

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096426.D
 Acq On : 2 Jul 2017 19:55
 Operator : SJ/MA
 Sample : I3950-14 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:35:12 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

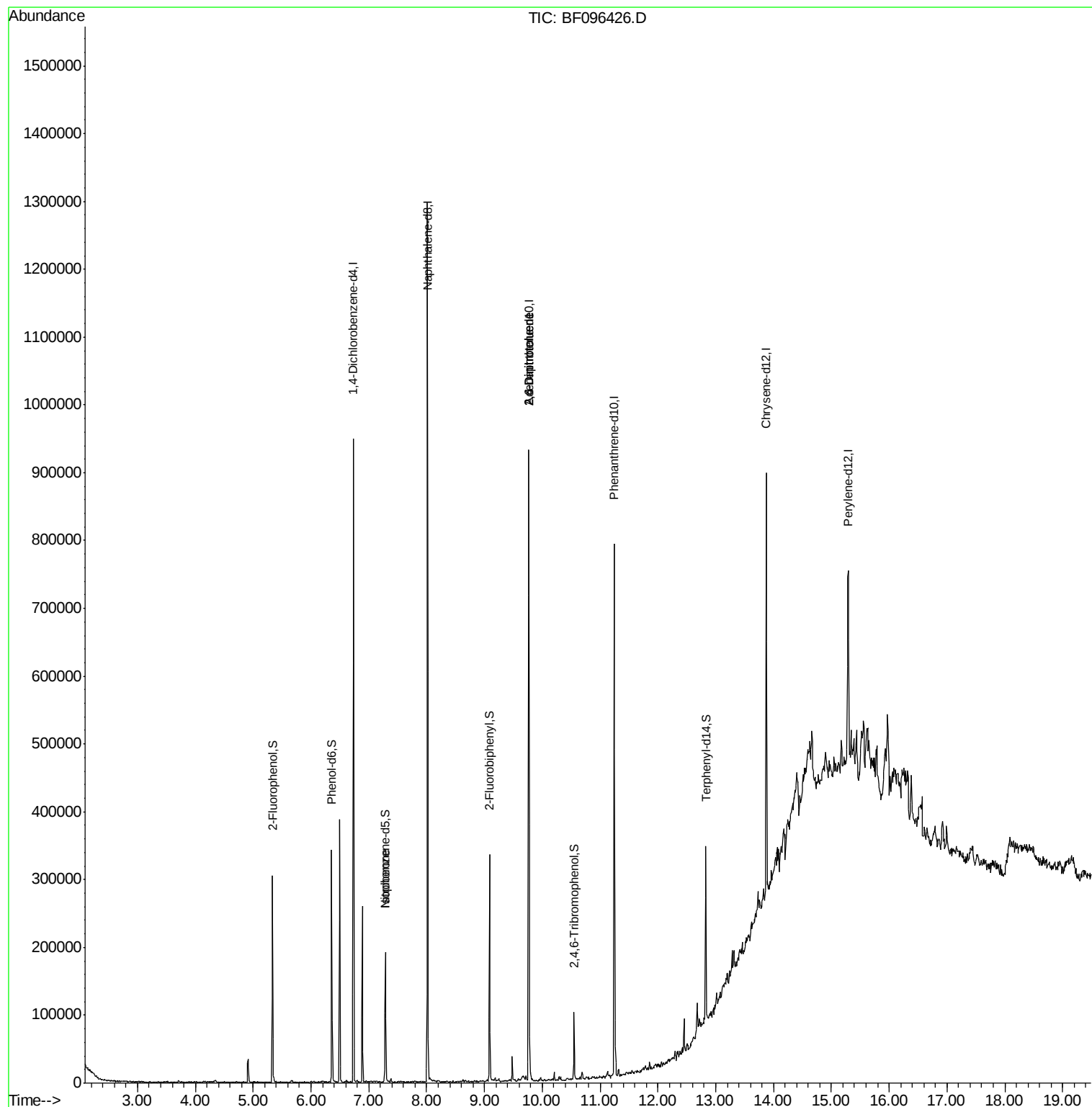
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128567	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	502269	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	179286	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	252127	20.00	ng	0.00
75) Chrysene-d12	13.87	240	200294	20.00	ng	0.00
86) Perylene-d12	15.29	264	131872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	81727	9.38	ng	-0.01
7) Phenol-d6	6.36	99	106689	9.96	ng	-0.02
23) Nitrobenzene-d5	7.29	82	47585	5.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	11296	8.07	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	106749	10.18	ng	-0.01
78) Terphenyl-d14	12.83	244	67019	7.15	ng	0.00
Target Compounds						
25) Isophorone	7.29	82	47447	2.93	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	22098	7.47	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	22098	5.90	ng	# 33

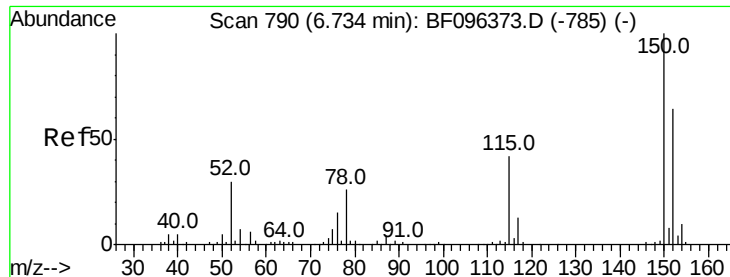
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

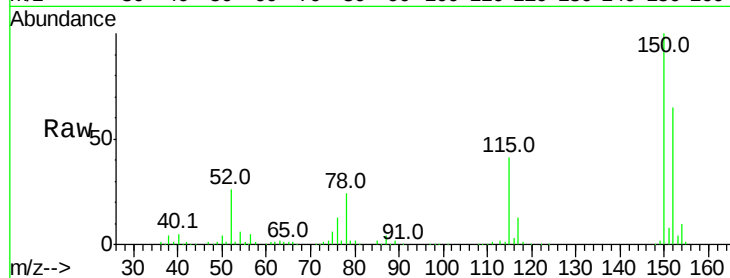
Tot Ion:152 Resp: 128567

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

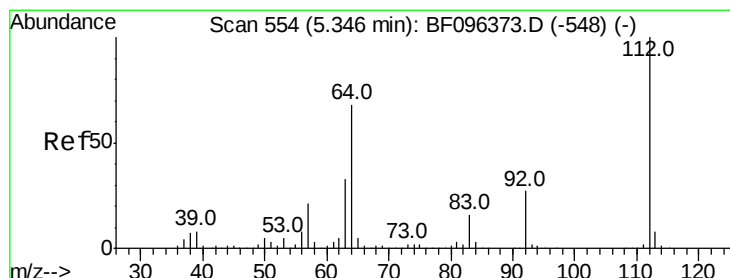
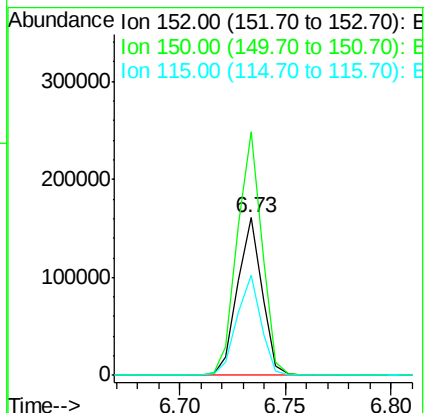
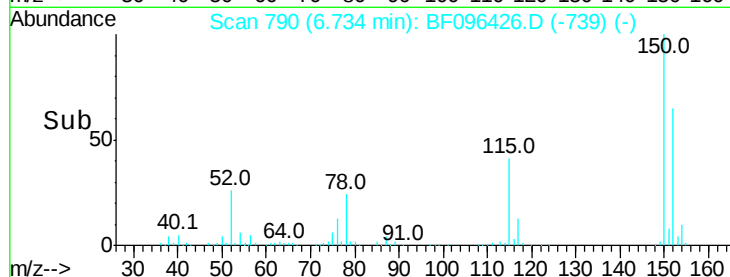
115 63.2 52.2 78.2



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: 9.38 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

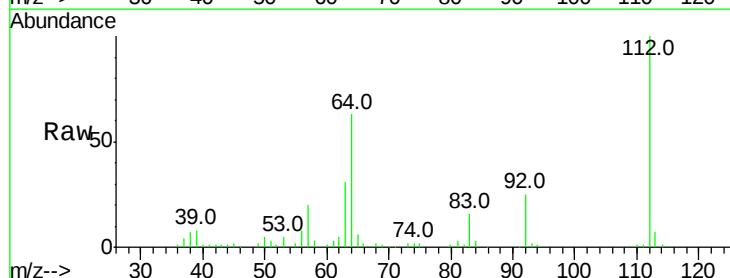
Tgt Ion:112 Resp: 81727

Ion Ratio Lower Upper

112 100

64 63.3 46.0 69.0

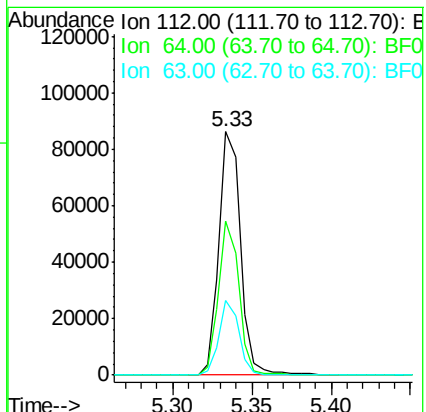
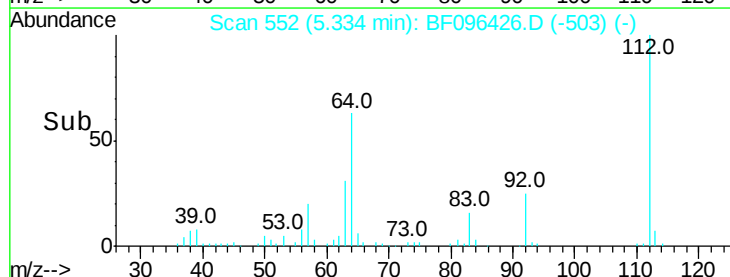
63 30.7 23.4 35.0

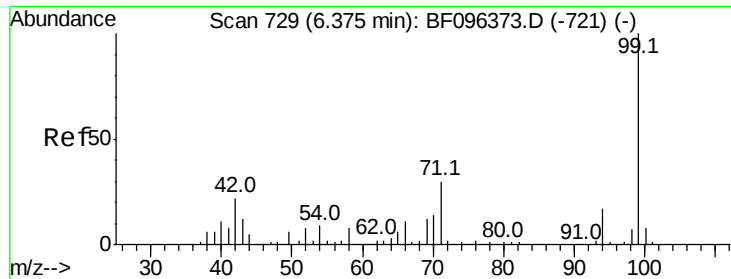


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.96 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

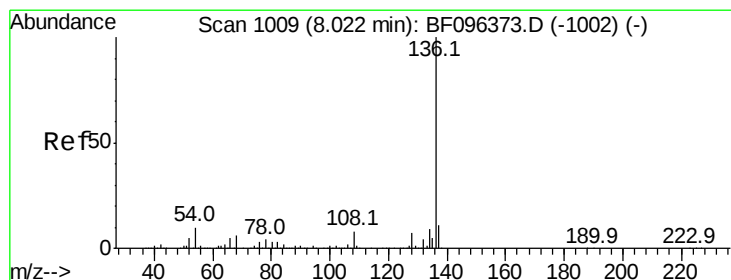
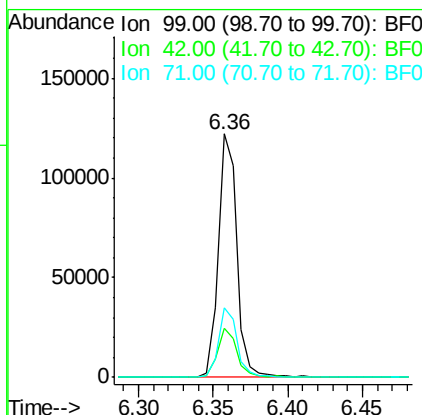
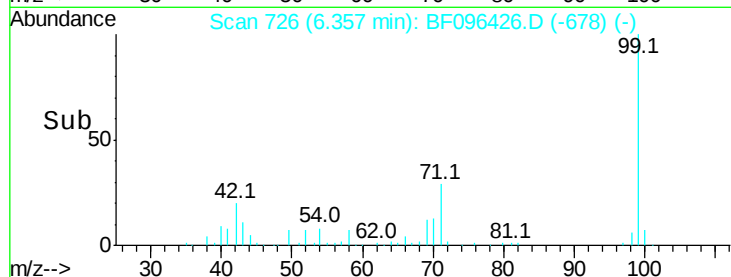
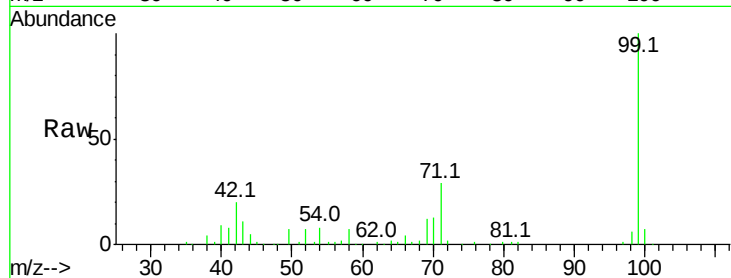
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 106689

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.5	20.3#
71	28.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

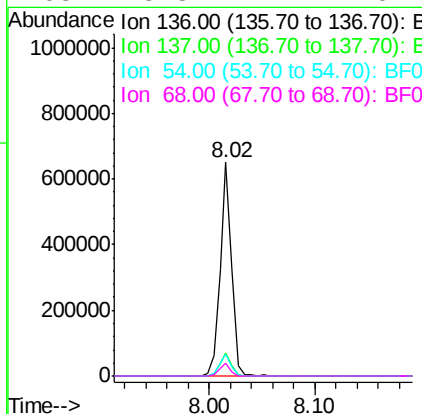
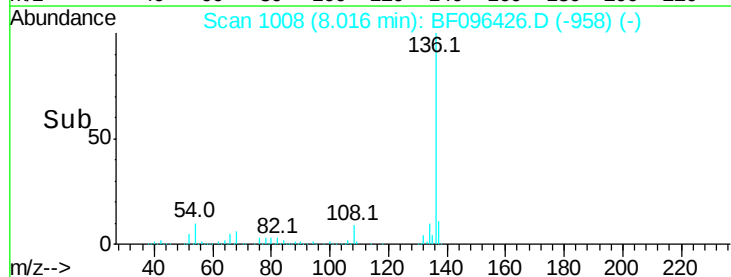
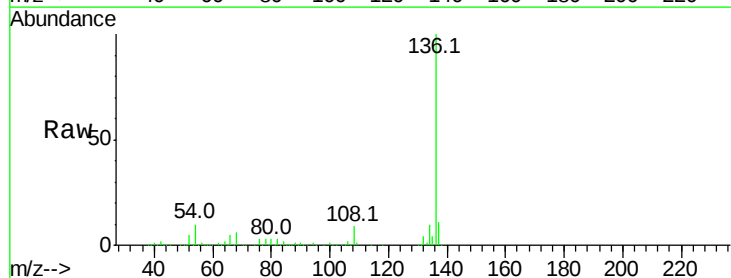
Delta R.T. -0.01 min

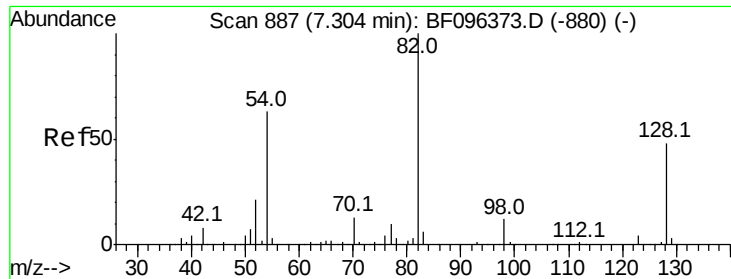
Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

Tgt Ion: 136 Resp: 502269

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	5.8	4.1	6.1

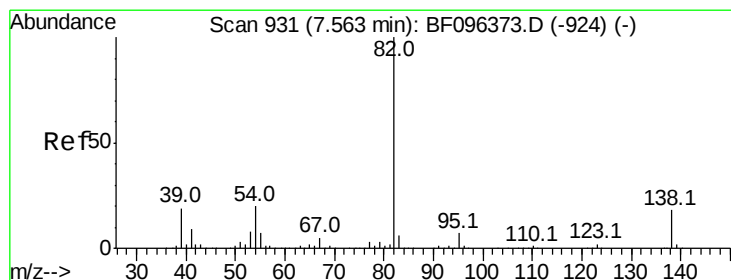
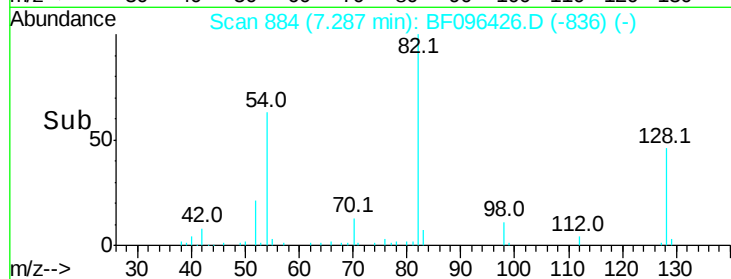
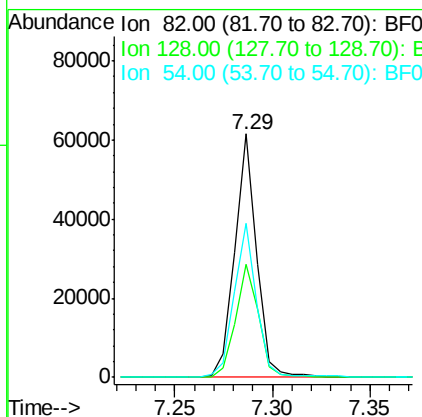
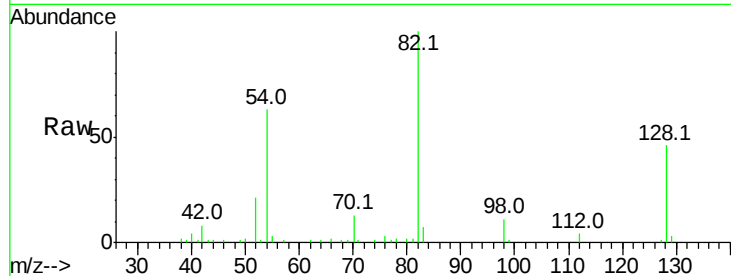




#23
 Nitrobenzene-d5
 Concen: 5.69 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

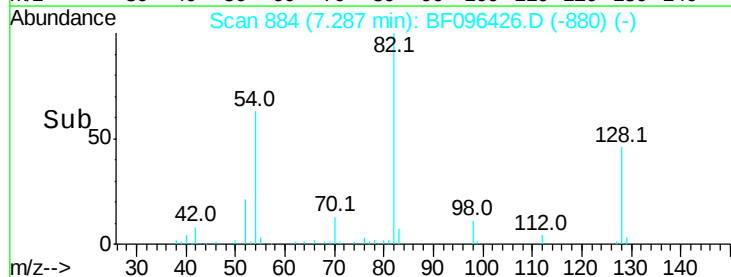
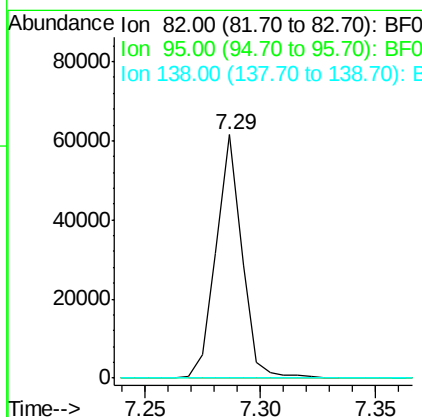
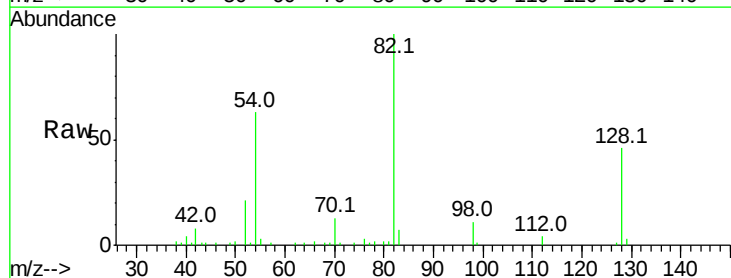
Instrument :
 BNA_F
 ClientSampleId :

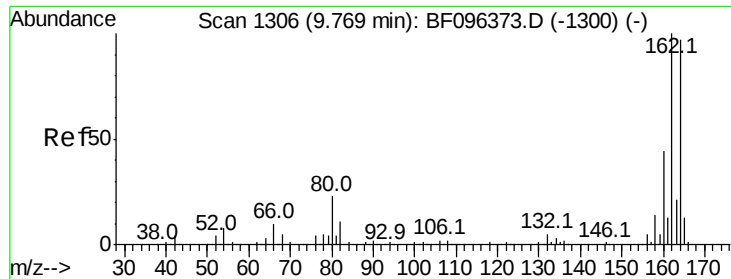
Tot Ion	82	Resp	47585
Ion Ratio	100	Lower	Upper
128	46.4	34.0	51.0
54	63.2	42.2	63.2



#25
 Isophorone
 Concen: 2.93 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

Tgt Ion	82	Resp	47447
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



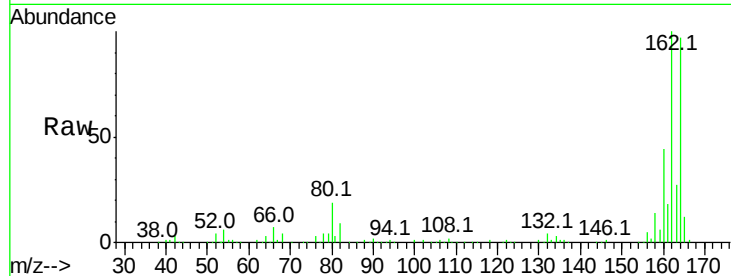


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

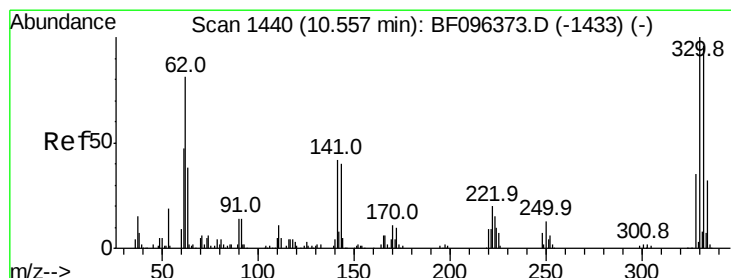
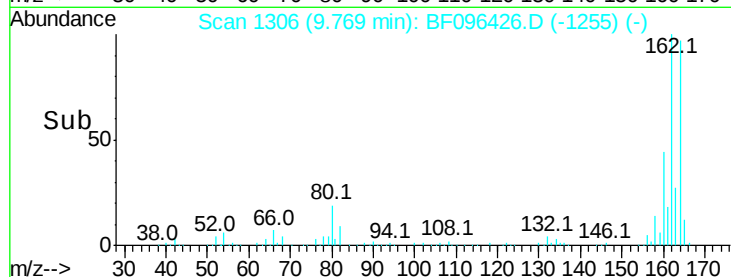
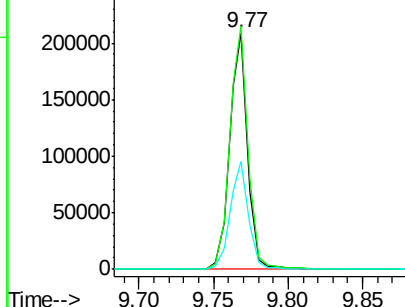
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 179286

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.8	36.2	54.2



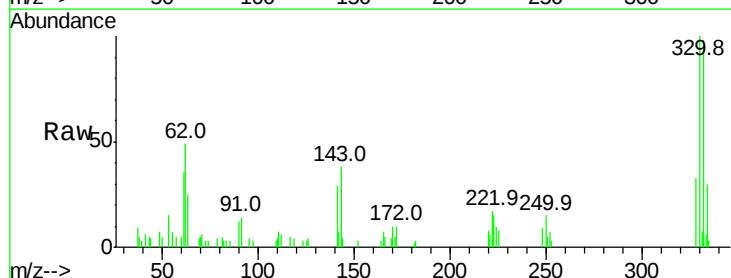
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



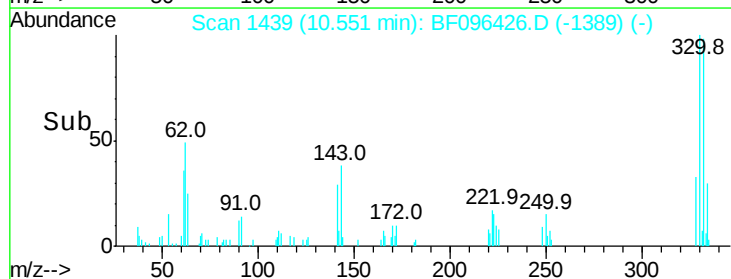
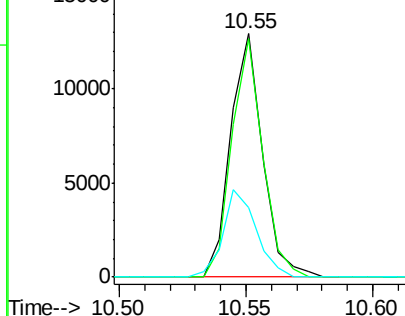
#41
 2,4,6-Tribromophenol
 Concen: 8.07 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

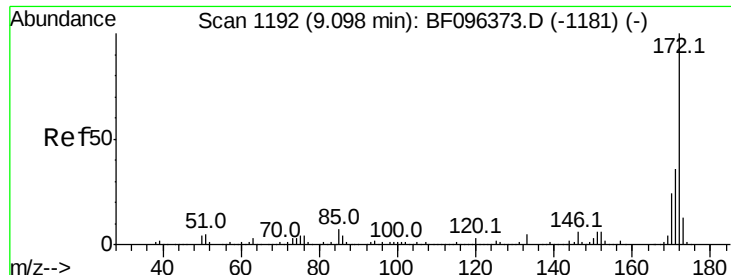
Tgt Ion:330 Resp: 11296

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	115.0
141	37.6	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

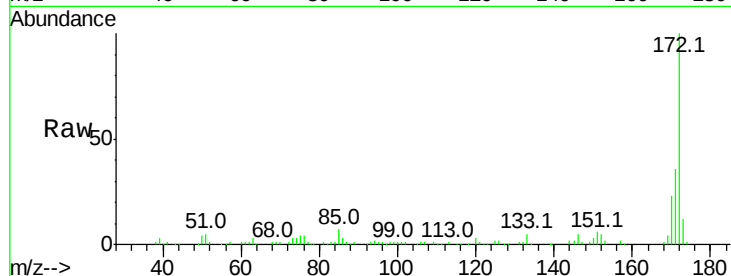




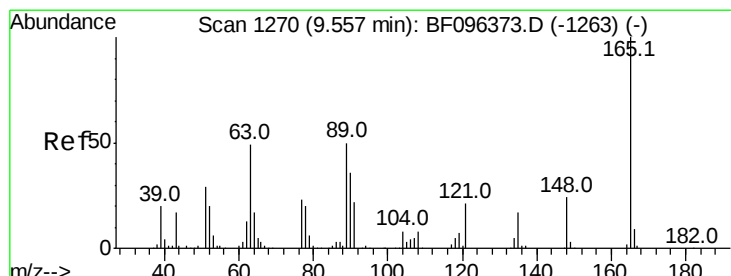
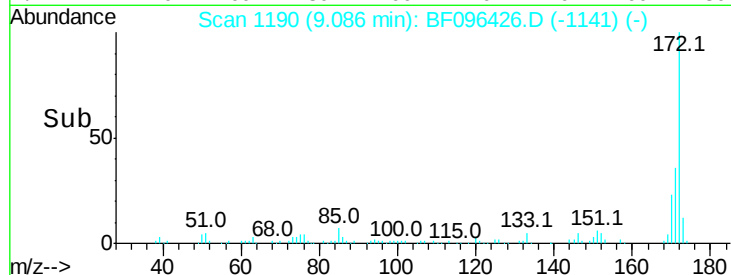
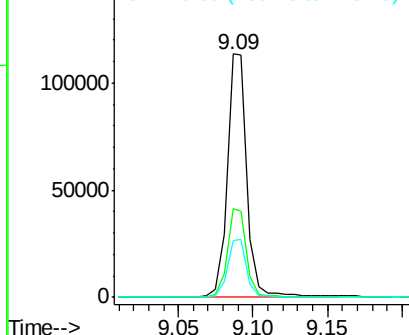
#44
2-Fluorobiphenyl
Concen: 10.18 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096426.D
Acq: 2 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 106749
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.4 19.8 29.8

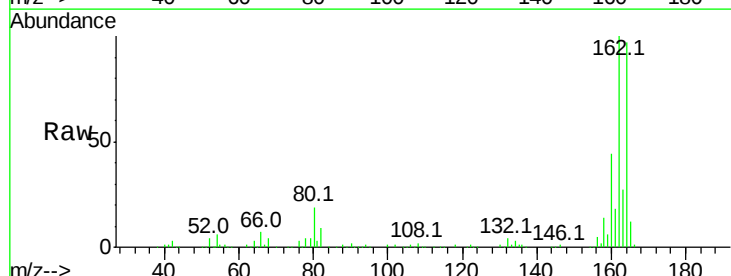


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

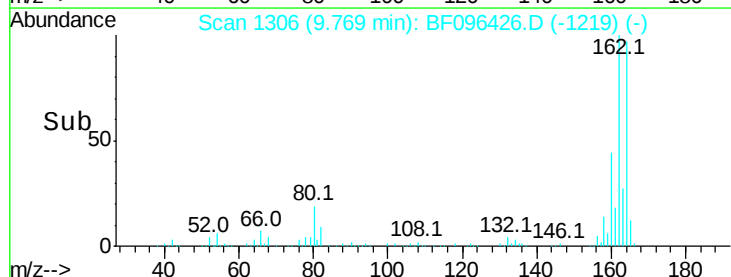
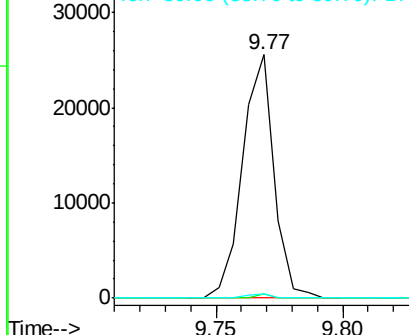


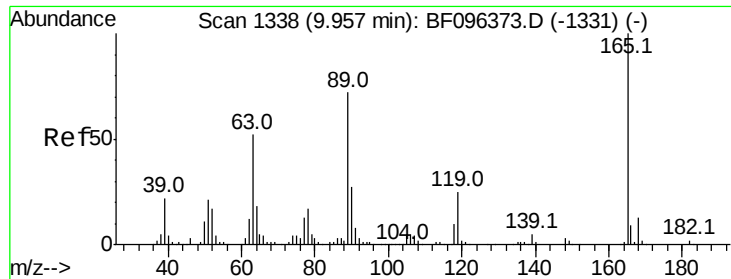
#50
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF096426.D
Acq: 2 Jul 2017 19:55

Tgt Ion:165 Resp: 22098
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.6 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

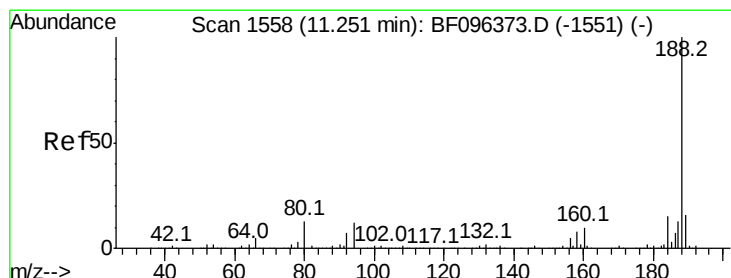
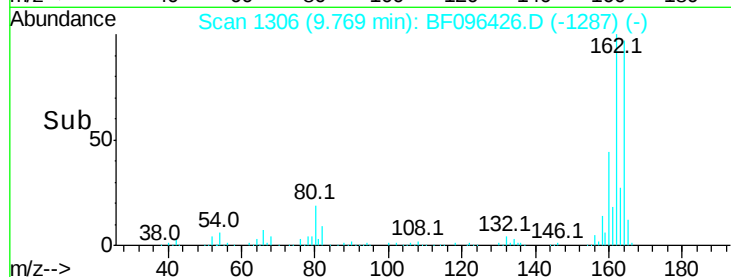
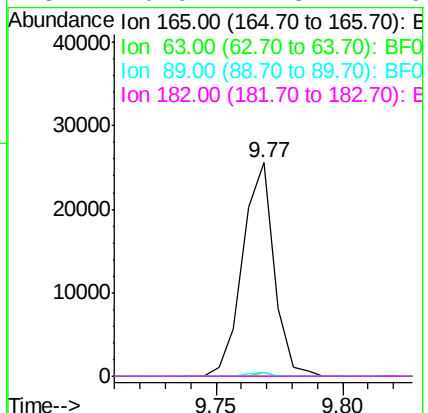
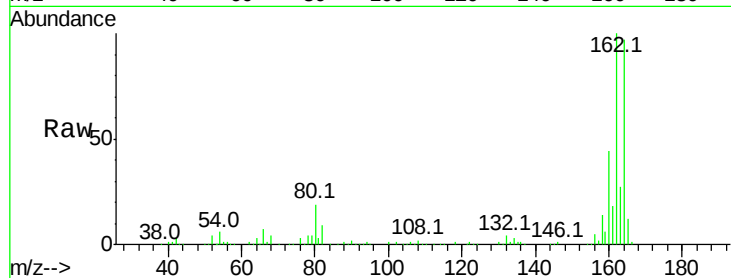




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

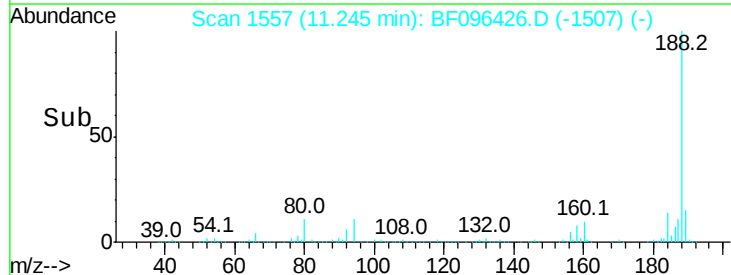
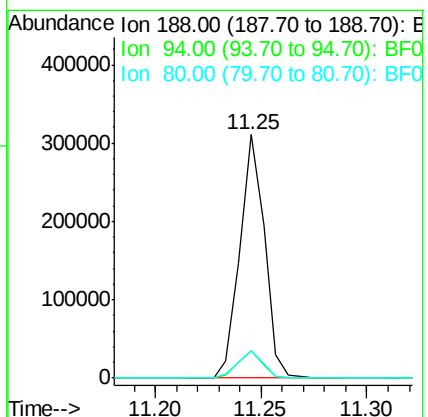
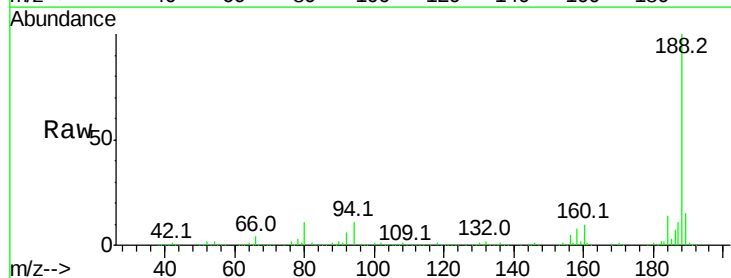
Instrument :
 BNA_F
 ClientSampleId :

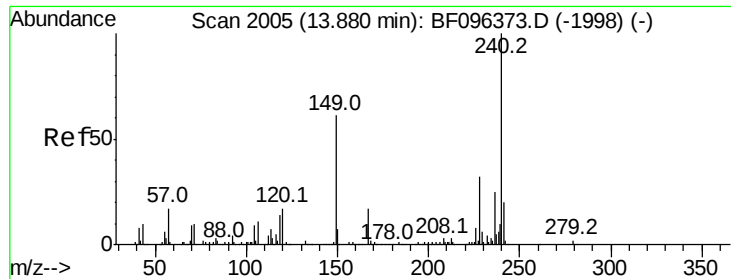
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096426.D
 Acq: 2 Jul 2017 19:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

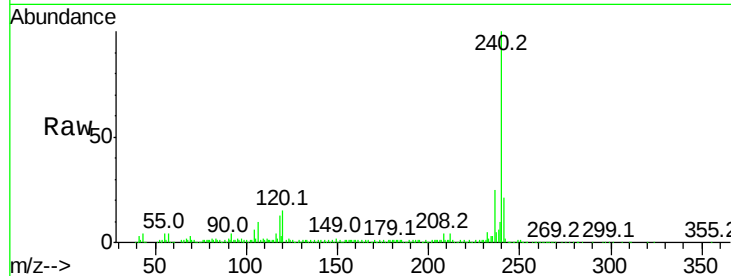
Tot Ion:240 Resp: 200294

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

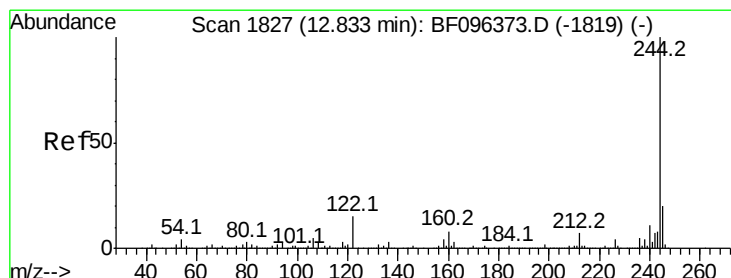
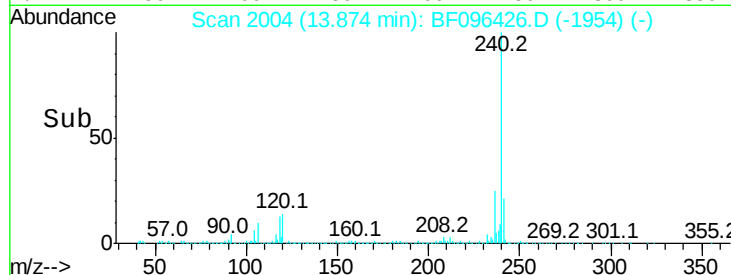
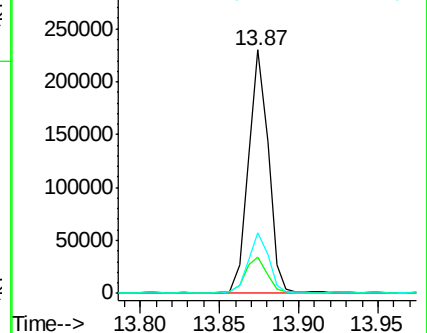
236 24.8 20.5 30.7



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: 7.15 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096426.D

Acq: 2 Jul 2017 19:55

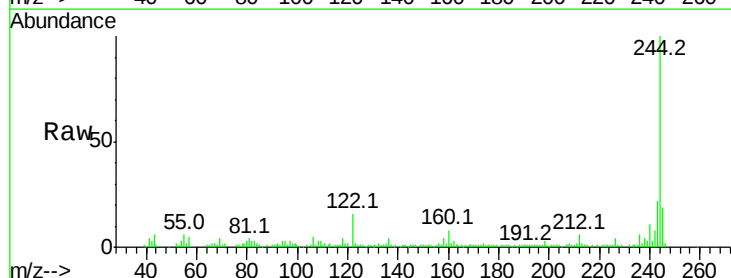
Tgt Ion:244 Resp: 67019

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

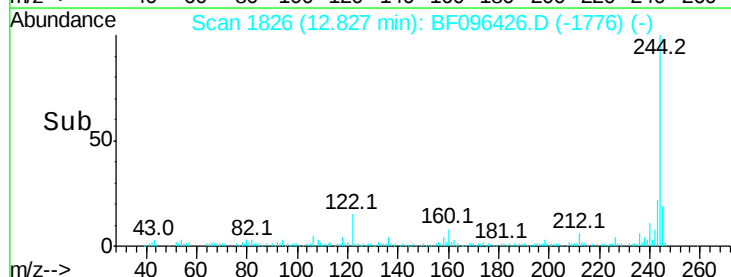
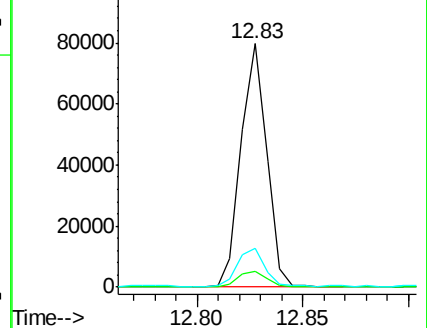
122 15.8 10.3 15.5#

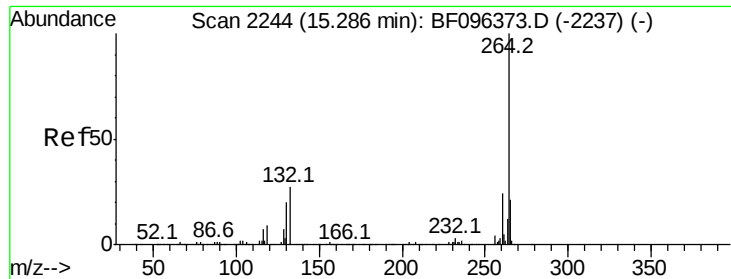


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

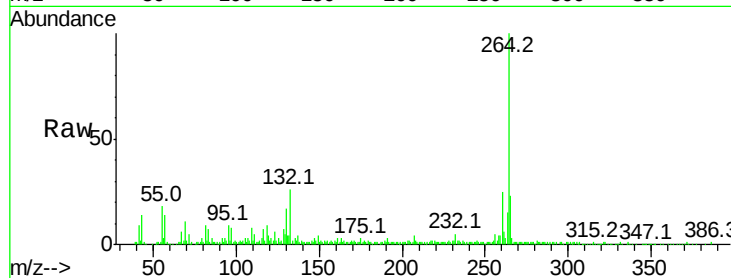




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF096426.D
Acq: 2 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	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

