

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 03:05:26 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				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	111482	11.691	ng	# 76
25) Isophorone	7.30	82	820635	42.731	ng	# 64
32) Benzoic acid	7.78	122	223	4.060	ng	# 1
49) Dimethylphthalate	9.49	163	148443	8.639	ng	# 99
52) 3-Nitroaniline	9.52	138	63634	16.327	ng	# 4
53) 2,4-Dinitrophenol	9.70	184	119	9.386	ng	# 43
56) 2,4-Dinitrotoluene	9.77	165	31882	7.614	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.39	198	137	6.942	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15729	3.442	ng	# 1

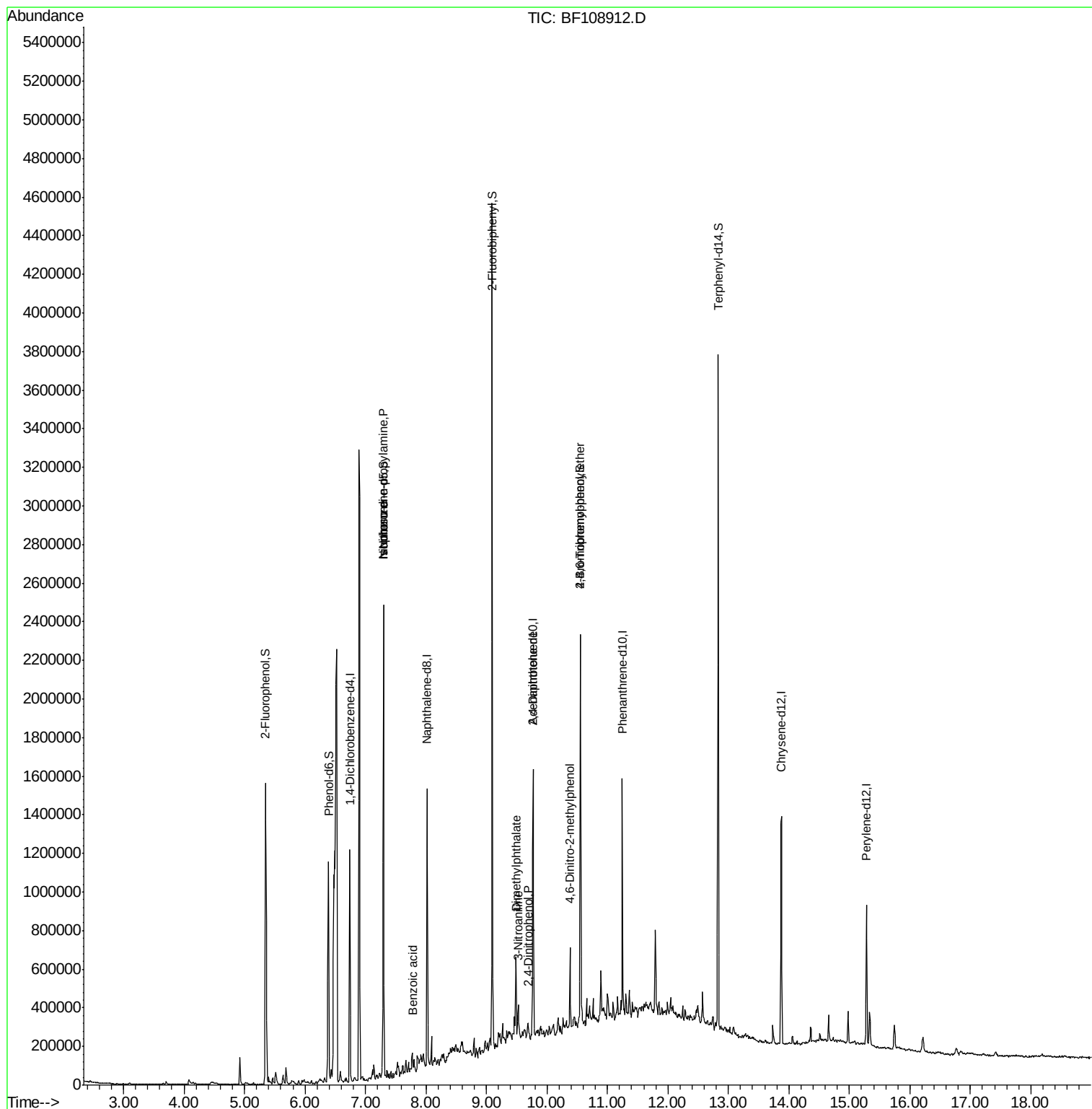
(#) = qualifier out of range (m) = manual integration (+) = signals summed

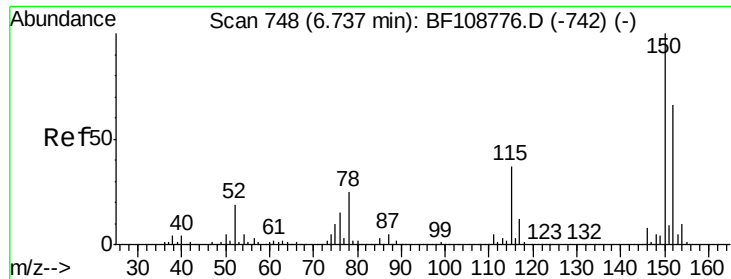
Data File : BF108912.D

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QLast Update : Wed Sep 05 18:03:31 2018
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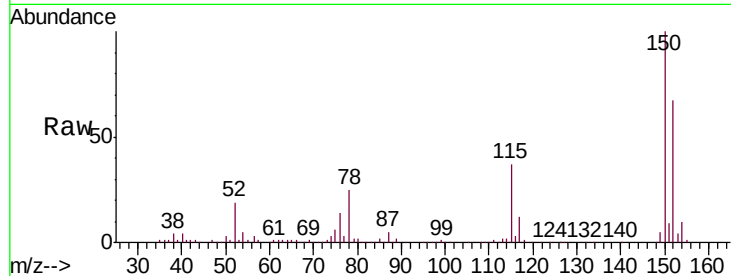


#1

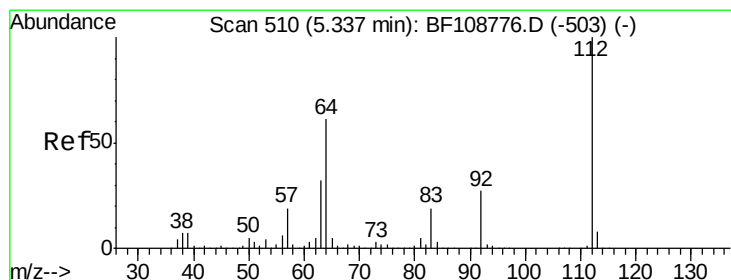
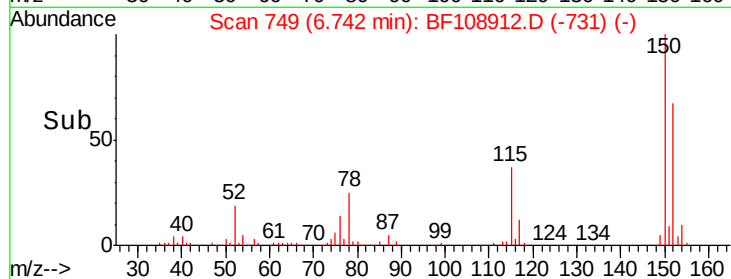
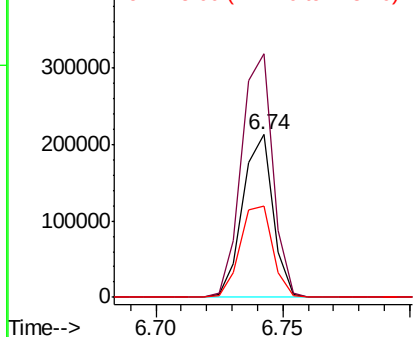
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
DRUMS-WC

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



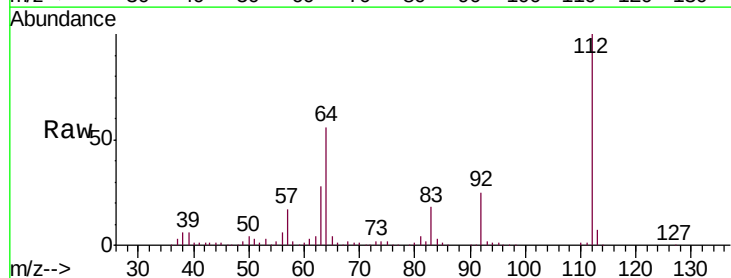
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



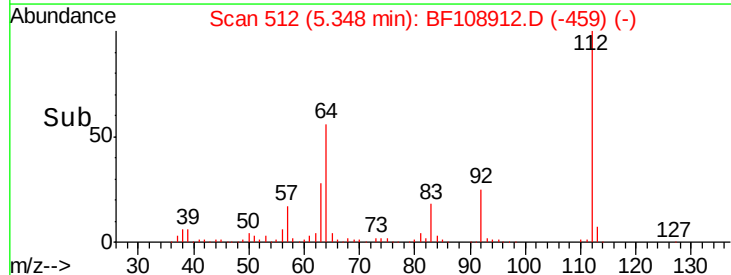
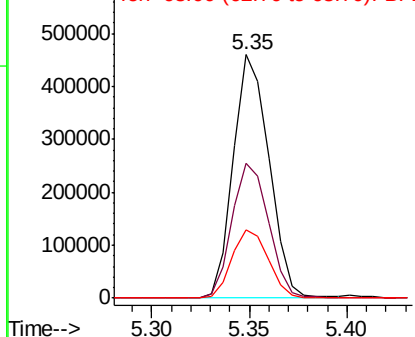
#5

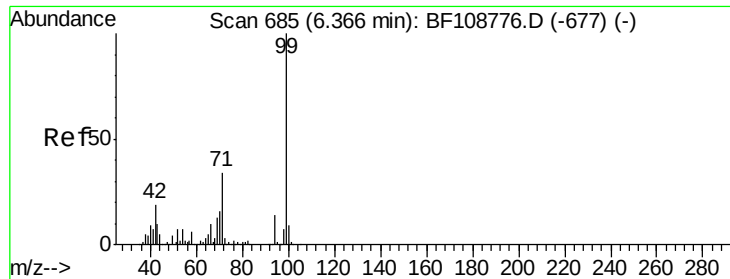
2-Fluorophenol
Concen: 55.032 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

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

ClientSampleId :

DRUMS-WC

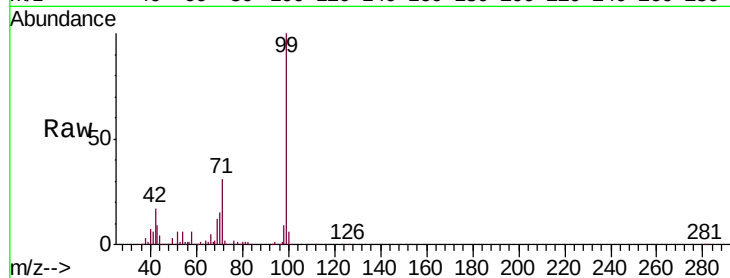
Tgt Ion: 99 Resp: 449478

Ion Ratio Lower Upper

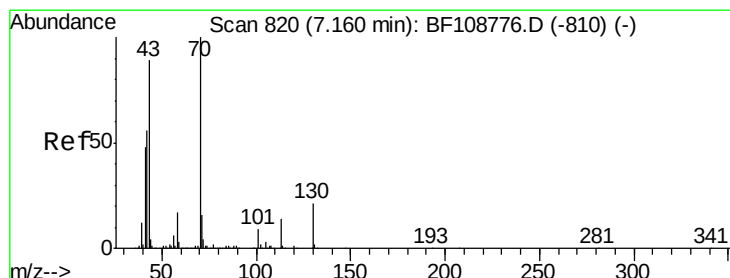
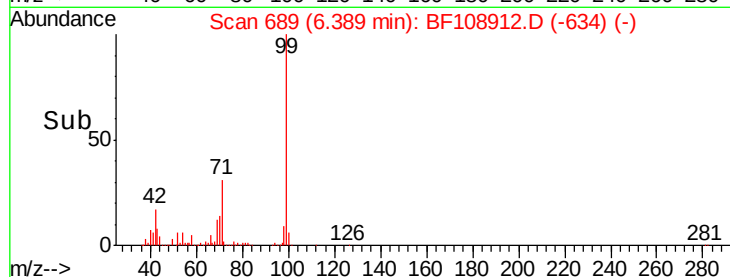
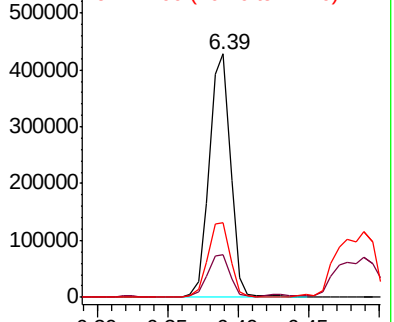
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 11.691 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Tgt Ion: 70 Resp: 111482

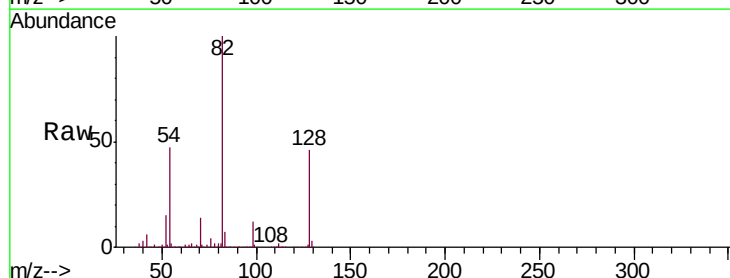
Ion Ratio Lower Upper

70 100

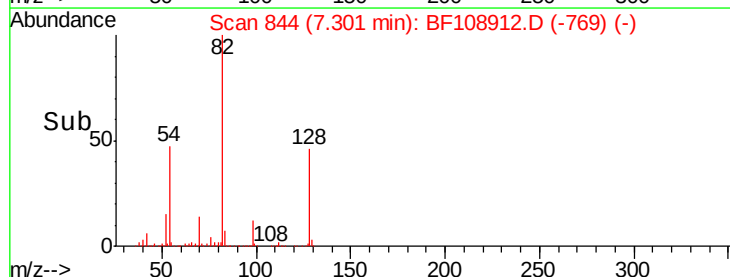
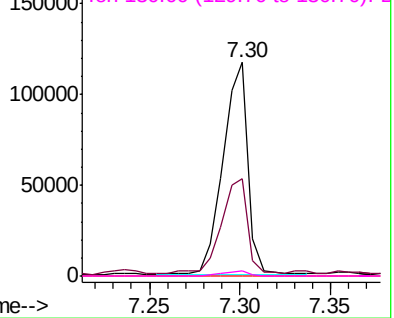
42 45.5 47.5 71.3#

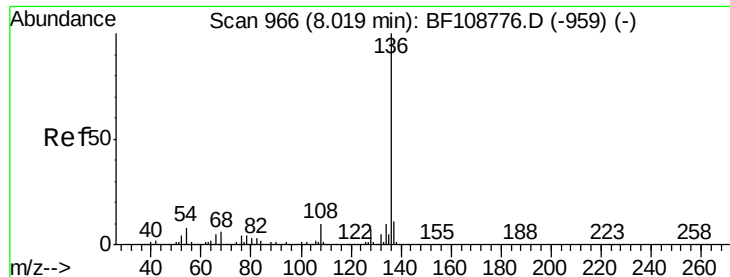
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

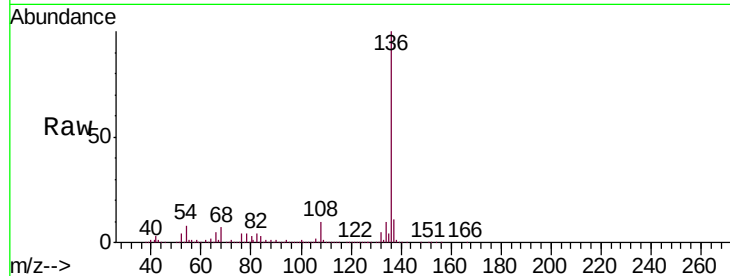




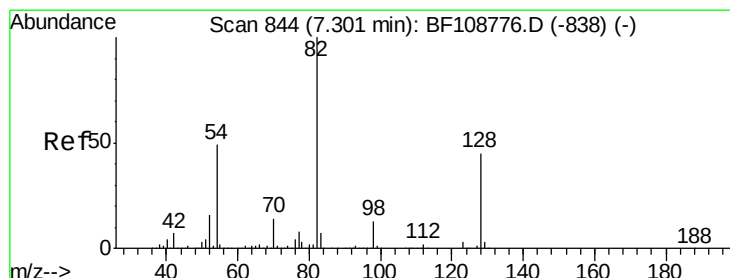
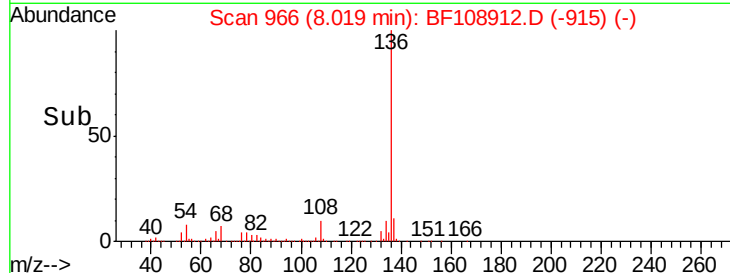
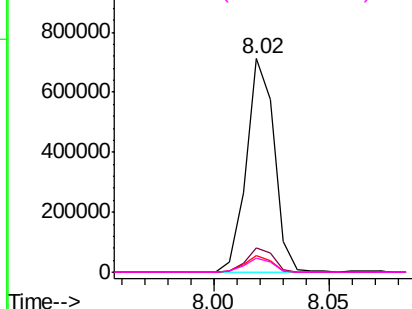
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Instrument :
BNA_F
ClientSampleId :
DRUMS-WC

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

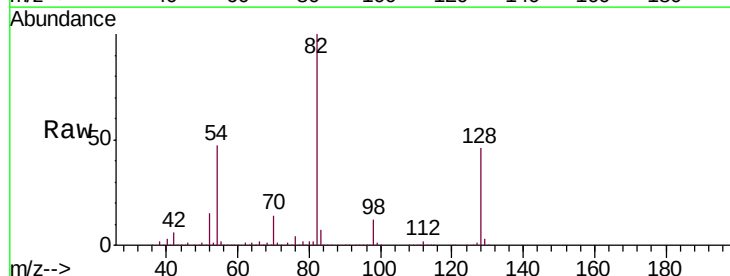


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

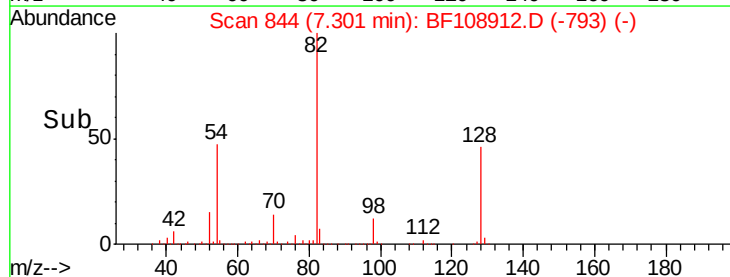
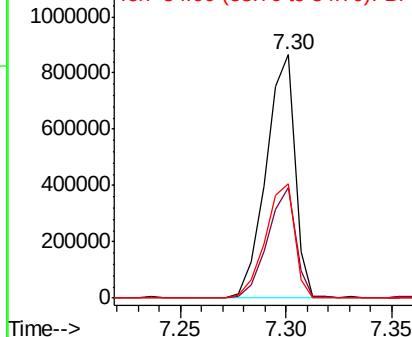


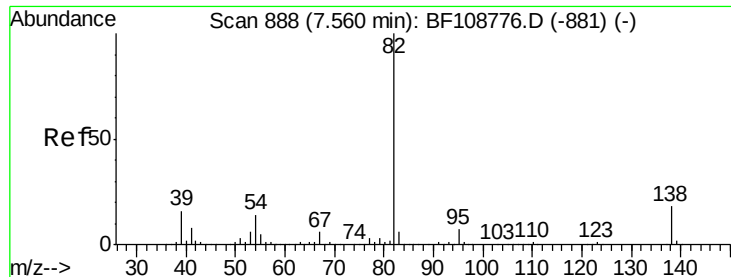
#23
Nitrobenzene-d5
Concen: 85.799 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108912.D
Acq: 10 Sep 2018 23:52

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.731 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

Instrument :

BNA_F

ClientSampleId :

DRUMS-WC

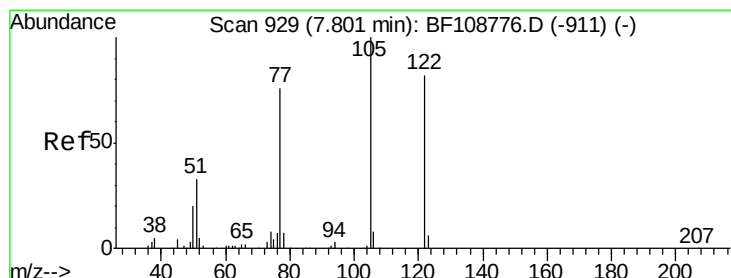
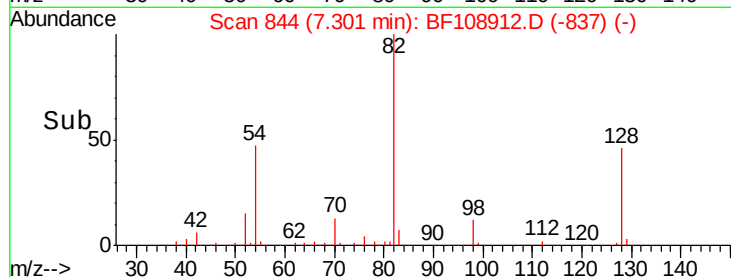
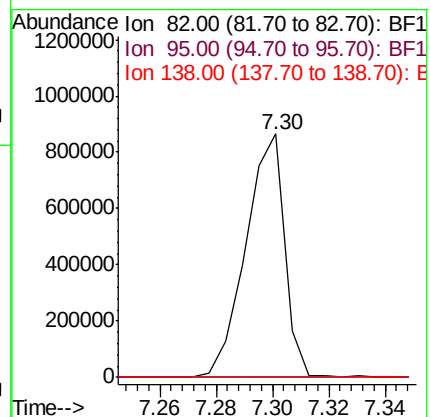
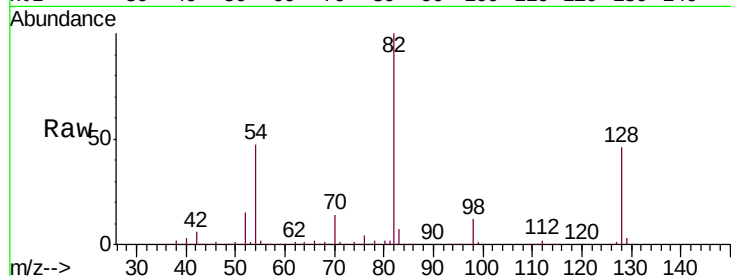
Tgt Ion: 82 Resp: 820635

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 4.060 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF108912.D

Acq: 10 Sep 2018 23:52

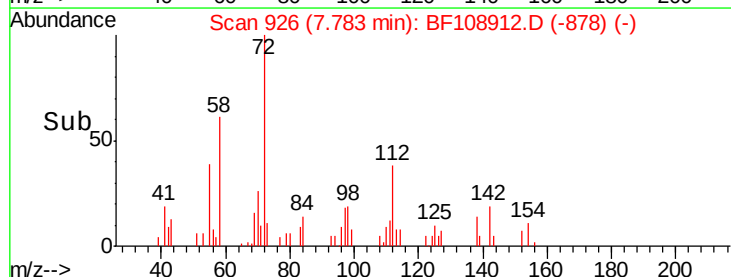
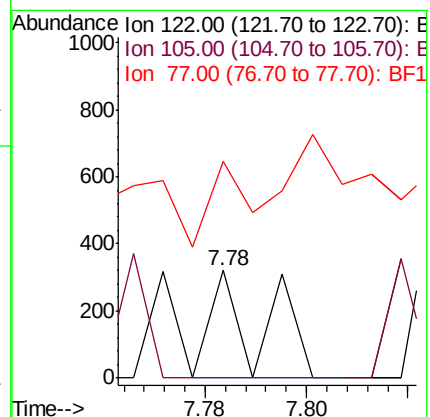
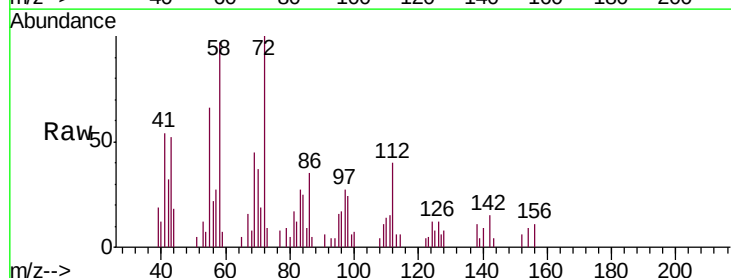
Tgt Ion: 122 Resp: 223

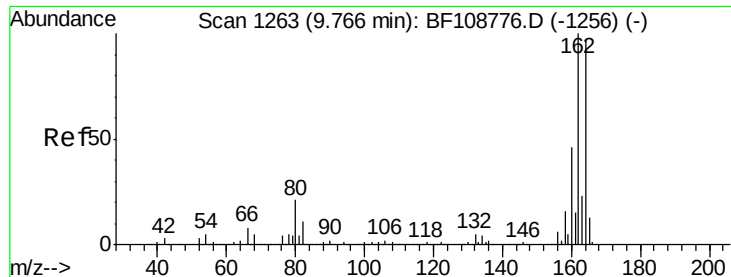
Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 201.2 70.7 110.7#

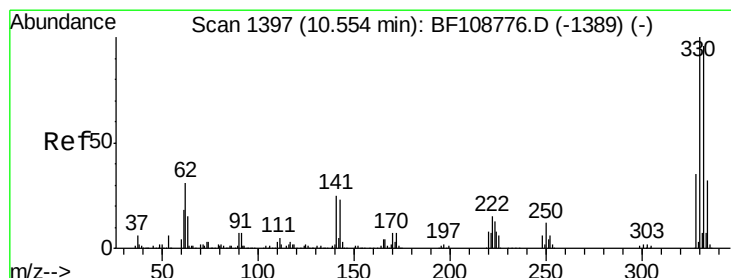
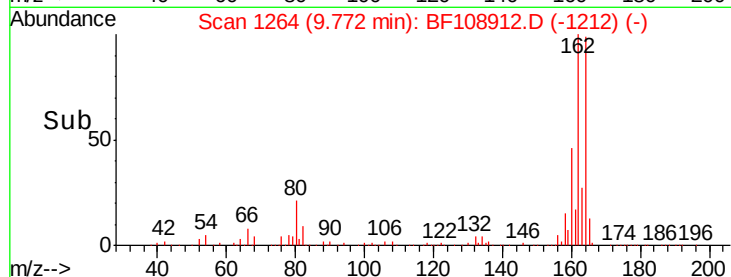
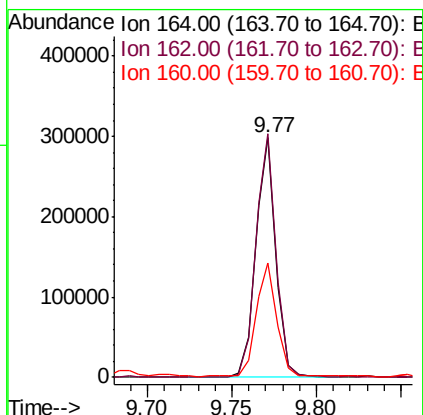
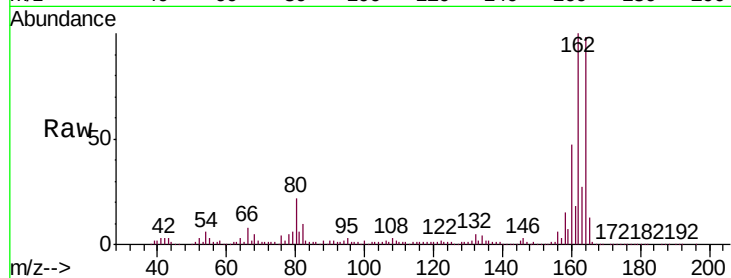




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

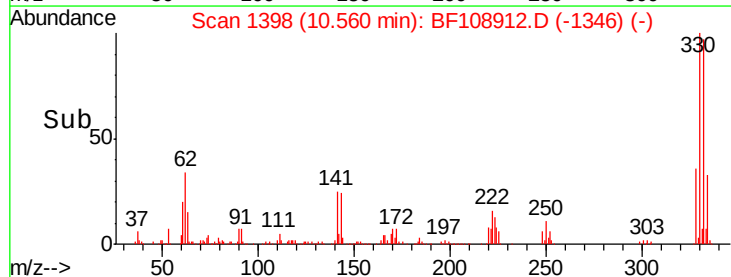
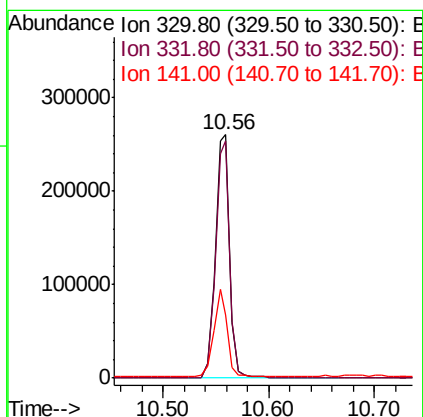
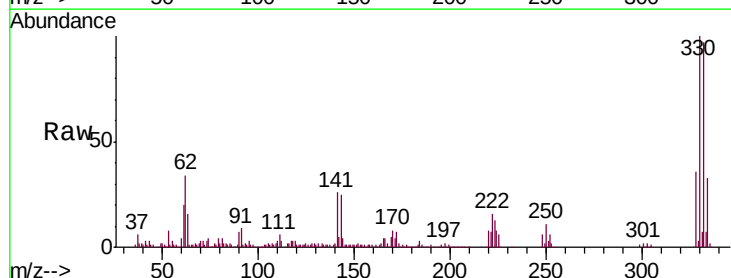
Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-WC

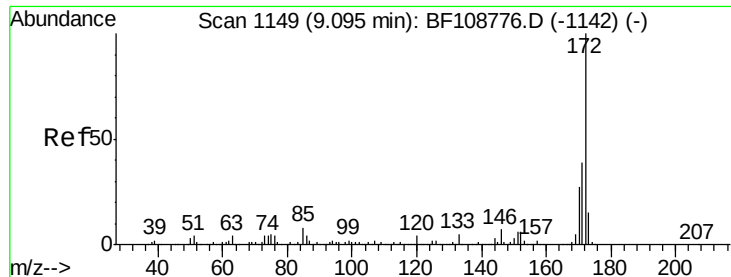
Tgt Ion:164 Resp: 245662
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 47.8 38.3 57.5



#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

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

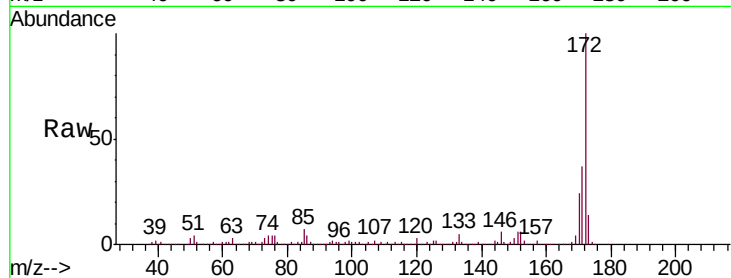




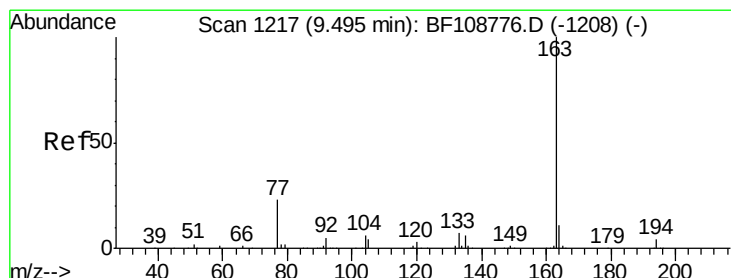
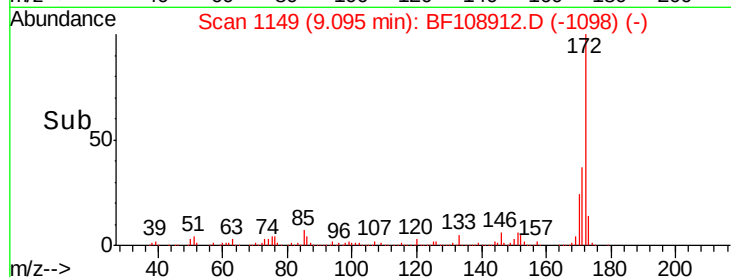
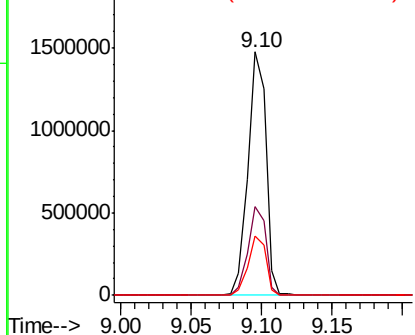
#44
 2-Fluorobiphenyl
 Concen: 92.426 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108912.D
 Acq: 10 Sep 2018 23:52

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-WC

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

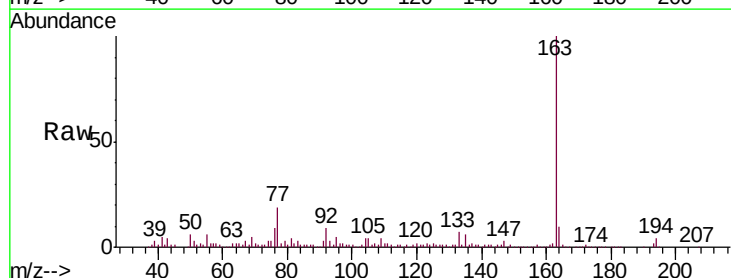


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



#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

Tgt 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
 250000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

