

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098231.D
 Acq On : 1 Sep 2017 17:18
 Operator : SJ/JU
 Sample : I5036-01 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Quant Time: Sep 01 17:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:30:12 2017
 Response via : Initial Calibration

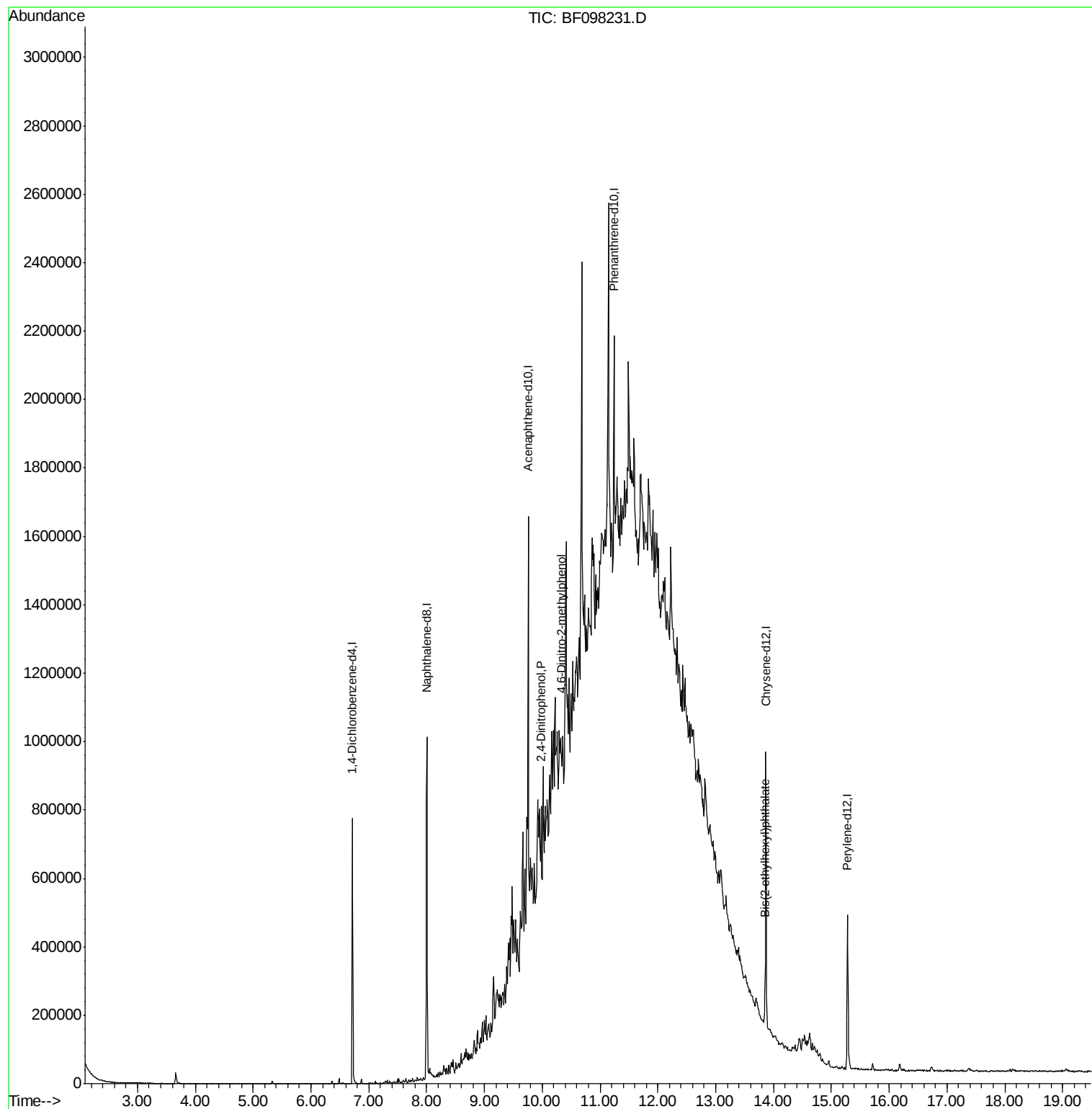
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109669	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	425221	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	170040	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	248772	20.00	ng	0.00
75) Chrysene-d12	13.87	240	246858	20.00	ng	0.00
86) Perylene-d12	15.28	264	197705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	3021	0.42	ng	0.00
7) Phenol-d6	6.36	99	5611	0.57	ng	-0.01
23) Nitrobenzene-d5	7.28	82	4303	0.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	711	0.48	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	9531	0.82	ng	0.00
78) Terphenyl-d14	12.82	244	6562	0.55	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	9.97	184	108	10.222	ng	# 12
64) 4,6-Dinitro-2-methylphenol	10.32	198	540	8.701	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	19200	2.238	ng	# 98

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

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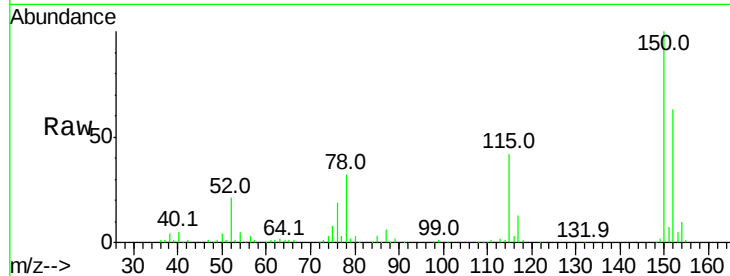


#1

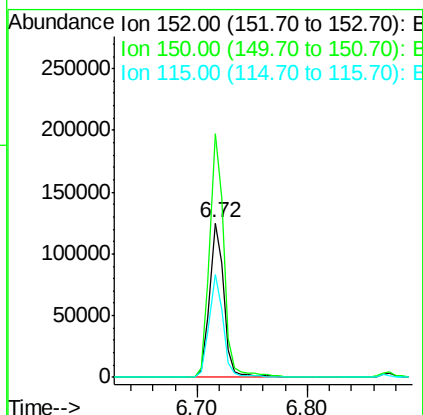
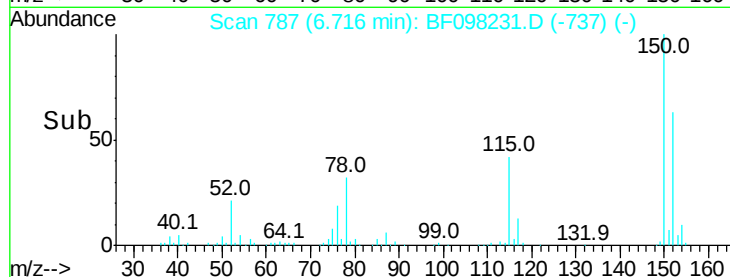
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098231.D
Acq: 1 Sep 2017 17:18

Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

Tot Ion:152 Resp: 109669
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 66.8 52.2 78.2



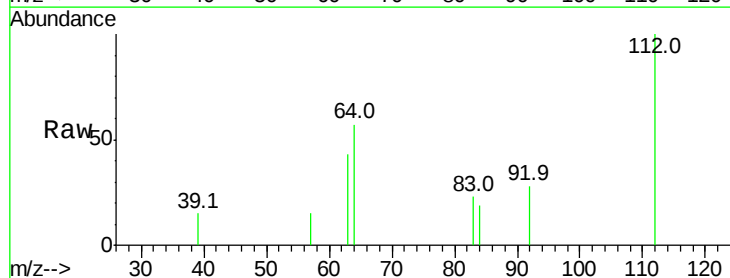
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



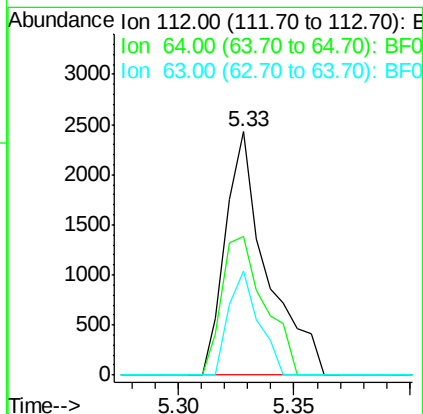
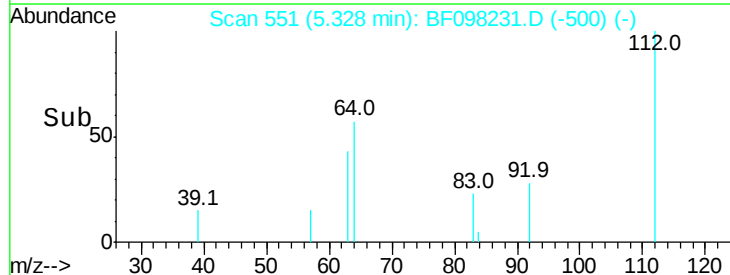
#5

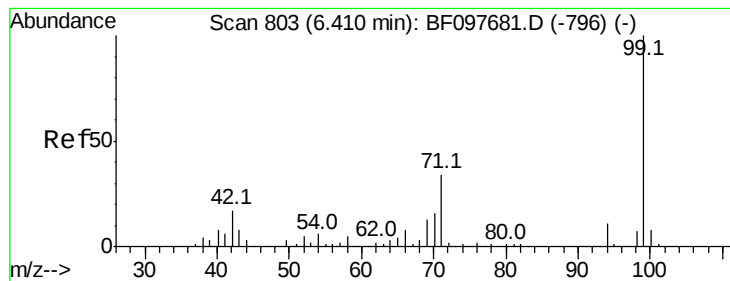
2-Fluorophenol
Concen: 0.419 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF098231.D
Acq: 1 Sep 2017 17:18

Tgt Ion:112 Resp: 3021
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 42.7 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: 0.573 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098231.D

Acq: 1 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

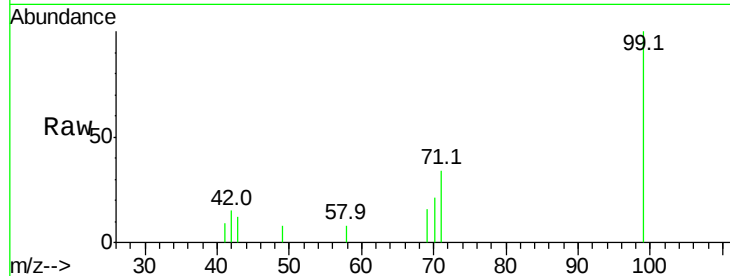
Tot Ion: 99 Resp: 5611

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

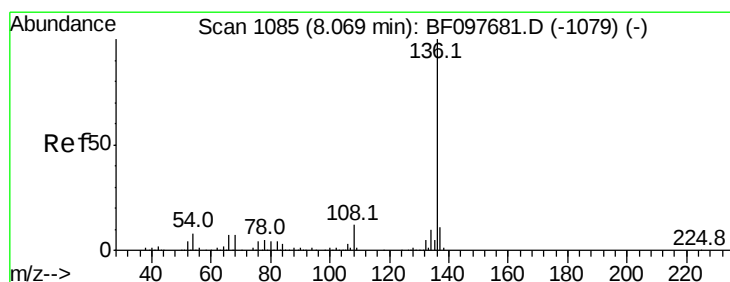
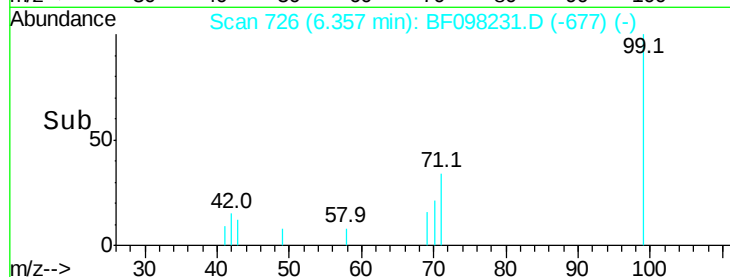
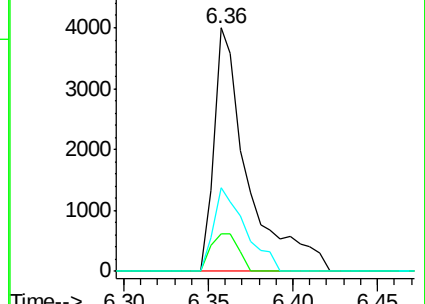
71 34.2 24.5 36.7



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: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF098231.D

Acq: 1 Sep 2017 17:18

Tgt Ion: 136 Resp: 425221

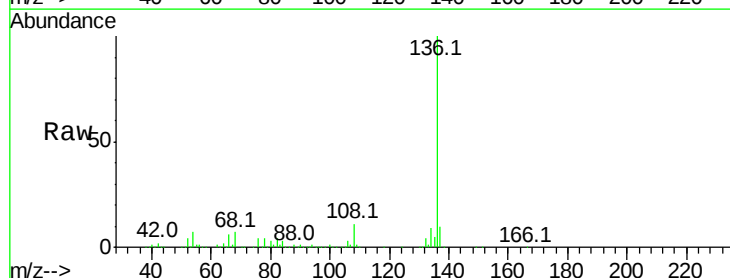
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 6.9 4.1 6.1#

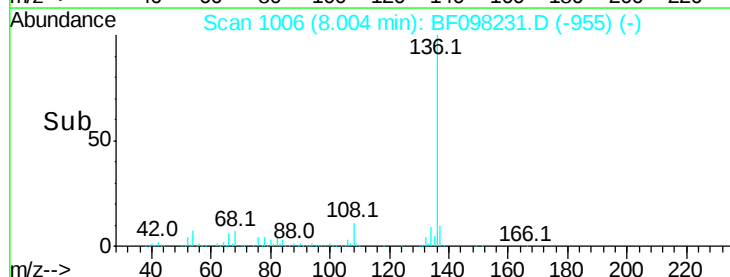
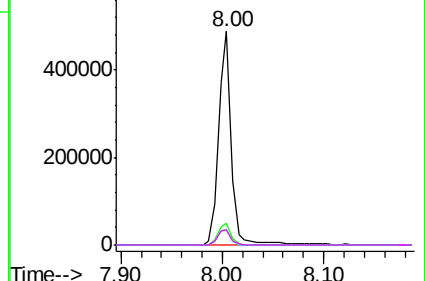


Abundance Ion 136.00 (135.70 to 136.70): E

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

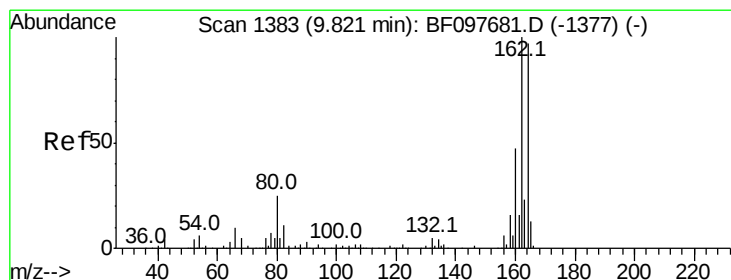
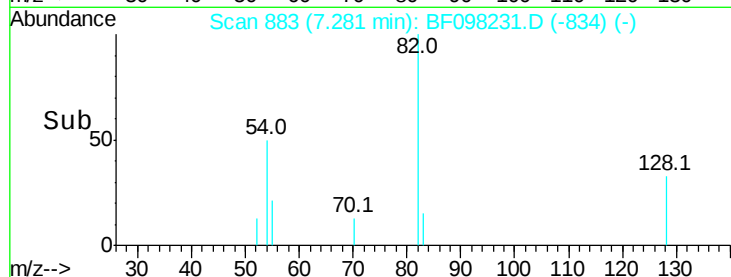
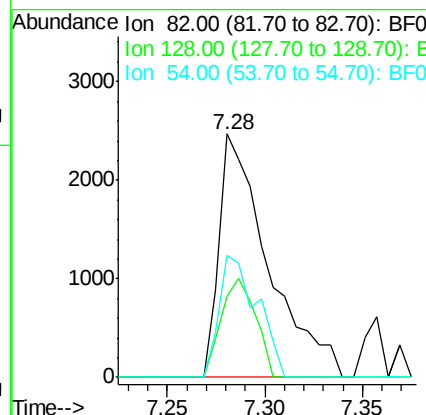
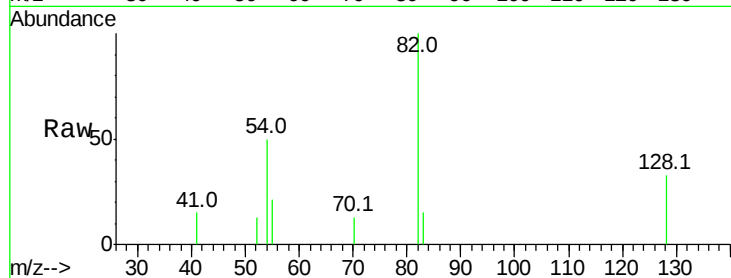




#23
 Nitrobenzene-d5
 Concen: 0.550 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

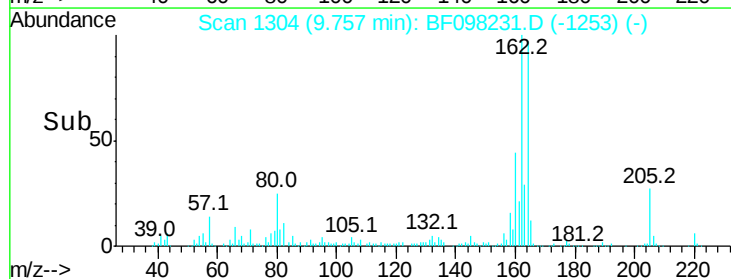
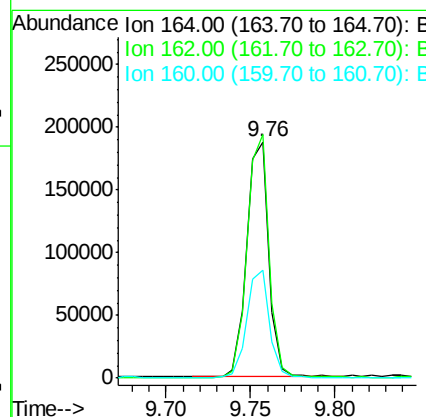
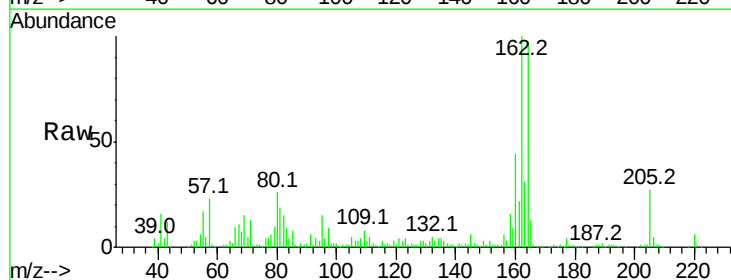
Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

Tot Ion: 82 Resp: 4303
 Ion Ratio Lower Upper
 82 100
 128 33.1 34.0 51.0#
 54 50.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

Tgt Ion:164 Resp: 170040
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.4 36.2 54.2

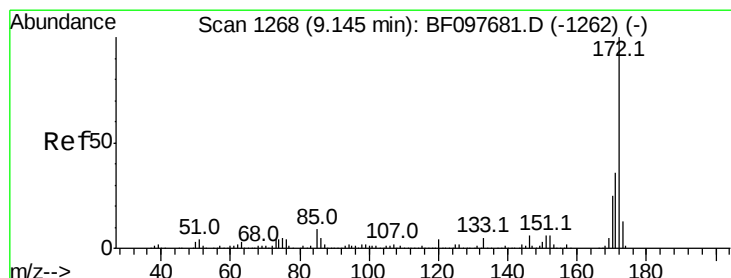
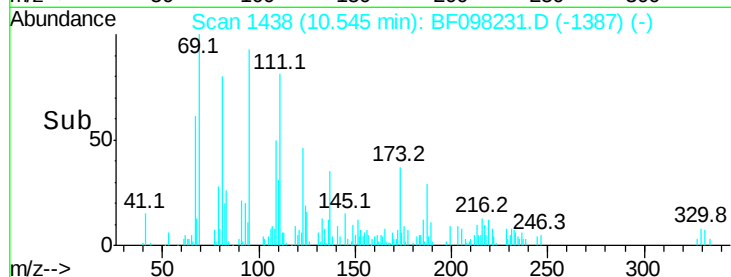
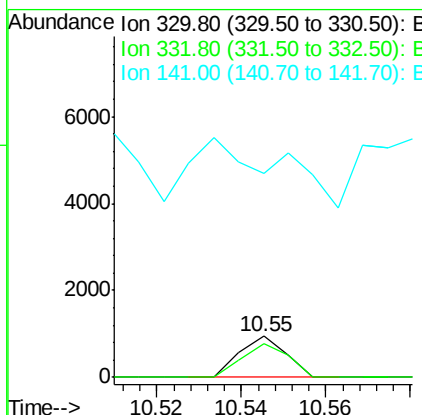
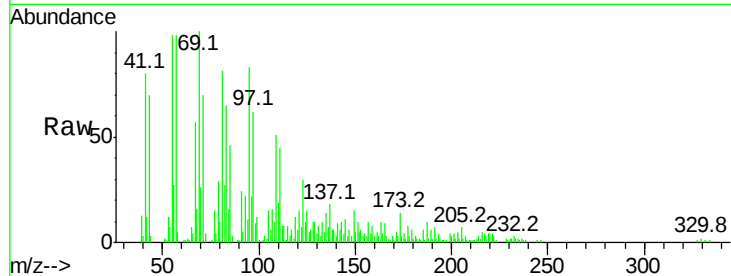




#41
 2,4,6-Tribromophenol
 Concen: 0.482 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

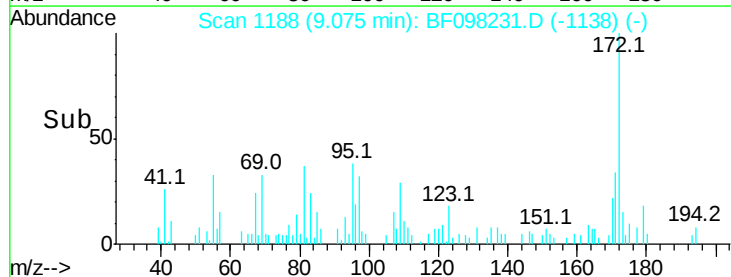
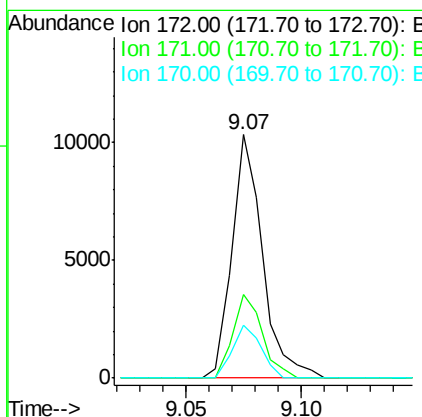
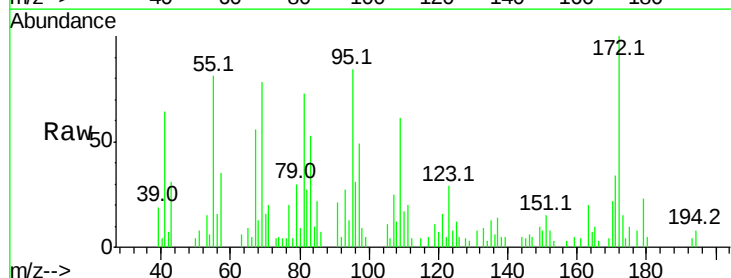
Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

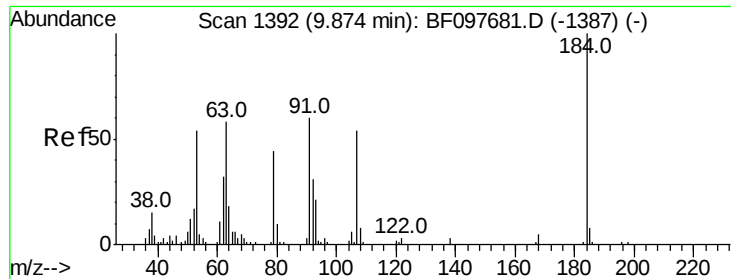
Tot Ion:330 Resp: 711
 Ion Ratio Lower Upper
 330 100
 332 83.5 76.6 115.0
 141 324.1 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 0.824 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

Tgt Ion:172 Resp: 9531
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.6 44.4
 170 21.7 19.8 29.8

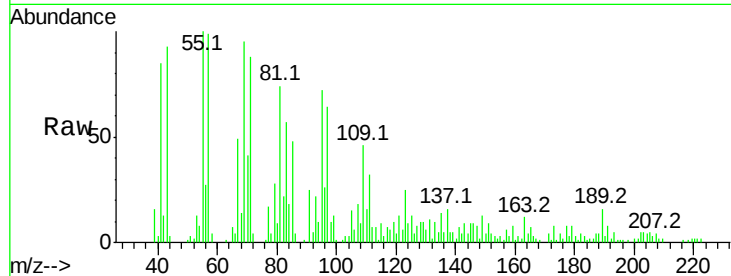




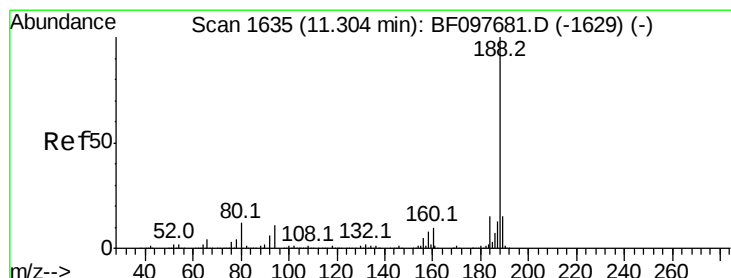
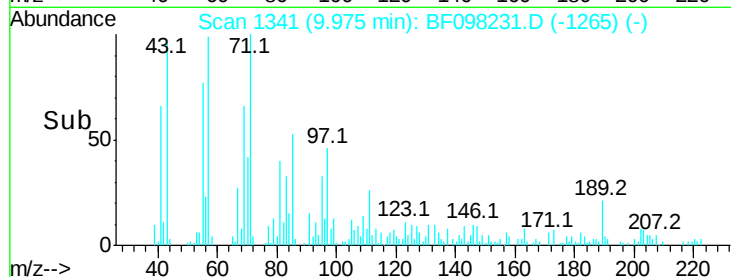
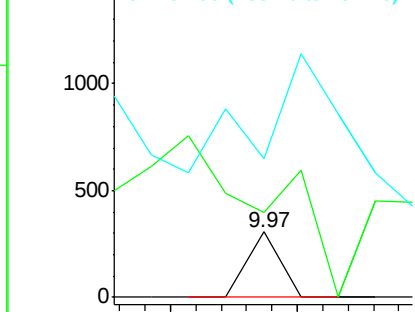
#53
2,4-Dinitrophenol
Concen: 10.222 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.15 min
Lab File: BF098231.D
Acq: 1 Sep 2017 17:18

Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

Tot Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 130.1 62.7 94.1#
154 211.8 81.1 121.7#

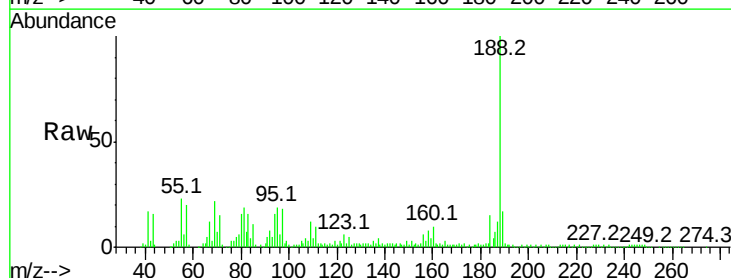


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

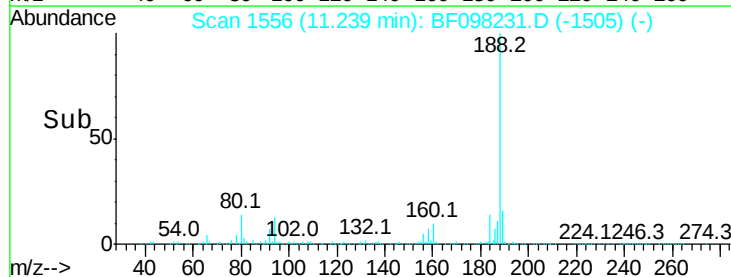
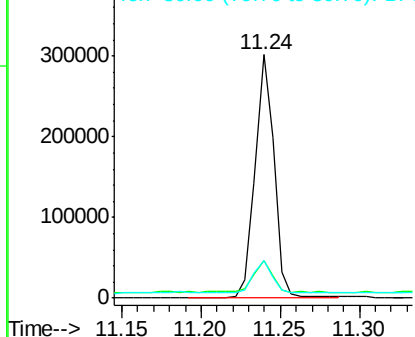


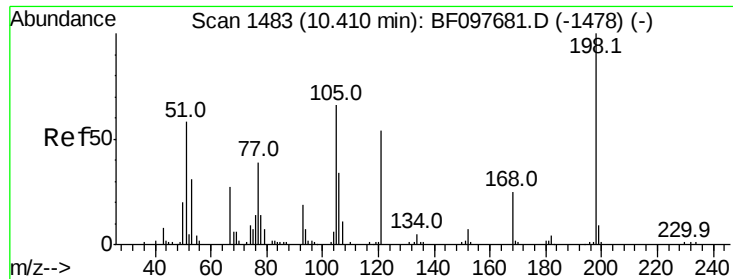
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF098231.D
Acq: 1 Sep 2017 17:18

Tgt Ion:188 Resp: 248772
Ion Ratio Lower Upper
188 100
94 15.6 9.4 14.2#
80 15.6 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

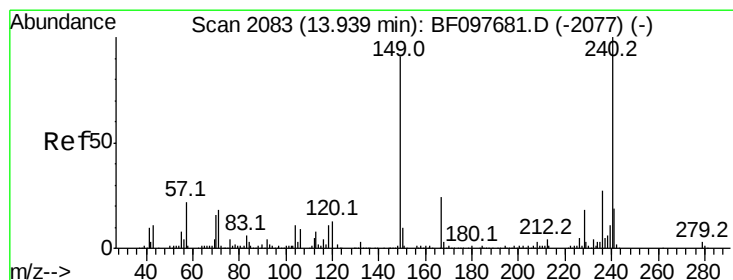
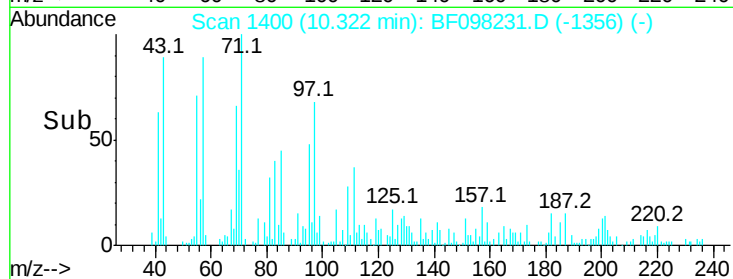
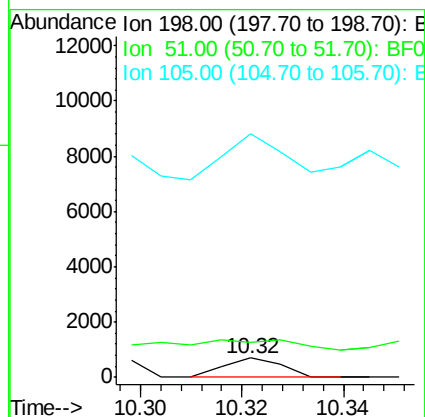
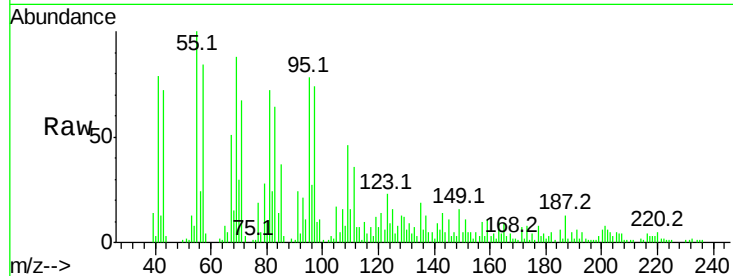




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.701 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.04 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

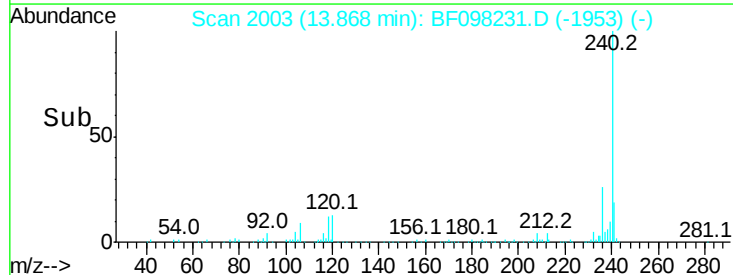
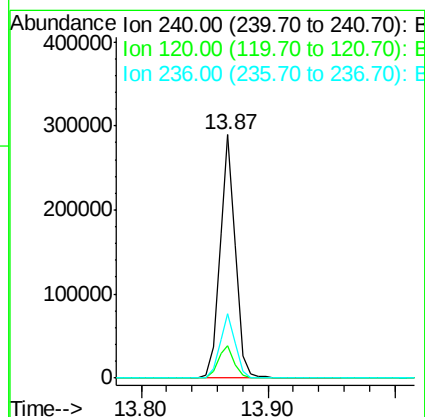
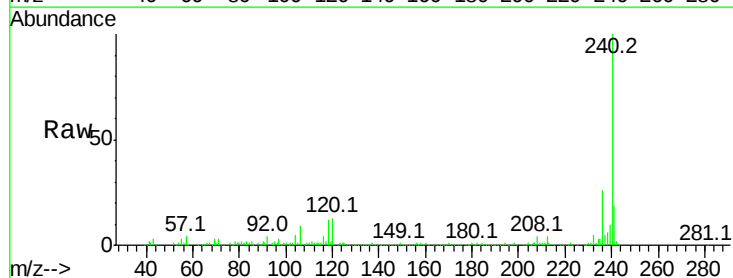
Instrument :
 BNA_F
 ClientSampleId :
 T2-T3-COMP

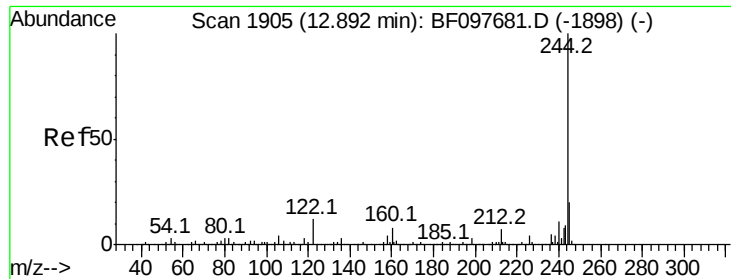
Tot Ion:198 Resp: 540
 Ion Ratio Lower Upper
 198 100
 51 179.4 53.2 93.2#
 105 1258.7 45.8 85.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF098231.D
 Acq: 1 Sep 2017 17:18

Tgt Ion:240 Resp: 246858
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 0.554 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098231.D

Acq: 1 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

T2-T3-COMP

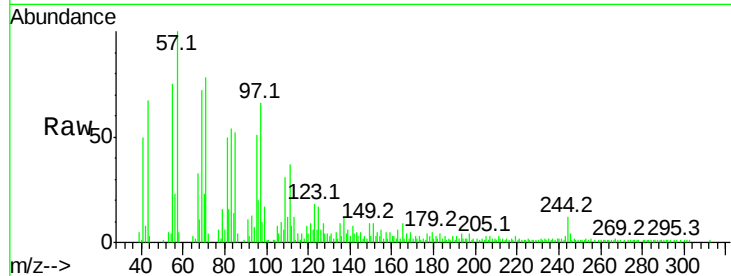
Tot Ion:244 Resp: 6562

Ion Ratio Lower Upper

244 100

212 15.1 6.0 9.0#

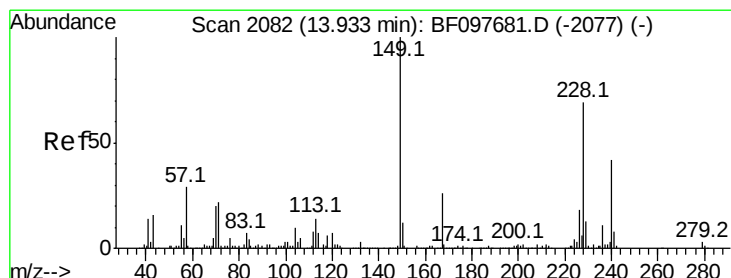
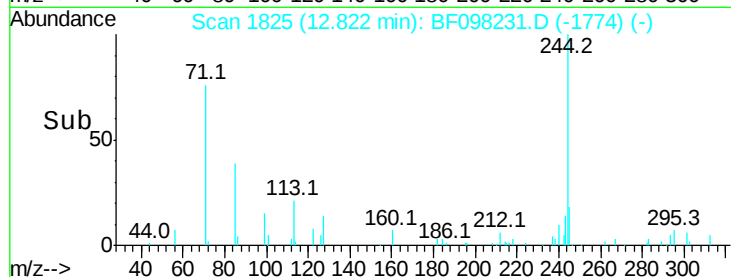
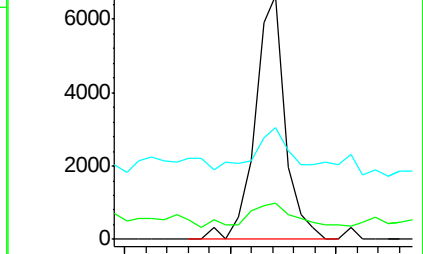
122 45.8 10.3 15.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.238 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098231.D

Acq: 1 Sep 2017 17:18

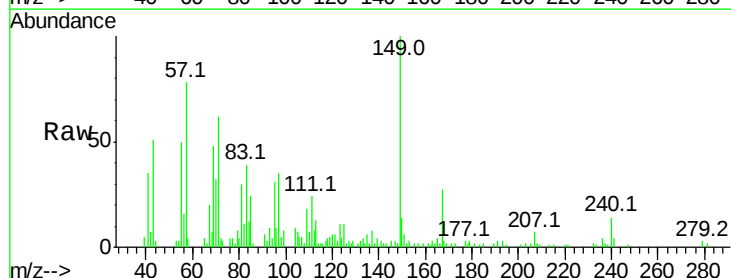
Tgt Ion:149 Resp: 19200

Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

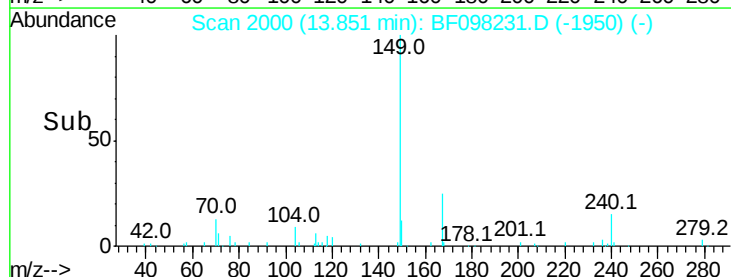
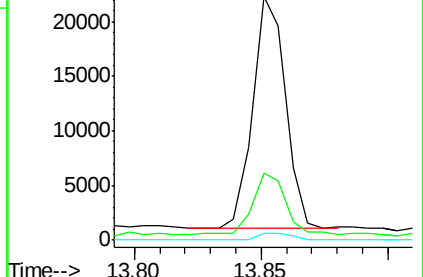
279 3.0 1.9 2.9#

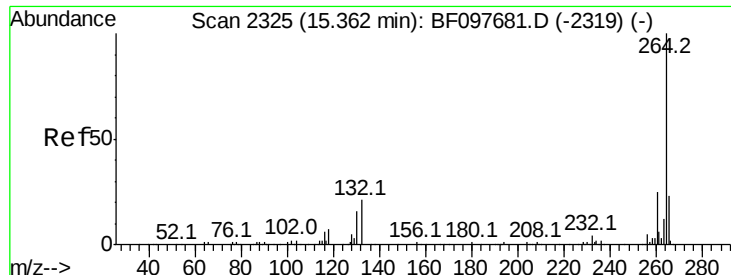


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

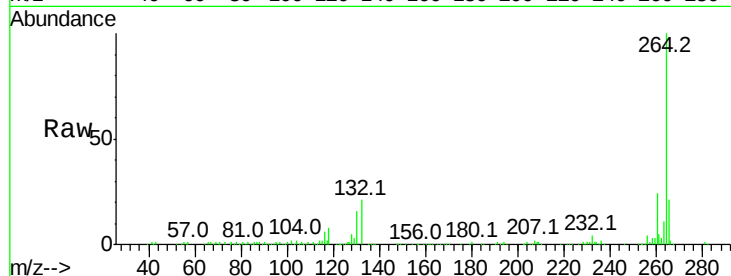




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF098231.D
Acq: 1 Sep 2017 17:18

Instrument :
BNA_F
ClientSampleId :
T2-T3-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.8	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

