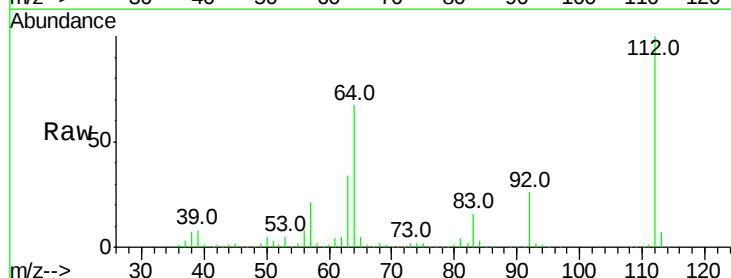
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



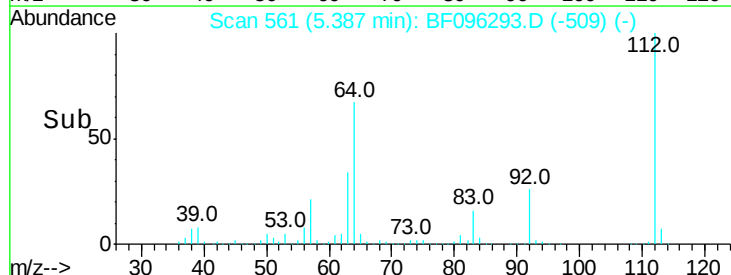
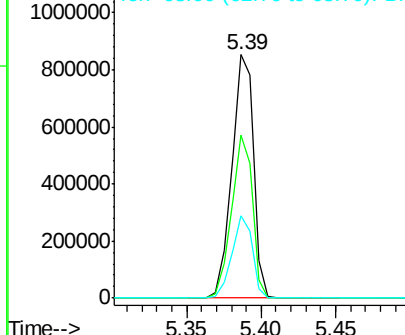
#5

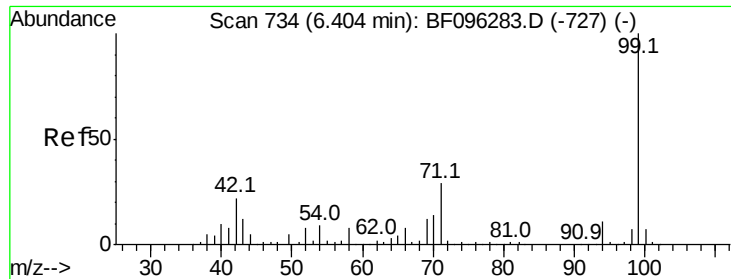
2-Fluorophenol
Concen: 74.57 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096293.D
Acq: 29 Jun 2017 15:54

Tgt Ion:112 Resp: 874898
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 33.6 23.4 35.0



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: 92.90 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Instrument :

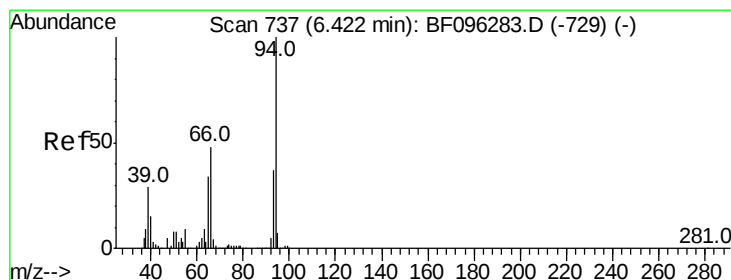
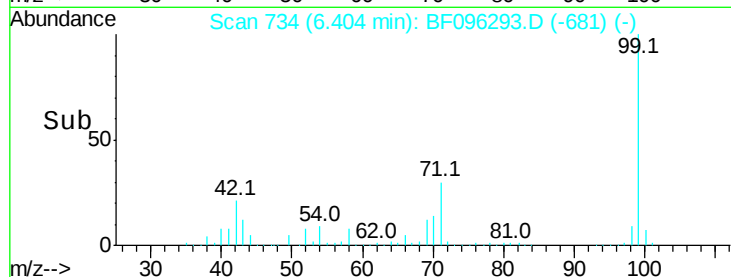
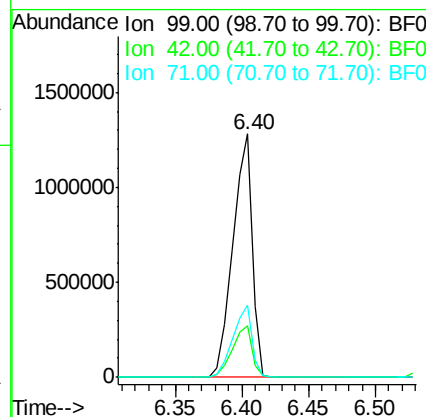
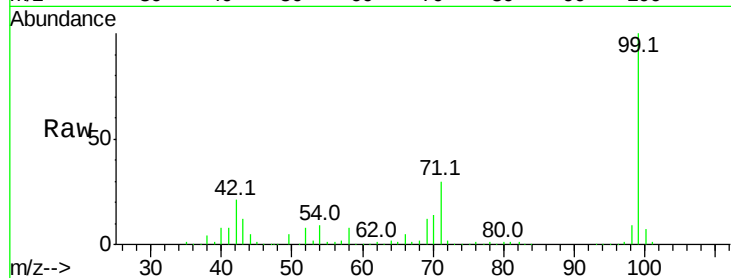
BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-14

Tot Ion: 99 Resp: 1319913

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.6	24.5	36.7



#10

Phenol

Concen: 2.67 ng

RT: 6.41 min Scan# 735

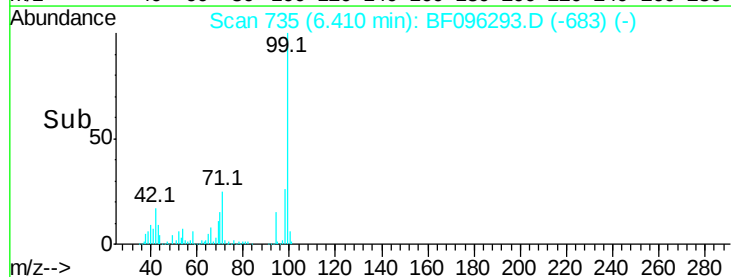
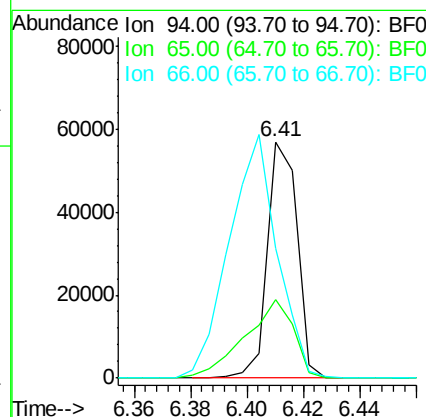
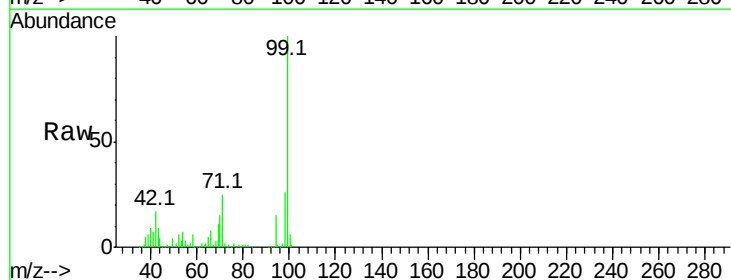
Delta R.T. 0.01 min

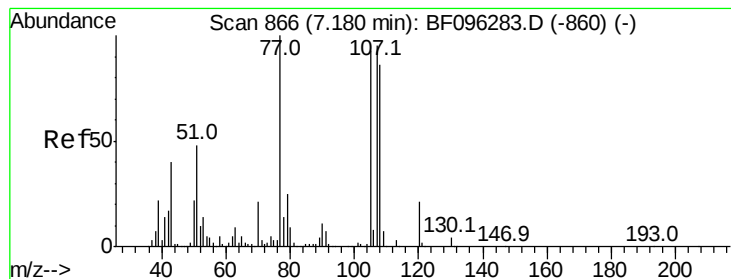
Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Tgt Ion: 94 Resp: 41672

Ion	Ratio	Lower	Upper
94	100		
65	33.1	9.9	49.9
66	55.1	23.1	63.1





#20

3+4-Methylphenols

Concen: 2.43 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-14

Tot Ion:107 Resp: 27660

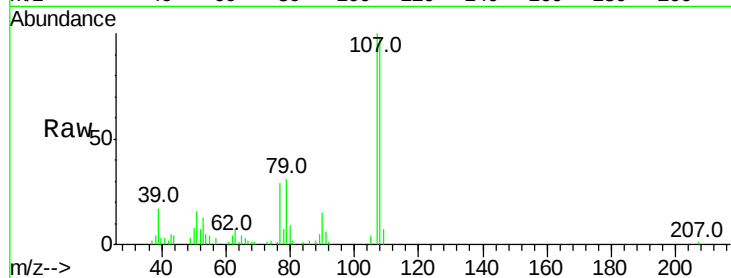
Ion Ratio Lower Upper

107 100

108 98.2 71.0 111.0

77 28.8 90.5 130.5#

79 31.5 8.4 48.4

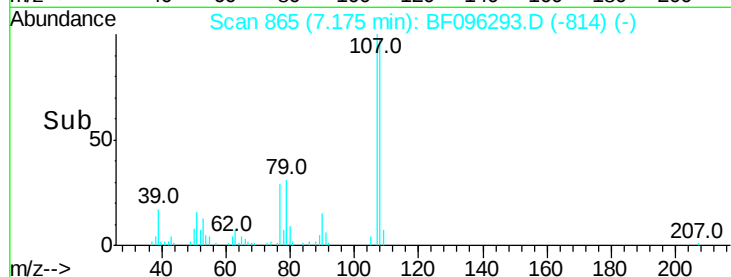


Abundance Ion 107.00 (106.70 to 107.70): E

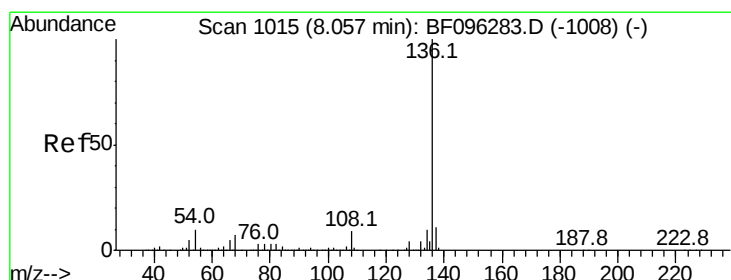
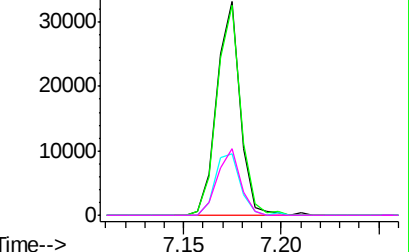
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Tgt Ion:136 Resp: 654282

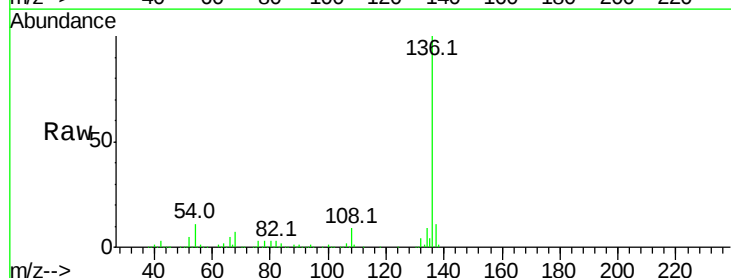
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.7 4.9 7.3#

68 7.1 4.1 6.1#

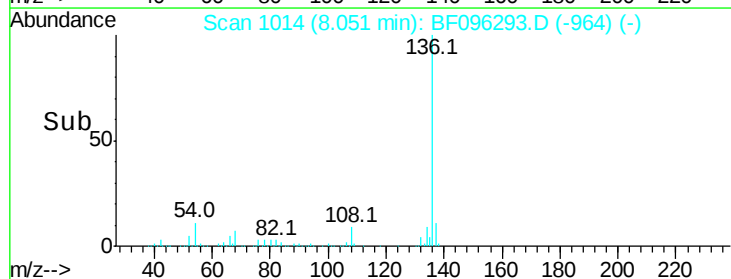


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

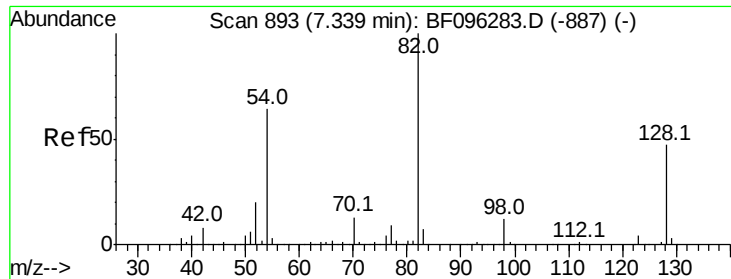
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

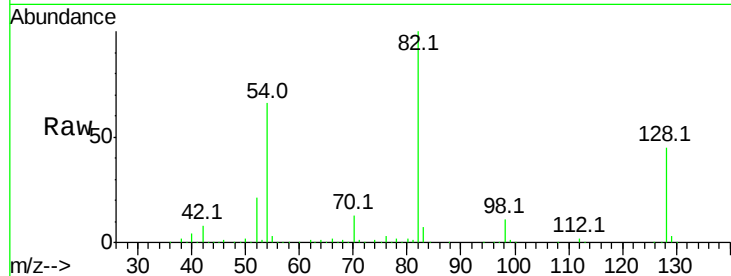




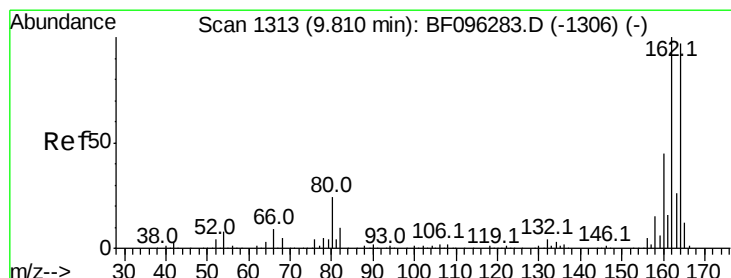
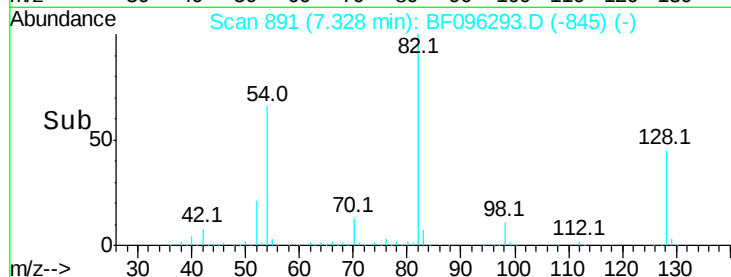
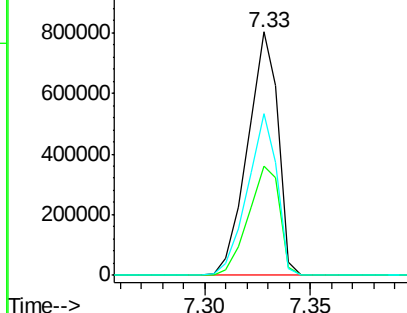
#23
 Nitrobenzene-d5
 Concen: 84.91 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: BF096293.D
 Acq: 29 Jun 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-14

Tot Ion: 82 Resp: 802536
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.0 51.0
 54 66.3 42.2 63.2#

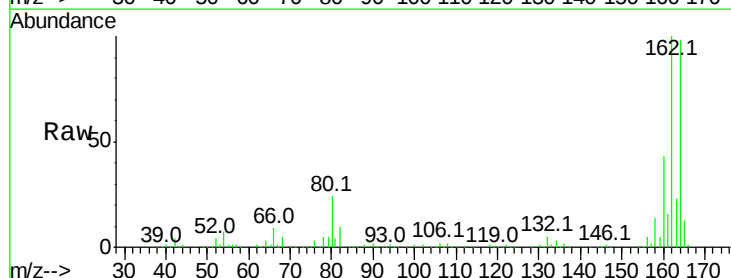


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

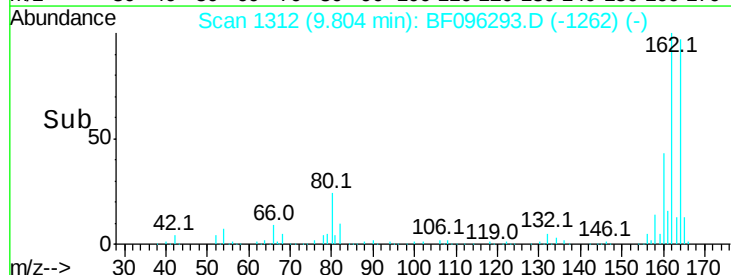
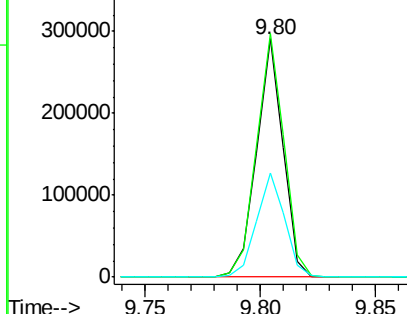


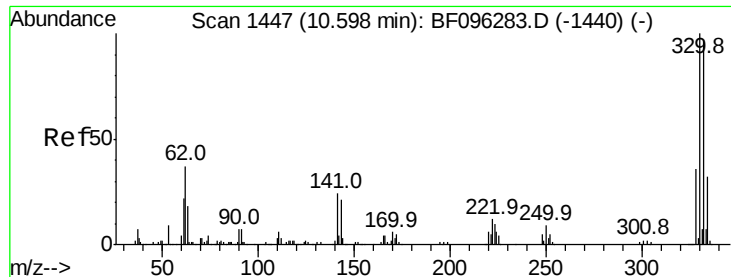
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096293.D
 Acq: 29 Jun 2017 15:54

Tgt Ion:164 Resp: 233541
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 43.6 36.2 54.2



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: 59.96 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-14

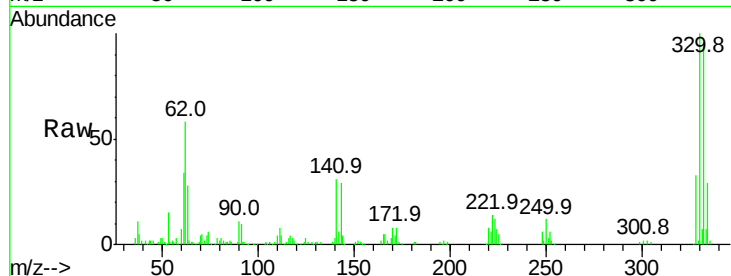
Tot Ion:330 Resp: 110201

Ion Ratio Lower Upper

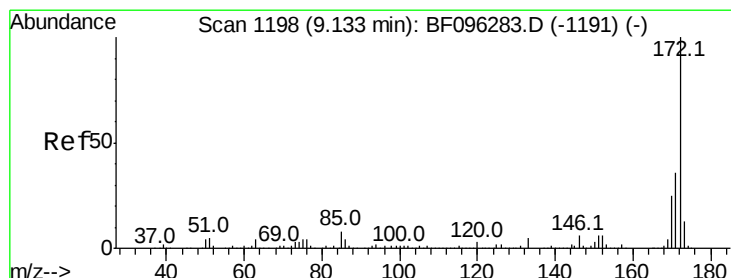
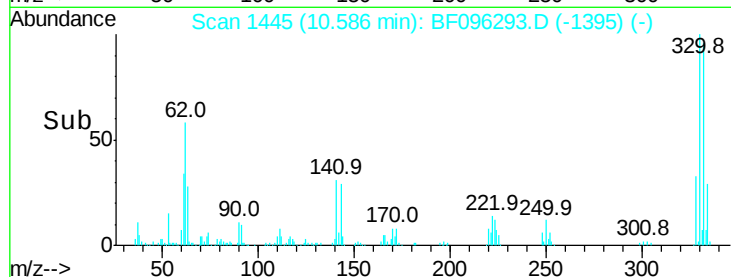
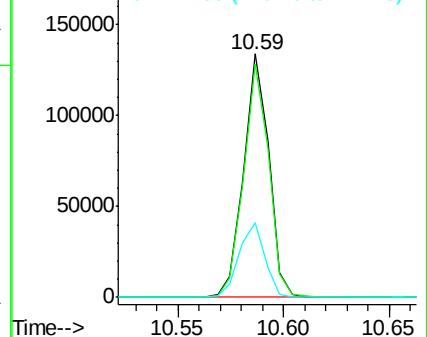
330 100

332 95.4 76.6 115.0

141 31.4 31.4 47.2#



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: 95.33 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

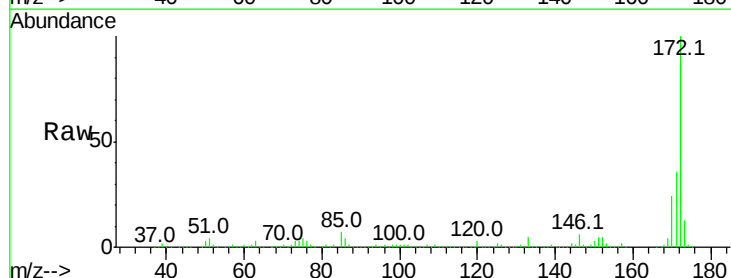
Tgt Ion:172 Resp: 1215685

Ion Ratio Lower Upper

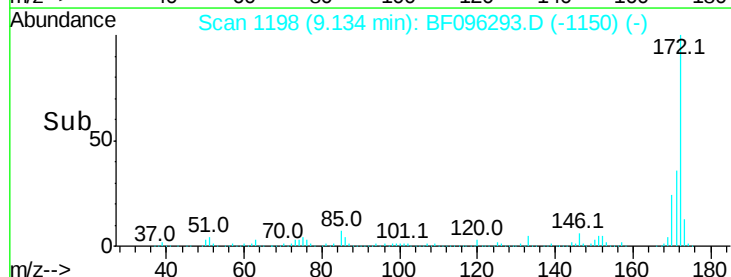
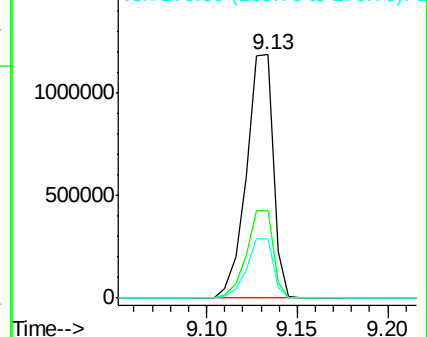
172 100

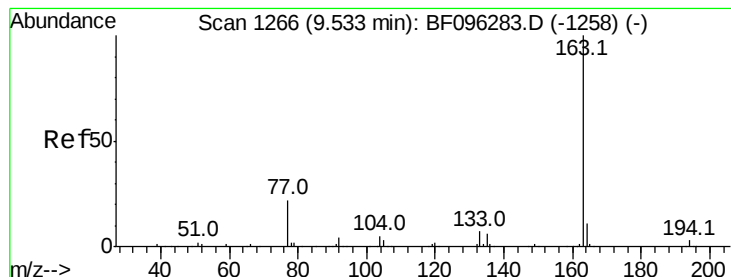
171 36.1 29.6 44.4

170 24.2 19.8 29.8



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: 7.02 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-14

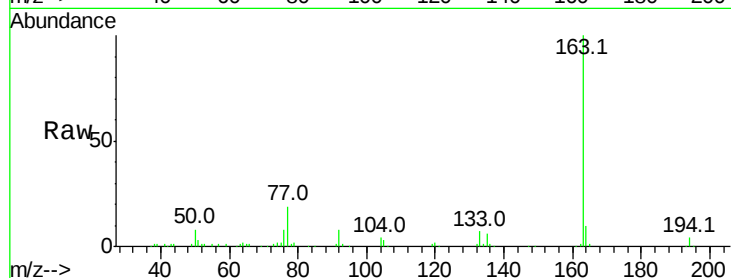
Tot Ion:163 Resp: 117263

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

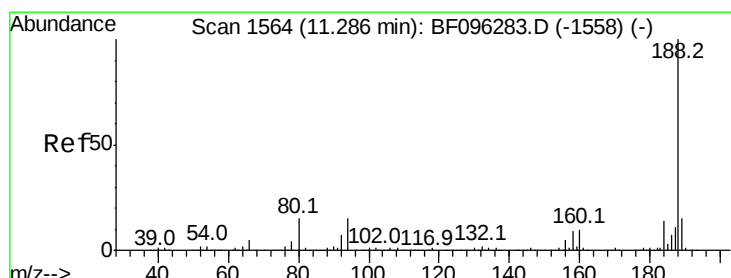
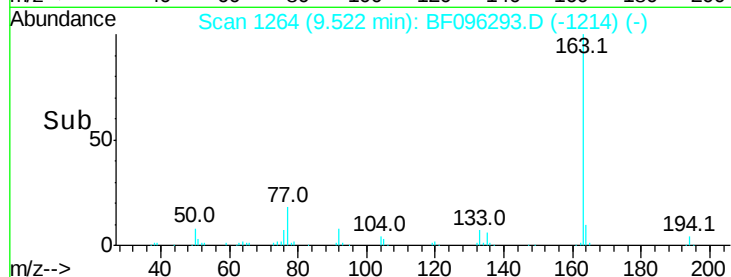
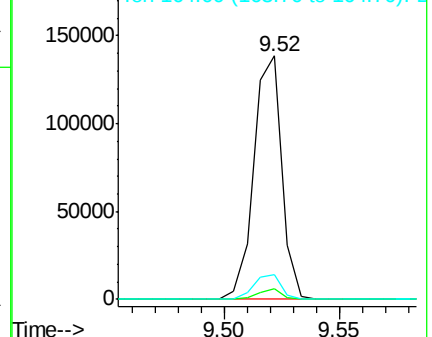
164 10.0 8.4 12.6



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: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

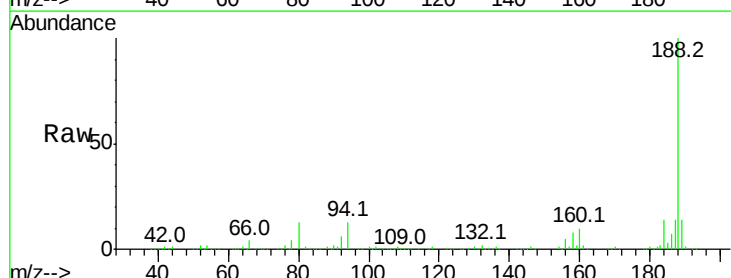
Tgt Ion:188 Resp: 341564

Ion Ratio Lower Upper

188 100

94 12.9 9.4 14.2

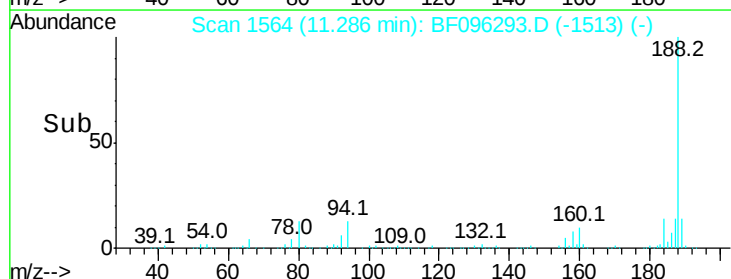
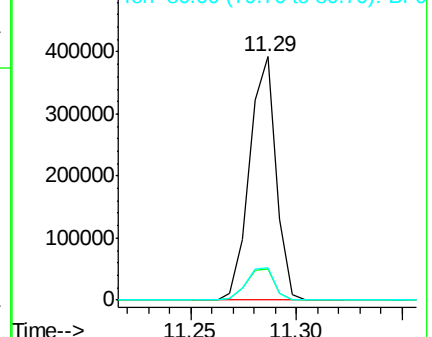
80 13.3 10.2 15.2

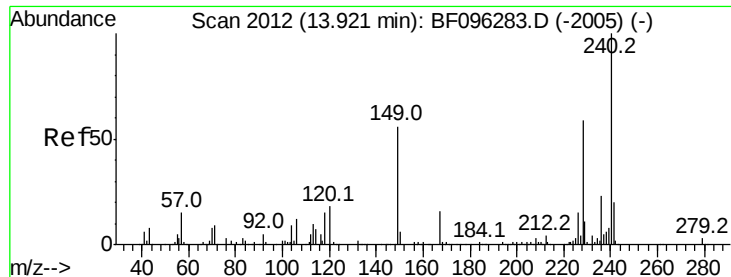


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-14

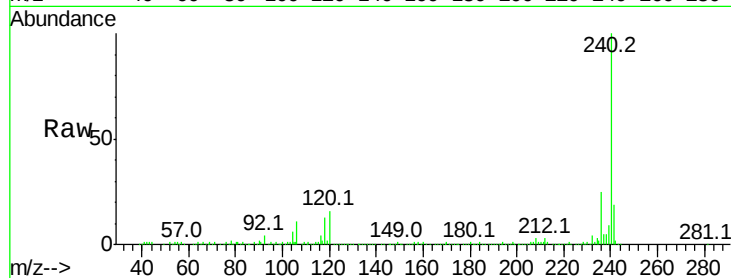
Tot Ion:240 Resp: 339204

Ion Ratio Lower Upper

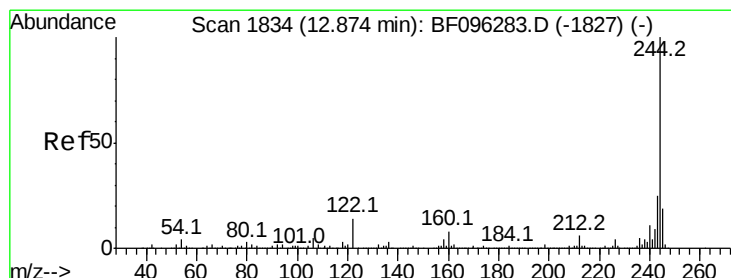
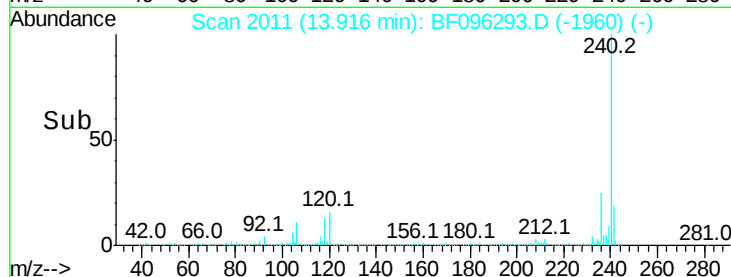
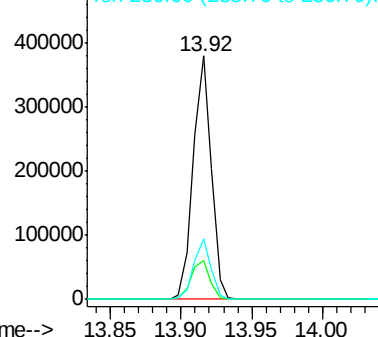
240 100

120 15.9 5.8 8.8#

236 24.7 20.5 30.7



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: 63.36 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF096293.D

Acq: 29 Jun 2017 15:54

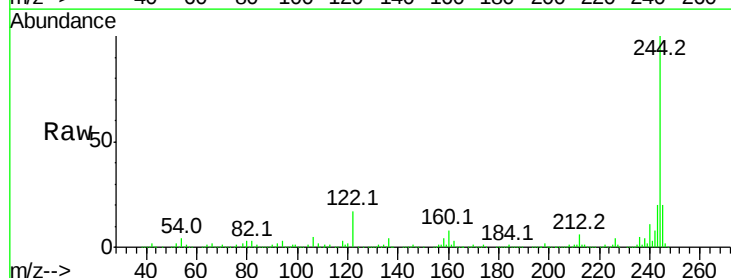
Tgt Ion:244 Resp: 861244

Ion Ratio Lower Upper

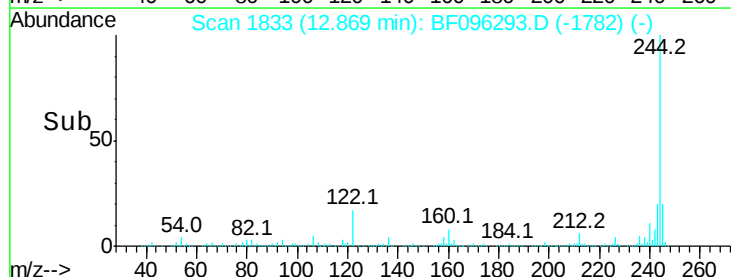
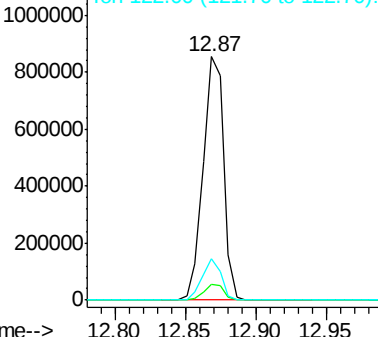
244 100

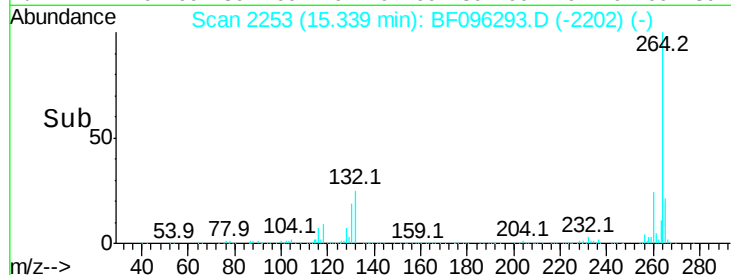
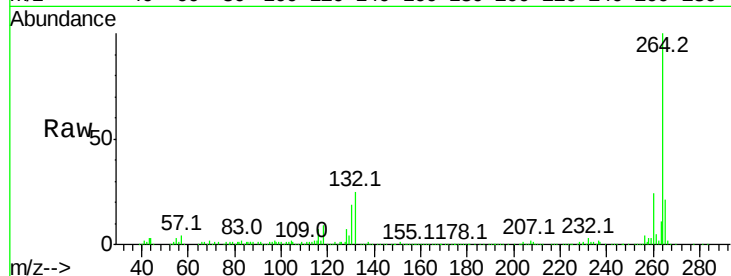
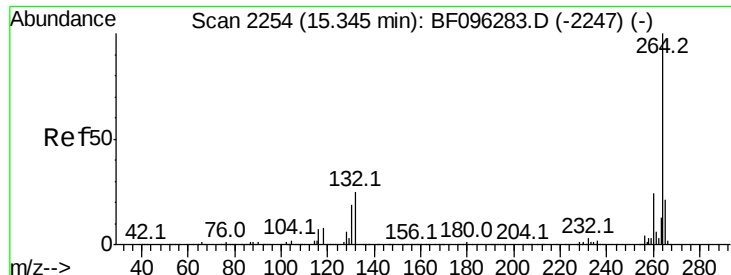
212 6.4 6.0 9.0

122 16.8 10.3 15.5#



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: 15.34 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BF096293.D
 Acq: 29 Jun 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-14

Tot Ion:	264	Resp:	261404
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	17.2	25.8

