

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109456.D
 Acq On : 29 Sep 2018 3:47
 Operator : JU/SJ
 Sample : J5133-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-B

Quant Time: Oct 01 03:08:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

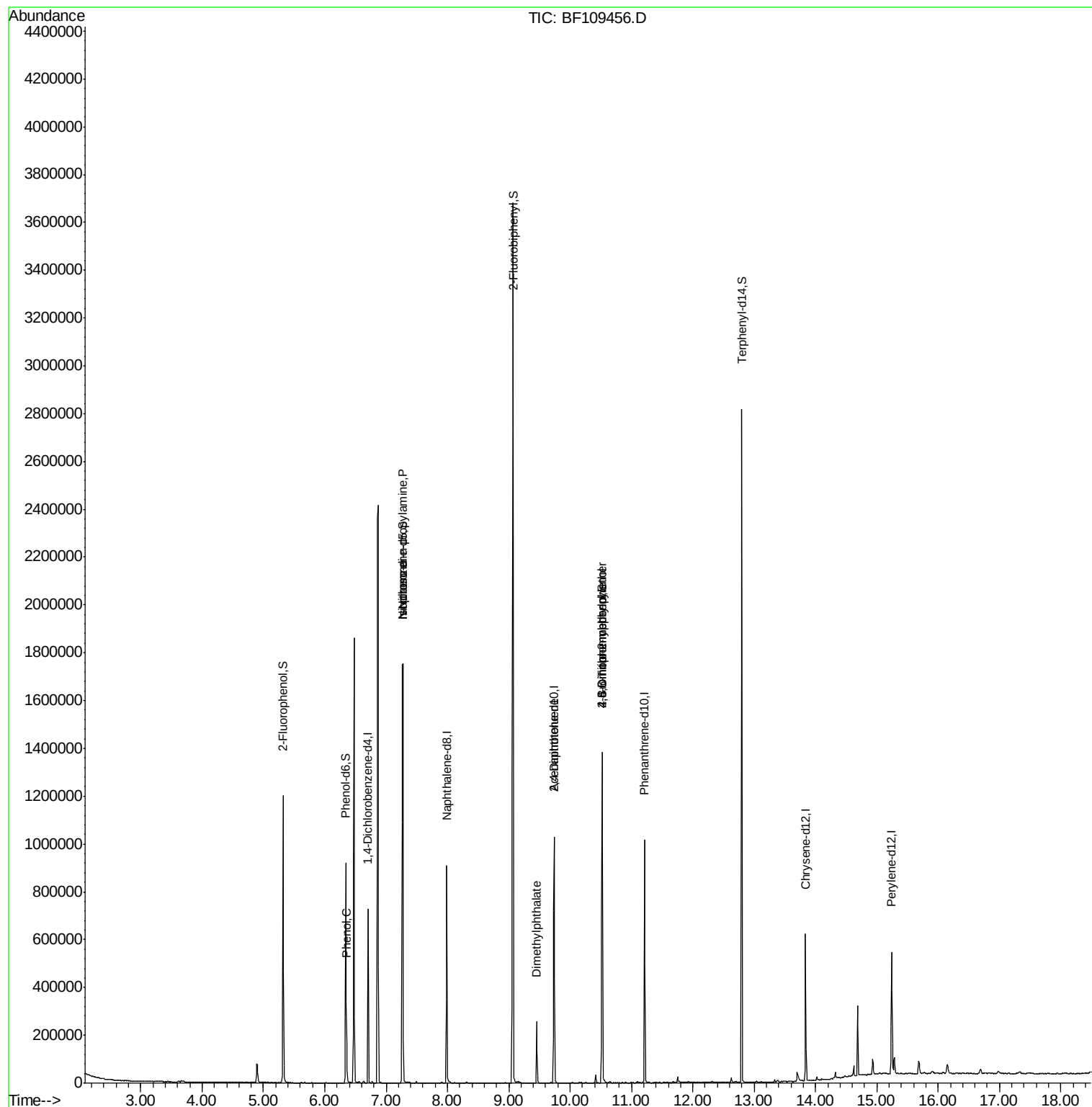
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109677	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412230	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188819	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	341031	20.00	ng	0.00
75) Chrysene-d12	13.84	240	214699	20.00	ng	0.00
86) Perylene-d12	15.24	264	229753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	315421	47.37	ng	0.00
7) Phenol-d6	6.35	99	291942	34.36	ng	-0.01
23) Nitrobenzene-d5	7.27	82	682883	97.79	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	163968	88.09	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1155371	92.29	ng	0.00
78) Terphenyl-d14	12.80	244	1006580	115.06	ng	0.00
Target Compounds						
10) Phenol	6.36	94	35994	3.741	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	92635	16.638	ng	# 79
25) Isophorone	7.27	82	661516	52.606	ng	# 64
49) Dimethylphthalate	9.46	163	98716	7.188	ng	100
56) 2,4-Dinitrotoluene	9.74	165	23751	6.901	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	279	6.696	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10323	2.726	ng	# 1

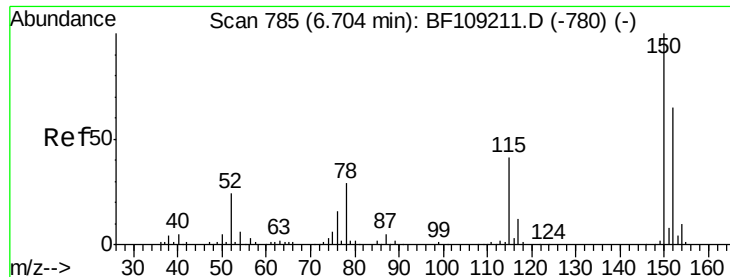
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

BNA_F

ClientSampleId :

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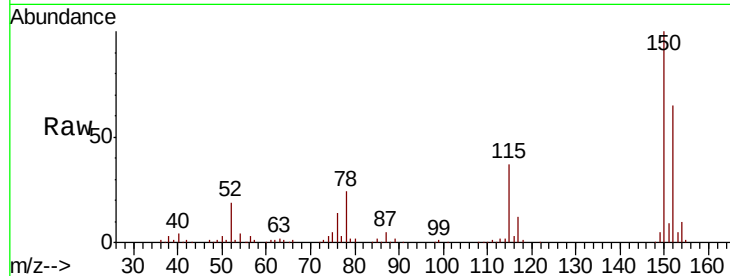
Tgt Ion:152 Resp: 109677

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

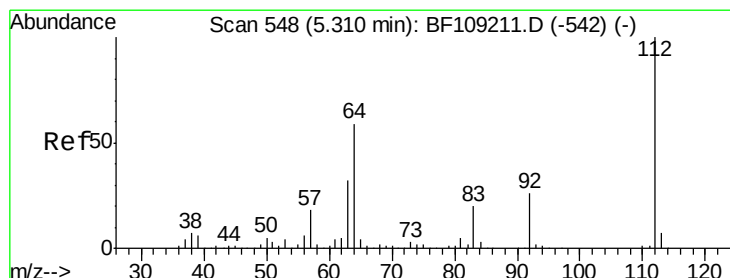
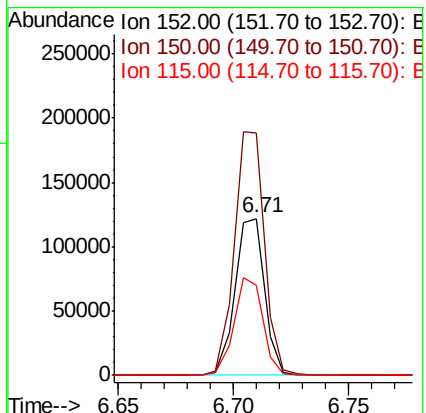
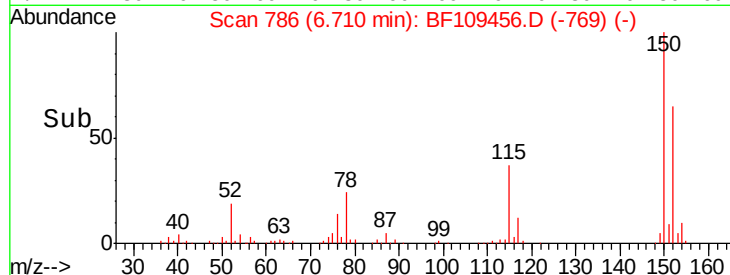
115 57.5 50.1 75.1



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: 47.368 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

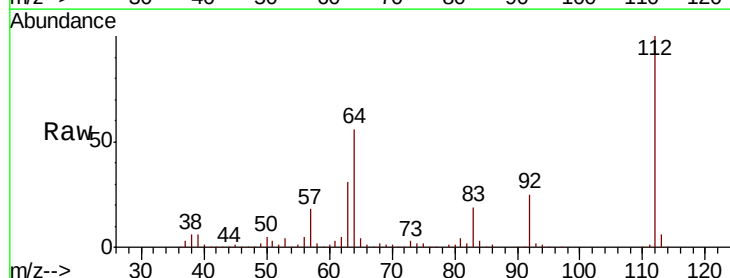
Tgt Ion:112 Resp: 315421

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

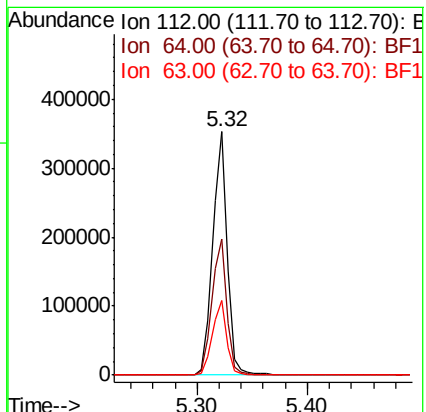
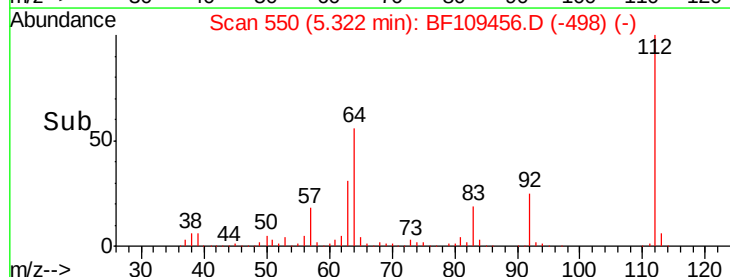
63 30.5 23.7 35.5

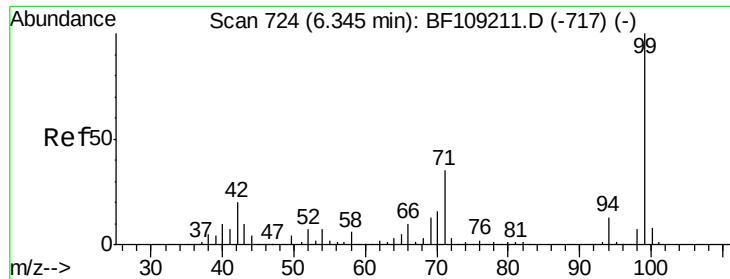


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 34.358 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

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ClientSampleId :

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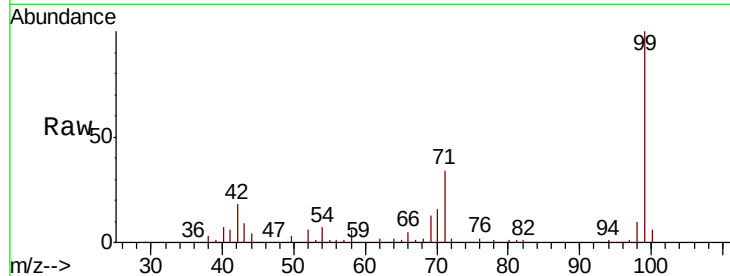
Tgt Ion: 99 Resp: 291942

Ion Ratio Lower Upper

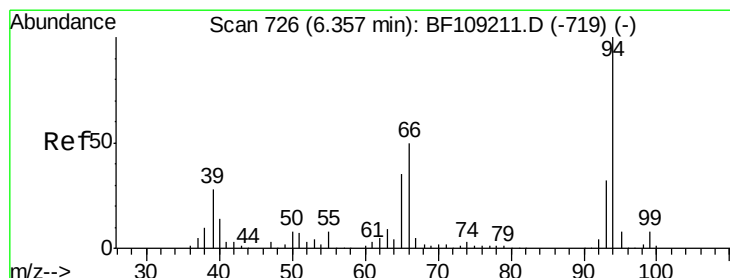
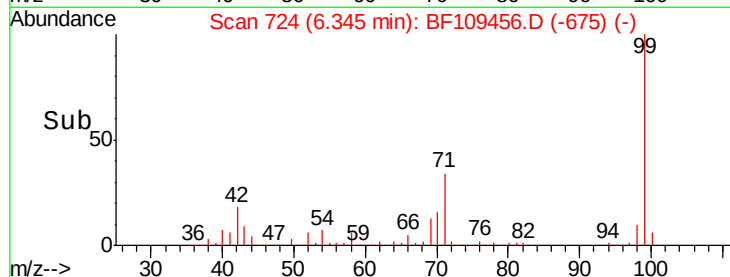
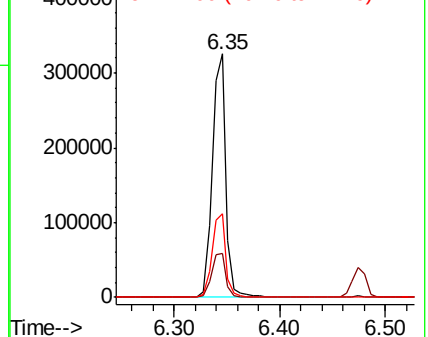
99 100

42 18.0 14.5 21.7

71 34.1 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



#10

Phenol

Concen: 3.741 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

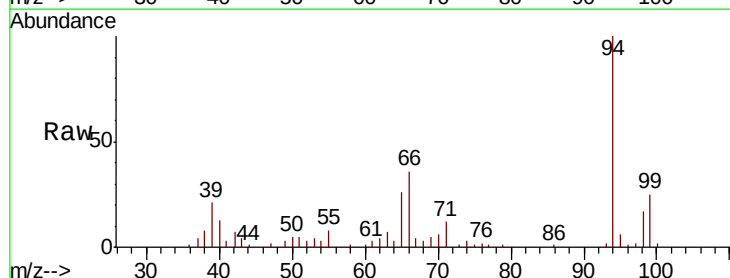
Tgt Ion: 94 Resp: 35994

Ion Ratio Lower Upper

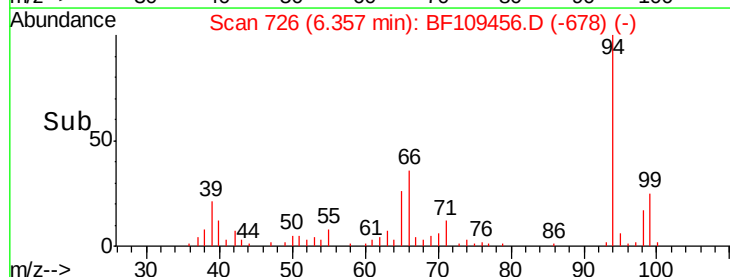
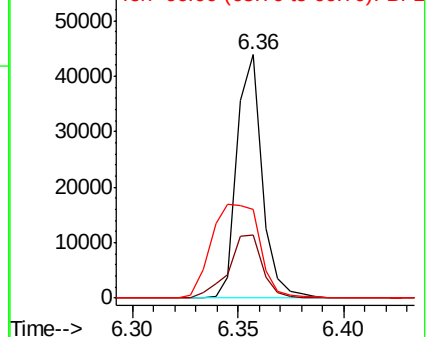
94 100

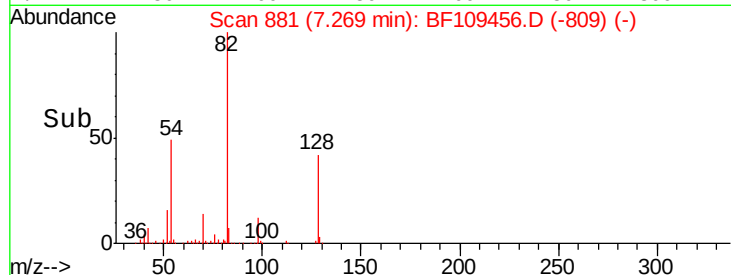
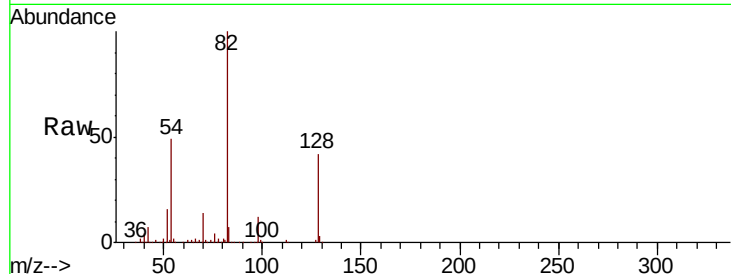
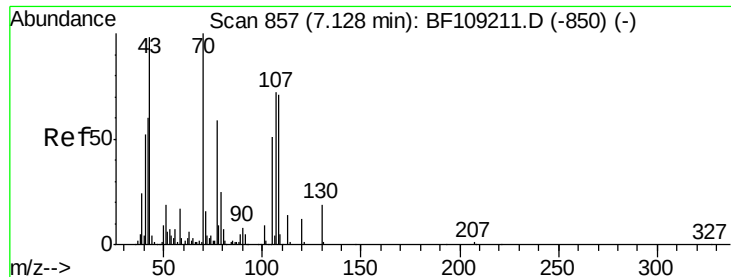
65 25.7 7.9 47.9

66 36.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

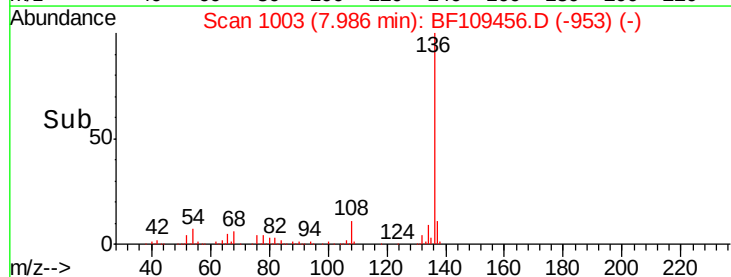
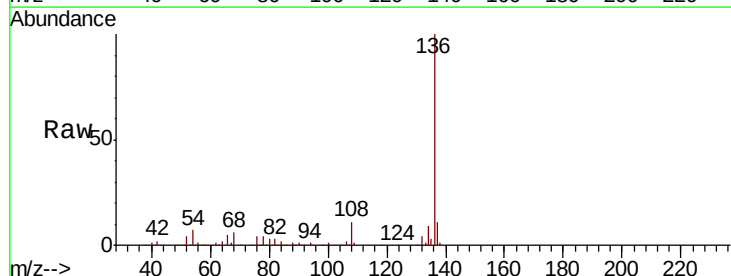
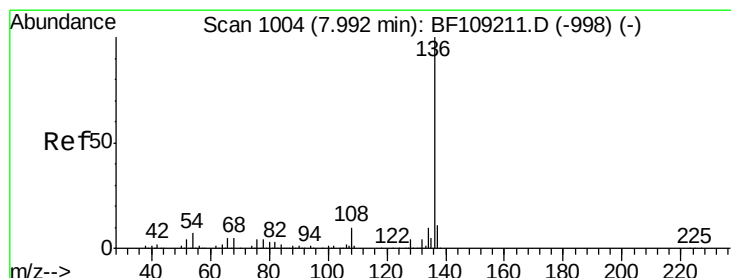
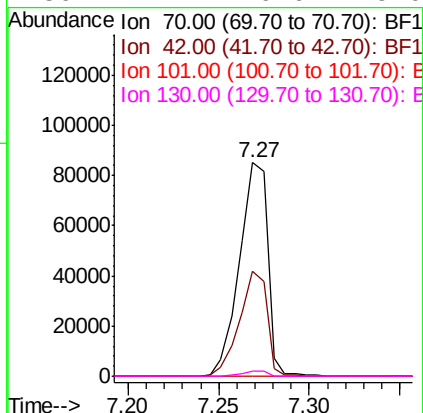




#19
n-Nitroso-di-n-propylamine
Concen: 16.638 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109456.D
Acq: 29 Sep 2018 3:47

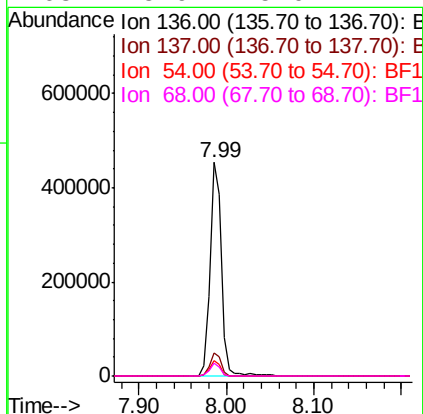
Instrument :
BNA_F
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092618-DBRI-F-U-B

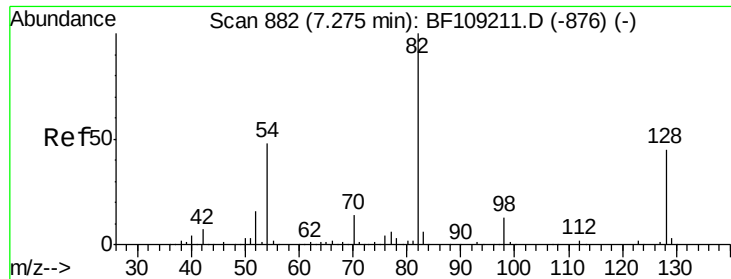
Tgt Ion:	70	Resp:	92635
Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109456.D
Acq: 29 Sep 2018 3:47

Tgt Ion:	136	Resp:	412230
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

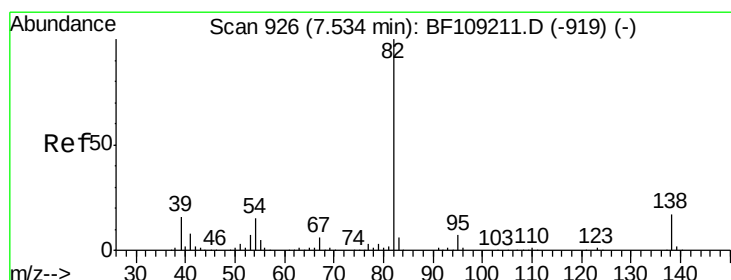
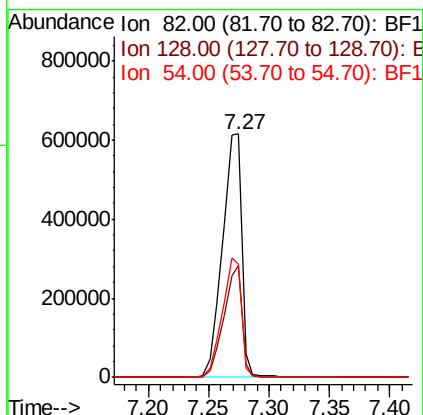
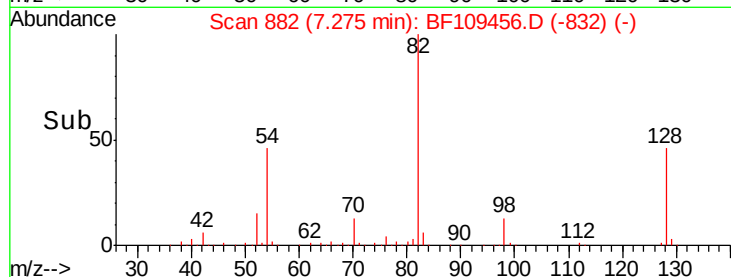
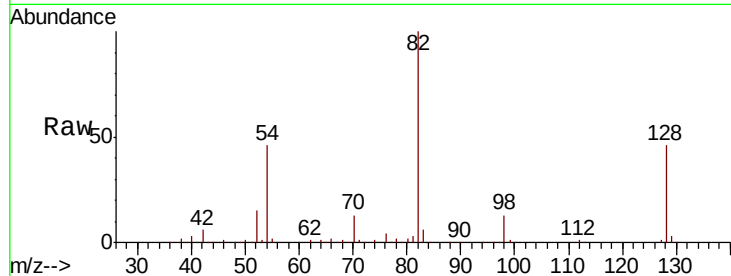




#23
 Nitrobenzene-d5
 Concen: 97.789 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

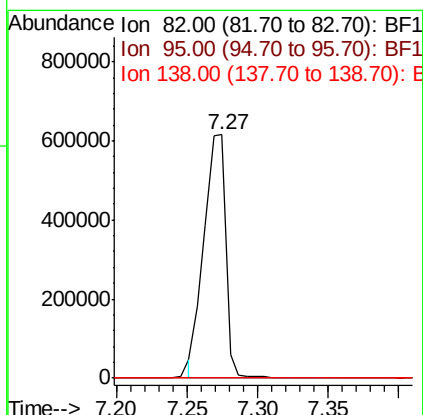
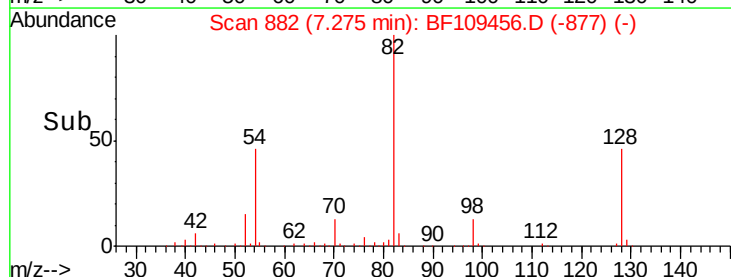
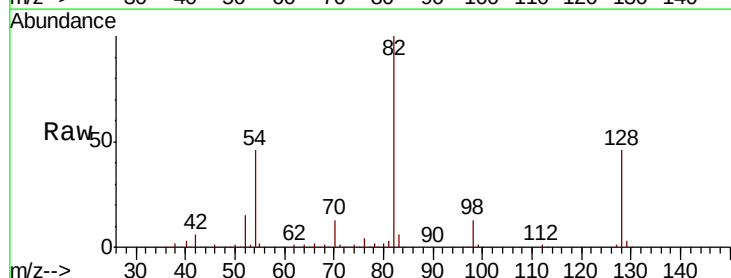
Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-B

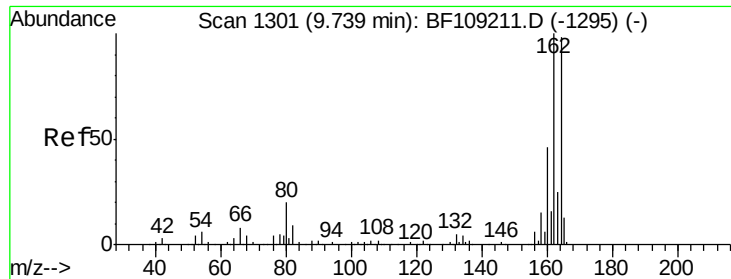
Tgt Ion: 82 Resp: 682883
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 46.3 41.4 62.2



#25
 Isophorone
 Concen: 52.606 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion: 82 Resp: 661516
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

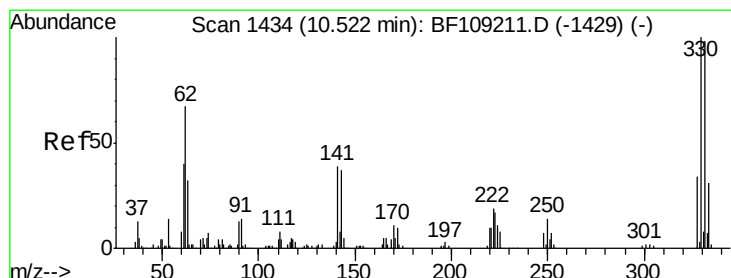
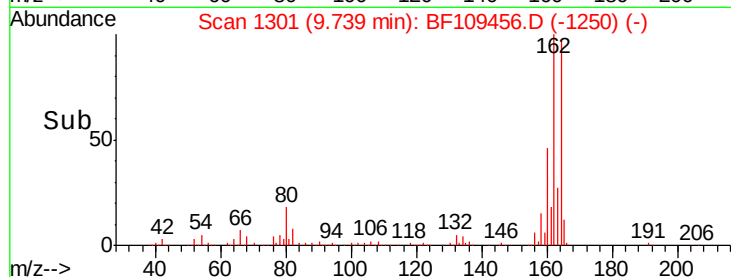
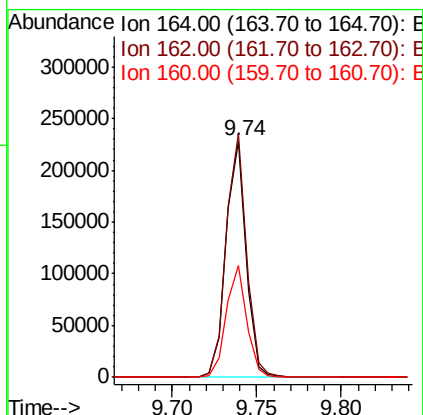
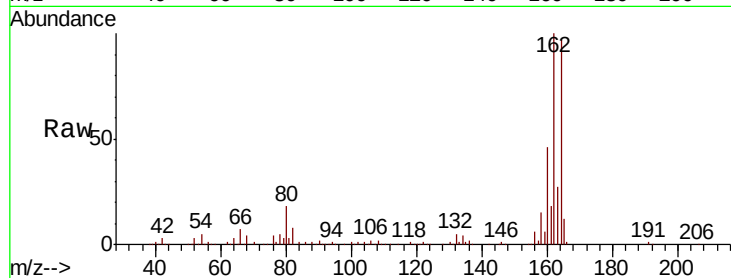




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

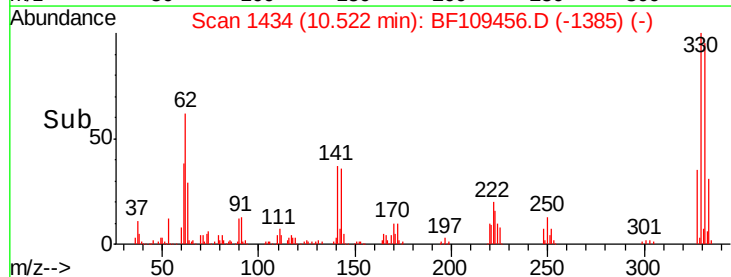
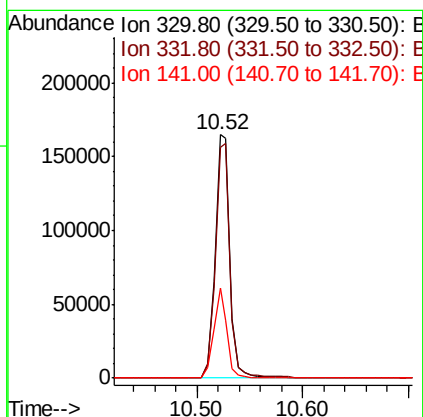
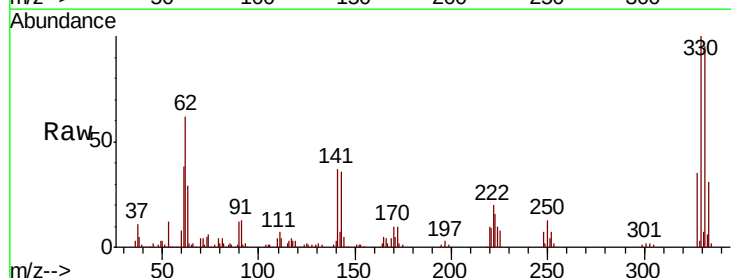
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 092618-DBRI-F-U-B

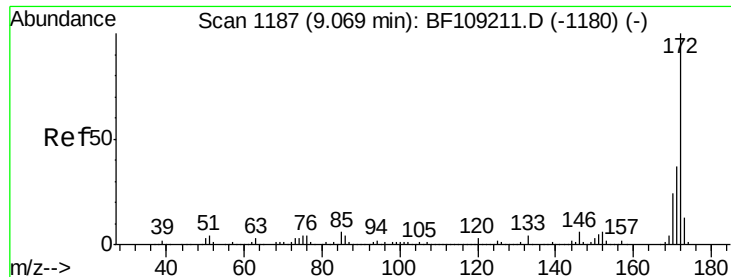
Tgt Ion:164 Resp: 188819
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 88.090 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion:330 Resp: 163968
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.9 29.9 44.9

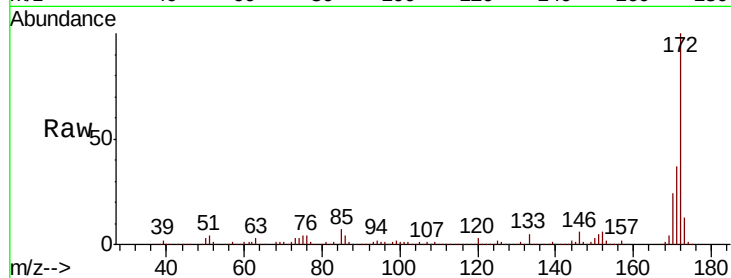




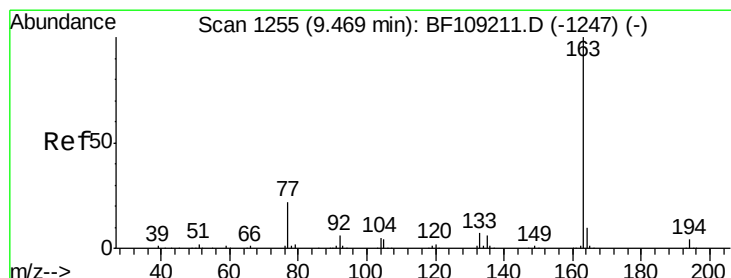
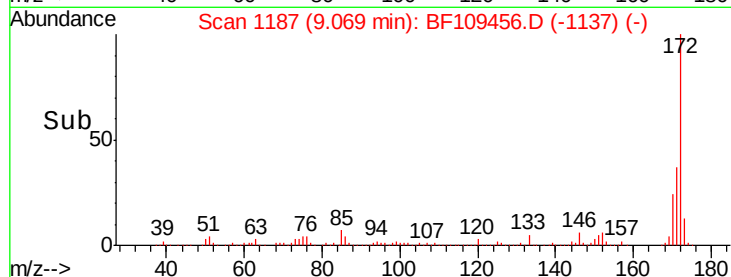
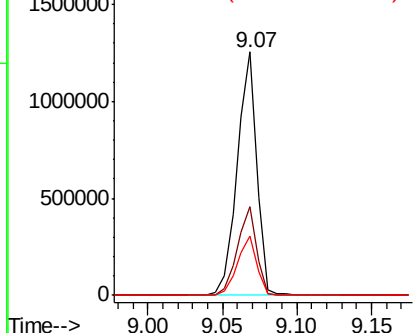
#44
 2-Fluorobiphenyl
 Concen: 92.285 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-B

Tgt Ion:172 Resp: 1155371
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4

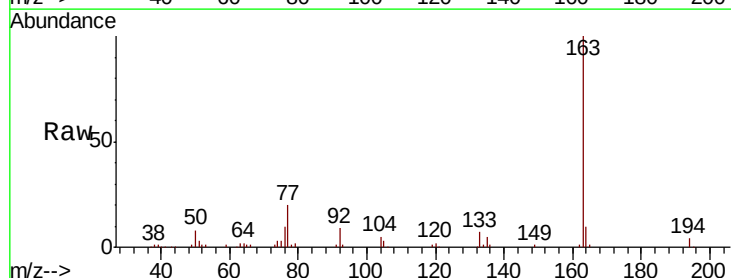


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

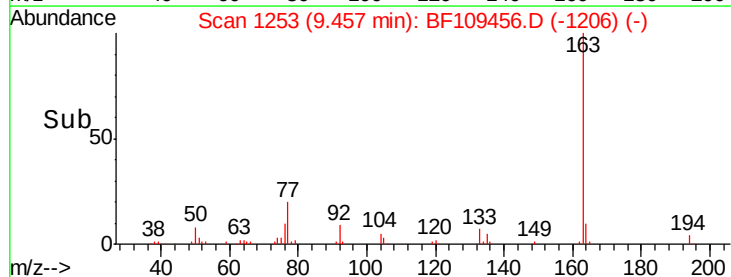
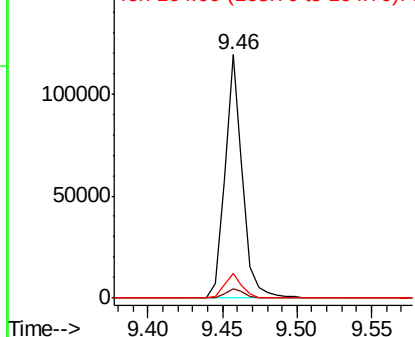


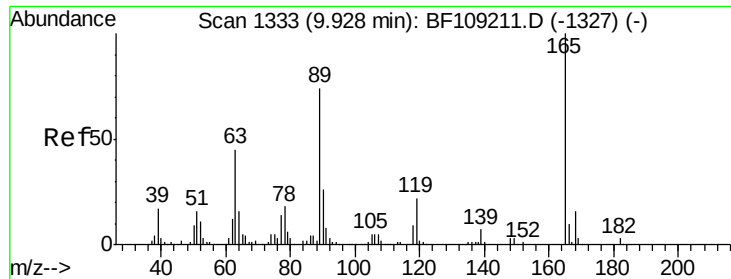
#49
 Dimethylphthalate
 Concen: 7.188 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion:163 Resp: 98716
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.3 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

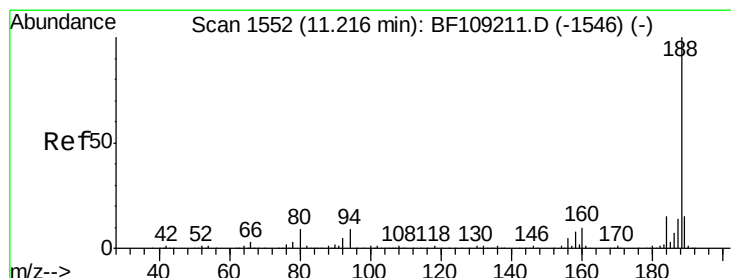
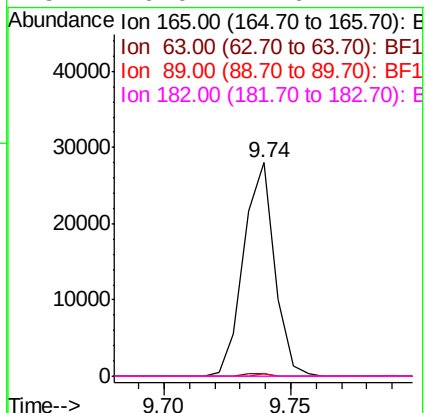
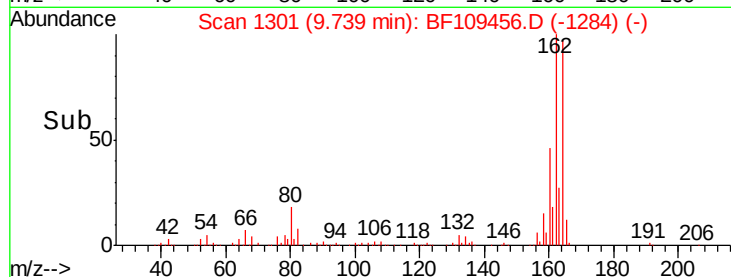
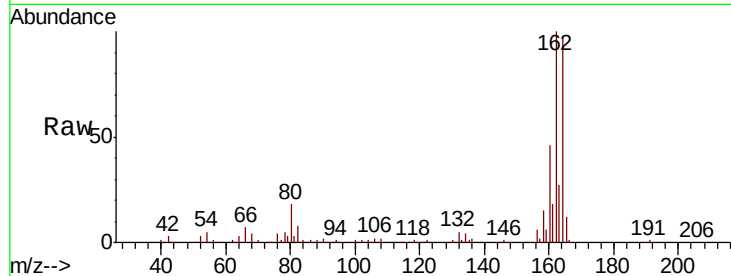




#56
 2,4-Dinitrotoluene
 Concen: 6.901 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

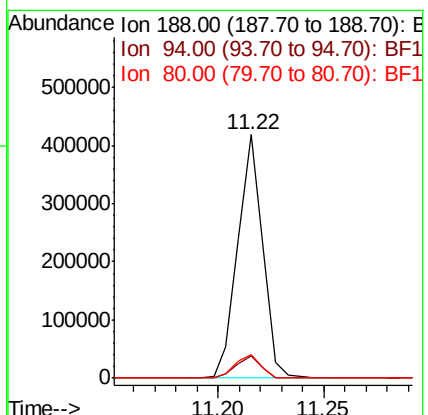
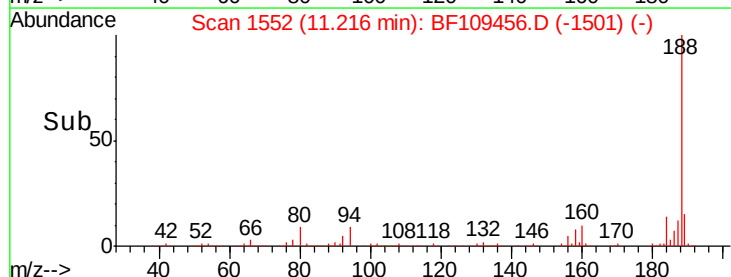
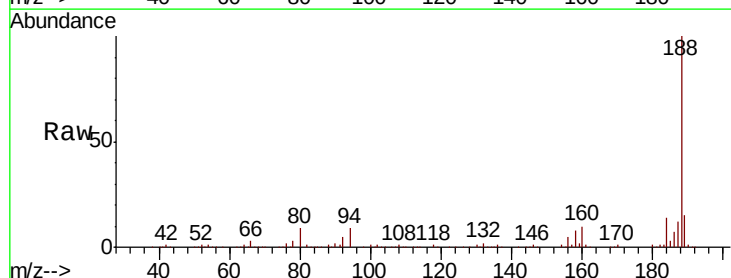
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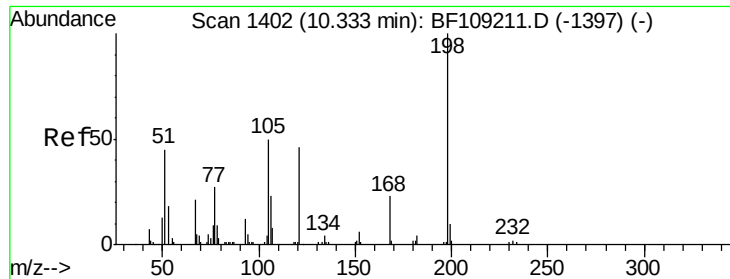
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.4	9.2	13.8

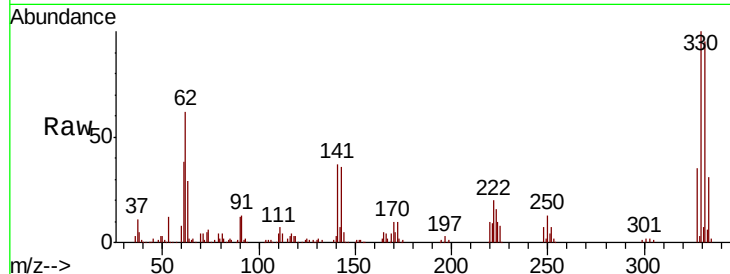




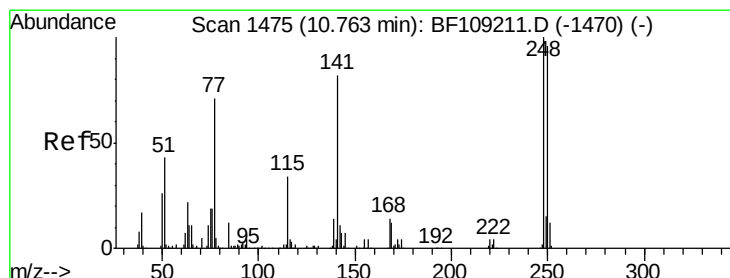
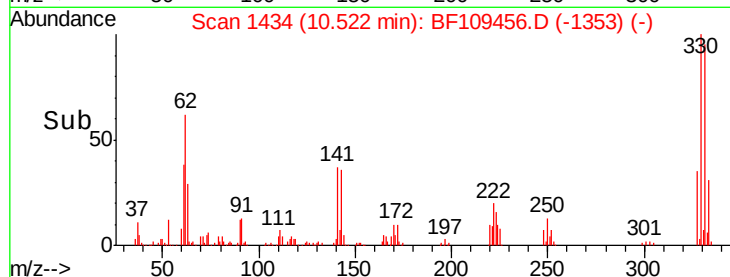
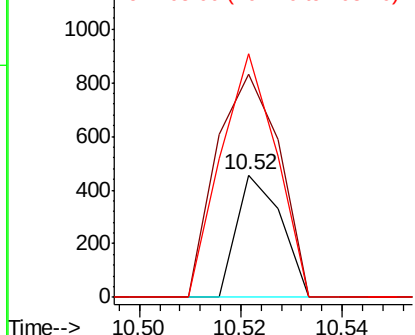
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.696 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :
 092618-DBRI-F-U-B

Tgt Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 181.6 37.7 77.7#
 105 198.7 36.3 76.3#

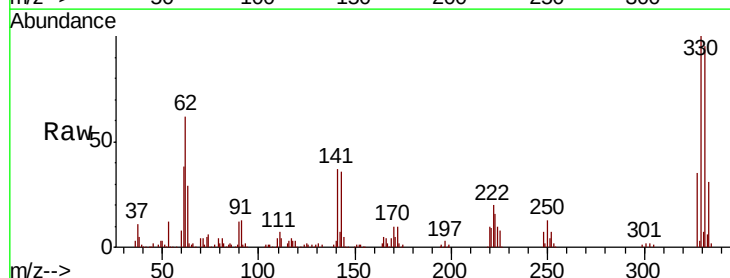


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

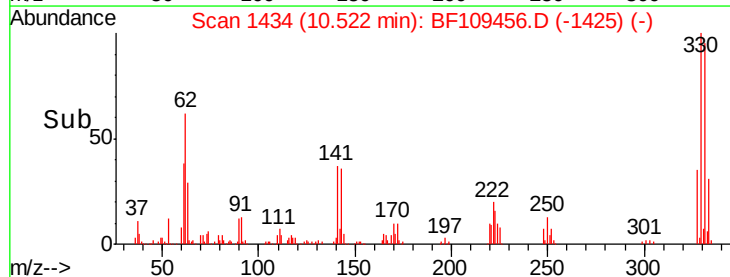
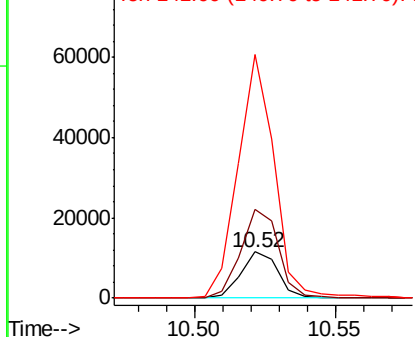


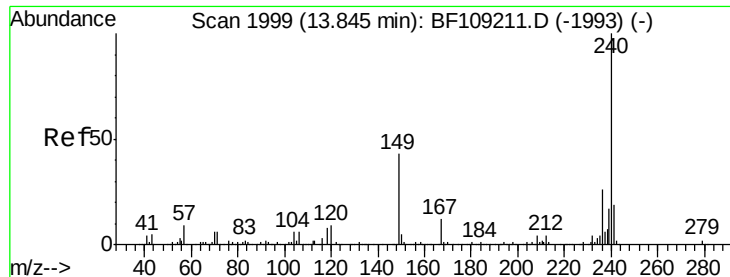
#66
 4-Bromophenyl-phenylether
 Concen: 2.726 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109456.D
 Acq: 29 Sep 2018 3:47

Tgt Ion:248 Resp: 10323
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 530.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Instrument :

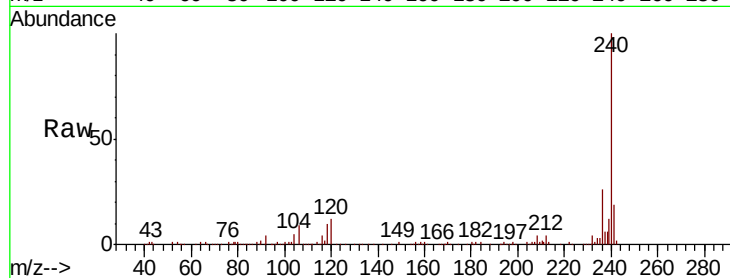
BNA_F

ClientSampleId :

092618-DBRI-F-U-B

Tgt Ion:240 Resp: 214699

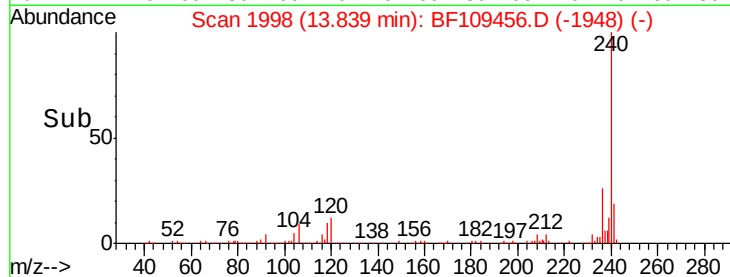
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.9	20.7	31.1



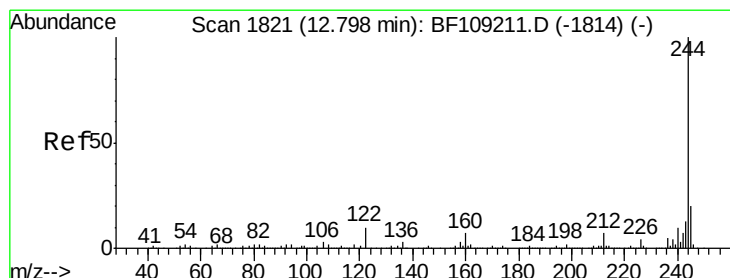
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 115.059 ng

RT: 12.80 min Scan# 1821

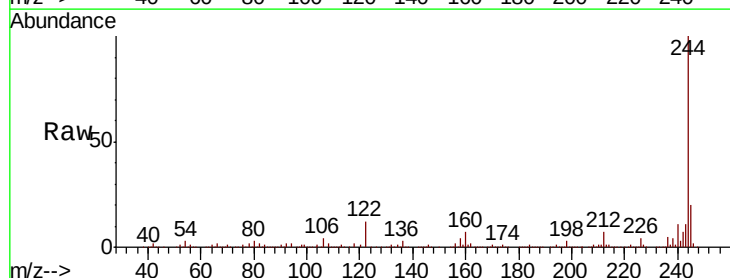
Delta R.T. -0.01 min

Lab File: BF109456.D

Acq: 29 Sep 2018 3:47

Tgt Ion:244 Resp: 1006580

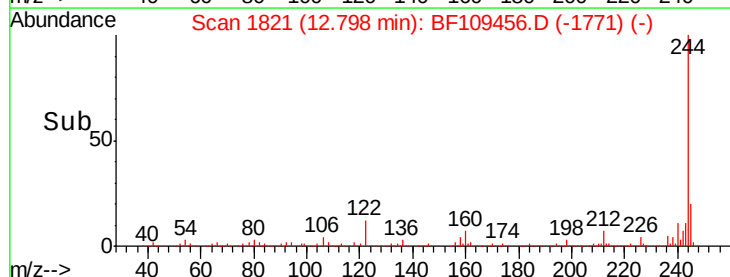
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.5	11.0	16.4



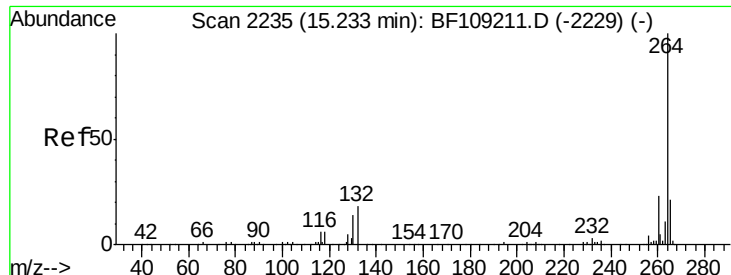
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



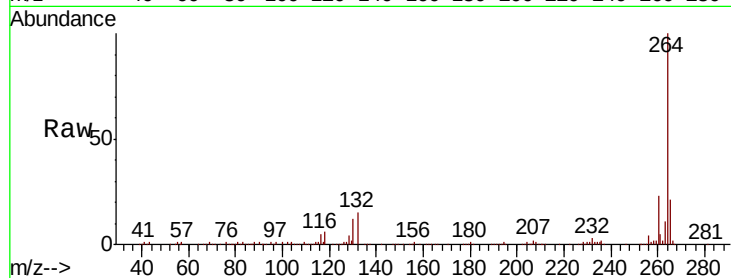
Time-->



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109456.D
Acq: 29 Sep 2018 3:47

Instrument :
BNA_F
ClientSampleId :
092618-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	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

