

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 17:40:21 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

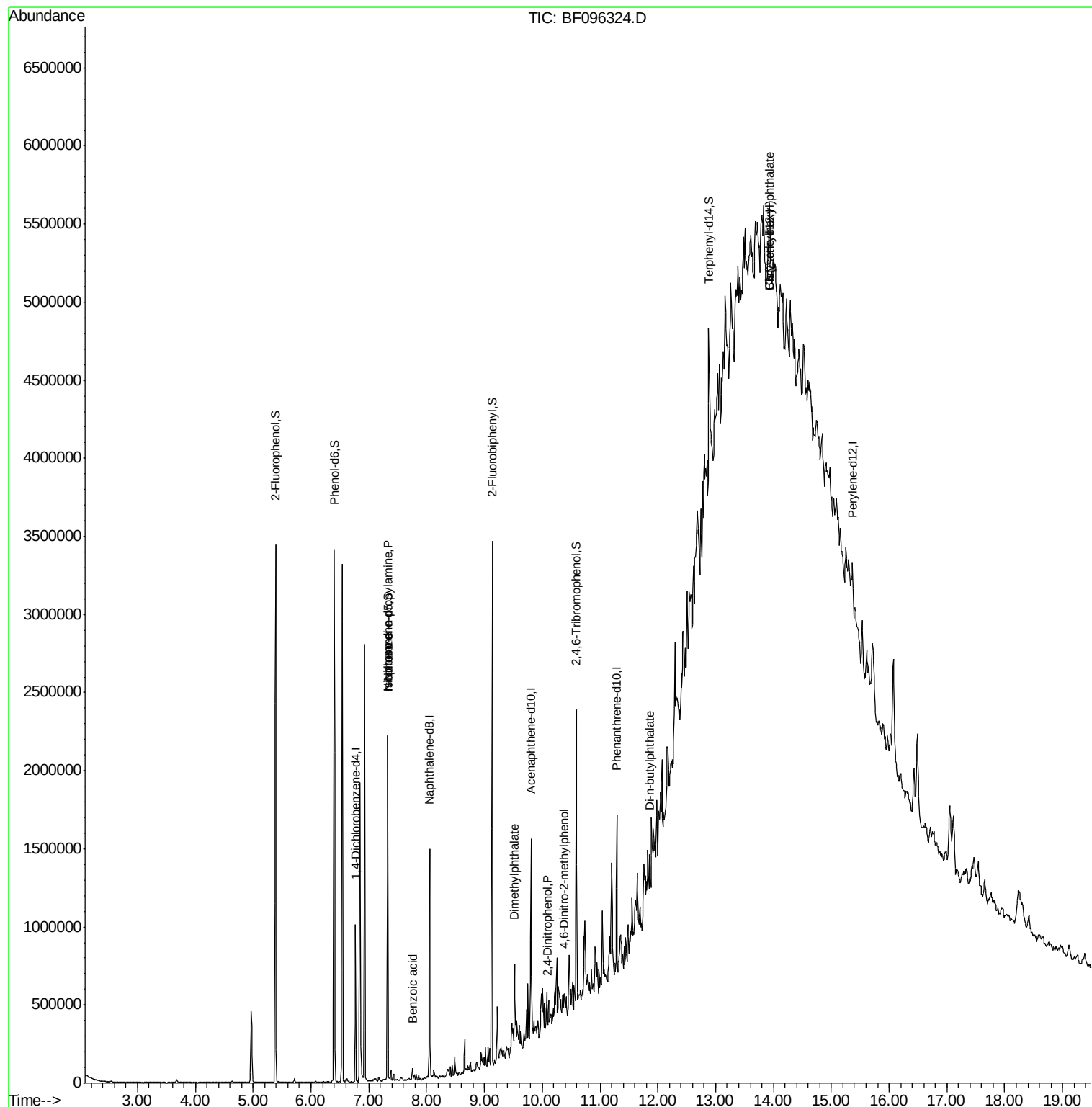
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	1937	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	91606	12.480	ng	# 86
25) Isophorone	7.33	82	715750	36.382	ng	# 67
32) Benzoic acid	7.76	122	14580	10.680	ng	# 92
49) Dimethylphthalate	9.52	163	153194	9.047	ng	# 98
53) 2,4-Dinitrophenol	10.09	184	106	7.630	ng	# 39
57) Fluorene	10.35	166	3968	Below Cal	#	36
60) 4-Chlorophenyl-phenylether	10.34	204	297	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.38	198	249	8.861	ng	# 1
70) Phenanthrene	11.31	178	7227	Below Cal	#	78
73) Di-n-butylphthalate	11.86	149	76480	3.356	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.93	149	198458	31.209	ng	# 95

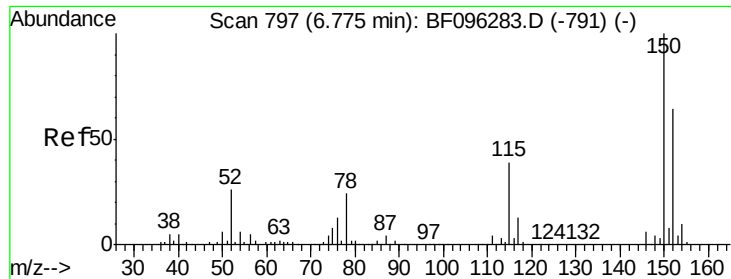
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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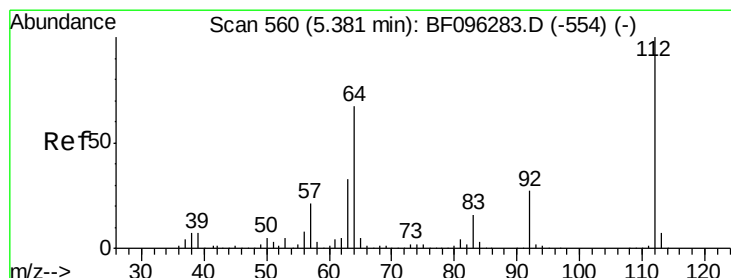
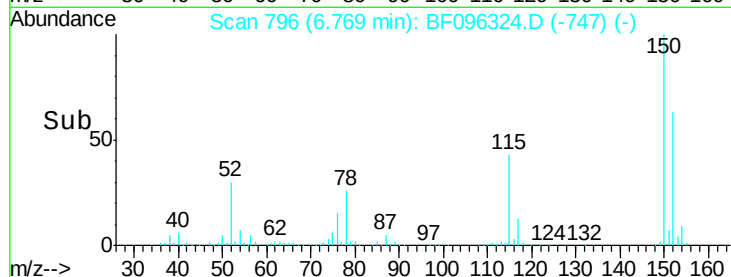
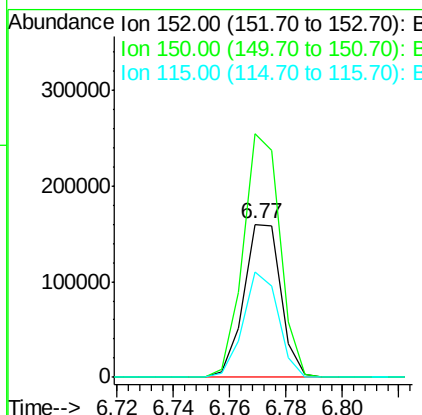
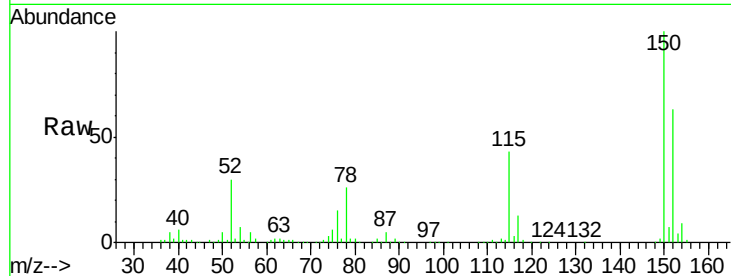


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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

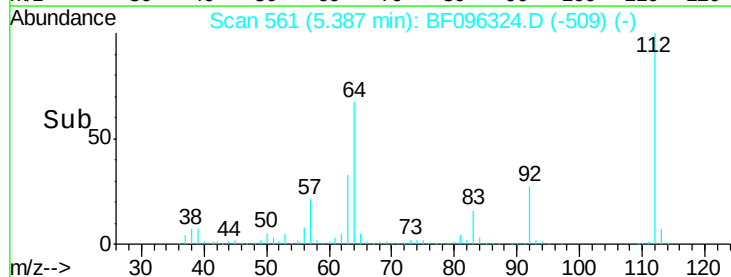
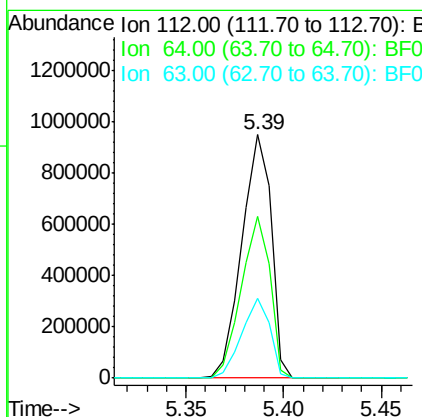
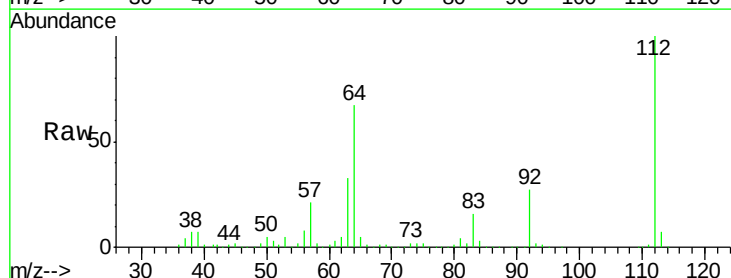
Tgt Ion:152 Resp: 145774
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 68.7 52.2 78.2

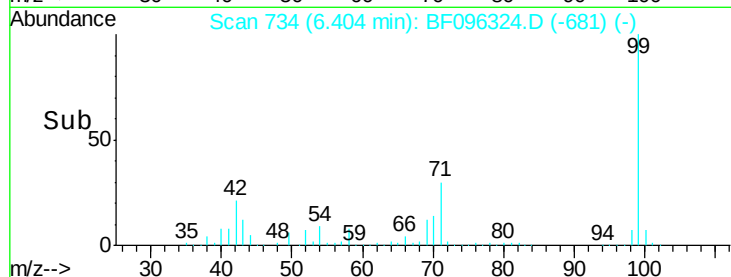
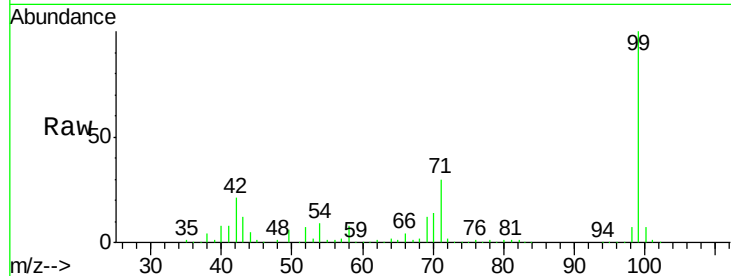
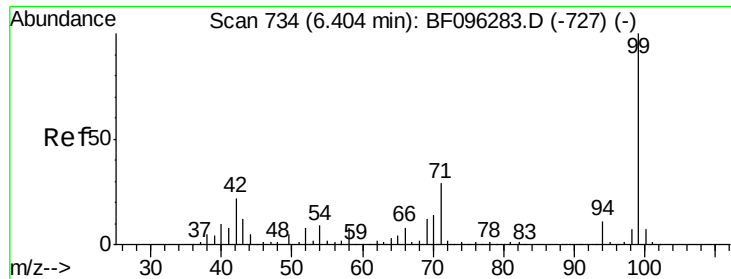


#5

2-Fluorophenol
Concen: 98.435 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





#7

Phenol-d6

Concen: 101.344 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

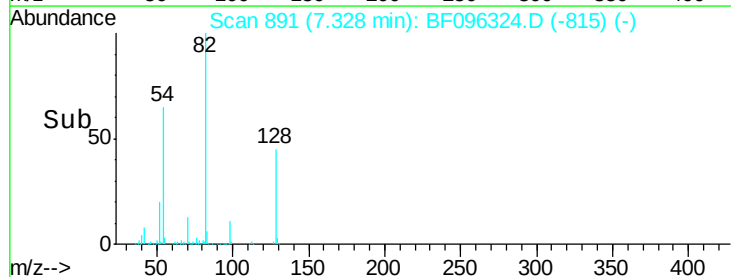
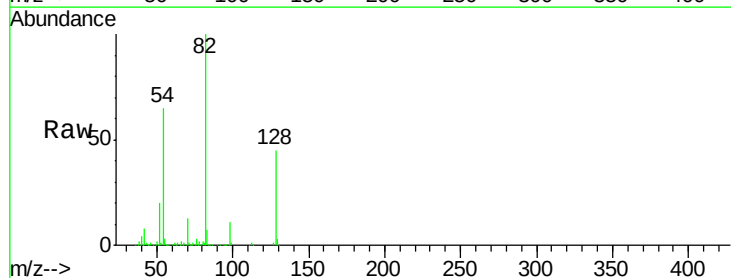
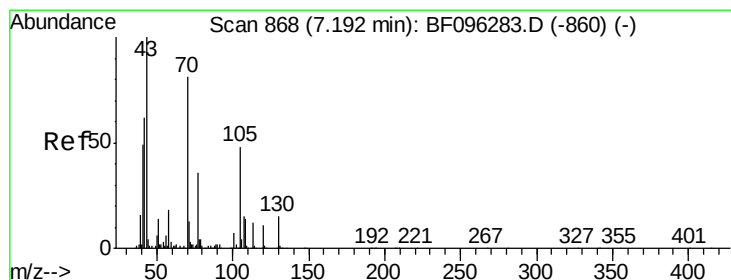
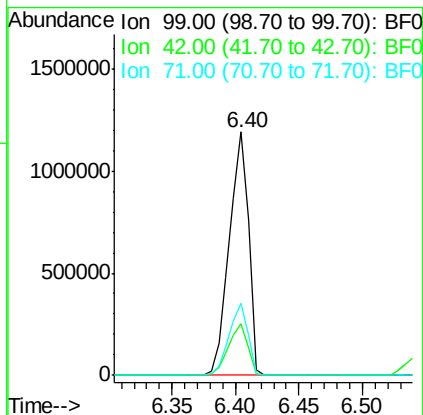
Tgt Ion: 99 Resp: 1241674

Ion Ratio Lower Upper

99 100

42 21.3 13.5 20.3#

71 29.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.480 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Tgt Ion: 70 Resp: 91606

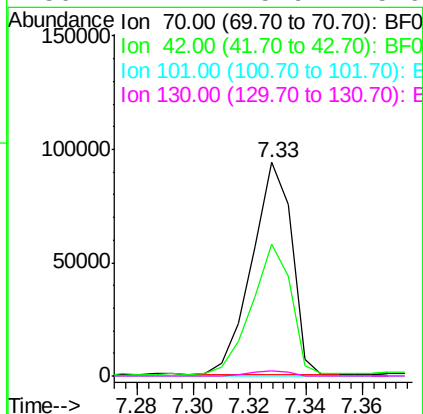
Ion Ratio Lower Upper

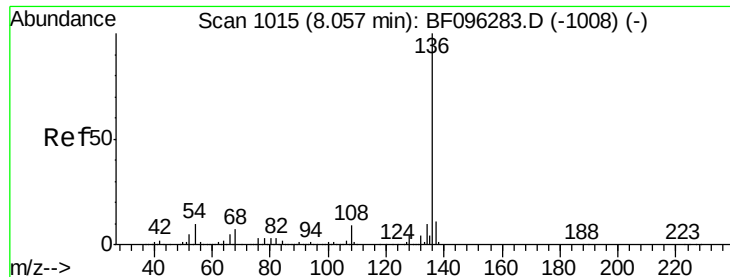
70 100

42 61.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

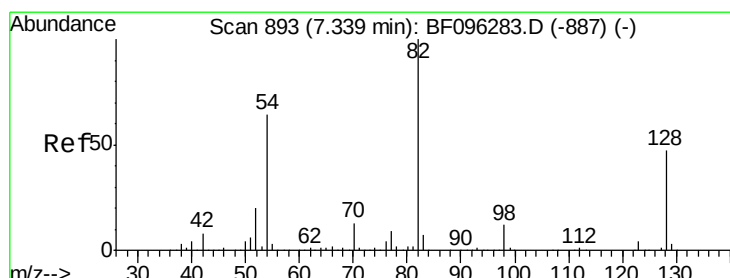
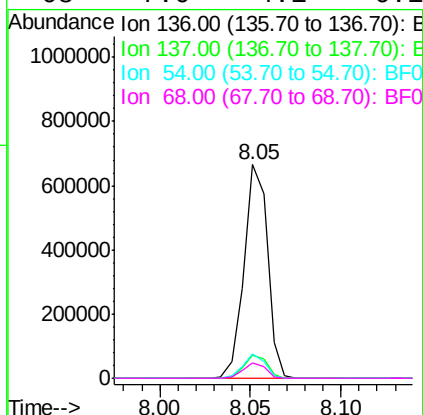
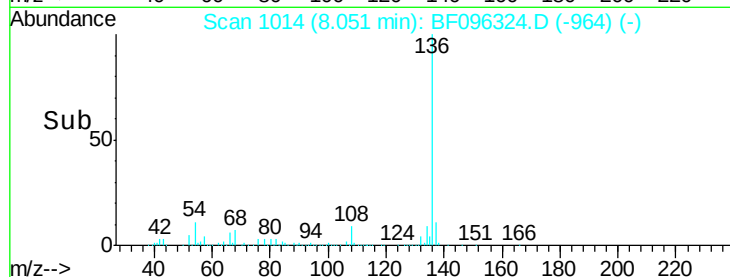
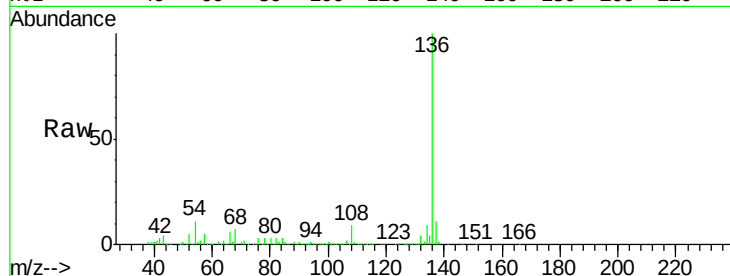




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

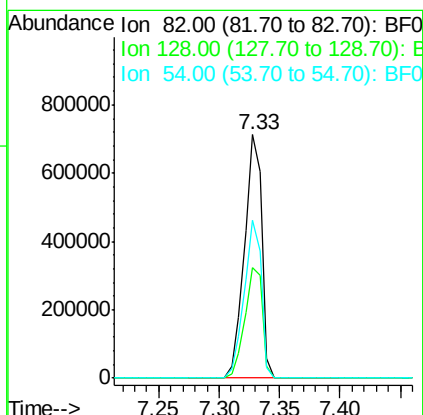
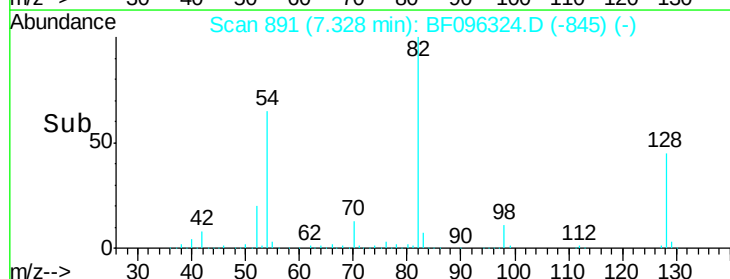
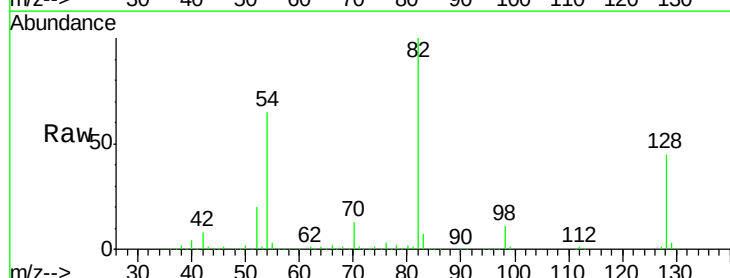
Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-1

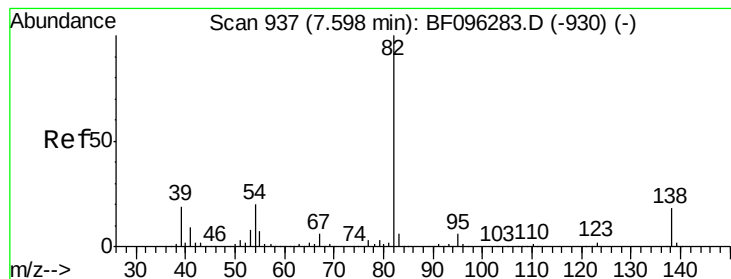
Tgt Ion:	136	Resp:	599679
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	7.0	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 82.639 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

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





#25

Isophorone

Concen: 36.382 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

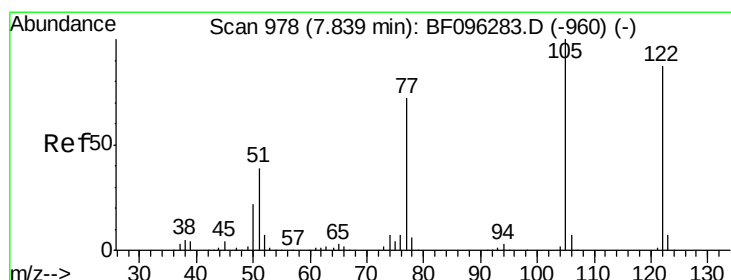
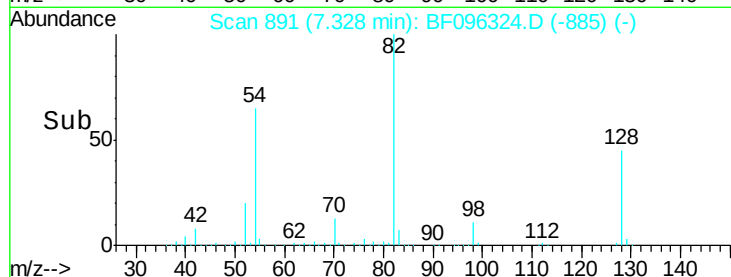
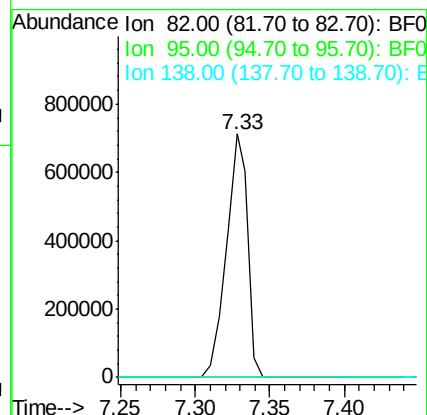
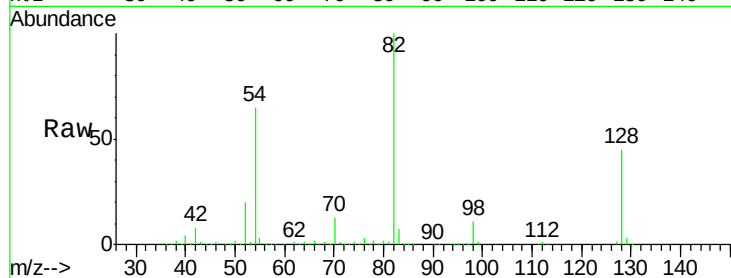
Tgt Ion: 82 Resp: 715750

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 10.680 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.13 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

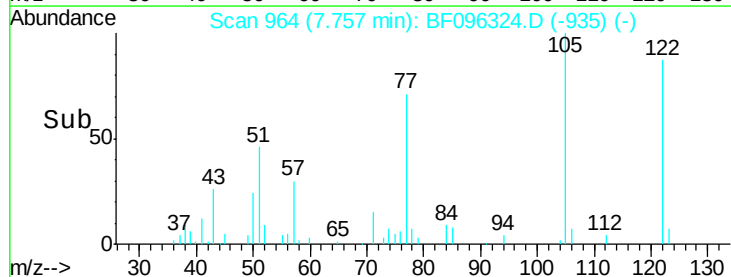
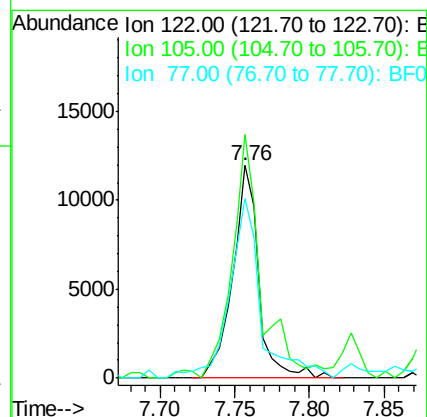
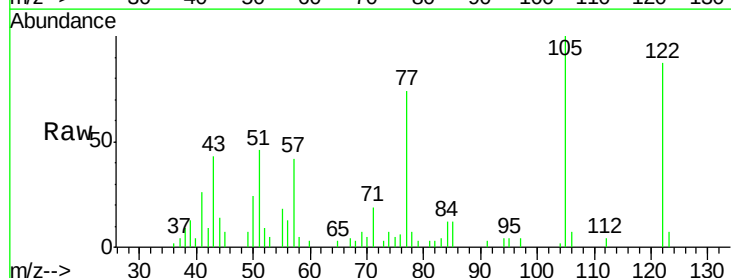
Tgt Ion: 122 Resp: 14580

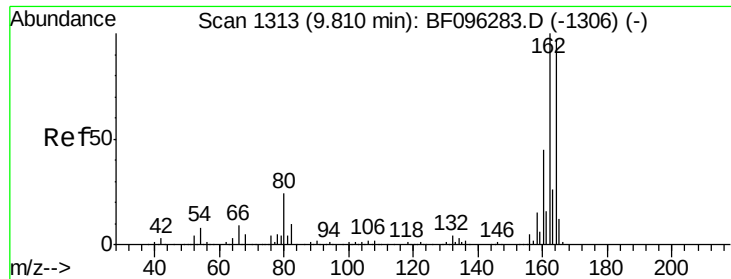
Ion Ratio Lower Upper

122 100

105 114.4 103.3 143.3

77 84.7 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.000 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

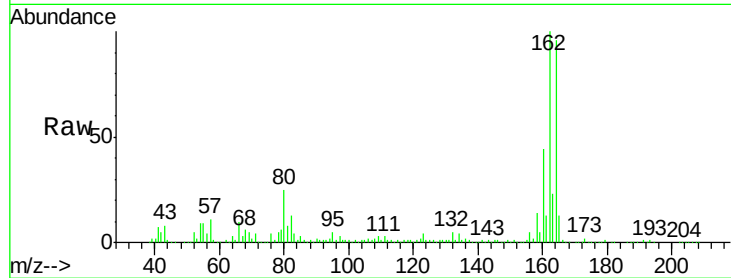
Tgt Ion:164 Resp: 236608

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

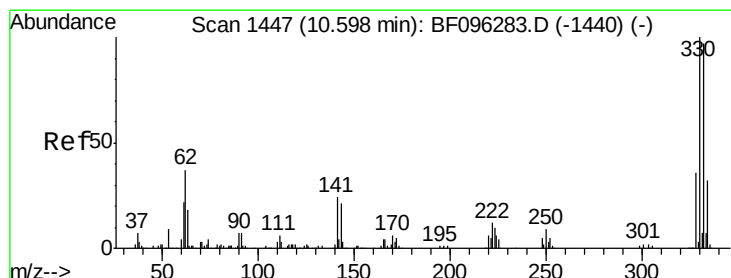
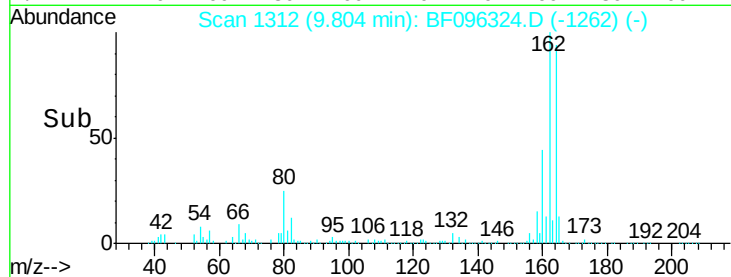
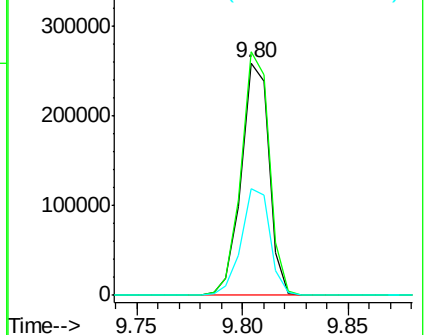
160 46.0 36.2 54.2



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: 128.423 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

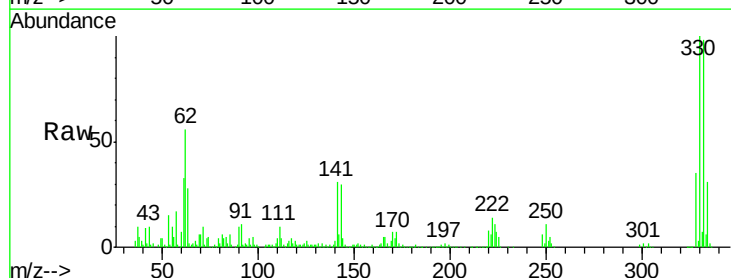
Tgt Ion:330 Resp: 239133

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

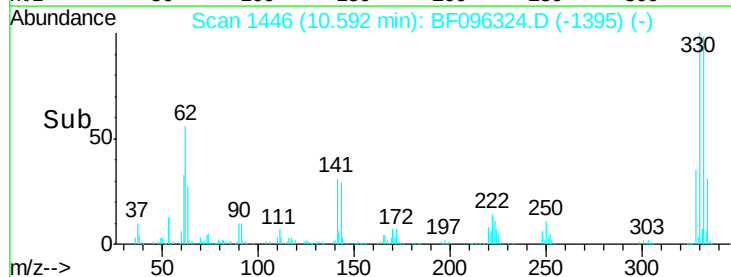
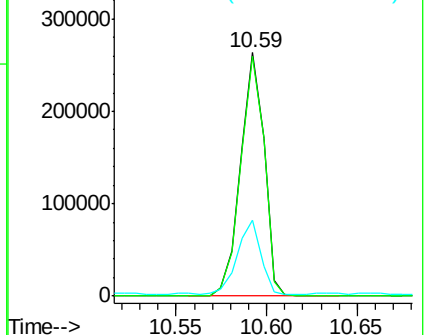
141 30.7 31.4 47.2#

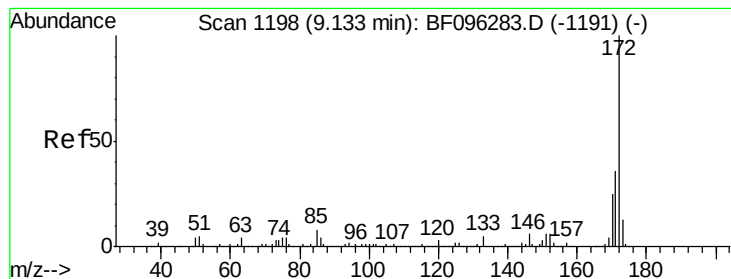


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.966 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

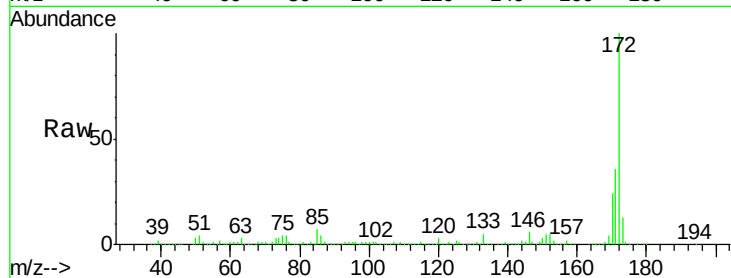
BNA_F

ClientSampleId :

LSS-STONE-COMP-1

Tgt Ion:172 Resp: 1123581

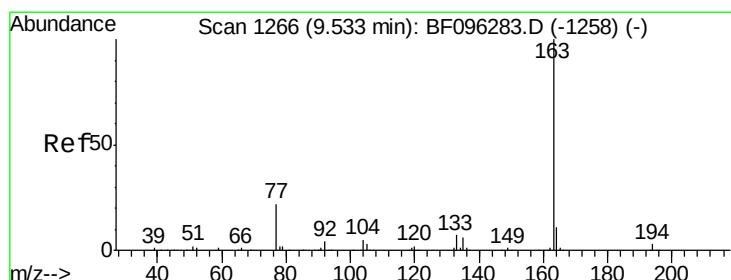
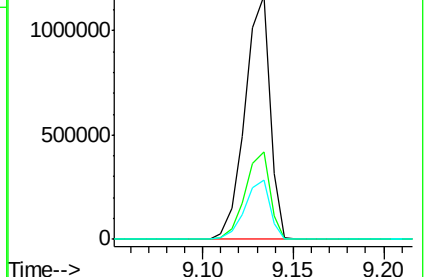
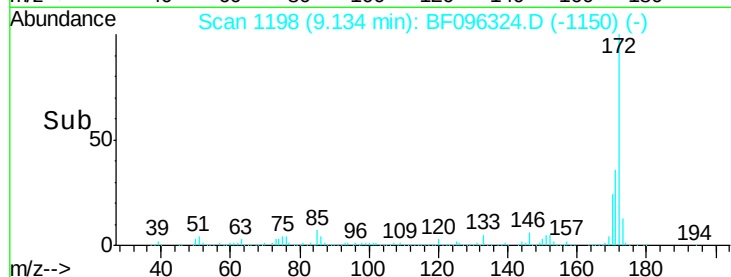
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	19.8	29.8



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: 9.047 ng

RT: 9.52 min Scan# 1264

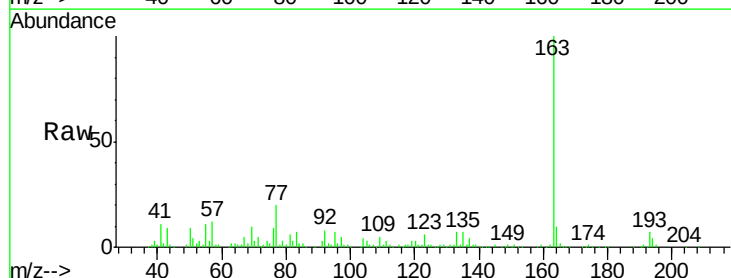
Delta R.T. -0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Tgt Ion:163 Resp: 153194

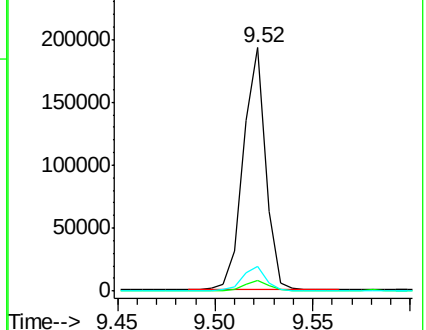
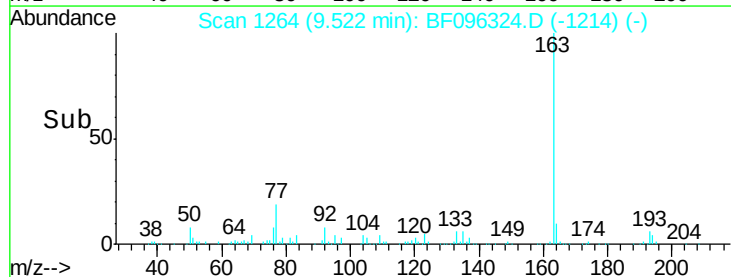
Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	4.0#
164	10.1	8.4	12.6

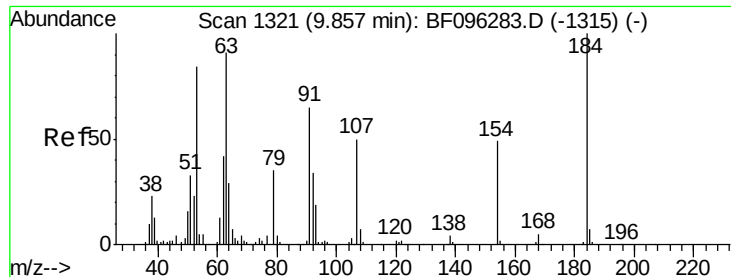


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 7.630 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.22 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

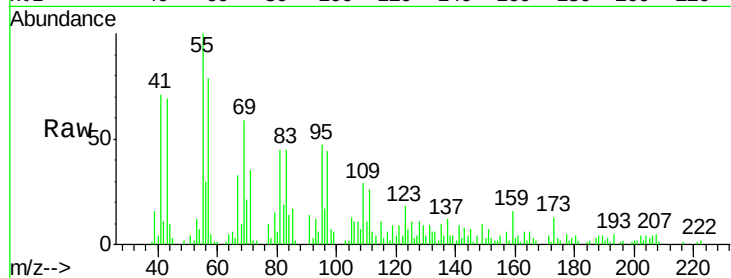
Tgt Ion:184 Resp: 106

Ion Ratio Lower Upper

184 100

63 115.0 62.7 94.1#

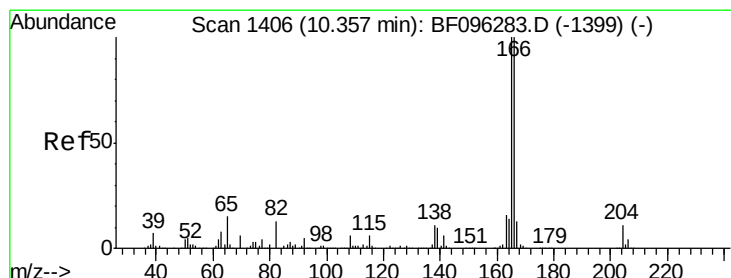
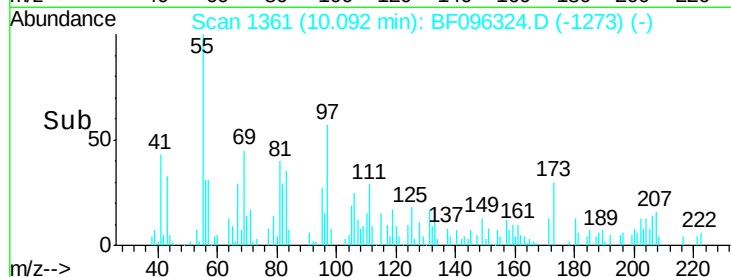
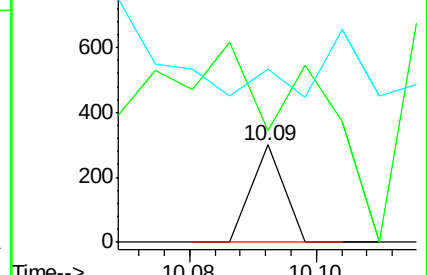
154 177.7 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

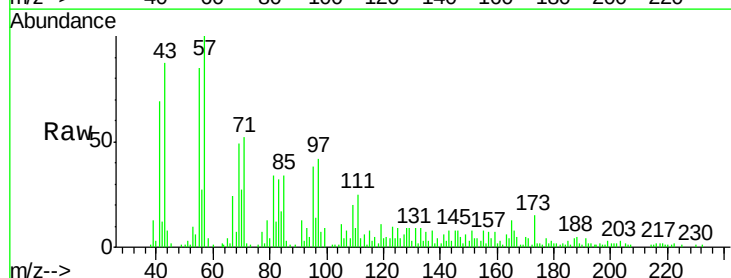
Tgt Ion:166 Resp: 3968

Ion Ratio Lower Upper

166 100

165 155.5 78.8 118.2#

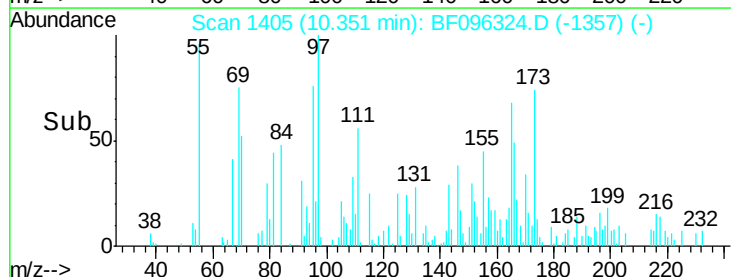
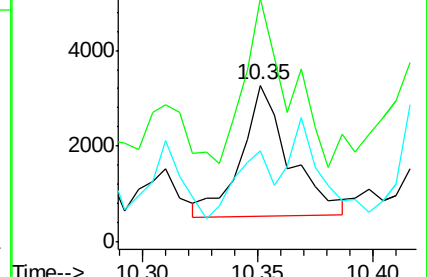
167 58.1 10.6 16.0#

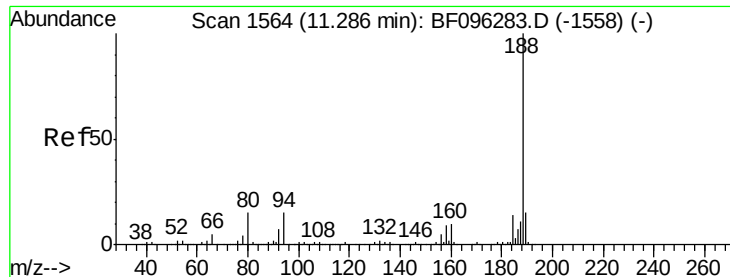


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

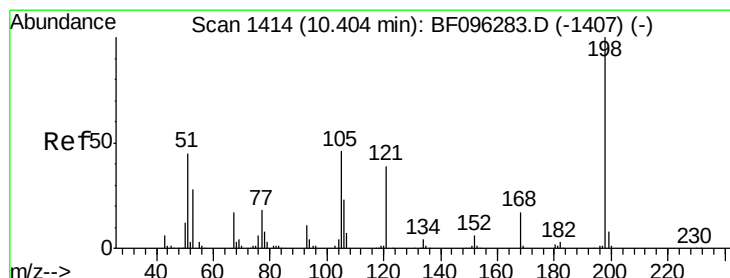
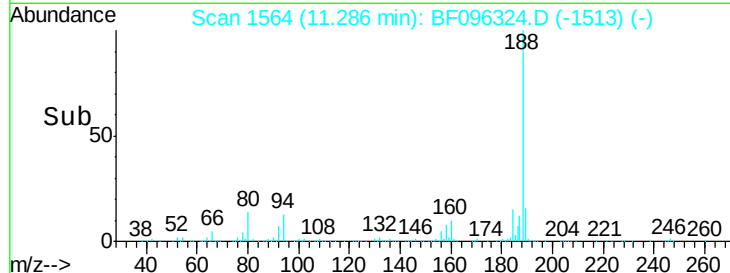
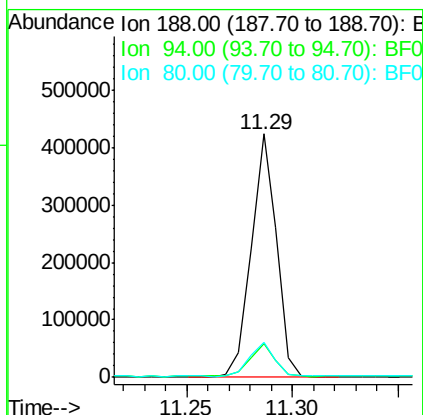
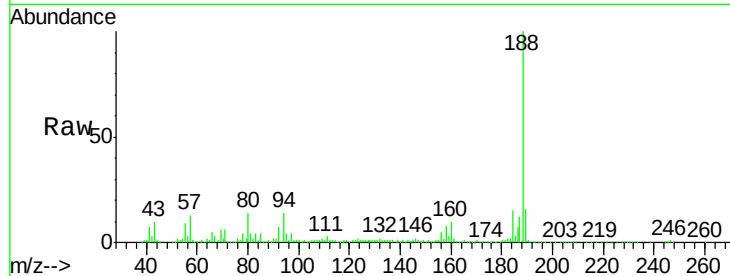




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

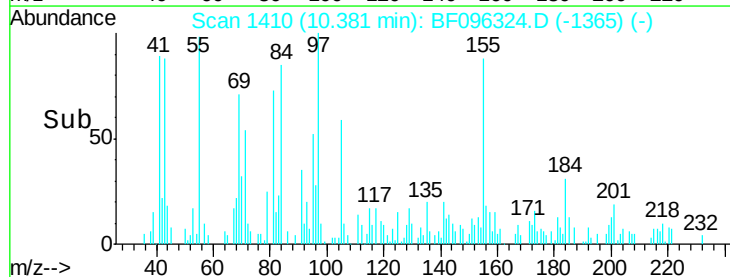
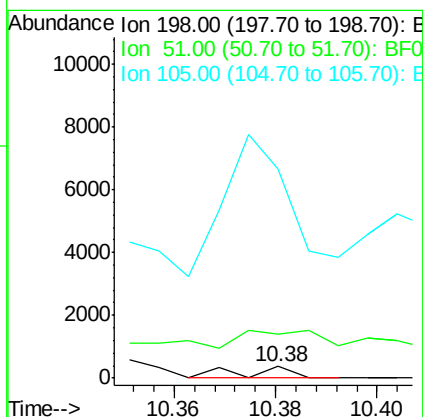
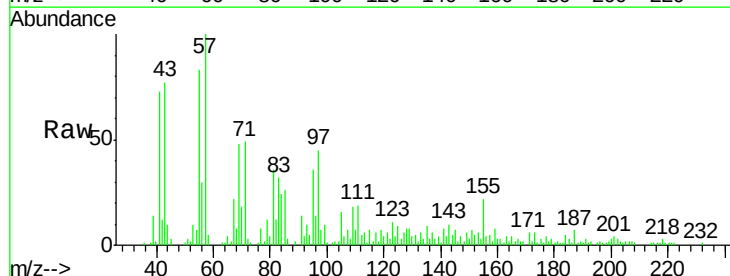
Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-1

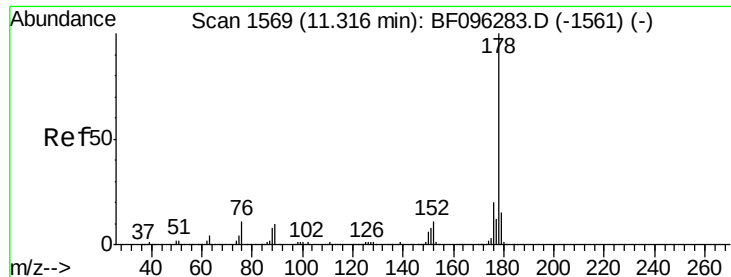
Tgt Ion:188 Resp: 349819
Ion Ratio Lower Upper
188 100
94 13.9 9.4 14.2
80 14.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.861 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.03 min
Lab File: BF096324.D
Acq: 30 Jun 2017 9:09

Tgt Ion:198 Resp: 249
Ion Ratio Lower Upper
198 100
51 381.7 53.2 93.2#
105 1786.3 45.8 85.8#





#70

Phenanthrene

Concen: Below Cal

RT: 11.31 min Scan# 1568

Delta R.T. -0.02 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-1

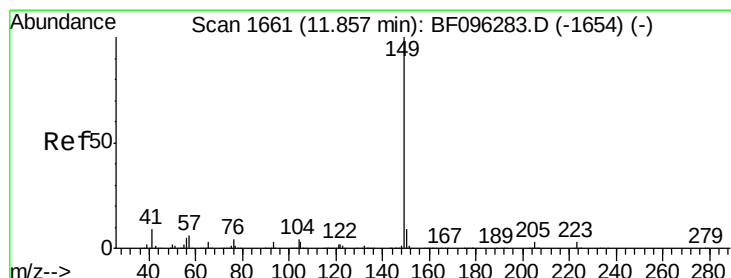
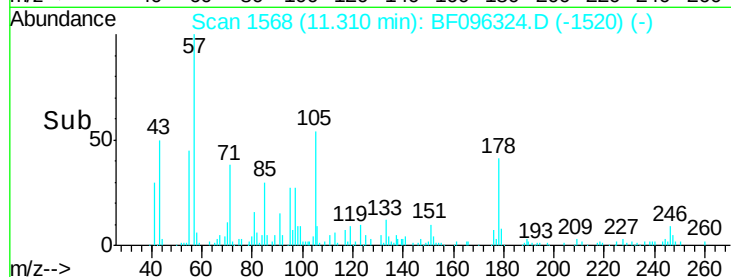
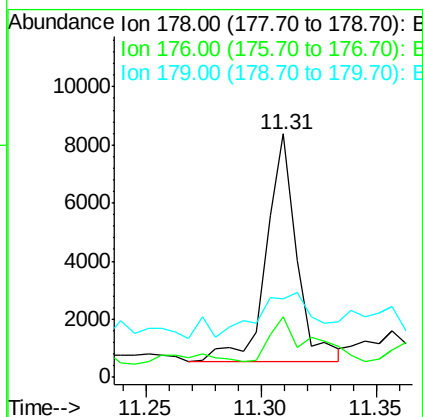
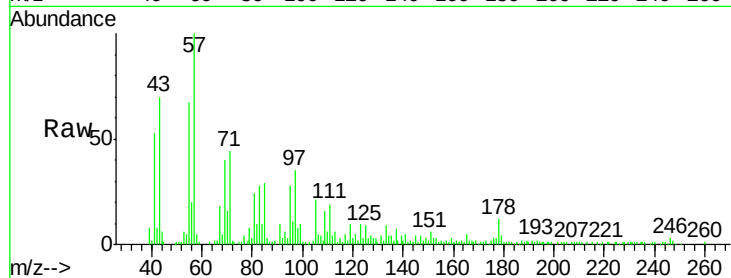
Tgt Ion:178 Resp: 7227

Ion Ratio Lower Upper

178 100

176 24.7 16.2 24.4#

179 32.2 12.6 19.0#



#73

Di-n-butylphthalate

Concen: 3.356 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

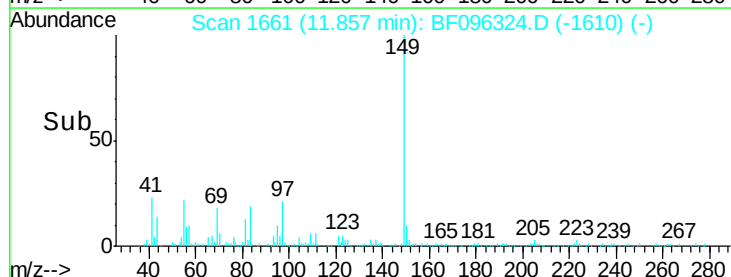
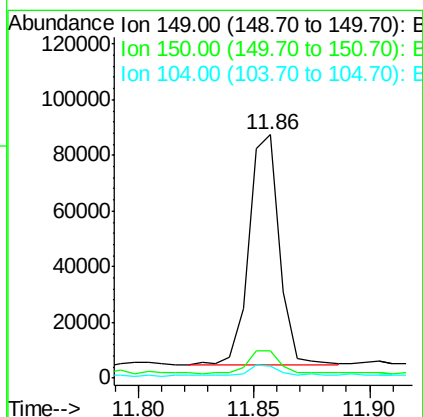
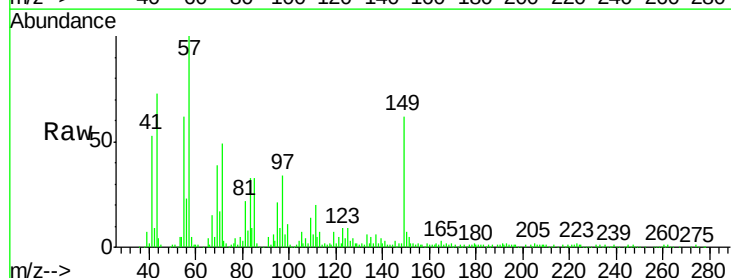
Tgt Ion:149 Resp: 76480

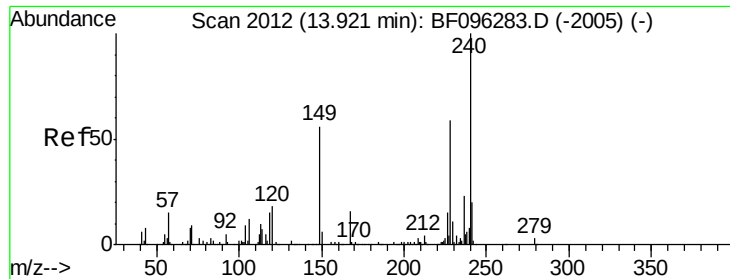
Ion Ratio Lower Upper

149 100

150 11.3 7.7 11.5

104 5.0 4.0 6.0





#75

Chrysene-d12

Concen: 20.000 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

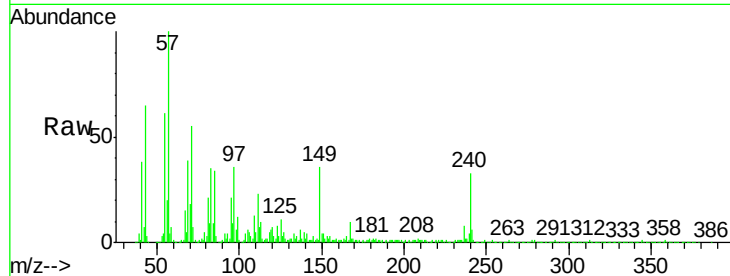
Tgt Ion:240 Resp: 155374

Ion Ratio Lower Upper

240 100

120 20.1 5.8 8.8#

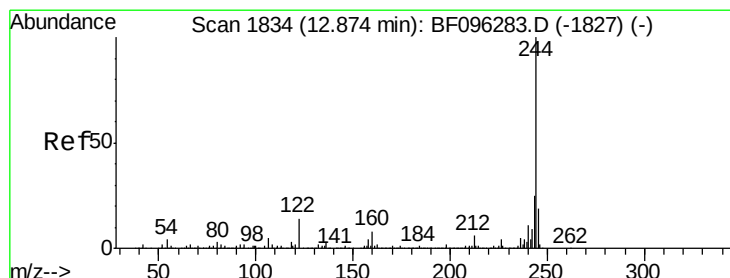
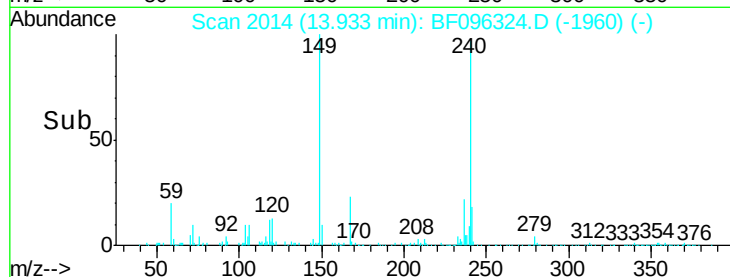
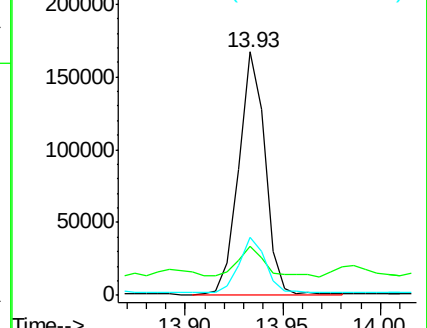
236 23.7 20.5 30.7



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: 90.631 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096324.D

Acq: 30 Jun 2017 9:09

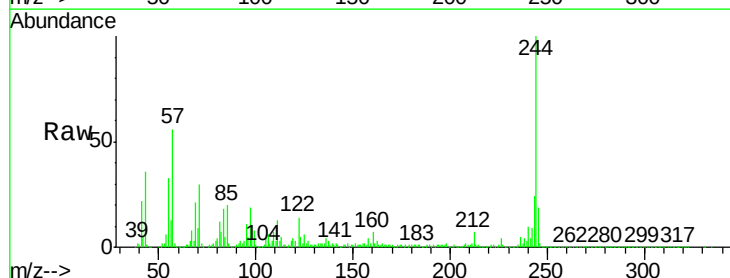
Tgt Ion:244 Resp: 564332

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

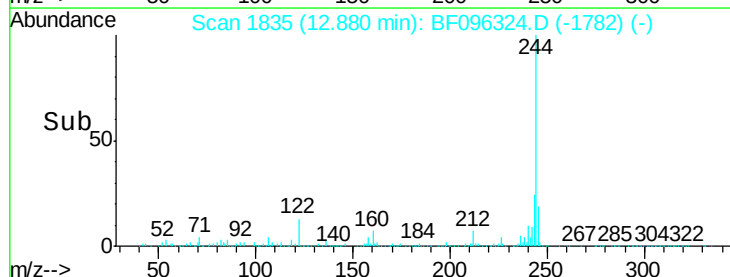
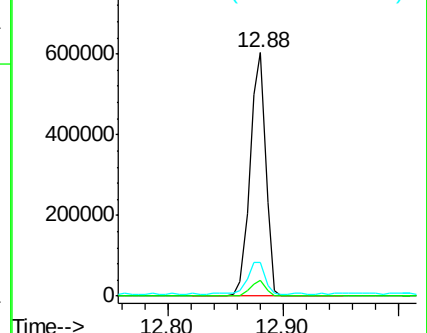
122 14.0 10.3 15.5

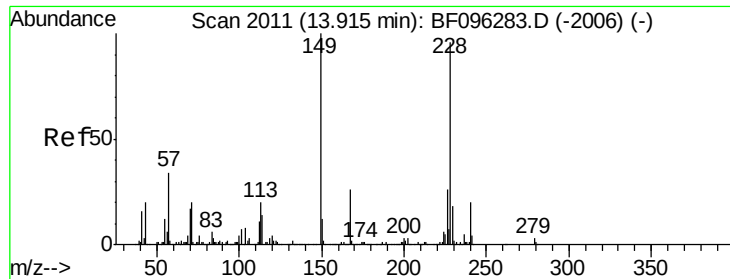


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

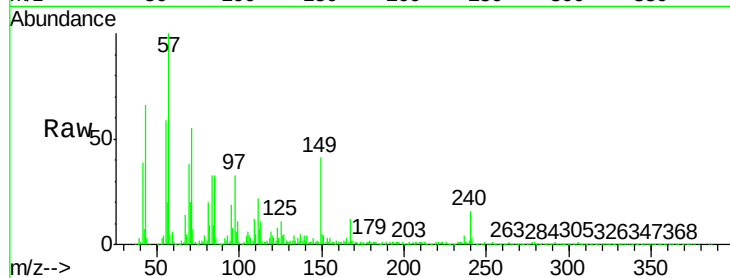




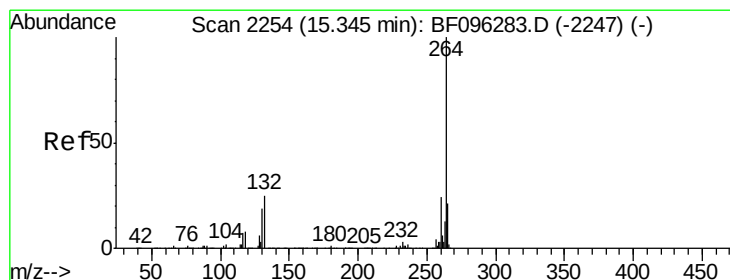
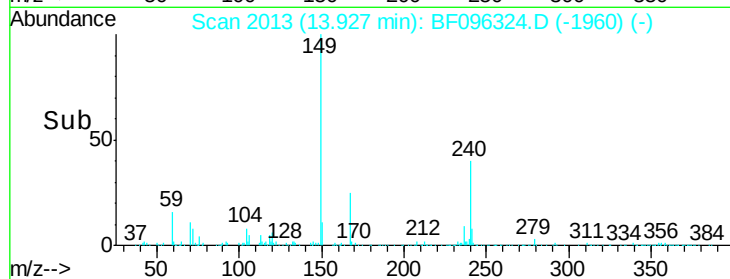
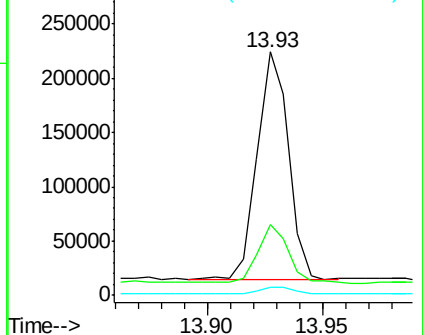
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.209 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF096324.D
 Acq: 30 Jun 2017 9:09

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

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

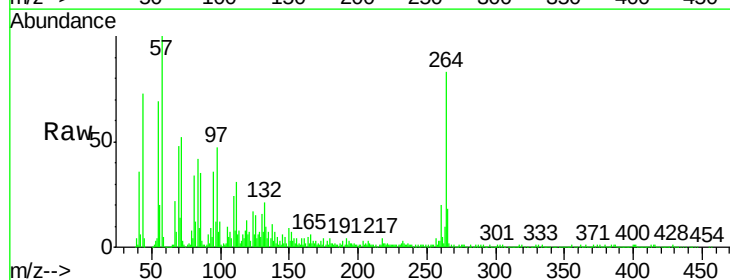


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 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

