

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096327.D
 Acq On : 30 Jun 2017 10:32
 Operator : SJ/MA
 Sample : I3941-01 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-DEBRIS-COMP

Quant Time: Jun 30 17:55:27 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

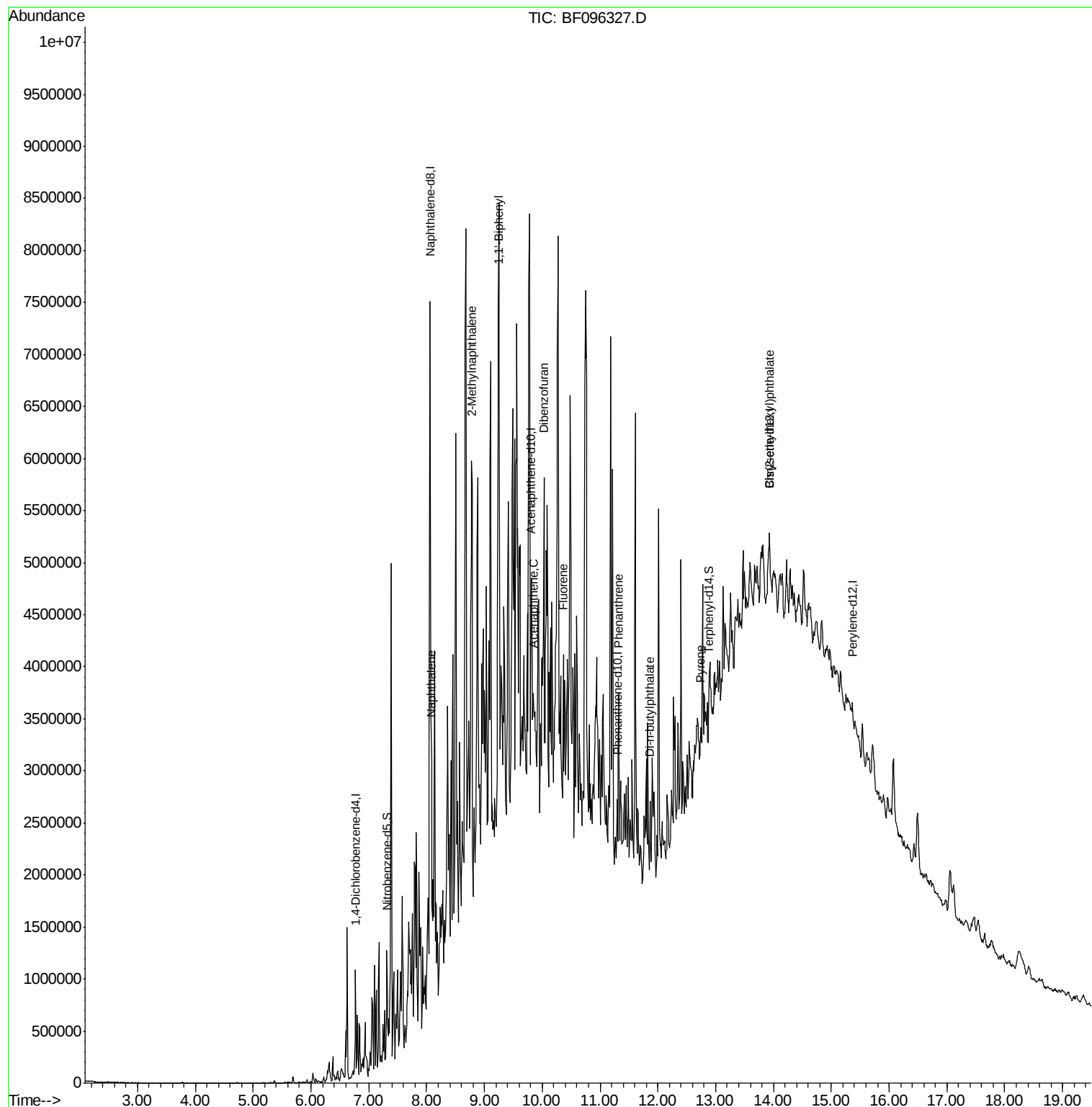
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	137456	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	354914	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	190273	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	304796	20.00	ng	0.01
75) Chrysene-d12	13.93	240	177825	20.00	ng	0.02
86) Perylene-d12	15.37	264	224149	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	4012	0.42	ng	-0.01
7) Phenol-d6	6.39	99	9105	0.79	ng	0.00
23) Nitrobenzene-d5	7.32	82	29981	5.85	ng	-0.04
41) 2,4,6-Tribromophenol	10.60	330	2738	1.83	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	20580	1.98	ng	-0.02
78) Terphenyl-d14	12.87	244	14990	2.10	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	638596	37.33	ng	98
37) 2-Methylnaphthalene	8.78	142	1711840	154.05	ng	98
45) 1,1'-Biphenyl	9.23	154	48555	3.33	ng	93
51) Acenaphthene	9.85	154	97409	8.24	ng	# 92
54) Dibenzofuran	10.02	168	99415	6.44	ng	# 26
57) Fluorene	10.36	166	204302	13.62	ng	# 88
70) Phenanthrene	11.32	178	601594	38.20	ng	98
73) Di-n-butylphthalate	11.86	149	138636	6.98	ng	97
77) Pyrene	12.73	202	73727	5.04	ng	# 87
83) Bis(2-ethylhexyl)phthalate	13.93	149	141568	19.45	ng	# 94

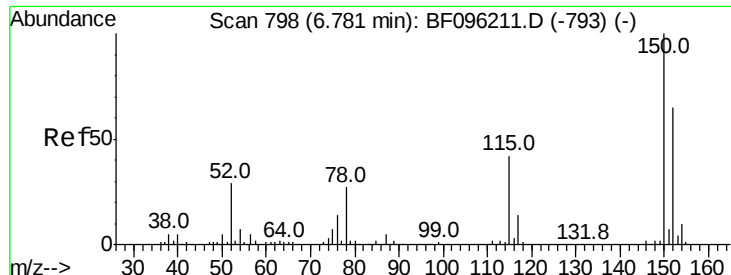
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096327.D
Acq On : 30 Jun 2017 10:32
Operator : SJ/MA
Sample : I3941-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-DEBRIS-COMP

Quant Time: Jun 30 17:55:27 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



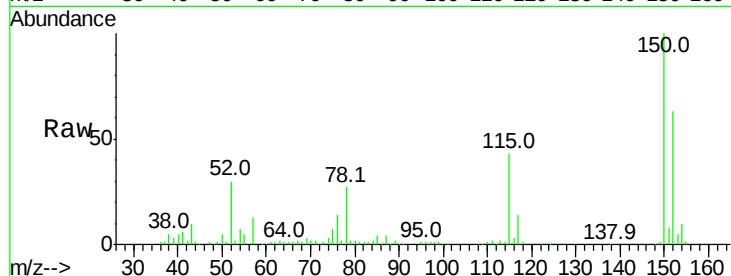


#1

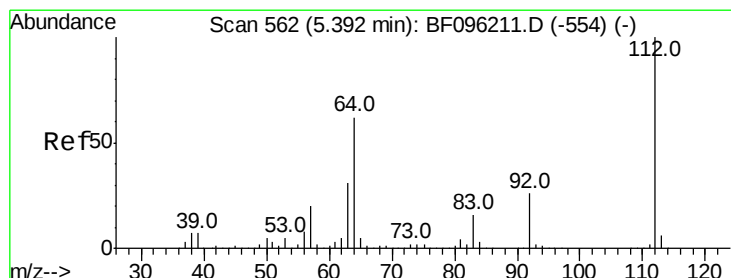
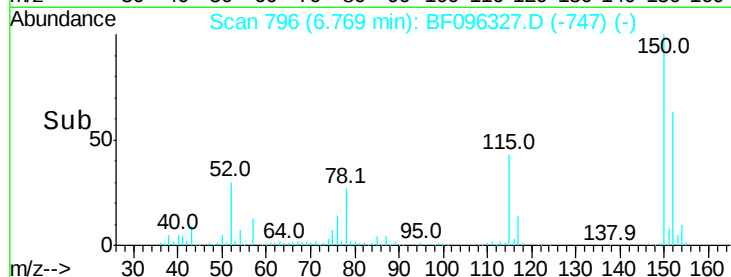
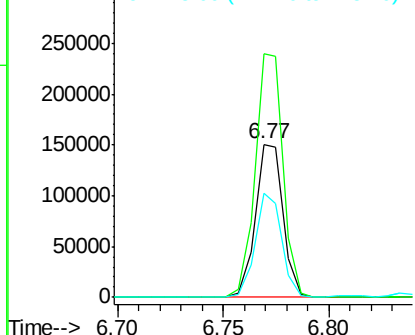
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Instrument :
BNA_F
ClientSampleId :
LSS-DEBRIS-COMP

Tot Ion:152 Resp: 137456
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 67.9 52.2 78.2



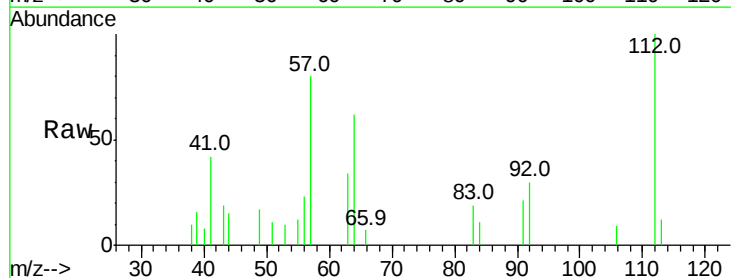
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



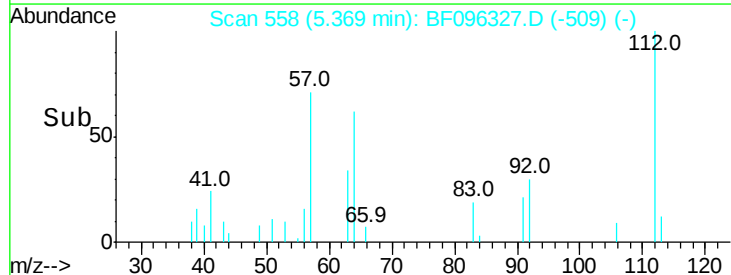
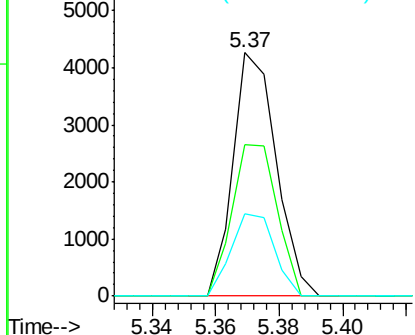
#5

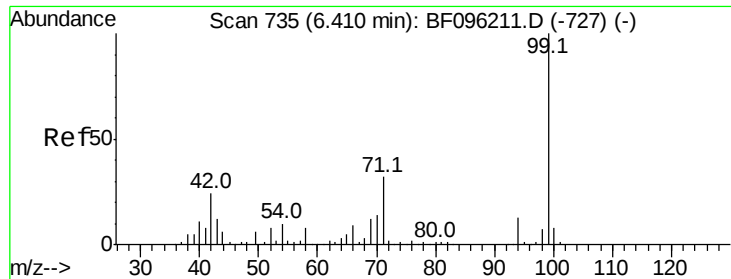
2-Fluorophenol
Concen: 0.42 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Tgt Ion:112 Resp: 4012
Ion Ratio Lower Upper
112 100
64 62.3 46.0 69.0
63 33.8 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: 0.79 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Instrument :

BNA_F

ClientSampleId :

LSS-DEBRIS-COMP

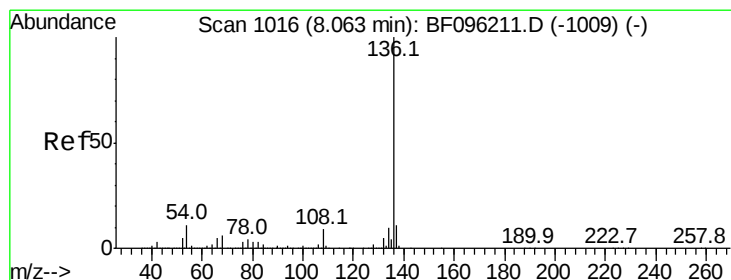
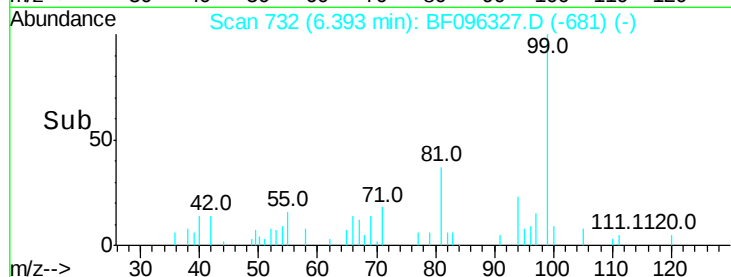
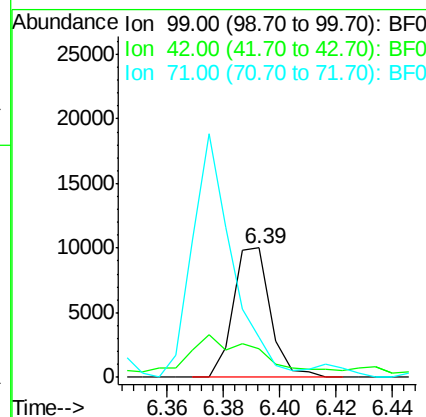
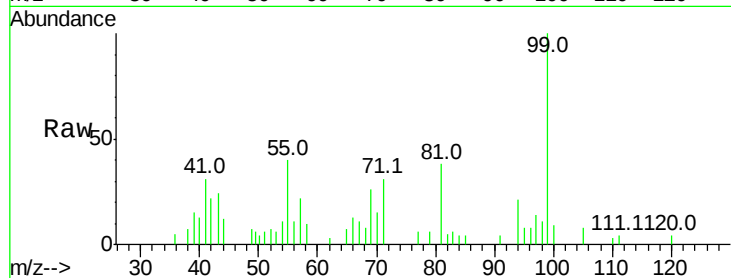
Tot Ion: 99 Resp: 9105

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

71 31.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Tgt Ion: 136 Resp: 354914

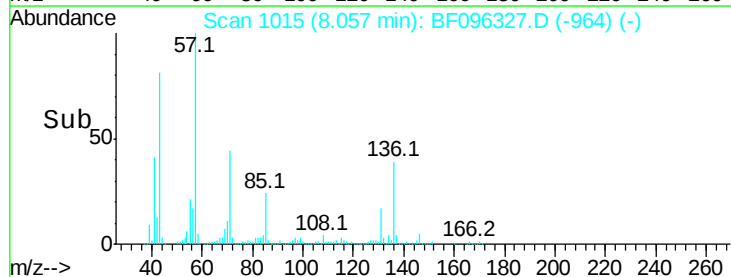
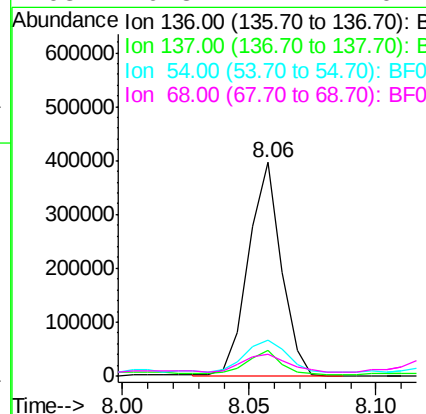
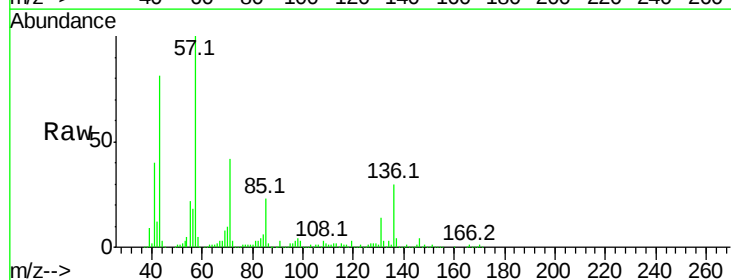
Ion Ratio Lower Upper

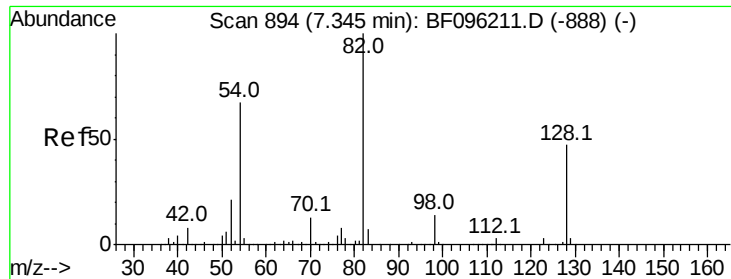
136 100

137 11.8 8.5 12.7

54 16.5 4.9 7.3#

68 10.3 4.1 6.1#

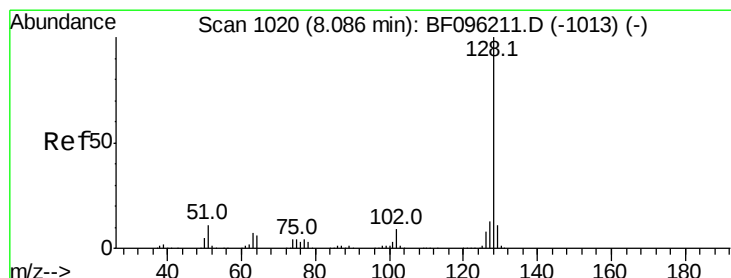
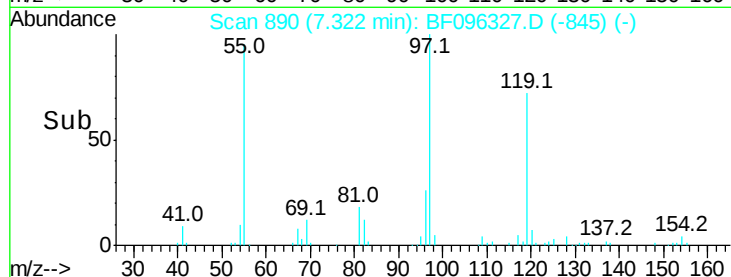
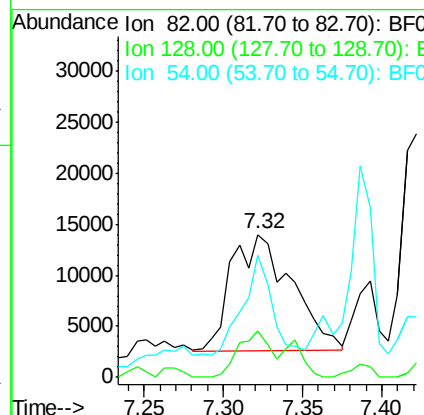
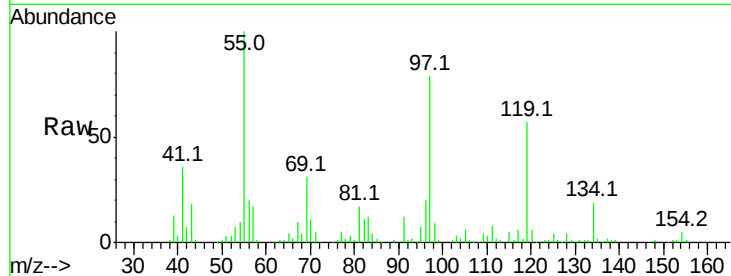




#23
Nitrobenzene-d5
Concen: 5.85 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

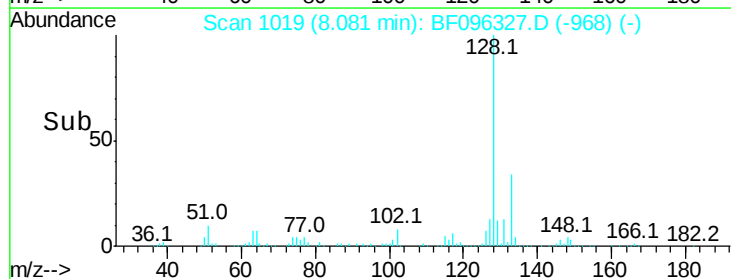
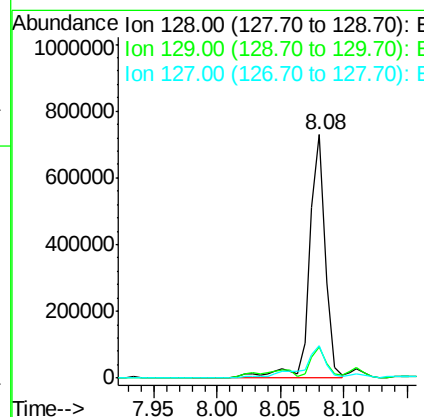
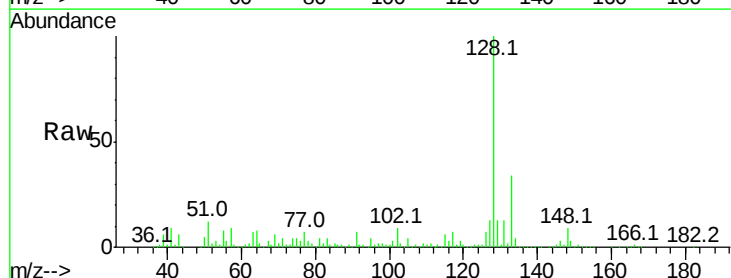
Instrument :
BNA_F
ClientSampleId :
LSS-DEBRIS-COMP

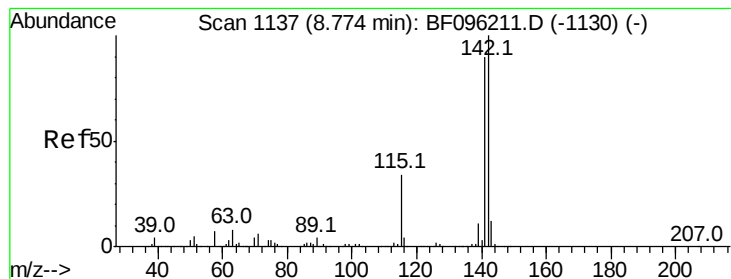
Tot Ion: 82 Resp: 29981
Ion Ratio Lower Upper
82 100
128 32.8 34.0 51.0#
54 85.3 42.2 63.2#



#31
Naphthalene
Concen: 37.33 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Tgt Ion: 128 Resp: 638596
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 13.3 10.8 16.2

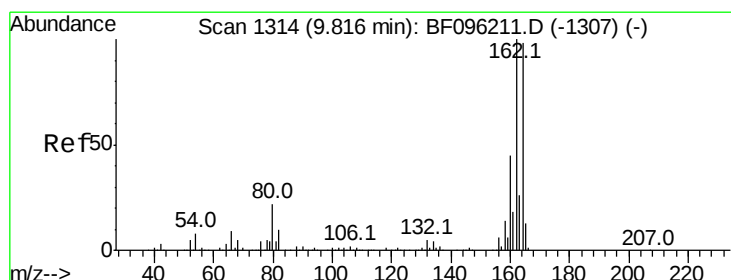
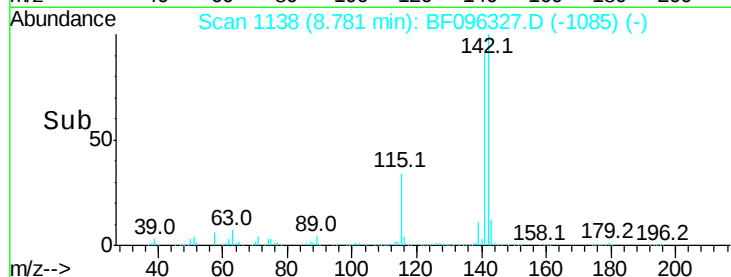
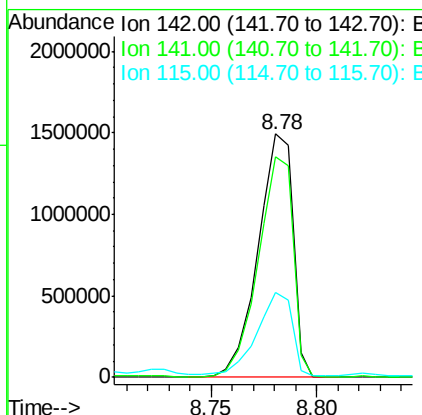
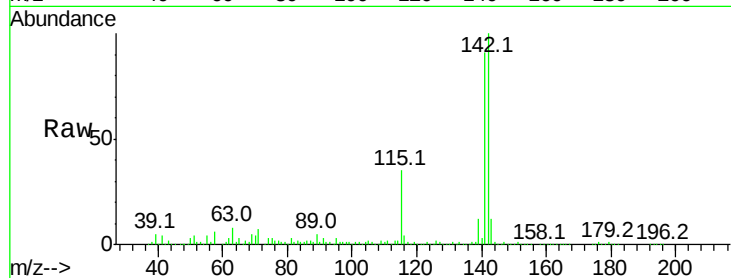




#37
 2-Methylnaphthalene
 Concen: 154.05 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF096327.D
 Acq: 30 Jun 2017 10:32

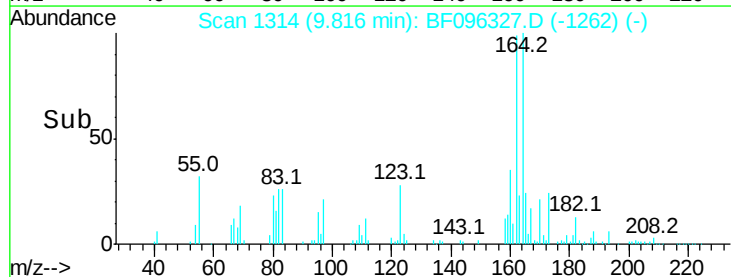
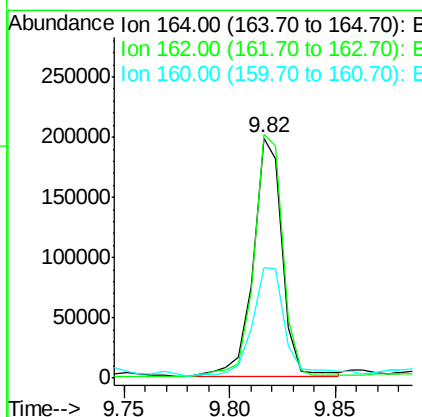
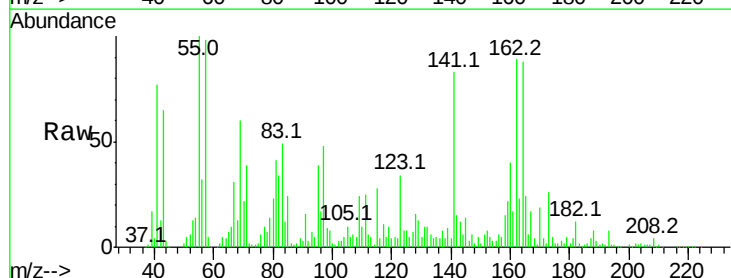
Instrument :
 BNA_F
 ClientSampleId :
 LSS-DEBRIS-COMP

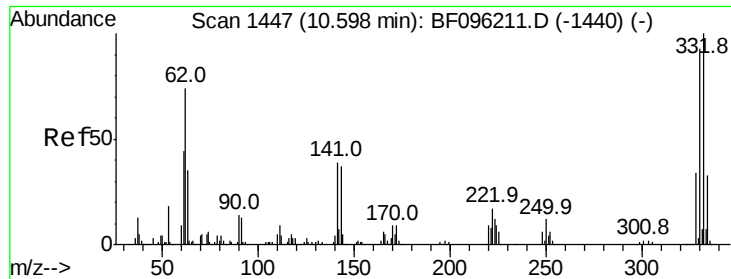
Tot Ion:142 Resp: 1711840
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.3 106.9
 115 34.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096327.D
 Acq: 30 Jun 2017 10:32

Tgt Ion:164 Resp: 190273
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 45.9 36.2 54.2

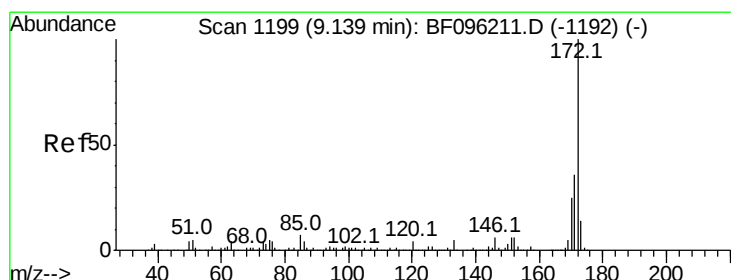
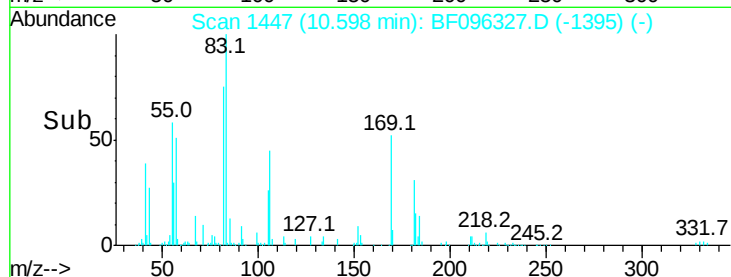
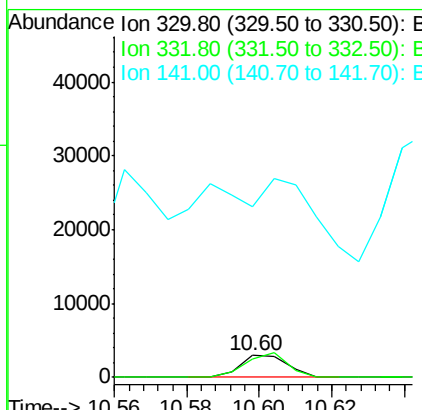
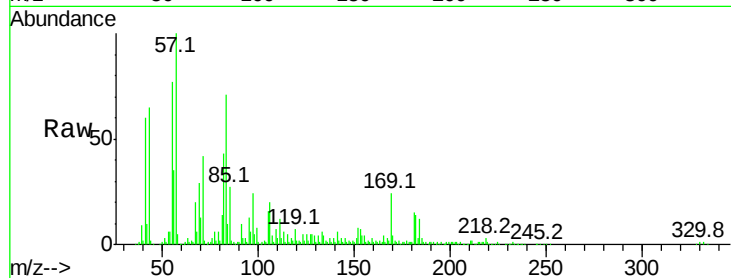




#41
 2,4,6-Tribromophenol
 Concen: 1.83 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096327.D
 Acq: 30 Jun 2017 10:32

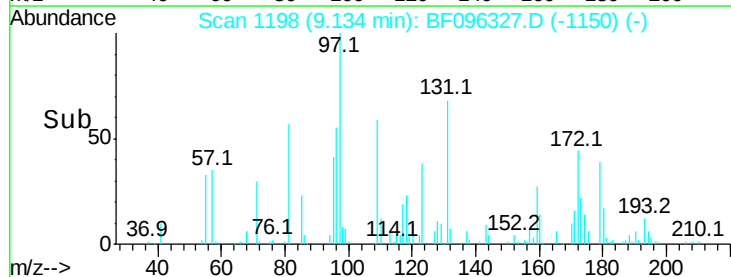
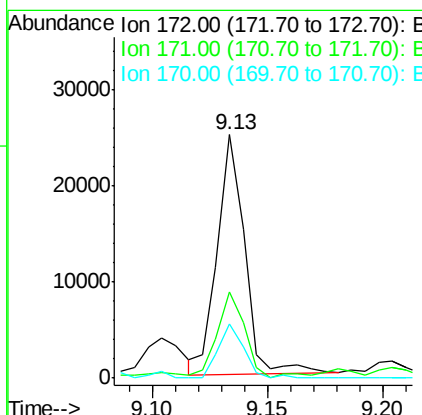
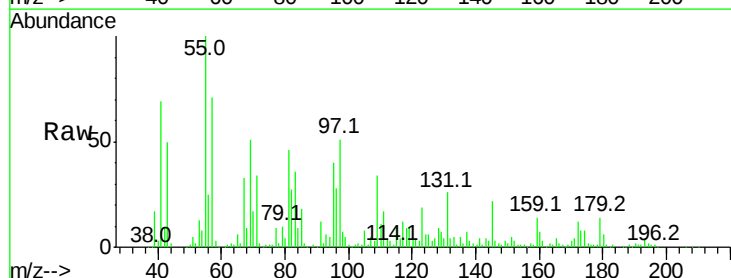
Instrument :
 BNA_F
 ClientSampleId :
 LSS-DEBRIS-COMP

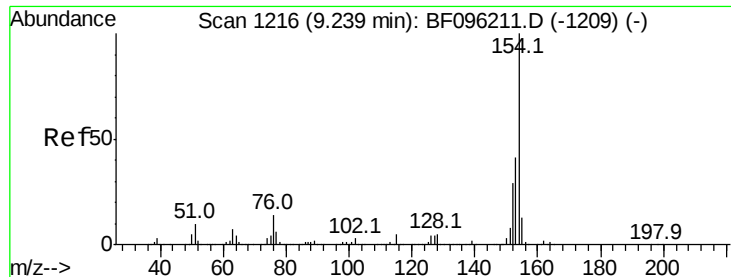
Tot Ion:330 Resp: 2738
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 146.9 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 1.98 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096327.D
 Acq: 30 Jun 2017 10:32

Tgt Ion:172 Resp: 20580
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 22.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 3.33 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Instrument :

BNA_F

ClientSampleId :

LSS-DEBRIS-COMP

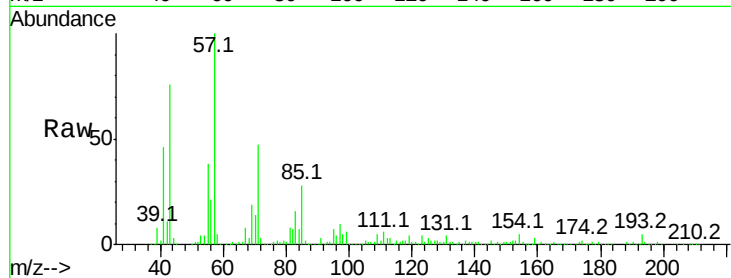
Tot Ion:154 Resp: 48555

Ion Ratio Lower Upper

154 100

153 43.6 21.2 61.2

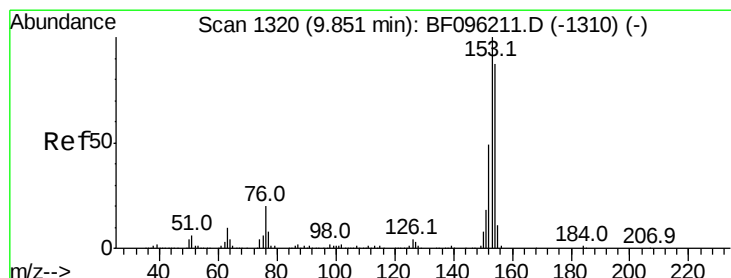
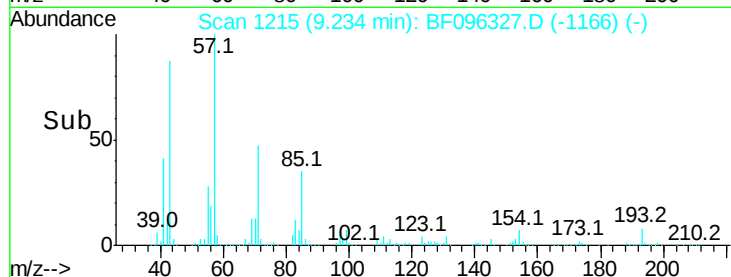
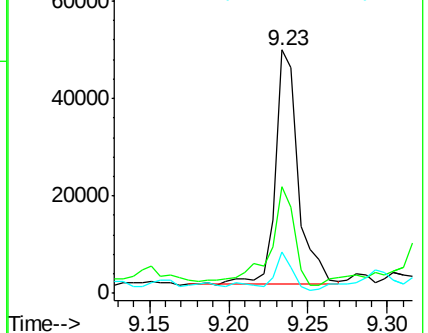
76 16.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#51

Acenaphthene

Concen: 8.24 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

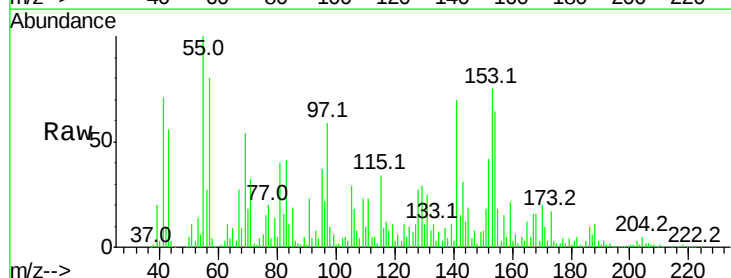
Tgt Ion:154 Resp: 97409

Ion Ratio Lower Upper

154 100

153 117.2 90.5 135.7

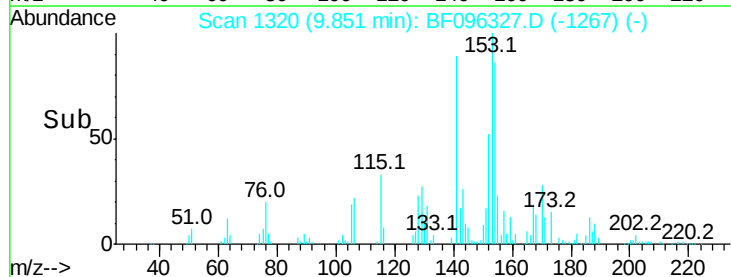
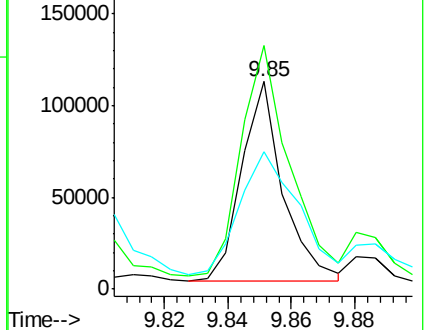
152 66.1 43.6 65.4#

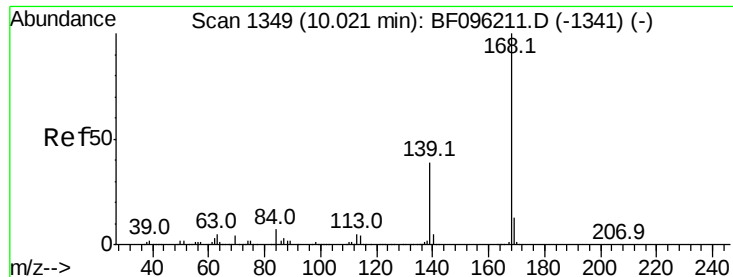


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 6.44 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Instrument :

BNA_F

ClientSampleId :

LSS-DEBRIS-COMP

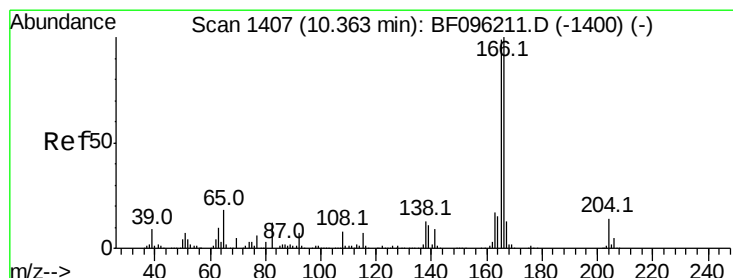
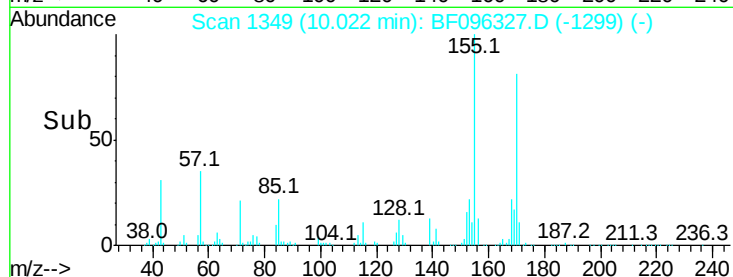
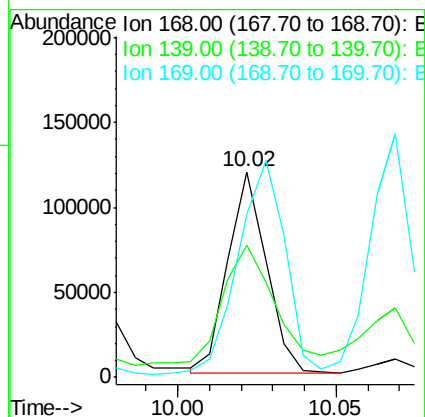
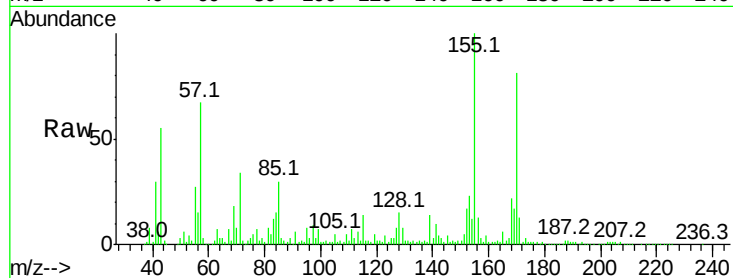
Tot Ion:168 Resp: 99415

Ion Ratio Lower Upper

168 100

139 64.1 30.6 45.8#

169 79.1 10.8 16.2#



#57

Fluorene

Concen: 13.62 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

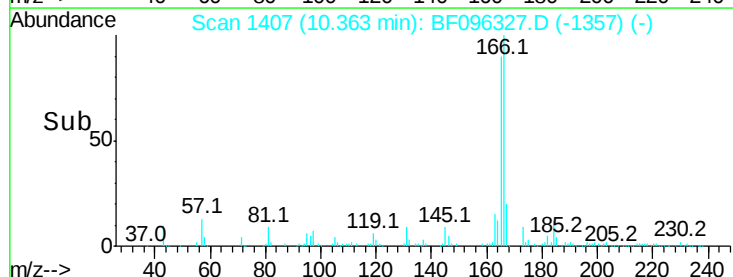
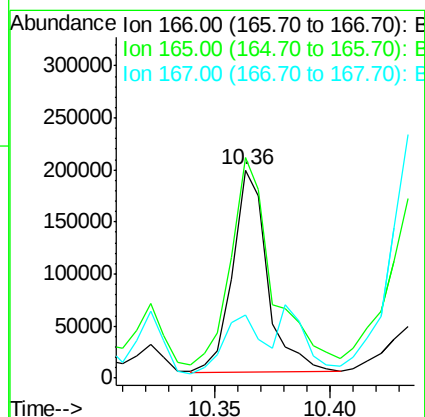
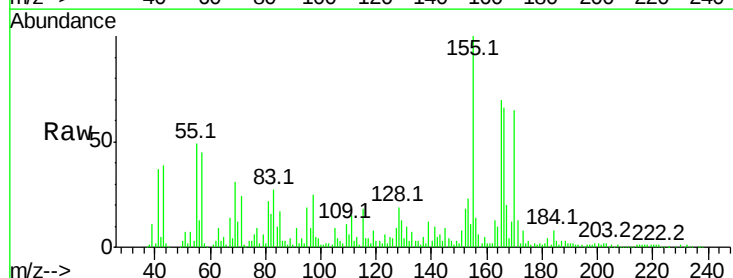
Tgt Ion:166 Resp: 204302

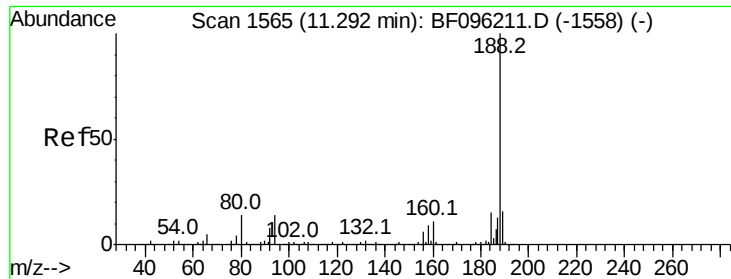
Ion Ratio Lower Upper

166 100

165 105.8 78.8 118.2

167 30.3 10.6 16.0#

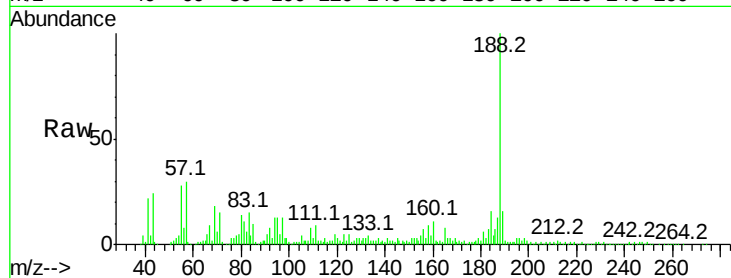




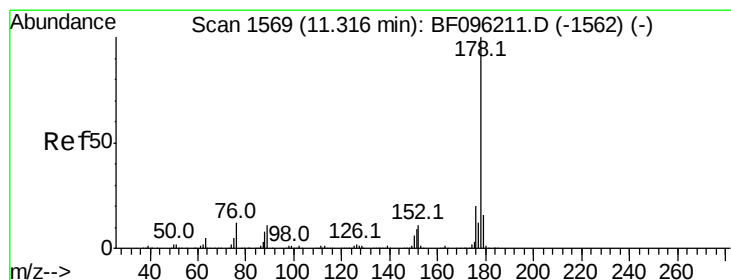
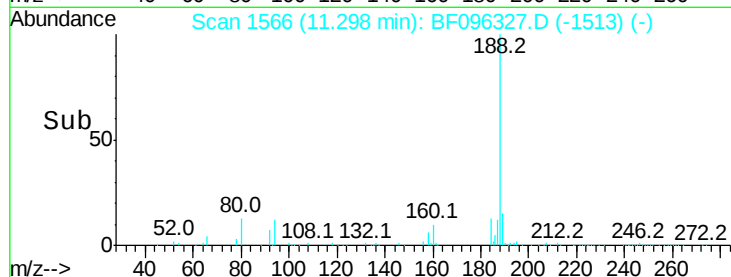
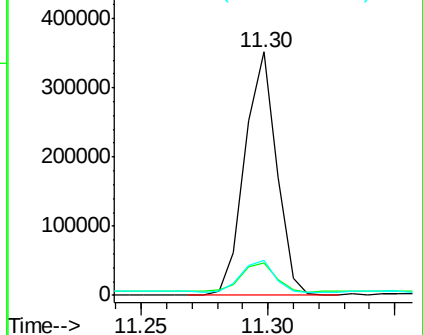
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Instrument :
BNA_F
ClientSampleId :
LSS-DEBRIS-COMP

Tot Ion:188 Resp: 304796
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.1 10.2 15.2

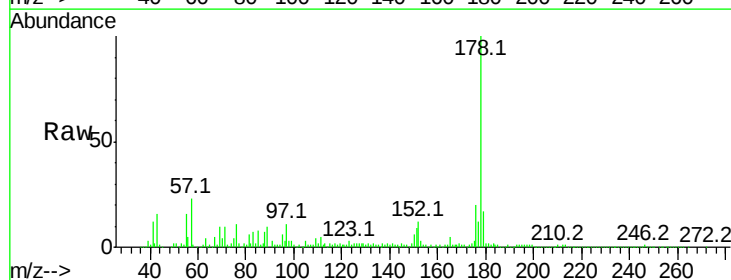


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

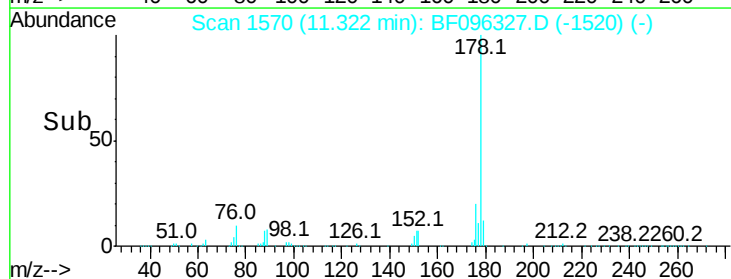
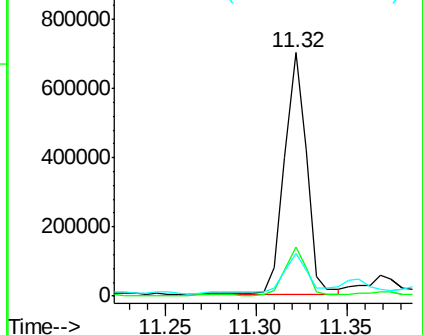


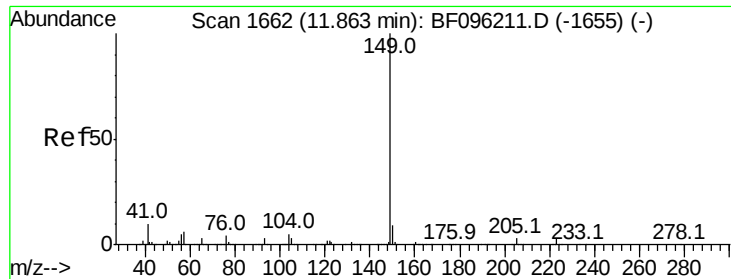
#70
Phenanthrene
Concen: 38.20 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Tgt Ion:178 Resp: 601594
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 17.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 6.98 ng

RT: 11.86 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Instrument :

BNA_F

ClientSampleId :

LSS-DEBRIS-COMP

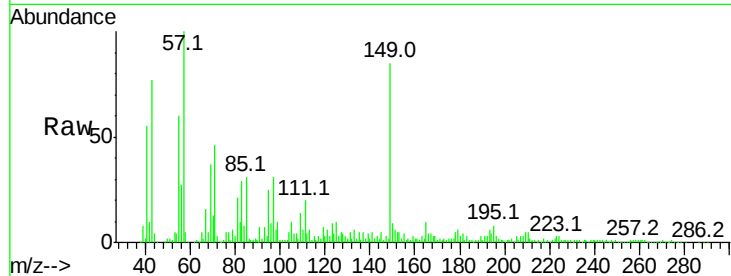
Tot Ion:149 Resp: 138636

Ion Ratio Lower Upper

149 100

150 11.0 7.7 11.5

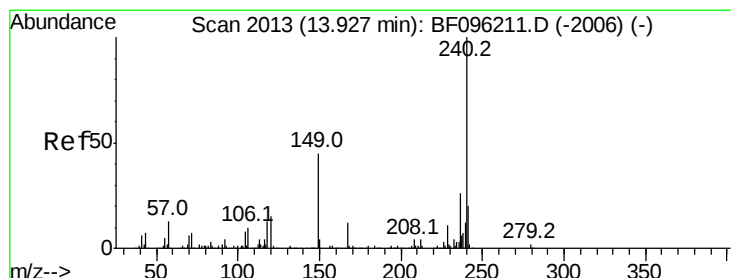
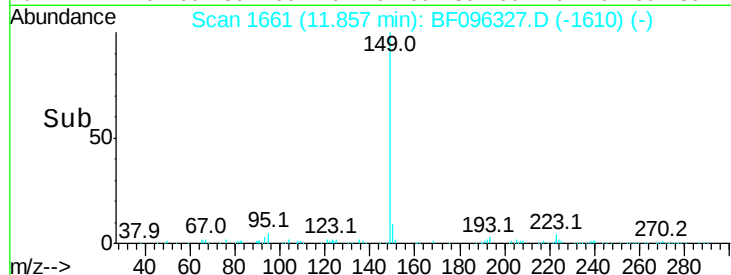
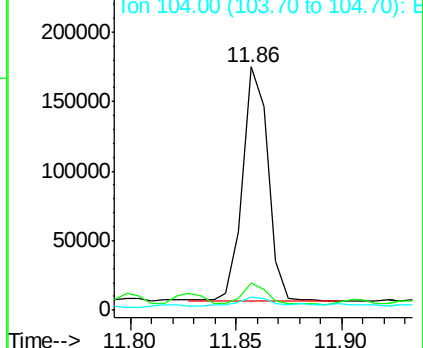
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

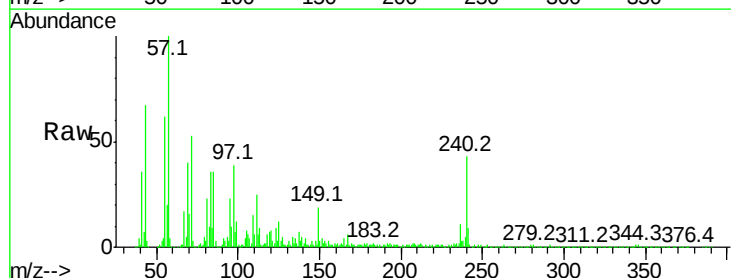
Tgt Ion:240 Resp: 177825

Ion Ratio Lower Upper

240 100

120 18.0 5.8 8.8#

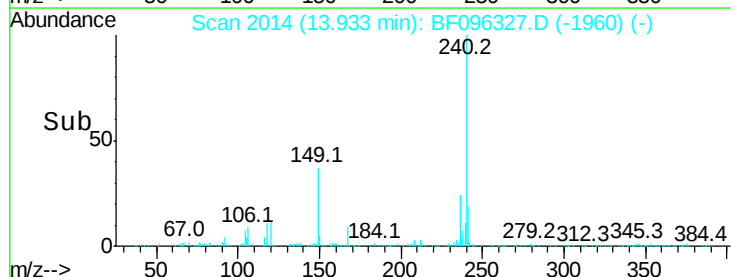
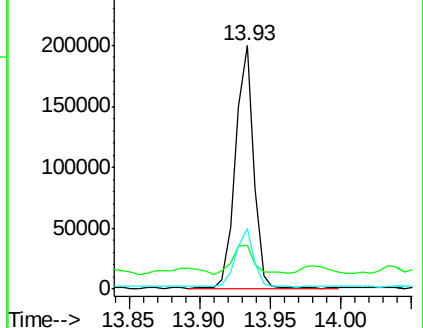
236 25.1 20.5 30.7

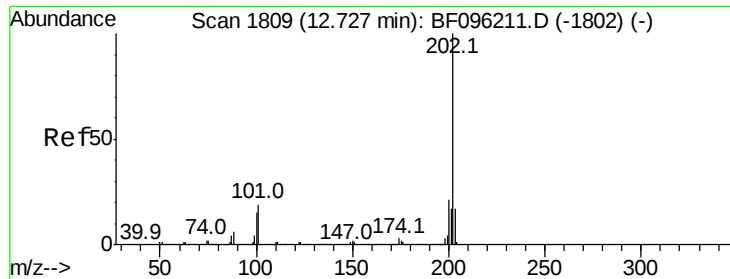


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.04 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

Instrument :

BNA_F

ClientSampleId :

LSS-DEBRIS-COMP

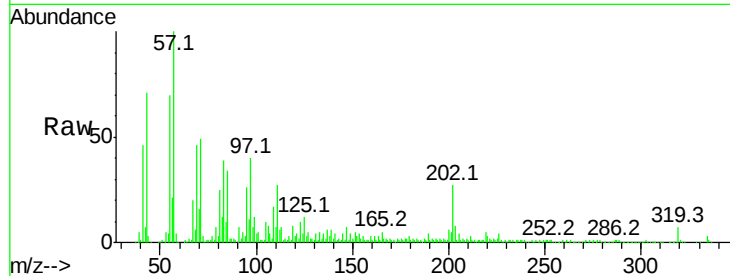
Tot Ion:202 Resp: 73727

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

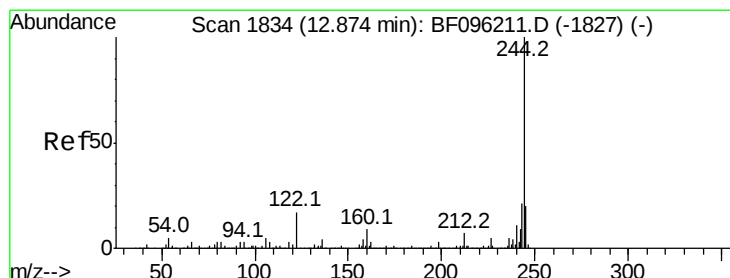
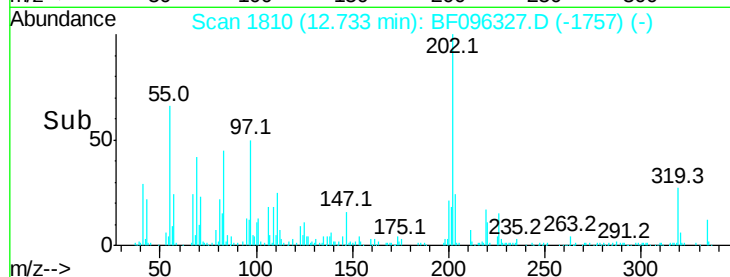
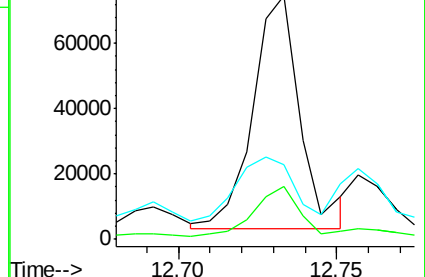
203 30.6 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 2.10 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096327.D

Acq: 30 Jun 2017 10:32

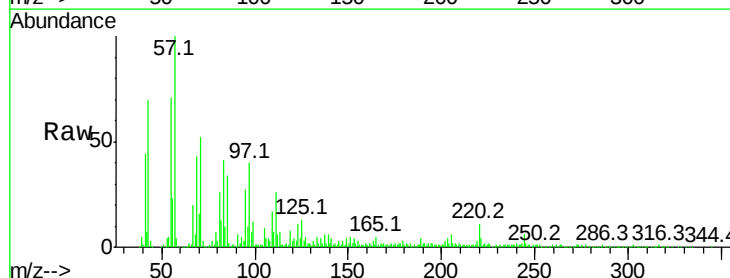
Tgt Ion:244 Resp: 14990

Ion Ratio Lower Upper

244 100

212 9.9 6.0 9.0#

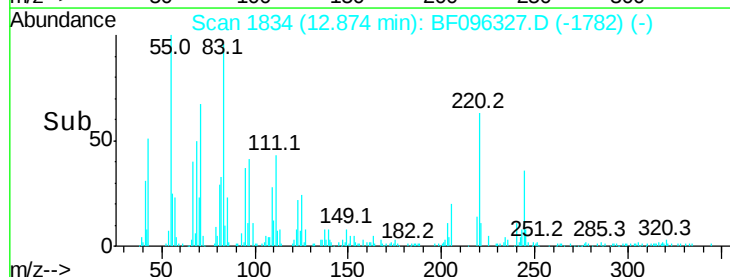
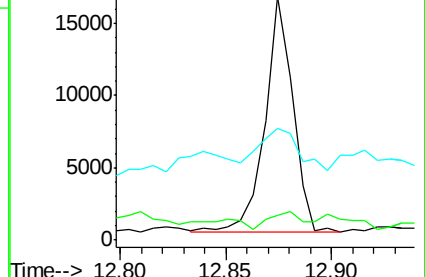
122 45.7 10.3 15.5#

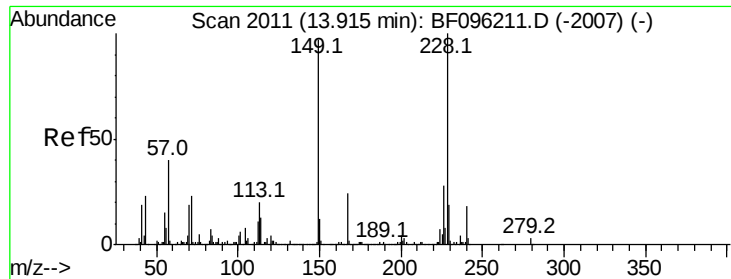


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

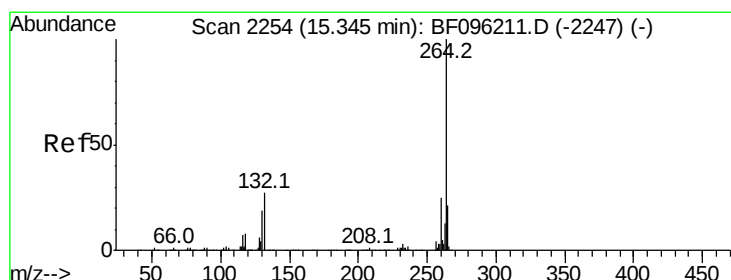
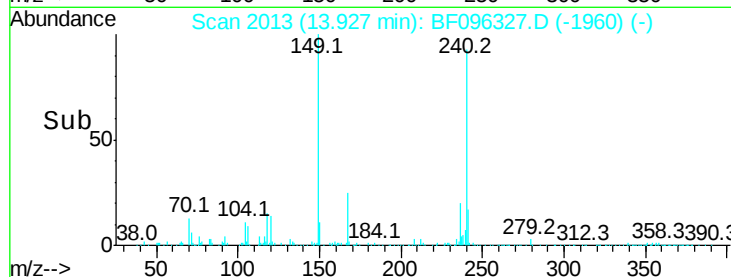
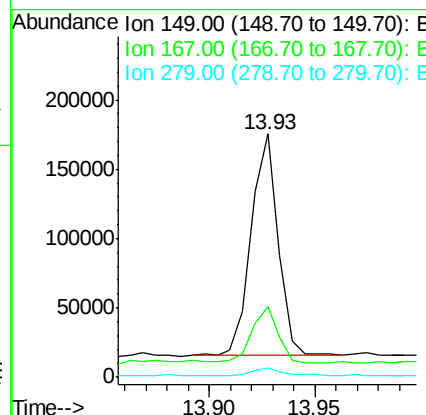
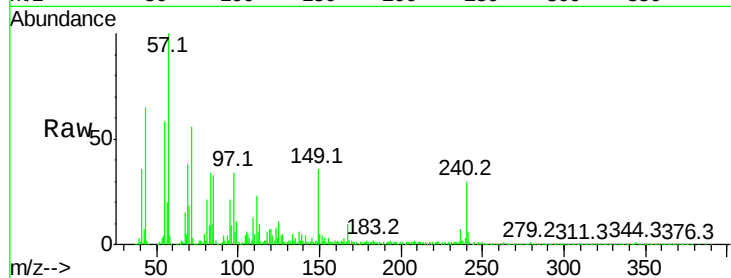




#83
Bis(2-ethylhexyl)phthalate
Concen: 19.45 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Instrument :
BNA_F
ClientSampleId :
LSS-DEBRIS-COMP

Tot Ion:149 Resp: 141568
Ion Ratio Lower Upper
149 100
167 29.2 21.0 31.4
279 3.8 1.9 2.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.03 min
Lab File: BF096327.D
Acq: 30 Jun 2017 10:32

Tgt Ion:264 Resp: 224149
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.5 17.2 25.8

