

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108912.D
 Acq On : 10 Sep 2018 23:52
 Operator : JU/SJ
 Sample : J4827-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-WC

Quant Time: Sep 11 04:07:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

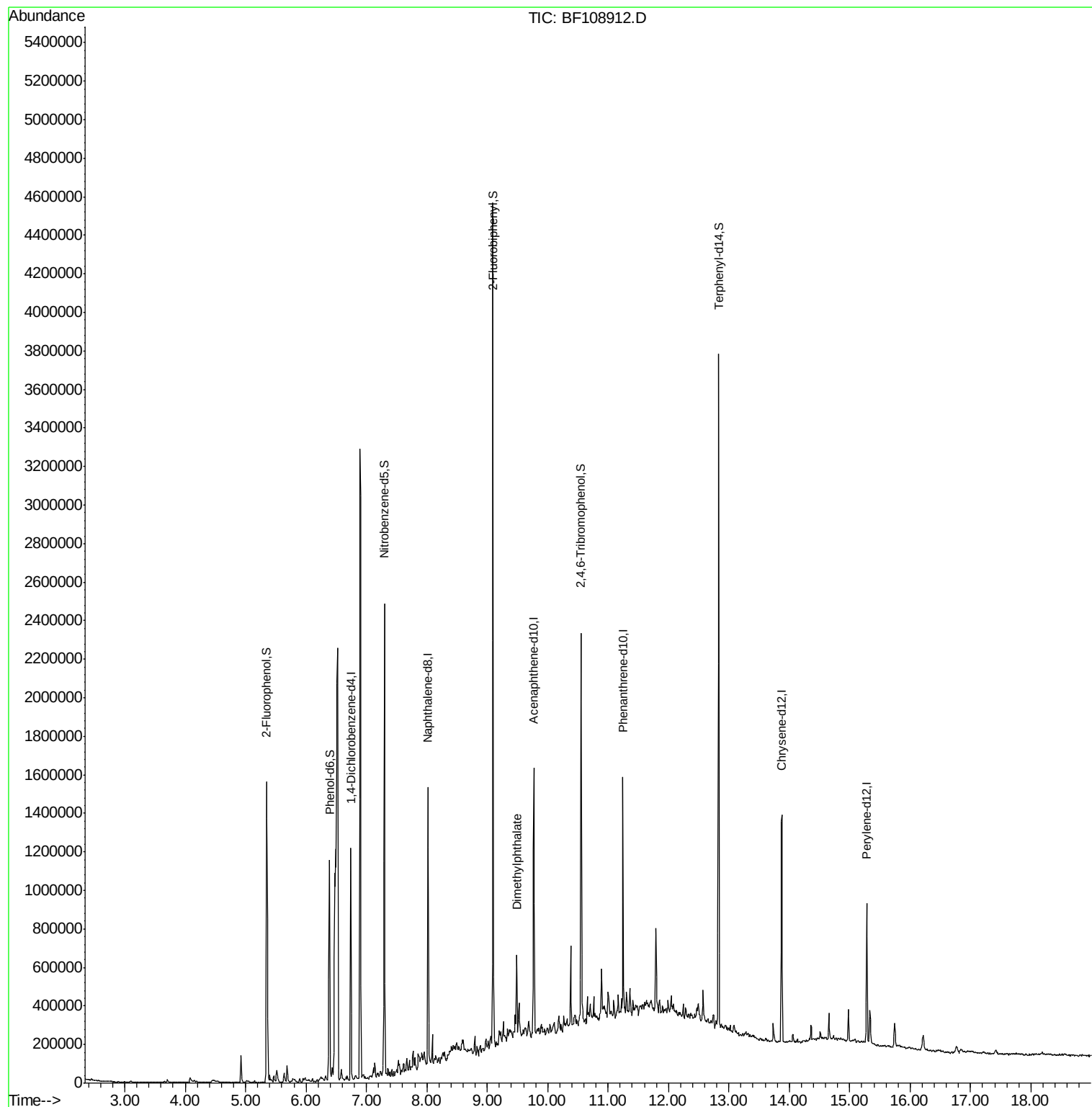
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176641	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	602520	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	245662	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	404603	20.00	ng	0.00
75) Chrysene-d12	13.88	240	432871	20.00	ng	0.01
86) Perylene-d12	15.28	264	313035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	586776	55.03	ng	0.01
7) Phenol-d6	6.39	99	449478	32.76	ng	0.02
23) Nitrobenzene-d5	7.30	82	826057	85.80	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	252686	107.75	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1330934	92.43	ng	0.00
78) Terphenyl-d14	12.83	244	1190255	64.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	148443	8.639	ng	Qvalue # 99

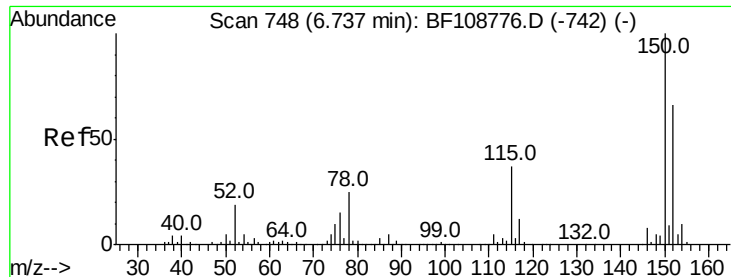
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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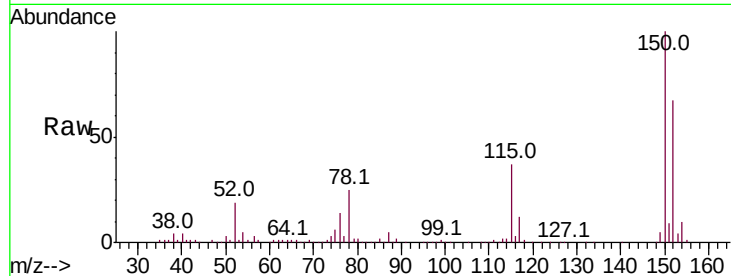


#1

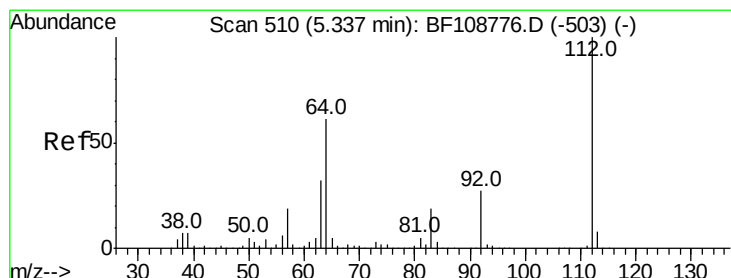
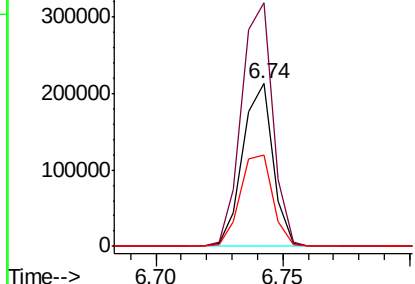
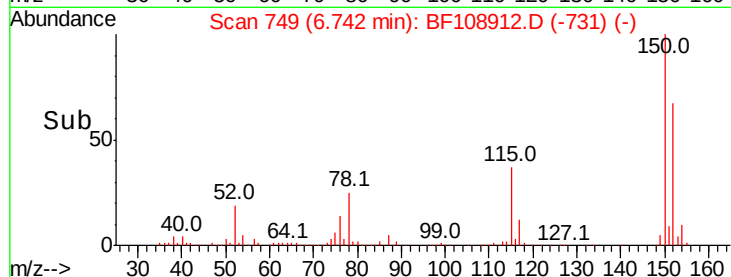
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-WC

Tot Ion:152 Resp: 176641
 Ion Ratio Lower Upper
 152 100
 150 149.9 124.6 186.8
 115 56.1 50.1 75.1



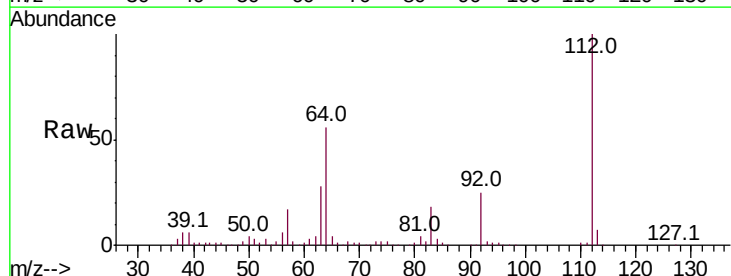
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



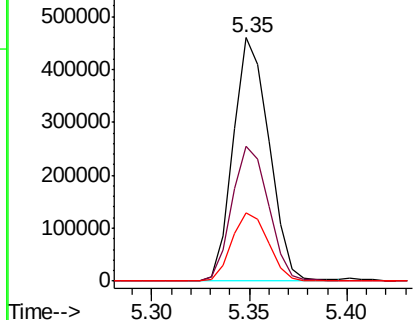
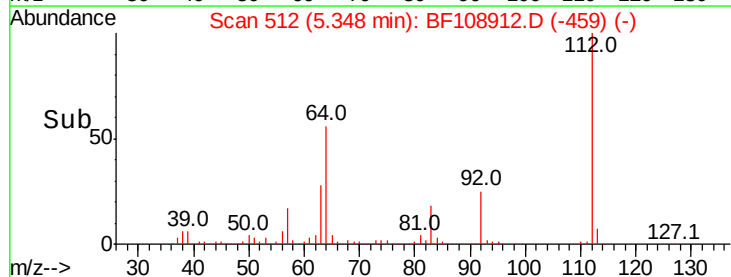
#5

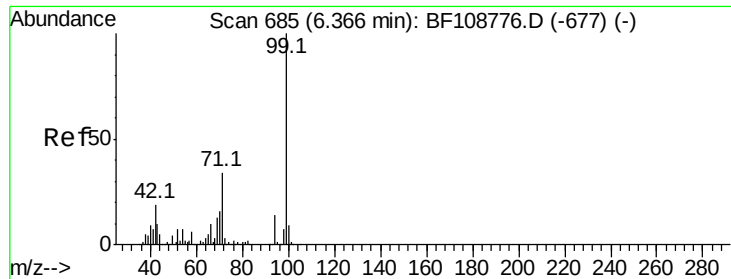
2-Fluorophenol
 Concen: 55.032 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

Tgt Ion:112 Resp: 586776
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 28.2 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: 32.763 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Instrument :

BNA_F

ClientSampled :

DRUMS-WC

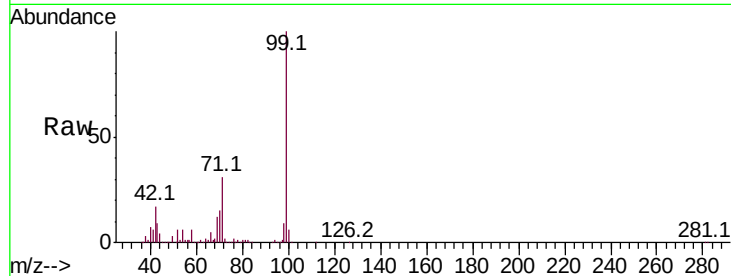
Tot Ion: 99 Resp: 449478

Ion Ratio Lower Upper

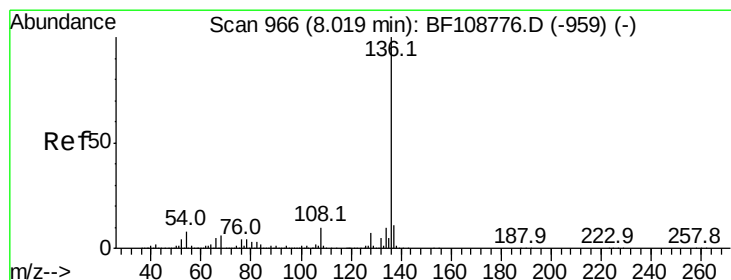
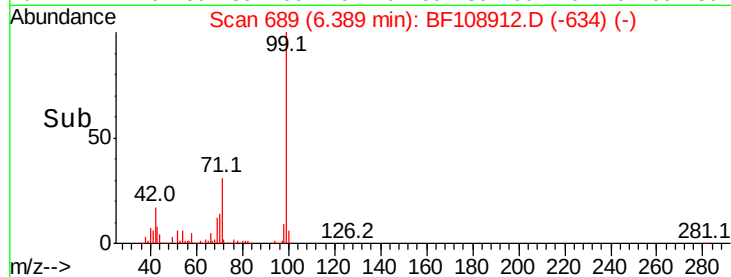
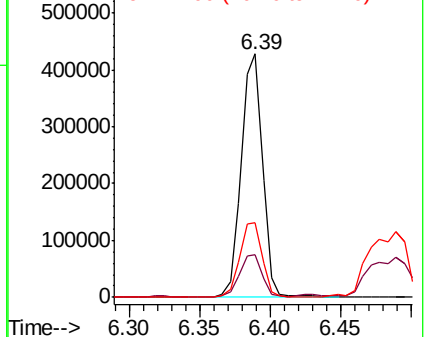
99 100

42 17.4 14.5 21.7

71 30.9 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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Tgt Ion: 136 Resp: 602520

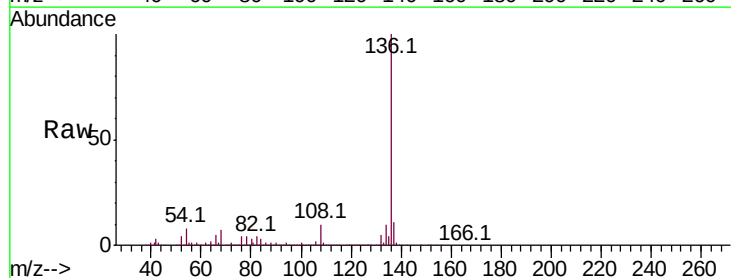
Ion Ratio Lower Upper

136 100

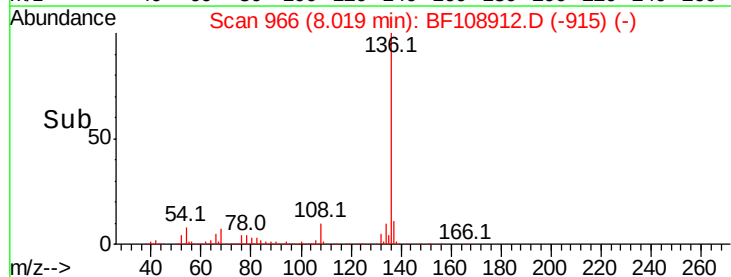
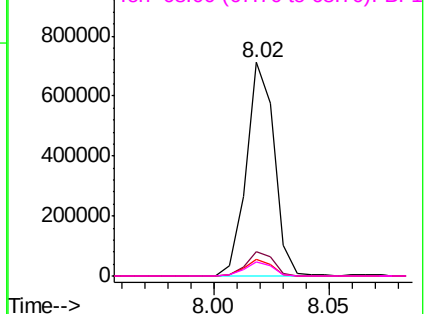
137 11.2 8.9 13.3

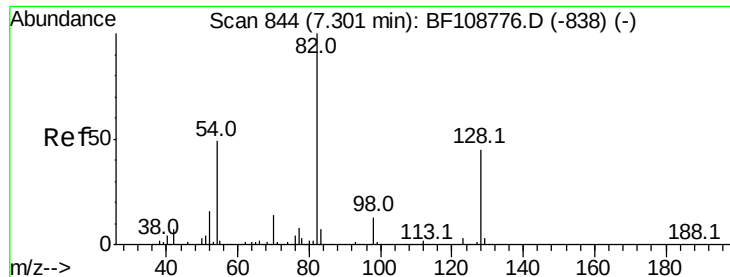
54 8.1 6.6 9.8

68 6.8 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

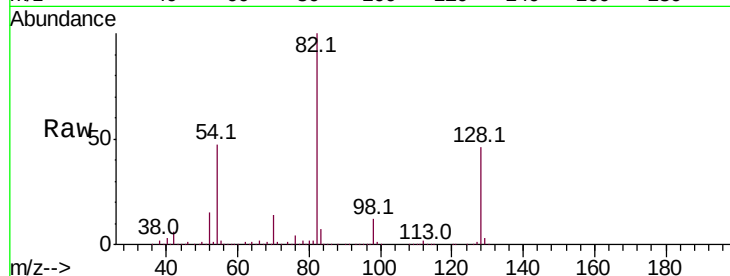




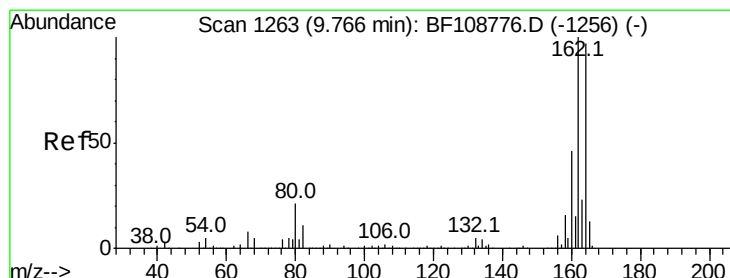
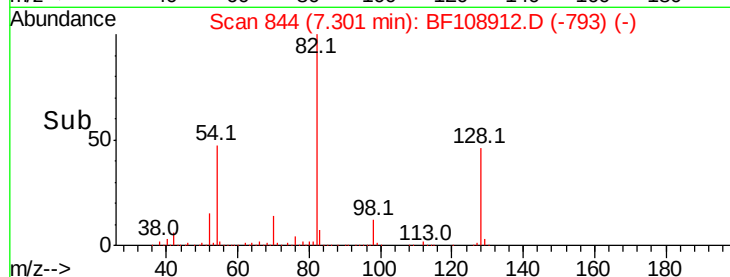
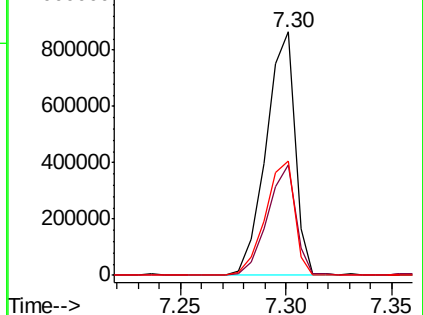
#23
Nitrobenzene-d5
Concen: 85.799 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
DRUMS-WC

Tot Ion: 82 Resp: 826057
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 47.0 41.4 62.2

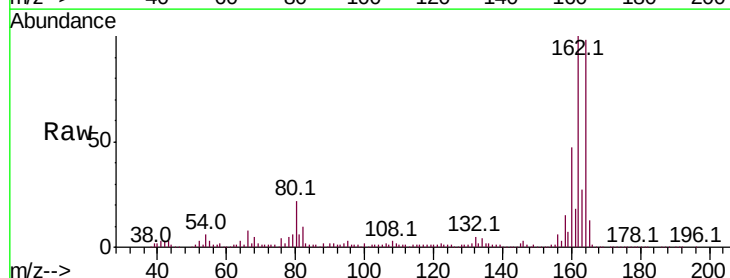


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

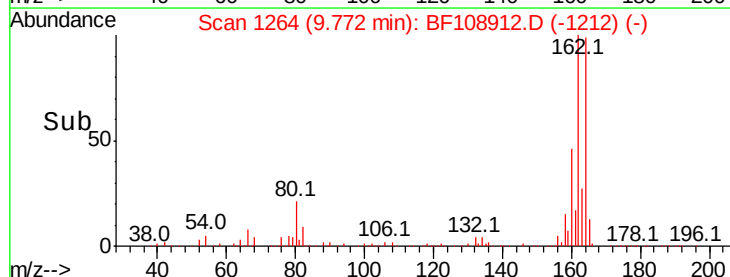
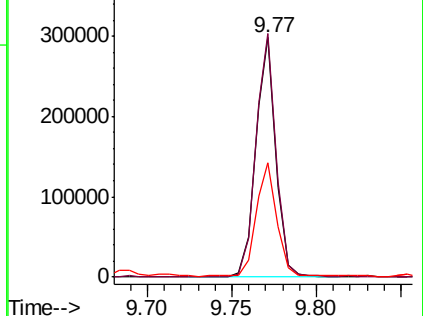


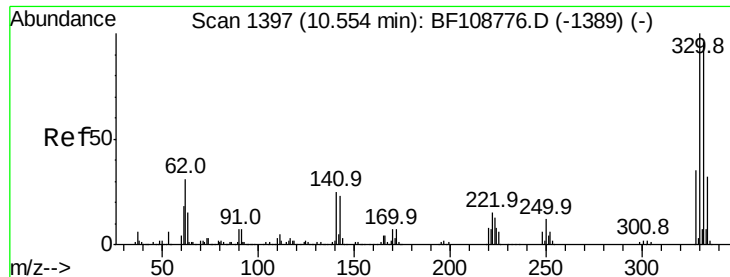
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Tgt Ion:164 Resp: 245662
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 47.8 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

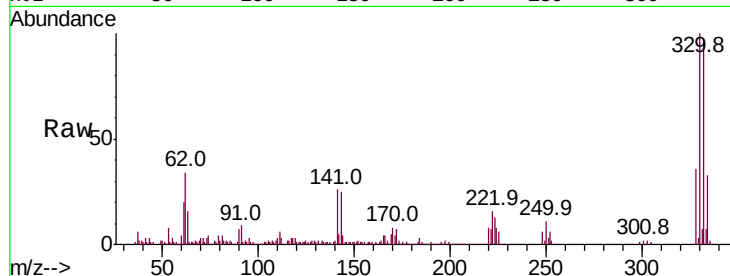




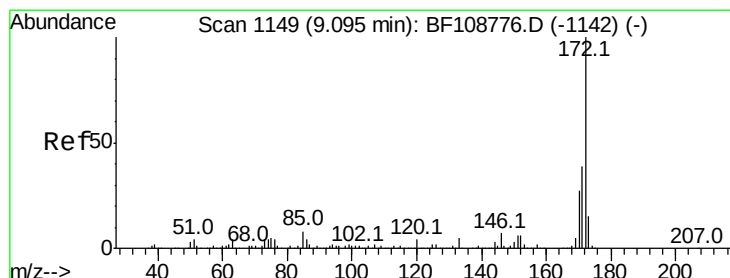
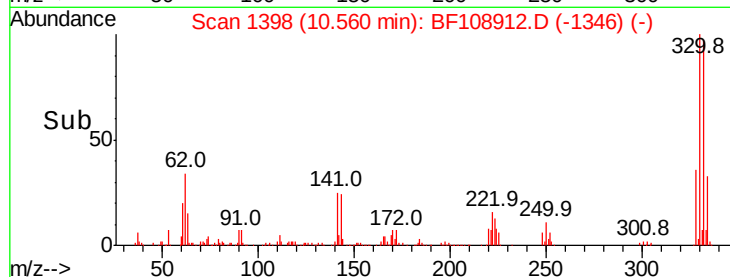
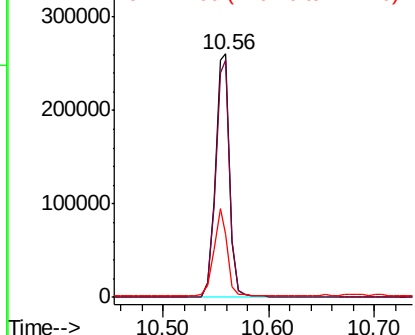
#41
 2,4,6-Tribromophenol
 Concen: 107.746 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-WC

Tot Ion:330 Resp: 252686
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.2 29.9 44.9

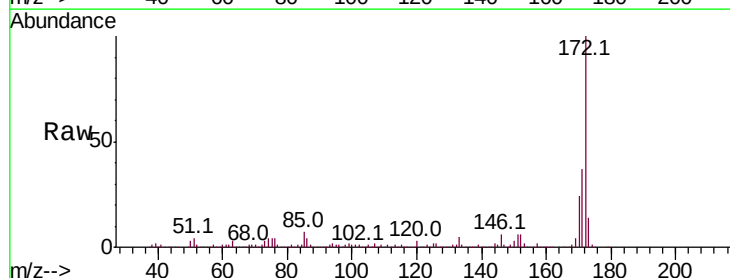


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

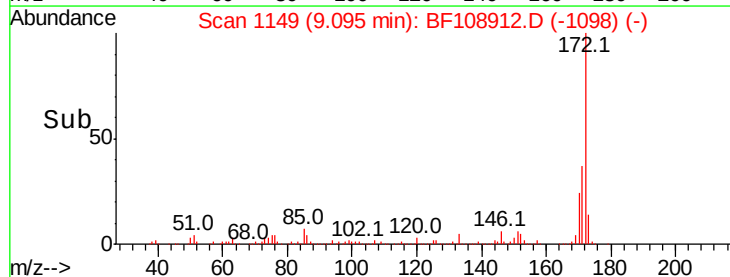
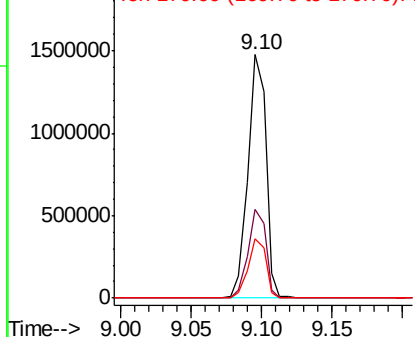


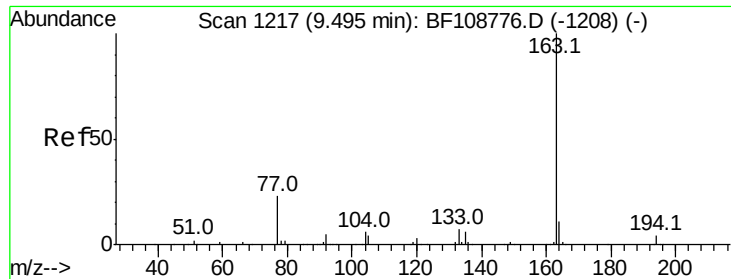
#44
 2-Fluorobiphenyl
 Concen: 92.426 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

Tgt Ion:172 Resp: 1330934
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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: 8.639 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

DRUMS-WC

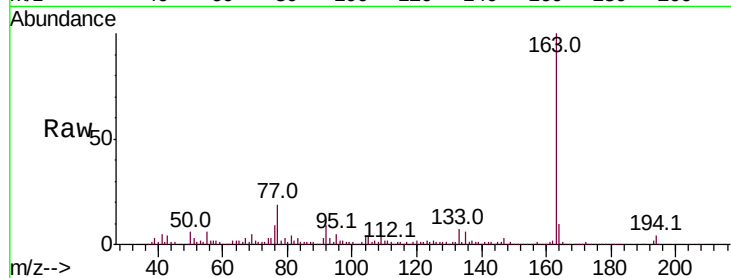
Tot Ion:163 Resp: 148443

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

164 10.1 8.2 12.2

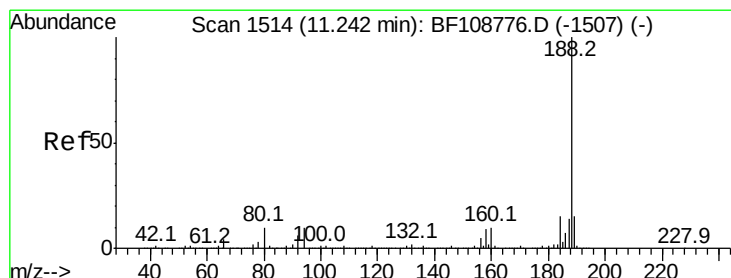
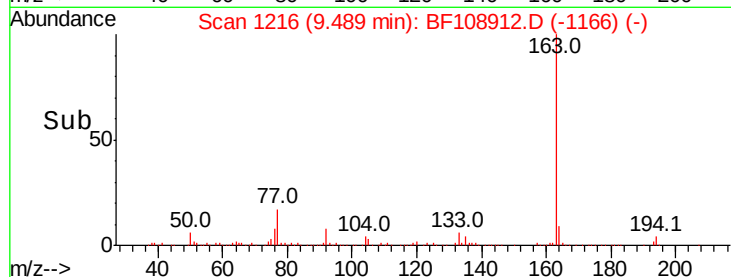
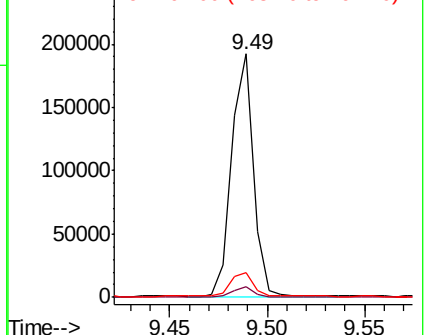


Abundance

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: 11.25 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

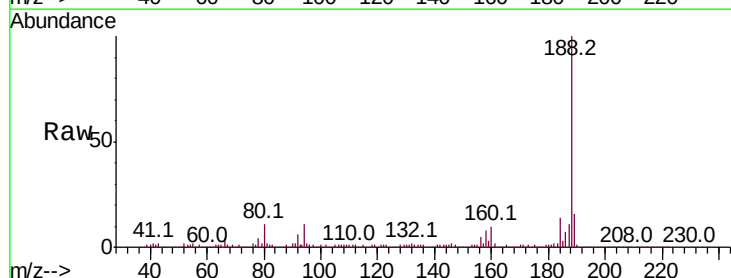
Tgt Ion:188 Resp: 404603

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

80 11.4 9.2 13.8

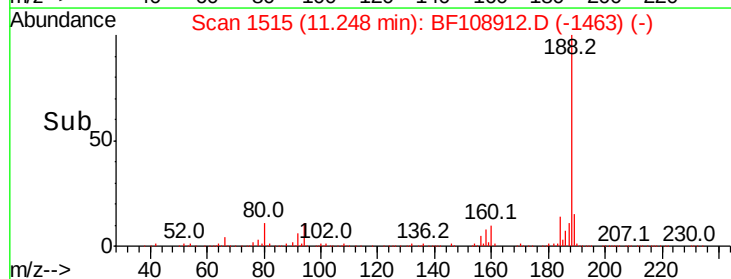
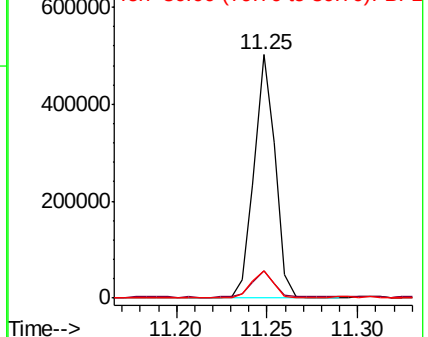


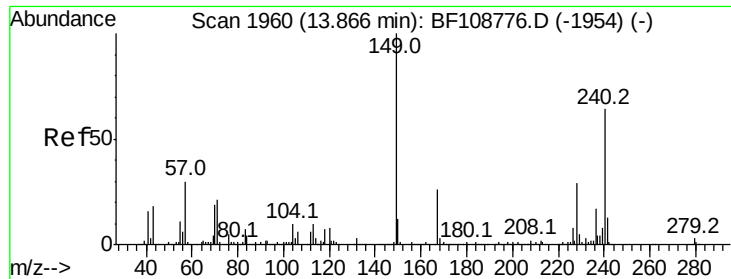
Abundance

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: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

DRUMS-WC

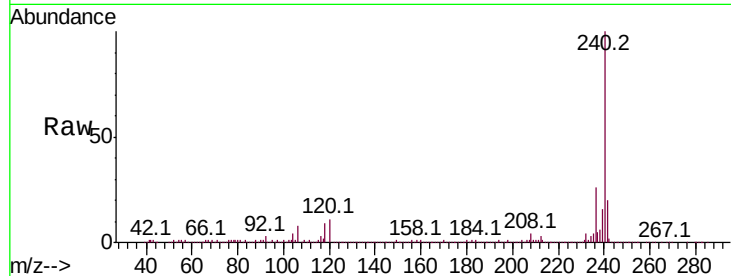
Tot Ion:240 Resp: 432871

Ion Ratio Lower Upper

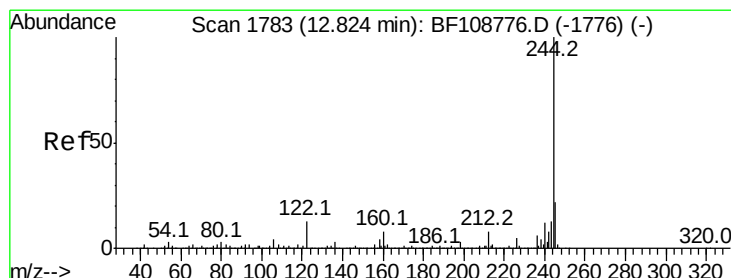
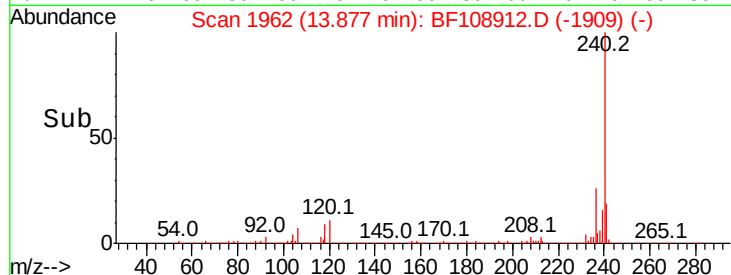
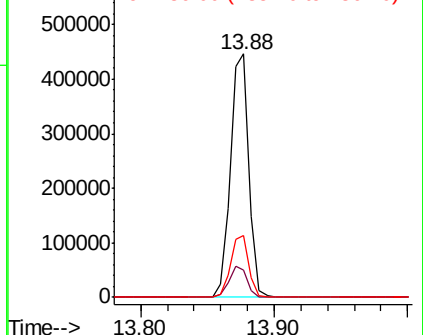
240 100

120 11.0 9.5 14.3

236 25.6 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: 64.120 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

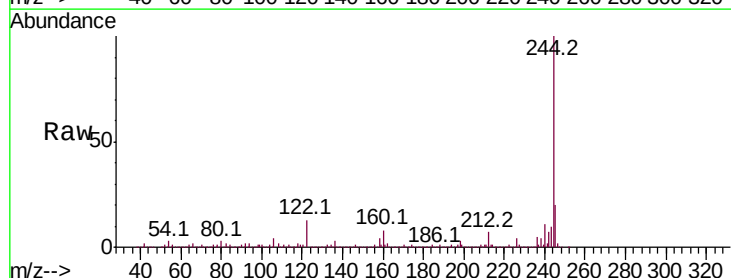
Tgt Ion:244 Resp: 1190255

Ion Ratio Lower Upper

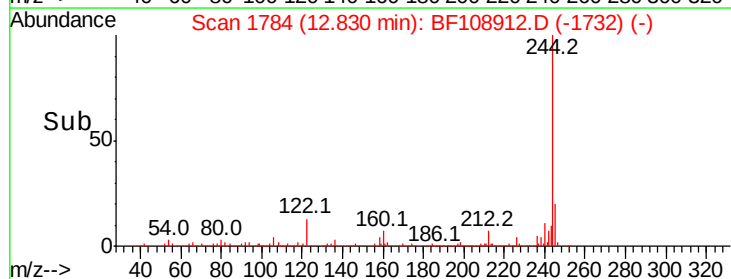
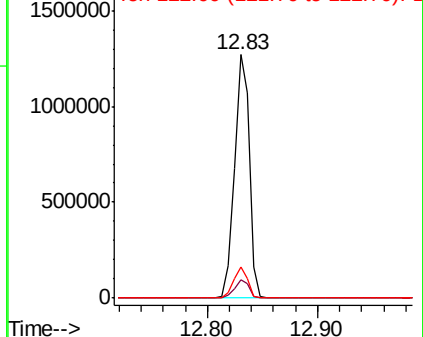
244 100

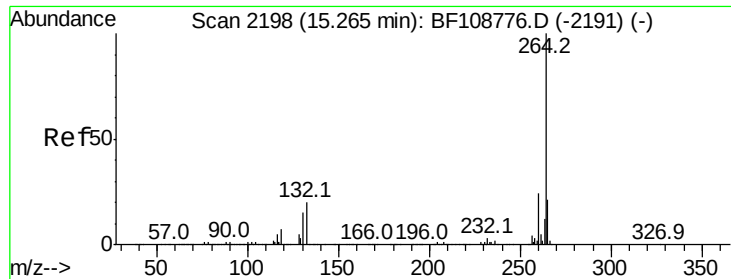
212 7.5 5.4 8.0

122 12.8 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

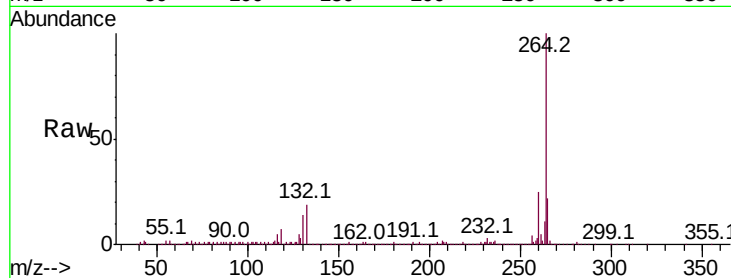




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
DRUMS-WC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	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

