

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096324.D
 Acq On : 30 Jun 2017 9:09
 Operator : SJ/MA
 Sample : I3941-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-STONE-COMP-1

Quant Time: Jun 30 17:49:31 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

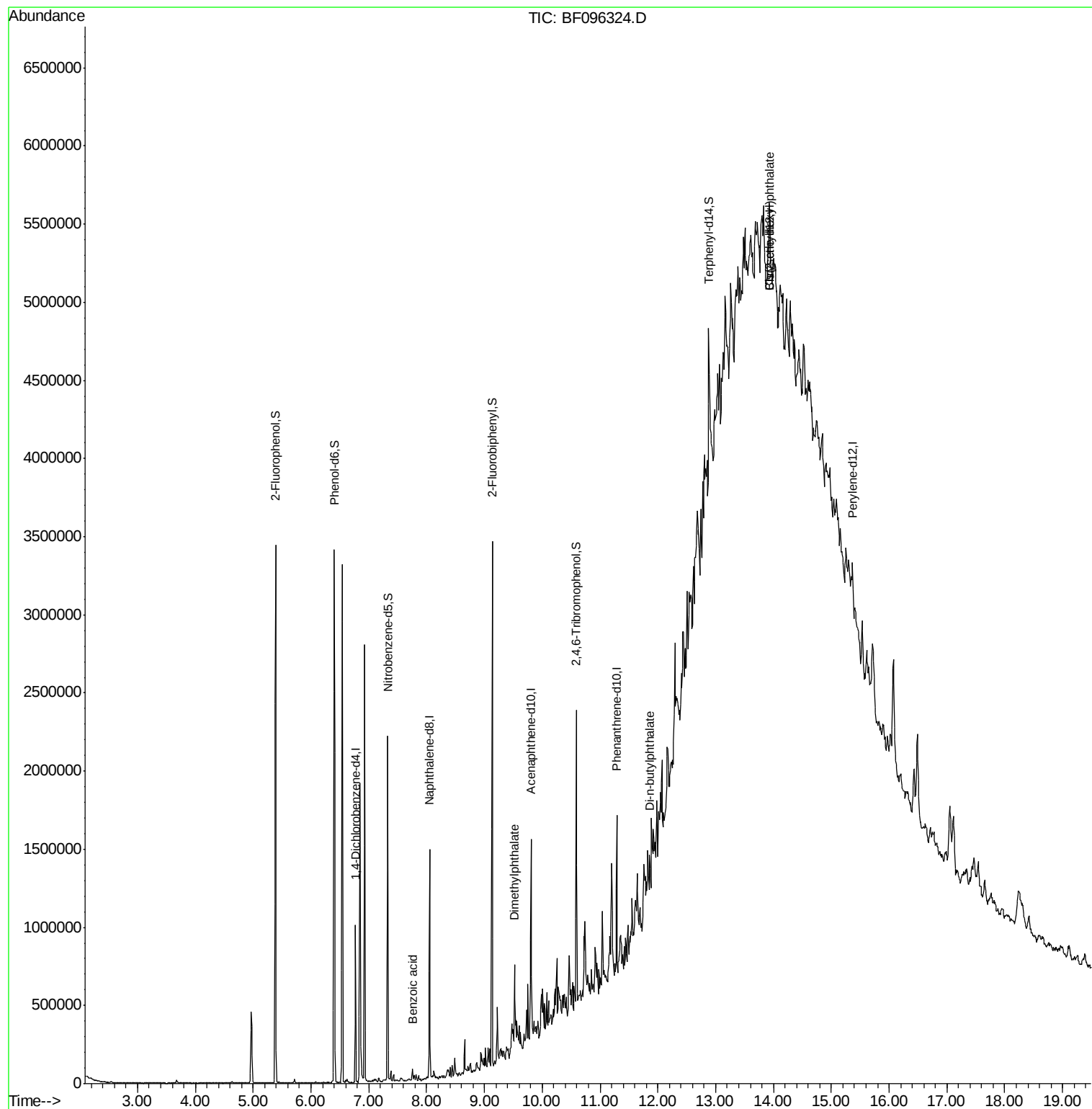
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	145774	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	599679	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	236608	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	349819	20.00	ng	0.00
75) Chrysene-d12	13.93	240	155374	20.00	ng	0.02
86) Perylene-d12	15.37	264	232990	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	996001	98.44	ng	0.00
7) Phenol-d6	6.40	99	1241674	101.34	ng	0.01
23) Nitrobenzene-d5	7.33	82	715880	82.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	239133	128.42	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1123581	86.97	ng	-0.02
78) Terphenyl-d14	12.88	244	564332	90.63	ng	0.01
Target Compounds						
32) Benzoic acid	7.76	122	14580	10.68	ng	Qvalue 92
49) Dimethylphthalate	9.52	163	153194	9.05	ng	# 98
73) Di-n-butylphthalate	11.86	149	76480	3.36	ng	97
83) Bis(2-ethylhexyl)phthalate	13.93	149	198458	31.21	ng	# 95

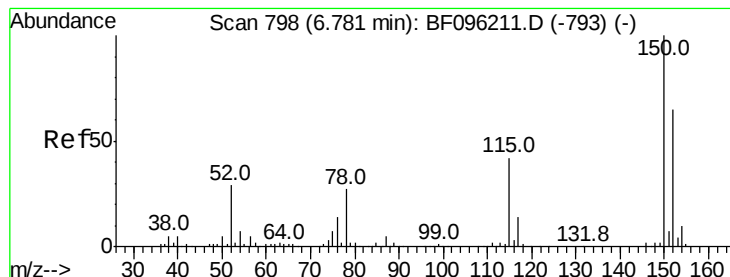
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

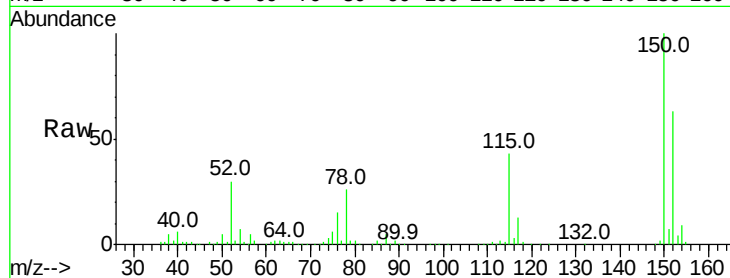
Tot Ion:152 Resp: 145774

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

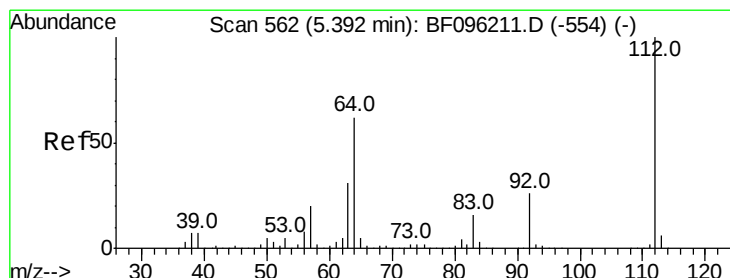
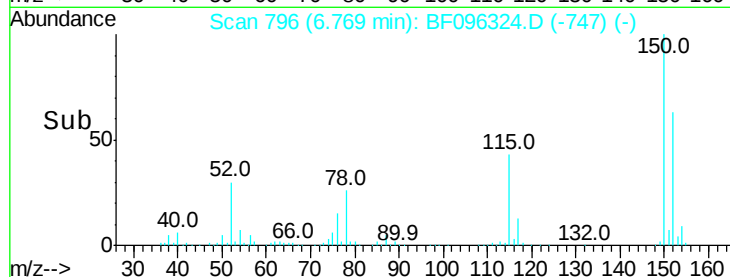
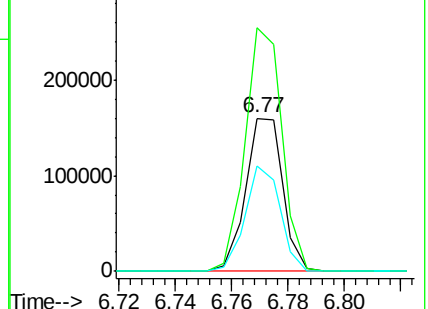
115 68.7 52.2 78.2



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: 98.44 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

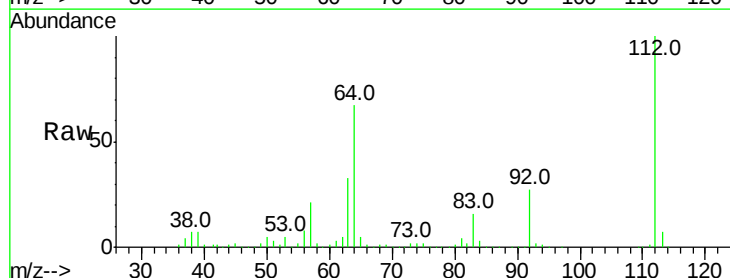
Tgt Ion:112 Resp: 996001

Ion Ratio Lower Upper

112 100

64 66.5 46.0 69.0

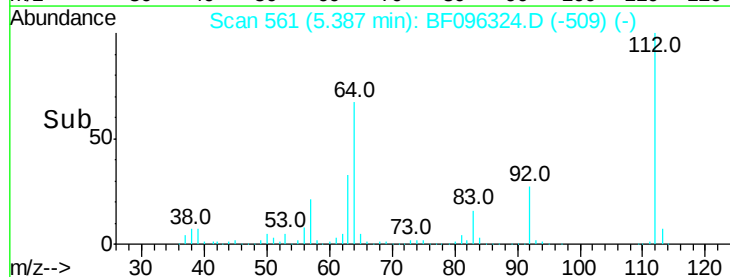
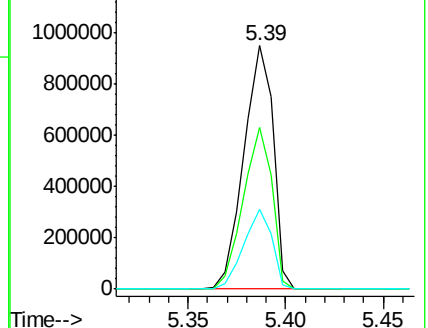
63 32.8 23.4 35.0

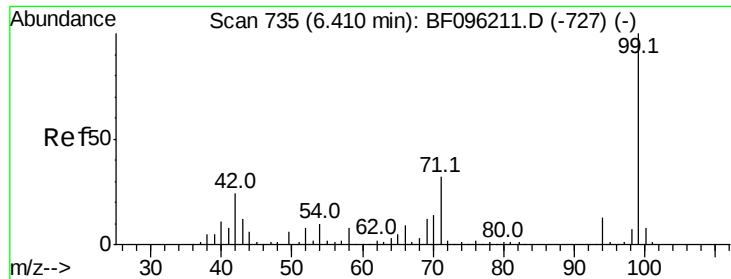


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.34 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

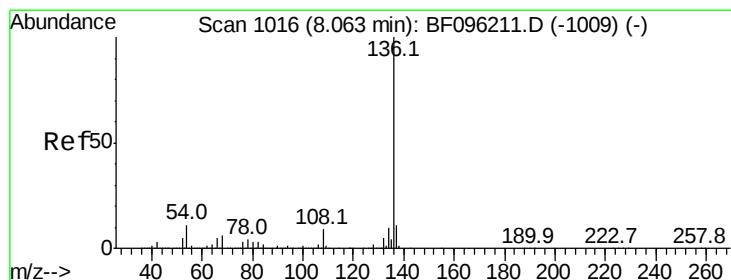
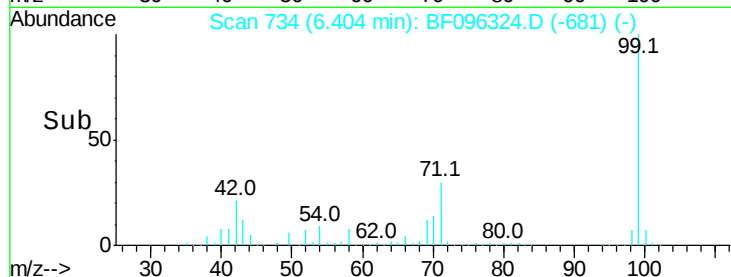
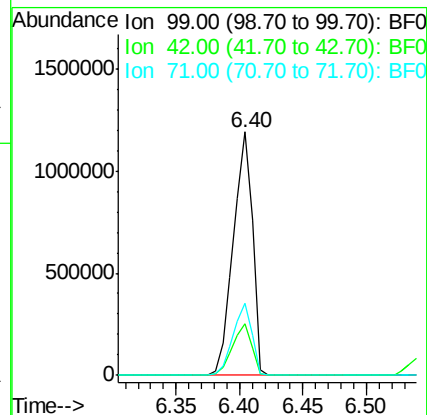
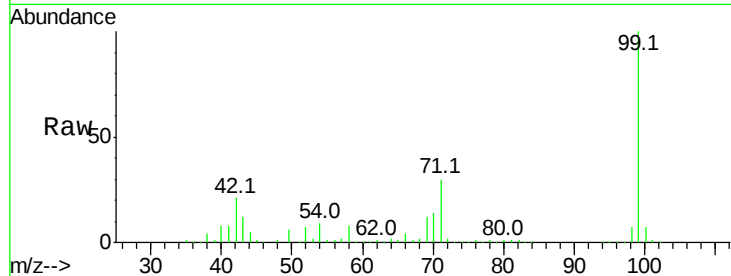
BNA_F

ClientSampleId :

LSS-STONE-COMP-1

Tot Ion: 99 Resp: 1241674

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.5	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

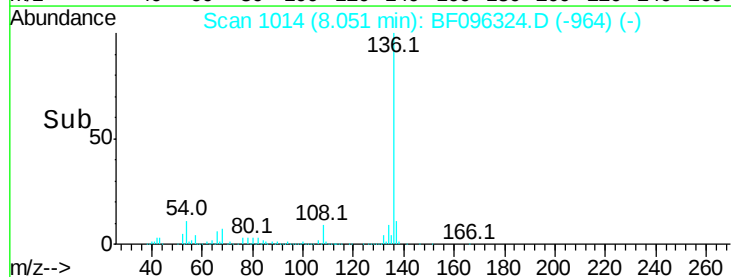
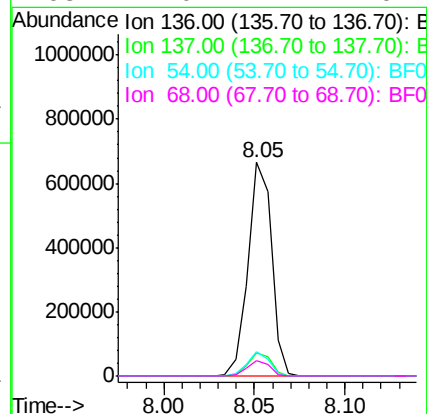
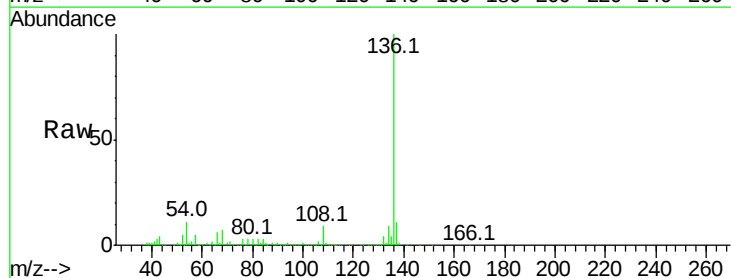
Delta R.T. -0.01 min

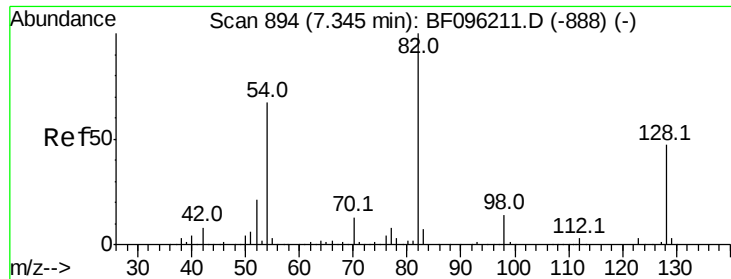
Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Tgt Ion: 136 Resp: 599679

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	7.0	4.1	6.1#

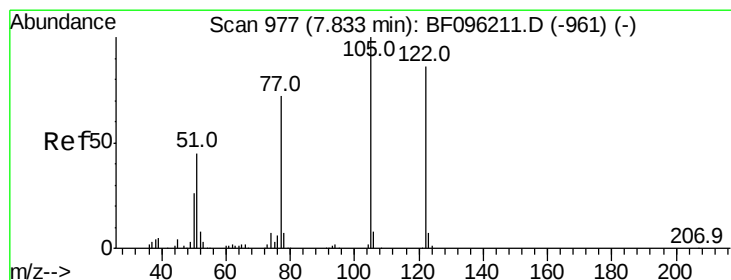
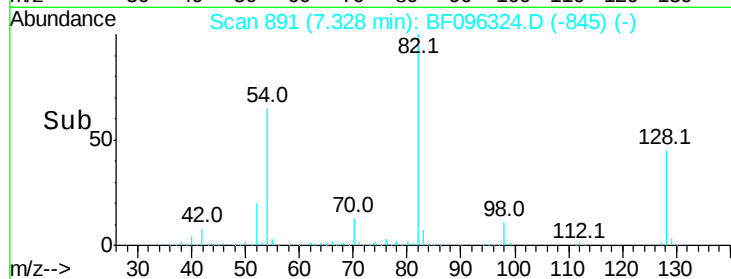
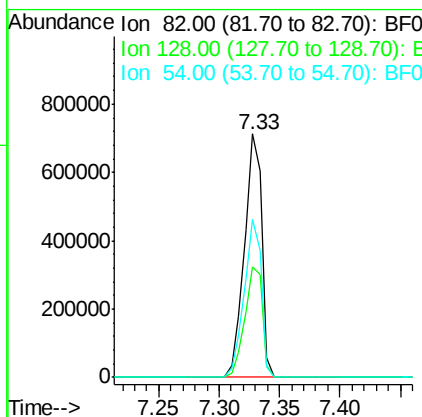
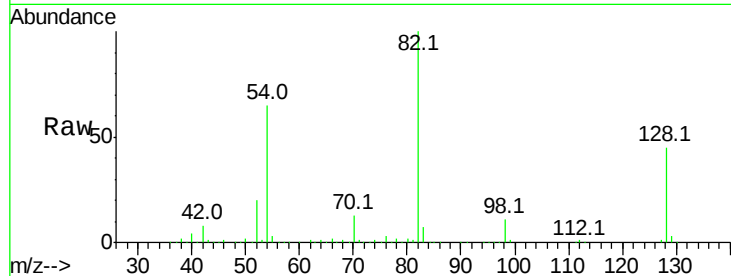




#23
 Nitrobenzene-d5
 Concen: 82.64 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: BF096324.D
 Acq: 30 Jun 2017 9:09

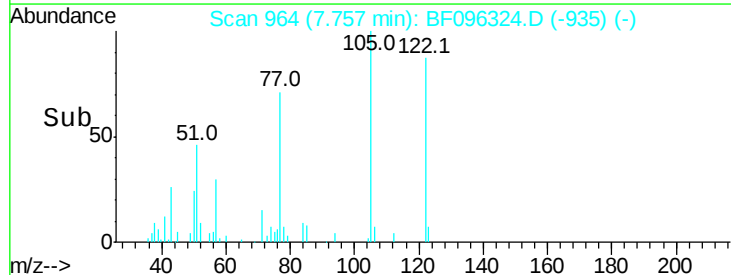
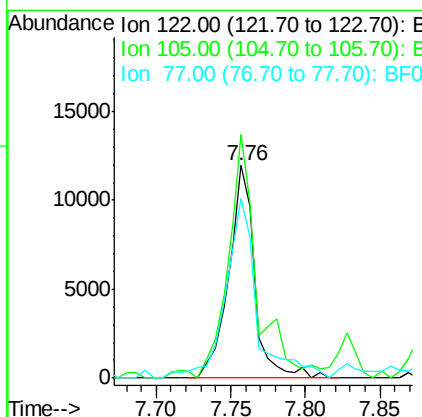
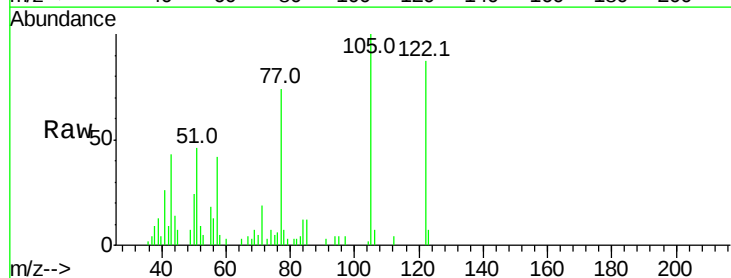
Instrument :
 BNA_F
 ClientSampleId :
 LSS-STONE-COMP-1

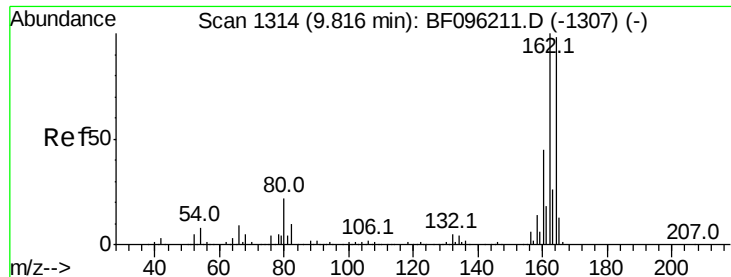
Tot Ion: 82 Resp: 715880
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 65.0 42.2 63.2#



#32
 Benzoic acid
 Concen: 10.68 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.13 min
 Lab File: BF096324.D
 Acq: 30 Jun 2017 9:09

Tgt Ion:122 Resp: 14580
 Ion Ratio Lower Upper
 122 100
 105 114.4 103.3 143.3
 77 84.7 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

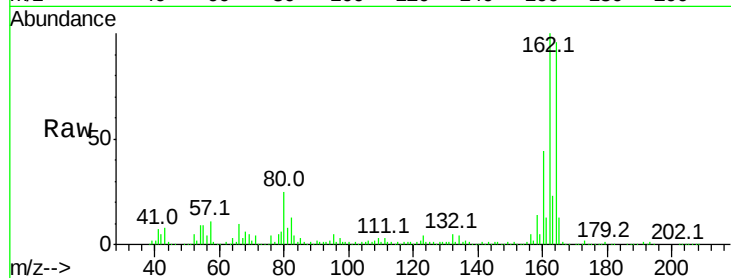
Tot Ion:164 Resp: 236608

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

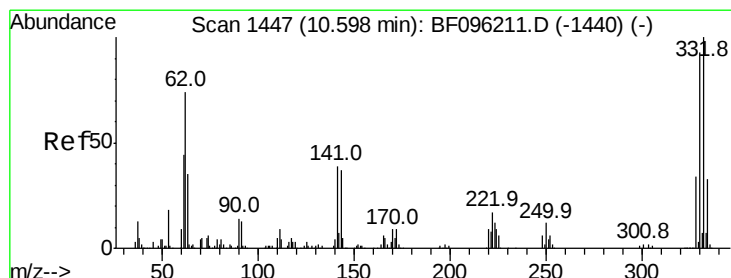
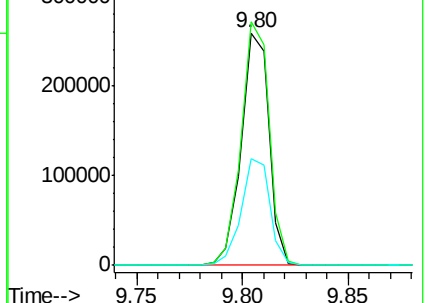
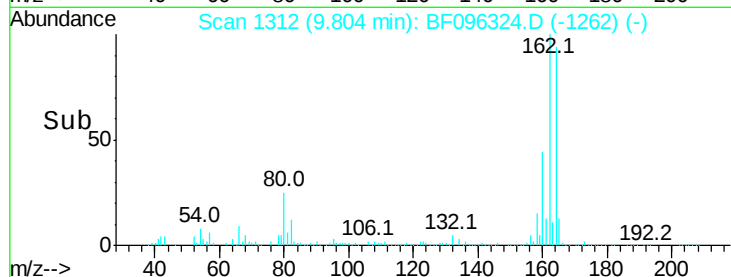
160 46.0 36.2 54.2



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: 128.42 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

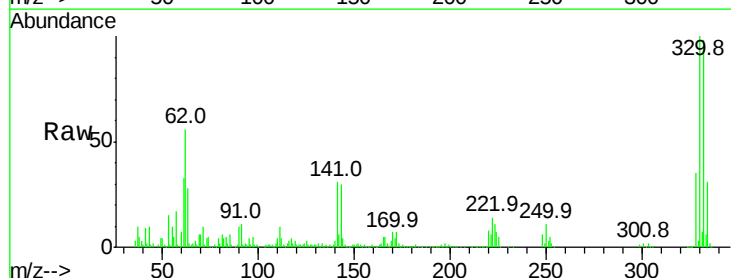
Tgt Ion:330 Resp: 239133

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

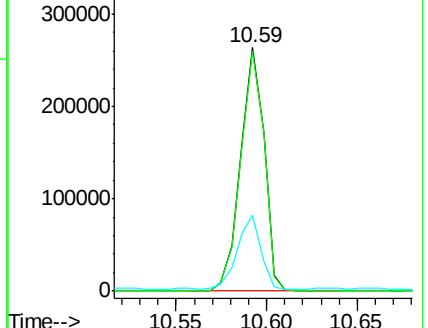
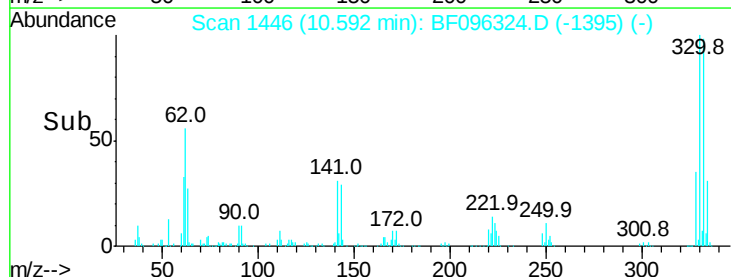
141 30.7 31.4 47.2#

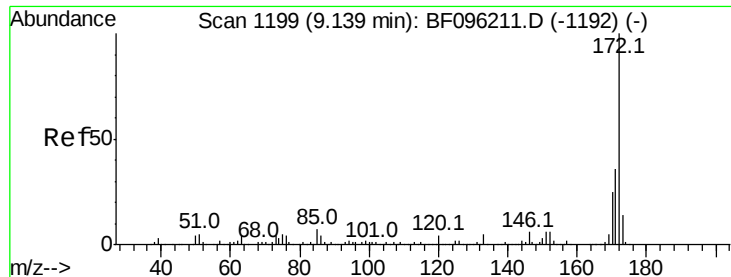


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

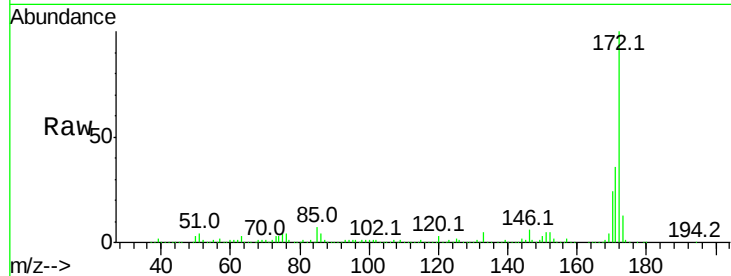




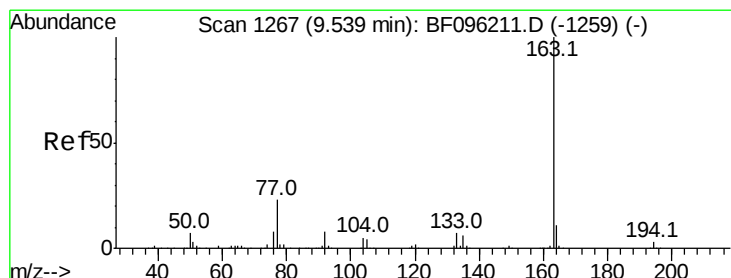
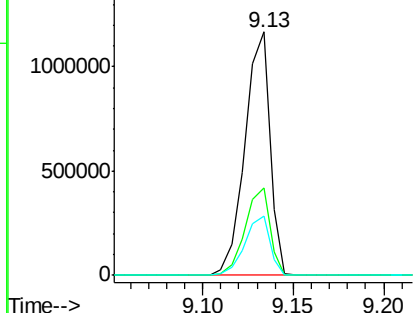
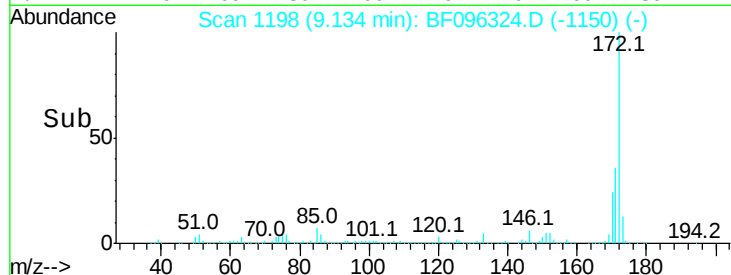
#44
2-Fluorobiphenyl
Concen: 86.97 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-1

Tot Ion:172 Resp: 1123581
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.1 19.8 29.8

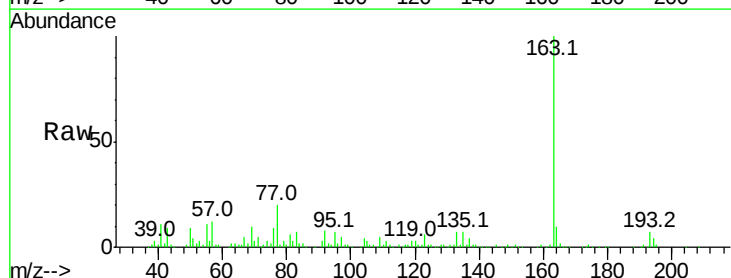


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

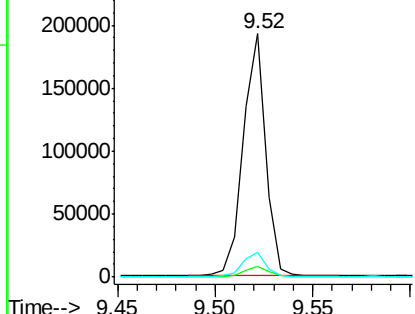
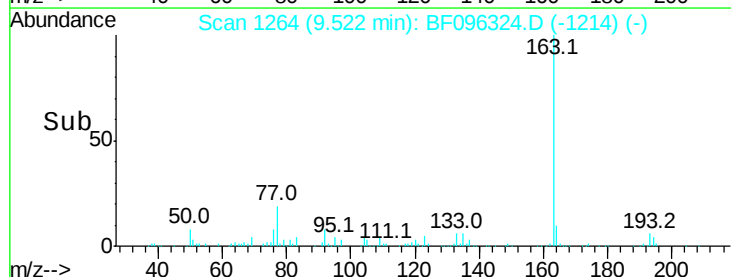


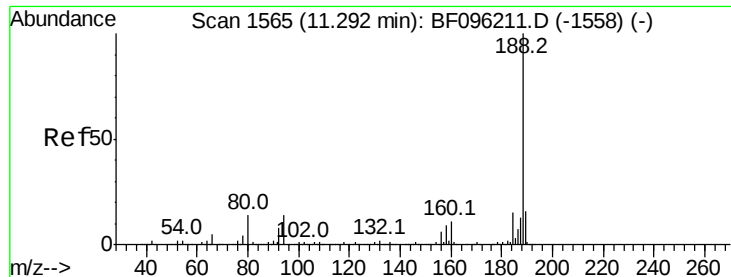
#49
Dimethylphthalate
Concen: 9.05 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

Tgt Ion:163 Resp: 153194
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 10.1 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

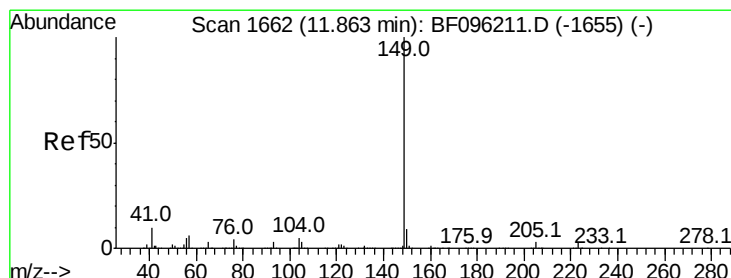
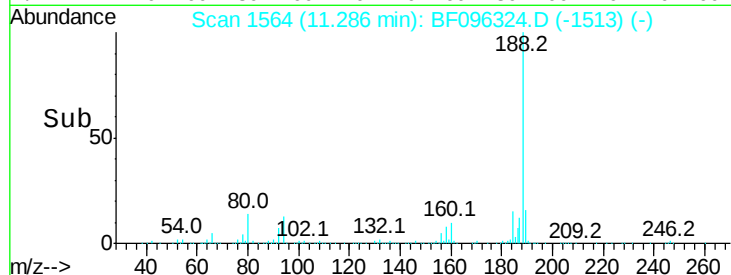
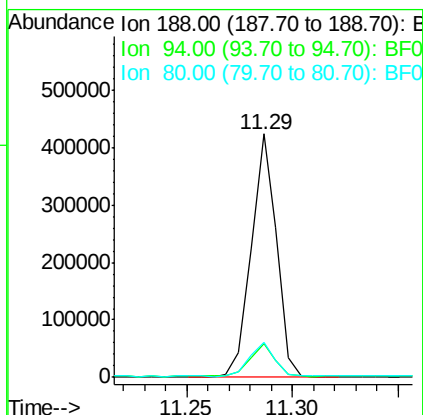
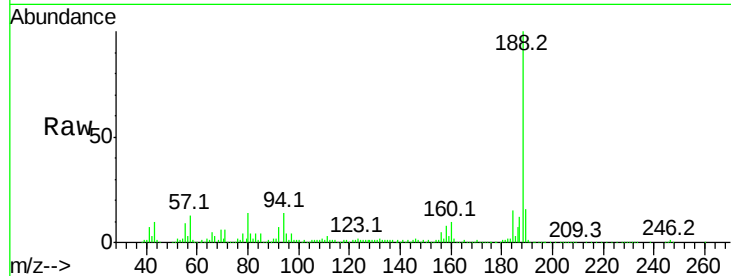




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

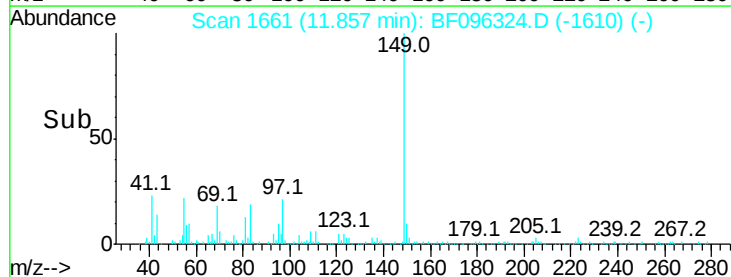
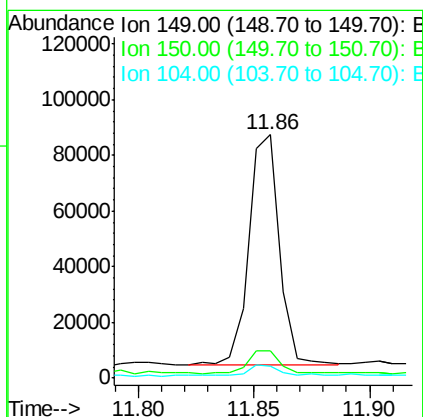
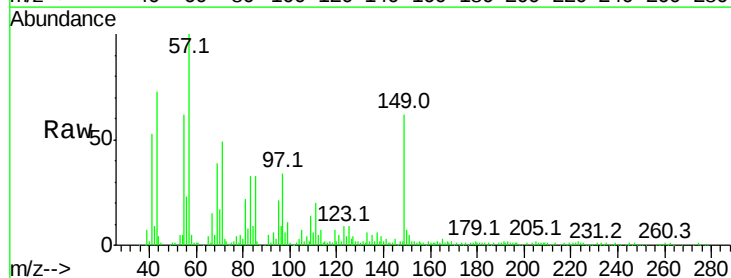
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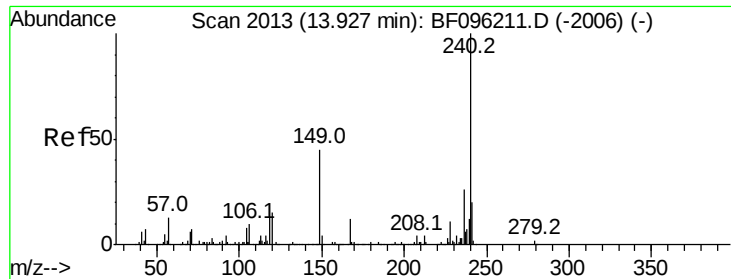
Tot Ion:188 Resp: 349819
Ion Ratio Lower Upper
188 100
94 13.9 9.4 14.2
80 14.2 10.2 15.2



#73
Di-n-butylphthalate
Concen: 3.36 ng
RT: 11.86 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

Tgt Ion:149 Resp: 76480
Ion Ratio Lower Upper
149 100
150 11.3 7.7 11.5
104 5.0 4.0 6.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

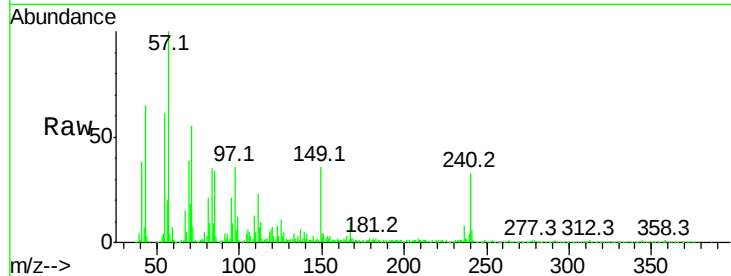
Tot Ion:240 Resp: 155374

Ion Ratio Lower Upper

240 100

120 20.1 5.8 8.8#

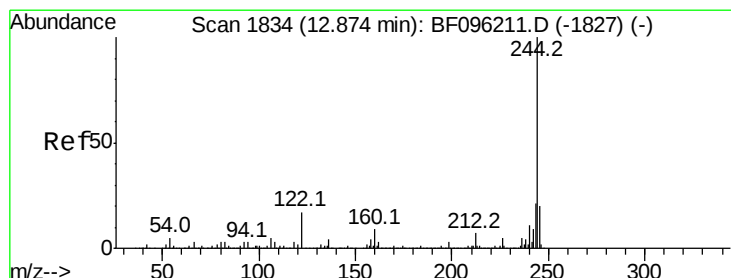
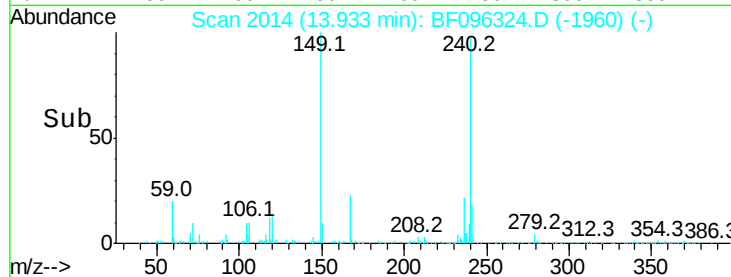
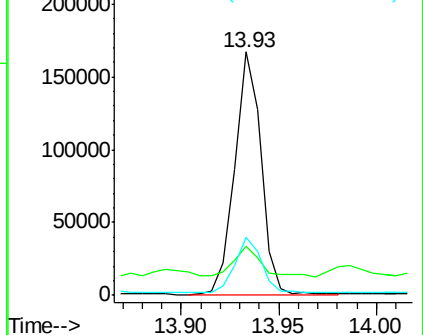
236 23.7 20.5 30.7



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: 90.63 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

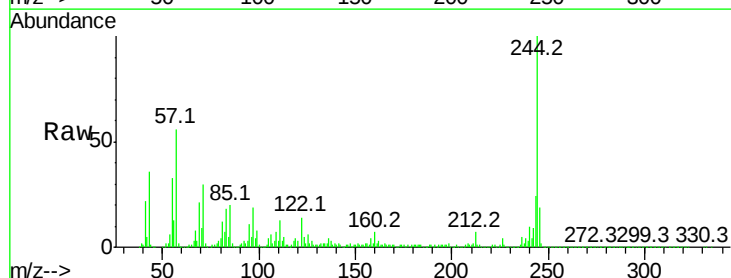
Tgt Ion:244 Resp: 564332

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

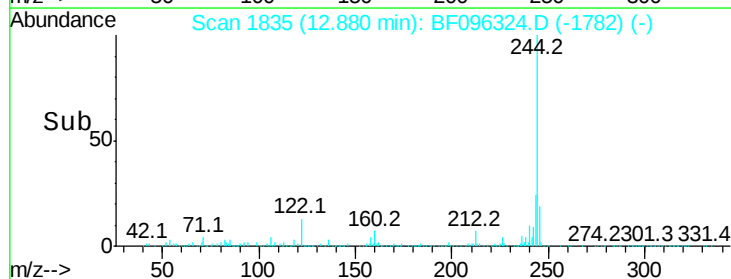
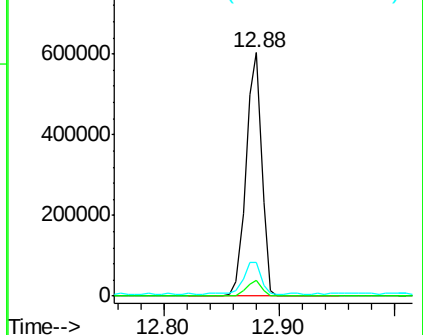
122 14.0 10.3 15.5

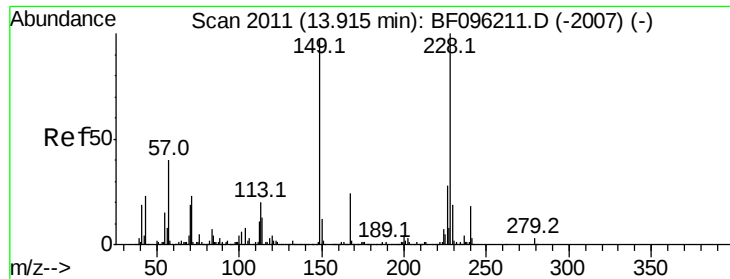


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

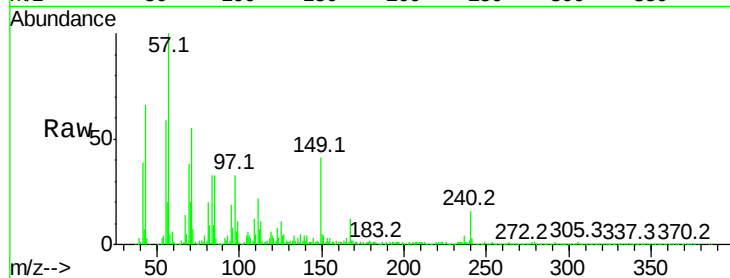




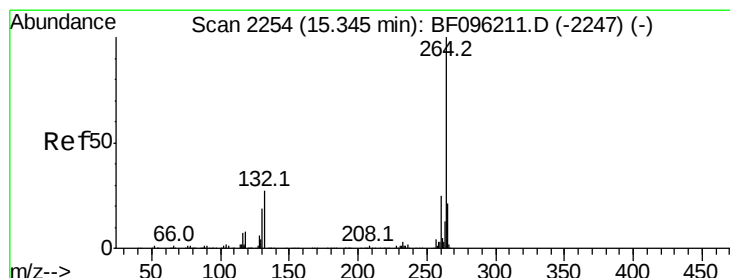
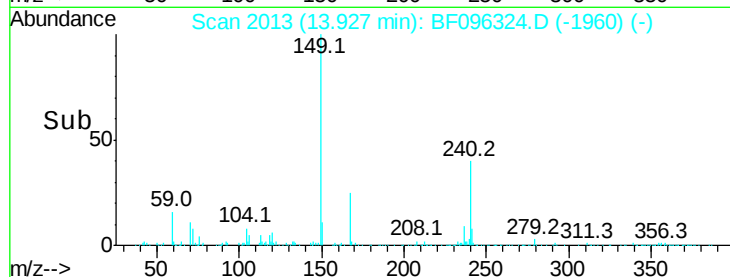
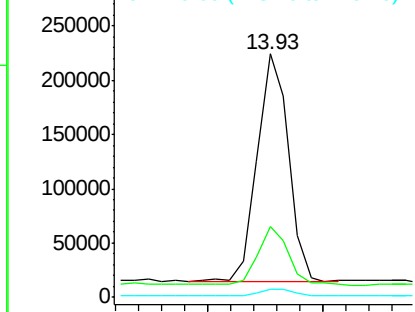
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.21 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF096324.D
 Acq: 30 Jun 2017 9:09

Instrument :
 BNA_F
 ClientSampleId :
 LSS-STONE-COMP-1

Tot Ion:149 Resp: 198458
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.0 31.4
 279 3.4 1.9 2.9#

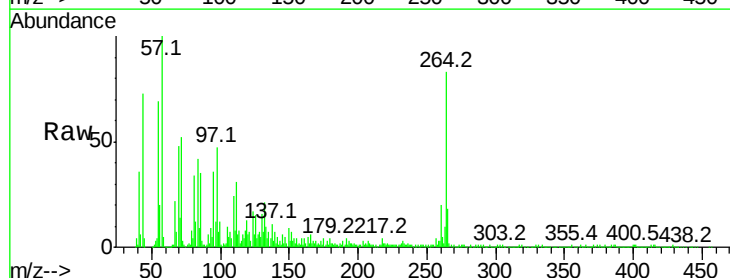


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.03 min
 Lab File: BF096324.D
 Acq: 30 Jun 2017 9:09

Tgt Ion:264 Resp: 232990
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.6 17.2 25.8



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

