

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107049.D
 Acq On : 2 Jul 2018 17:28
 Operator : JU/SJ
 Sample : J3629-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:24:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

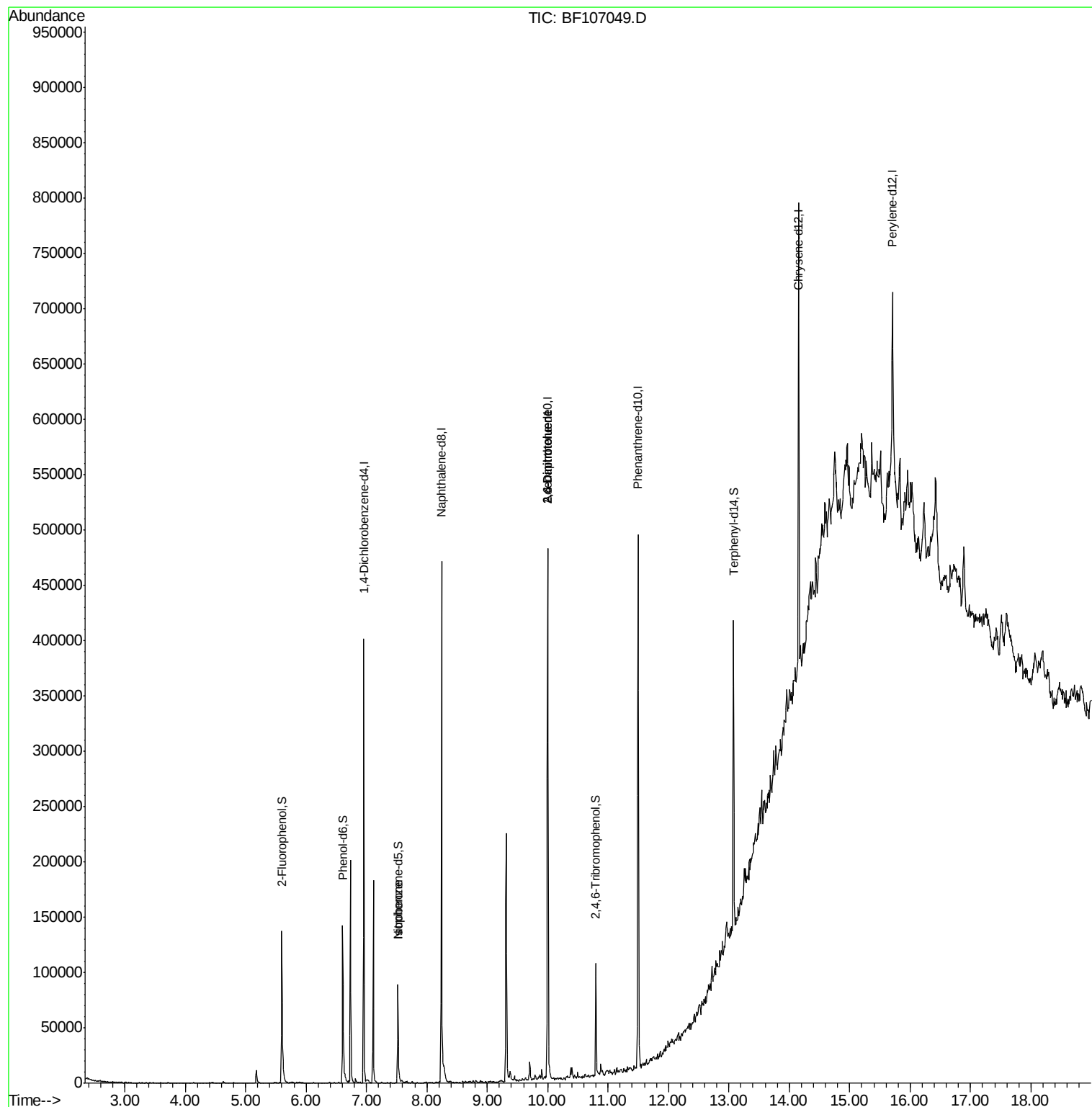
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61547	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	235863	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	100848	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	186107	20.00	ng	0.00
75) Chrysene-d12	14.15	240	158339	20.00	ng	-0.01
86) Perylene-d12	15.71	264	103695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	54150	14.90	ng	0.00
7) Phenol-d6	6.61	99	64584	14.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	34415	8.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	16096	13.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	89650	0.36	ng	-0.01
78) Terphenyl-d14	13.08	244	101839	15.58	ng	0.00
Target Compounds						
25) Isophorone	7.52	82	34415	4.602	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	12964	8.094	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	12964	6.201	ng	# 21

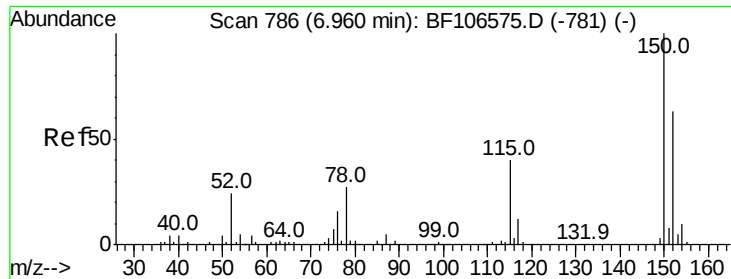
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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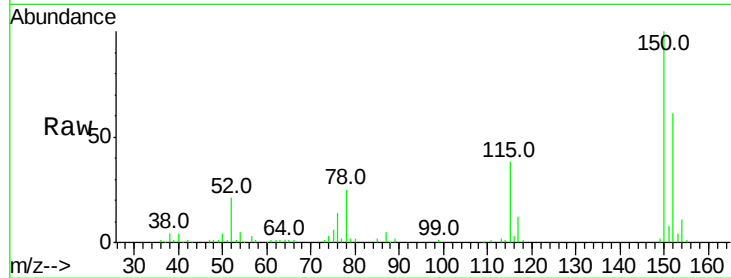


#1

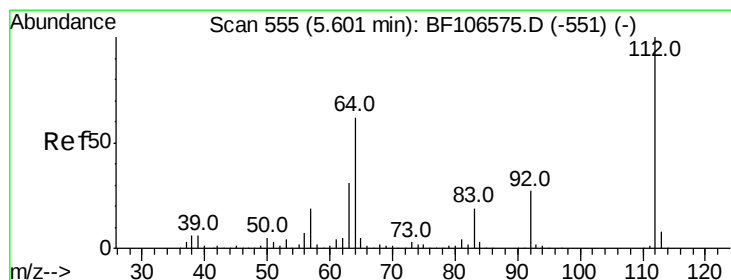
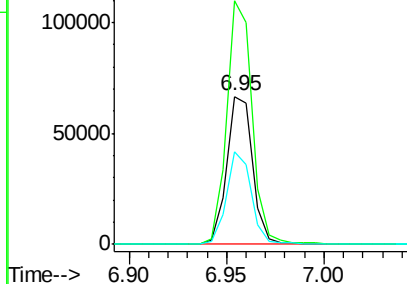
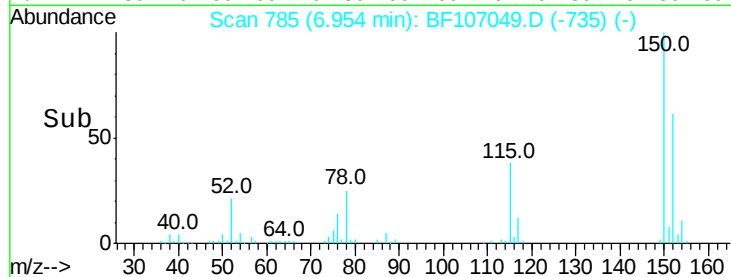
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 61547
 Ion Ratio Lower Upper
 152 100
 150 164.5 124.6 186.8
 115 62.4 50.1 75.1



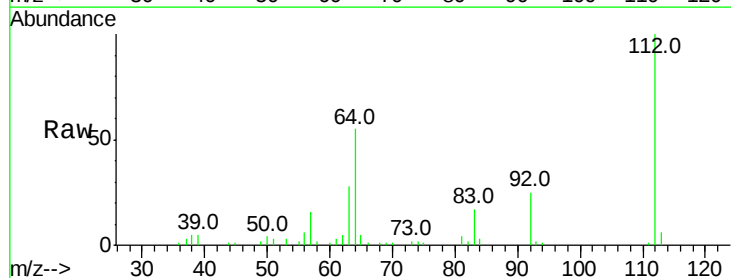
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



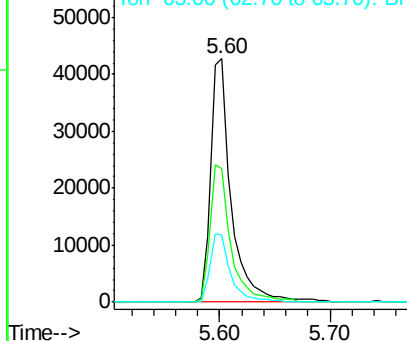
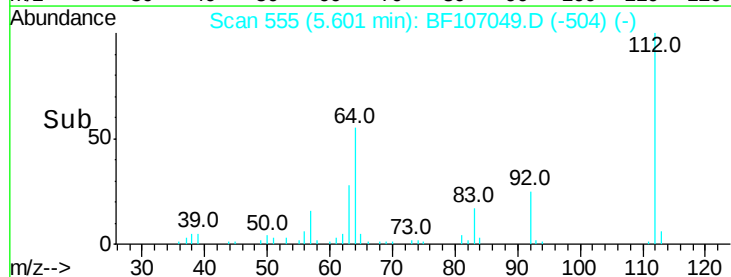
#5

2-Fluorophenol
 Concen: 14.898 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Tgt Ion:112 Resp: 54150
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 27.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.229 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Instrument :

BNA_F

ClientSampleId :

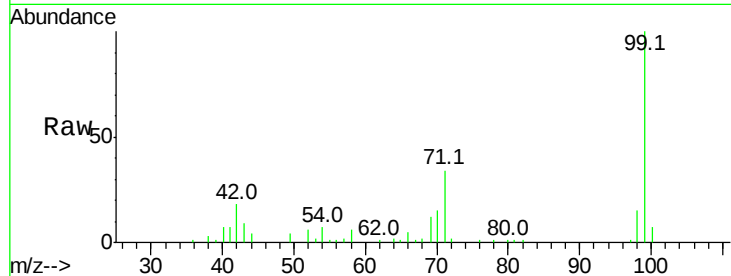
Tot Ion: 99 Resp: 64584

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

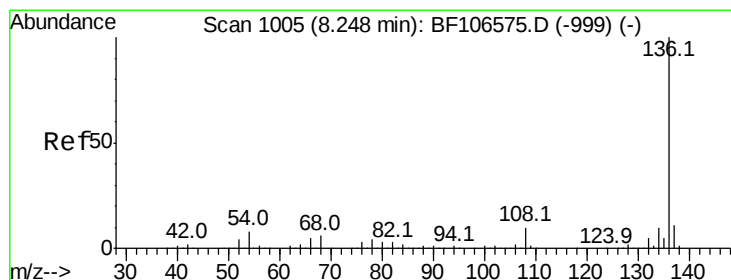
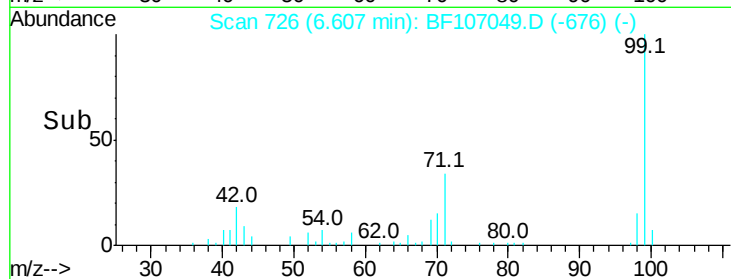
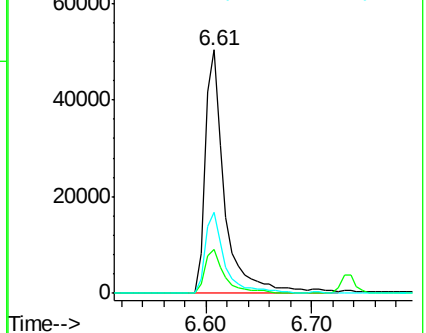
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Tgt Ion: 136 Resp: 235863

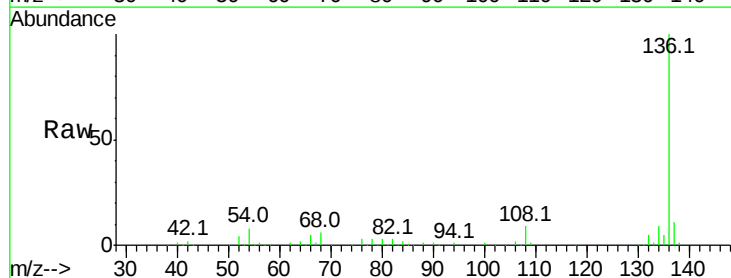
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.9 5.0 7.4

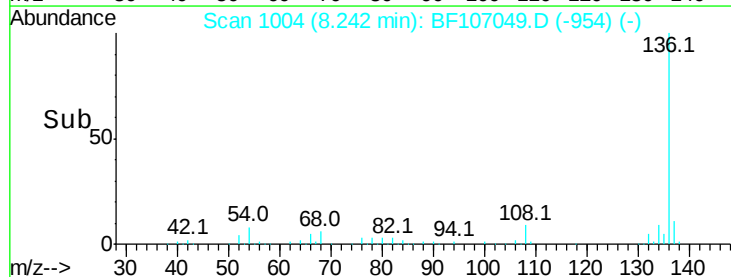
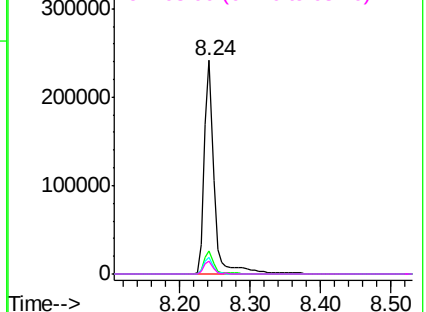


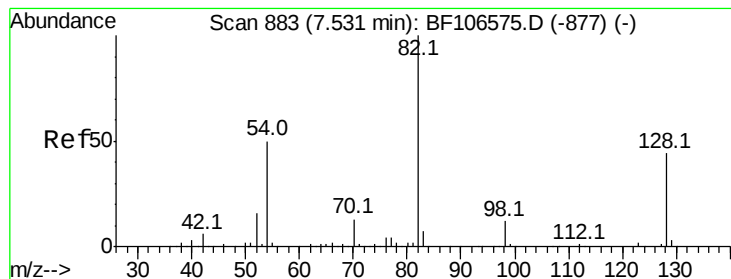
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 8.109 ng

RT: 7.52 min Scan# 881

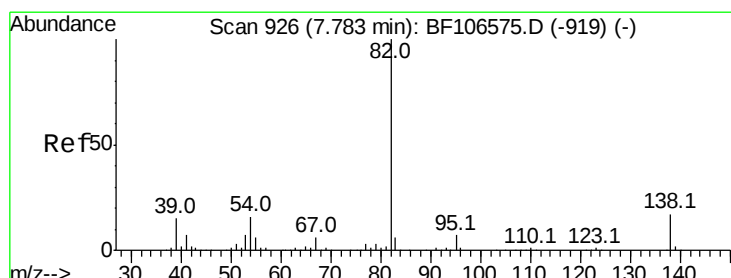
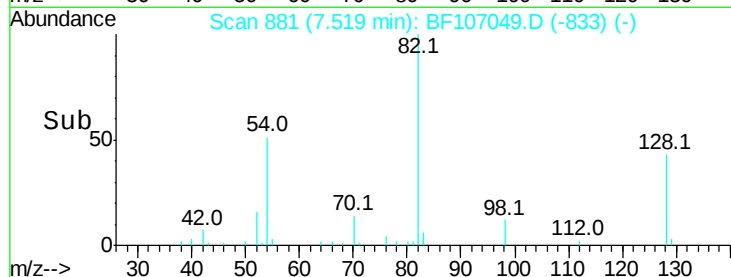
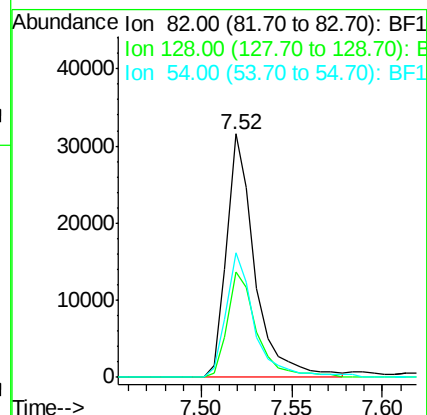
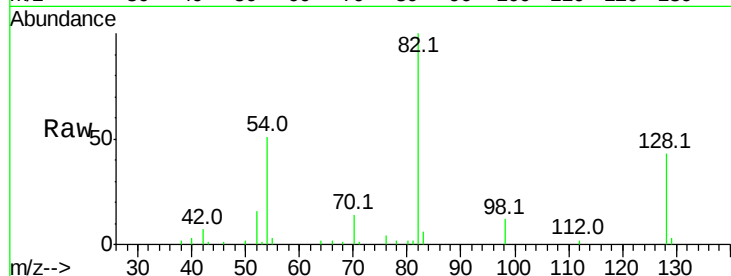
Delta R.T. -0.02 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	34415
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	51.1	41.4	62.2



#25

Isophorone

Concen: 4.602 ng

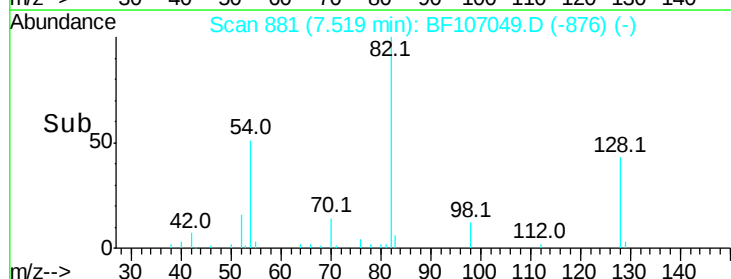
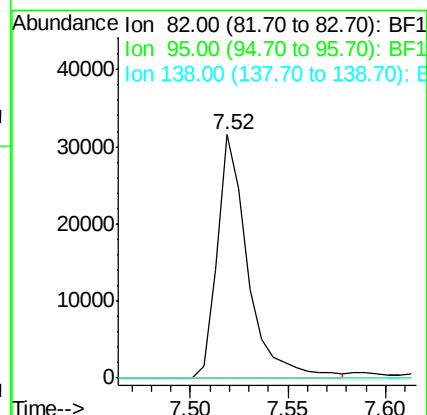
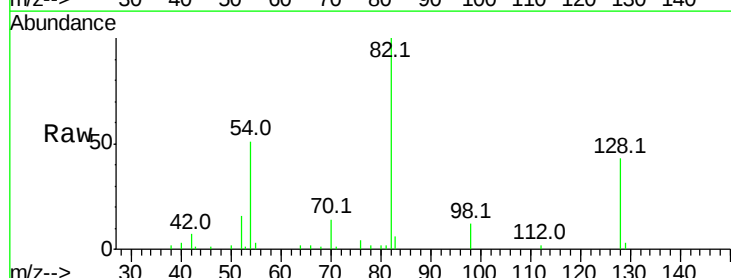
RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Tgt Ion:	82	Resp:	34415
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

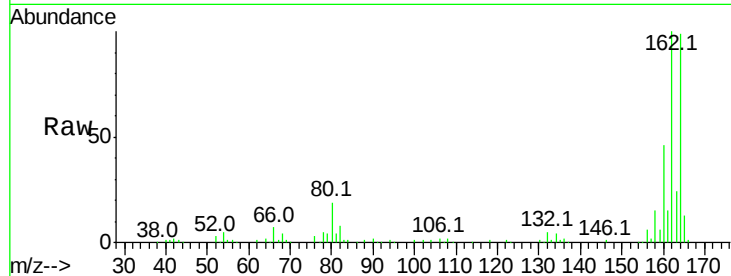




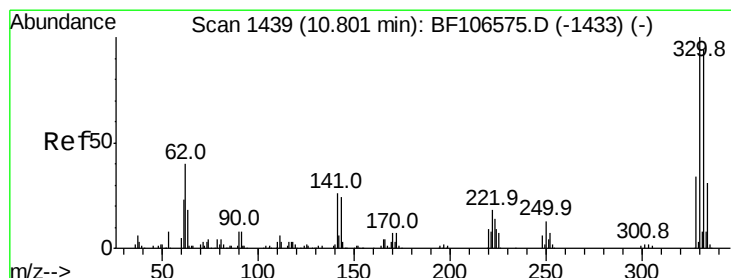
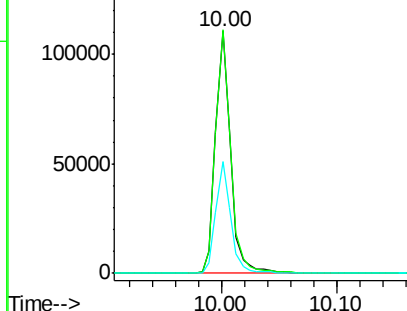
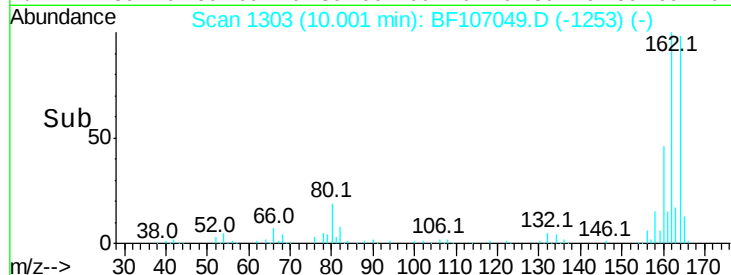
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 100848
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 46.1 38.3 57.5

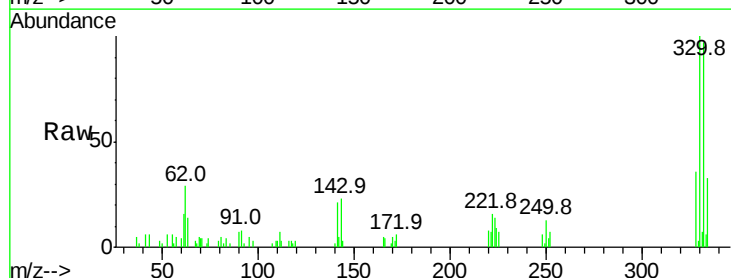


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

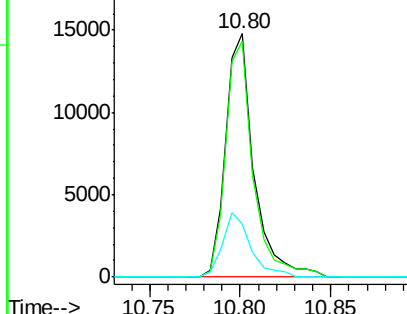
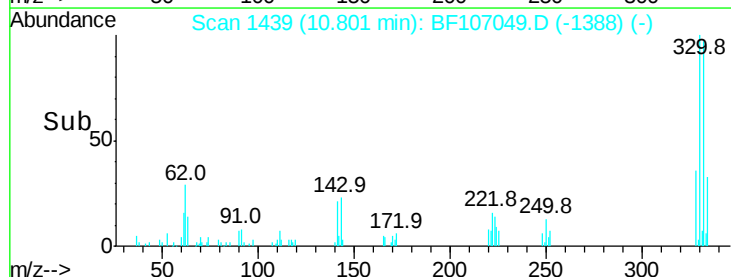


#41
 2,4,6-Tribromophenol
 Concen: 13.771 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Tgt Ion:330 Resp: 16096
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 25.9 29.9 44.9#



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

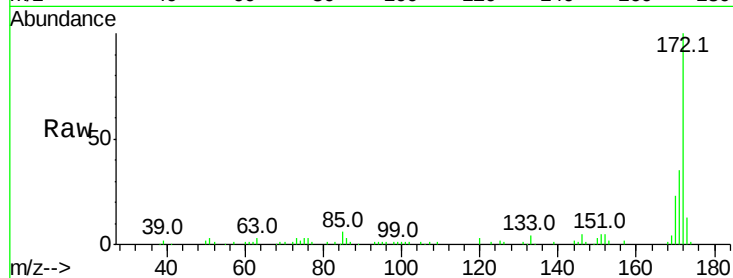




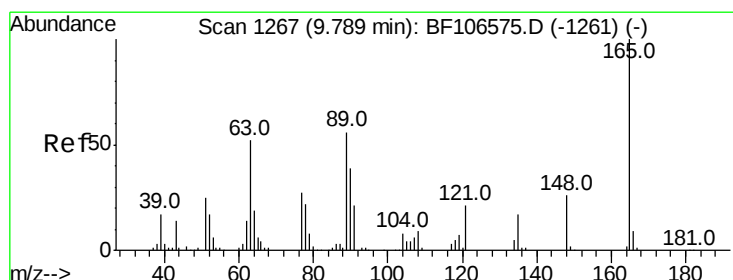
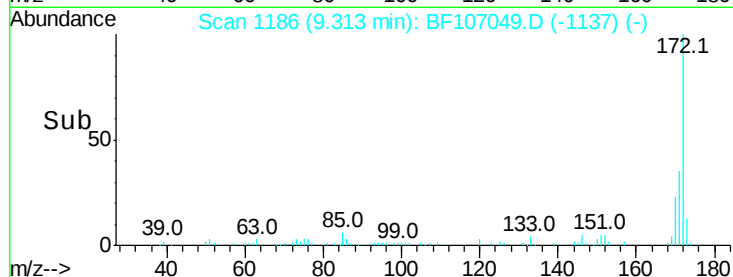
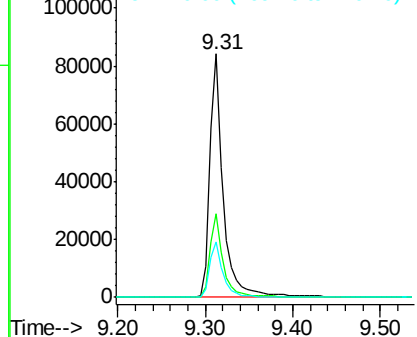
#44
 2-Fluorobiphenyl
 Concen: 0.358 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 89650
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.6 19.6 29.4

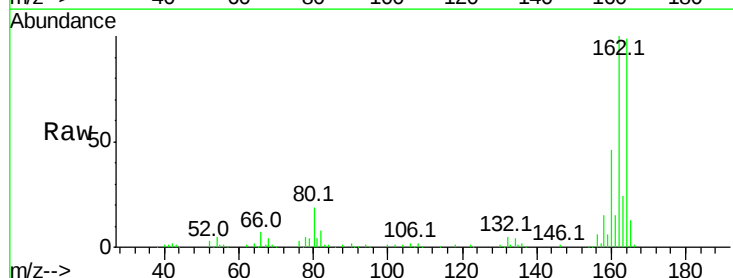


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

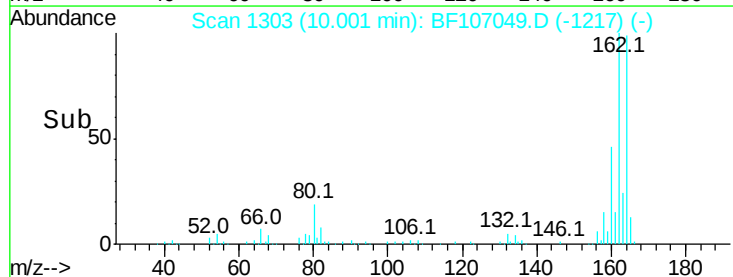
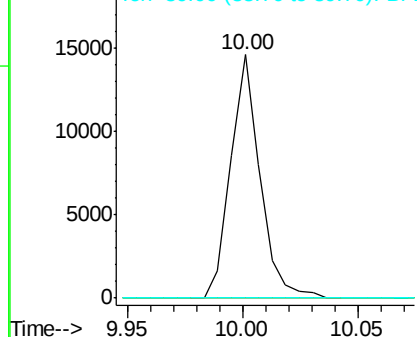


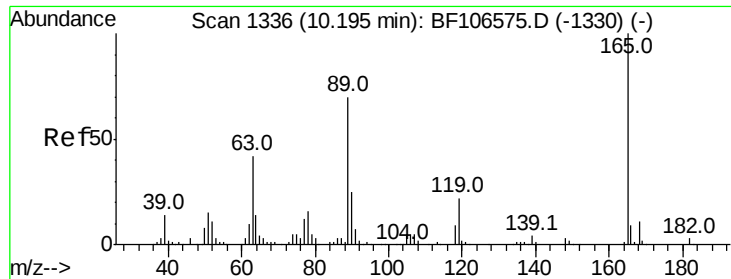
#50
 2,6-Dinitrotoluene
 Concen: 8.094 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Tgt Ion:165 Resp: 12964
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

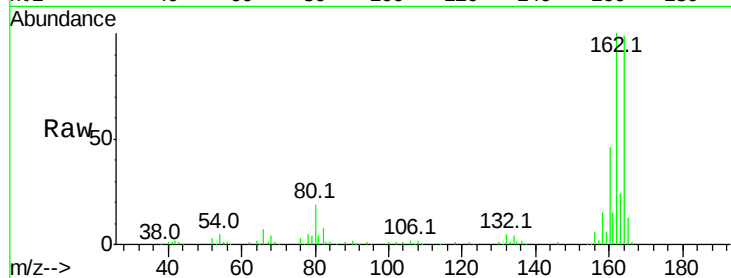




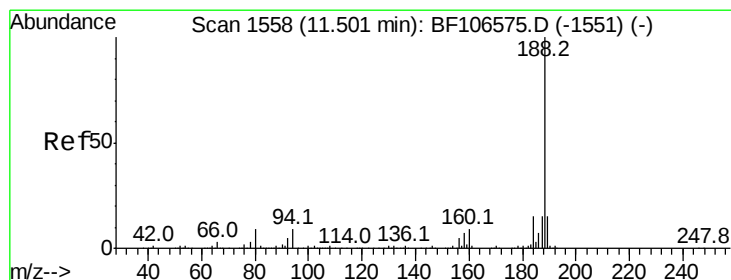
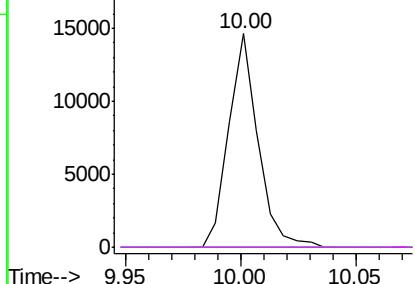
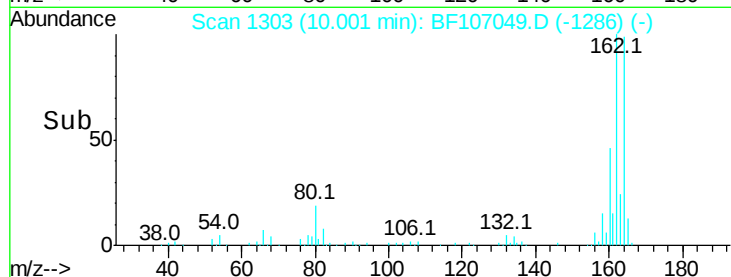
#56
2,4-Dinitrotoluene
Concen: 6.201 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 12964
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

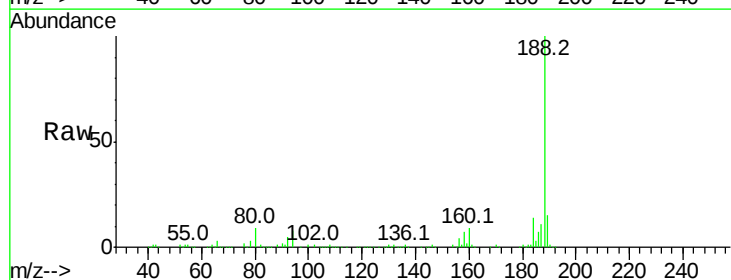


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

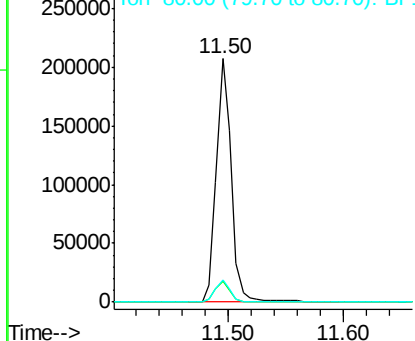
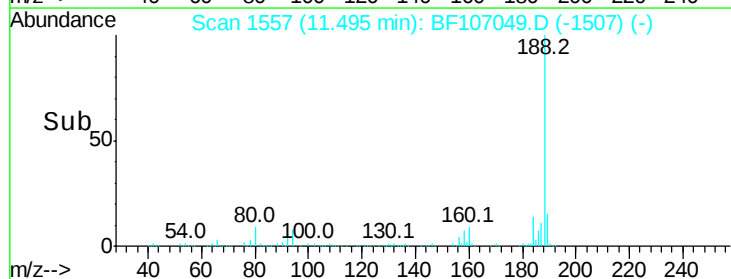


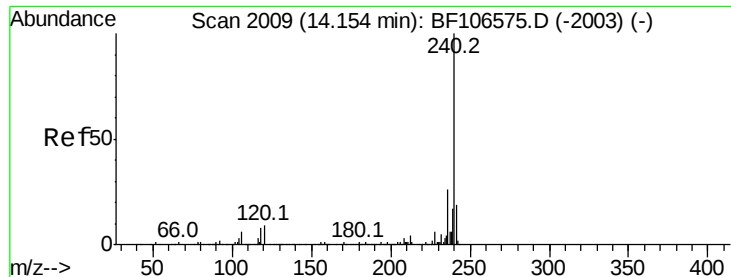
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Tgt Ion:188 Resp: 186107
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Instrument :

BNA_F

ClientSampleId :

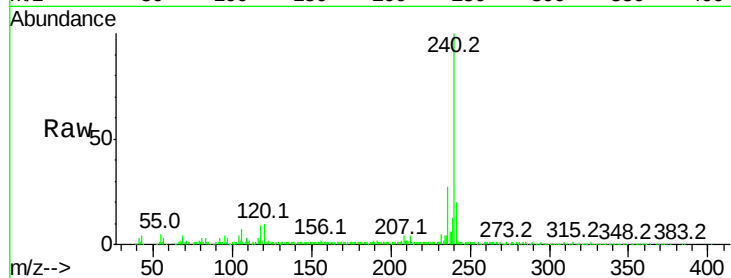
Tot Ion:240 Resp: 158339

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

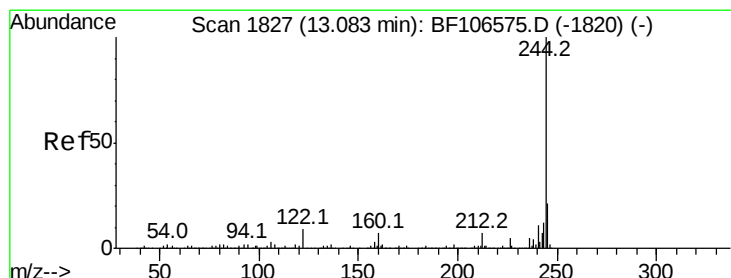
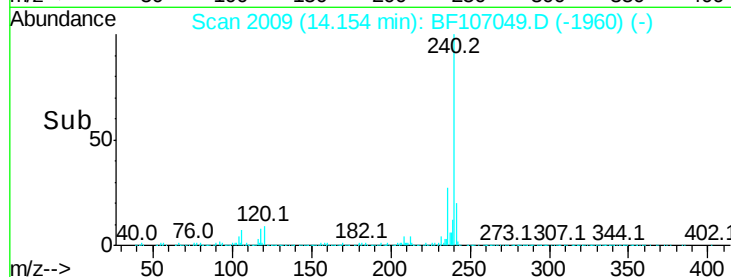
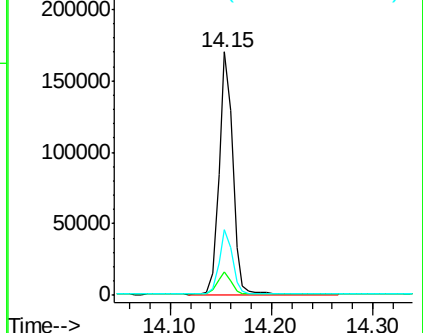
236 27.0 20.7 31.1



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: 15.580 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

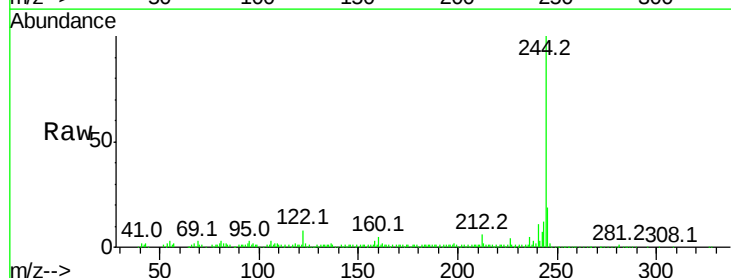
Tgt Ion:244 Resp: 101839

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

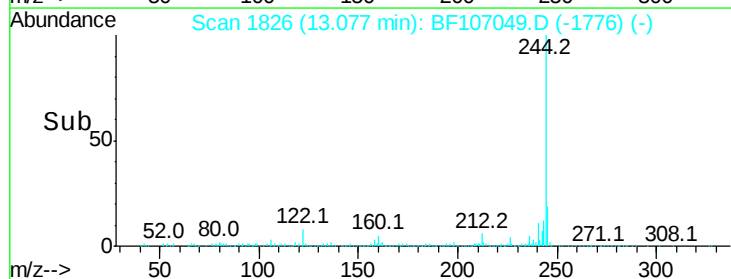
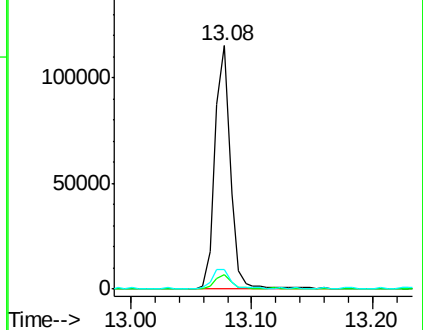
122 8.3 11.0 16.4#

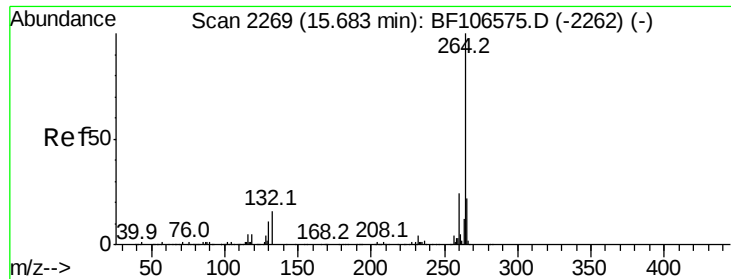


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

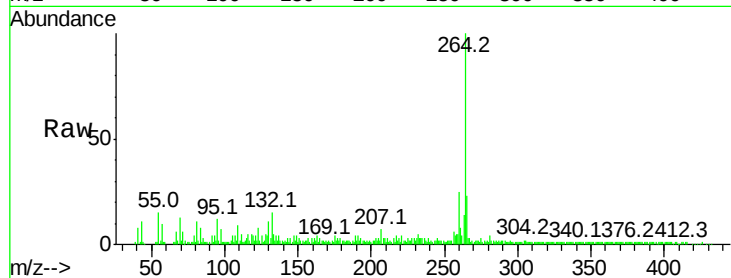




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.5	17.5	26.3



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

