

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097065.D
 Acq On : 26 Jul 2017 8:51
 Operator : SJ/JU
 Sample : I4399-07 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 11:46:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

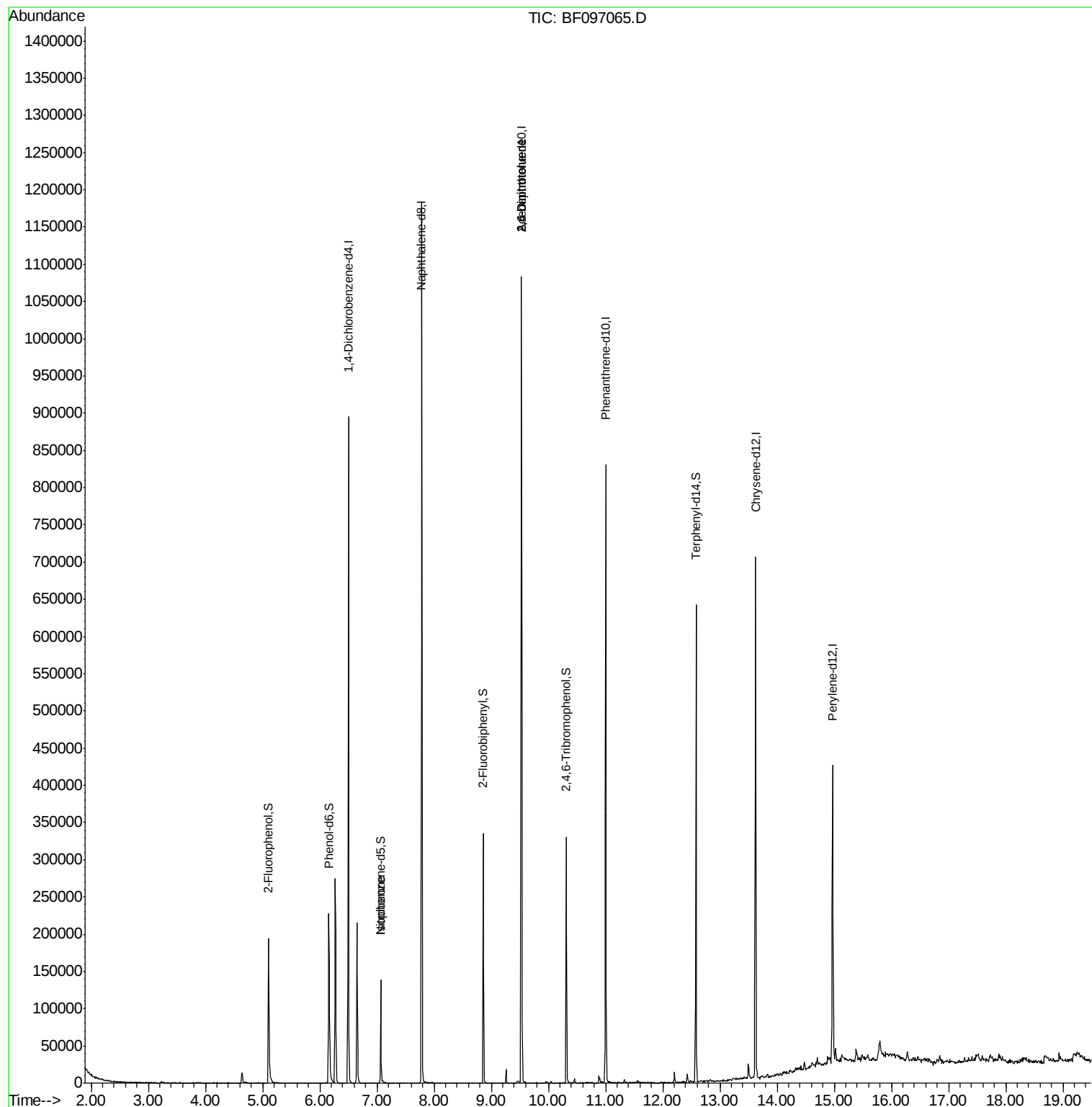
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	127784	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	495930	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	202169	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	278131	20.00	ng	0.00
75) Chrysene-d12	13.62	240	229511	20.00	ng	0.00
86) Perylene-d12	14.97	264	164373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	66488	7.84	ng	0.00
7) Phenol-d6	6.16	99	85324	8.82	ng	-0.01
23) Nitrobenzene-d5	7.06	82	42142	4.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	33529	20.99	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	92213	7.74	ng	-0.01
78) Terphenyl-d14	12.58	244	178224	15.83	ng	0.00
Target Compounds						
25) Isophorone	7.06	82	42141	2.545	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	25459	7.819	ng	# 32
56) 2,4-Dinitrotoluene	9.53	165	25459	6.801	ng	# 32

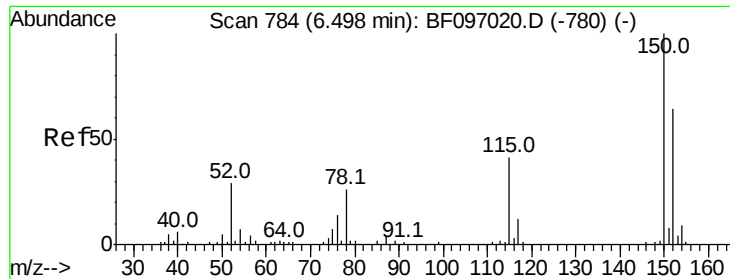
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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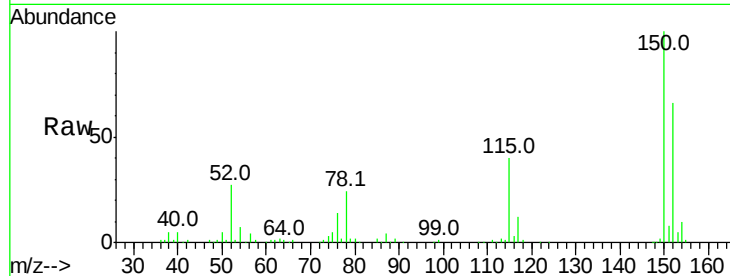


#1

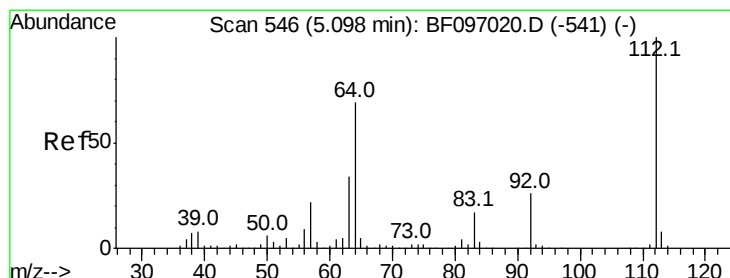
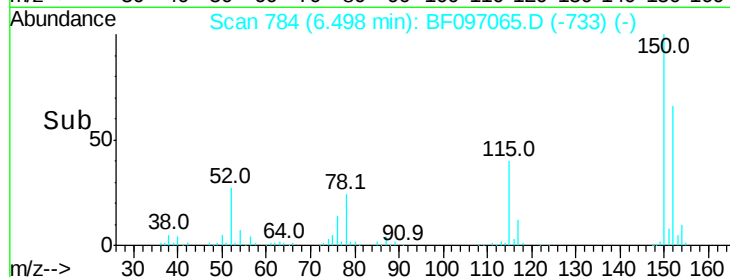
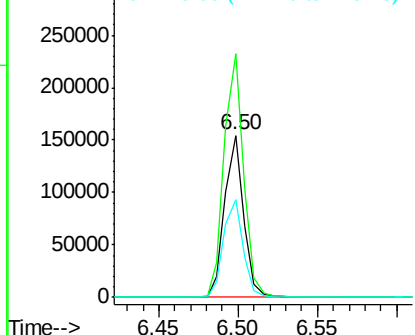
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097065.D
Acq: 26 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127784
Ion Ratio Lower Upper
152 100
150 150.5 126.2 189.2
115 60.3 52.2 78.2



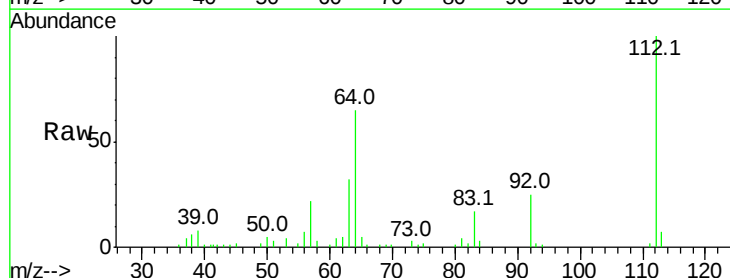
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



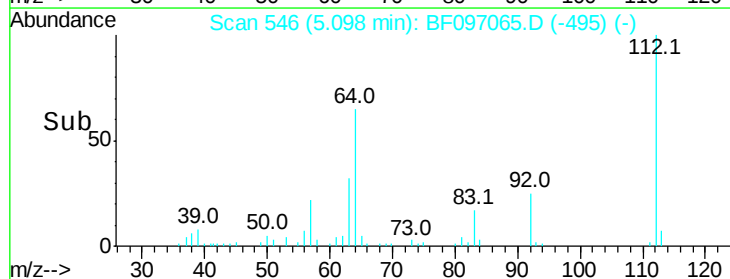
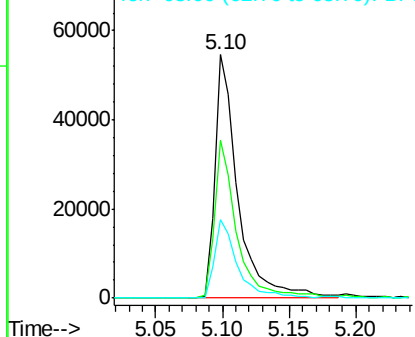
#5

2-Fluorophenol
Concen: 7.844 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097065.D
Acq: 26 Jul 2017 8:51

Tgt Ion:112 Resp: 66488
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 32.2 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: 8.817 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097065.D

Acq: 26 Jul 2017 8:51

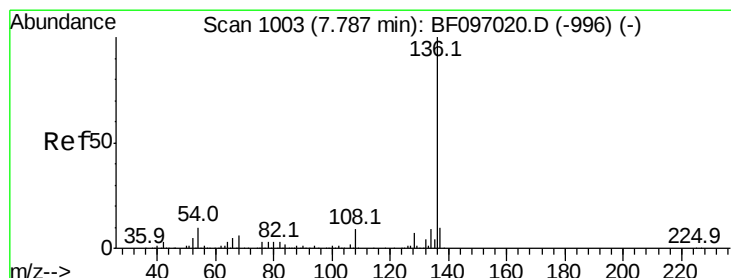
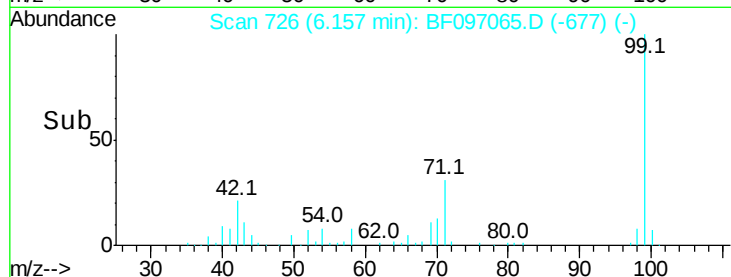
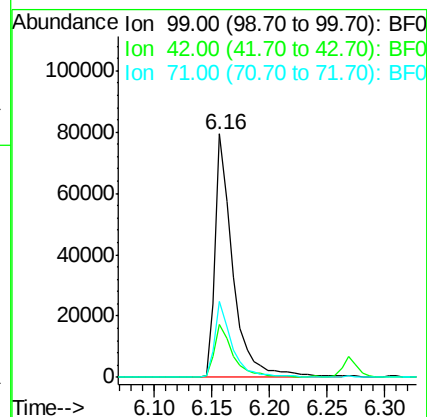
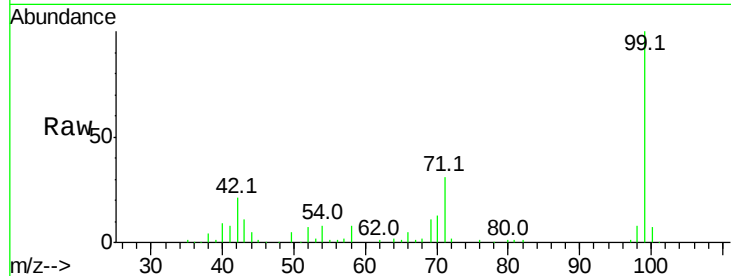
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 85324

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	31.1	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

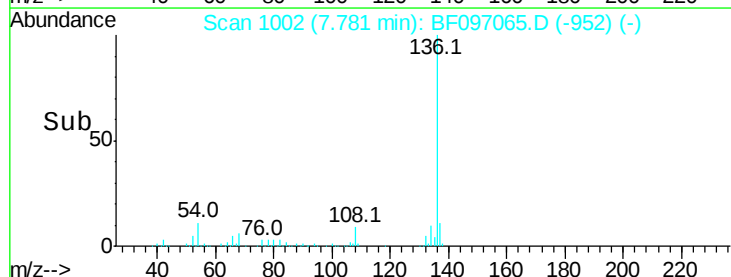
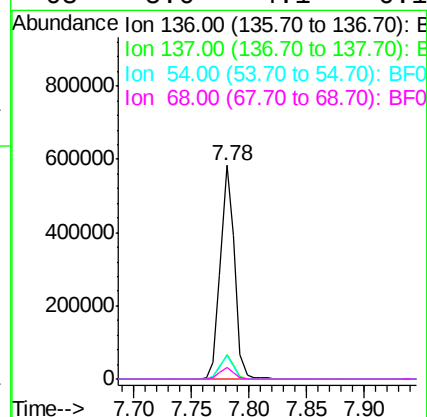
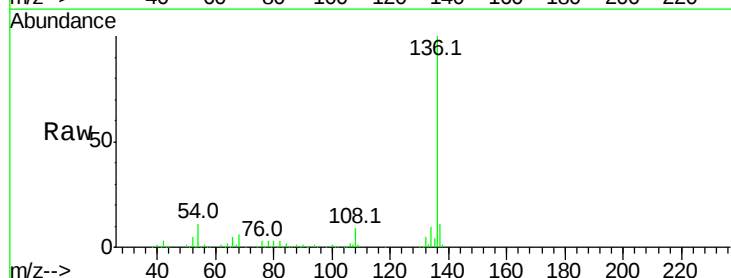
Delta R.T. -0.01 min

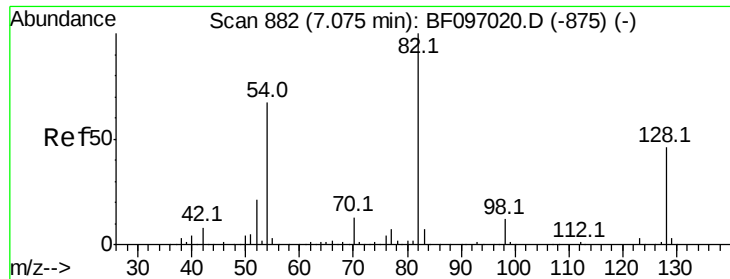
Lab File: BF097065.D

Acq: 26 Jul 2017 8:51

Tgt Ion: 136 Resp: 495930

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.5	4.9	7.3#
68	5.6	4.1	6.1

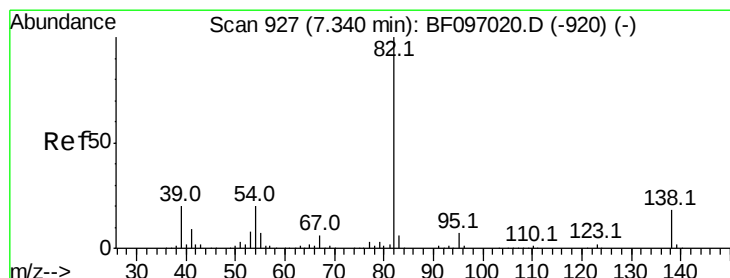
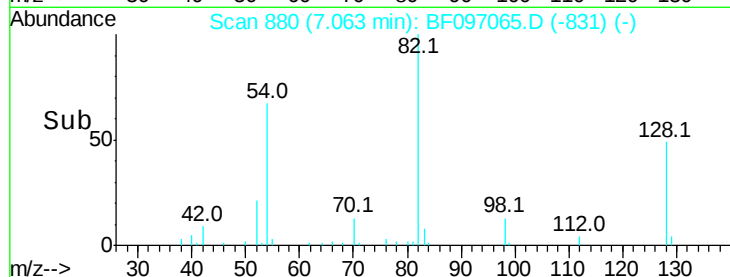
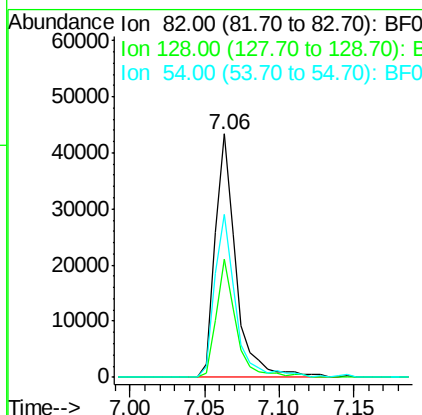
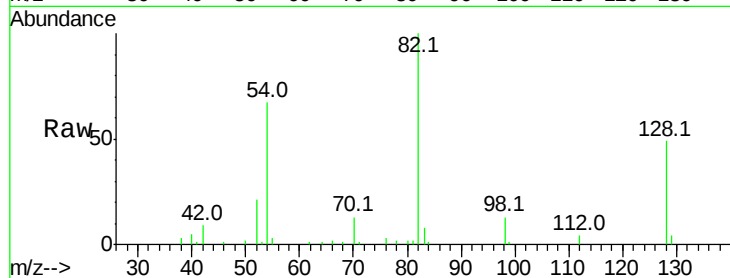




#23
 Nitrobenzene-d5
 Concen: 4.985 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

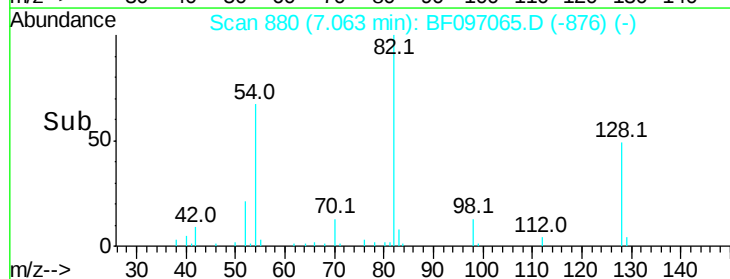
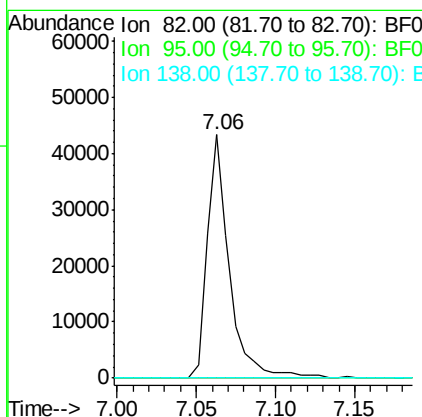
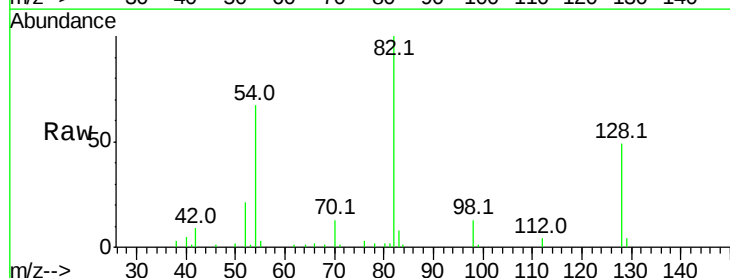
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	66.9	42.2	63.2#



#25
 Isophorone
 Concen: 2.545 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

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

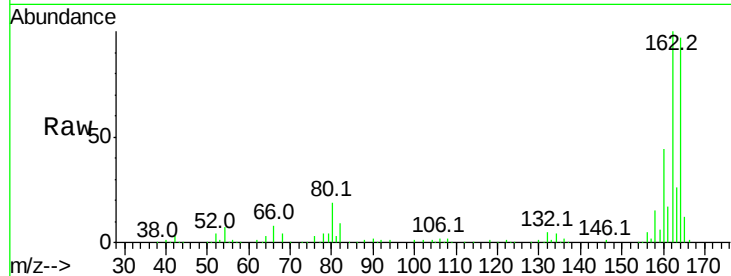




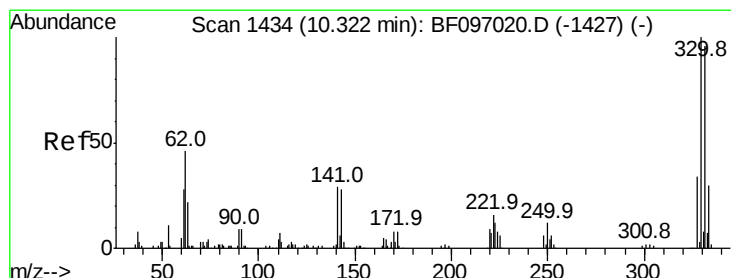
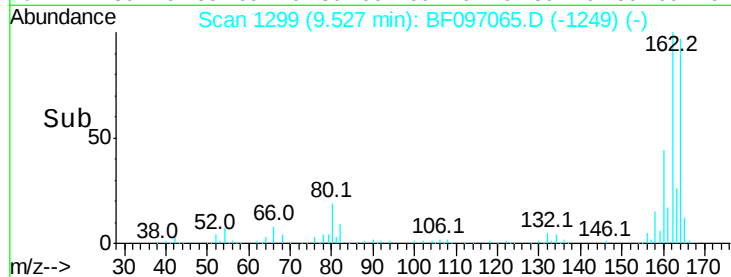
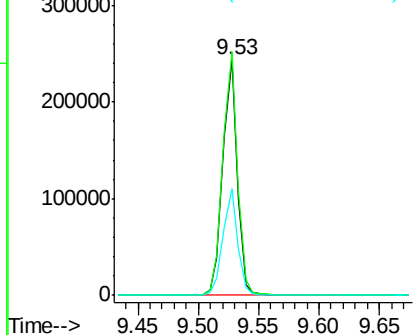
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 202169
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 45.3 36.2 54.2

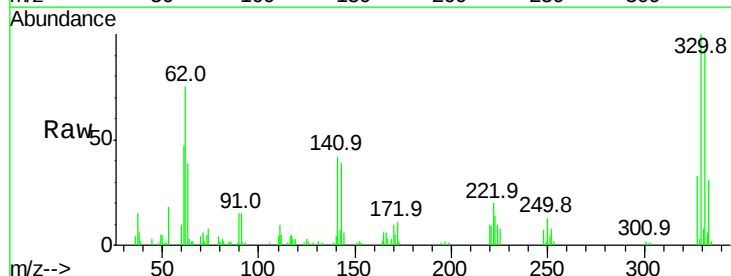


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

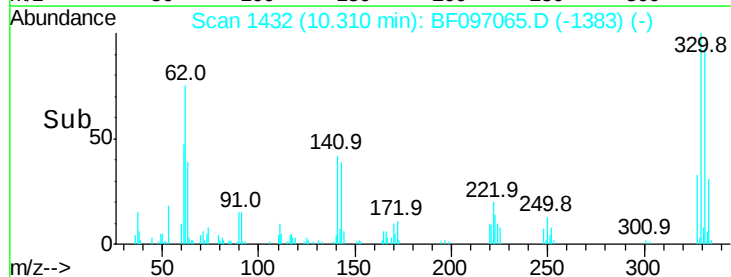
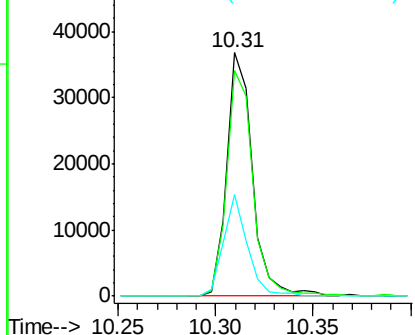


#41
 2,4,6-Tribromophenol
 Concen: 20.991 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

Tgt Ion:330 Resp: 33529
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.8 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

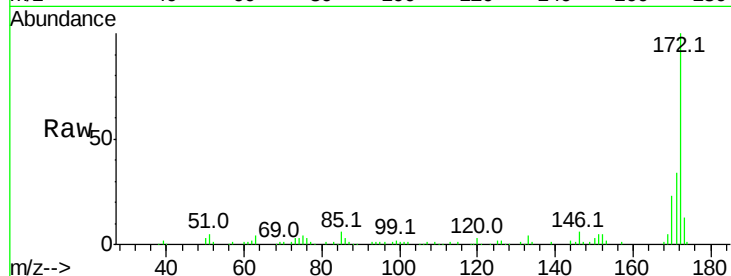




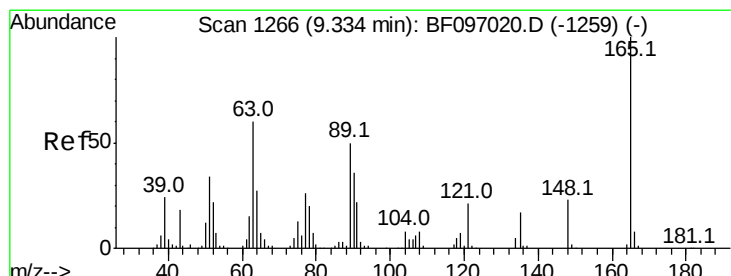
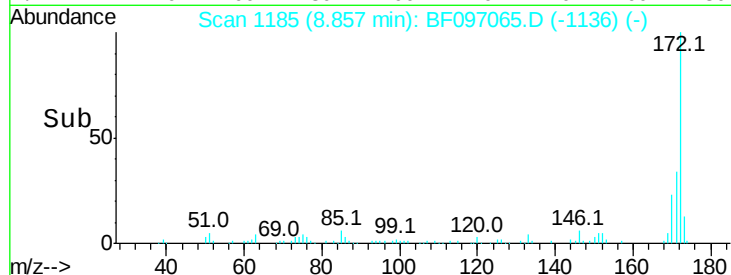
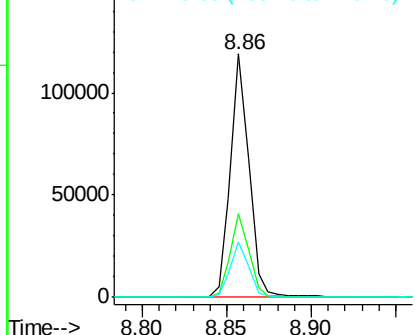
#44
2-Fluorobiphenyl
Concen: 7.741 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097065.D
Acq: 26 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	22.7	19.8	29.8

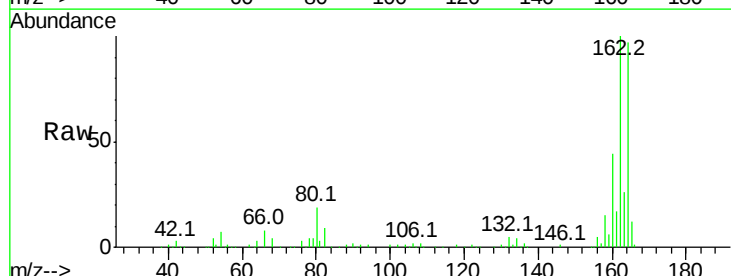


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

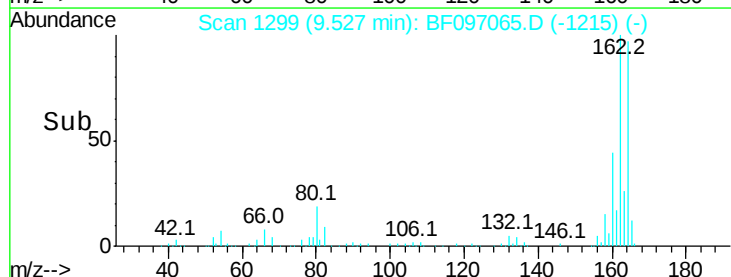
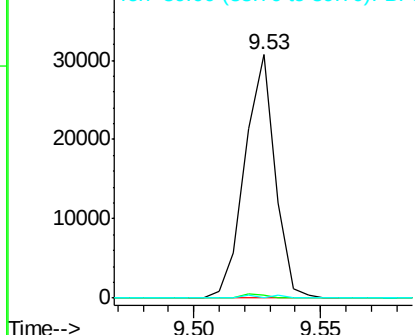


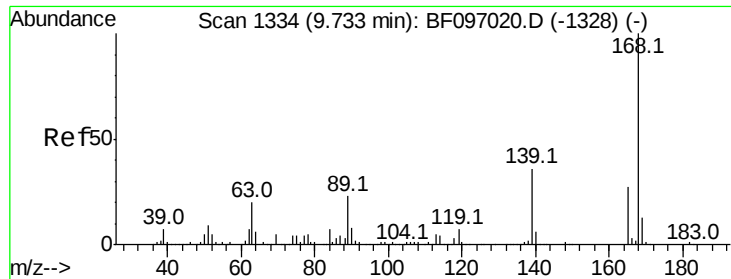
#50
2,6-Dinitrotoluene
Concen: 7.819 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF097065.D
Acq: 26 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

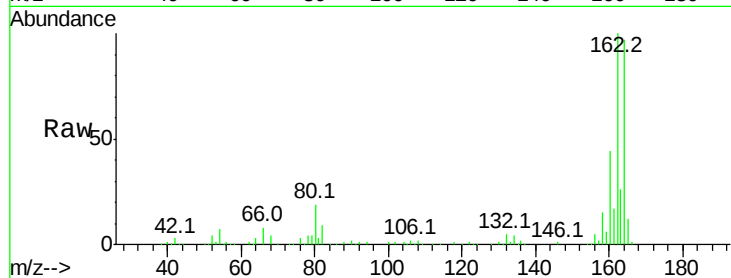




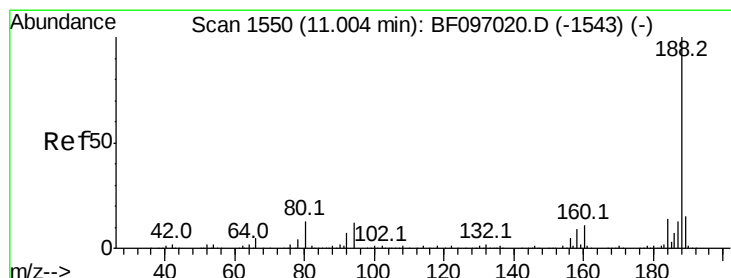
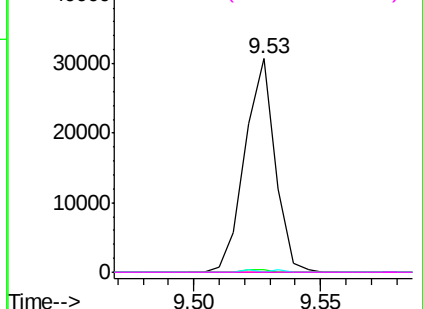
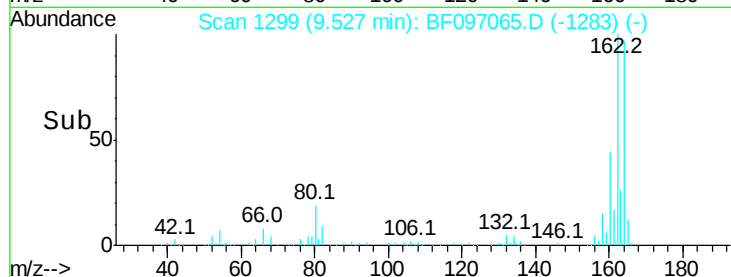
#56
 2,4-Dinitrotoluene
 Concen: 6.801 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25459
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

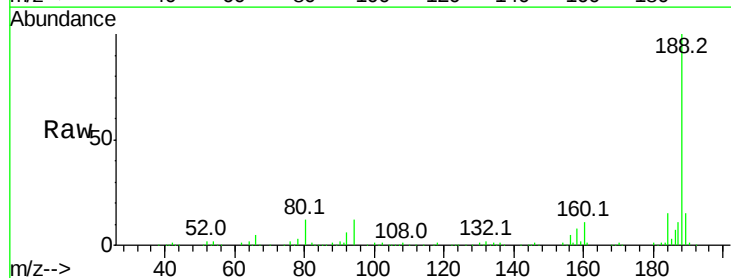


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

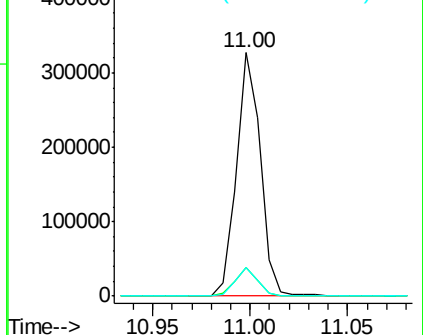
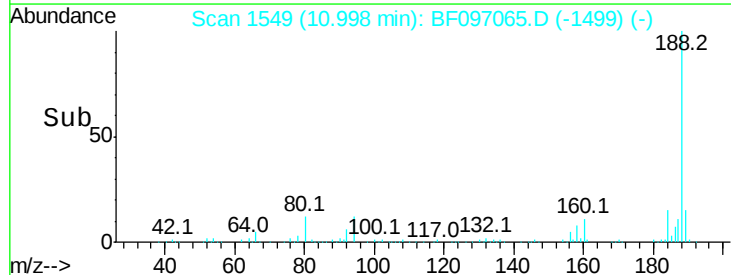


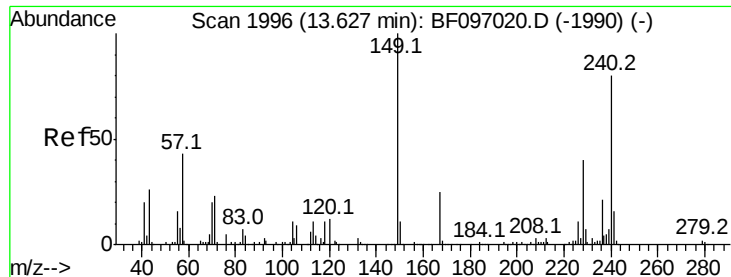
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097065.D
 Acq: 26 Jul 2017 8:51

Tgt Ion:188 Resp: 278131
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 11.5 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: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097065.D

Acq: 26 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

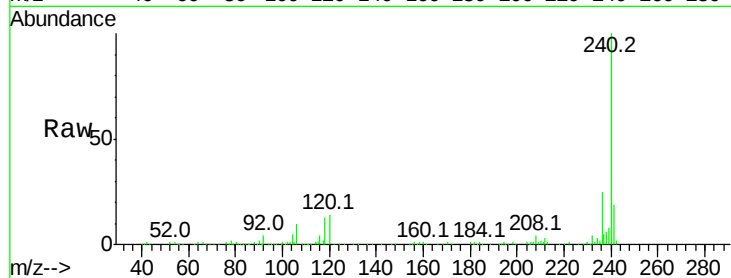
Tot Ion:240 Resp: 229511

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

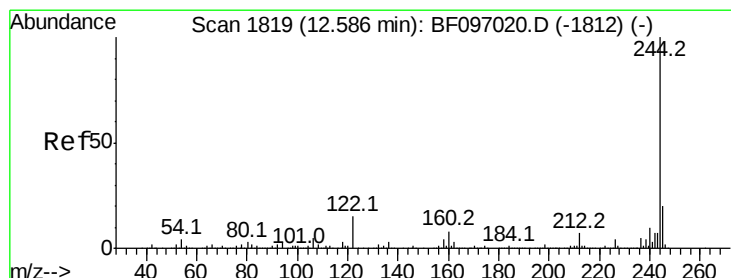
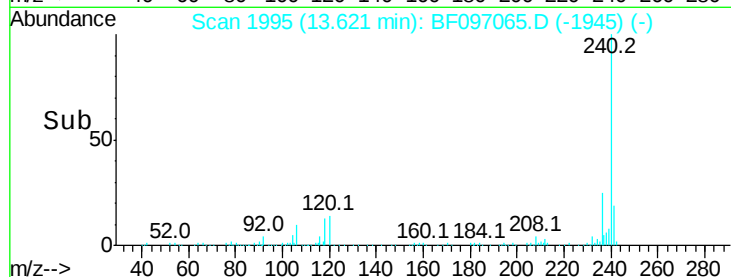
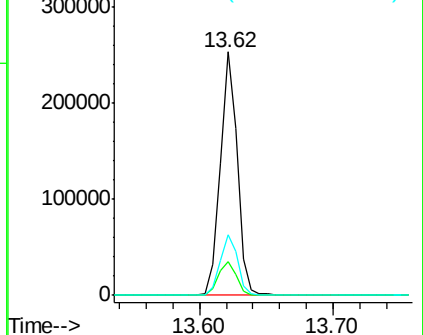
236 24.8 20.5 30.7



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: 15.832 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097065.D

Acq: 26 Jul 2017 8:51

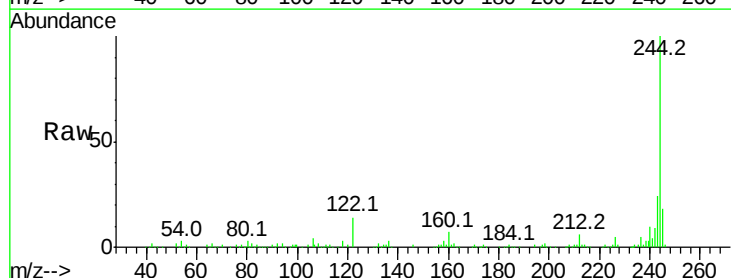
Tgt Ion:244 Resp: 178224

Ion Ratio Lower Upper

244 100

212 6.0 6.0 9.0

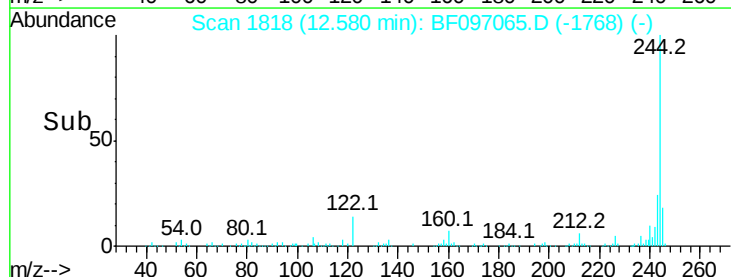
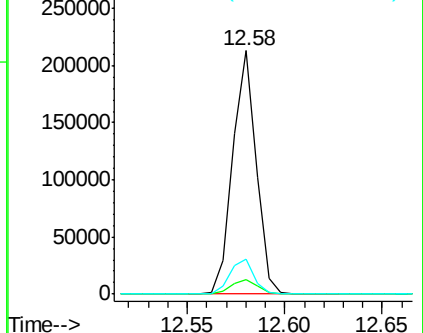
122 14.3 10.3 15.5

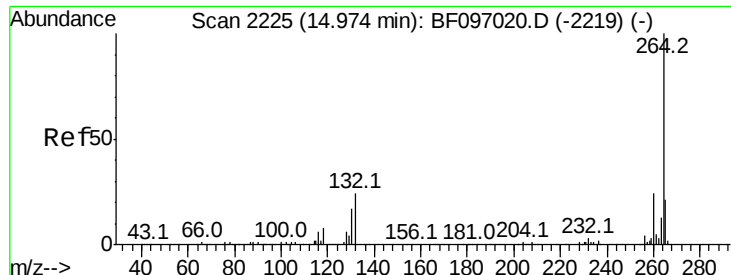


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

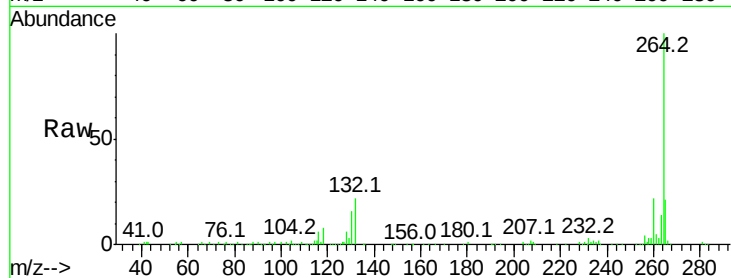




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097065.D
Acq: 26 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.2	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

