

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106926.D
 Acq On : 28 Jun 2018 17:48
 Operator : JU/SJ
 Sample : J3048-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-GW

Quant Time: Jun 28 19:09:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

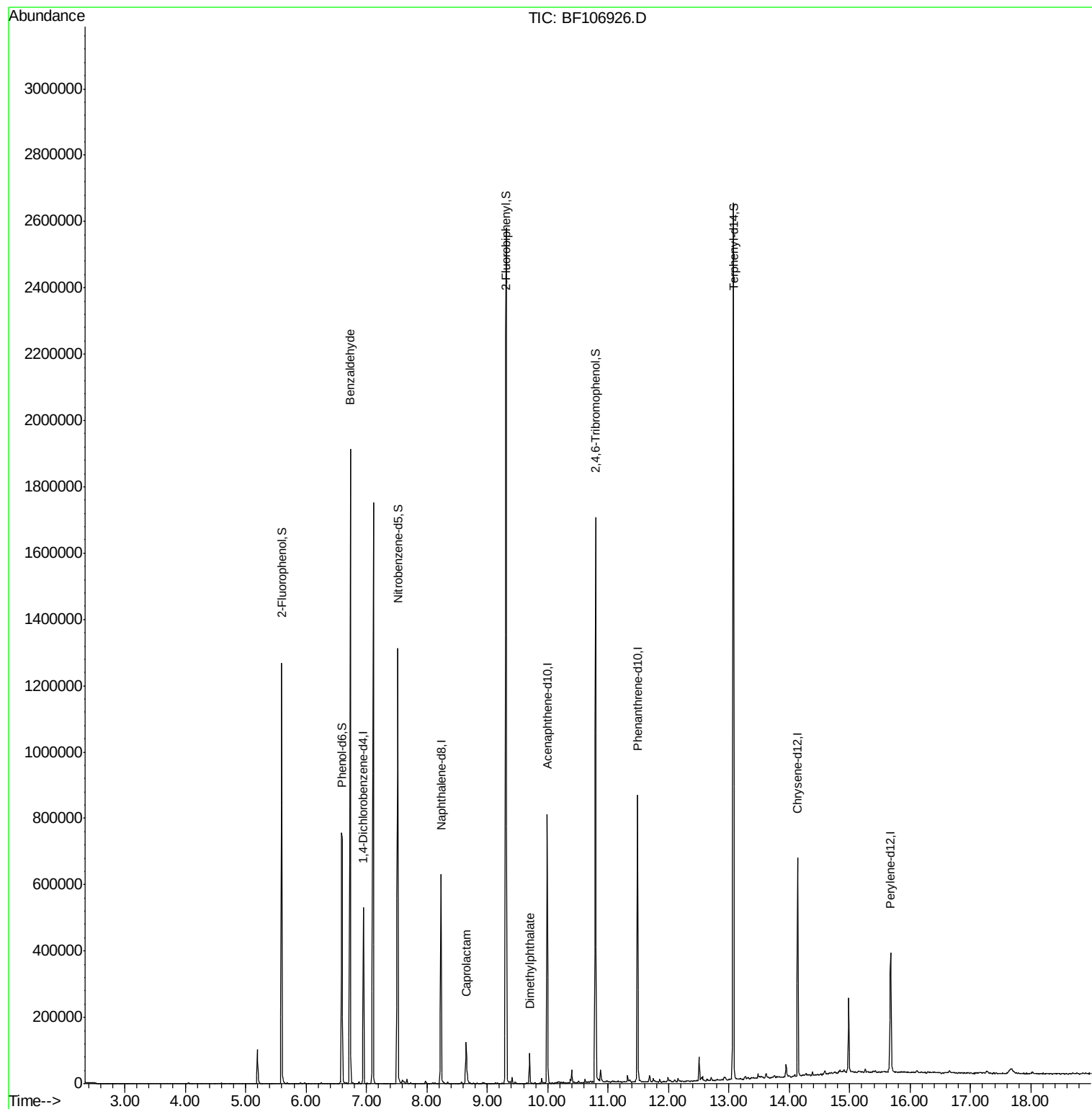
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84828	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	318673	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	164780	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	338467	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	248913	20.00	ng	-0.03
86) Perylene-d12	15.68	264	193035	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	347115	69.29	ng	0.00
7) Phenol-d6	6.60	99	281982	45.07	ng	-0.02
23) Nitrobenzene-d5	7.52	82	536472	93.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	302475	158.38	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	976573	103.53	ng	-0.01
78) Terphenyl-d14	13.08	244	1154537	112.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	12284	2.333	ng	85
35) Caprolactam	8.65	113	19140	13.129	ng	89
49) Dimethylphthalate	9.70	163	34877	2.822	ng	# 97

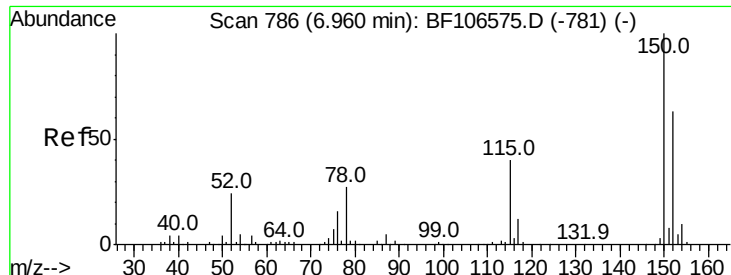
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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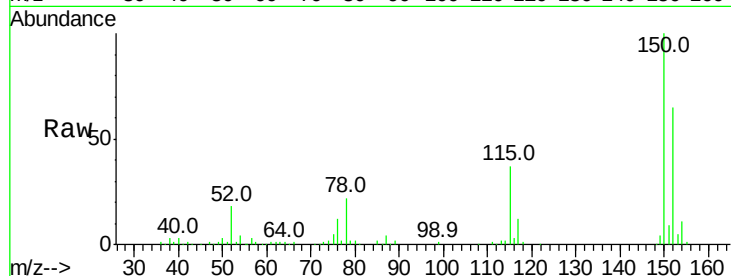


#1

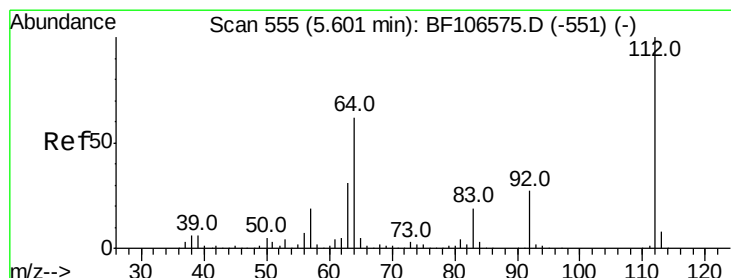
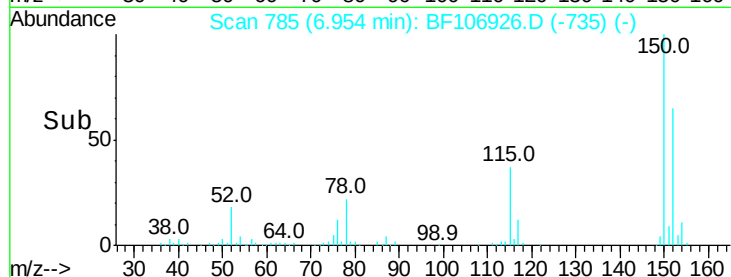
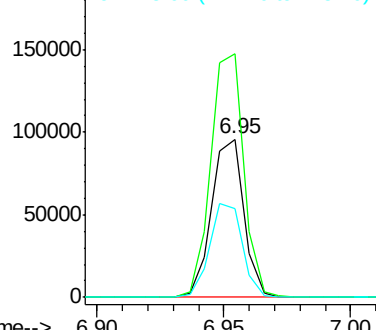
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TP-2-GW

Tot Ion:152 Resp: 84828
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 56.3 50.1 75.1



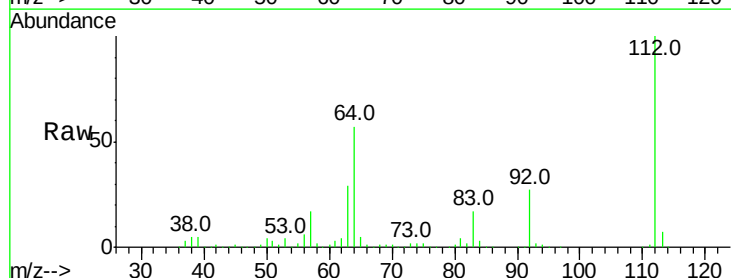
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



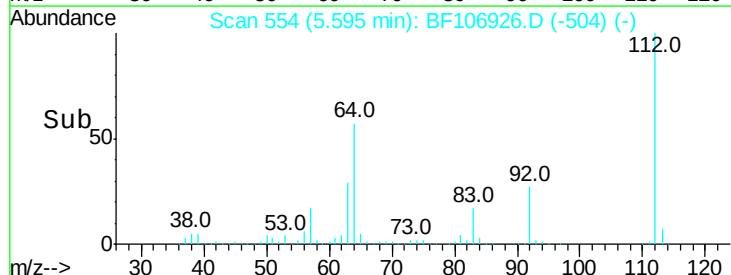
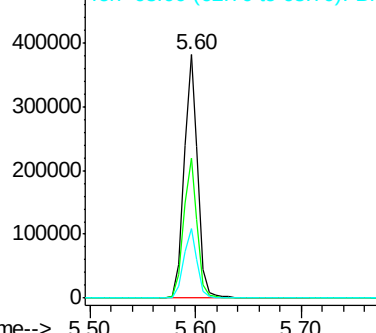
#5

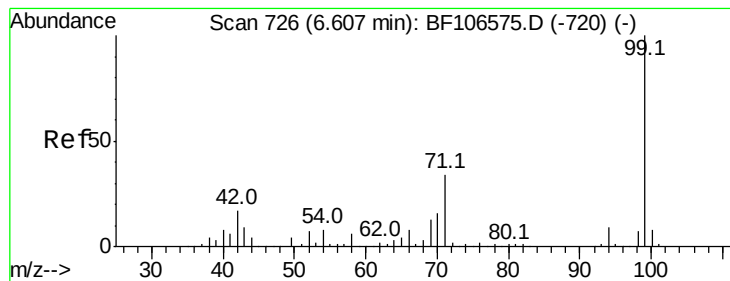
2-Fluorophenol
Concen: 69.290 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Tgt Ion:112 Resp: 347115
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.5 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: 45.074 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-2-GW

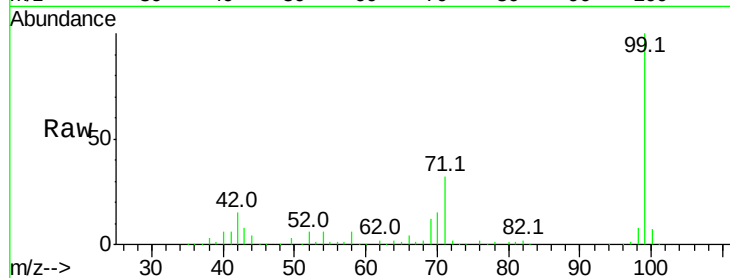
Tot Ion: 99 Resp: 281982

Ion Ratio Lower Upper

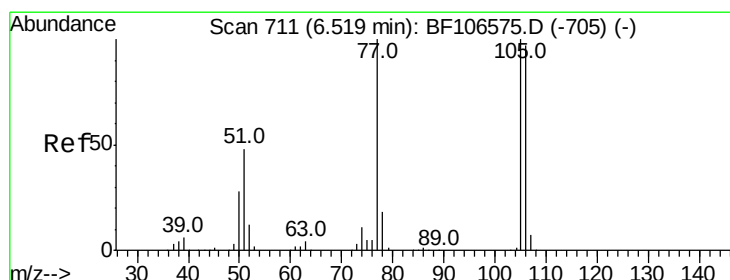
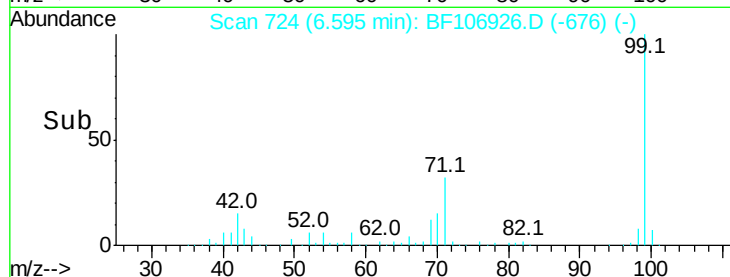
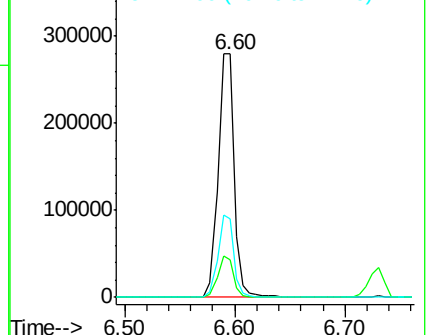
99 100

42 15.3 14.5 21.7

71 32.1 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



#9

Benzaldehyde

Concen: 2.333 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

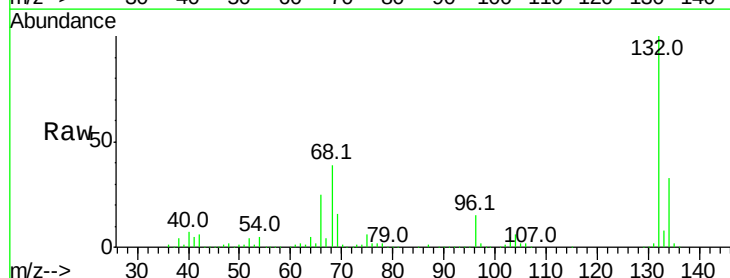
Tgt Ion: 77 Resp: 12284

Ion Ratio Lower Upper

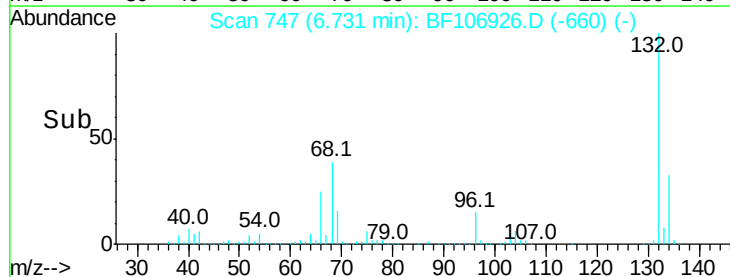
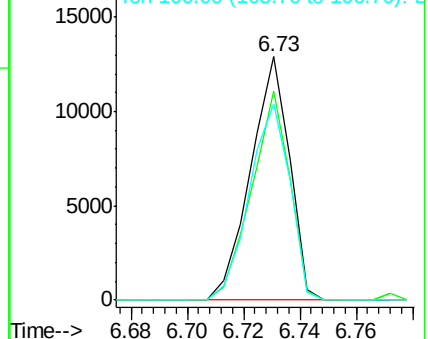
77 100

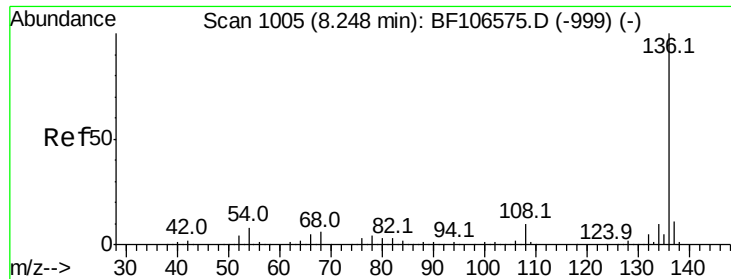
105 86.0 81.1 121.1

106 80.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

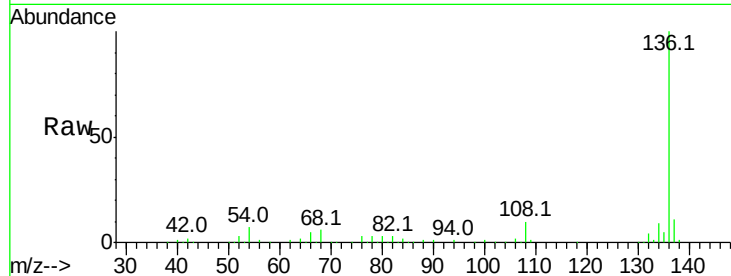




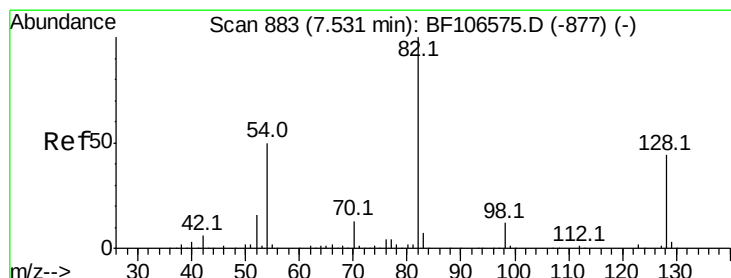
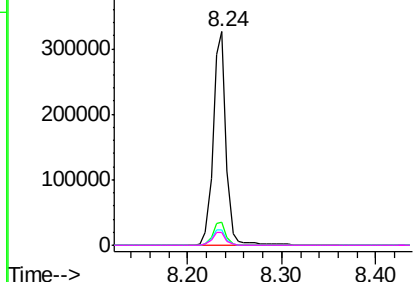
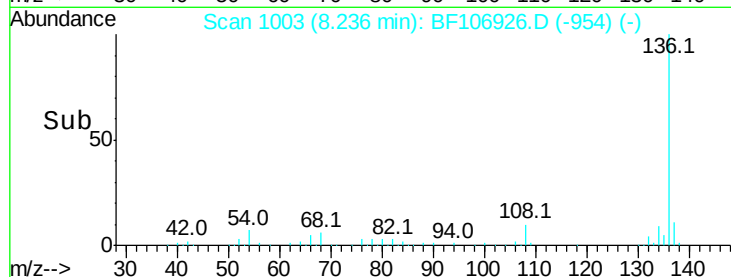
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Instrument :
BNA_F
ClientSampled :
TP-2-GW

Tot Ion:	136	Resp:	318673
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

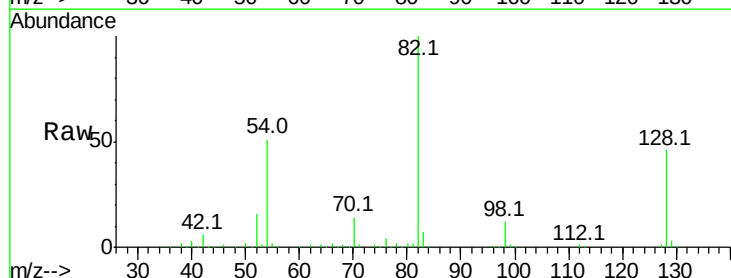


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

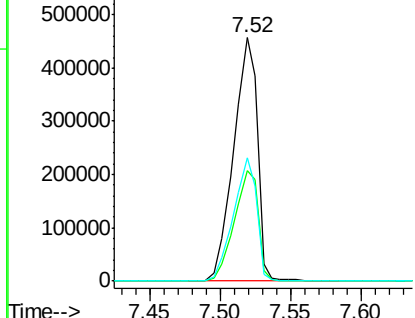
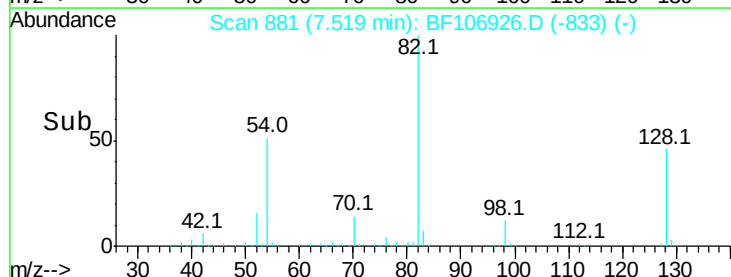


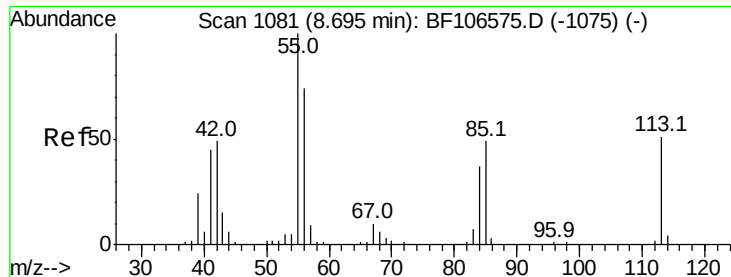
#23
Nitrobenzene-d5
Concen: 93.556 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Tgt Ion:	82	Resp:	536472
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	50.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#35

Caprolactam

Concen: 13.129 ng

RT: 8.65 min Scan# 1074

Delta R.T. -0.06 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-2-GW

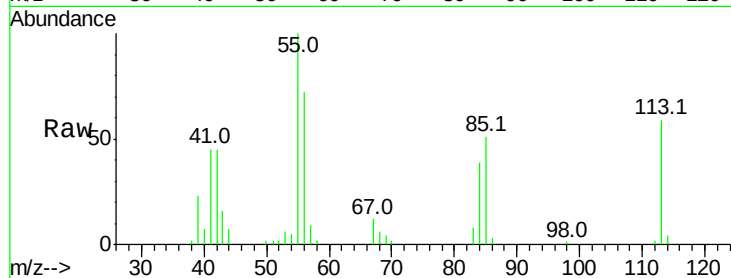
Tot Ion:113 Resp: 19140

Ion Ratio Lower Upper

113 100

55 169.3 163.3 203.3

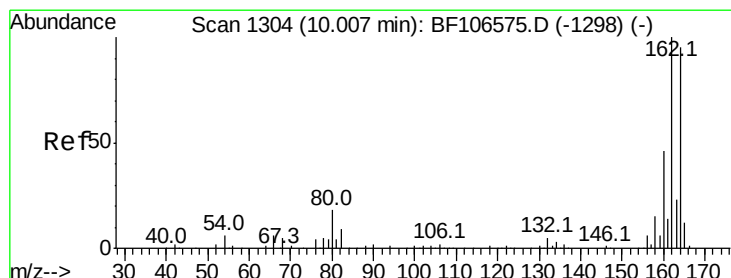
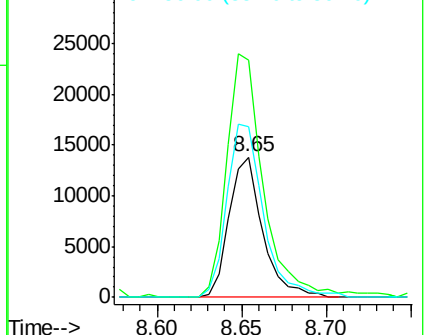
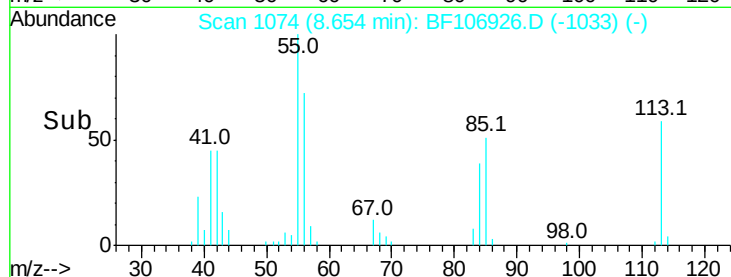
56 121.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

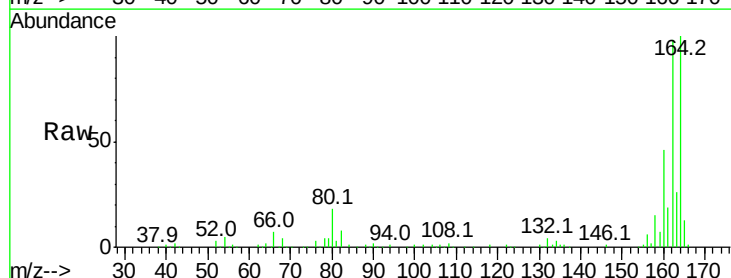
Tgt Ion:164 Resp: 164780

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

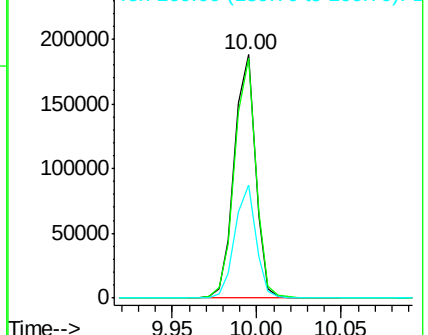
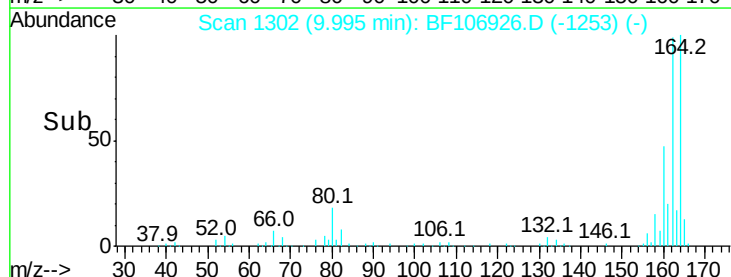
160 46.5 38.3 57.5

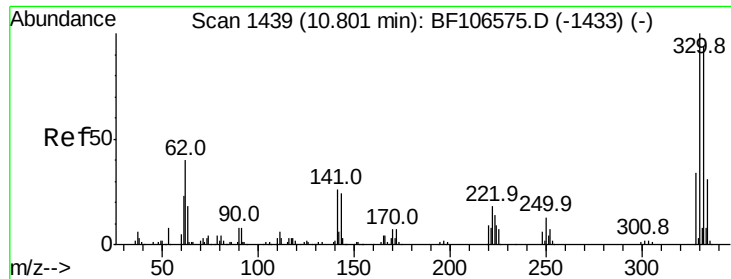


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

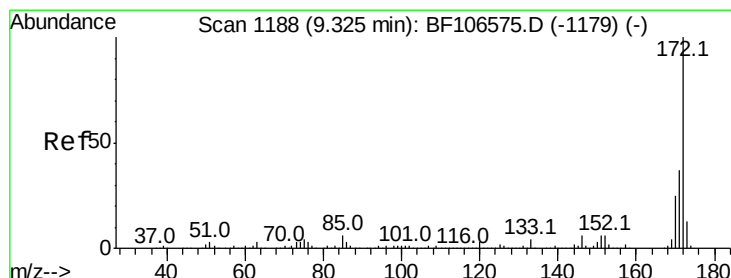
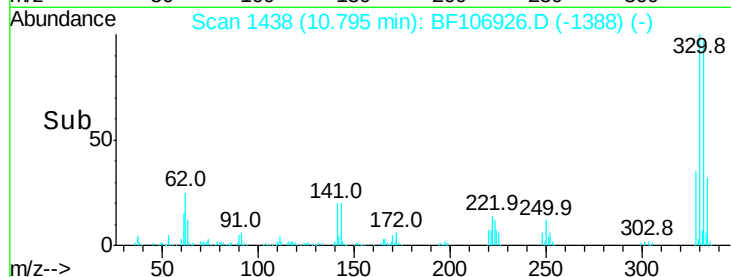
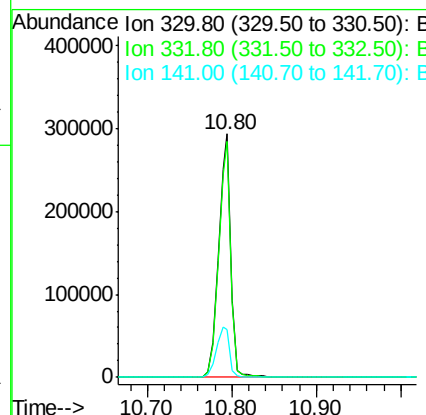
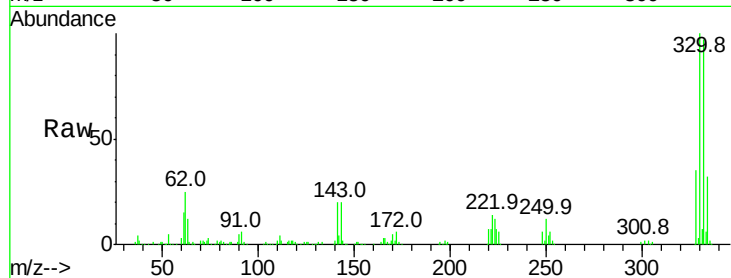




#41
 2,4,6-Tribromophenol
 Concen: 158.377 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106926.D
 Acq: 28 Jun 2018 17:48

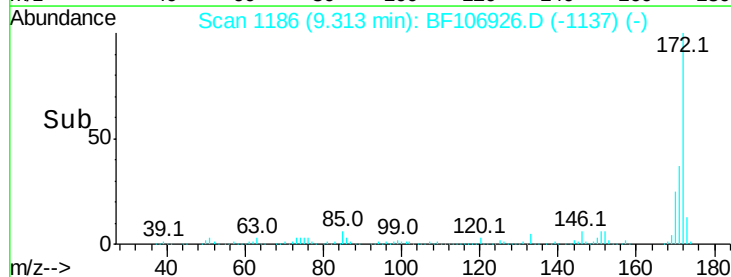
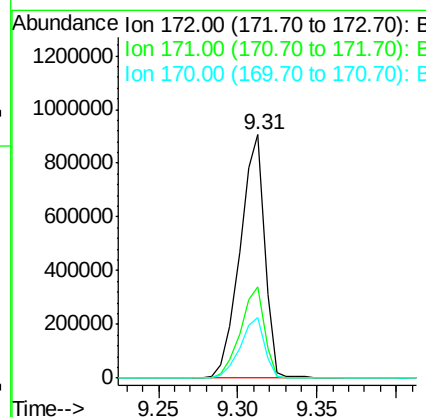
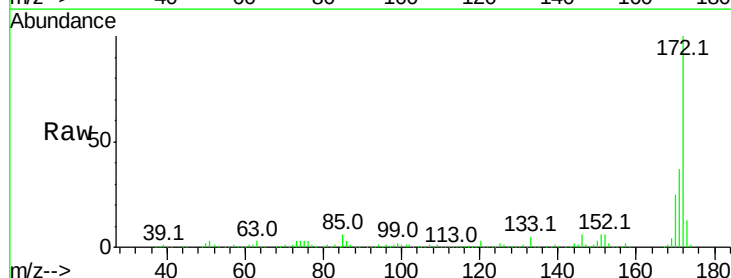
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-GW

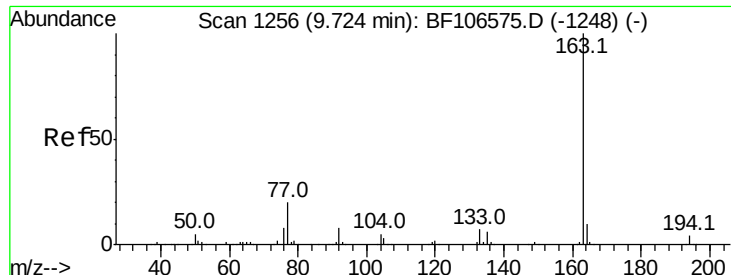
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.530 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106926.D
 Acq: 28 Jun 2018 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.1	19.6	29.4

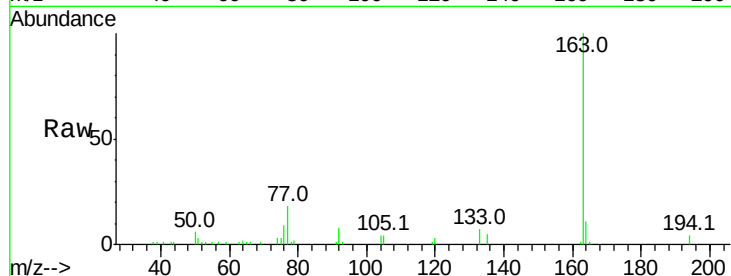




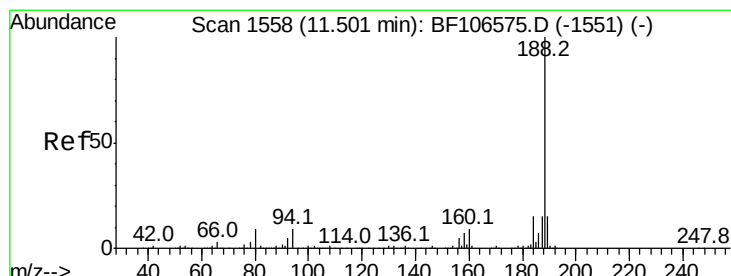
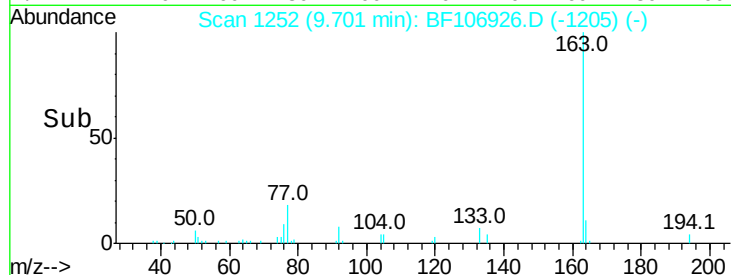
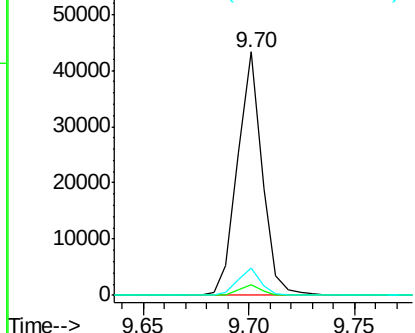
#49
Dimethylphthalate
Concen: 2.822 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Instrument :
BNA_F
ClientSampleId :
TP-2-GW

Tot Ion:163 Resp: 34877
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.2 8.2 12.2

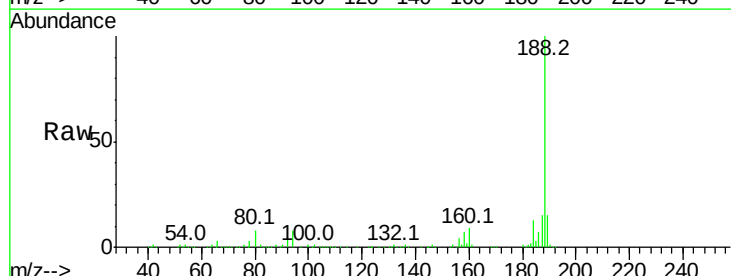


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

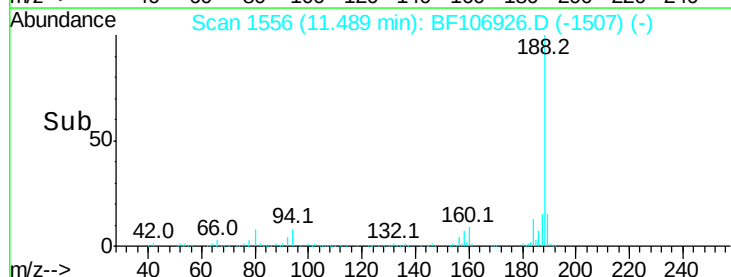
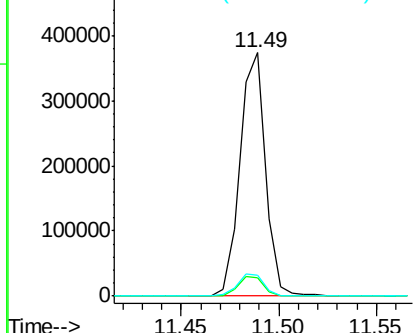


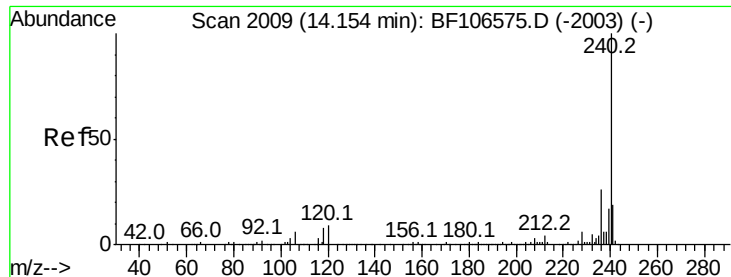
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106926.D
Acq: 28 Jun 2018 17:48

Tgt Ion:188 Resp: 338467
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.5 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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

Instrument :

BNA_F

ClientSampleId :

TP-2-GW

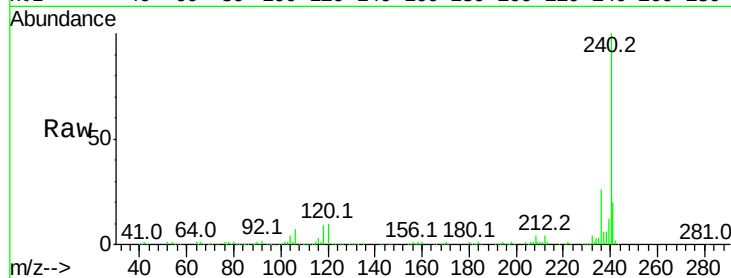
Tot Ion:240 Resp: 248913

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

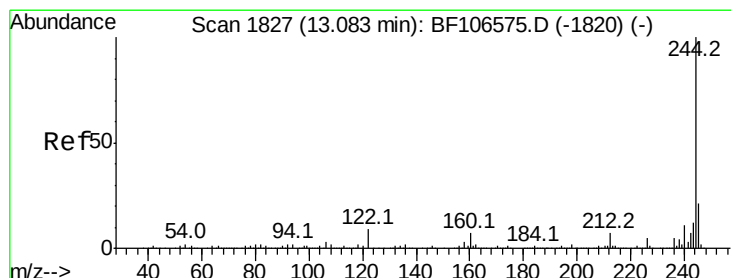
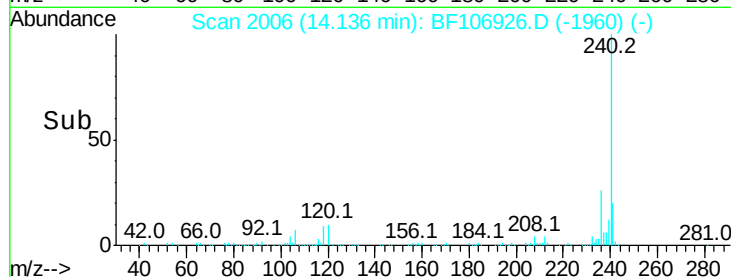
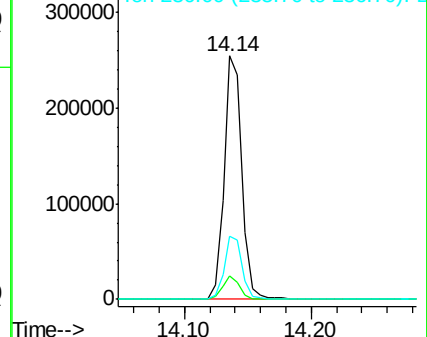
236 25.9 20.7 31.1



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: 112.354 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106926.D

Acq: 28 Jun 2018 17:48

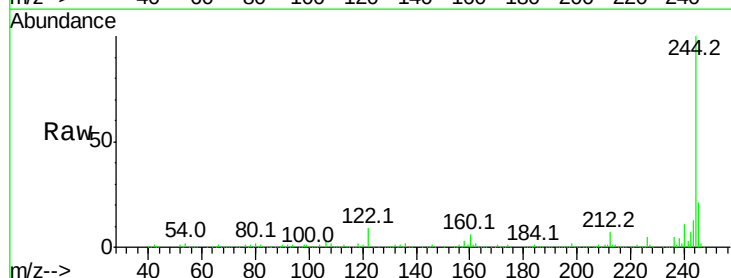
Tgt Ion:244 Resp: 1154537

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

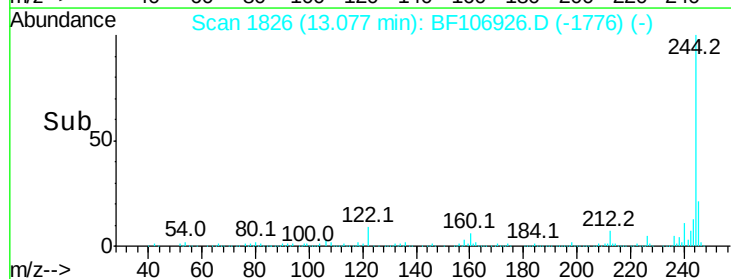
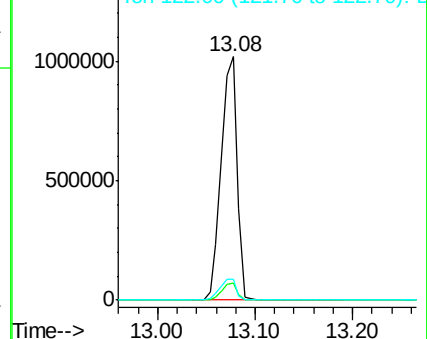
122 8.6 11.0 16.4#

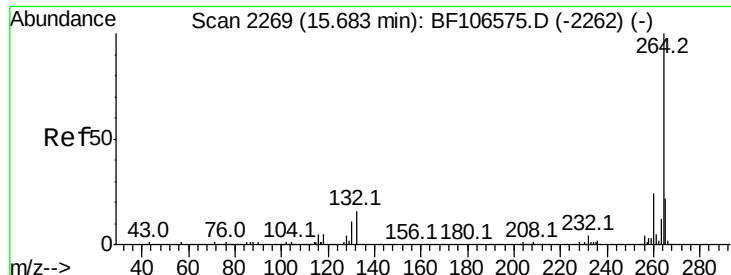


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

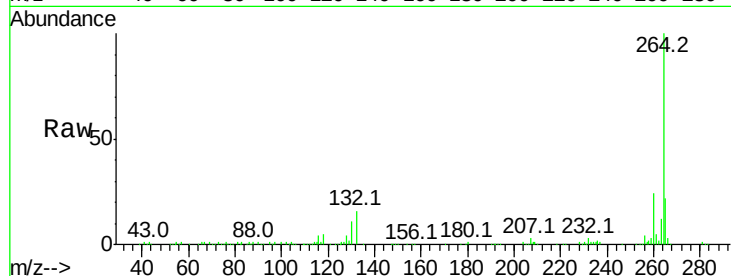




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106926.D
 Acq: 28 Jun 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-GW

Tot Ion:	264	Resp:	193035
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	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

