

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096445.D
 Acq On : 3 Jul 2017 17:06
 Operator : SJ/MA
 Sample : I3950-01RE 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:13:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

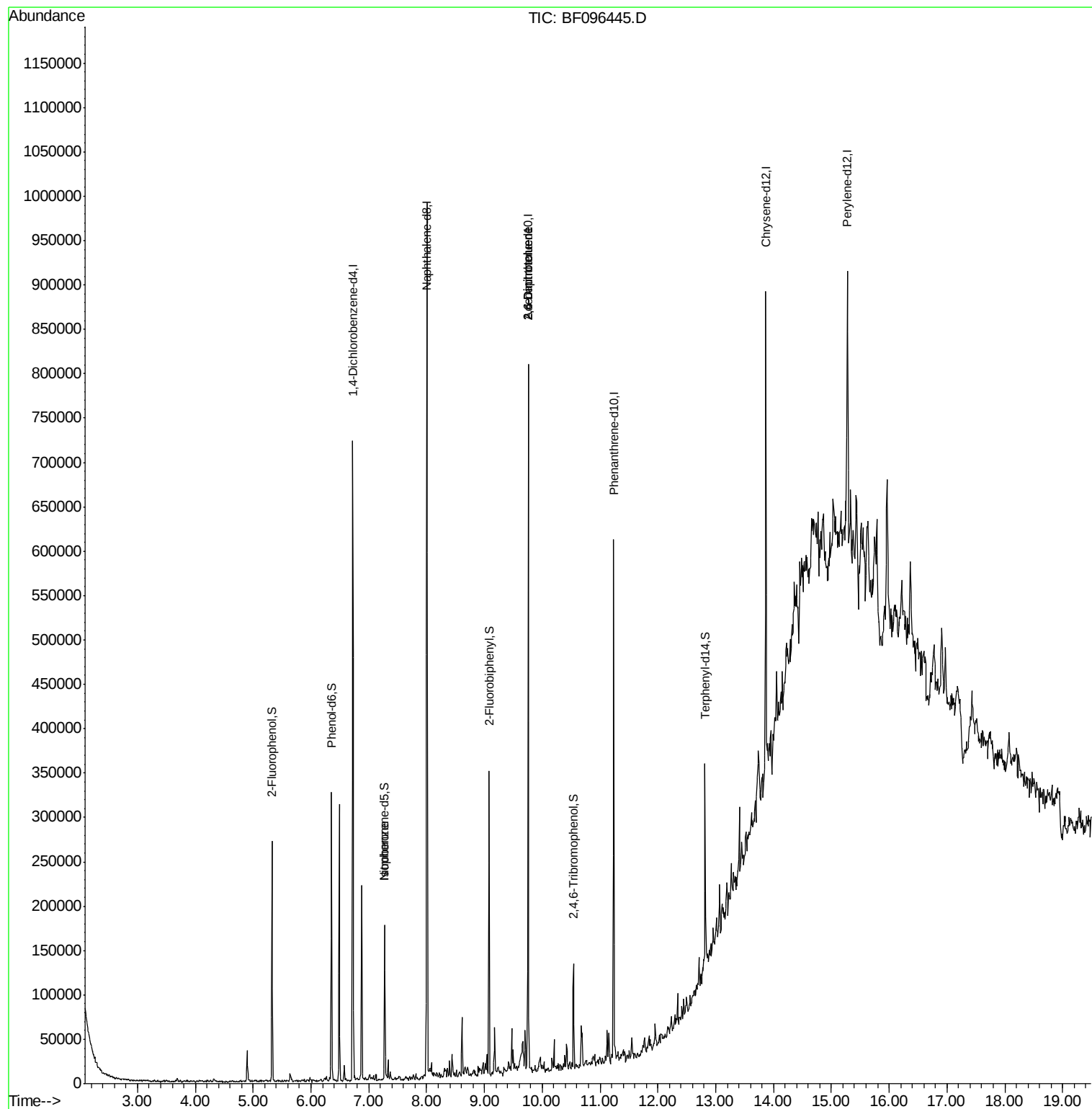
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	98004	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	384143	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	138719	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	205597	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	183743	20.00	ng	-0.01
86) Perylene-d12	15.28	264	126676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	73769	11.11	ng	-0.02
7) Phenol-d6	6.35	99	89606	10.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	45662	7.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	10490	9.68	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	92965	11.46	ng	-0.02
78) Terphenyl-d14	12.82	244	59081	6.87	ng	-0.02
Target Compounds						
25) Isophorone	7.27	82	45510	3.67	ng	# 68
50) 2,6-Dinitrotoluene	9.76	165	18418	8.04	ng	# 33
56) 2,4-Dinitrotoluene	9.76	165	18418	6.35	ng	# 32

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

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ClientSampled :

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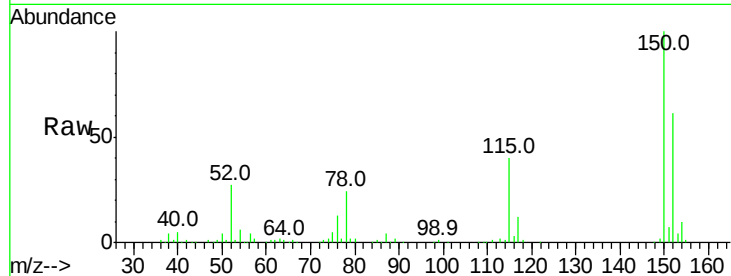


#1

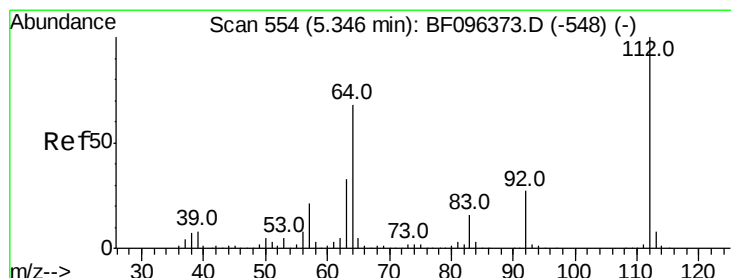
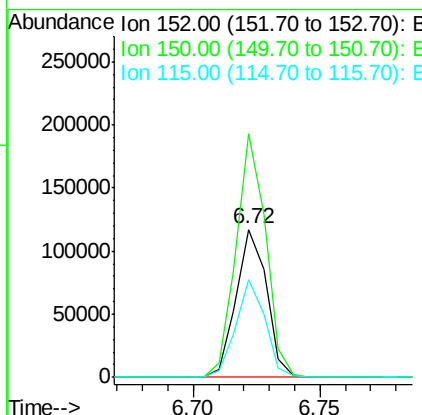
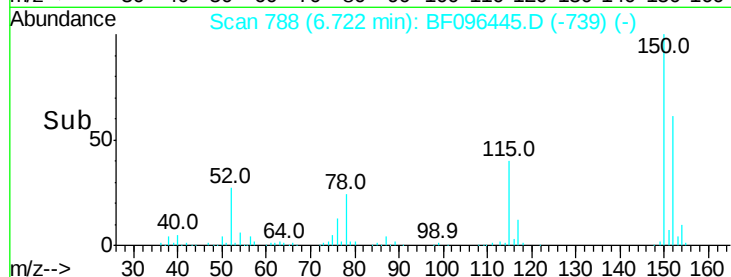
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096445.D
Acq: 3 Jul 2017 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98004
Ion Ratio Lower Upper
152 100
150 165.0 126.2 189.2
115 66.5 52.2 78.2



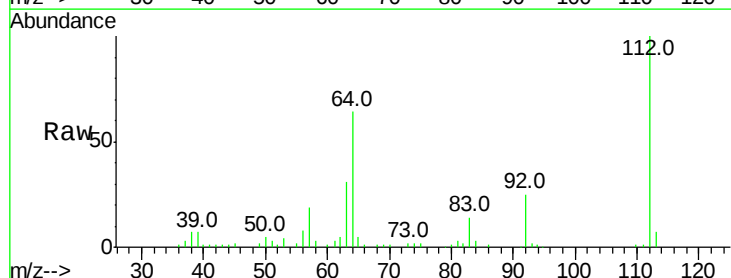
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



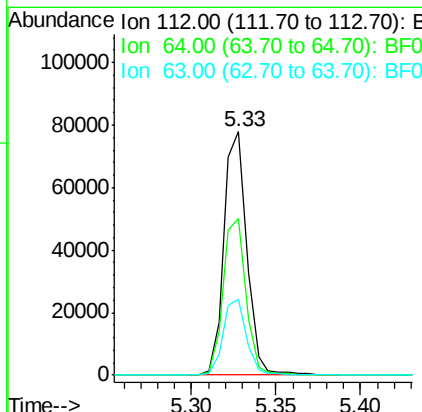
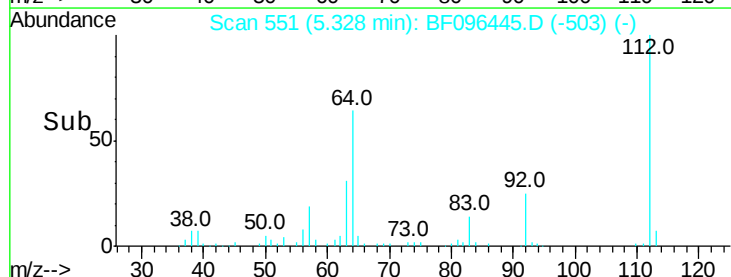
#5

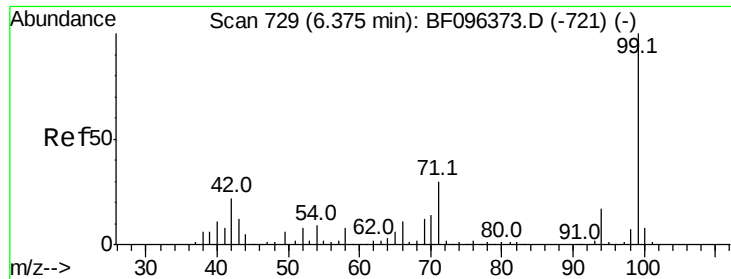
2-Fluorophenol
Concen: 11.11 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF096445.D
Acq: 3 Jul 2017 17:06

Tgt Ion:112 Resp: 73769
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 31.1 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: 10.98 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096445.D

Acq: 3 Jul 2017 17:06

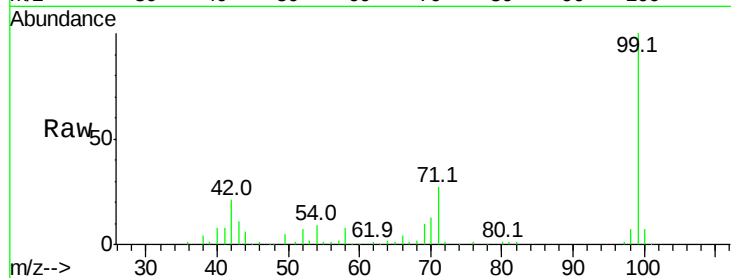
Instrument :

BNA_F

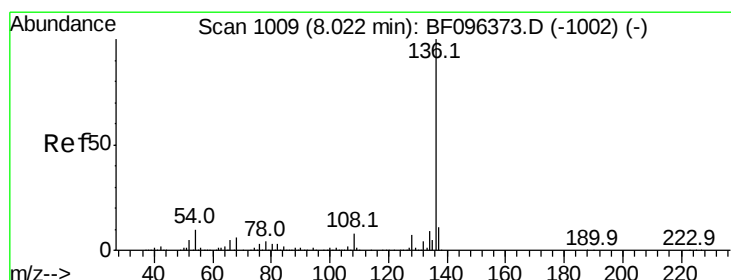
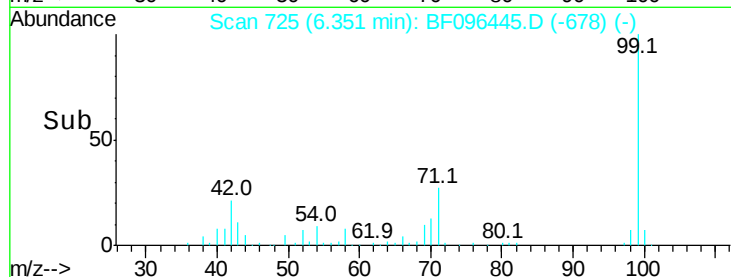
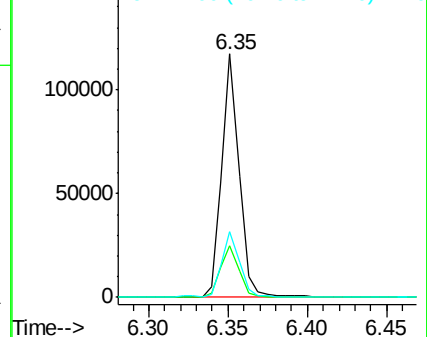
ClientSampleId :

Tot Ion: 99 Resp: 89606

Ion	Ratio	Lower	Upper
99	100		
42	21.4	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: 20.00 ng

RT: 8.00 min Scan# 1006

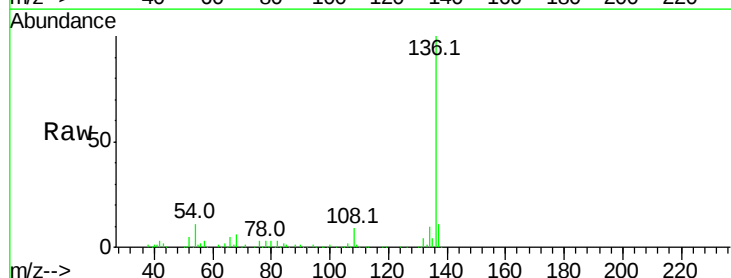
Delta R.T. -0.02 min

Lab File: BF096445.D

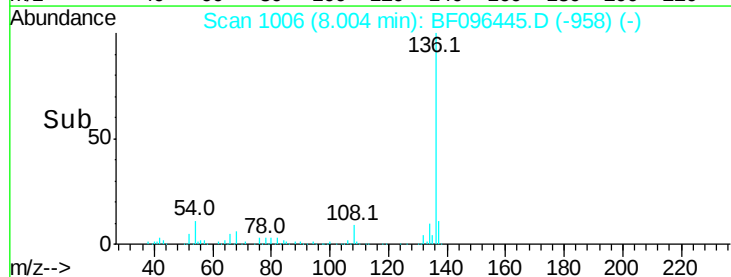
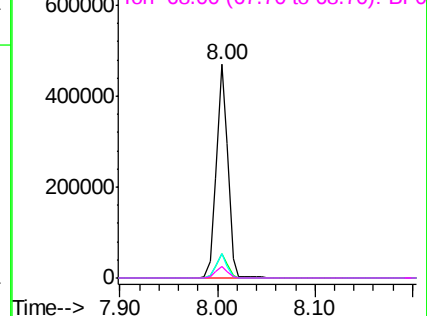
Acq: 3 Jul 2017 17:06

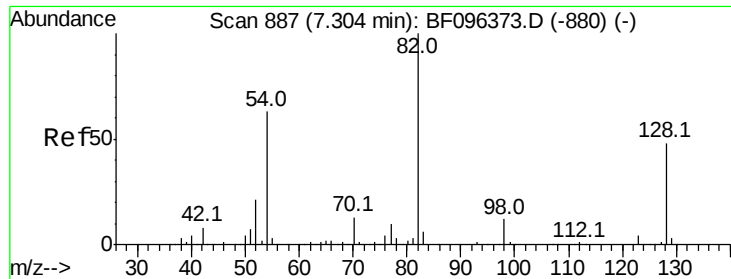
Tgt Ion: 136 Resp: 384143

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.2	4.9	7.3#
68	5.6	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

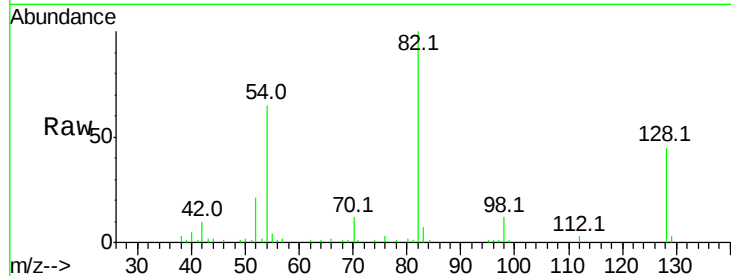




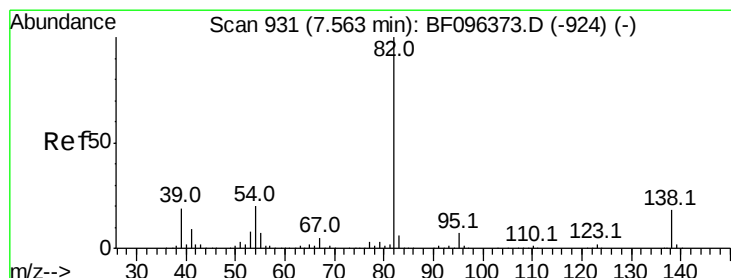
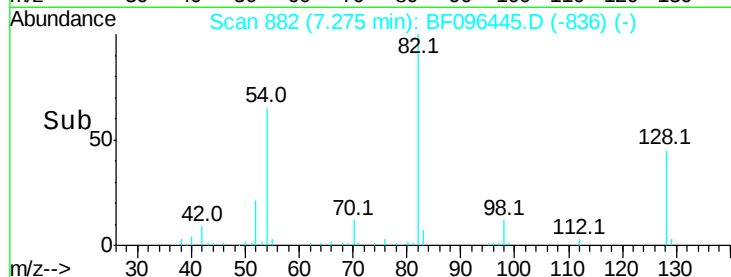
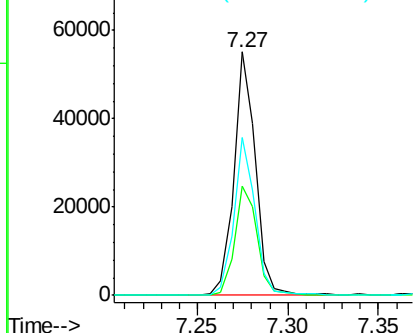
#23
Nitrobenzene-d5
Concen: 7.14 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096445.D
Acq: 3 Jul 2017 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 45662
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 64.6 42.2 63.2#

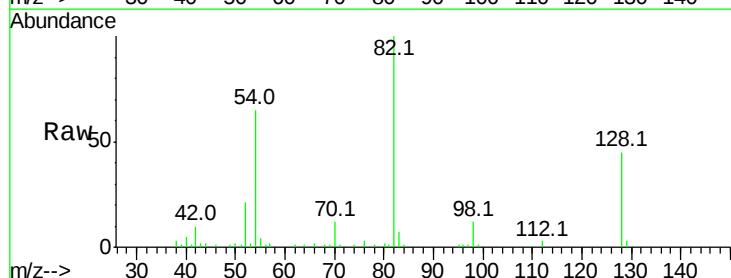


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

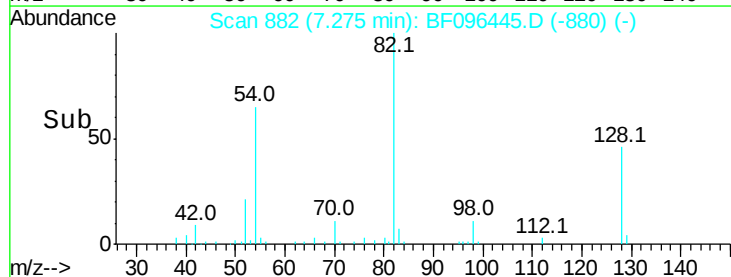
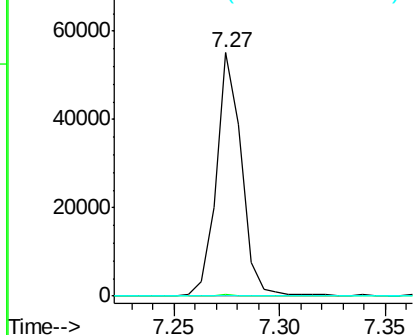


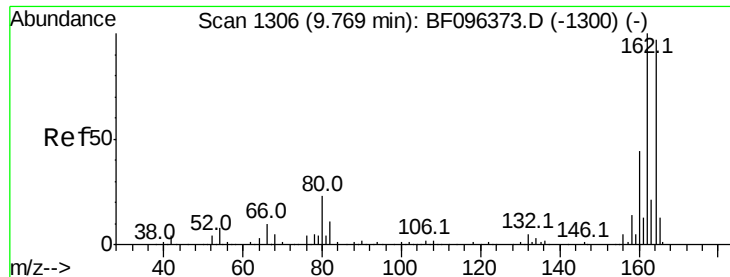
#25
Isophorone
Concen: 3.67 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096445.D
Acq: 3 Jul 2017 17:06

Tgt Ion: 82 Resp: 45510
Ion Ratio Lower Upper
82 100
95 0.6 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

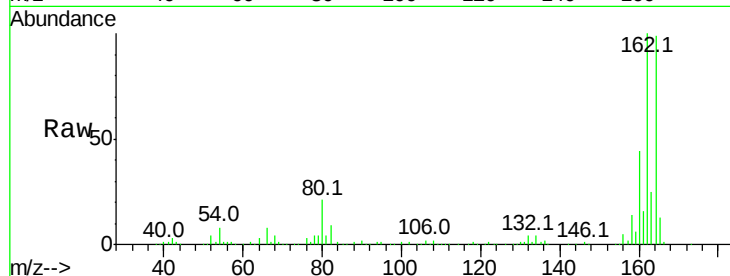




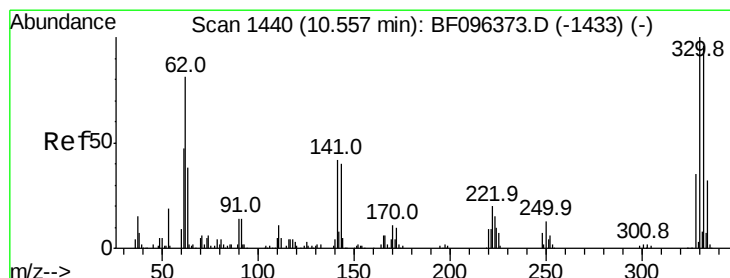
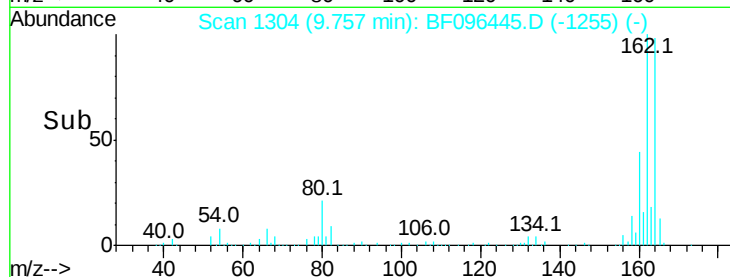
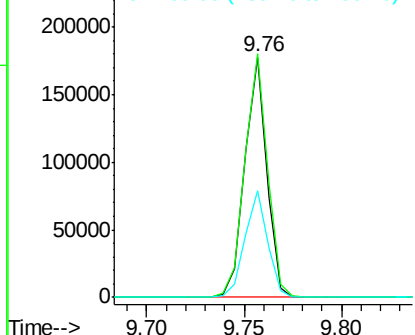
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096445.D
 Acq: 3 Jul 2017 17:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 138719
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.5 36.2 54.2

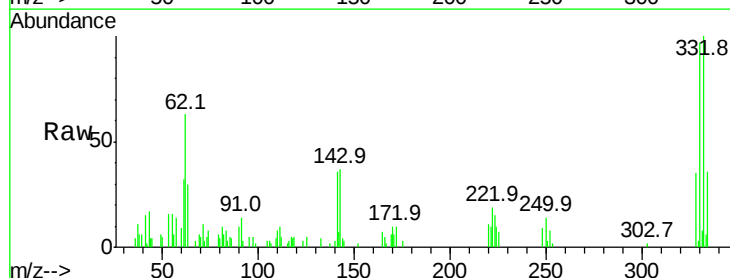


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

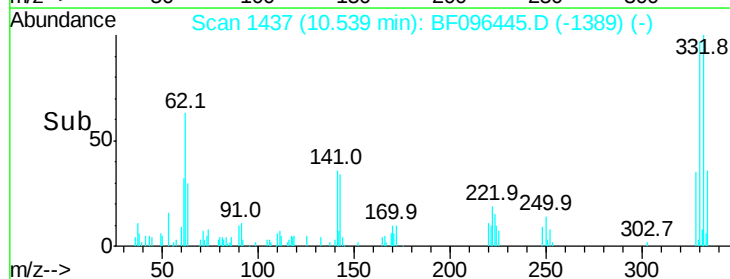
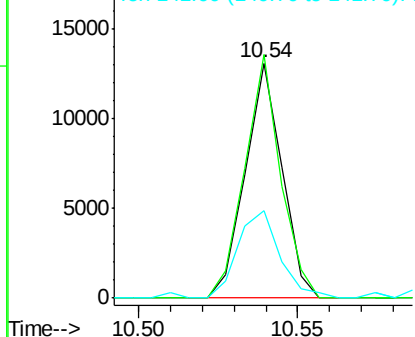


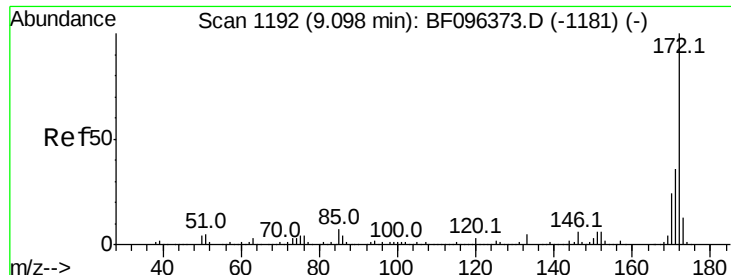
#41
 2,4,6-Tribromophenol
 Concen: 9.68 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096445.D
 Acq: 3 Jul 2017 17:06

Tgt Ion:330 Resp: 10490
 Ion Ratio Lower Upper
 330 100
 332 101.3 76.6 115.0
 141 43.8 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: 11.46 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF096445.D

Acq: 3 Jul 2017 17:06

Instrument :

BNA_F

ClientSampleId :

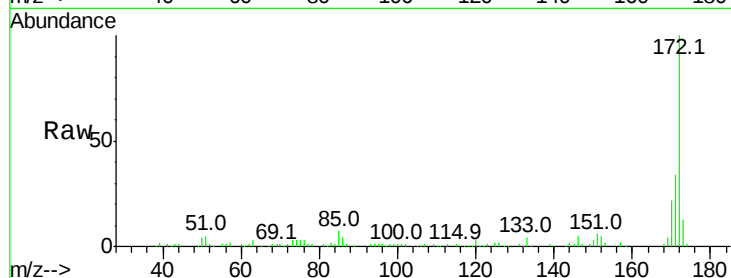
Tot Ion:172 Resp: 92965

Ion Ratio Lower Upper

172 100

171 34.3 29.6 44.4

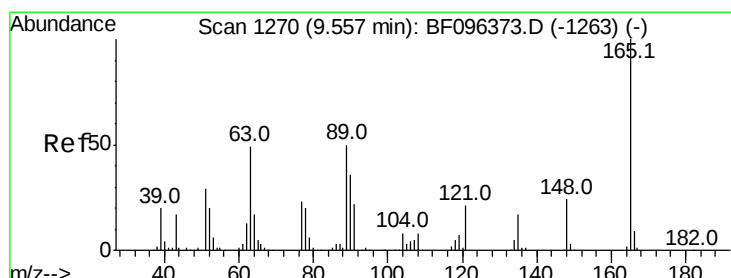
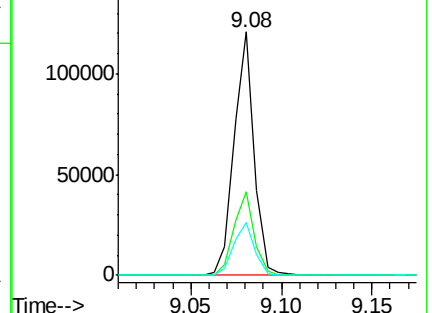
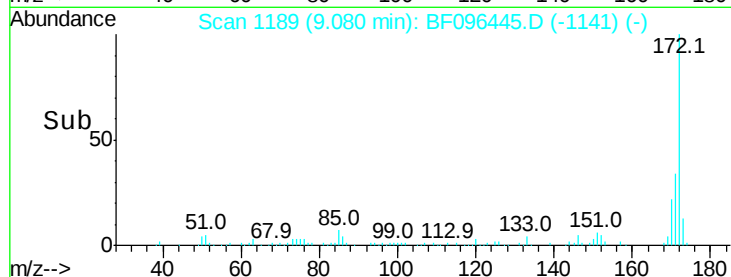
170 21.9 19.8 29.8



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: 8.04 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF096445.D

Acq: 3 Jul 2017 17:06

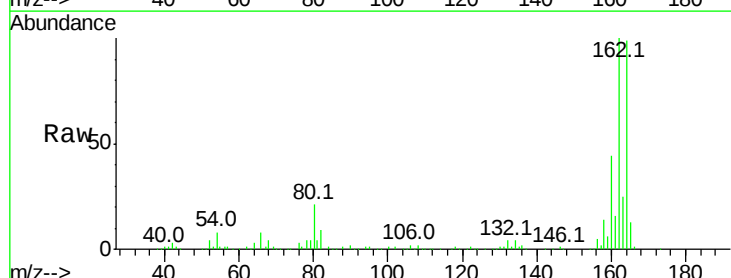
Tgt Ion:165 Resp: 18418

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

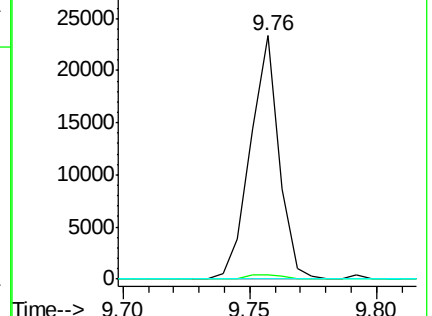
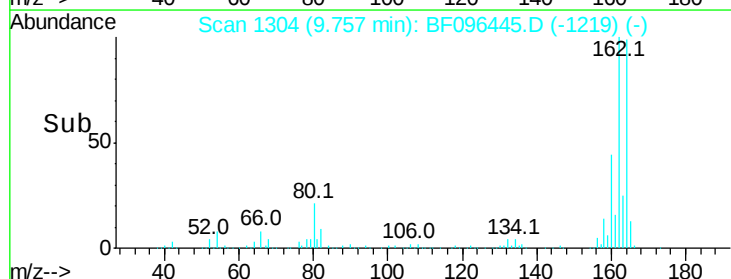
89 0.0 37.1 55.7#

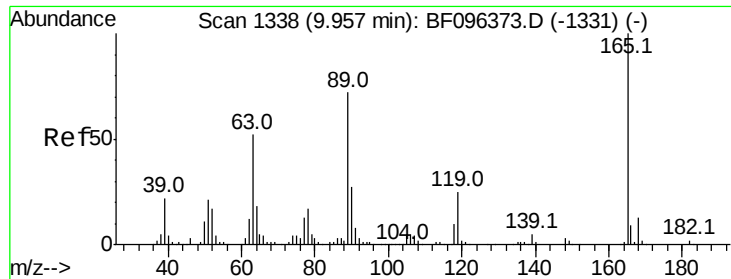


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

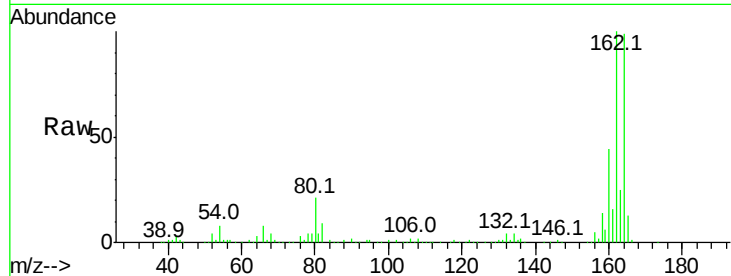




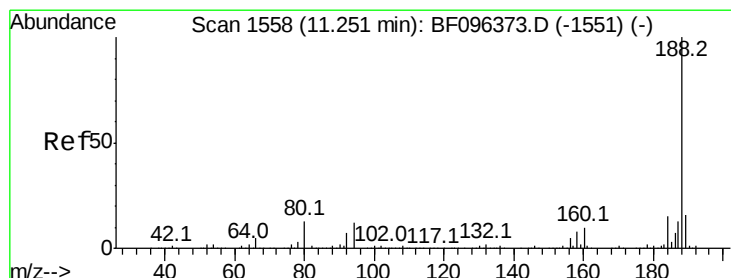
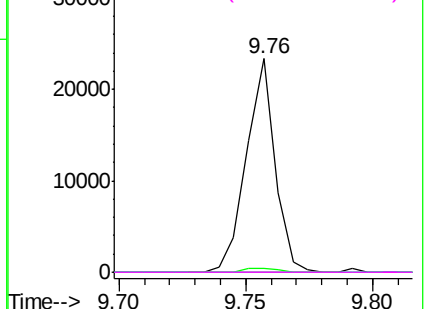
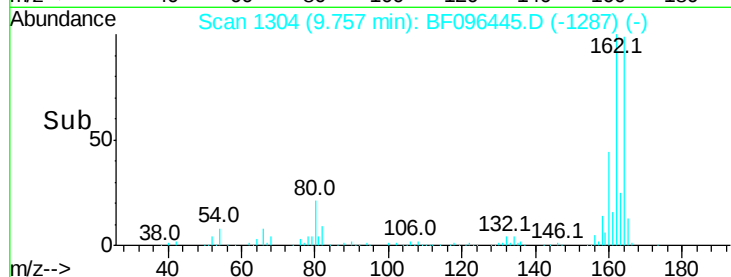
#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096445.D
 Acq: 3 Jul 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18418
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

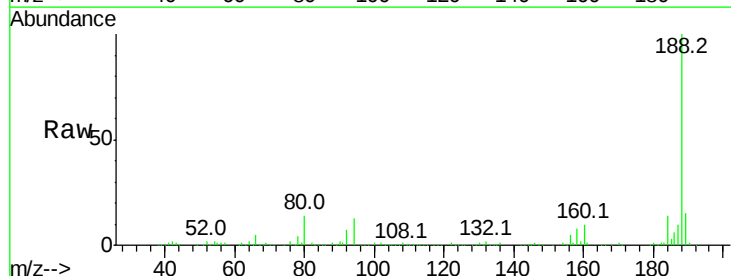


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

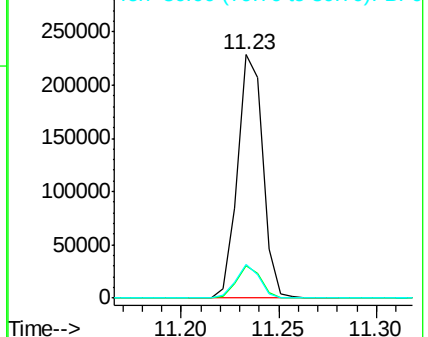
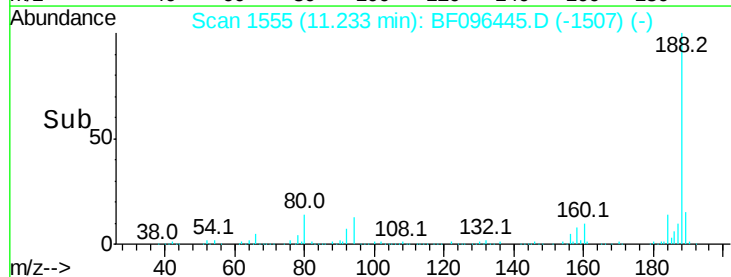


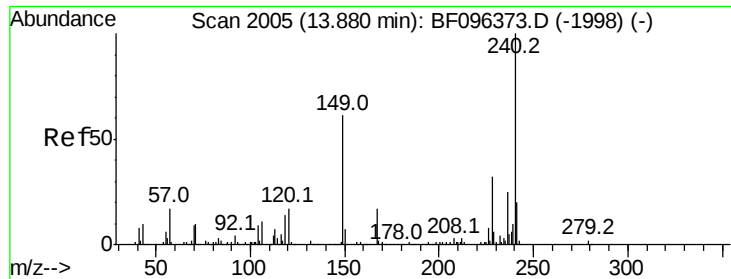
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF096445.D
 Acq: 3 Jul 2017 17:06

Tgt Ion:188 Resp: 205597
 Ion Ratio Lower Upper
 188 100
 94 13.2 9.4 14.2
 80 13.7 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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096445.D

Acq: 3 Jul 2017 17:06

Instrument :

BNA_F

ClientSampleId :

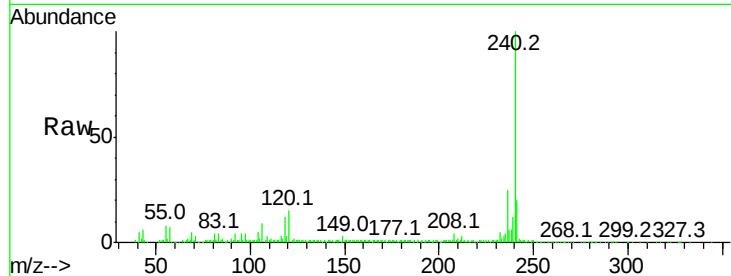
Tot Ion:240 Resp: 183743

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

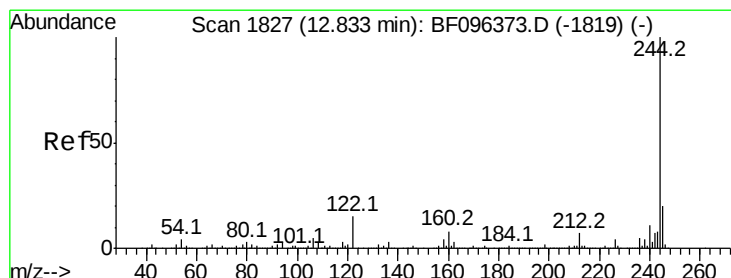
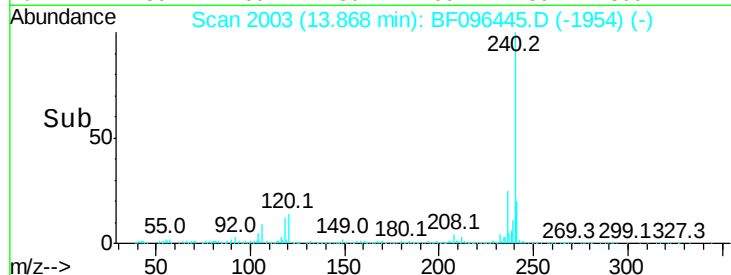
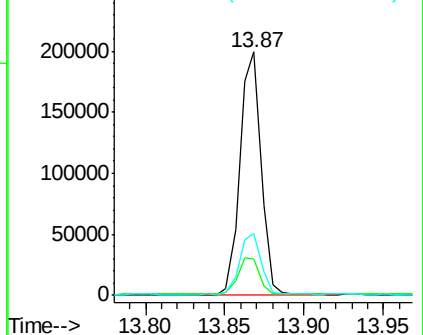
236 25.3 20.5 30.7



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: 6.87 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096445.D

Acq: 3 Jul 2017 17:06

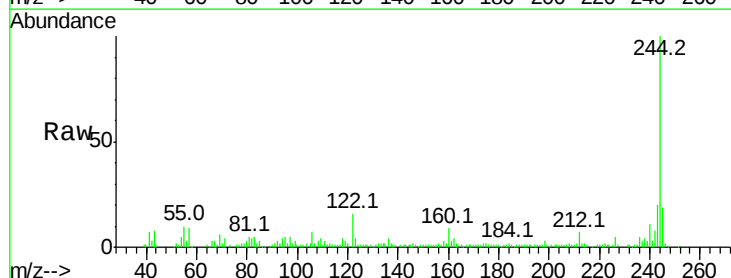
Tgt Ion:244 Resp: 59081

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

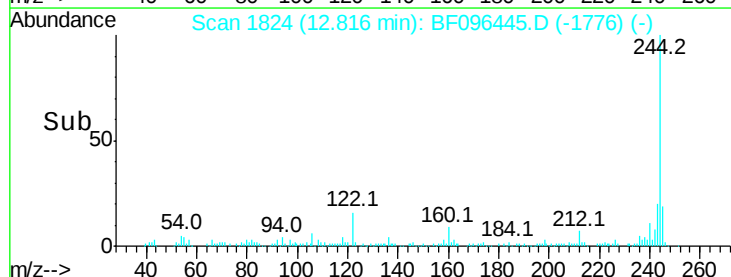
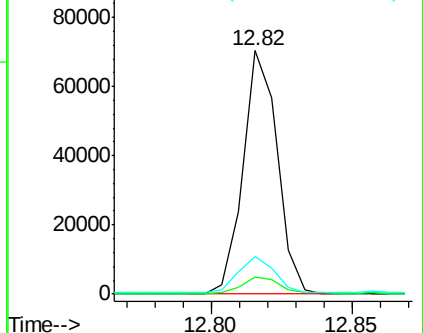
122 15.6 10.3 15.5#

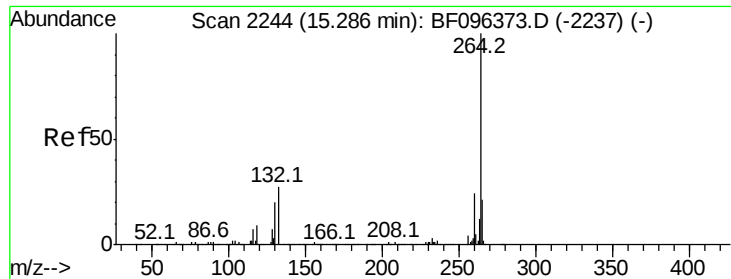


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

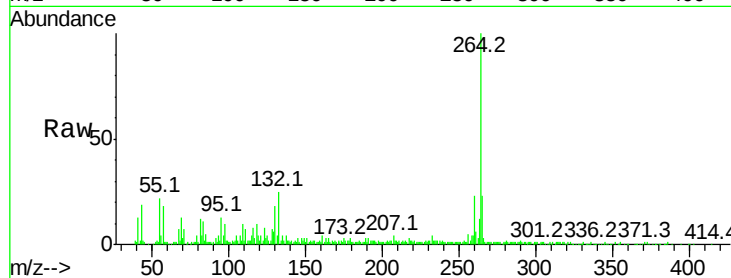




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096445.D
Acq: 3 Jul 2017 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.9	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

