

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096475.D
 Acq On : 5 Jul 2017 11:13
 Operator : SJ/MA
 Sample : I3950-14RE 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 13:16:41 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

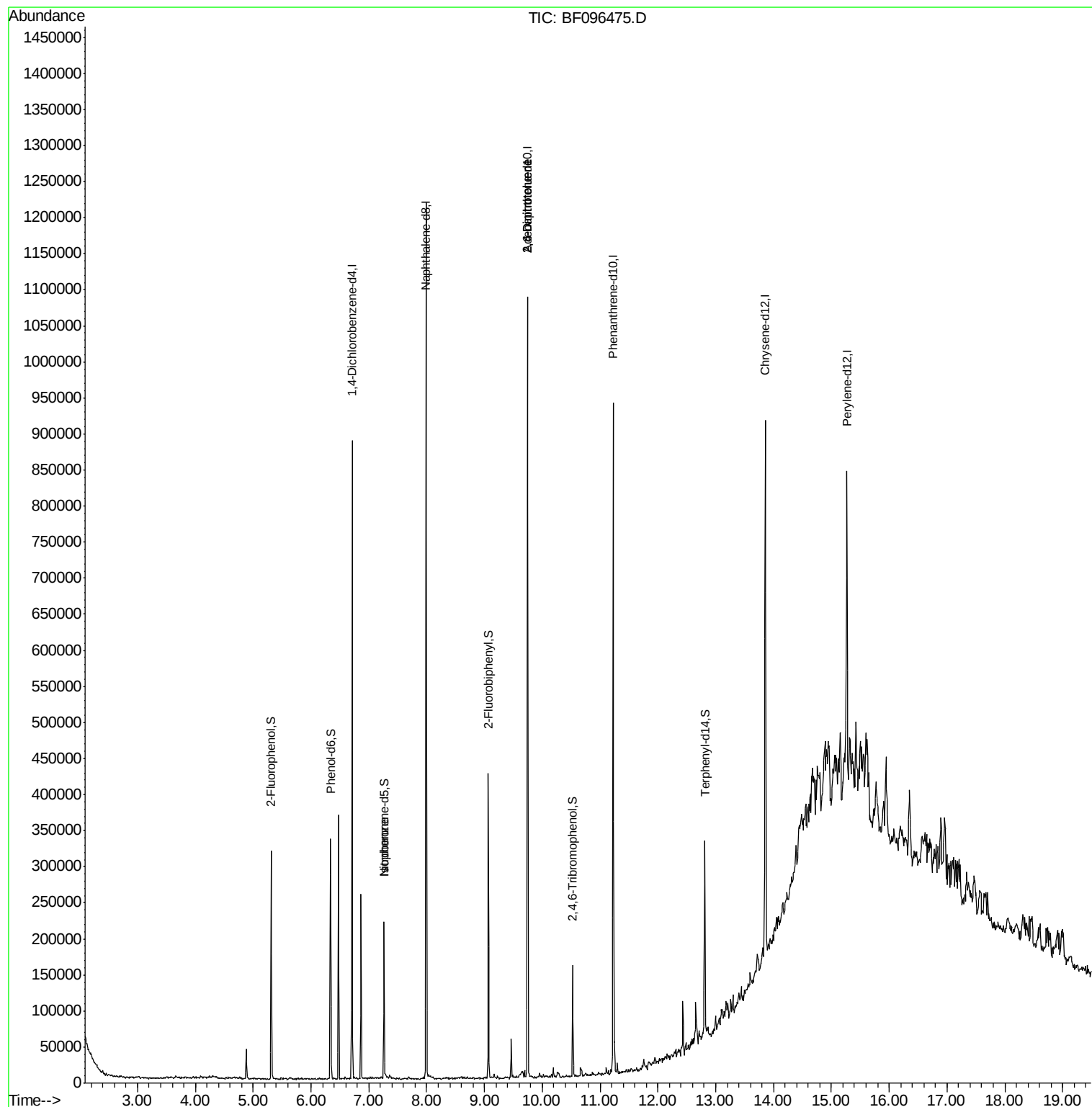
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118255	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	497055	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	208757	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	315701	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	239801	20.00	ng	-0.02
86) Perylene-d12	15.27	264	197454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	80513	10.05	ng	-0.03
7) Phenol-d6	6.34	99	99236	10.08	ng	-0.04
23) Nitrobenzene-d5	7.26	82	54832	6.63	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	14750	9.05	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	112134	9.18	ng	-0.03
78) Terphenyl-d14	12.81	244	74665	6.65	ng	-0.02
Target Compounds						
25) Isophorone	7.26	82	54661	3.41	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	25574	7.42	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	25574	5.86	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: 6.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Instrument :

BNA_F

ClientSampleId :

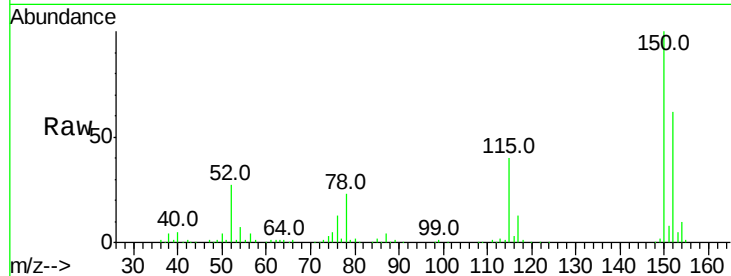
Tot Ion:152 Resp: 118255

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

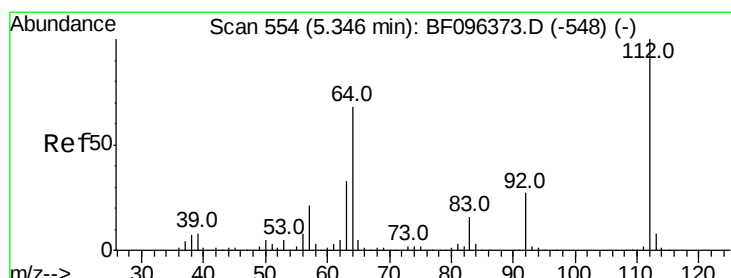
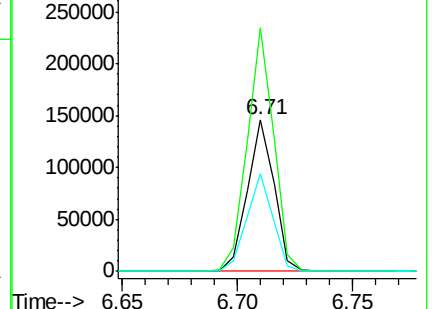
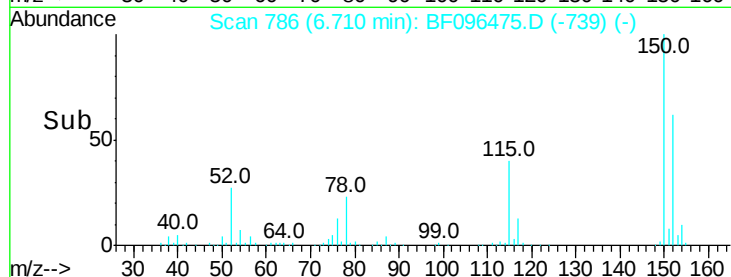
115 64.0 52.2 78.2



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: 10.05 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

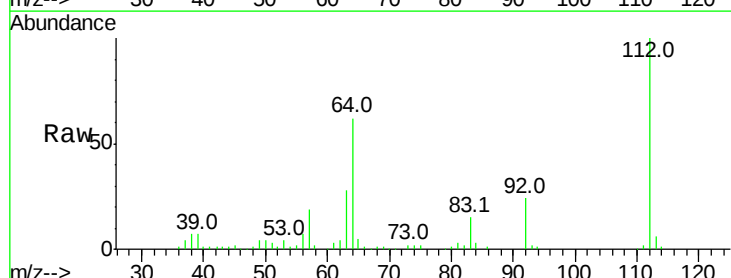
Tgt Ion:112 Resp: 80513

Ion Ratio Lower Upper

112 100

64 62.0 46.0 69.0

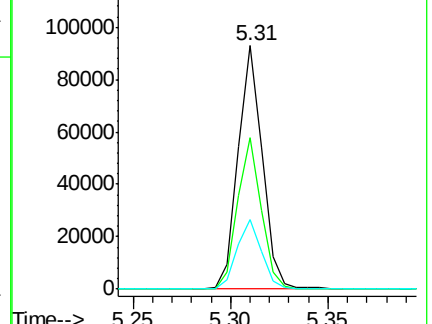
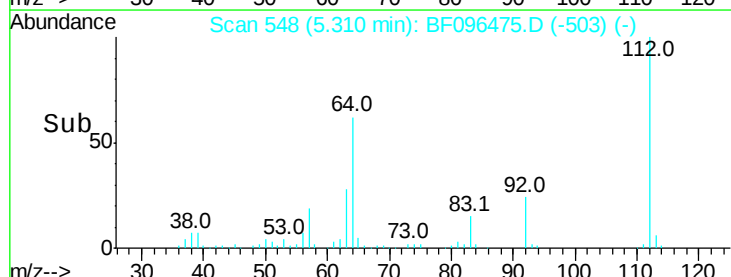
63 28.4 23.4 35.0



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: 10.08 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

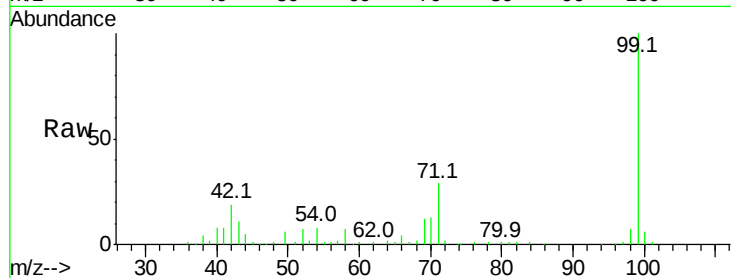
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 99236

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	28.5	24.5	36.7

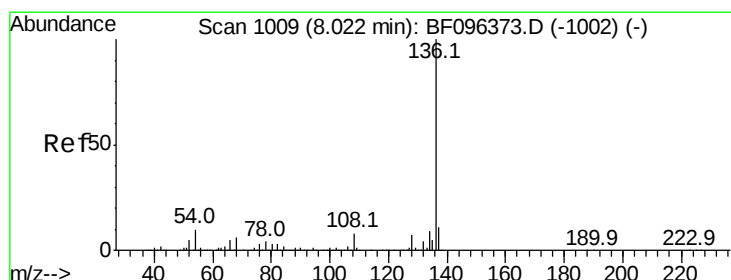
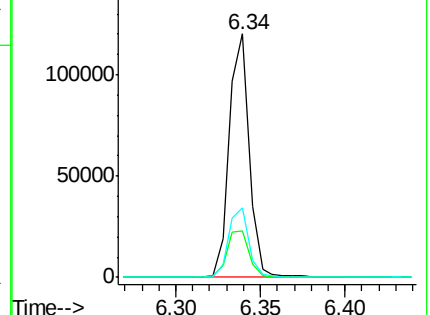
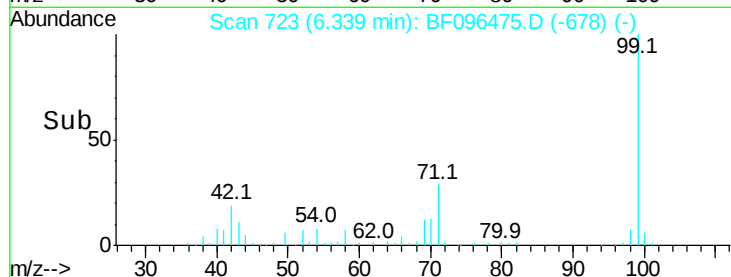


Abundance

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: 7.99 min Scan# 1004

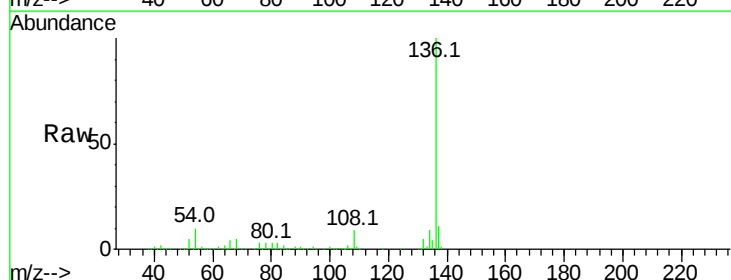
Delta R.T. -0.03 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Tgt Ion: 136 Resp: 497055

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.1	4.9	7.3#
68	5.3	4.1	6.1



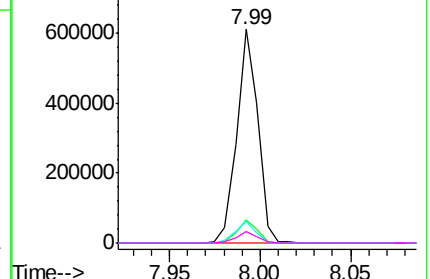
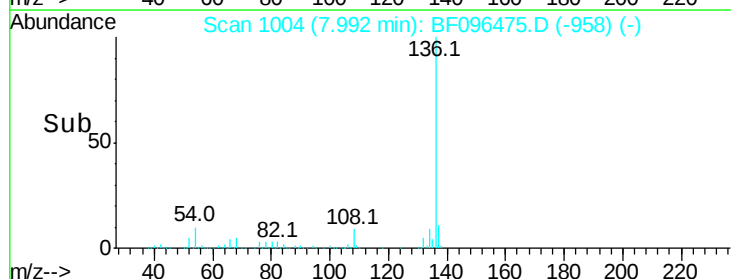
Abundance

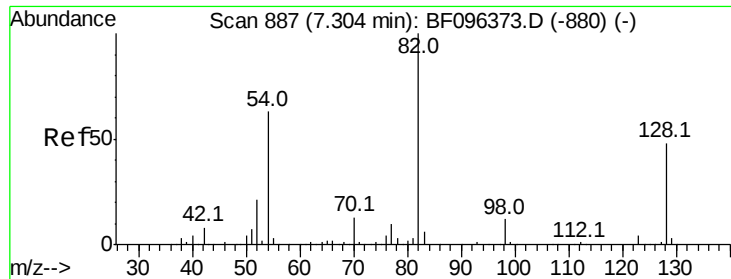
Ion 136.00 (135.70 to 136.70): E

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

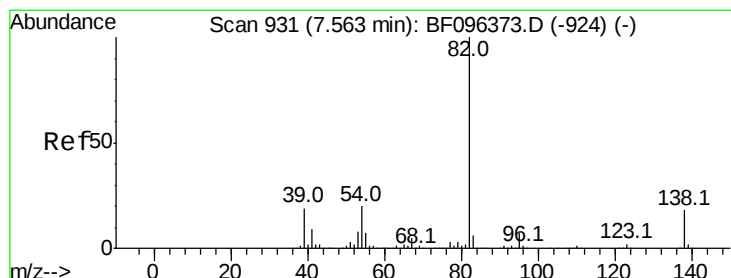
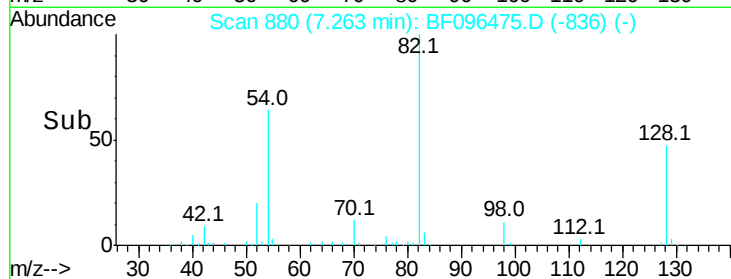
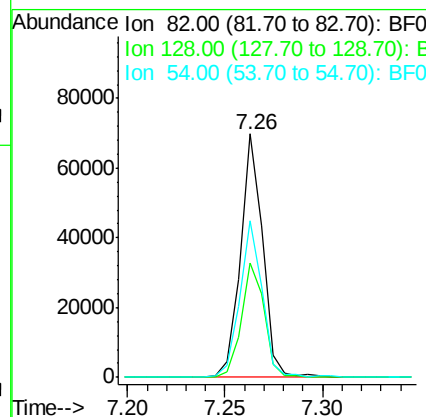
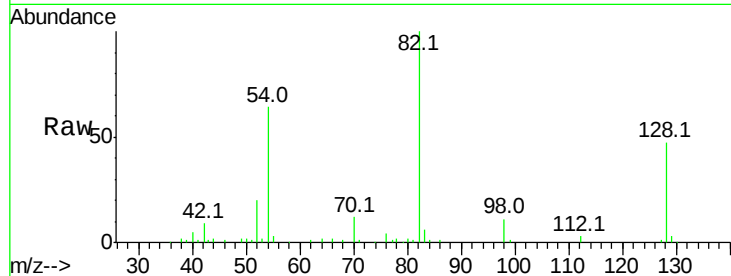




#23
 Nitrobenzene-d5
 Concen: 6.63 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.04 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

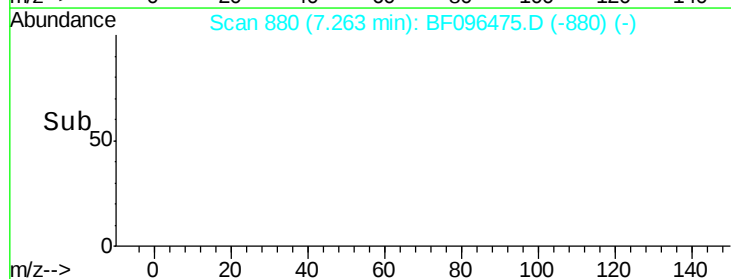
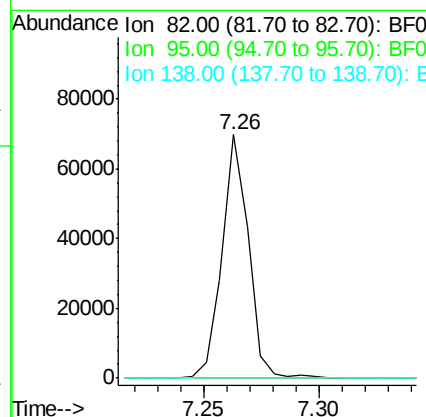
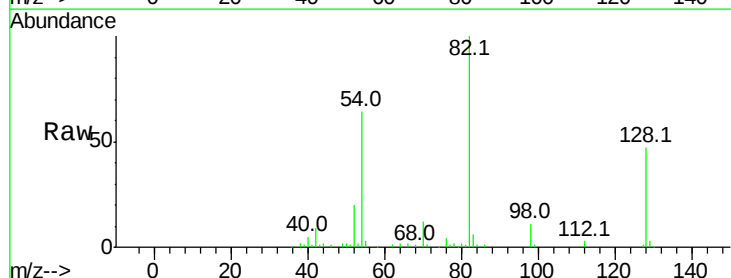
Instrument :
 BNA_F
 ClientSampled :

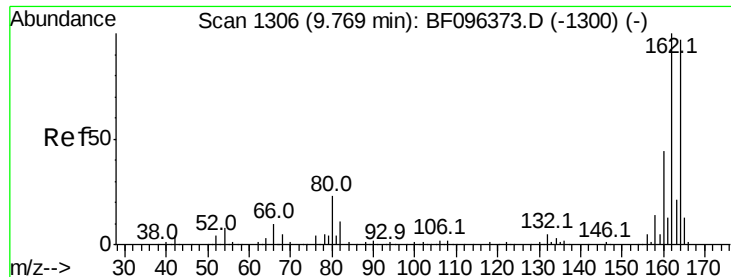
Tot Ion: 82 Resp: 54832
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 64.2 42.2 63.2#



#25
 Isophorone
 Concen: 3.41 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.30 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Tgt Ion: 82 Resp: 54661
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

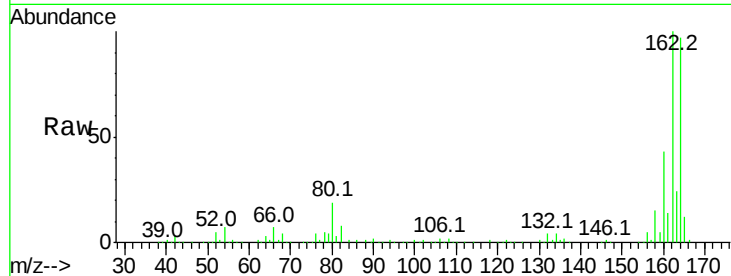




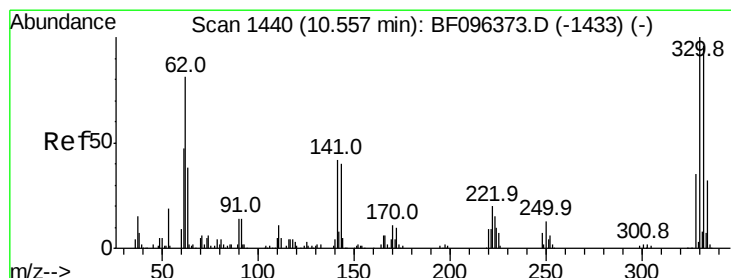
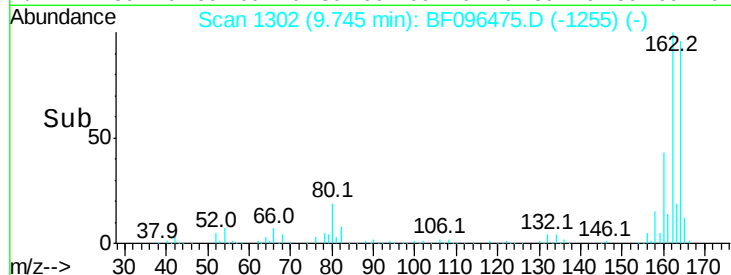
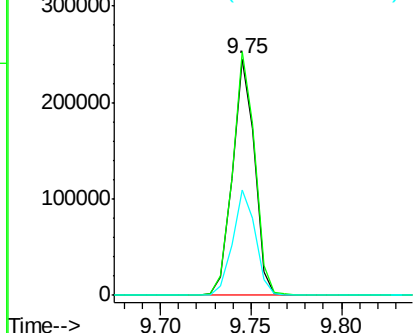
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 208757
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.7 36.2 54.2

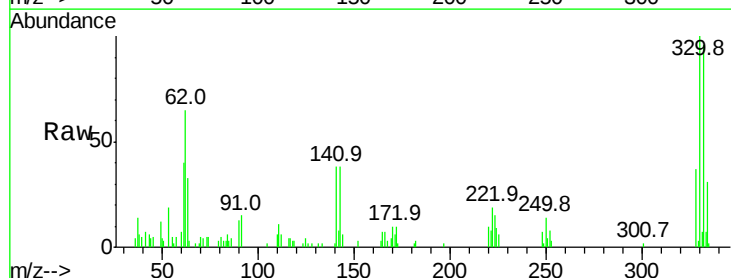


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

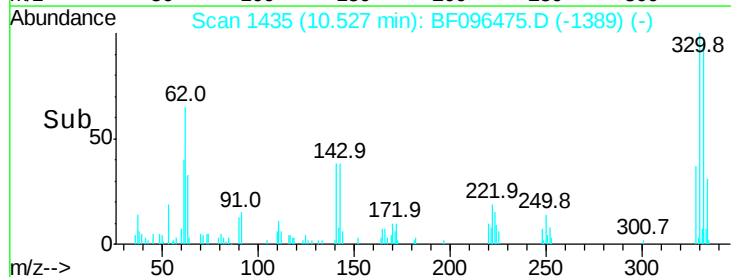
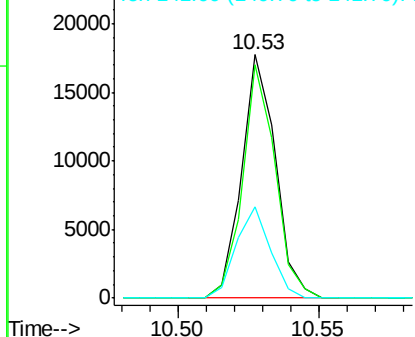


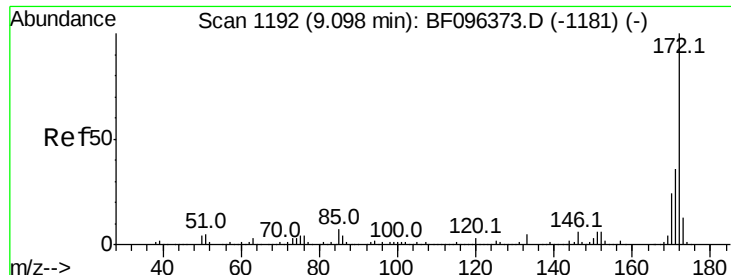
#41
2,4,6-Tribromophenol
Concen: 9.05 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.03 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Tgt Ion:330 Resp: 14750
Ion Ratio Lower Upper
330 100
332 92.5 76.6 115.0
141 37.9 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

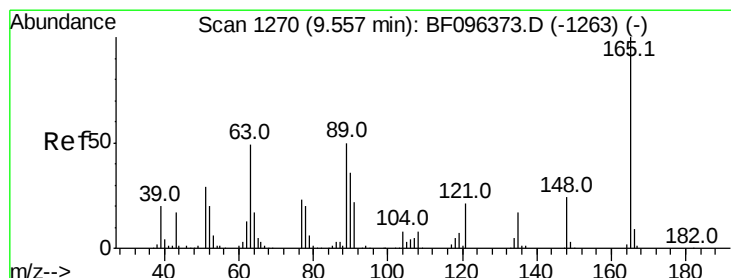
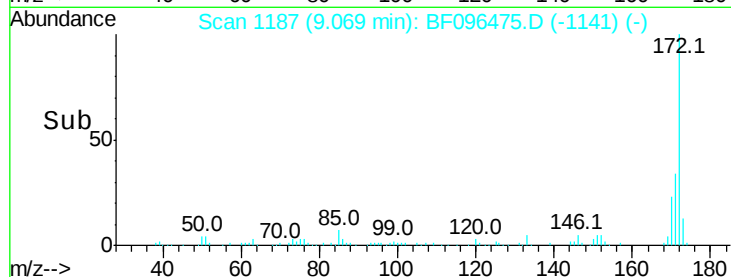
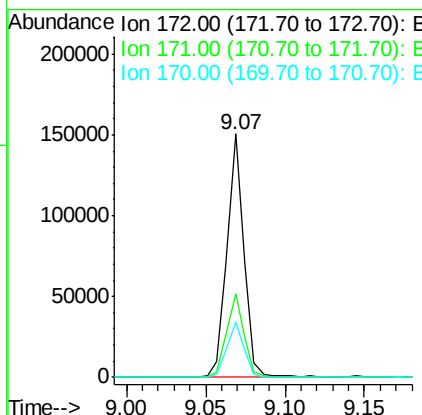
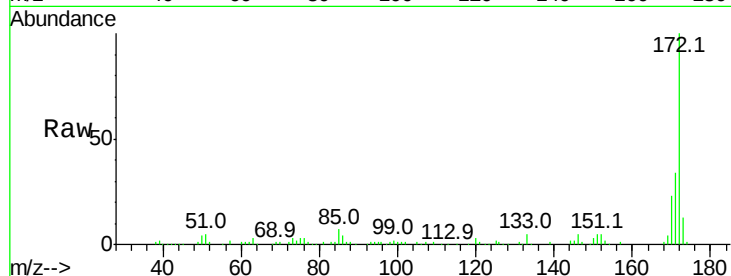




#44
 2-Fluorobiphenyl
 Concen: 9.18 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

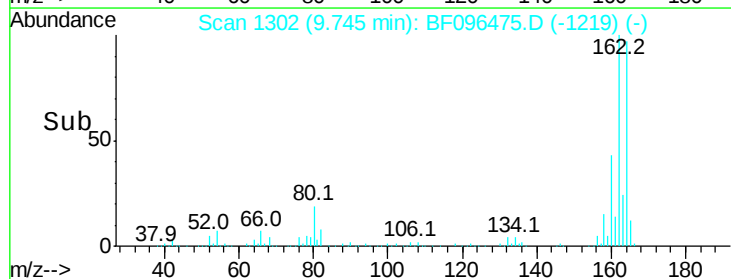
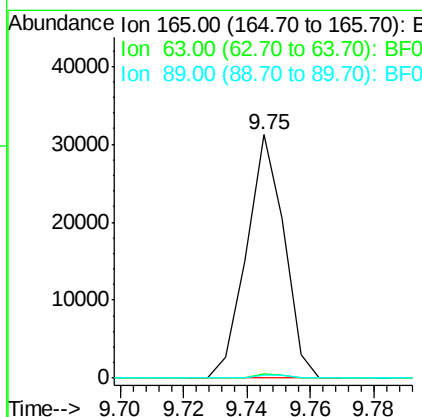
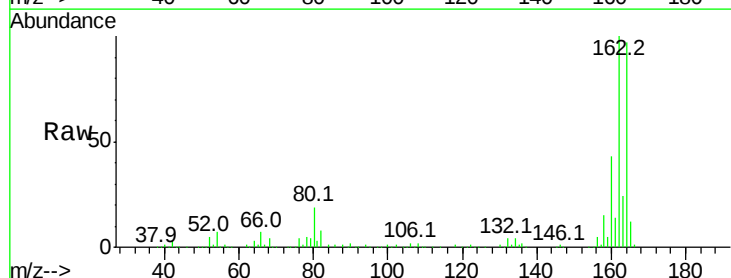
Instrument :
 BNA_F
 ClientSampleId :

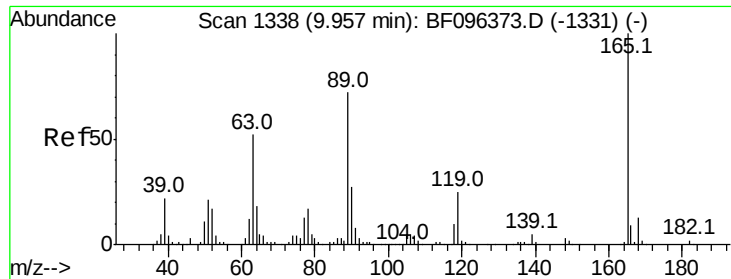
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	22.8	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.1	37.1	55.7#

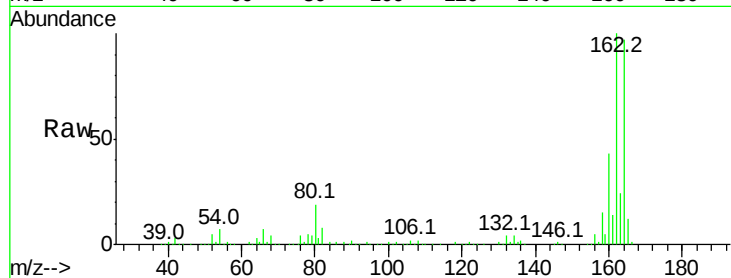




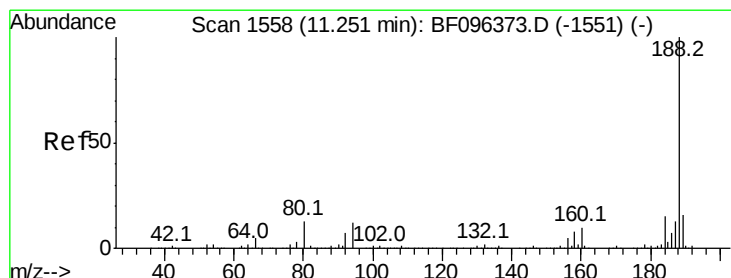
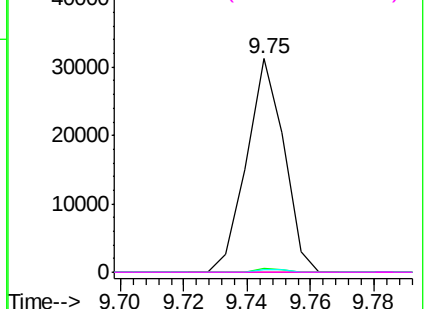
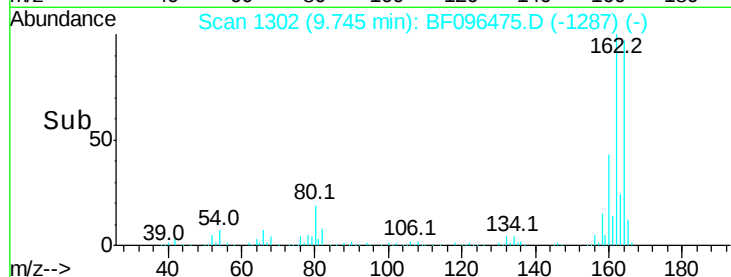
#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25574
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

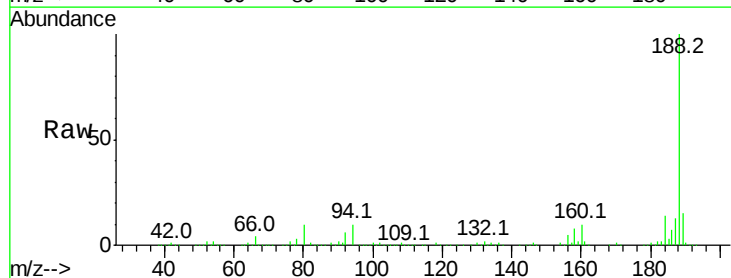


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

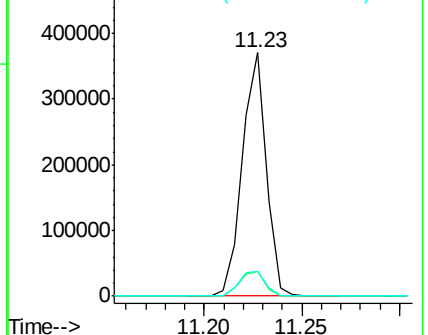
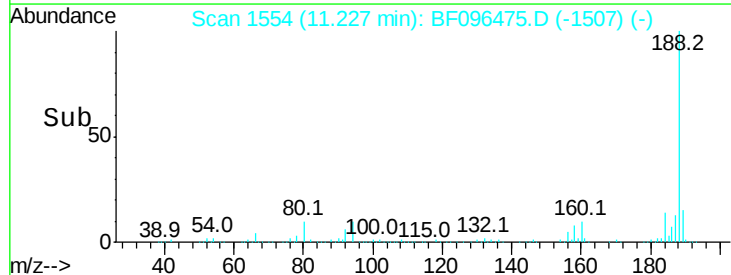


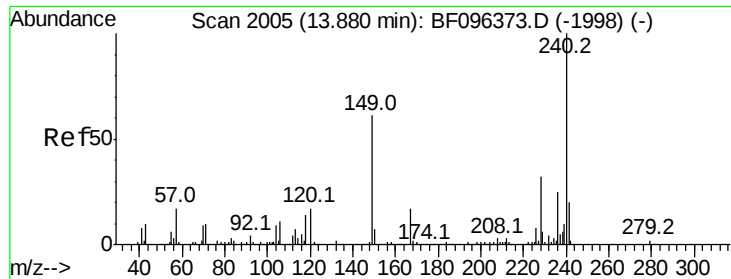
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF096475.D
 Acq: 5 Jul 2017 11:13

Tgt Ion:188 Resp: 315701
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.3 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

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

Instrument :

BNA_F

ClientSampleId :

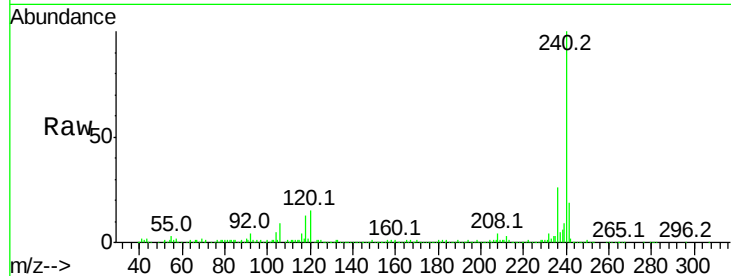
Tot Ion:240 Resp: 239801

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

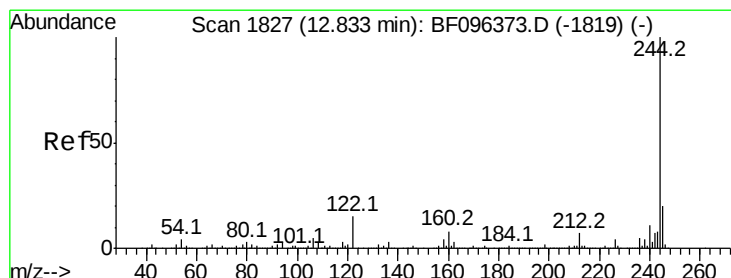
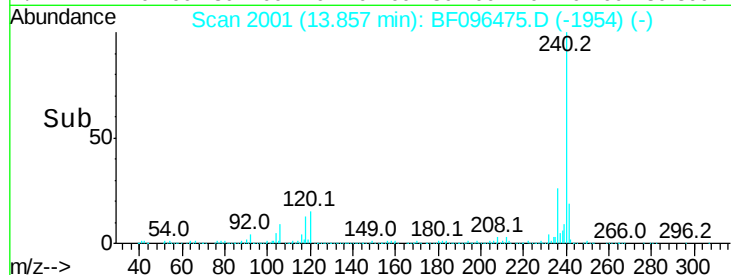
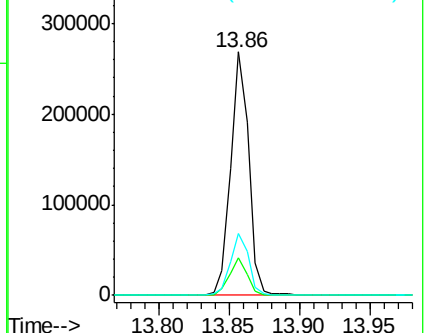
236 25.6 20.5 30.7



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: 6.65 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096475.D

Acq: 5 Jul 2017 11:13

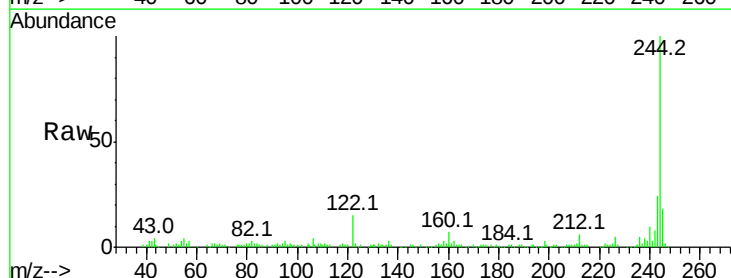
Tgt Ion:244 Resp: 74665

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

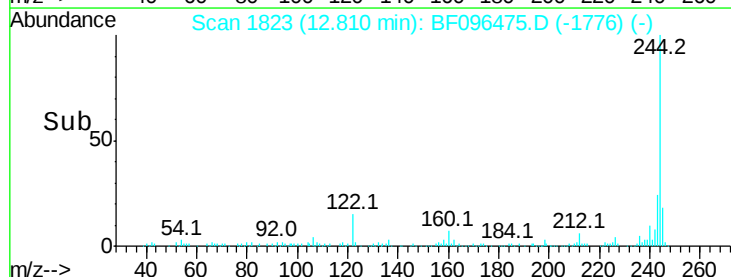
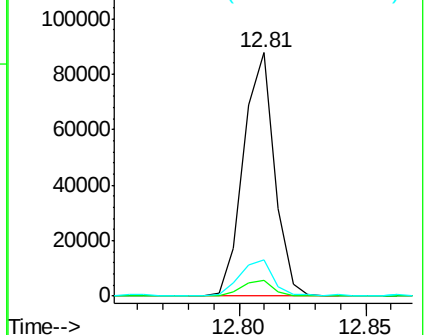
122 15.0 10.3 15.5

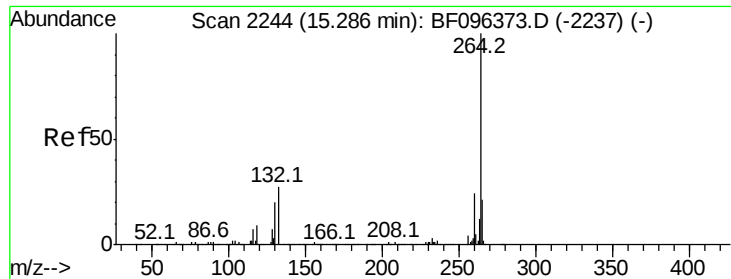


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

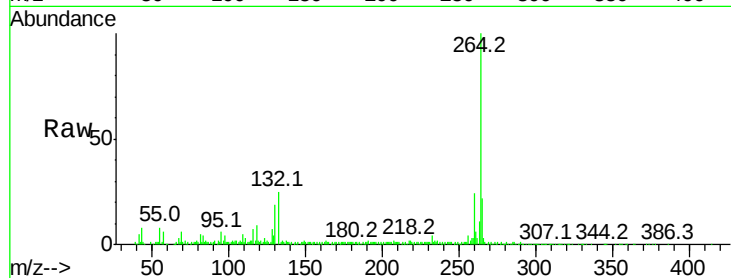




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF096475.D
Acq: 5 Jul 2017 11:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	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

