

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096341.D
 Acq On : 30 Jun 2017 17:04
 Operator : SJ/MA
 Sample : I3882-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Quant Time: Jun 30 17:44:36 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

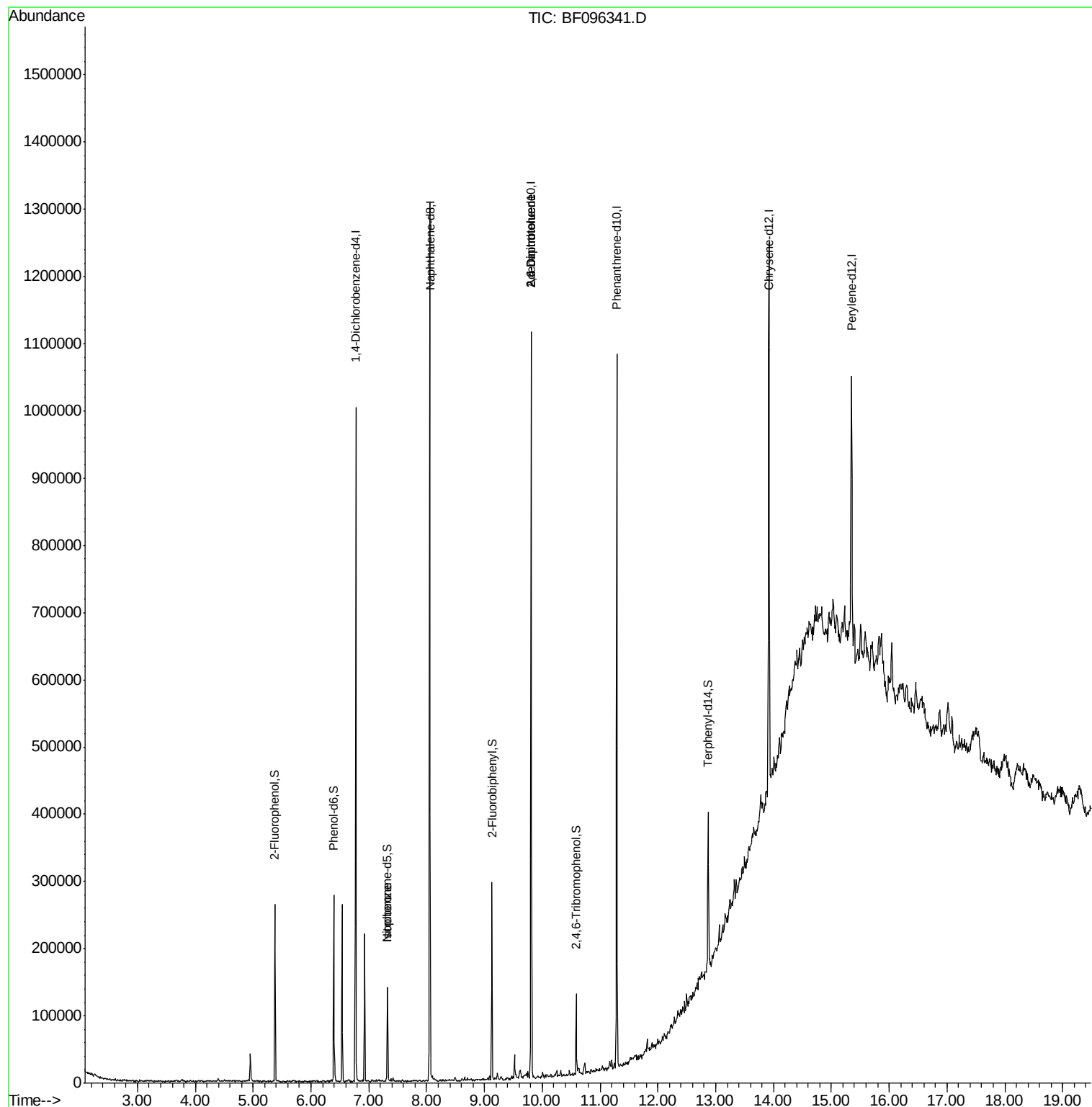
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	142078	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	571270	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	220953	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	343596	20.00	ng	0.00
75) Chrysene-d12	13.92	240	270746	20.00	ng	0.00
86) Perylene-d12	15.35	264	184727	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	66110	6.70	ng	0.00
7) Phenol-d6	6.39	99	82743	6.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	40301	4.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	13235	7.61	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	79271	6.57	ng	-0.02
78) Terphenyl-d14	12.87	244	60411	5.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	114	Below Cal	#	1
25) Isophorone	7.32	82	40300	2.150 ng	#	67
50) 2,6-Dinitrotoluene	9.81	165	28202	8.574 ng	#	34
56) 2,4-Dinitrotoluene	9.81	165	28202	6.803 ng	#	34
57) Fluorene	10.35	166	367	Below Cal	#	89
70) Phenanthrene	11.31	178	2847	Below Cal	#	78

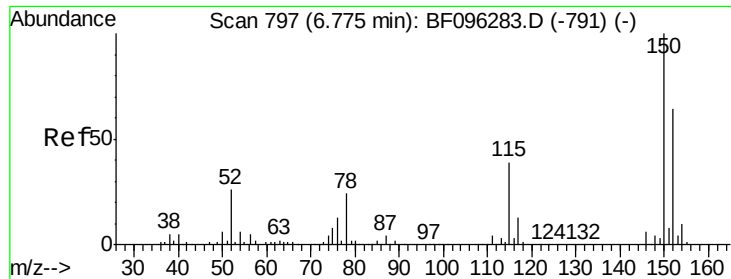
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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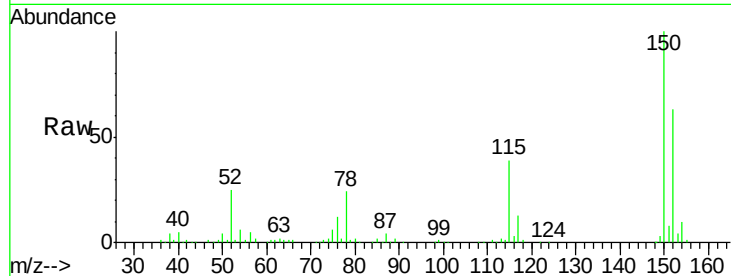


#1

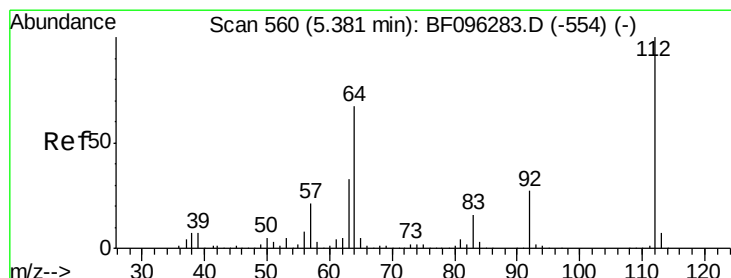
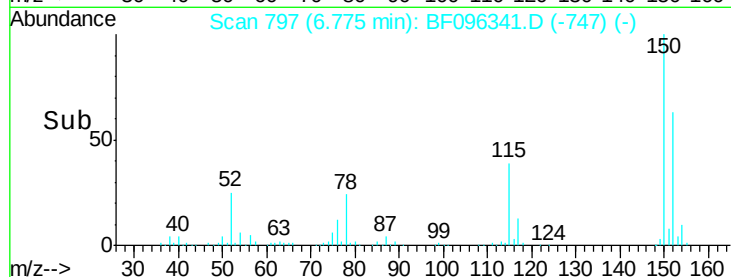
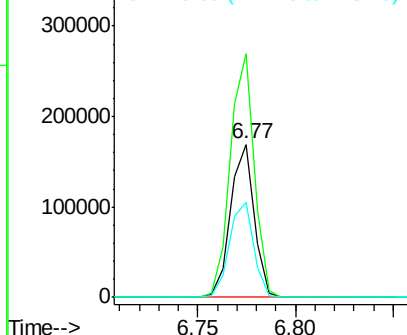
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

Tgt Ion:152 Resp: 142078
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 62.4 52.2 78.2



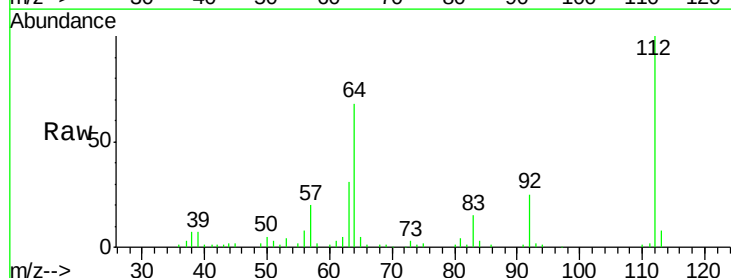
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



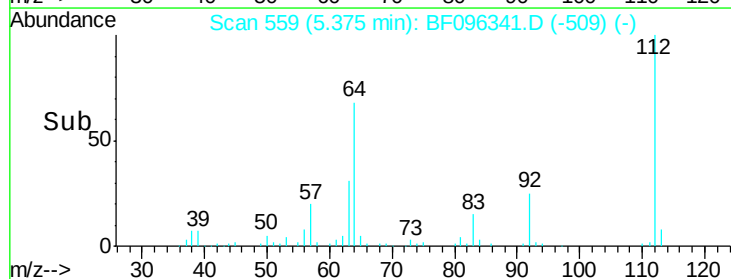
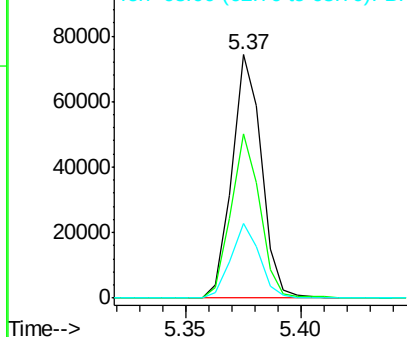
#5

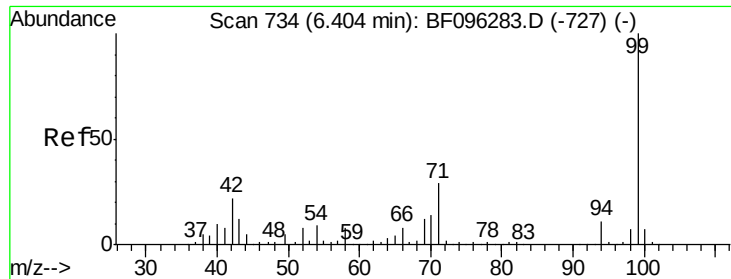
2-Fluorophenol
Concen: 6.704 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Tgt Ion:112 Resp: 66110
Ion Ratio Lower Upper
112 100
64 67.5 46.0 69.0
63 30.6 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: 6.929 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

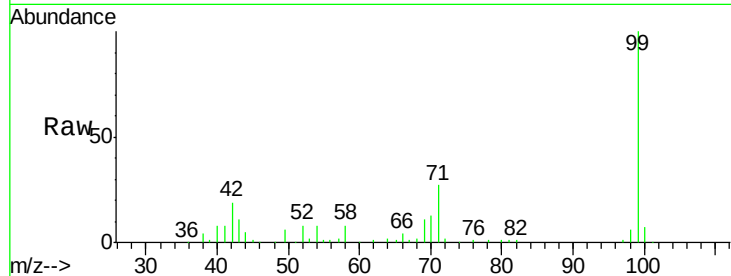
Tgt Ion: 99 Resp: 82743

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

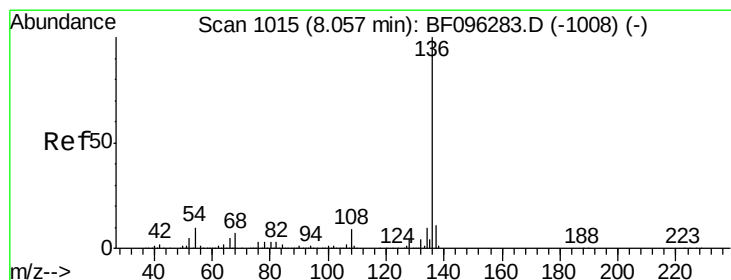
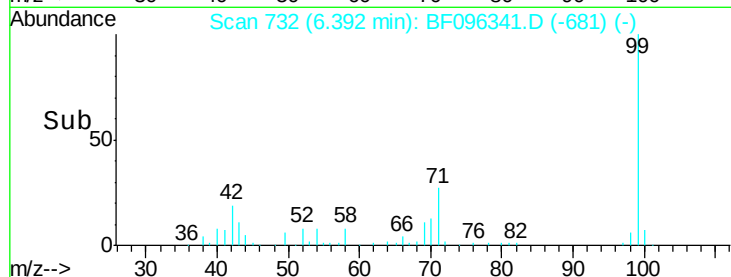
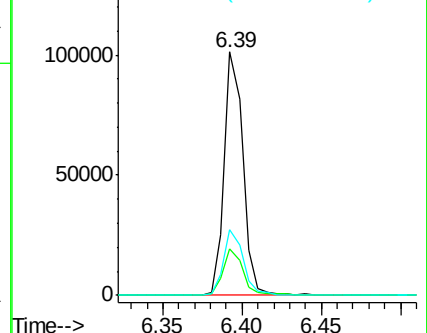
71 27.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Tgt Ion: 136 Resp: 571270

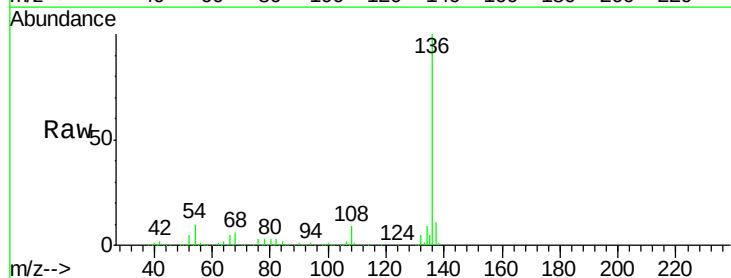
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.2 4.9 7.3#

68 6.2 4.1 6.1#

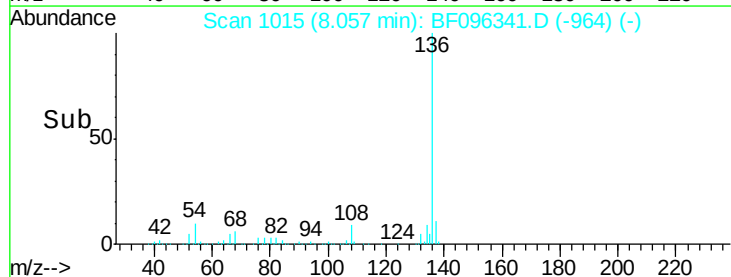
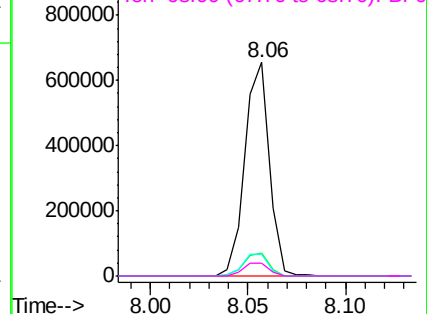


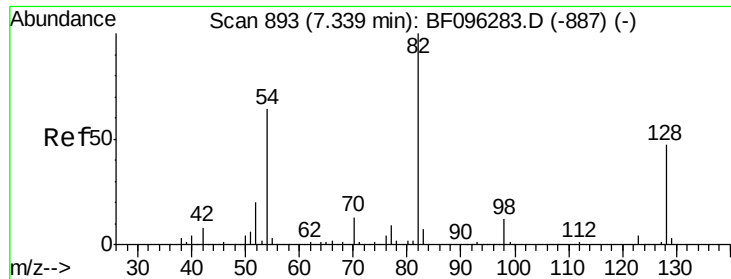
Abundance Ion 136.00 (135.70 to 136.70): E

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

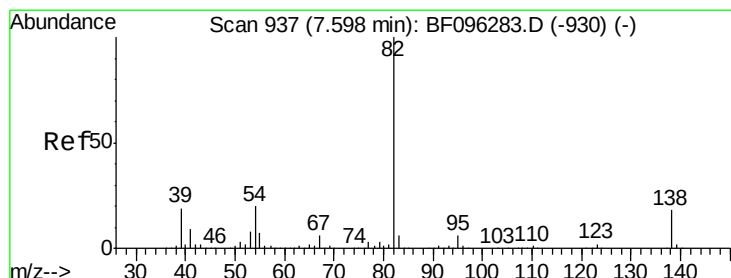
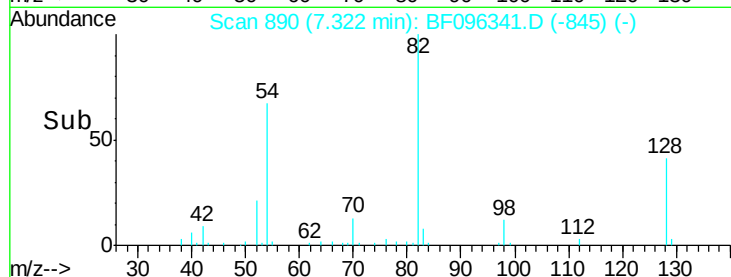
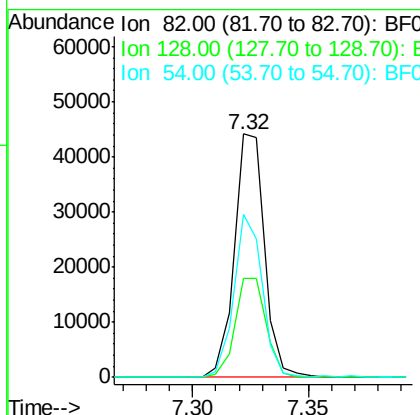
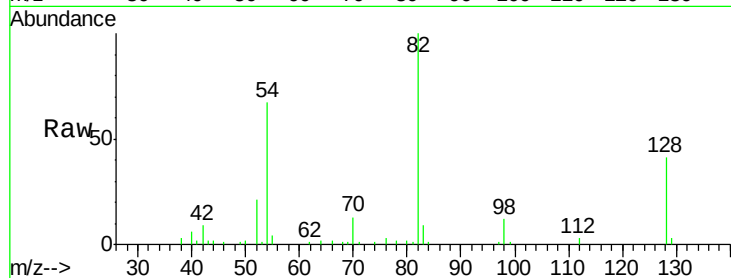




#23
Nitrobenzene-d5
Concen: 4.884 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

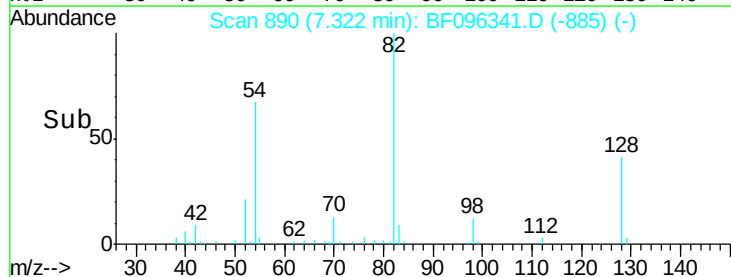
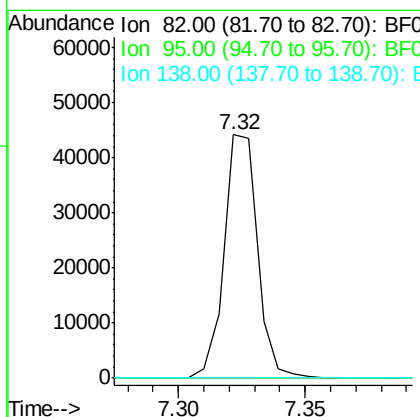
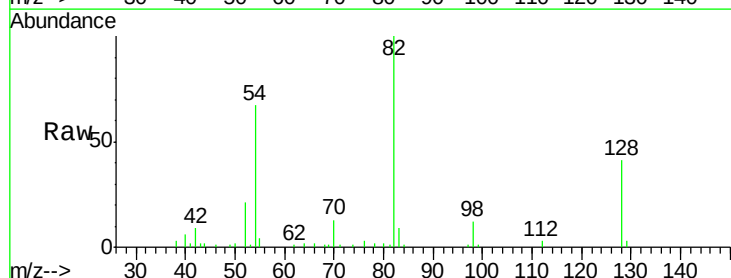
Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

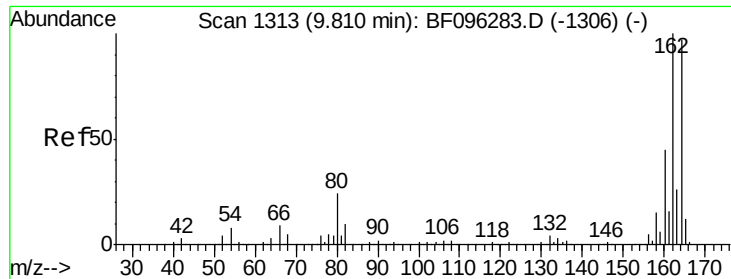
Tgt Ion: 82 Resp: 40301
Ion Ratio Lower Upper
82 100
128 40.8 34.0 51.0
54 67.0 42.2 63.2#



#25
Isophorone
Concen: 2.150 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Tgt Ion: 82 Resp: 40300
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

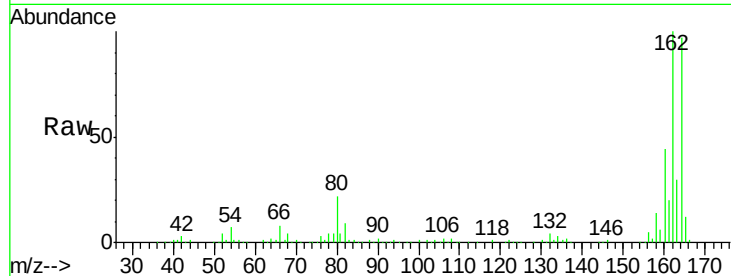




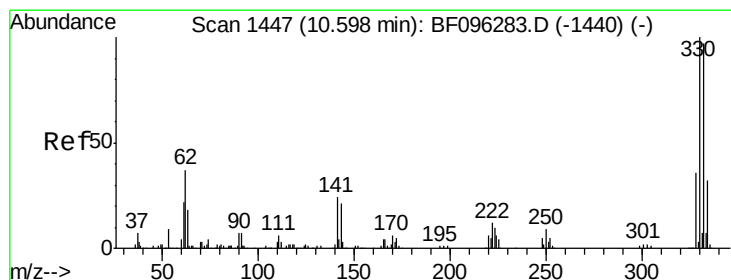
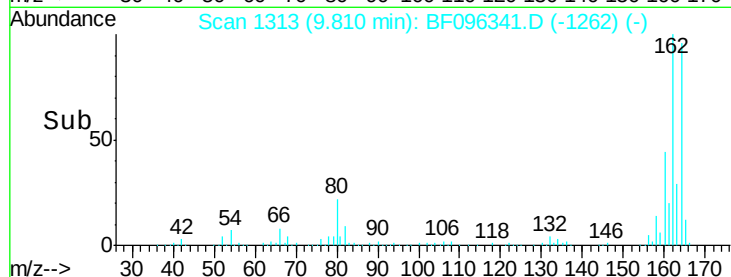
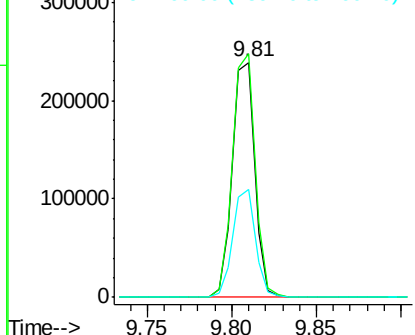
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Tgt Ion:164 Resp: 220953
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.9 36.2 54.2

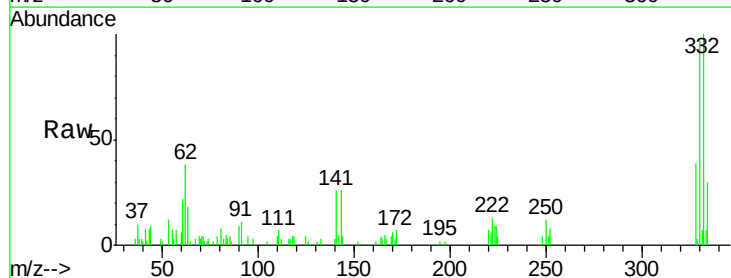


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

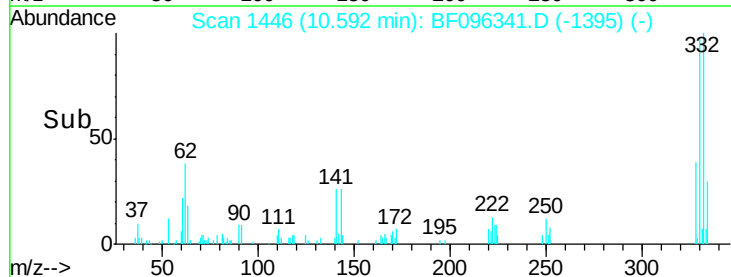
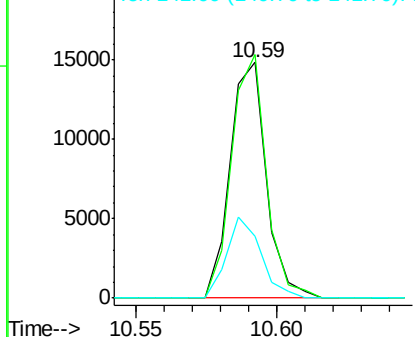


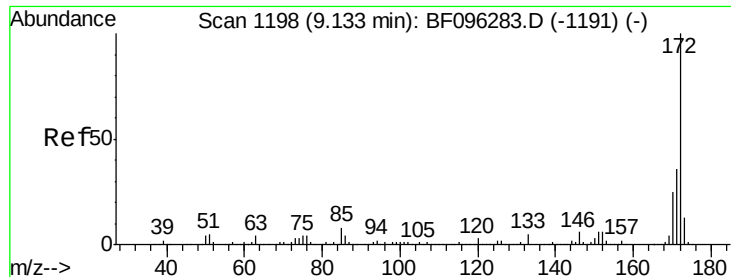
#41
 2,4,6-Tribromophenol
 Concen: 7.611 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

Tgt Ion:330 Resp: 13235
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 115.0
 141 32.5 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

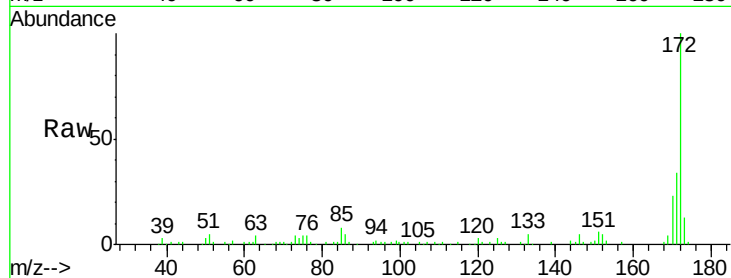




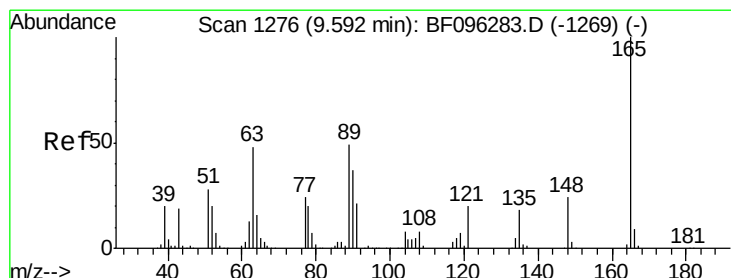
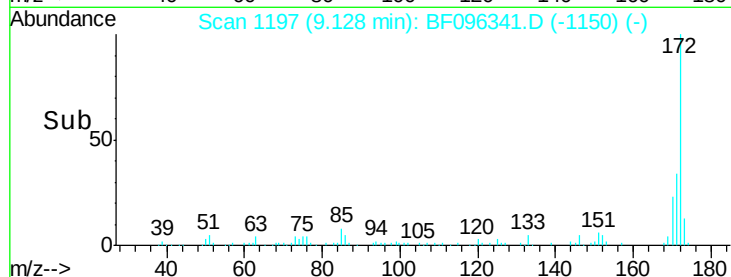
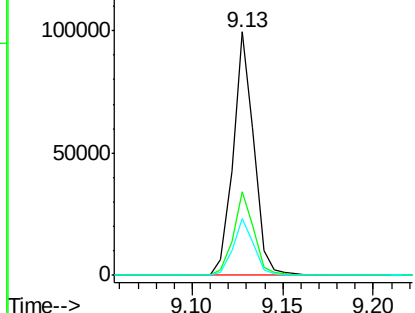
#44
 2-Fluorobiphenyl
 Concen: 6.570 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :
 G51-1.5-3

Tgt Ion:172 Resp: 79271
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.6 44.4
 170 23.3 19.8 29.8

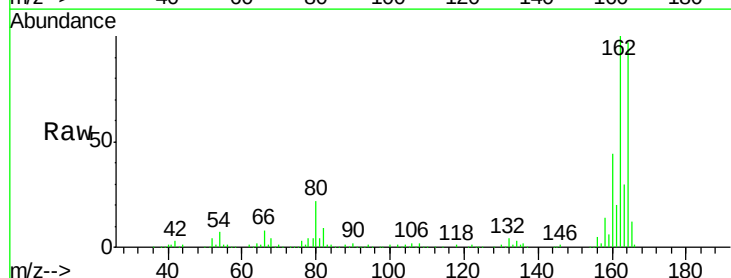


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

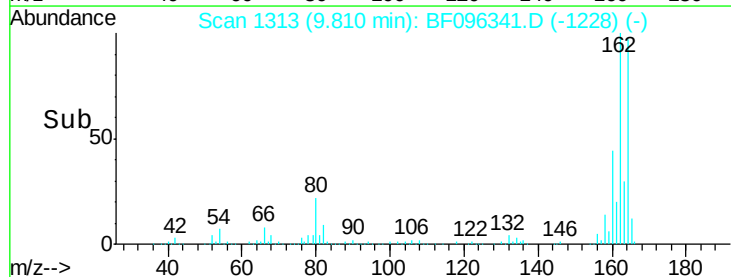
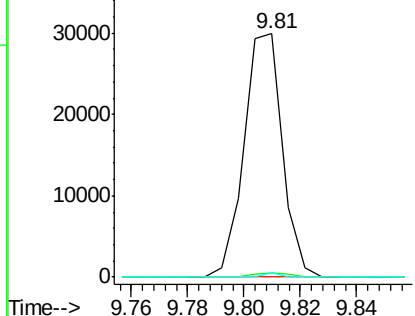


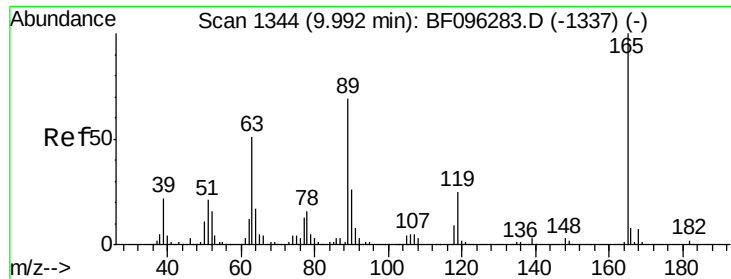
#50
 2,6-Dinitrotoluene
 Concen: 8.574 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF096341.D
 Acq: 30 Jun 2017 17:04

Tgt Ion:165 Resp: 28202
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 1.9 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

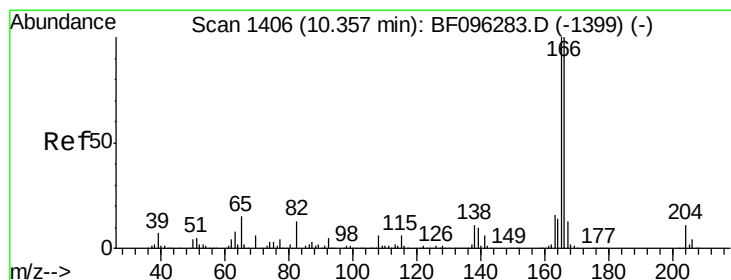
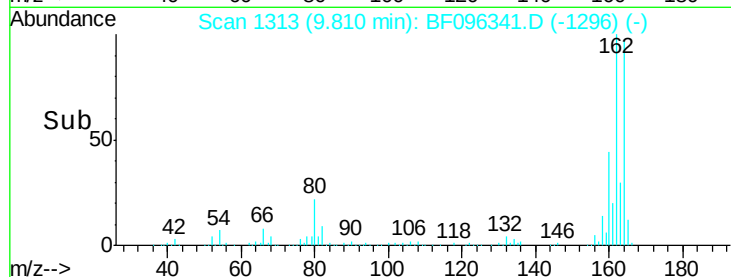
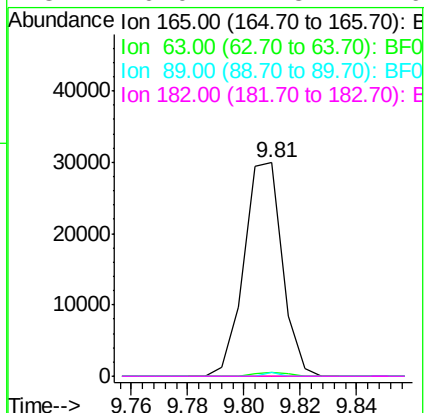
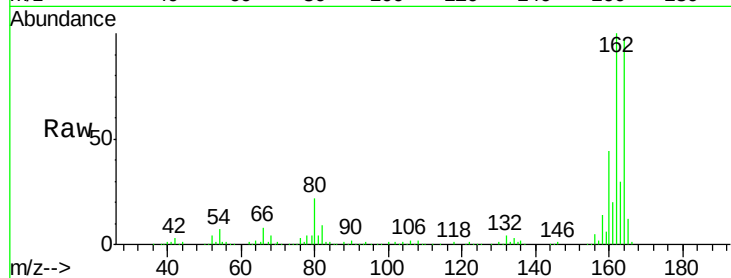




#56
2,4-Dinitrotoluene
Concen: 6.803 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.20 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

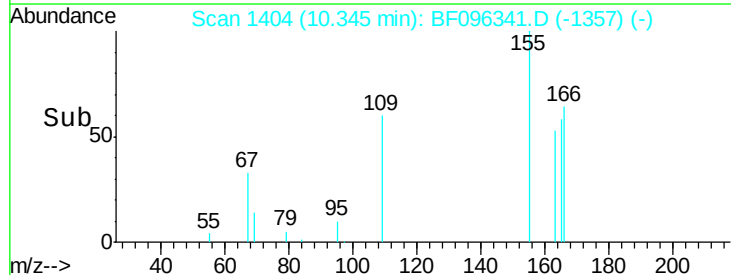
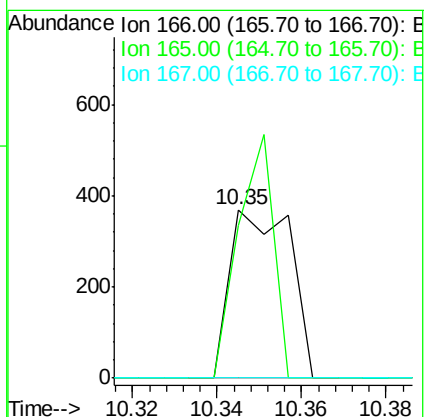
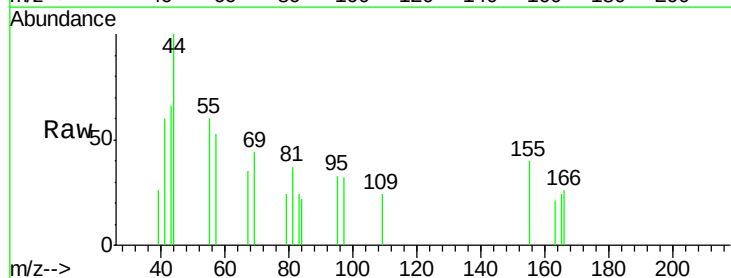
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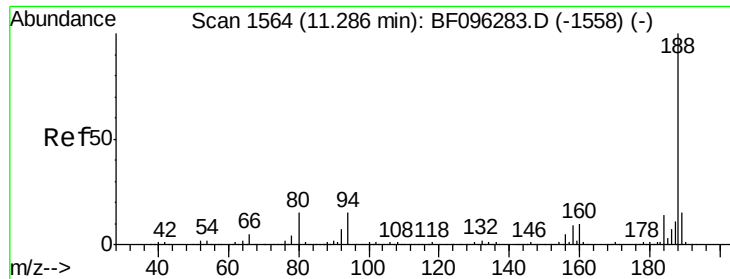
Tgt Ion:	165	Resp:	28202
Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Tgt Ion:	166	Resp:	367
Ion	Ratio	Lower	Upper
166	100		
165	91.1	78.8	118.2
167	0.0	10.6	16.0#

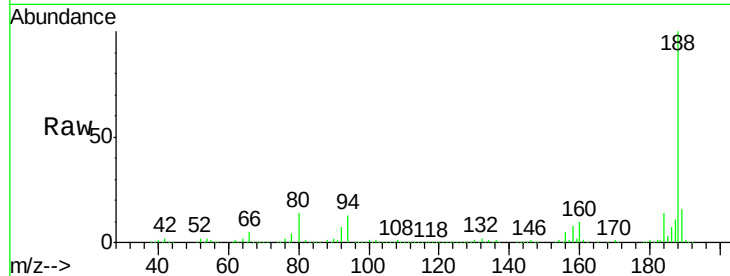




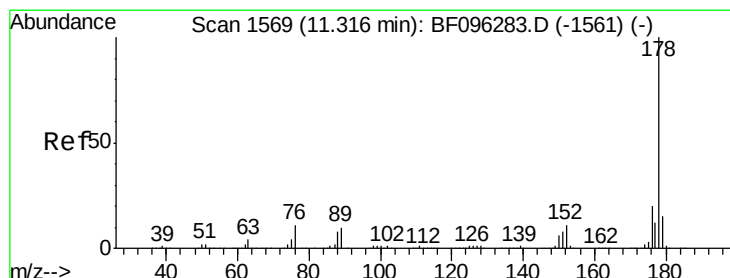
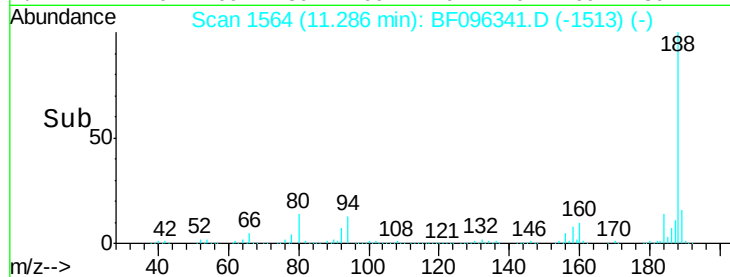
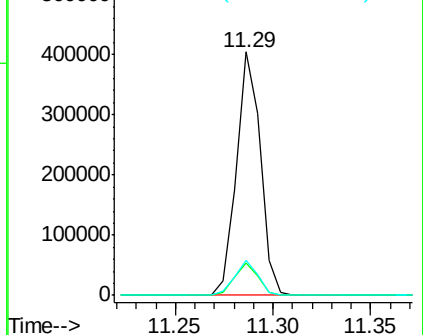
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Instrument :
BNA_F
ClientSampleId :
G51-1.5-3

Tgt Ion:188 Resp: 343596
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.2 10.2 15.2

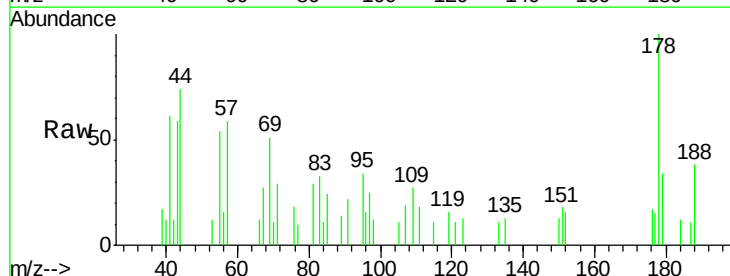


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

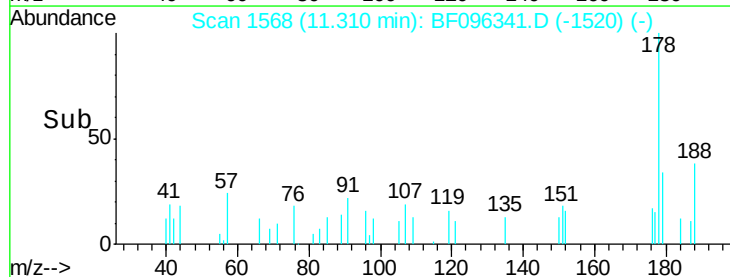
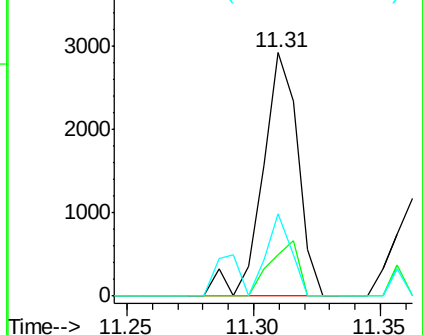


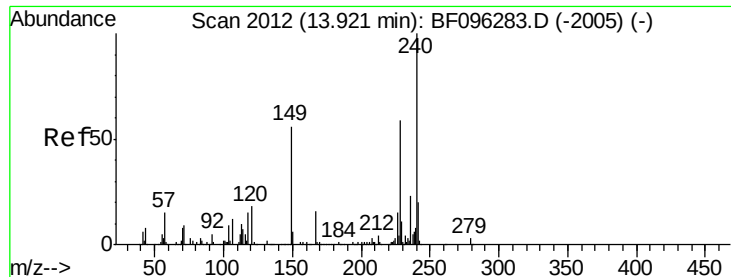
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096341.D
Acq: 30 Jun 2017 17:04

Tgt Ion:178 Resp: 2847
Ion Ratio Lower Upper
178 100
176 17.1 16.2 24.4
179 33.6 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: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

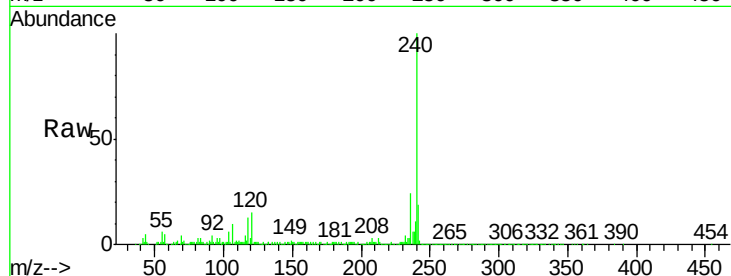
Tgt Ion:240 Resp: 270746

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

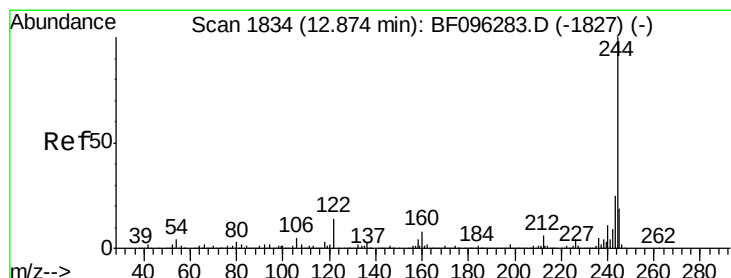
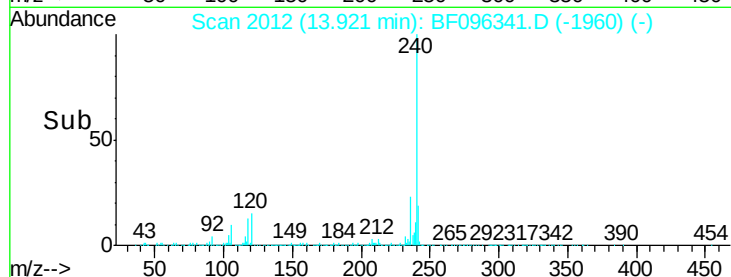
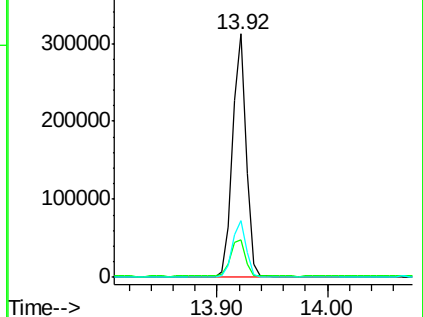
236 23.5 20.5 30.7



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: 5.568 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

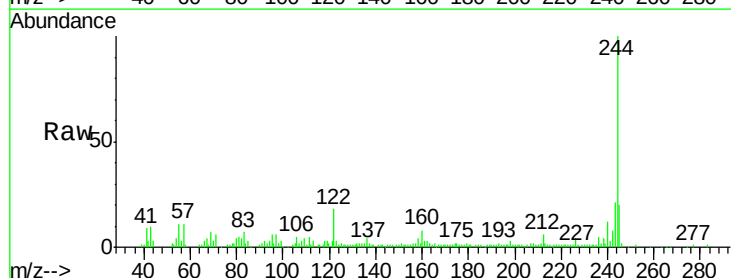
Tgt Ion:244 Resp: 60411

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

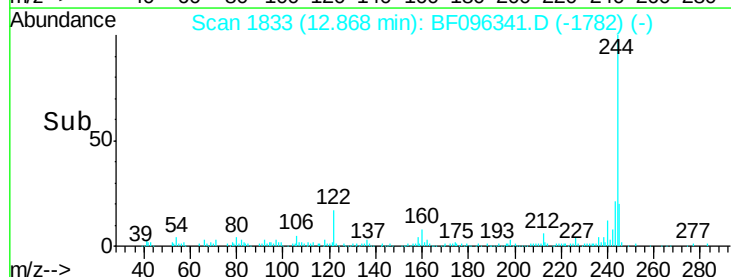
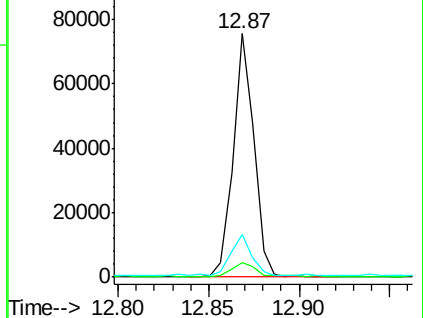
122 17.6 10.3 15.5#

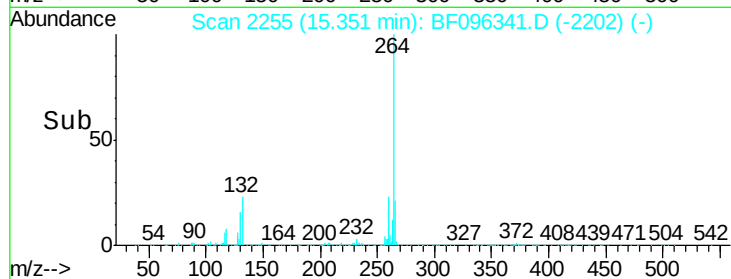
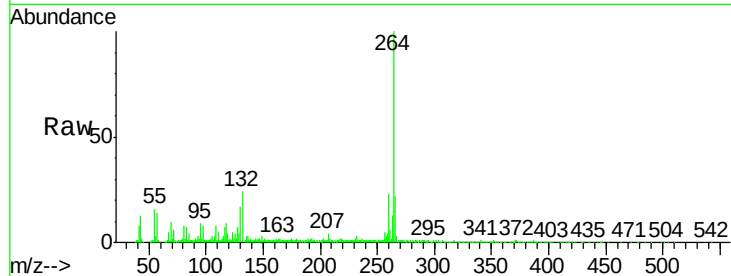
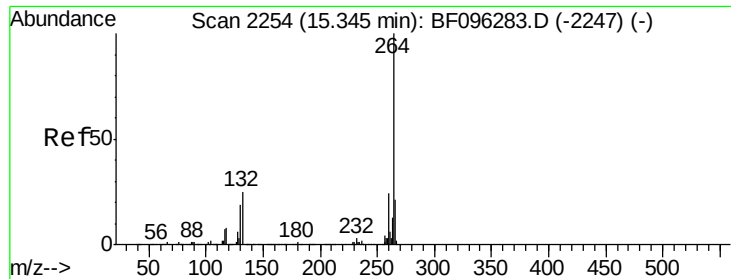


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096341.D

Acq: 30 Jun 2017 17:04

Instrument :

BNA_F

ClientSampleId :

G51-1.5-3

Tgt Ion:264 Resp: 184727

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.7 17.2 25.8

