

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096325.D
 Acq On : 30 Jun 2017 9:37
 Operator : SJ/MA
 Sample : I3941-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-STONE-COMP-2

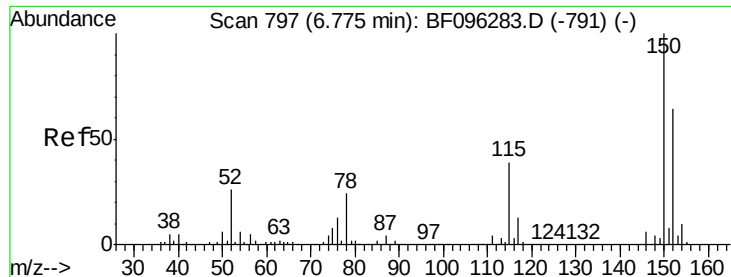
Quant Time: Jun 30 17:40:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	130318	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	549968	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	225120	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	348612	20.00	ng	0.00
75) Chrysene-d12	13.93	240	194276	20.00	ng	0.01
86) Perylene-d12	15.36	264	232609	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1012470	111.93	ng	0.00
7) Phenol-d6	6.40	99	1268017	115.77	ng	0.01
23) Nitrobenzene-d5	7.33	82	723645	91.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	261905	147.83	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1156680	94.10	ng	-0.02
78) Terphenyl-d14	12.87	244	688479	88.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	1908	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	95405	14.539	ng	88
25) Isophorone	7.33	82	723509	40.100	ng	67
27) 2,4-Dimethylphenol	7.76	122	24988	3.065	ng	5
32) Benzoic acid	7.76	122	24988	12.325	ng	93
49) Dimethylphthalate	9.52	163	175253	10.878	ng	98
57) Fluorene	10.35	166	2720	Below Cal	#	68
60) 4-Chlorophenyl-phenylether	10.36	204	442	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	10.59	198	415	8.936	ng	1
66) 4-Bromophenyl-phenylether	10.59	248	14094	3.929	ng	1
70) Phenanthrene	11.31	178	7498	Below Cal	#	69
83) Bis(2-ethylhexyl)phthalate	13.92	149	130216	16.377	ng	95

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

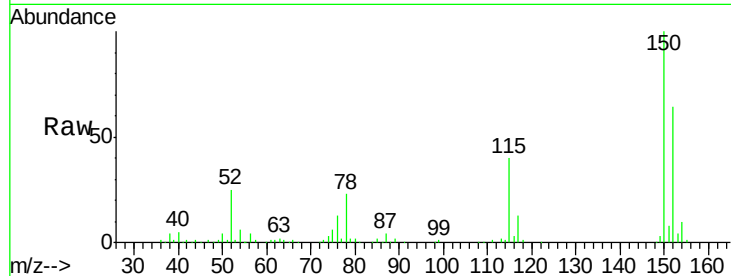


#1

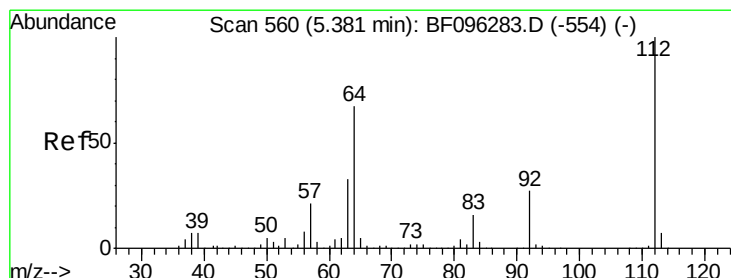
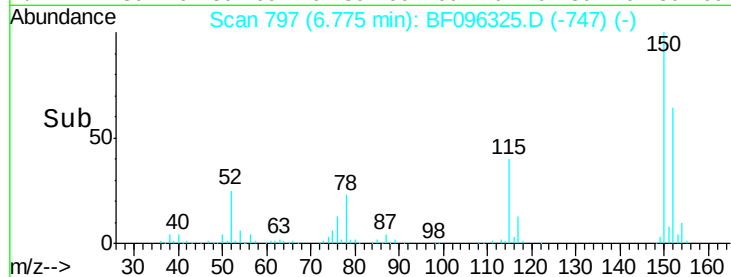
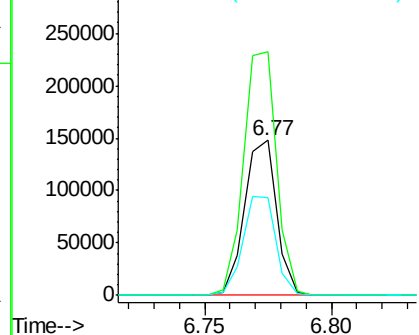
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096325.D
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BNA_F
ClientSampleId :
LSS-STONE-COMP-2

Tgt Ion:152 Resp: 130318
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 62.7 52.2 78.2



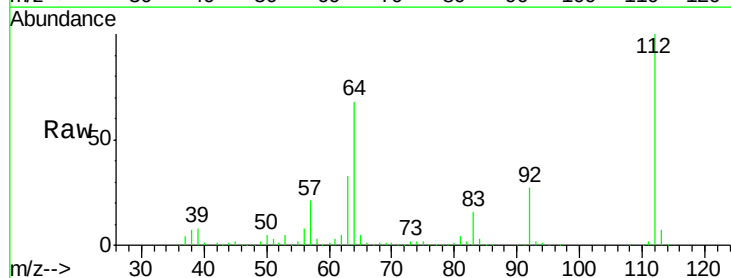
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



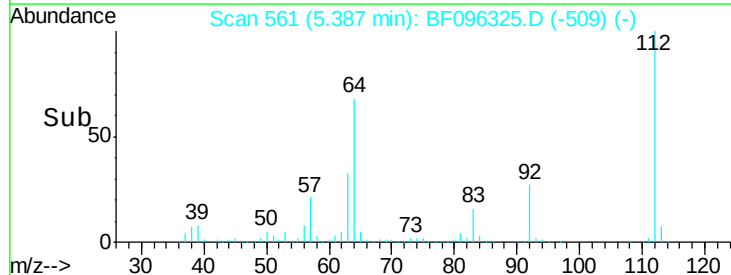
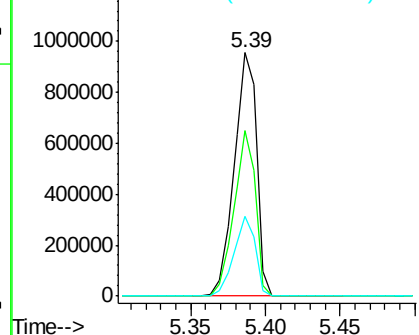
#5

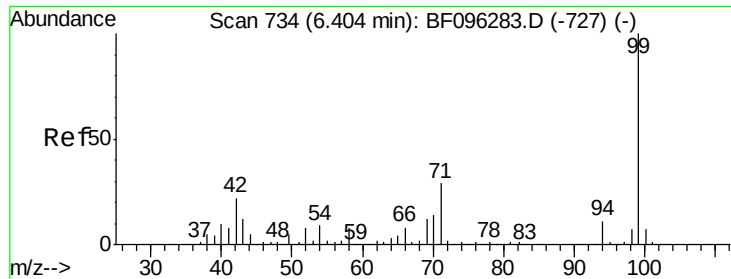
2-Fluorophenol
Concen: 111.930 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Tgt Ion:112 Resp: 1012470
Ion Ratio Lower Upper
112 100
64 67.8 46.0 69.0
63 32.6 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: 115.768 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-2

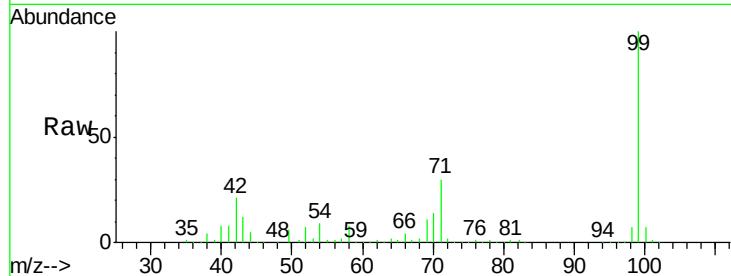
Tgt Ion: 99 Resp: 1268017

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

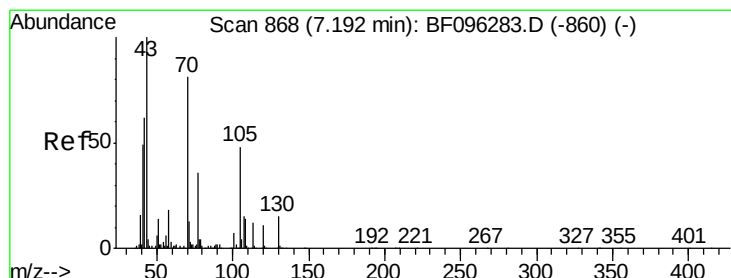
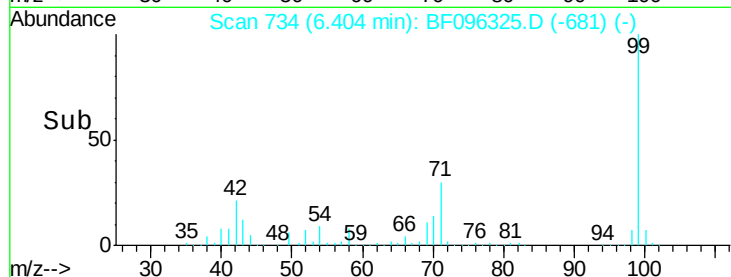
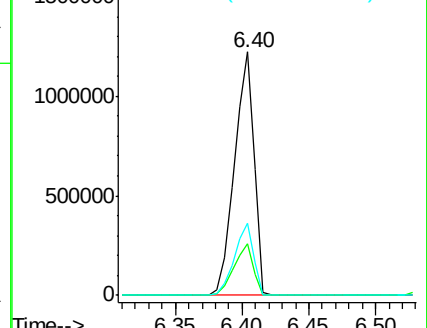
71 29.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.539 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Tgt Ion: 70 Resp: 95405

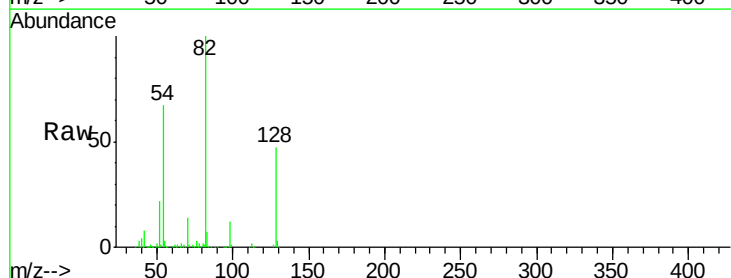
Ion Ratio Lower Upper

70 100

42 58.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

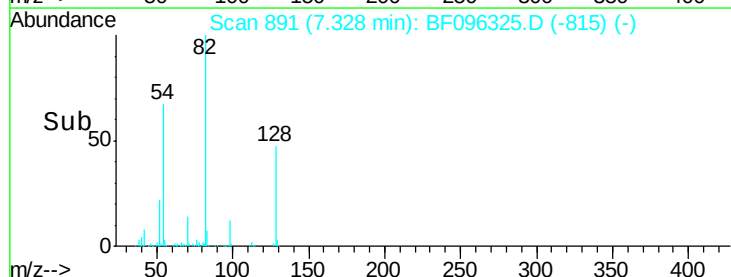
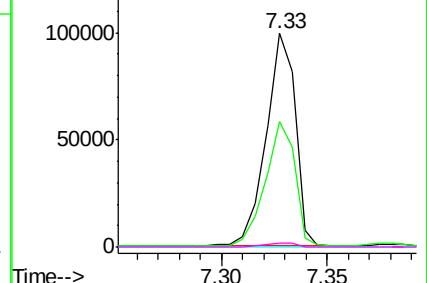


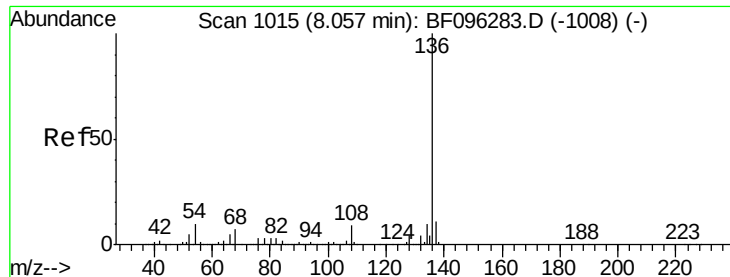
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

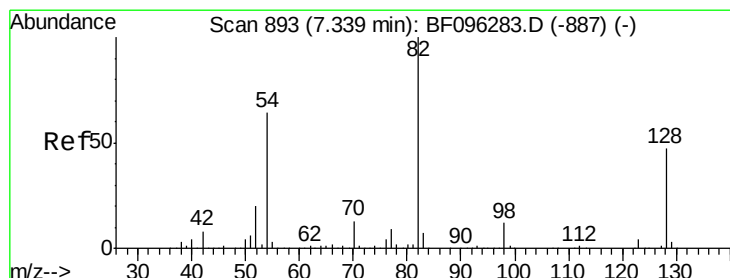
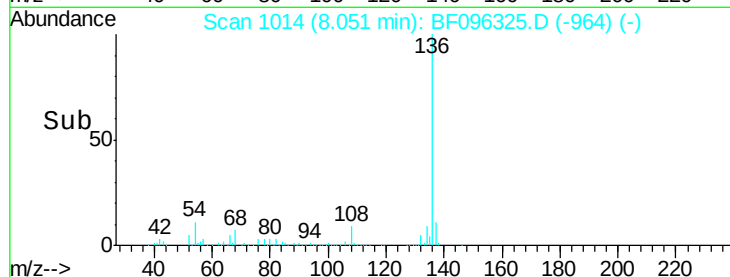
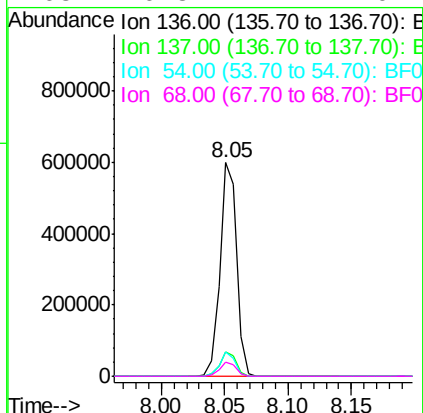
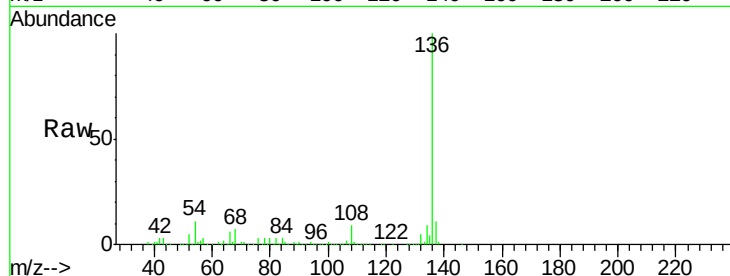




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

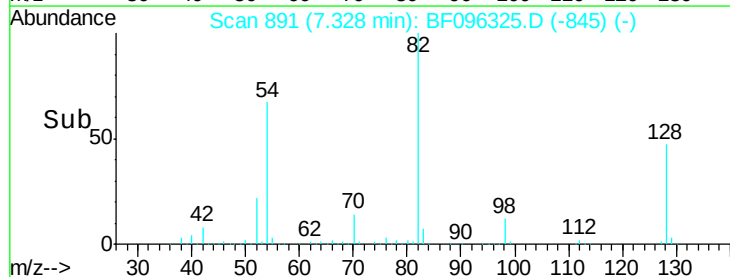
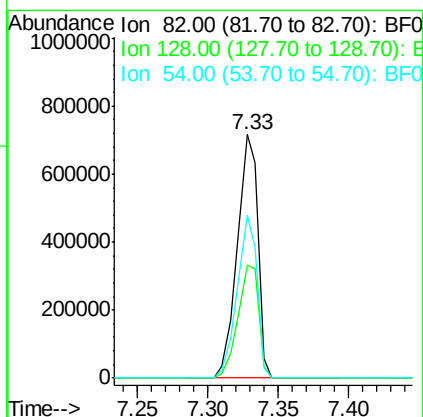
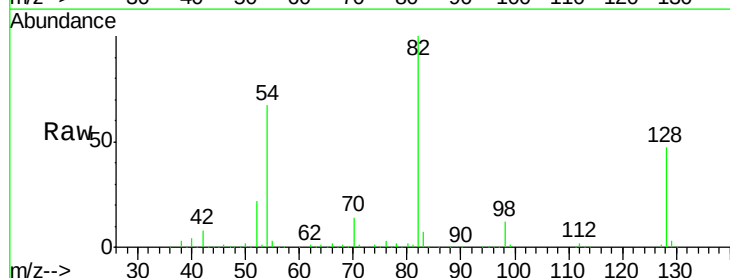
Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-2

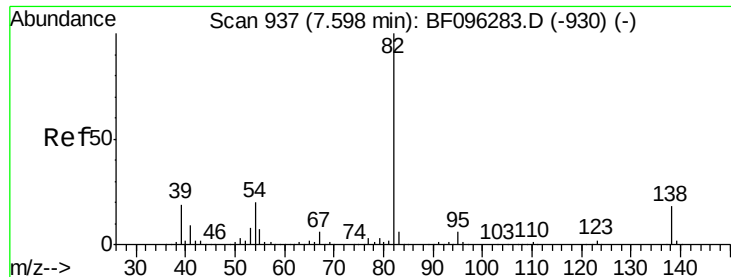
Tgt Ion:	136	Resp:	549968
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.2	4.9	7.3#
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 91.086 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Tgt Ion:	82	Resp:	723645
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	66.7	42.2	63.2#





#25

Isophorone

Concen: 40.100 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-2

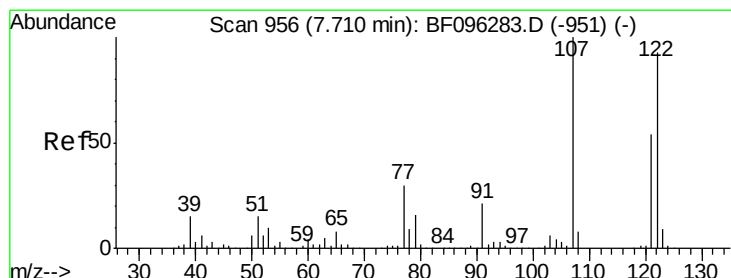
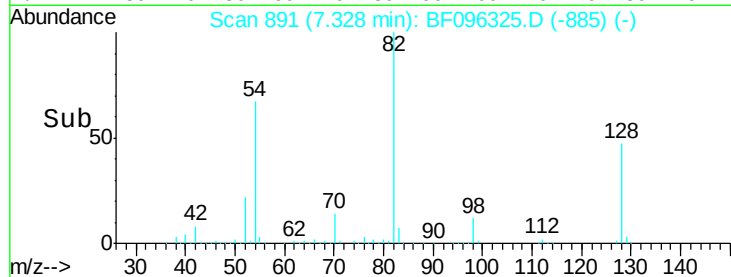
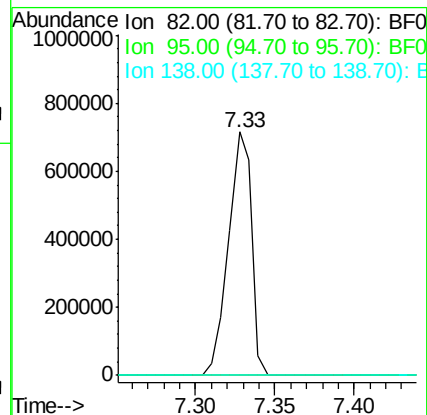
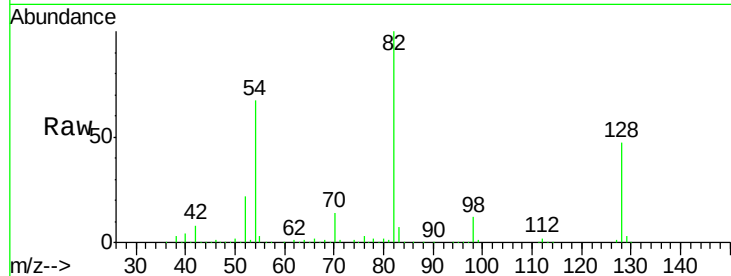
Tgt Ion: 82 Resp: 723509

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#27

2,4-Dimethylphenol

Concen: 3.065 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.05 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

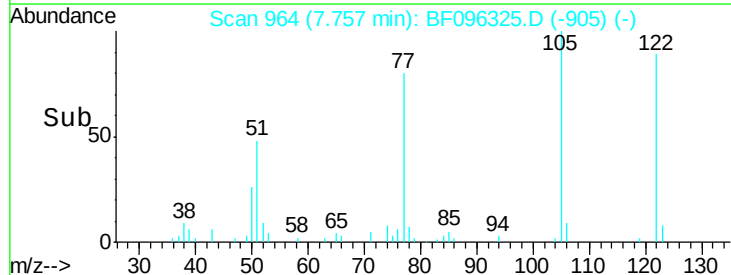
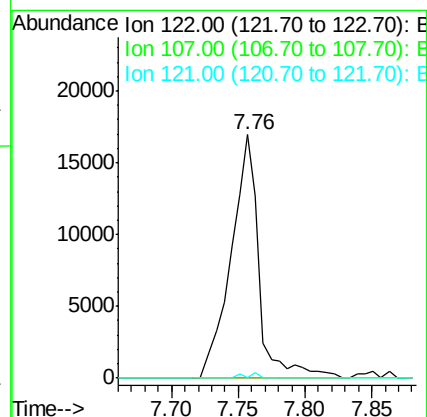
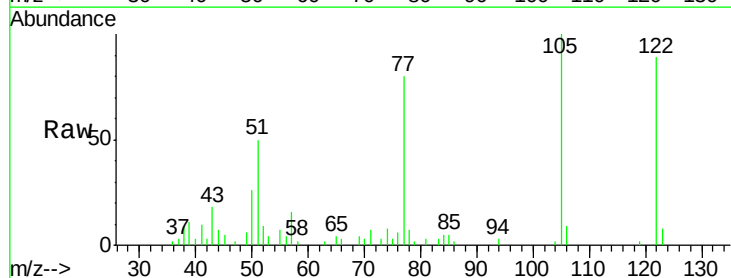
Tgt Ion: 122 Resp: 24988

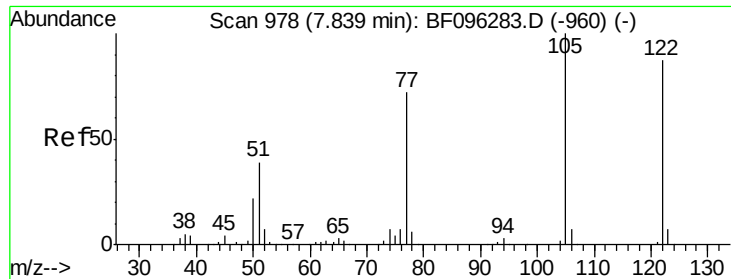
Ion Ratio Lower Upper

122 100

107 0.0 89.2 133.8#

121 0.0 45.2 67.8#

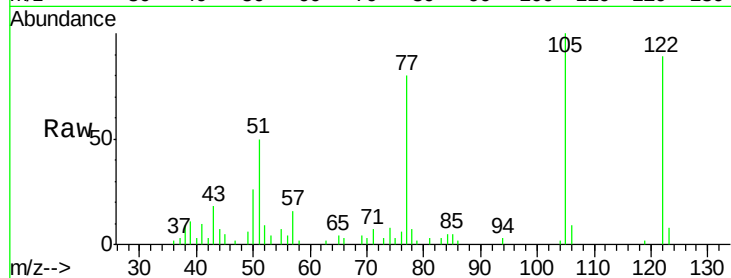




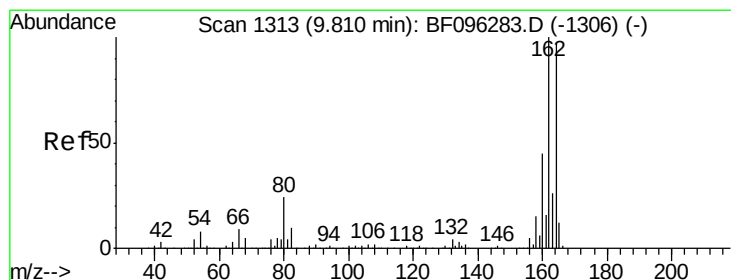
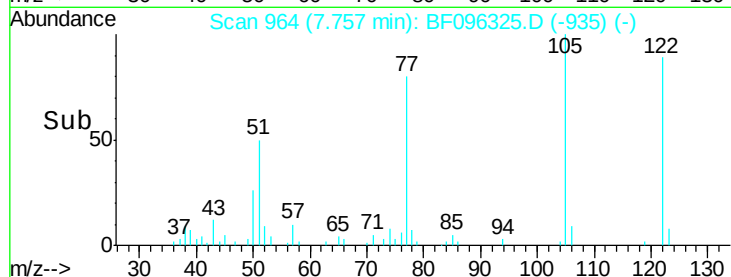
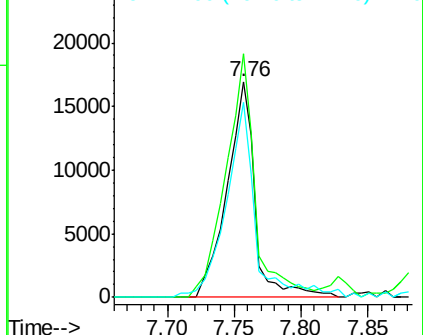
#32
Benzoic acid
Concen: 12.325 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.13 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-2

Tgt Ion:122 Resp: 24988
Ion Ratio Lower Upper
122 100
105 112.8 103.3 143.3
77 90.3 73.7 113.7

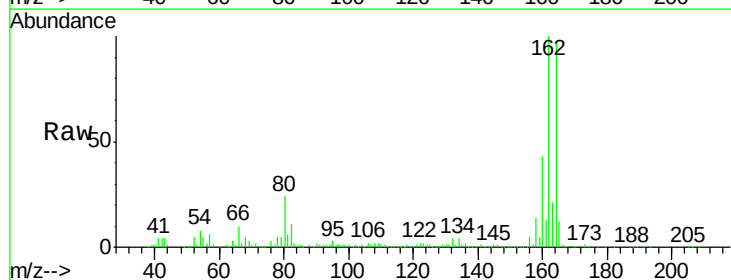


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

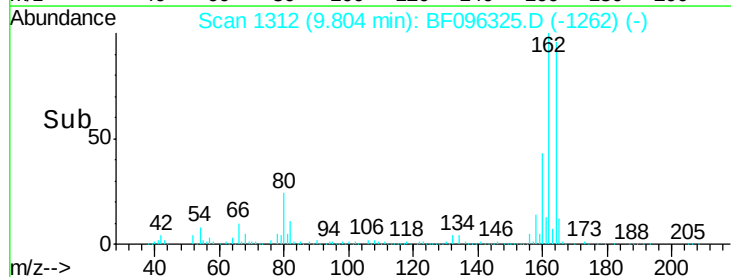
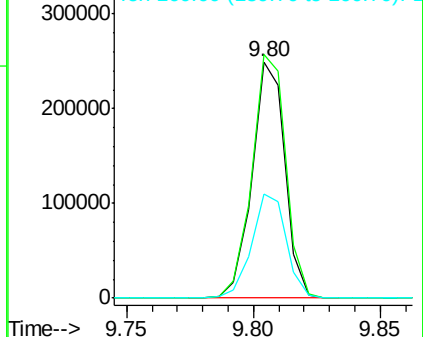


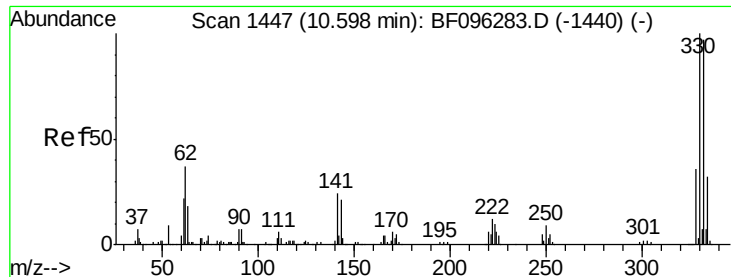
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Tgt Ion:164 Resp: 225120
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 44.2 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: 147.830 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-2

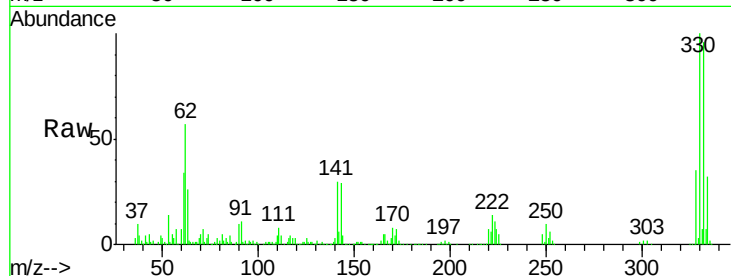
Tgt Ion:330 Resp: 261905

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

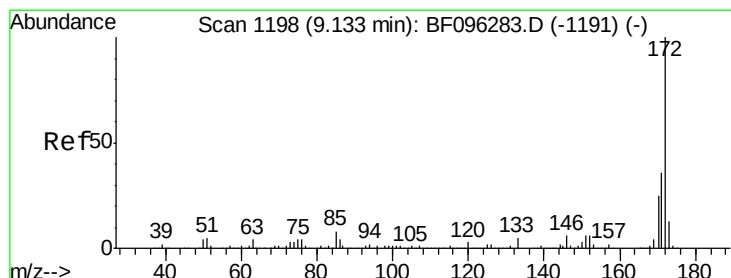
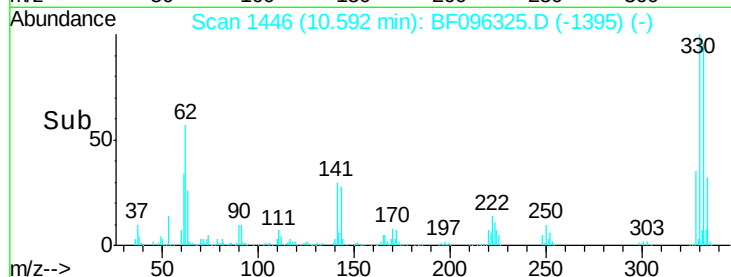
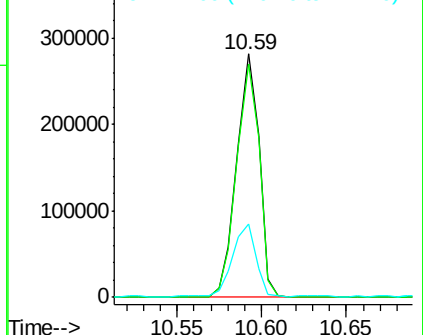
141 30.6 31.4 47.2#



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: 94.096 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

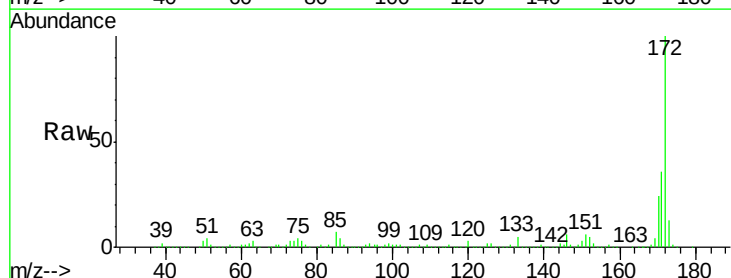
Tgt Ion:172 Resp: 1156680

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

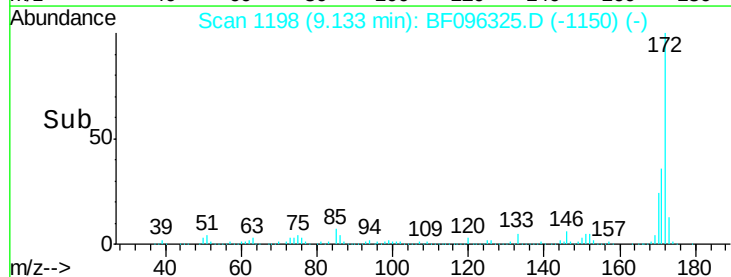
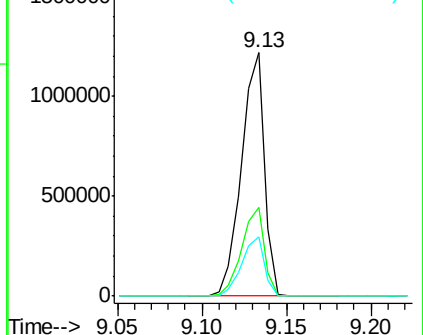
170 24.1 19.8 29.8

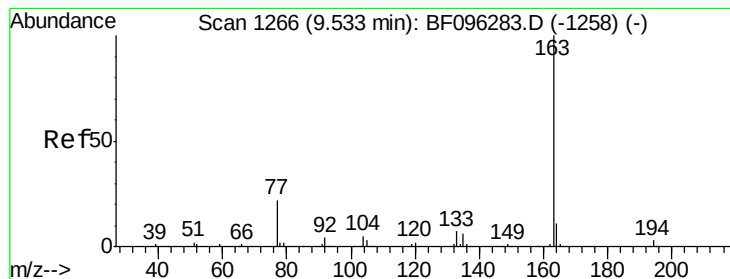


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.878 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-2

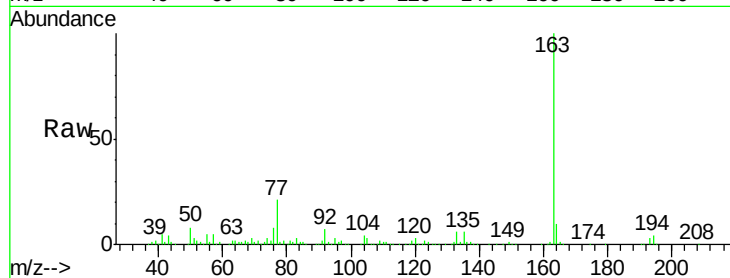
Tgt Ion:163 Resp: 175253

Ion Ratio Lower Upper

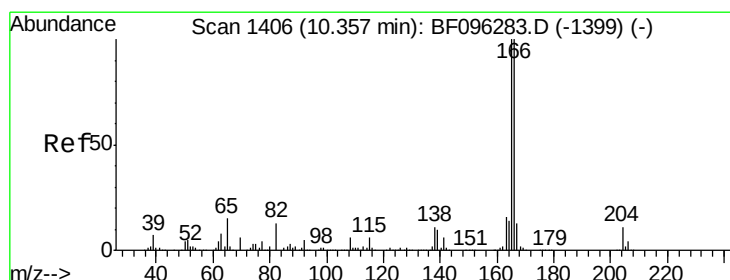
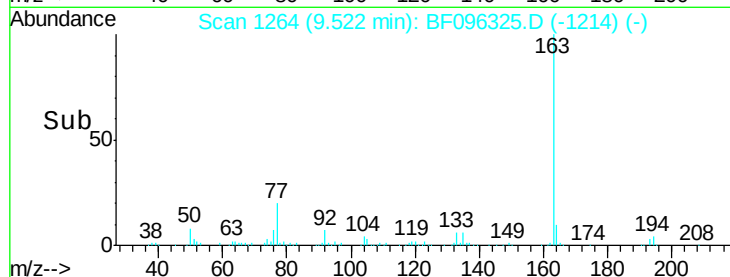
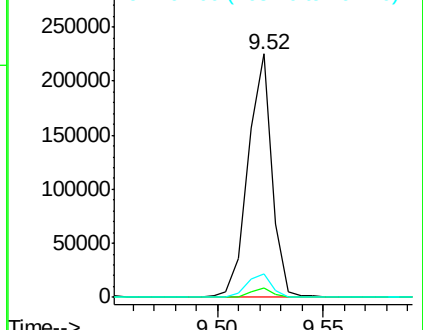
163 100

194 3.7 2.6 4.0

164 9.7 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



#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

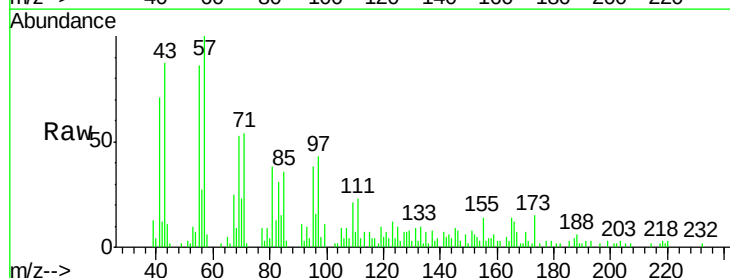
Tgt Ion:166 Resp: 2720

Ion Ratio Lower Upper

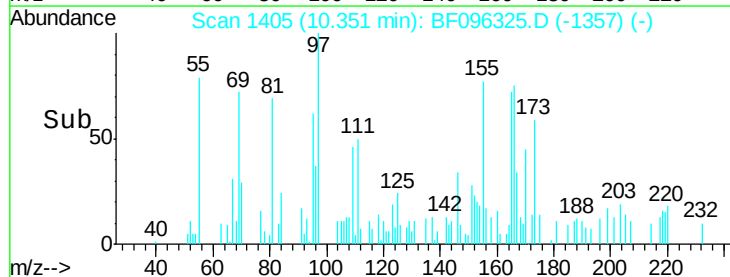
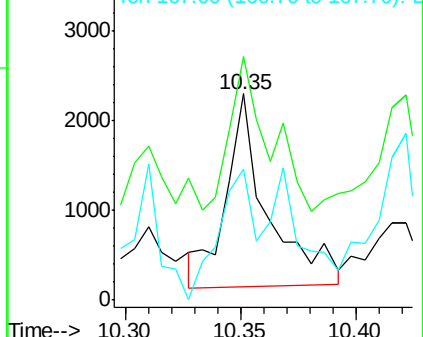
166 100

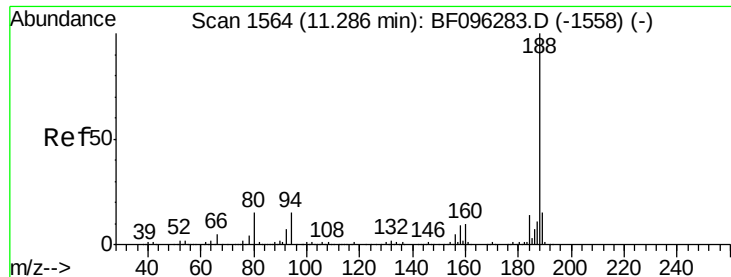
165 118.0 78.8 118.2

167 63.2 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

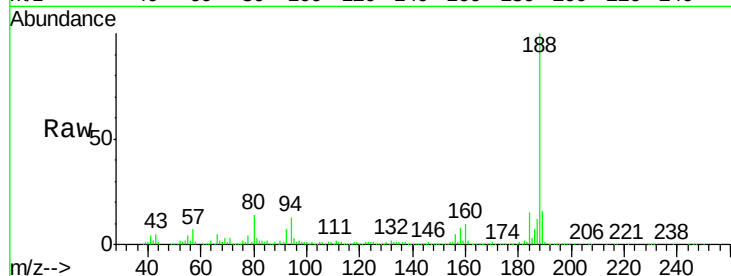




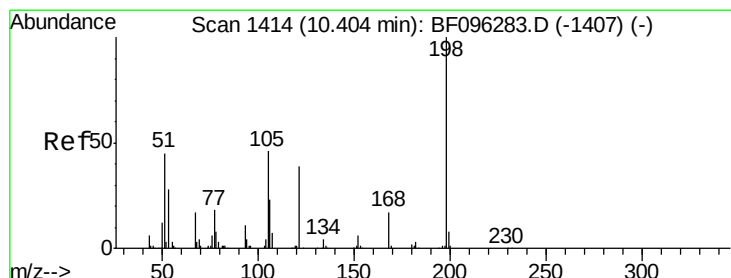
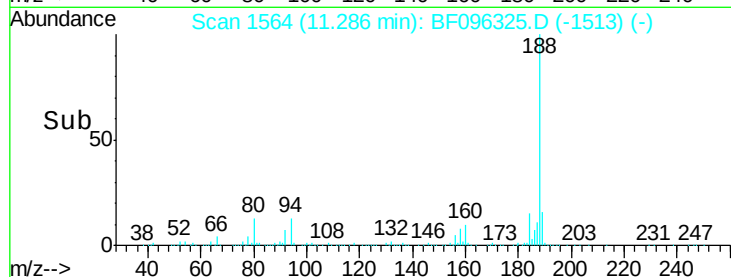
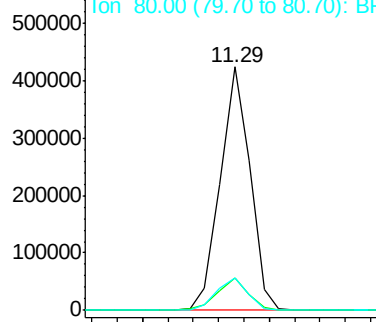
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-2

Tgt Ion:188 Resp: 348612
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 13.5 10.2 15.2

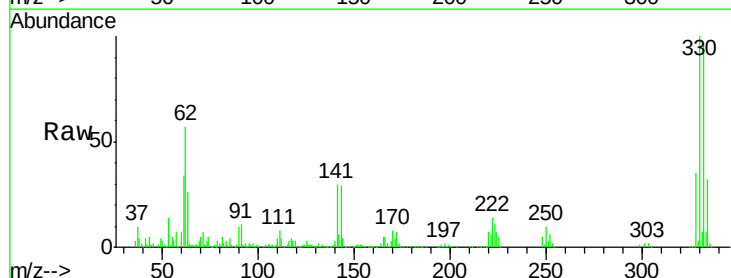


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

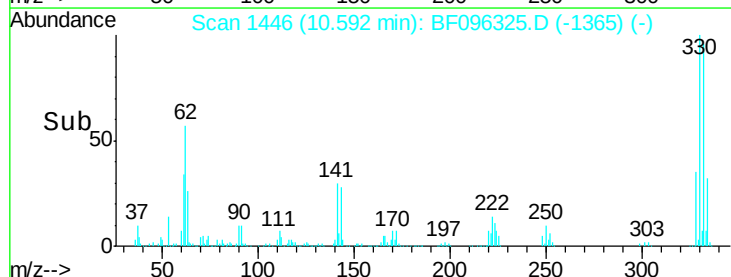
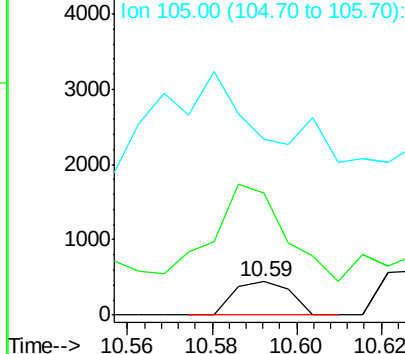


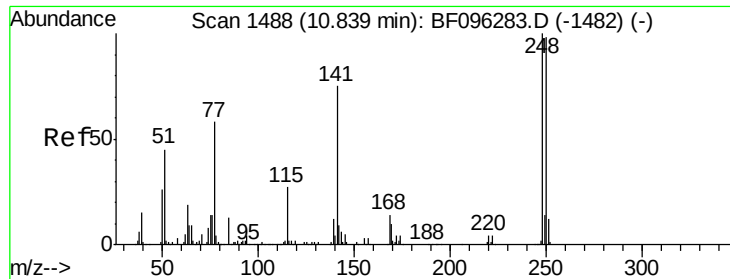
#64
4,6-Dinitro-2-methylphenol
Concen: 8.936 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 366.7 53.2 93.2#
105 531.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

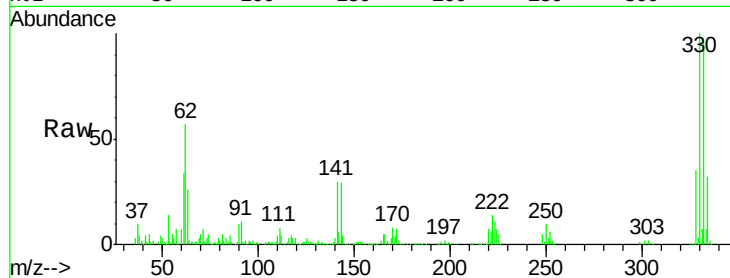




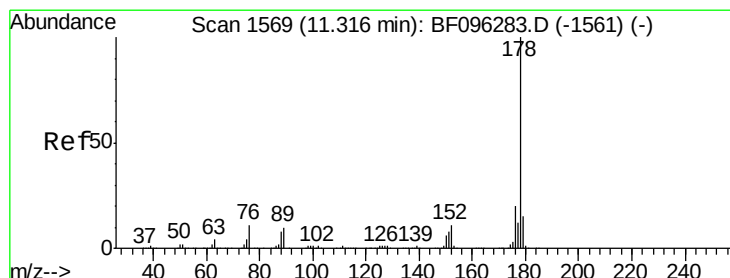
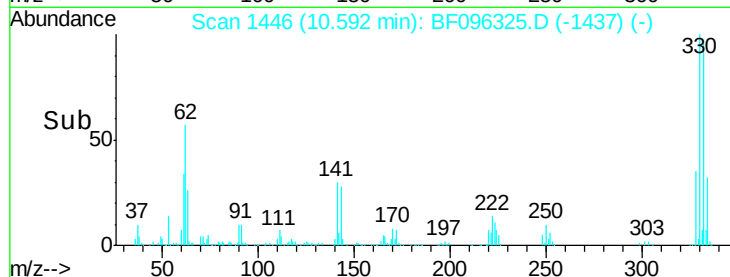
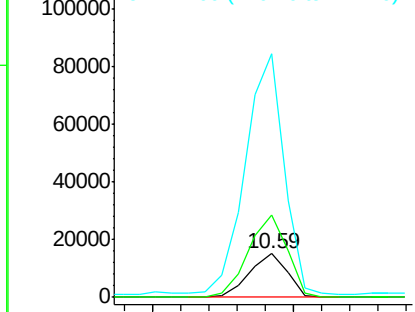
#66
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.25 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Instrument :
BNA_F
ClientSampleId :
LSS-STONE-COMP-2

Tgt Ion:248 Resp: 14094
Ion Ratio Lower Upper
248 100
250 189.4 76.8 115.2#
141 559.7 68.6 103.0#

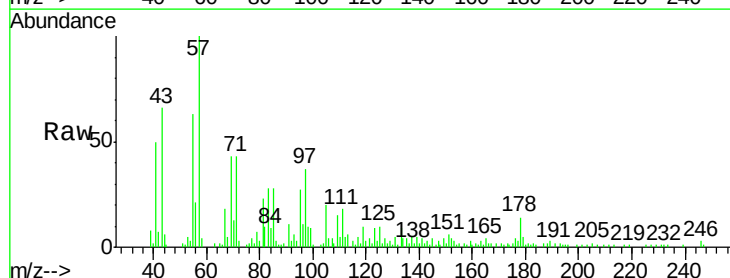


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

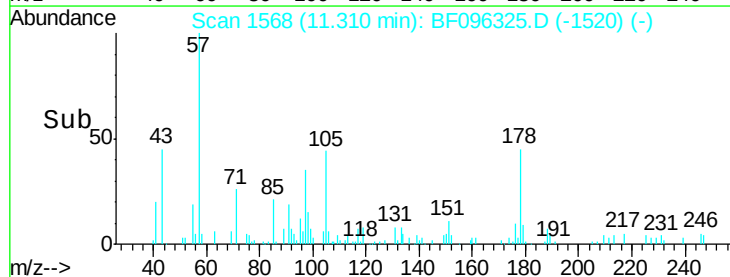
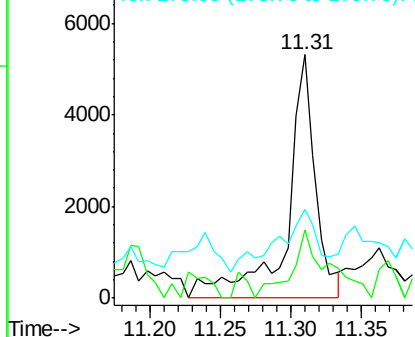


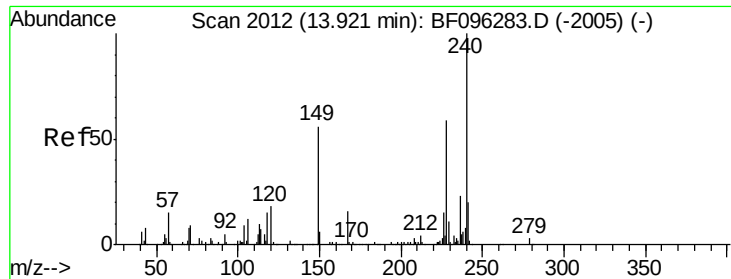
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096325.D
Acq: 30 Jun 2017 9:37

Tgt Ion:178 Resp: 7498
Ion Ratio Lower Upper
178 100
176 28.1 16.2 24.4#
179 36.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

Instrument :

BNA_F

ClientSampleId :

LSS-STONE-COMP-2

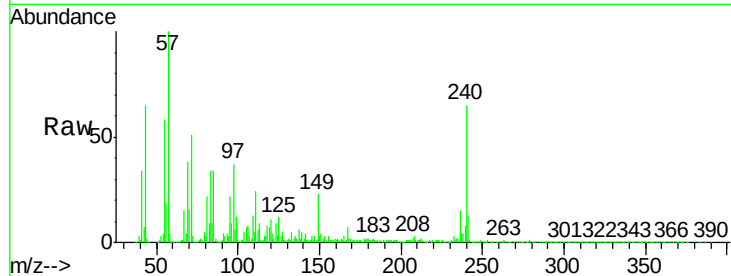
Tgt Ion:240 Resp: 194276

Ion Ratio Lower Upper

240 100

120 17.7 5.8 8.8#

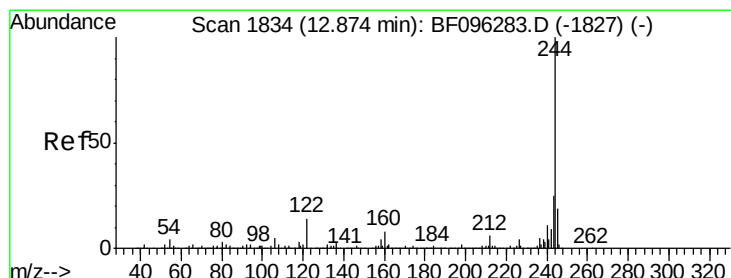
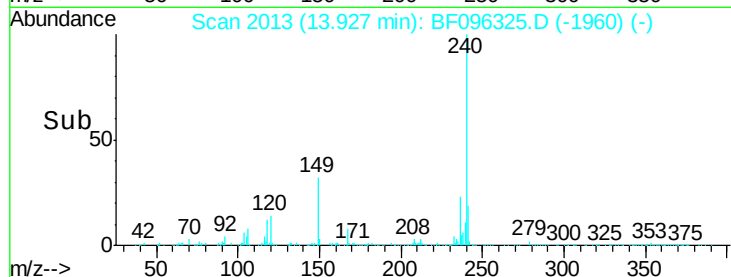
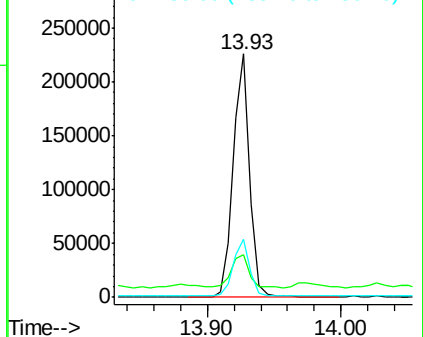
236 23.7 20.5 30.7



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: 88.428 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096325.D

Acq: 30 Jun 2017 9:37

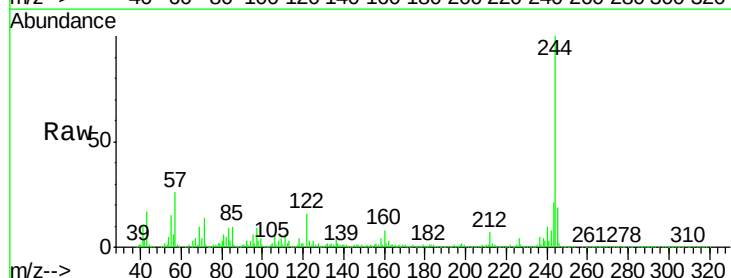
Tgt Ion:244 Resp: 688479

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

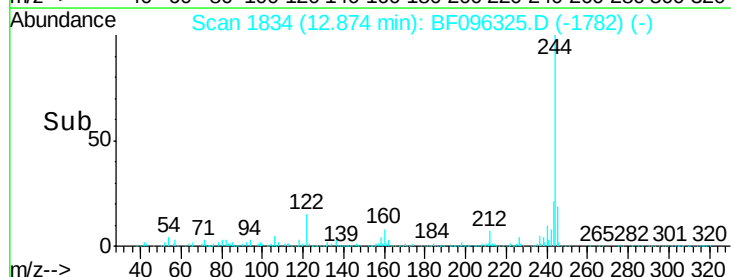
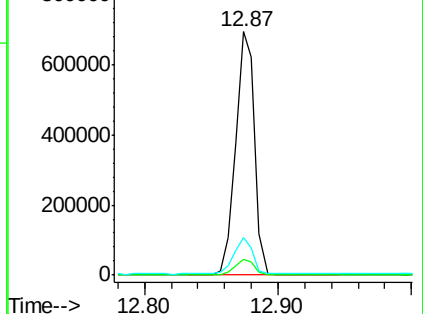
122 15.5 10.3 15.5#

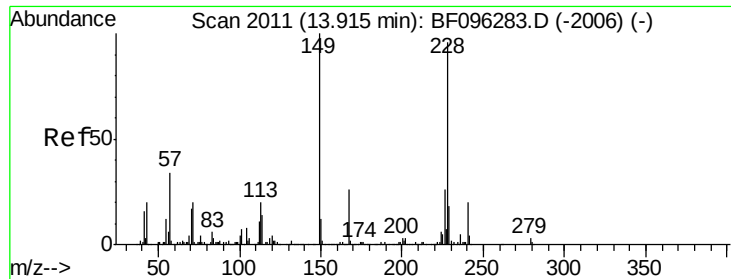


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

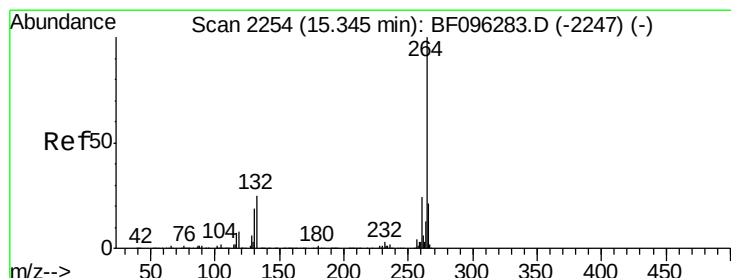
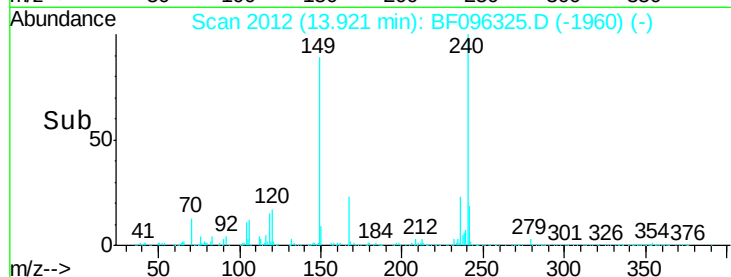
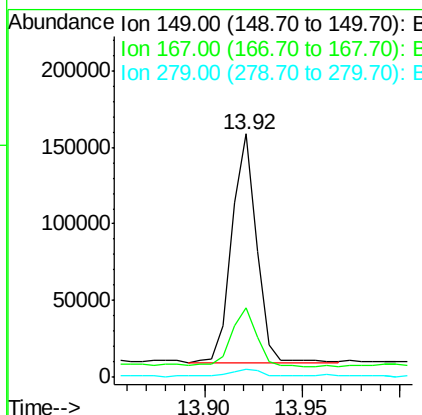
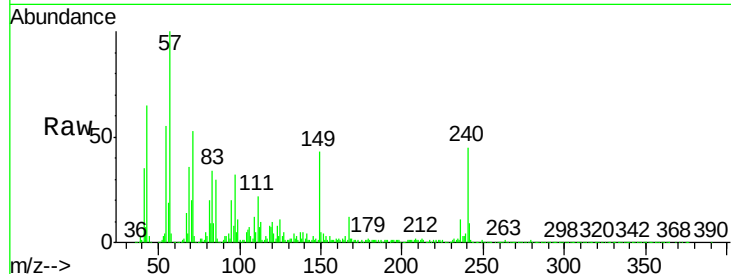




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.377 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF096325.D
 Acq: 30 Jun 2017 9:37

Instrument :
 BNA_F
 ClientSampleId :
 LSS-STONE-COMP-2

Tgt Ion:149 Resp: 130216
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.0 31.4
 279 3.3 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. 0.02 min
 Lab File: BF096325.D
 Acq: 30 Jun 2017 9:37

Tgt Ion:264 Resp: 232609
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.4 17.2 25.8

