

Data File : BF108921.D
Acq On : 11 Sep 2018 4:25
Operator : JU/SJ
Sample : J4830-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090618-DBRI-E-D-S

Quant Time: Sep 11 08:19:43 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	151747	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	522894	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	207709	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	351232	20.00	ng	0.00
75) Chrysene-d12	13.87	240	386195	20.00	ng	0.00
86) Perylene-d12	15.28	264	277224	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	379166	41.39	ng	0.00
7) Phenol-d6	6.37	99	291574	24.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	882422	105.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	178432	89.99	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1404100	115.32	ng	0.00
78) Terphenyl-d14	12.83	244	1251189	75.55	ng	0.00

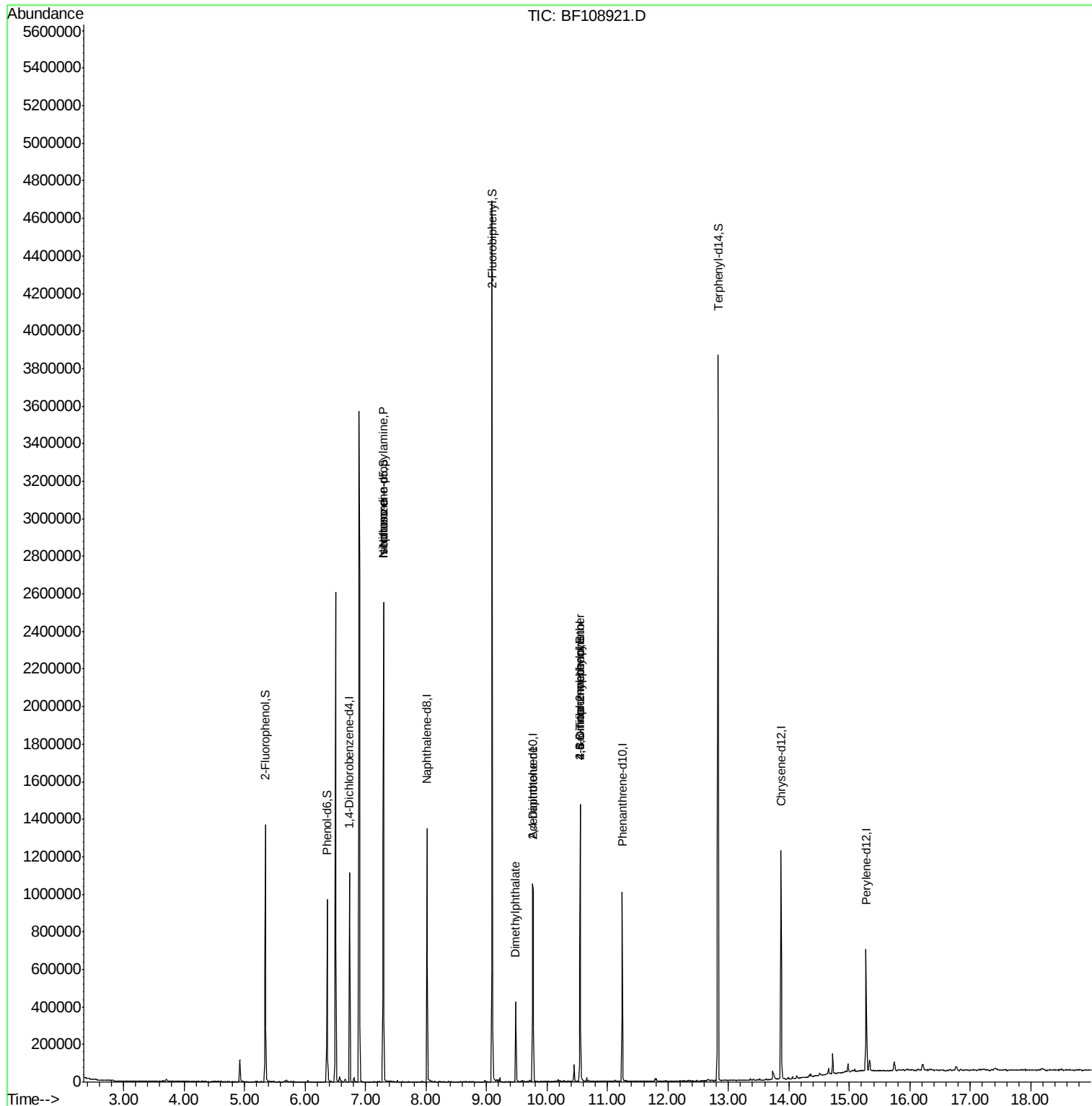
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	117770	14.376	ng	# 77
25) Isophorone	7.30	82	878036	52.683	ng	# 64
49) Dimethylphthalate	9.48	163	164243	11.305	ng	100
56) 2,4-Dinitrotoluene	9.77	165	27040	7.638	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	359	7.091	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	10983	2.769	ng	# 1

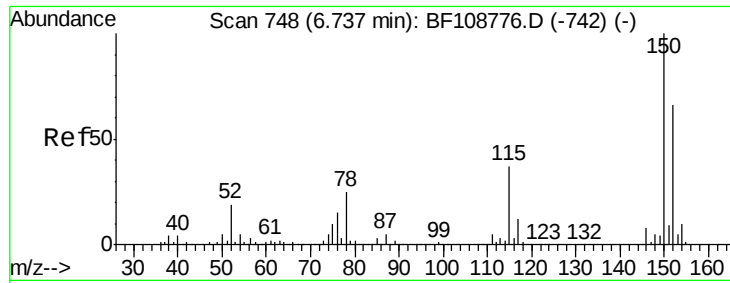
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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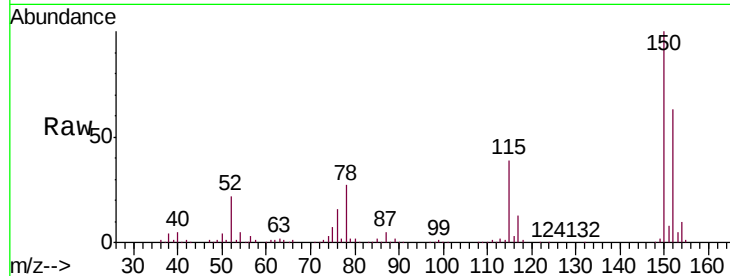




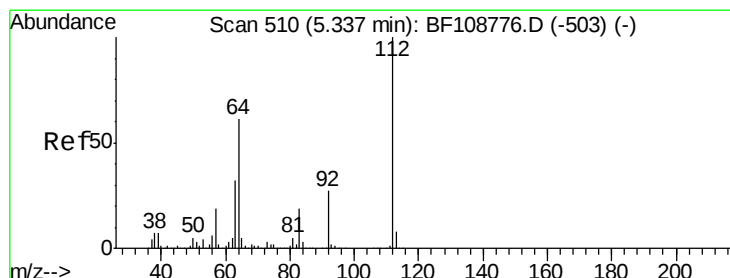
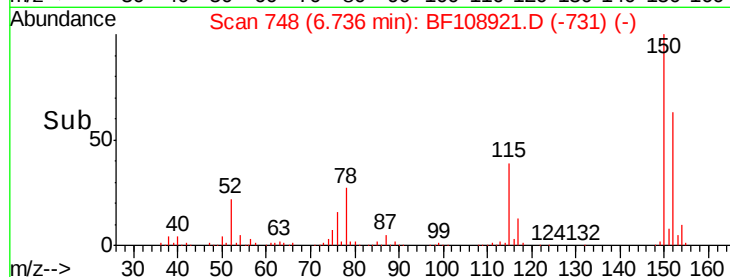
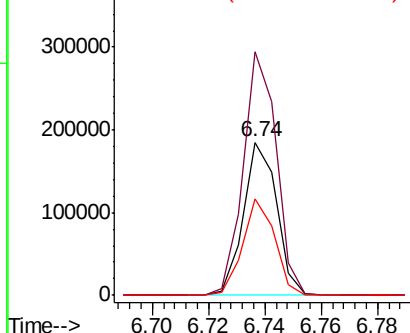
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108921.D
 Acq: 11 Sep 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :
 090618-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1

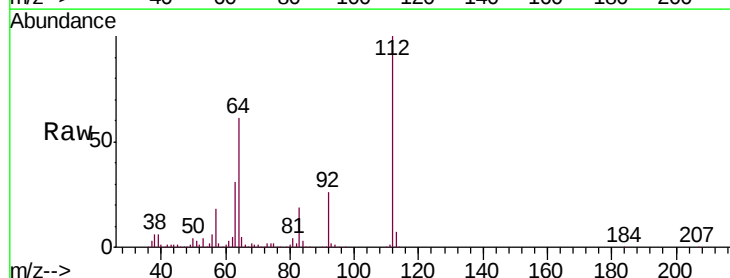


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

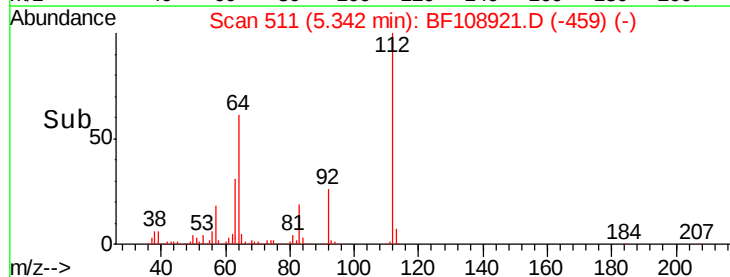
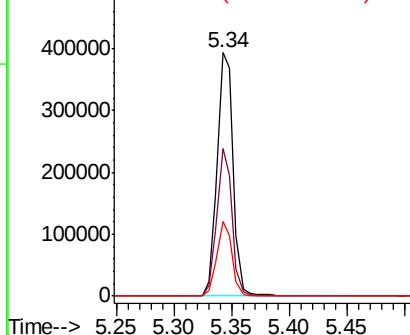


#5
 2-Fluorophenol
 Concen: 41.395 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108921.D
 Acq: 11 Sep 2018 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.6	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: 24.740 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108921.D

Acq: 11 Sep 2018 4:25

Instrument :

BNA_F

ClientSampleId :

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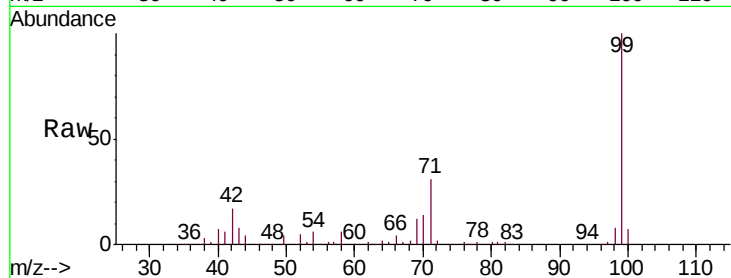
Tgt Ion: 99 Resp: 291574

Ion Ratio Lower Upper

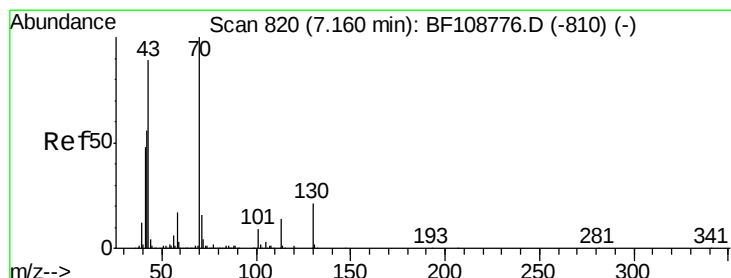
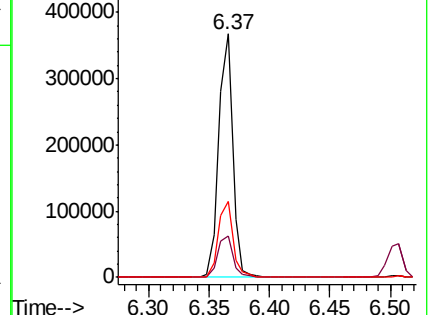
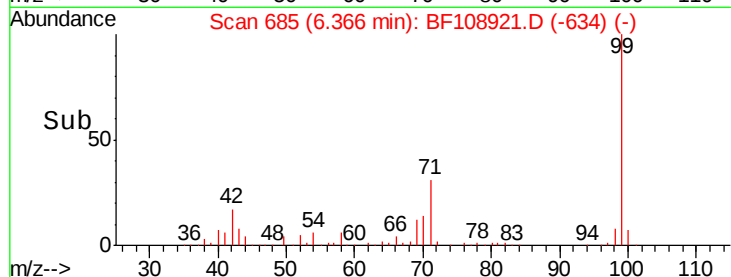
99 100

42 16.8 14.5 21.7

71 31.2 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: 14.376 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108921.D

Acq: 11 Sep 2018 4:25

Tgt Ion: 70 Resp: 117770

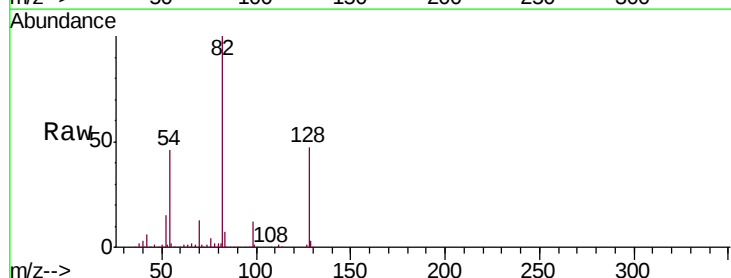
Ion Ratio Lower Upper

70 100

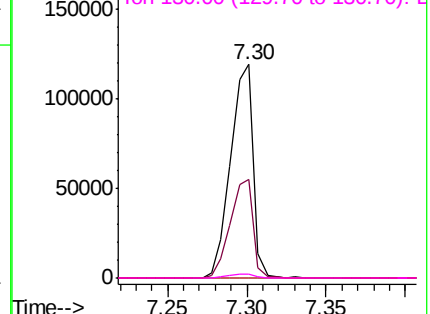
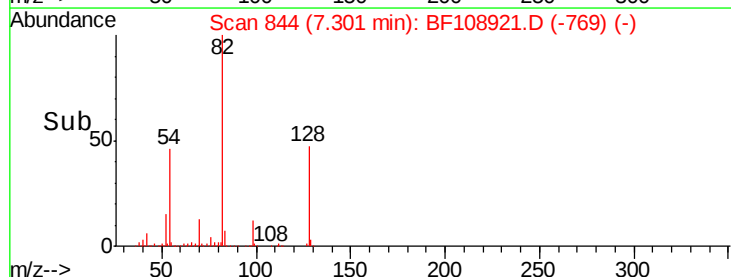
42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 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

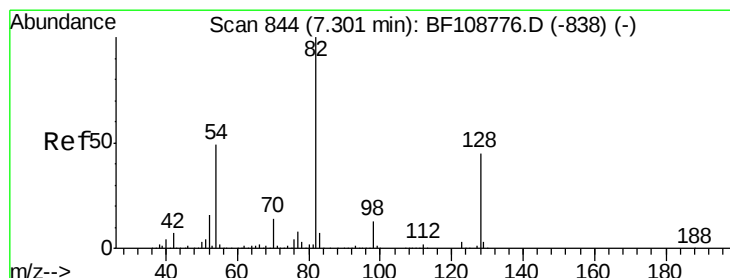
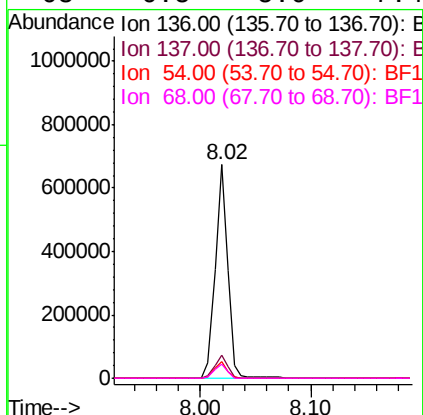
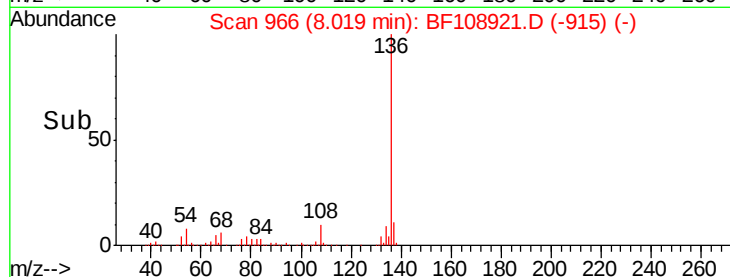
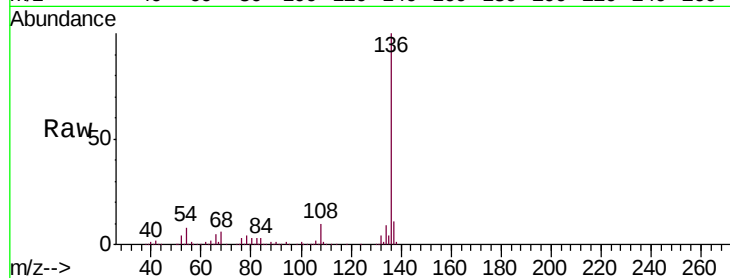




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108921.D
Acq: 11 Sep 2018 4:25

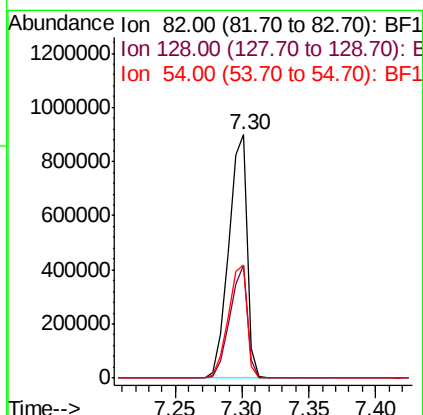
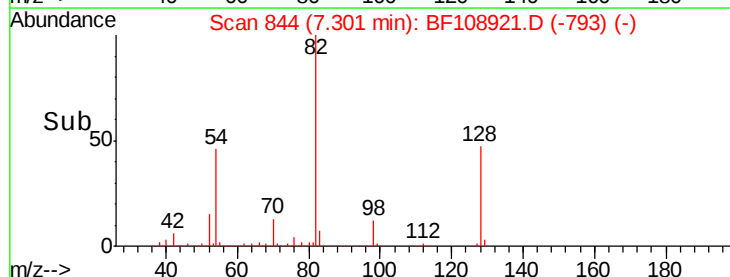
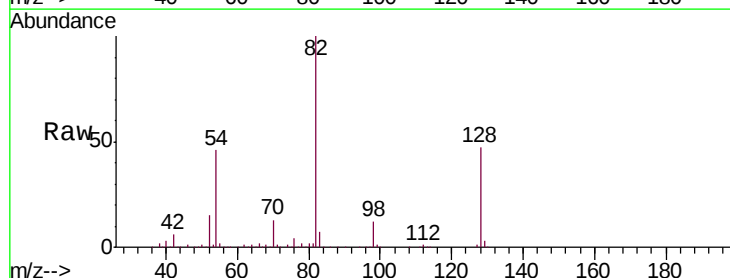
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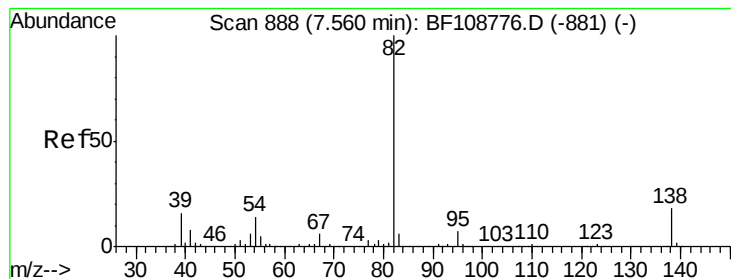
Tgt Ion:	136	Resp:	522894
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 105.610 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108921.D
Acq: 11 Sep 2018 4:25

Tgt Ion:	82	Resp:	882422
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	46.3	41.4	62.2





#25

Isophorone

Concen: 52.683 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108921.D

Acq: 11 Sep 2018 4:25

Instrument :

BNA_F

ClientSampleId :

090618-DBRI-E-D-S

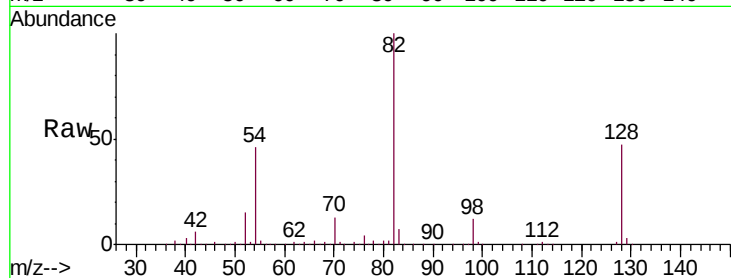
Tgt Ion: 82 Resp: 878036

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

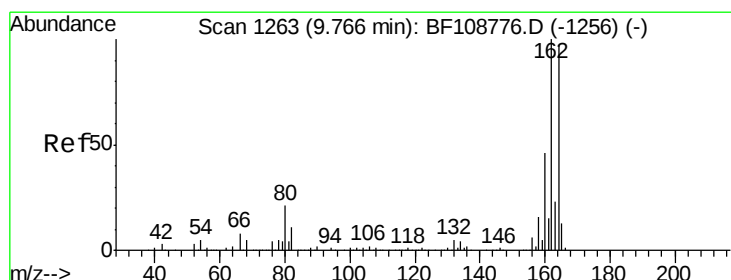
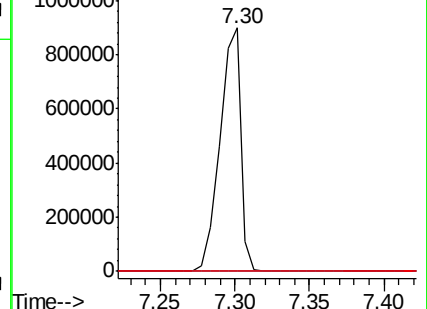
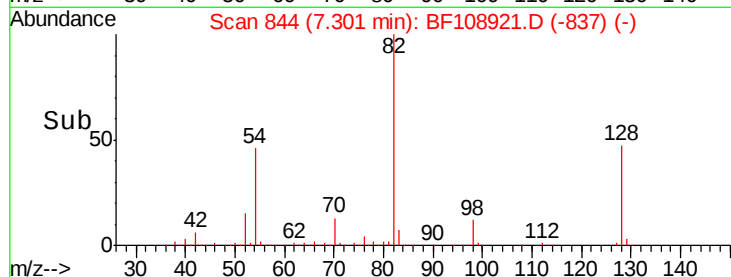
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108921.D

Acq: 11 Sep 2018 4:25

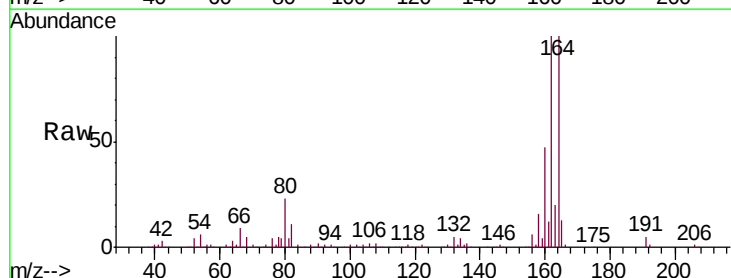
Tgt Ion: 164 Resp: 207709

Ion Ratio Lower Upper

164 100

162 100.2 86.1 129.1

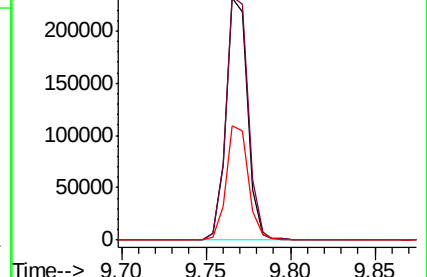
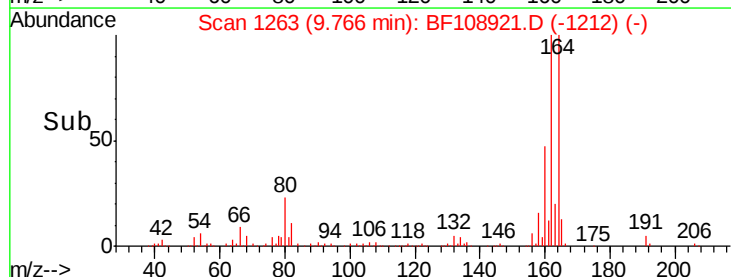
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

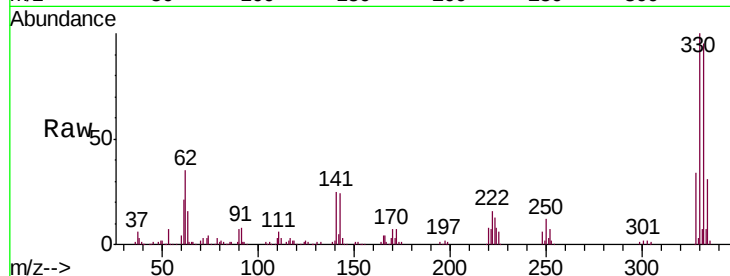




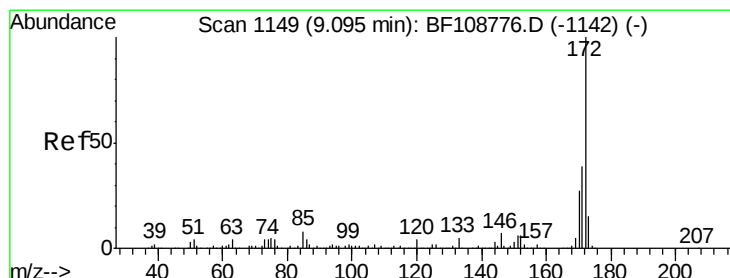
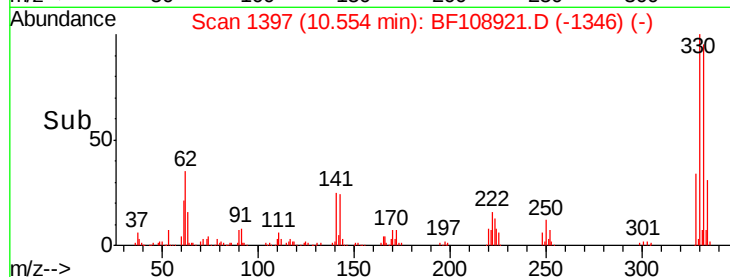
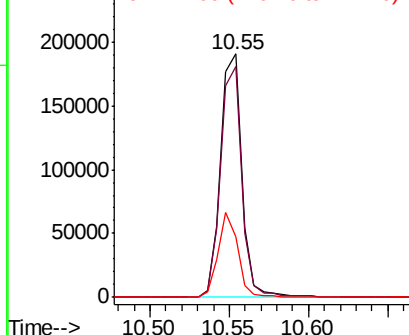
#41
 2,4,6-Tribromophenol
 Concen: 89.986 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108921.D
 Acq: 11 Sep 2018 4:25

Instrument :
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 ClientSampleId :
 090618-DBRI-E-D-S

Tgt Ion:330 Resp: 178432
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 32.3 29.9 44.9

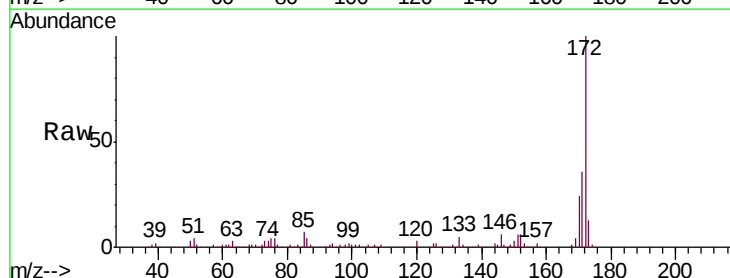


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 115.324 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108921.D
 Acq: 11 Sep 2018 4:25

Tgt Ion:172 Resp: 1404100
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

