

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096582.D
 Acq On : 8 Jul 2017 2:00
 Operator : SJ/MA
 Sample : I4075-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 04:13:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

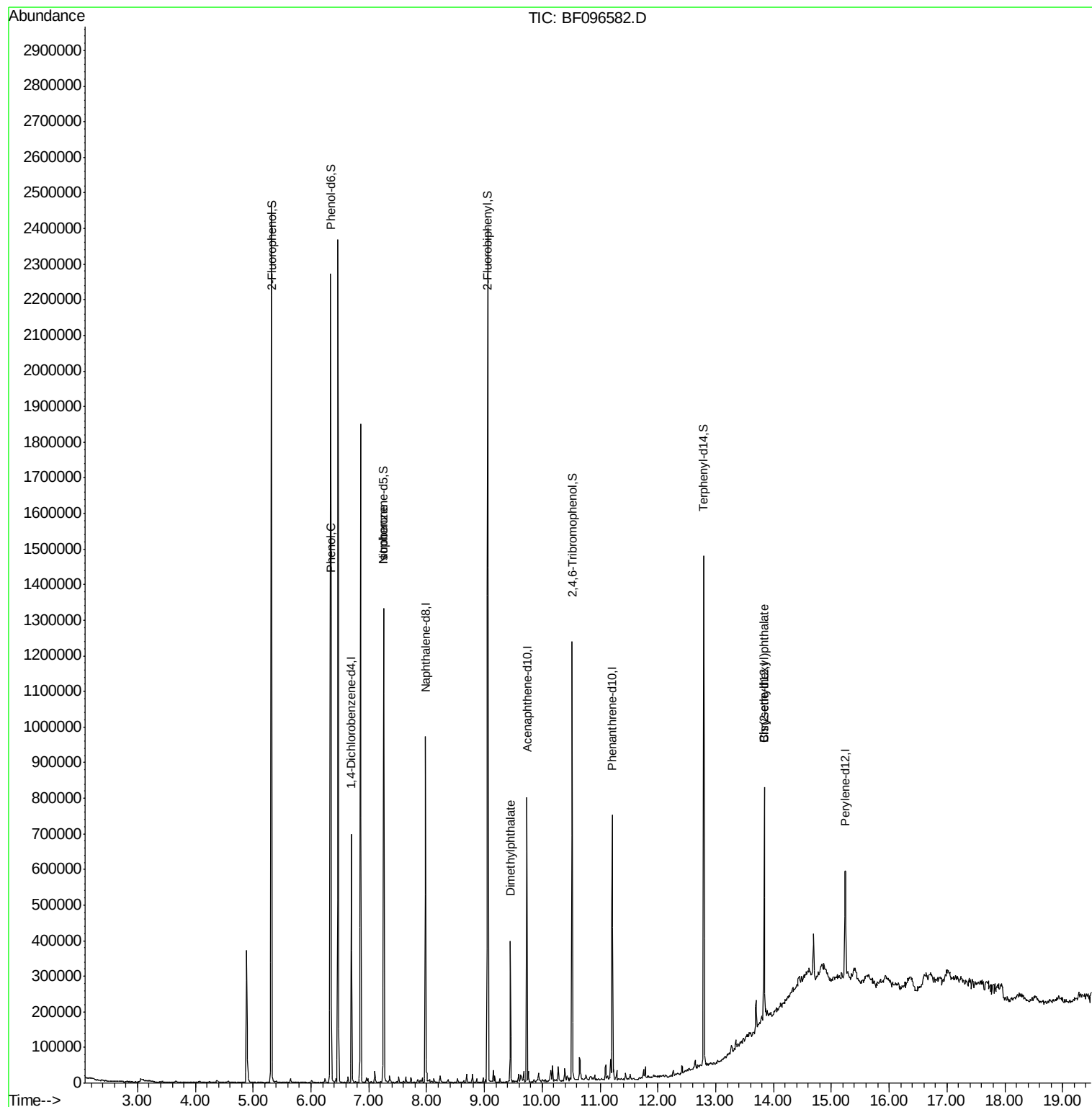
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91723	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	395313	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	152165	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	241562	20.00	ng	0.00
75) Chrysene-d12	13.84	240	175699	20.00	ng	0.00
86) Perylene-d12	15.24	264	129810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	707750	113.89	ng	0.00
7) Phenol-d6	6.34	99	756716	99.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	407268	61.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	129809	109.21	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	707222	79.47	ng	0.00
78) Terphenyl-d14	12.80	244	464568	56.50	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27256	3.13	ng	97
25) Isophorone	7.26	82	406949	31.90	ng	# 67
49) Dimethylphthalate	9.45	163	148608	13.08	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	28899	3.63	ng	96

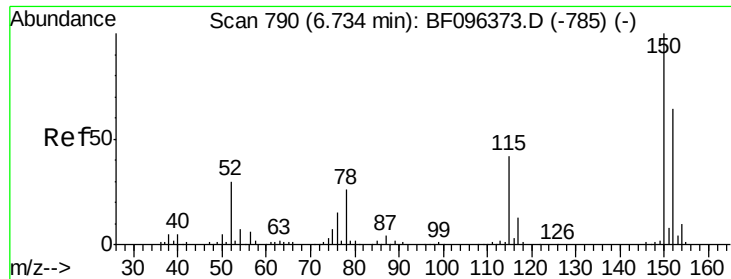
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

Instrument :

BNA_F

ClientSampled :

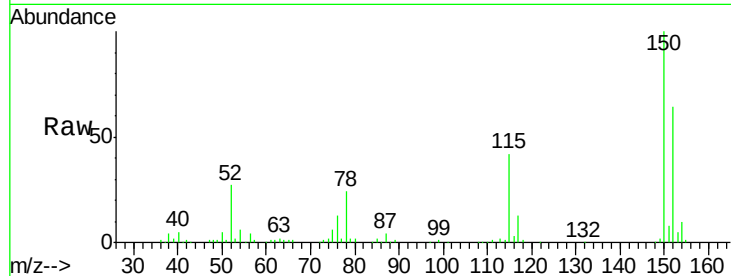
Tot Ion:152 Resp: 91723

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

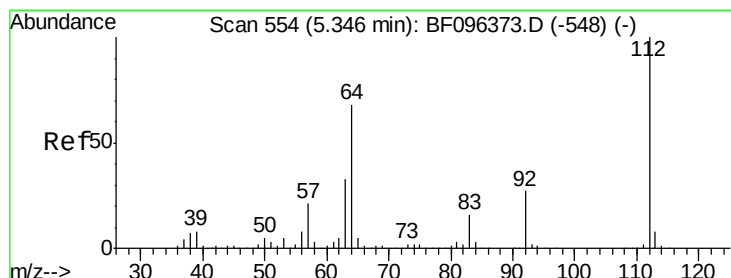
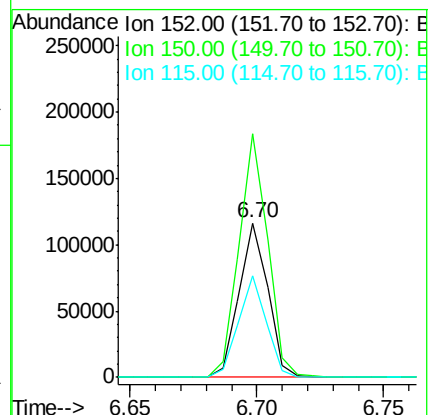
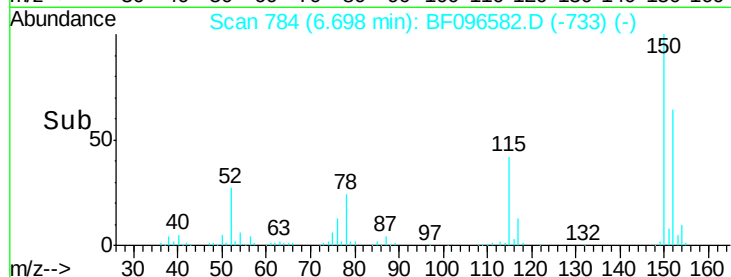
115 65.5 52.2 78.2



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: 113.89 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

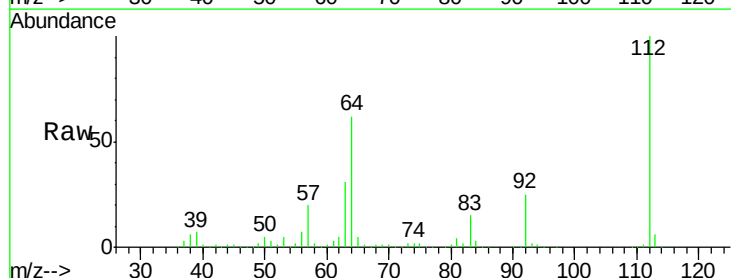
Tgt Ion:112 Resp: 707750

Ion Ratio Lower Upper

112 100

64 62.2 46.0 69.0

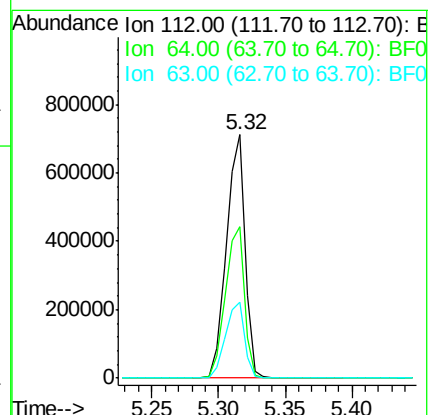
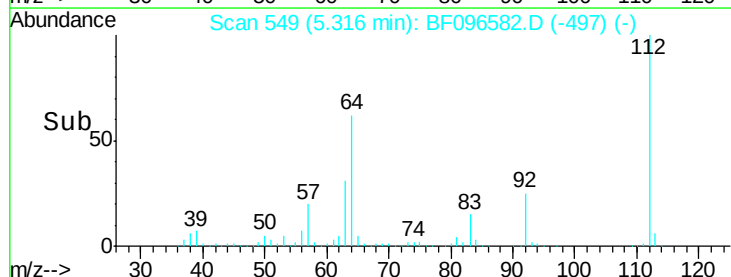
63 31.2 23.4 35.0

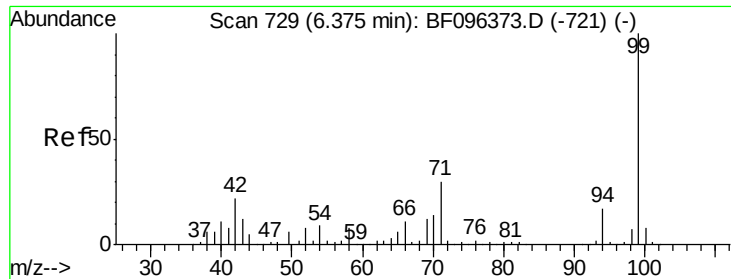


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.05 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

Instrument :

BNA_F

ClientSampled :

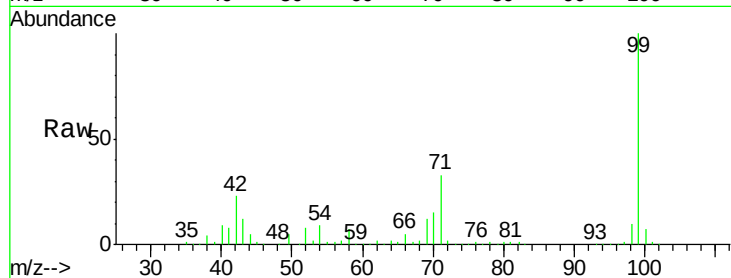
Tot Ion: 99 Resp: 756716

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

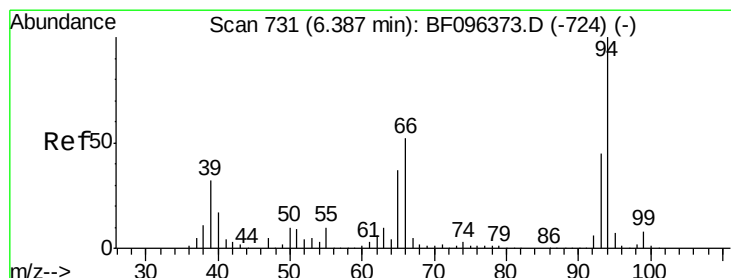
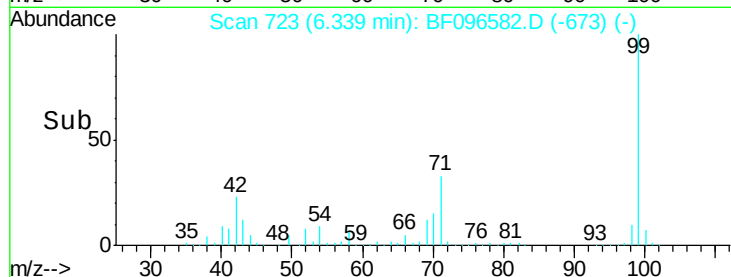
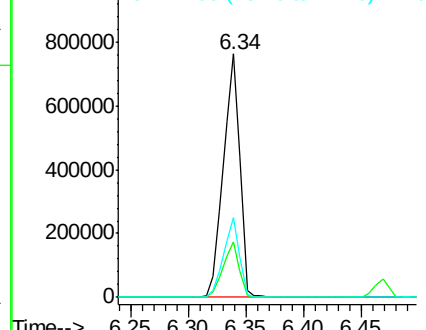
71 32.7 24.5 36.7



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



#10

Phenol

Concen: 3.13 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

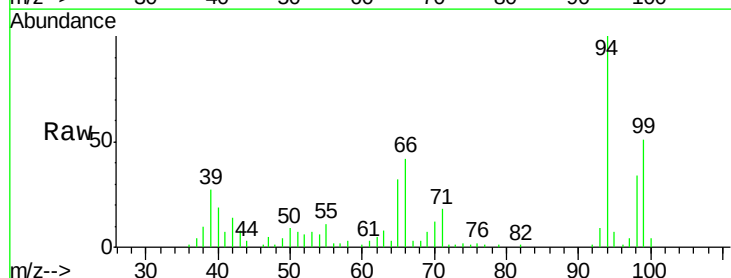
Tgt Ion: 94 Resp: 27256

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

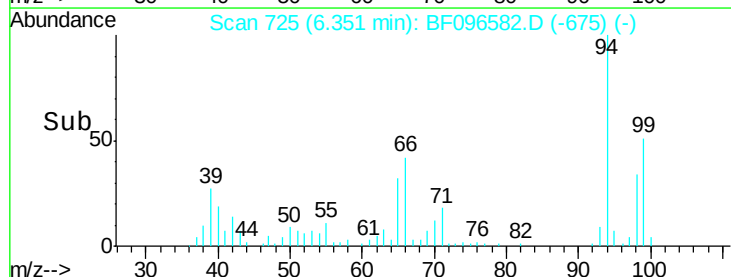
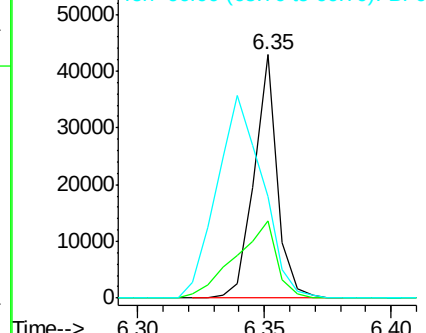
66 41.5 23.1 63.1

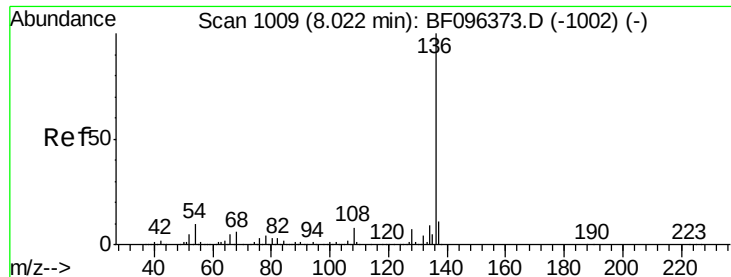


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

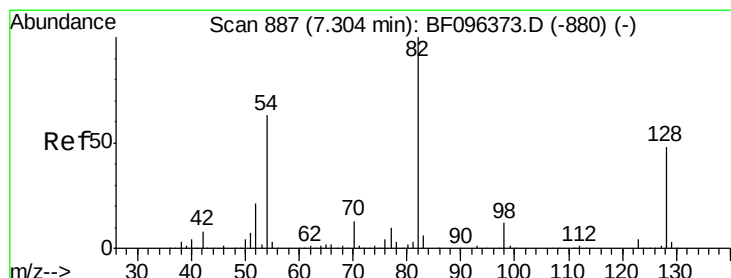
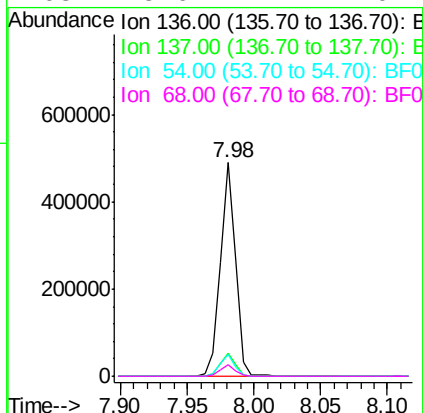
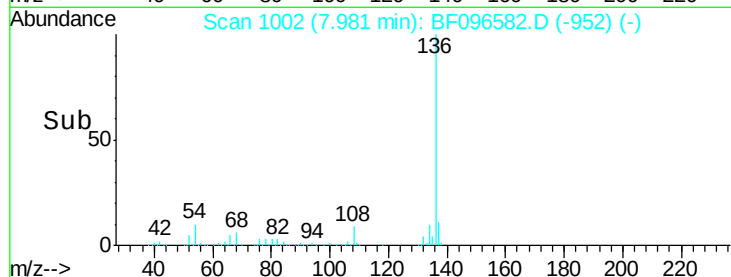
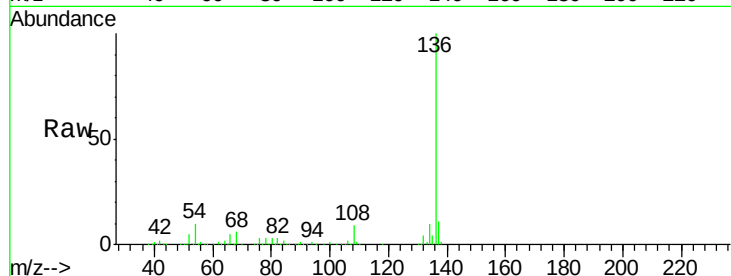




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

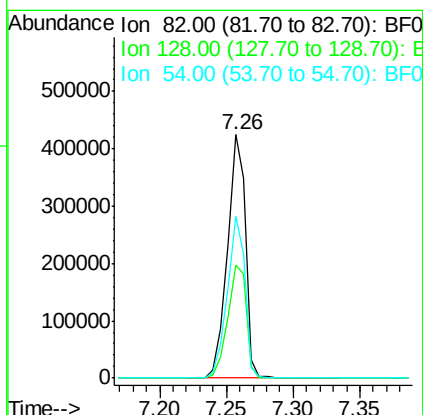
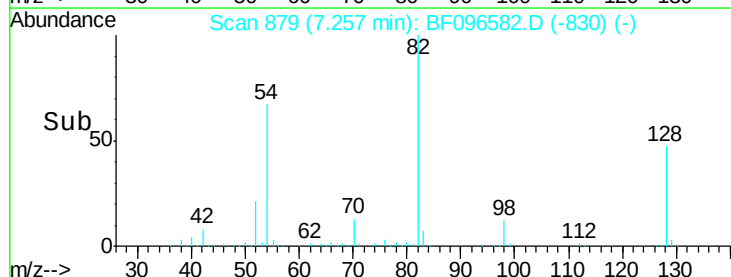
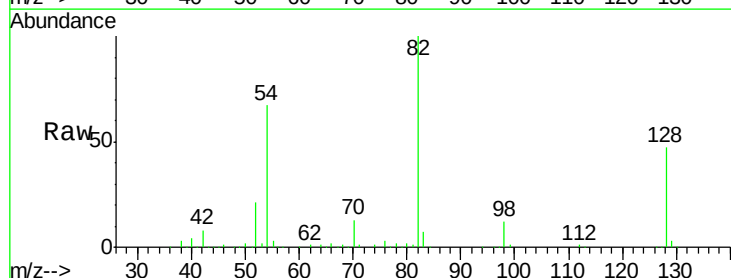
Instrument :
BNA_F
ClientSampleId :

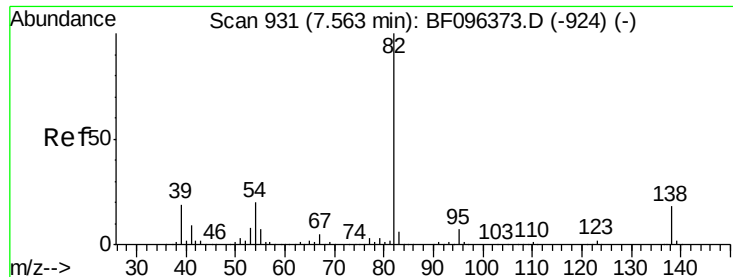
Tot Ion:136	Resp:	395313
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.0	4.9 7.3#
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 61.91 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion: 82	Resp:	407268
Ion Ratio	Lower	Upper
82	100	
128	46.6	34.0 51.0
54	66.6	42.2 63.2#

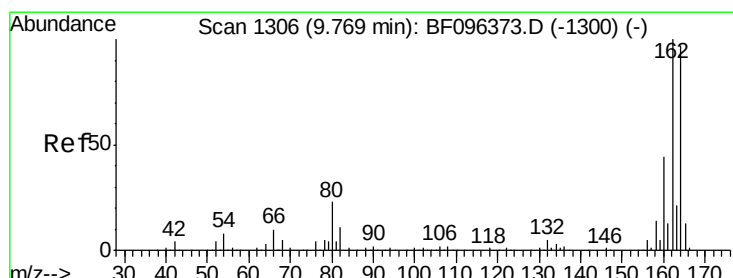
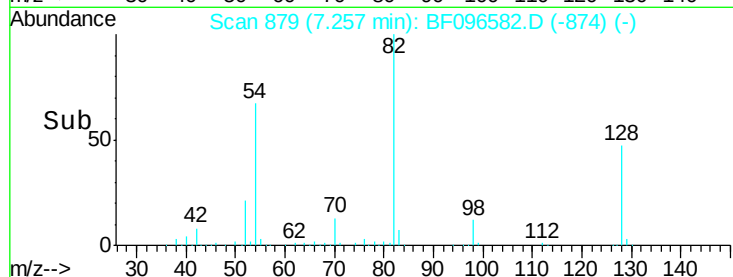
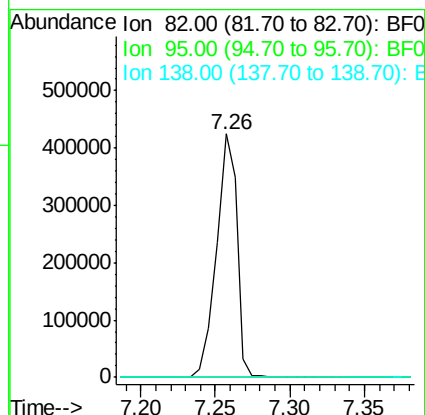
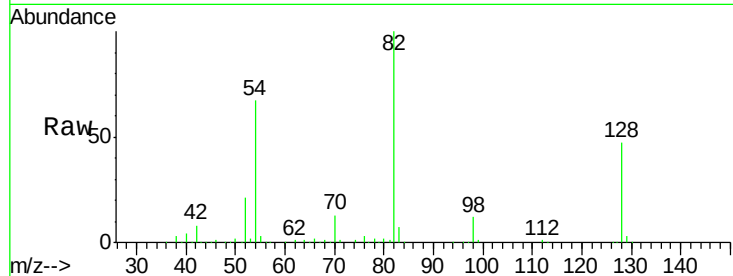




#25
Isophorone
Concen: 31.90 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

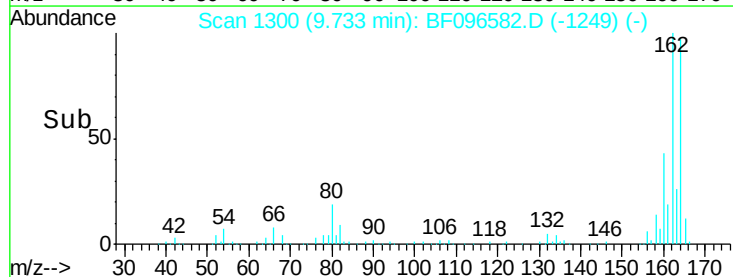
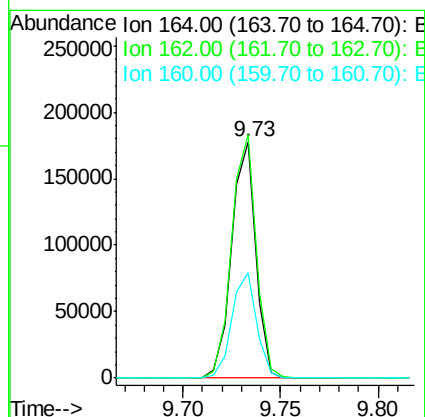
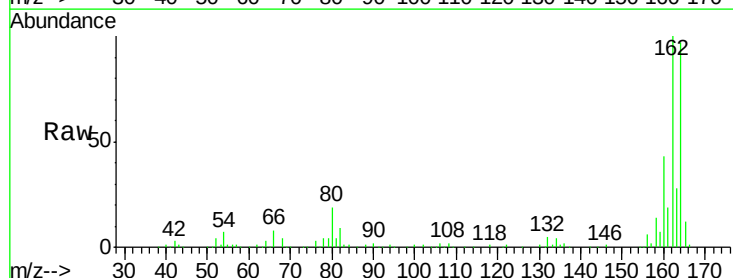
Instrument :
BNA_F
ClientSampleId :

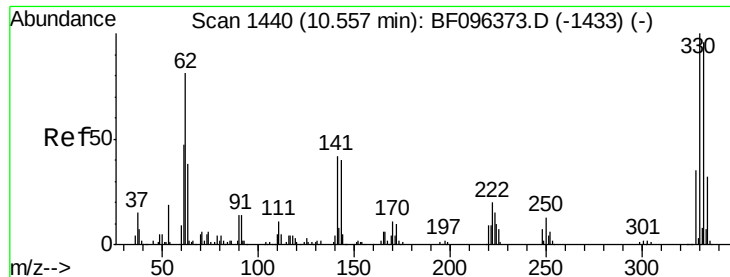
Tot Ion: 82 Resp: 406949
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion:164 Resp: 152165
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.6 36.2 54.2

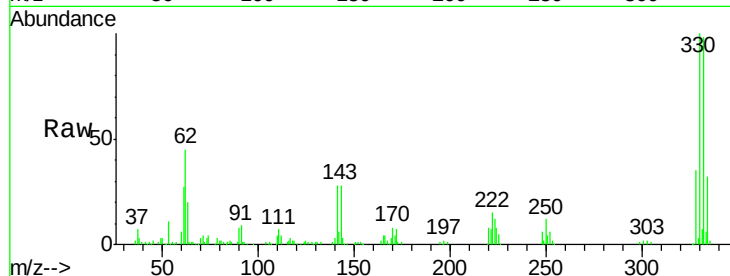




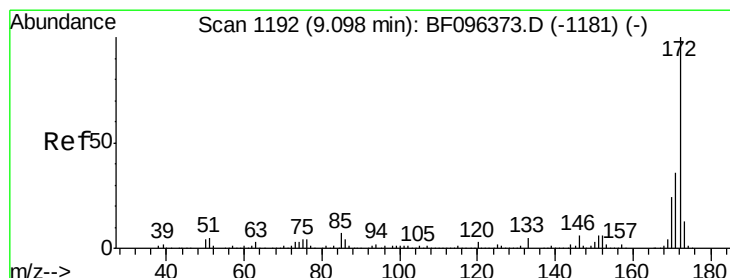
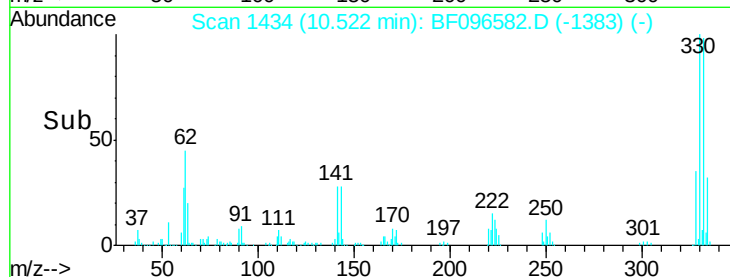
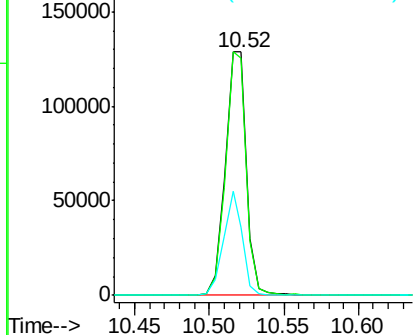
#41
 2,4,6-Tribromophenol
 Concen: 109.21 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.0	31.4	47.2

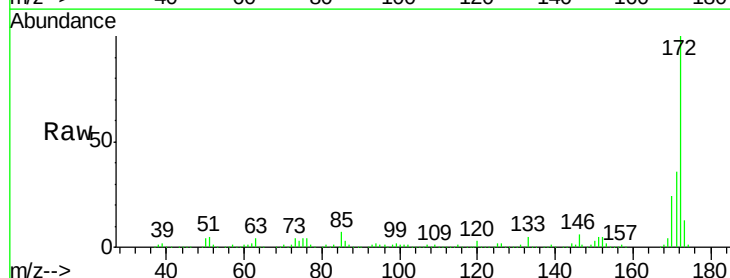


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

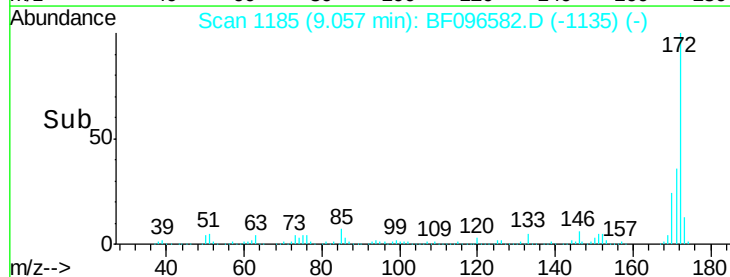
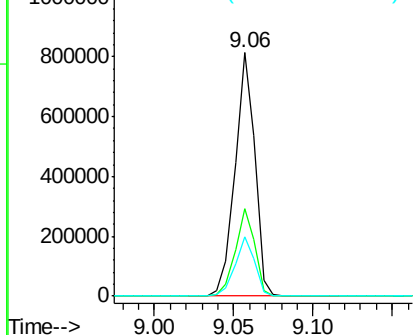


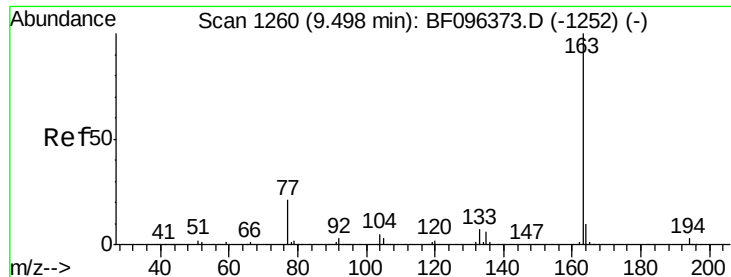
#44
 2-Fluorobiphenyl
 Concen: 79.47 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.2	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

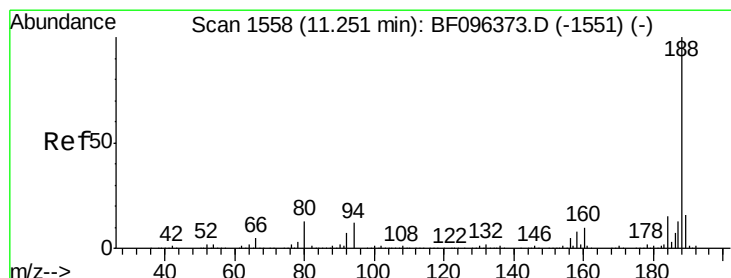
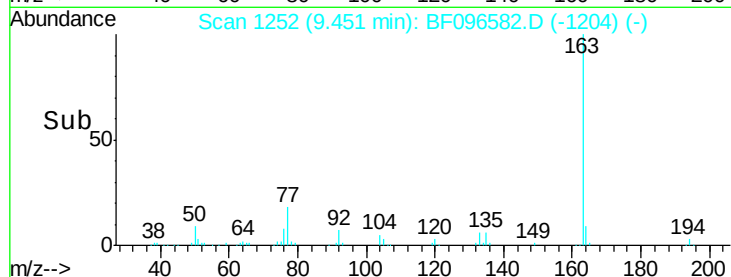
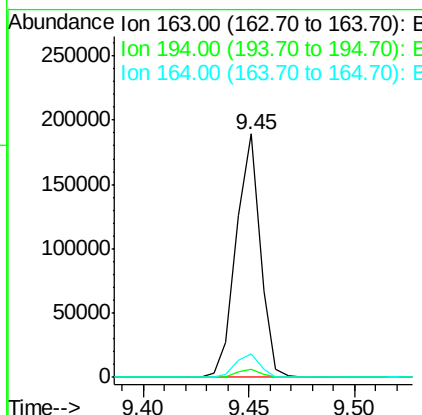
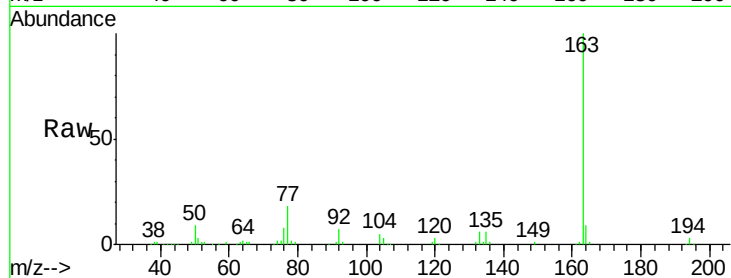




#49
Dimethylphthalate
Concen: 13.08 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

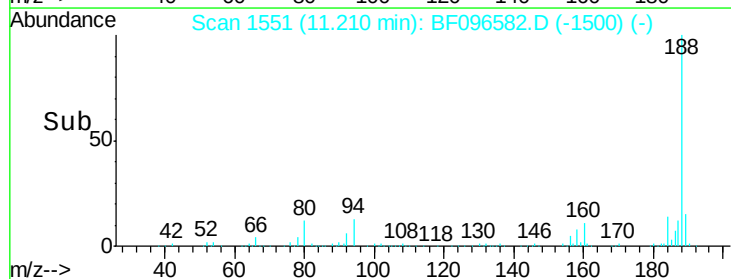
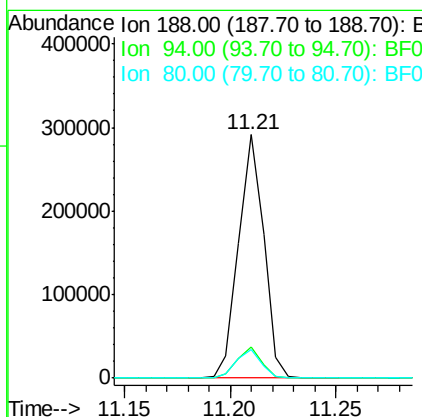
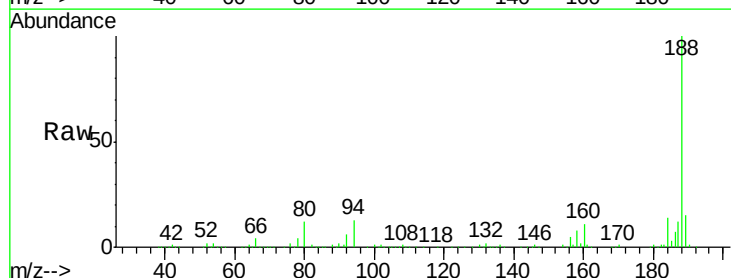
Instrument :
BNA_F
ClientSampleId :

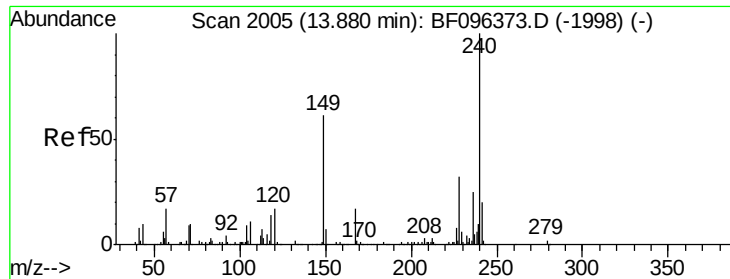
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.4	8.4	12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096582.D
Acq: 8 Jul 2017 2:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	11.9	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

Instrument :

BNA_F

ClientSampleId :

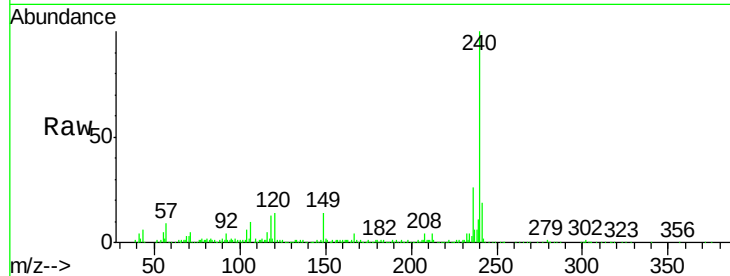
Tot Ion:240 Resp: 175699

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

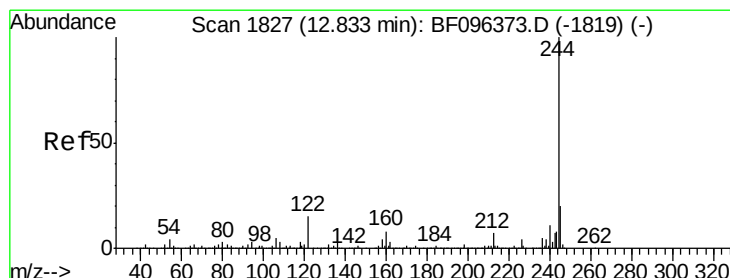
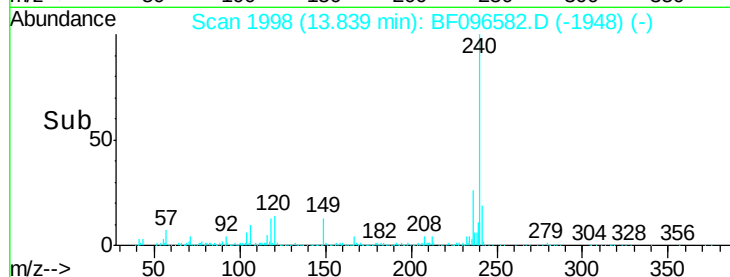
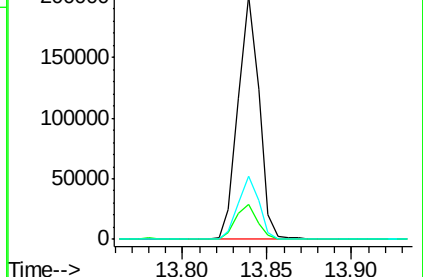
236 26.0 20.5 30.7



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: 56.50 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF096582.D

Acq: 8 Jul 2017 2:00

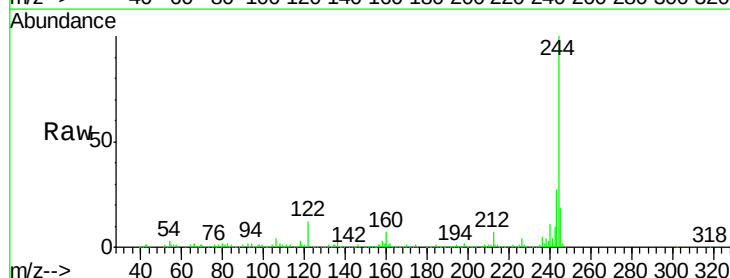
Tgt Ion:244 Resp: 464568

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

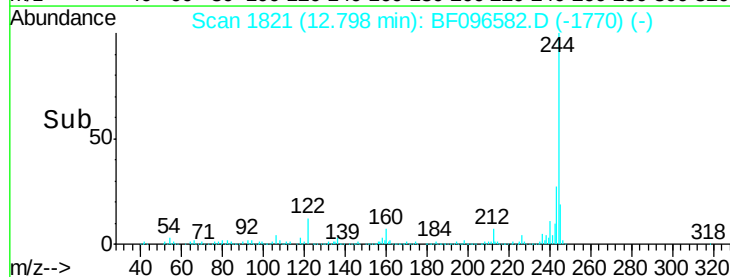
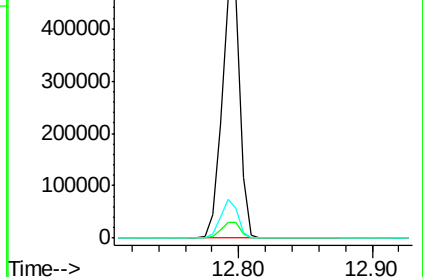
122 12.4 10.3 15.5

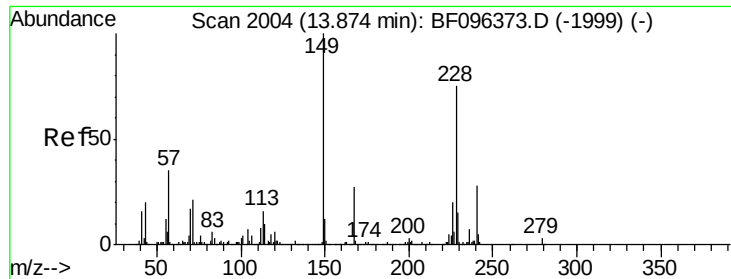


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

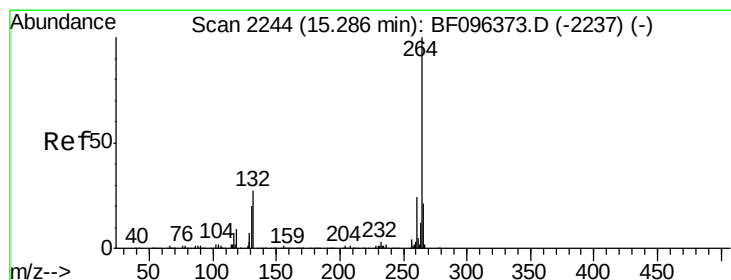
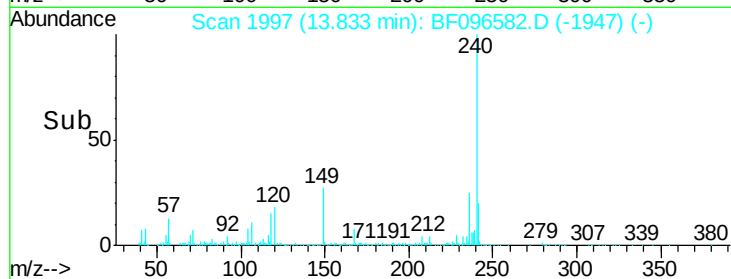
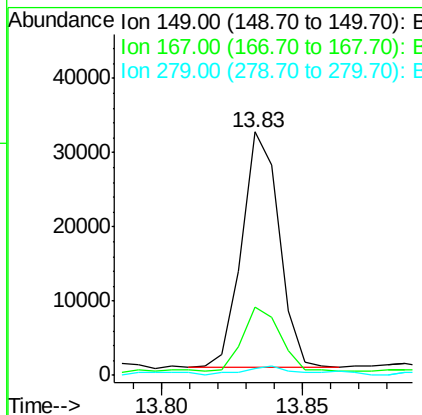
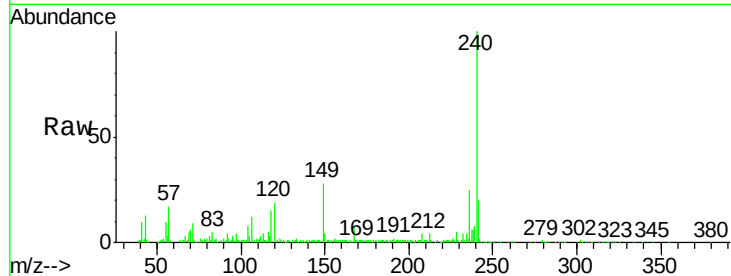




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.63 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 28899
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.0 31.4
 279 2.8 1.9 2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BF096582.D
 Acq: 8 Jul 2017 2:00

Tgt Ion:264 Resp: 129810
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 22.0 17.2 25.8

