

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107910.D
 Acq On : 2 Aug 2018 15:40
 Operator : JU/SJ
 Sample : J4267-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-W

Quant Time: Aug 02 17:17:07 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

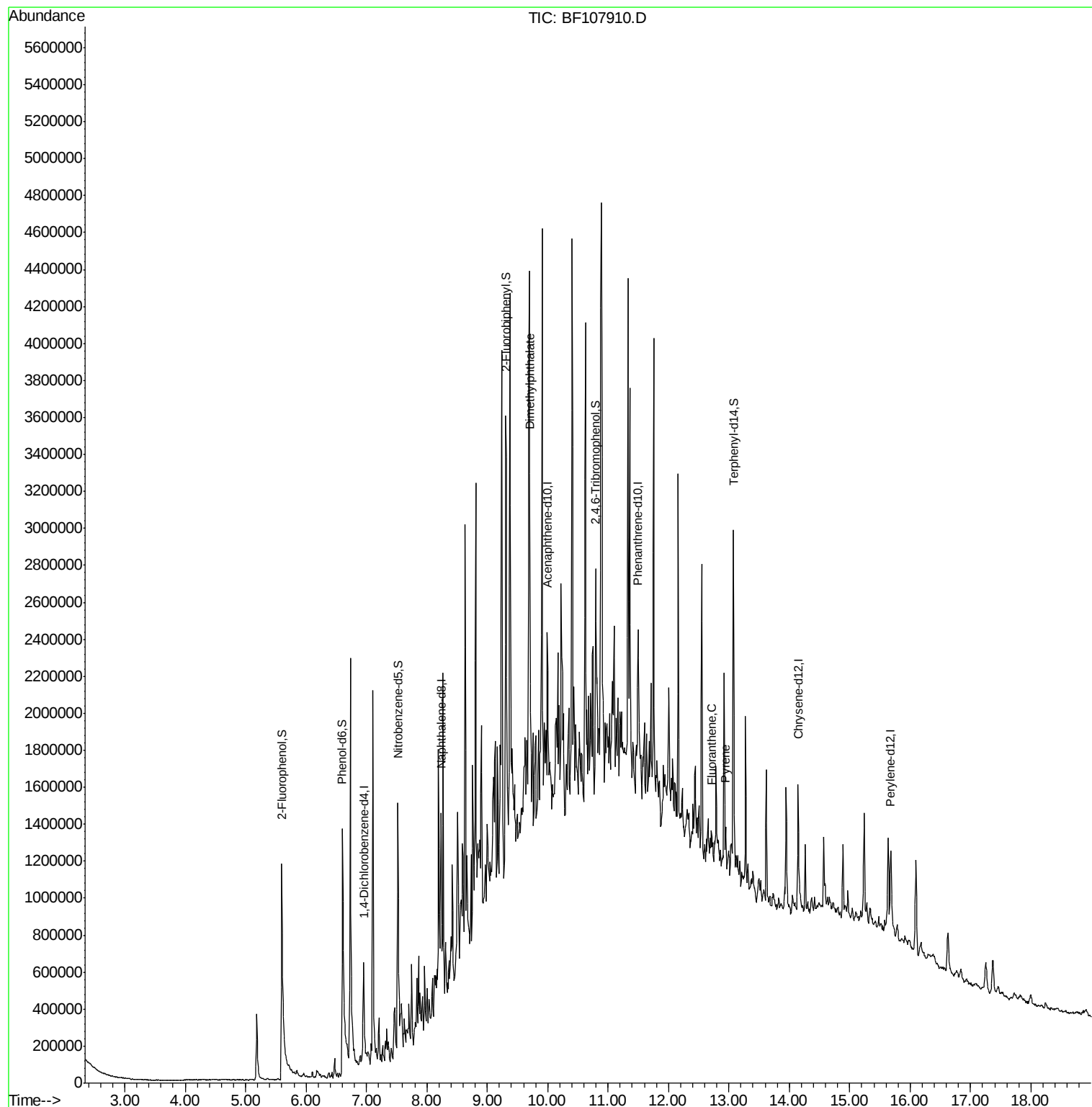
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	147868	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	565026	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	224404	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	379612	20.00	ng	0.00
75) Chrysene-d12	14.15	240	354994	20.00	ng	0.00
86) Perylene-d12	15.68	264	385454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	809792	93.07	ng	0.00
7) Phenol-d6	6.60	99	1055964	92.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	591198	60.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	251920	82.62	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1083279	67.27	ng	-0.01
78) Terphenyl-d14	13.08	244	952621	58.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	114630	6.802	ng	# 95
74) Fluoranthene	12.71	202	56790	2.682	ng	# 88
77) Pyrene	12.95	202	83735	3.276	ng	# 90

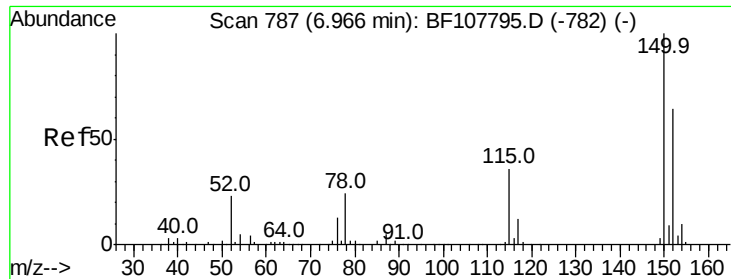
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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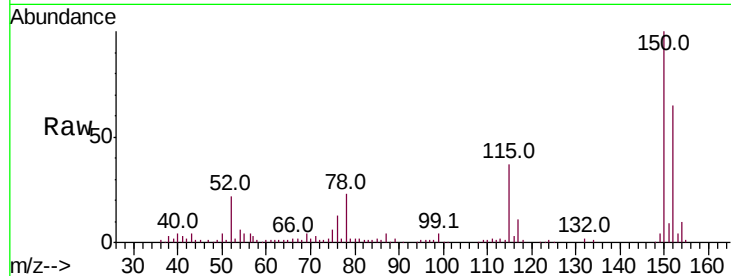


#1

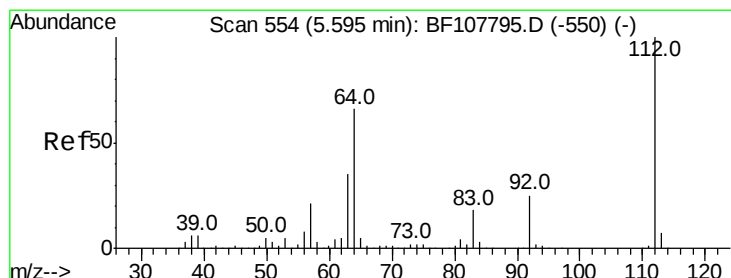
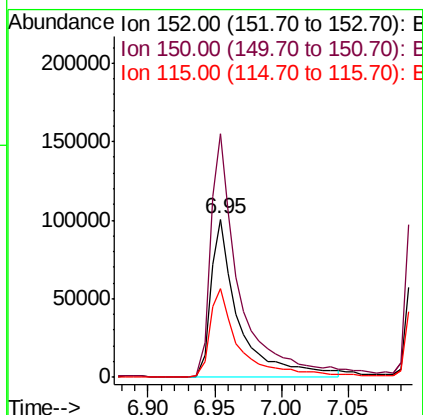
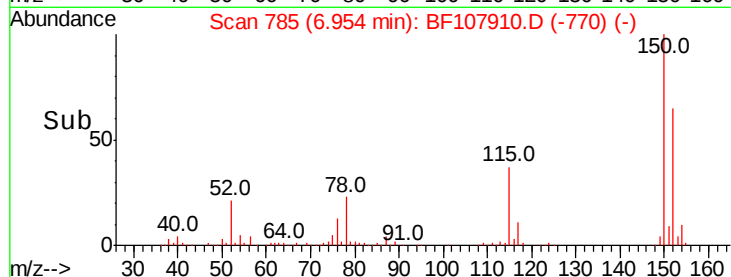
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tot Ion:152 Resp: 147868
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 56.6 50.1 75.1



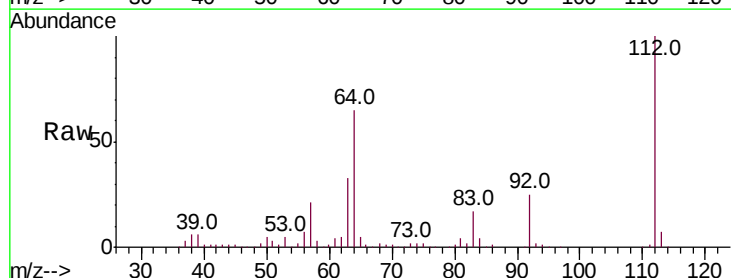
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



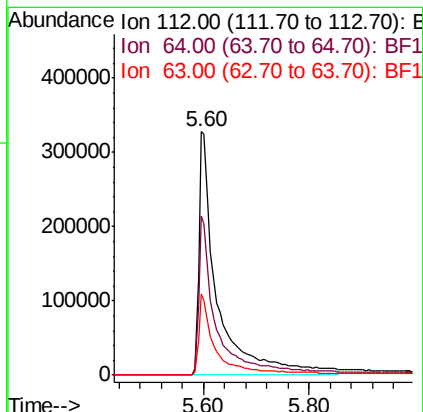
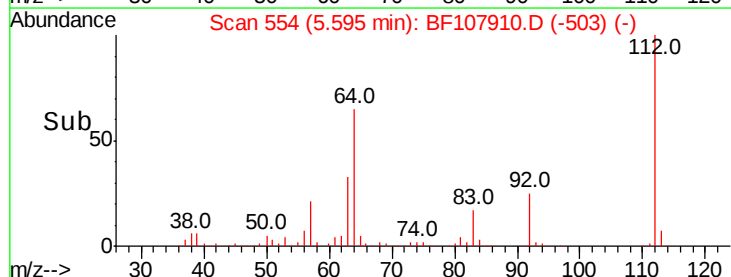
#5

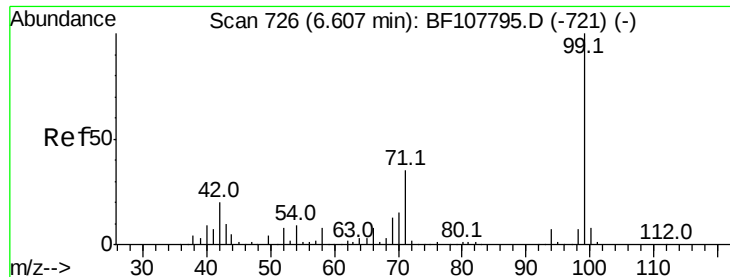
2-Fluorophenol
Concen: 93.075 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:112 Resp: 809792
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.3 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: 92.090 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107910.D

Acq: 2 Aug 2018 15:40

Instrument :

BNA_F

ClientSampleId :

UST-W

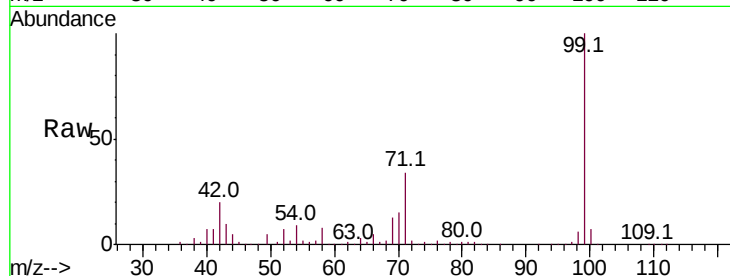
Tot Ion: 99 Resp: 1055964

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

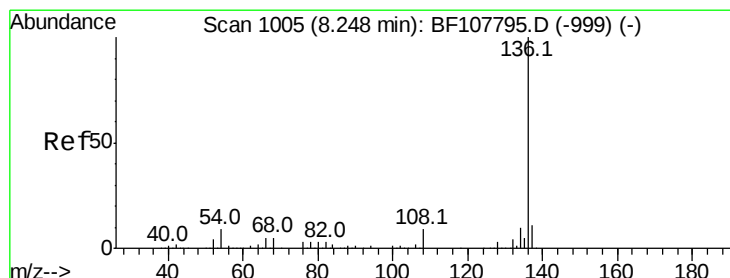
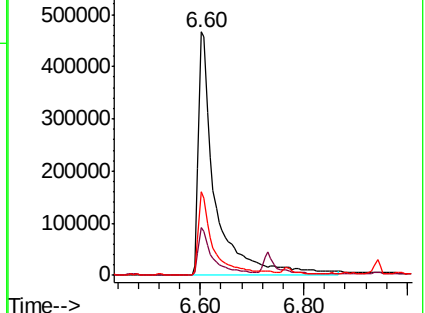
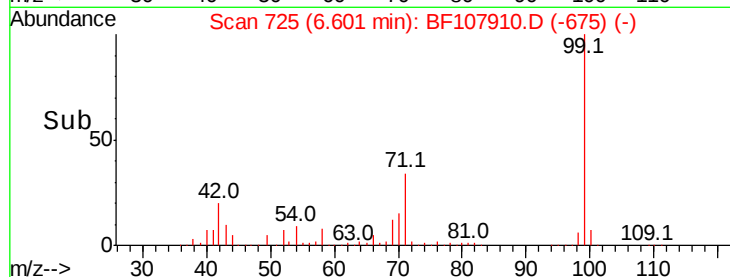
71 34.3 25.4 38.0



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# 1003

Delta R.T. -0.01 min

Lab File: BF107910.D

Acq: 2 Aug 2018 15:40

Tgt Ion: 136 Resp: 565026

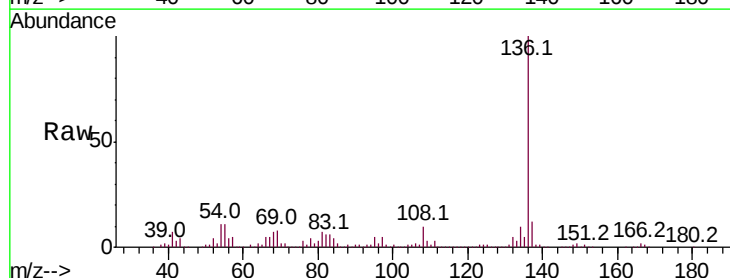
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 10.5 6.6 9.8#

68 6.7 5.0 7.4

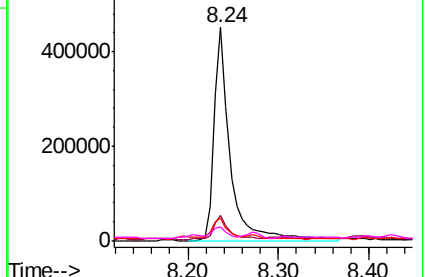
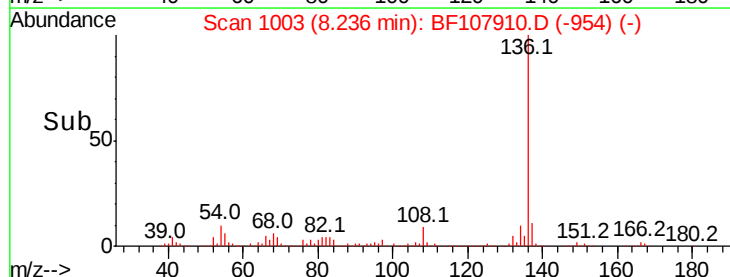


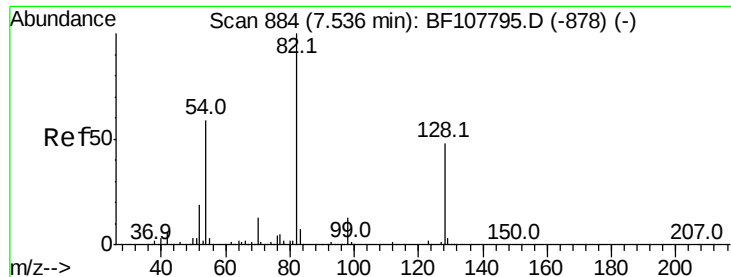
Abundance Ion 136.00 (135.70 to 136.70): E

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

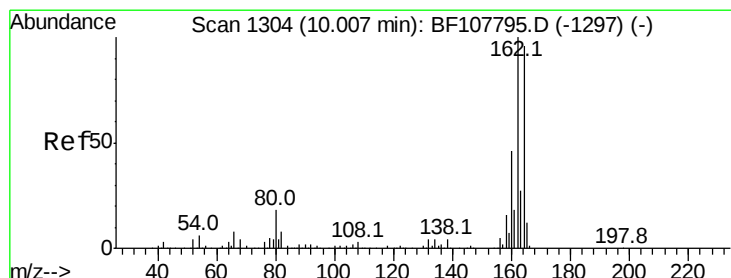
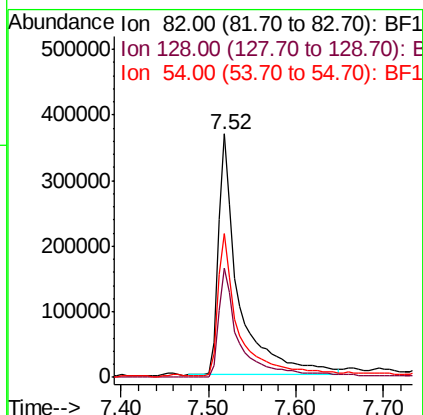
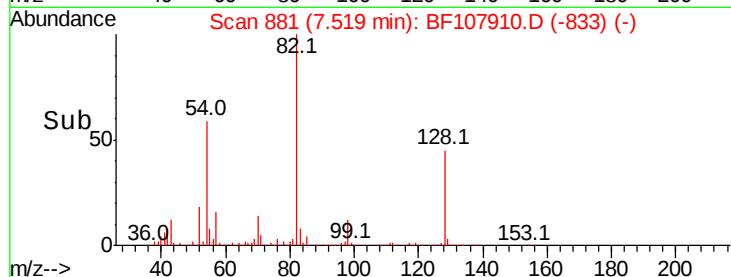
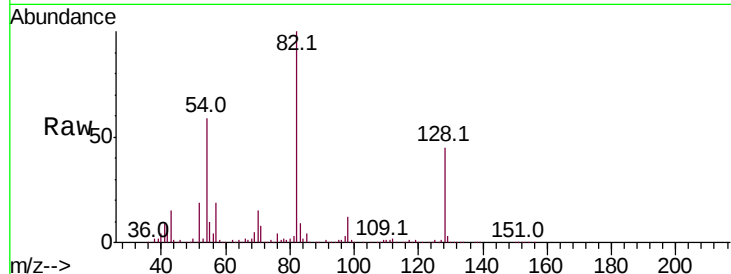




#23
Nitrobenzene-d5
Concen: 60.279 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

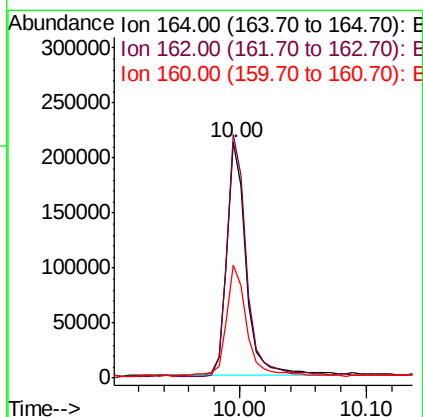
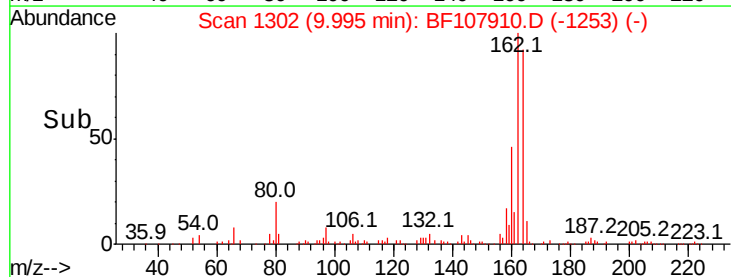
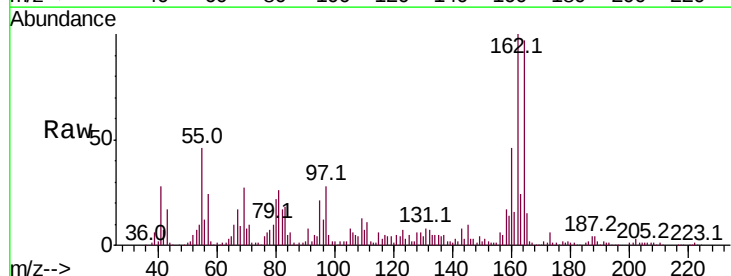
Instrument :
BNA_F
ClientSampled :
UST-W

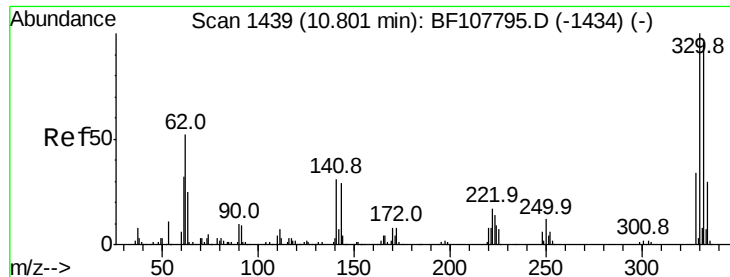
Tot Ion: 82 Resp: 591198
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 58.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:164 Resp: 224404
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 47.8 38.3 57.5

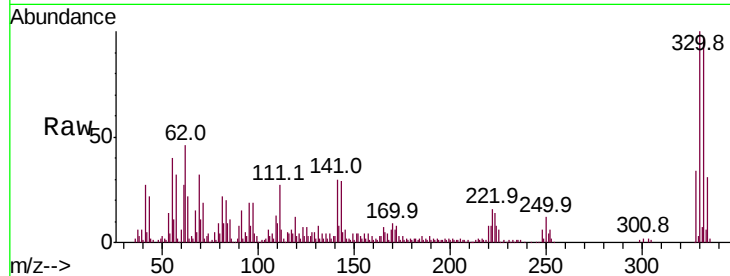




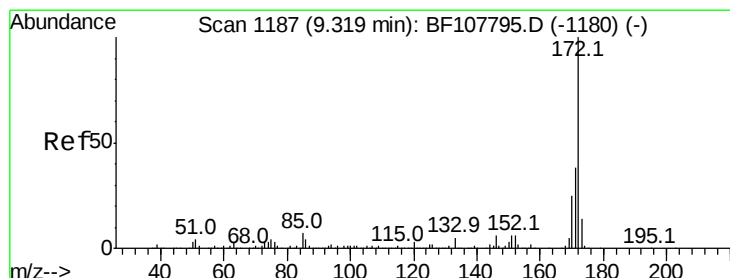
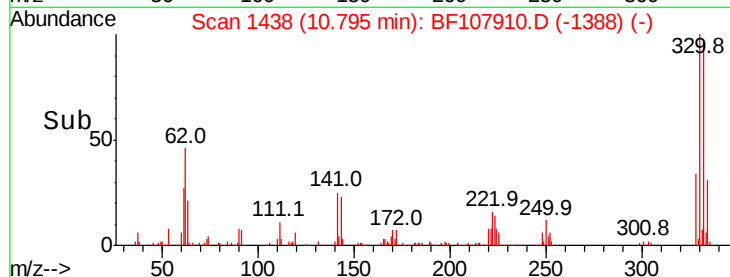
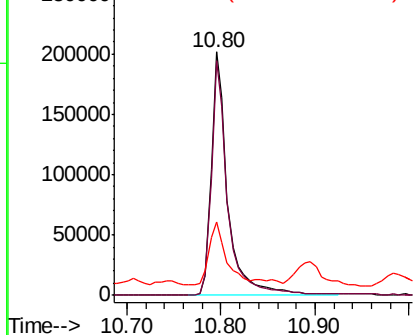
#41
 2,4,6-Tribromophenol
 Concen: 82.618 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107910.D
 Acq: 2 Aug 2018 15:40

Instrument :
 BNA_F
 ClientSampled :
 UST-W

Tot Ion:330 Resp: 251920
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 26.4 29.9 44.9#

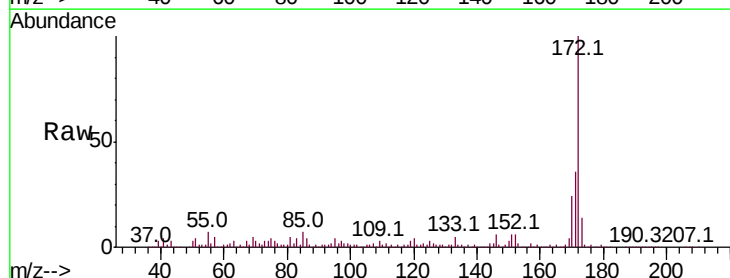


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

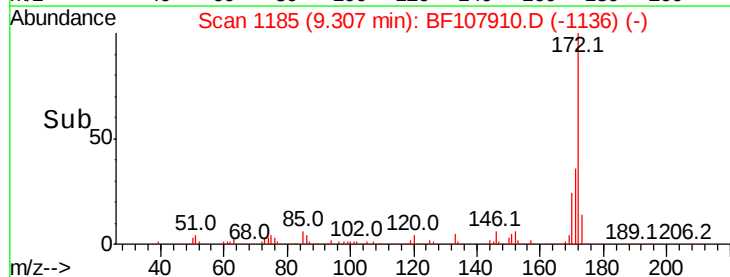
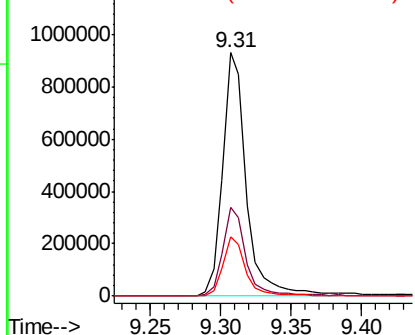


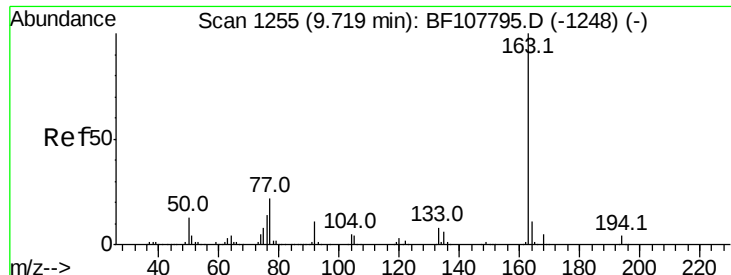
#44
 2-Fluorobiphenyl
 Concen: 67.269 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107910.D
 Acq: 2 Aug 2018 15:40

Tgt Ion:172 Resp: 1083279
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.1 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

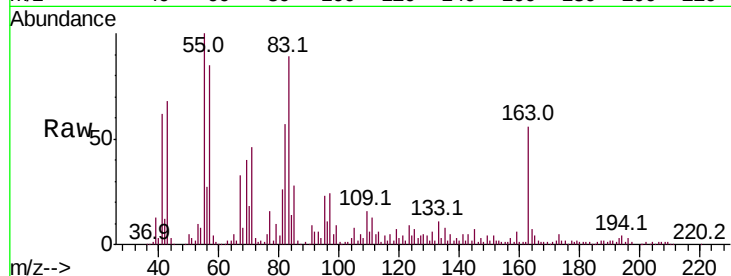




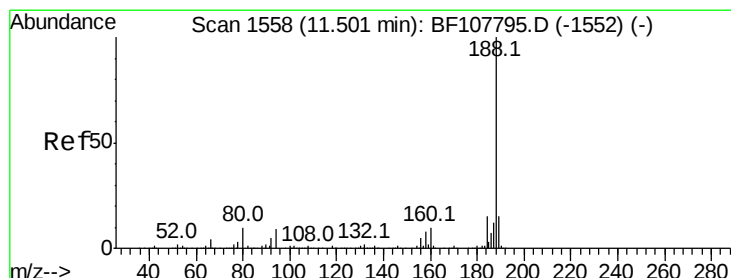
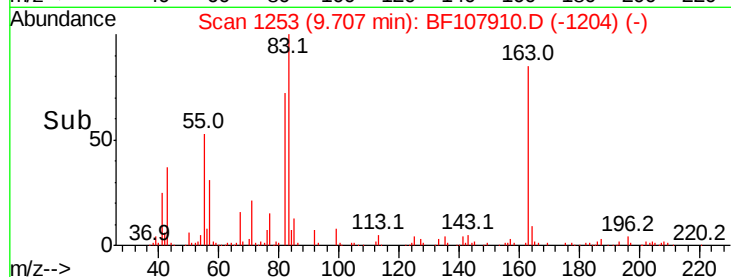
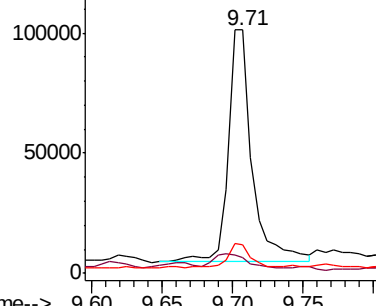
#49
Dimethylphthalate
Concen: 6.802 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampled :
UST-W

Tot Ion:163 Resp: 114630
Ion Ratio Lower Upper
163 100
194 6.3 2.7 4.1#
164 11.6 8.2 12.2

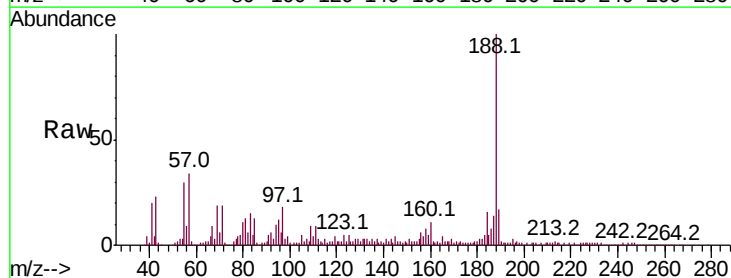


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

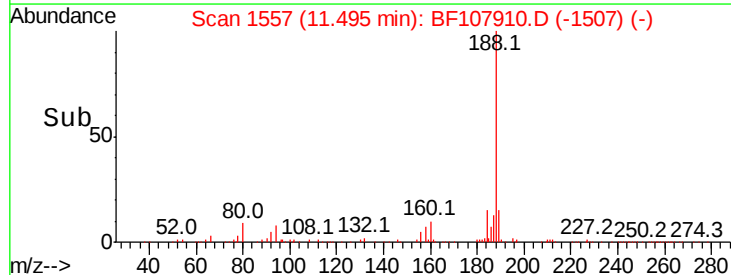
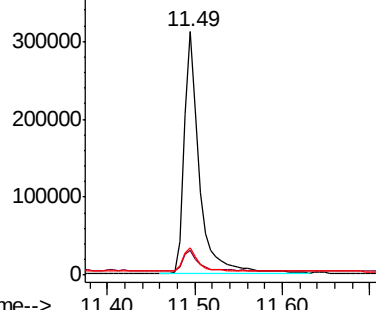


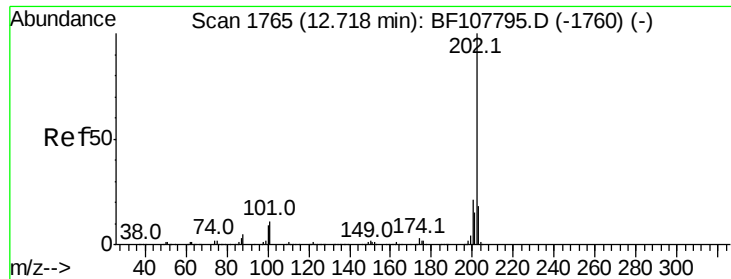
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:188 Resp: 379612
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 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





#74

Fluoranthene

Concen: 2.682 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107910.D

Acq: 2 Aug 2018 15:40

Instrument :

BNA_F

ClientSampleId :

UST-W

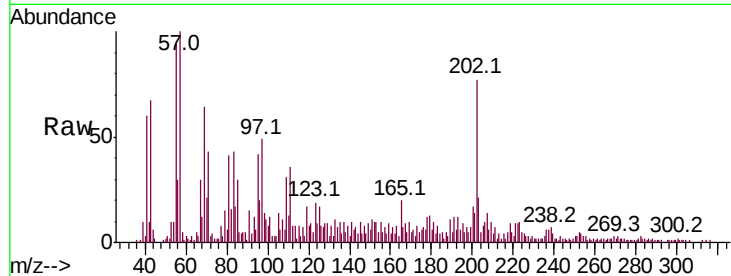
Tot Ion:202 Resp: 56790

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

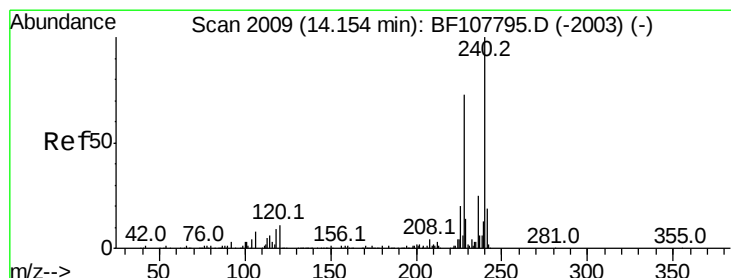
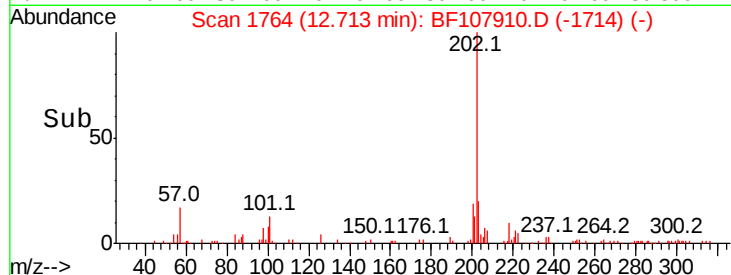
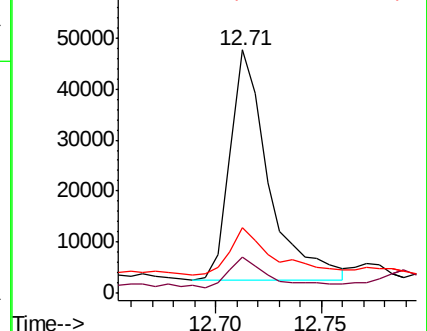
203 27.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107910.D

Acq: 2 Aug 2018 15:40

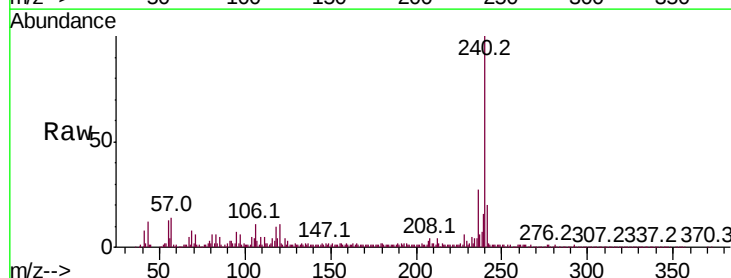
Tgt Ion:240 Resp: 354994

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

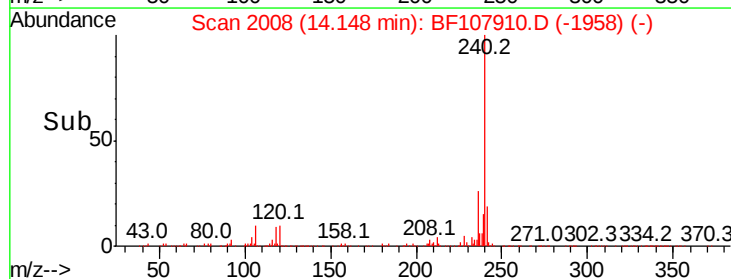
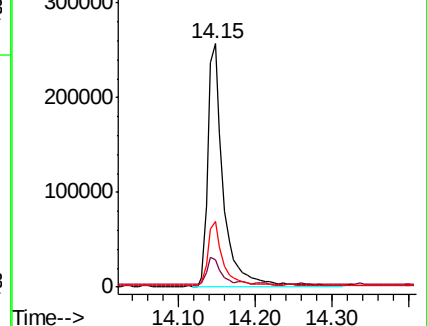
236 27.0 20.7 31.1

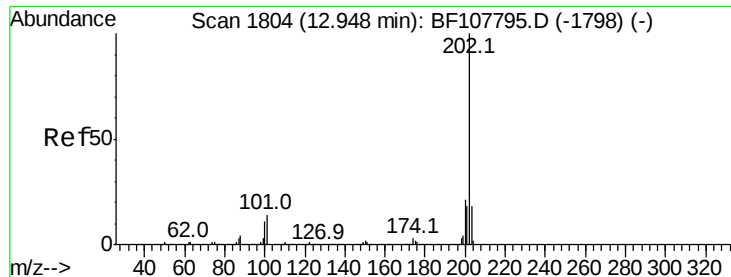


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

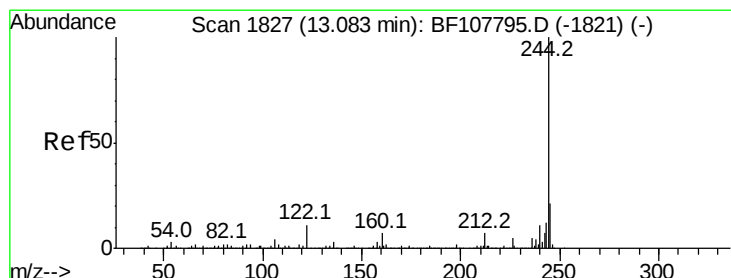
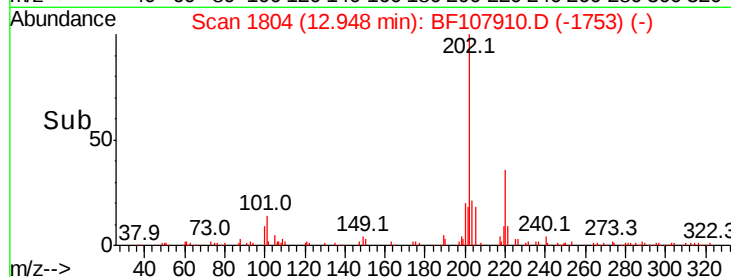
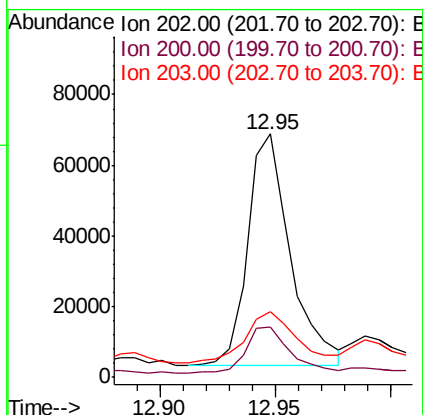
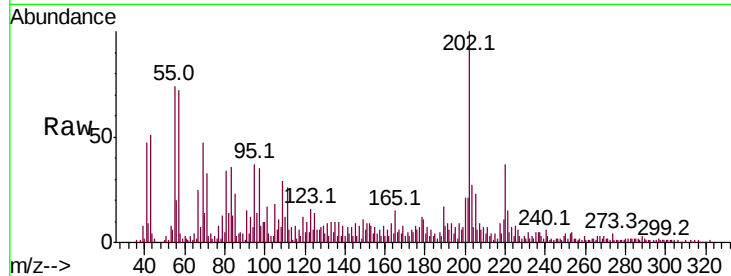




#77
Pvrene
Concen: 3.276 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

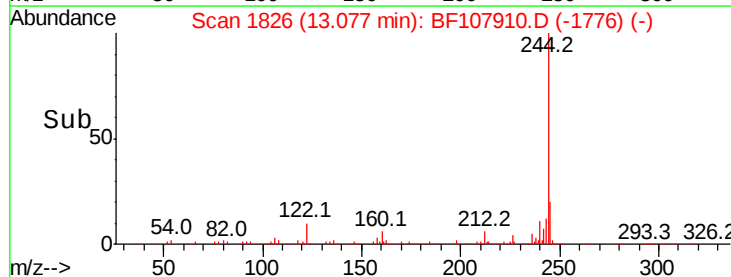
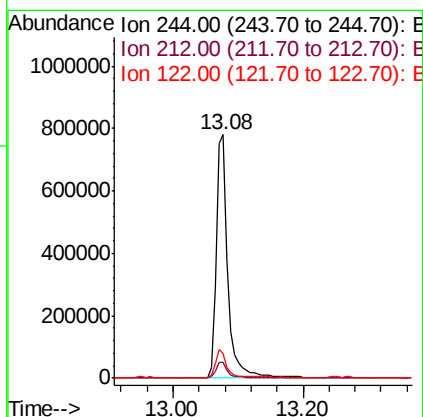
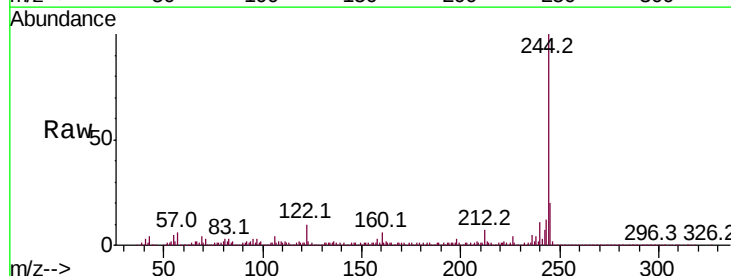
Instrument :
BNA_F
ClientSampleId :
UST-W

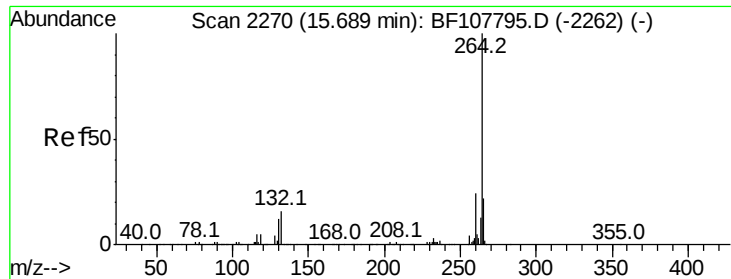
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	26.8	14.3	21.5#



#78
Terphenyl-d14
Concen: 58.190 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4#

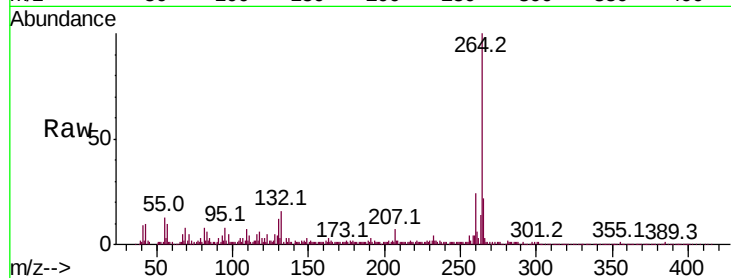




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	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

