

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107966.D
 Acq On : 4 Aug 2018 4:33
 Operator : JU/SJ
 Sample : J4321-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-NW-IMPACTED-0818

Quant Time: Aug 06 03:31:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

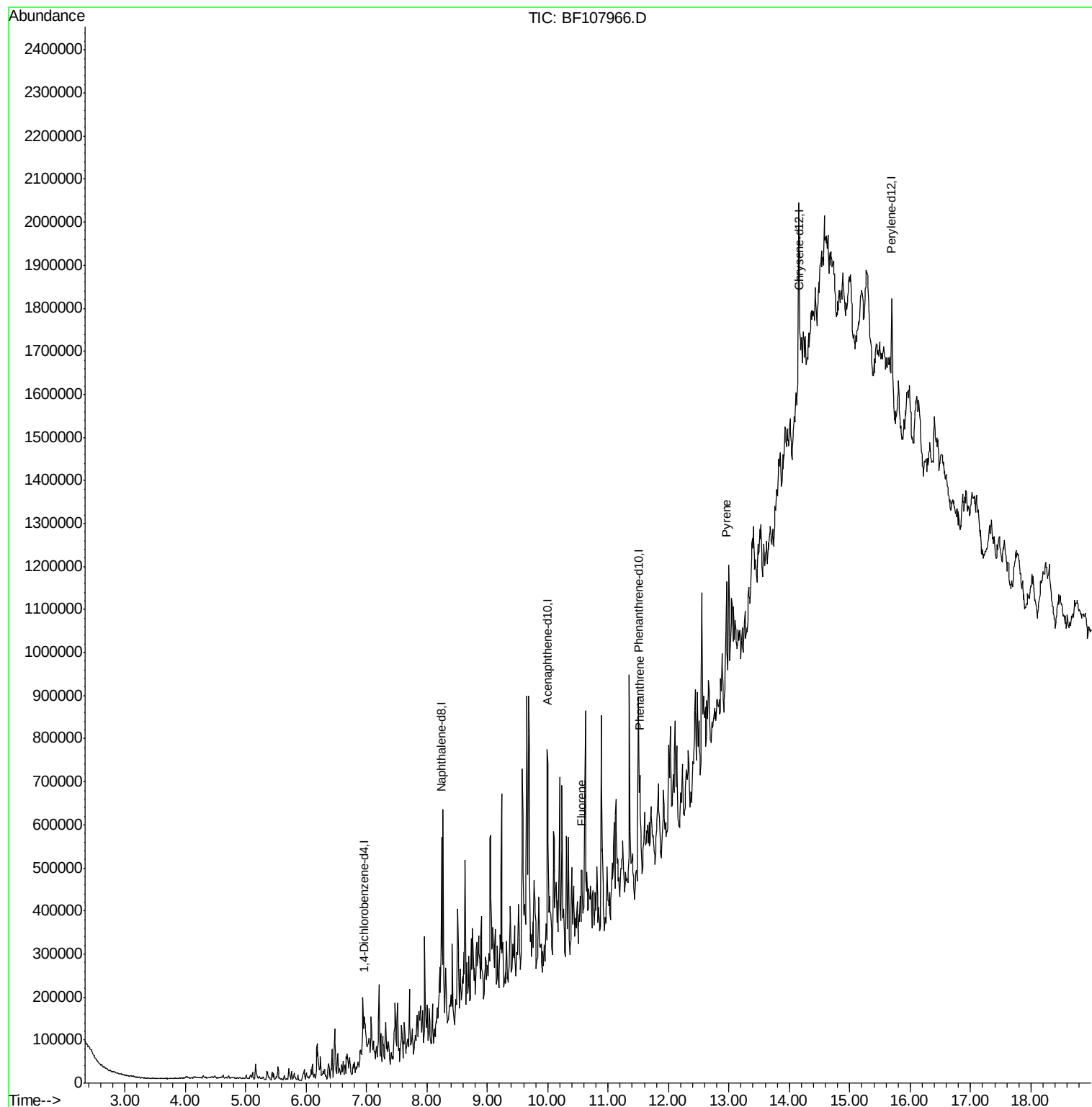
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	61264	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365252	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	137460	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	294005	20.00	ng	0.00
75) Chrysene-d12	14.15	240	274430	20.00	ng	0.00
86) Perylene-d12	15.70	264	202571	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.72	99	376	0.08	ng	0.11
23) Nitrobenzene-d5	7.54	82	901	0.14	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	2043	1.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	16834	1.71	ng	0.00
78) Terphenyl-d14	13.08	244	20000	1.58	ng	0.00
Target Compounds						
57) Fluorene	10.55	166	20861	2.044	ng	# 86
70) Phenanthrene	11.52	178	104178	7.462	ng	# 93
77) Pyrene	12.95	202	58820	2.977	ng	# 76

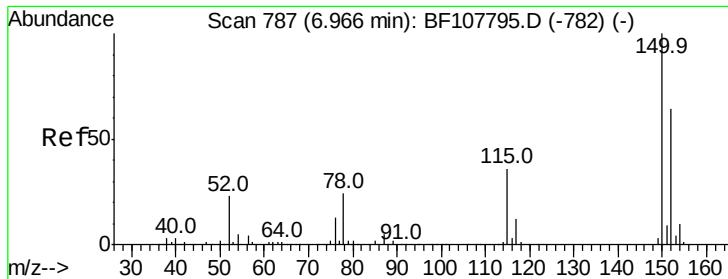
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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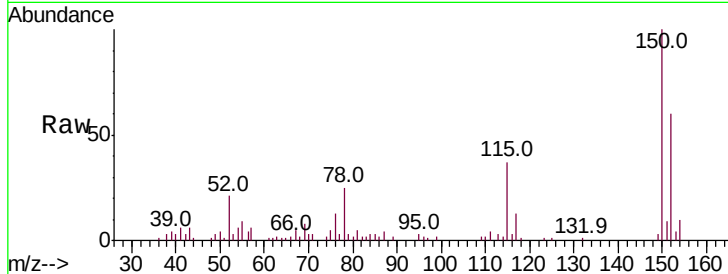


#1

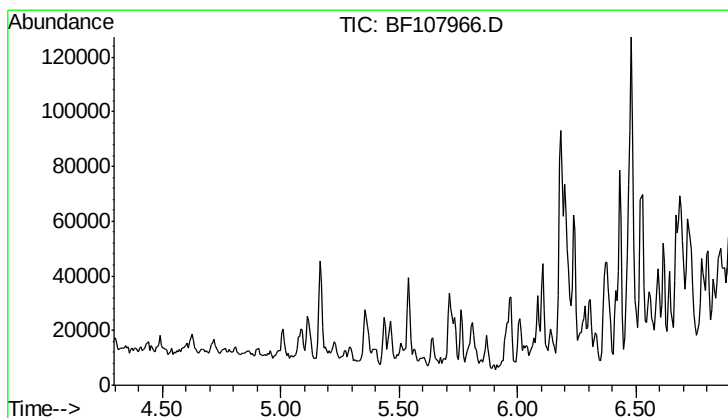
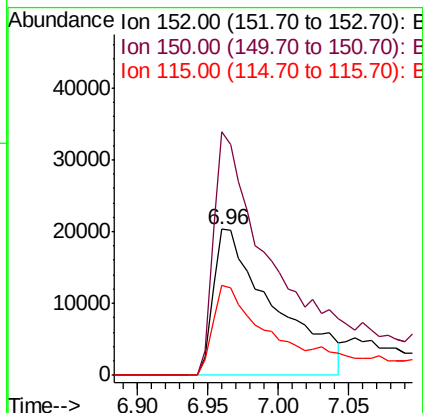
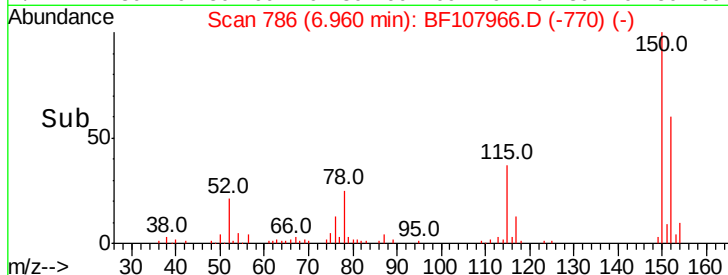
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

Instrument :
 BNA_F
 ClientSampleId :
 EP1-NW-IMPACTED-0818

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.9	124.6	186.8
115	61.8	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

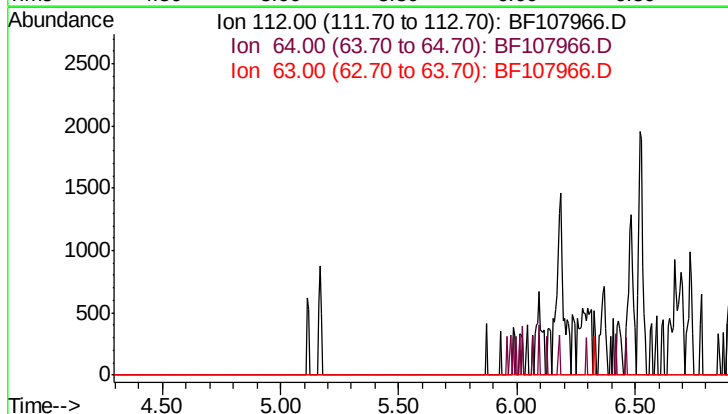


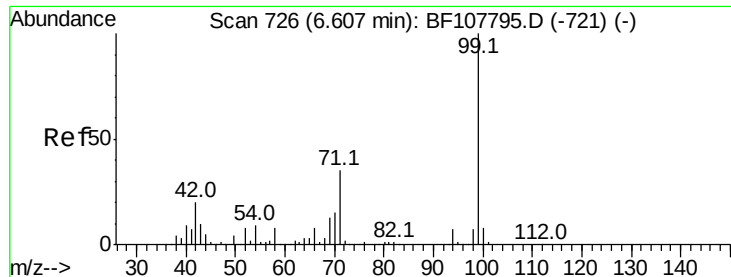
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.59 min

Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6





#7

Phenol-d6

Concen: 0.079 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.11 min

Lab File: BF107966.D

Acq: 4 Aug 2018 4:33

Instrument :

BNA_F

ClientSampleId :

EP1-NW-IMPACTED-0818

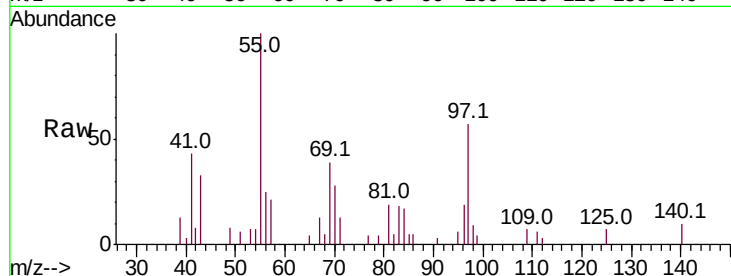
Tot Ion: 99 Resp: 376

Ion Ratio Lower Upper

99 100

42 207.2 14.5 21.7#

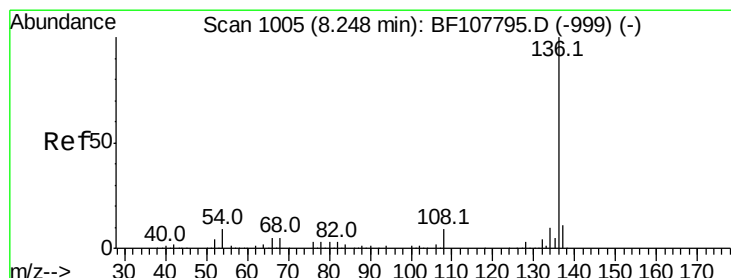
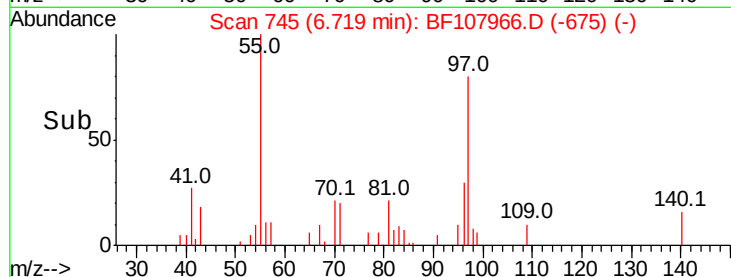
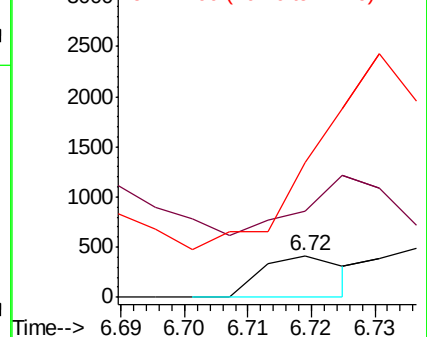
71 321.6 25.4 38.0#



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: BF107966.D

Acq: 4 Aug 2018 4:33

Tgt Ion: 136 Resp: 365252

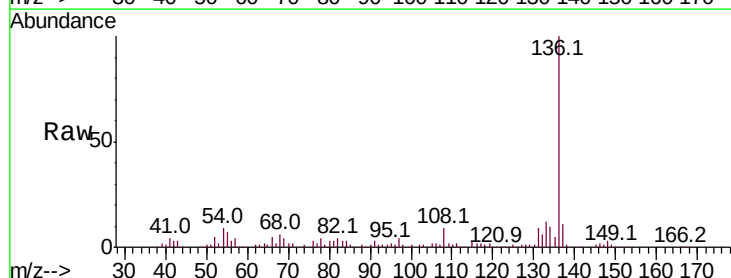
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.7 6.6 9.8

68 5.8 5.0 7.4

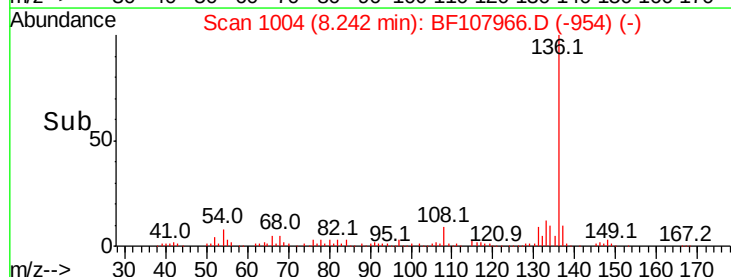
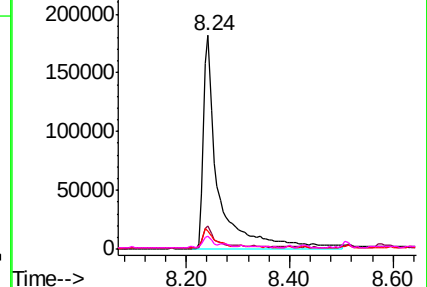


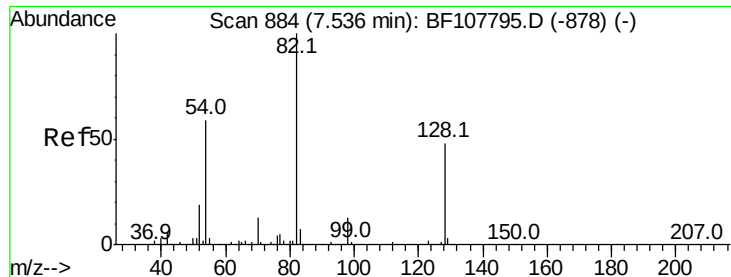
Abundance Ion 136.00 (135.70 to 136.70): E

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

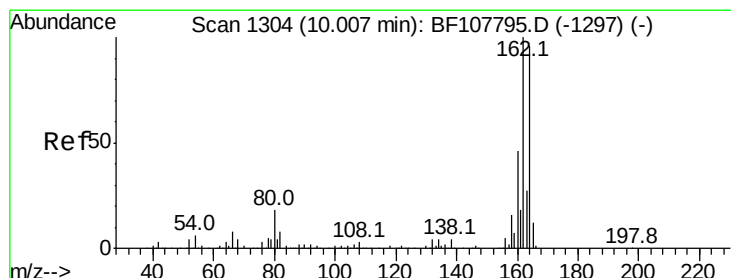
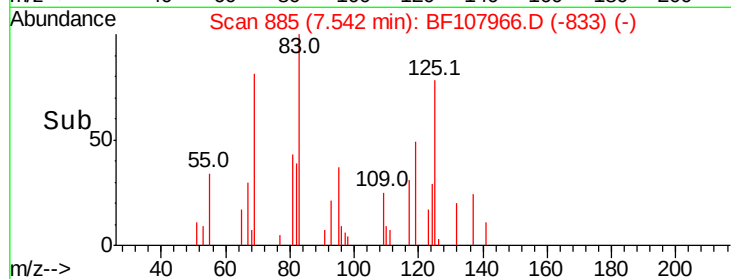
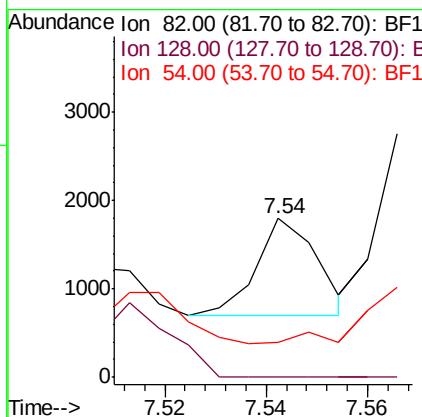
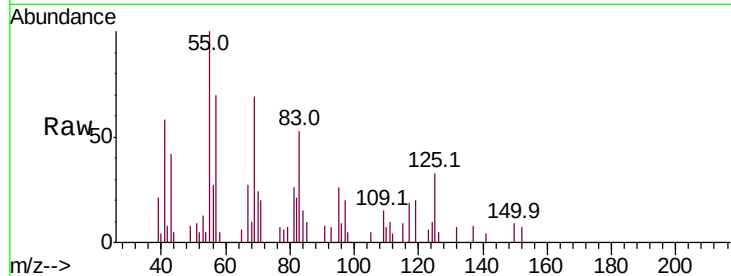




#23
 Nitrobenzene-d5
 Concen: 0.142 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

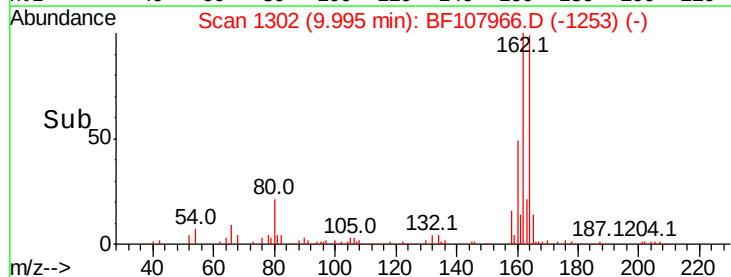
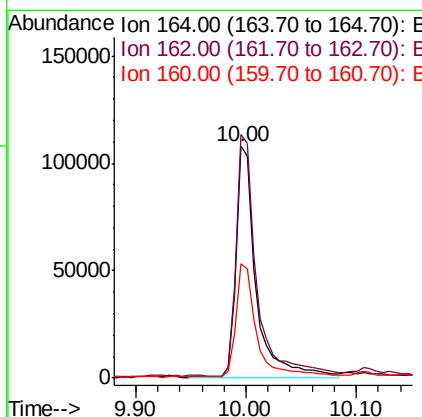
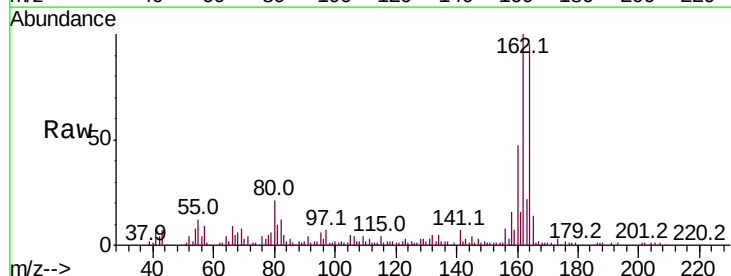
Instrument :
 BNA_F
 ClientSampleId :
 EP1-NW-IMPACTED-0818

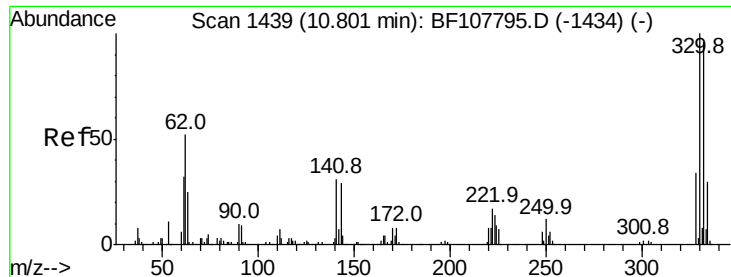
Tot Ion: 82 Resp: 901
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 22.4 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

Tgt Ion: 164 Resp: 137460
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 49.3 38.3 57.5

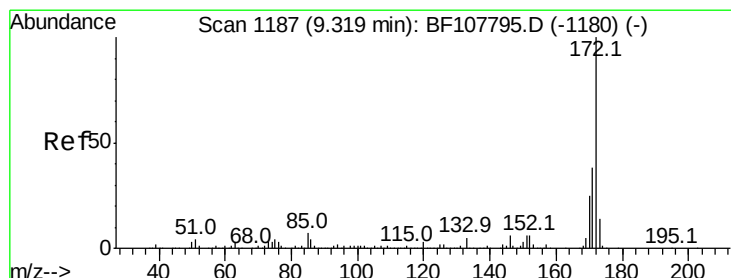
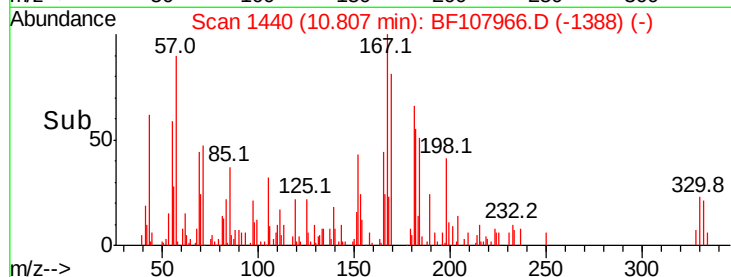
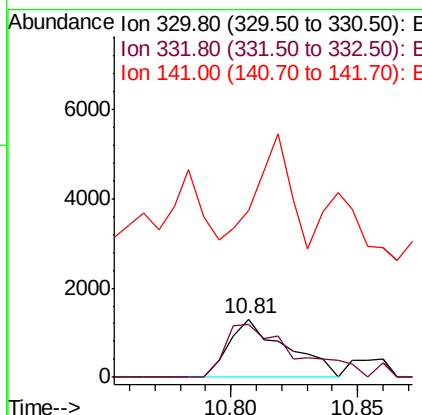
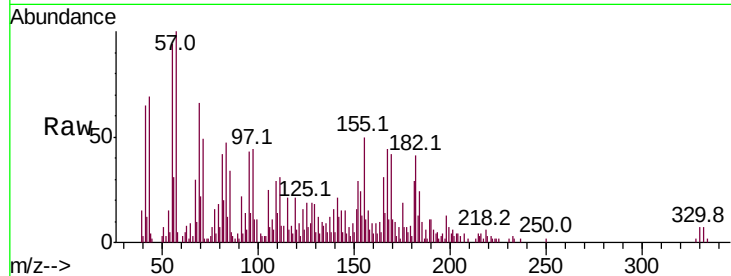




#41
 2,4,6-Tribromophenol
 Concen: 1.094 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

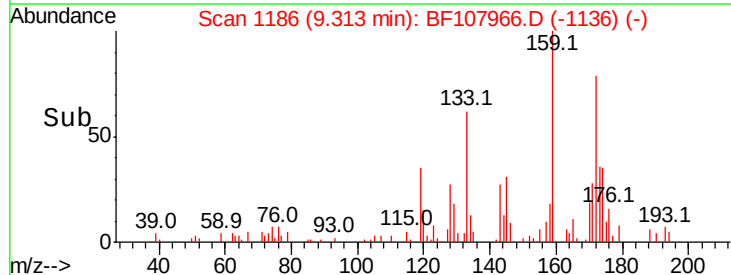
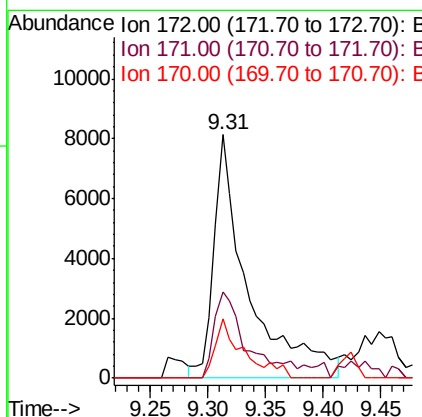
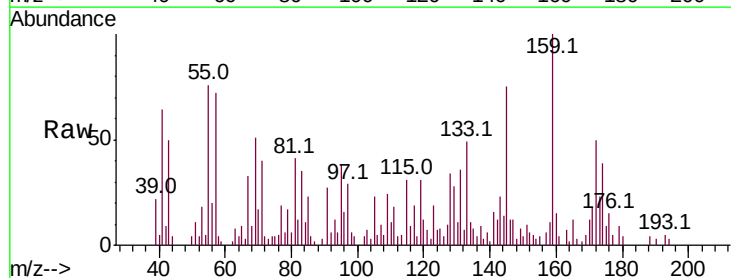
Instrument :
 BNA_F
 ClientSampleId :
 EP1-NW-IMPACTED-0818

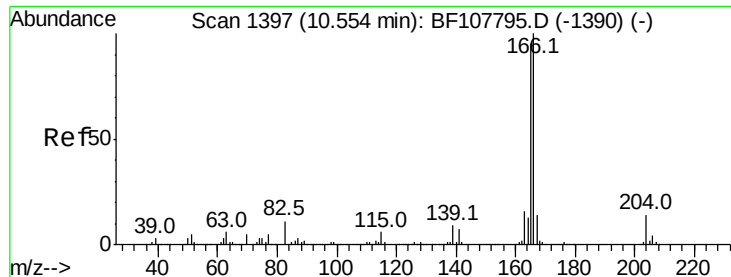
Tot Ion	Ratio	Lower	Upper
330	100		
332	117.8	77.0	115.6#
141	115.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.707 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107966.D
 Acq: 4 Aug 2018 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.6	19.6	29.4





#57

Fluorene

Concen: 2.044 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF107966.D

Acq: 4 Aug 2018 4:33

Instrument :

BNA_F

ClientSampleId :

EP1-NW-IMPACTED-0818

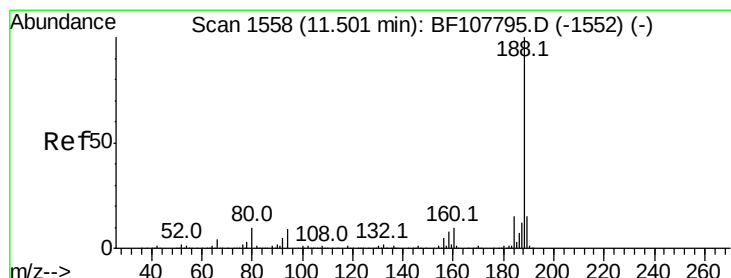
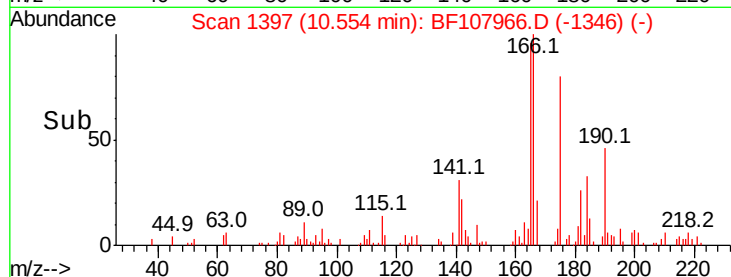
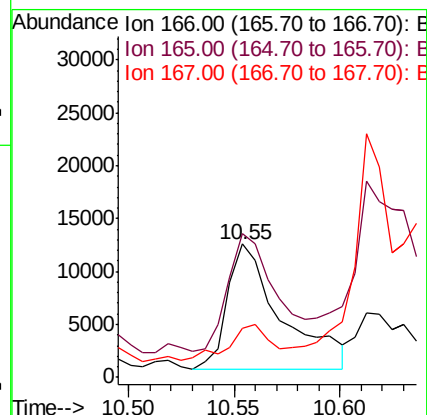
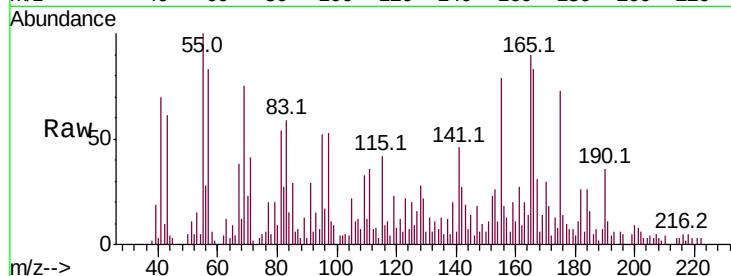
Tot Ion:166 Resp: 20861

Ion Ratio Lower Upper

166 100

165 107.6 79.8 119.8

167 37.2 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF107966.D

Acq: 4 Aug 2018 4:33

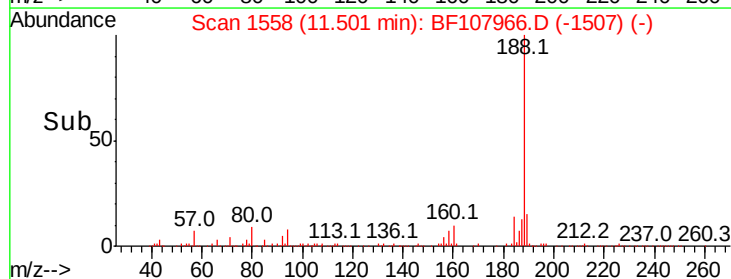
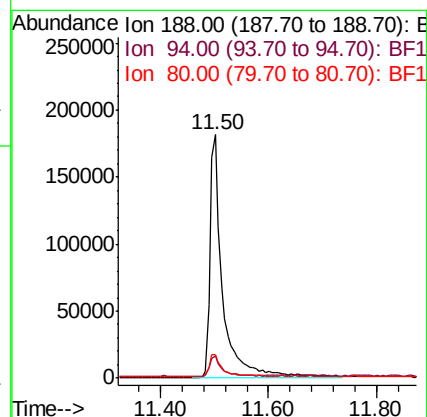
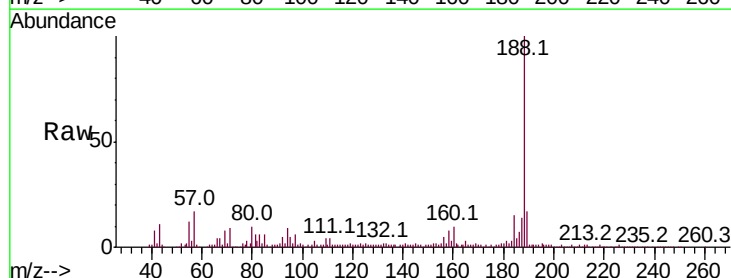
Tgt Ion:188 Resp: 294005

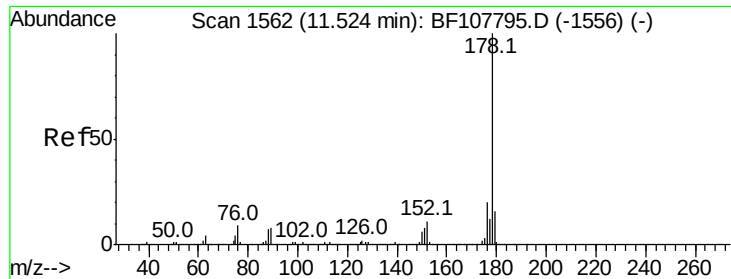
Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

80 9.7 9.2 13.8

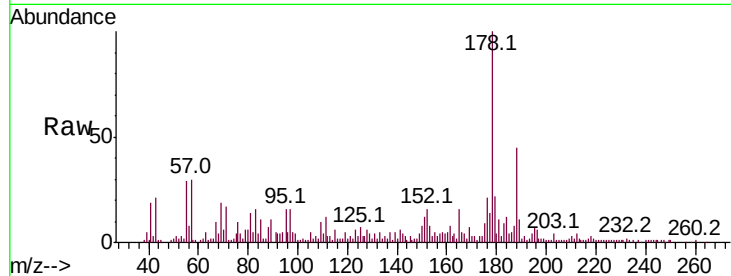




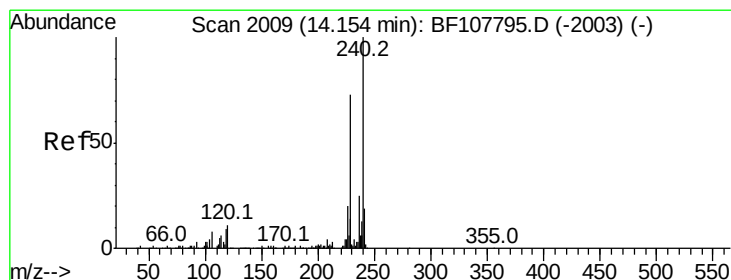
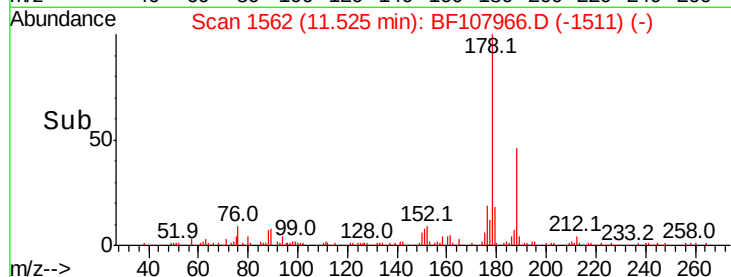
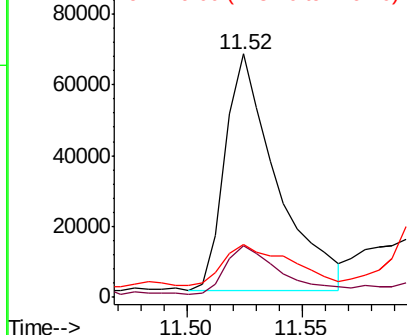
#70
Phenanthrene
Concen: 7.462 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107966.D
Acq: 4 Aug 2018 4:33

Instrument :
BNA_F
ClientSampleId :
EP1-NW-IMPACTED-0818

Tot Ion:178 Resp: 104178
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 21.7 13.0 19.6#

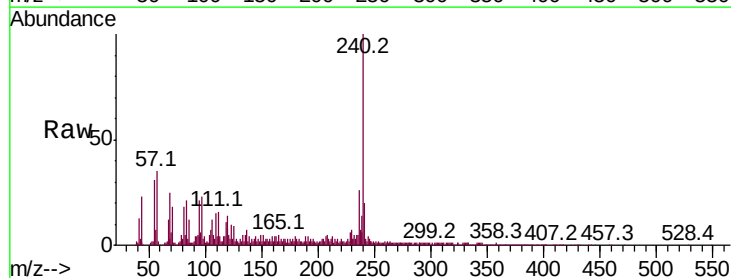


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

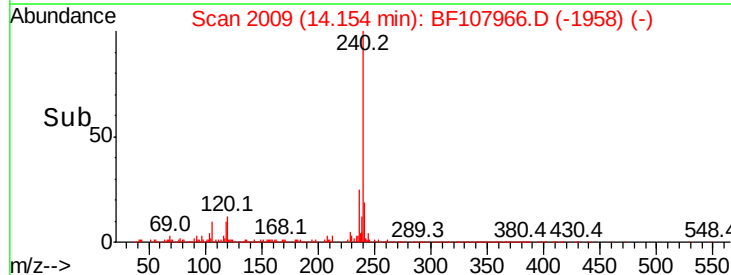
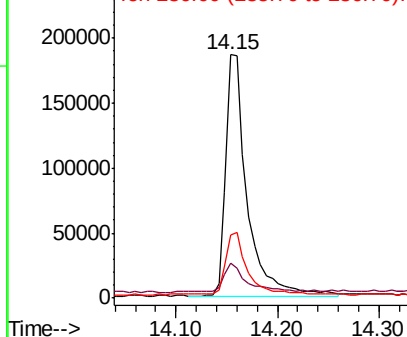


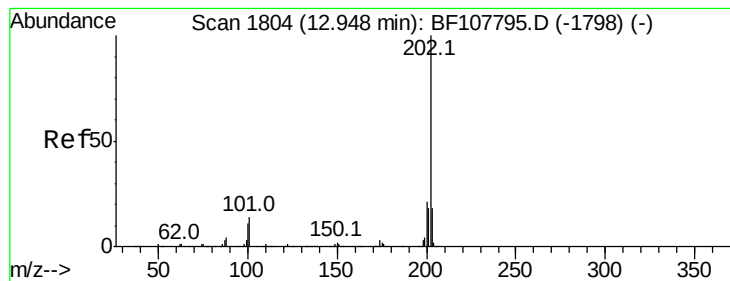
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107966.D
Acq: 4 Aug 2018 4:33

Tgt Ion:240 Resp: 274430
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 26.2 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





#77

Pvrene

Concen: 2.977 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107966.D

Acq: 4 Aug 2018 4:33

Instrument :

BNA_F

ClientSampleId :

EP1-NW-IMPACTED-0818

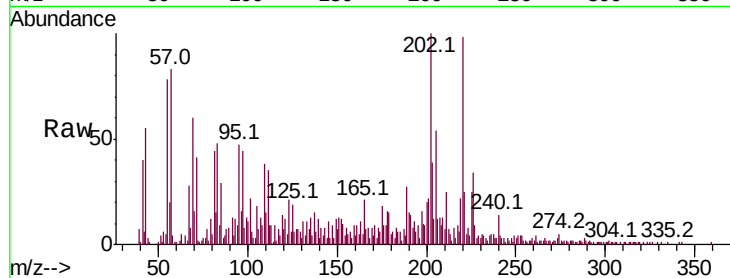
Tot Ion:202 Resp: 58820

Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

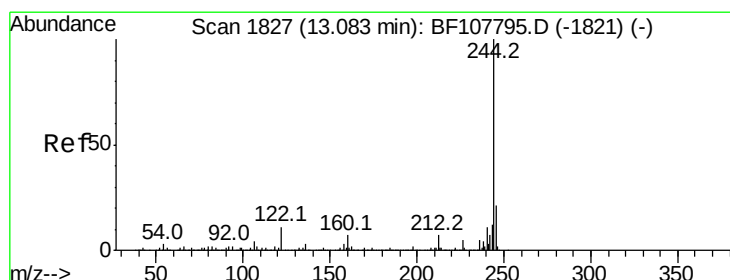
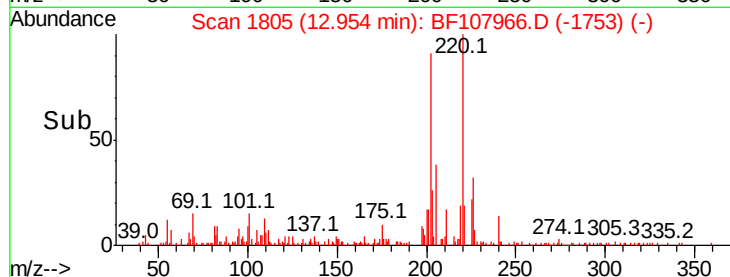
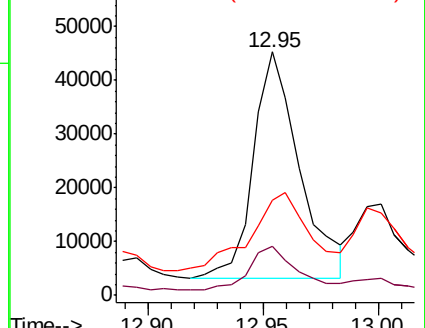
203 38.9 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 1.580 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107966.D

Acq: 4 Aug 2018 4:33

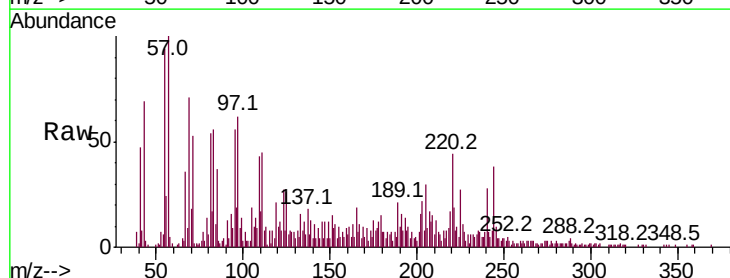
Tgt Ion:244 Resp: 20000

Ion Ratio Lower Upper

244 100

212 17.6 5.4 8.0#

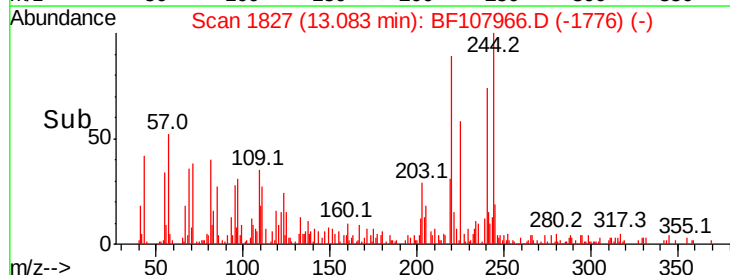
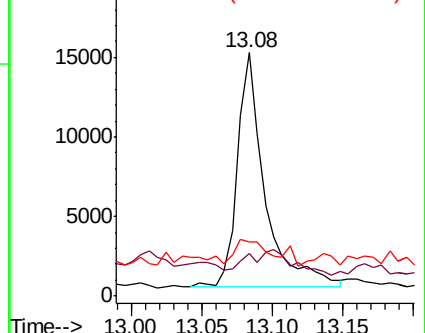
122 22.1 11.0 16.4#

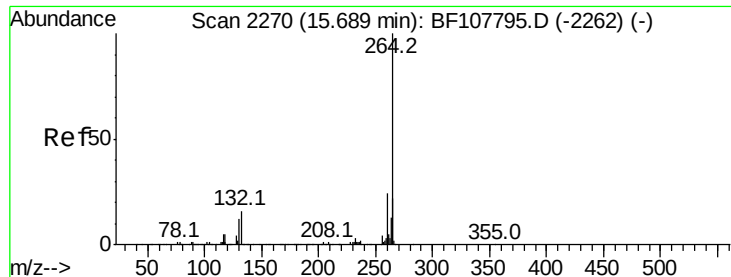


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

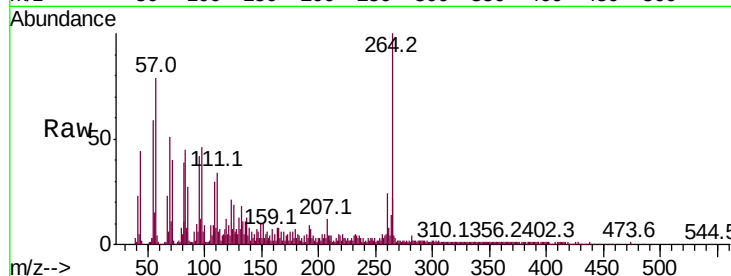




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107966.D
Acq: 4 Aug 2018 4:33

Instrument :
BNA_F
ClientSampleId :
EP1-NW-IMPACTED-0818

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	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

