

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109316.D
 Acq On : 26 Sep 2018 5:11
 Operator : JU/SJ
 Sample : J5052-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-D-B

Quant Time: Sep 26 08:26:57 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	6.70	152	110621	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	404209	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	175462	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	285663	20.00	ng	0.00
75) Chrysene-d12	13.84	240	248797	20.00	ng	0.00
86) Perylene-d12	15.24	264	179213	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	300604	44.76	ng	0.00
7) Phenol-d6	6.34	99	265376	30.97	ng	-0.02
23) Nitrobenzene-d5	7.27	82	749018	109.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	157344	90.97	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1196066	102.81	ng	0.00
78) Terphenyl-d14	12.80	244	1061694	104.73	ng	0.00

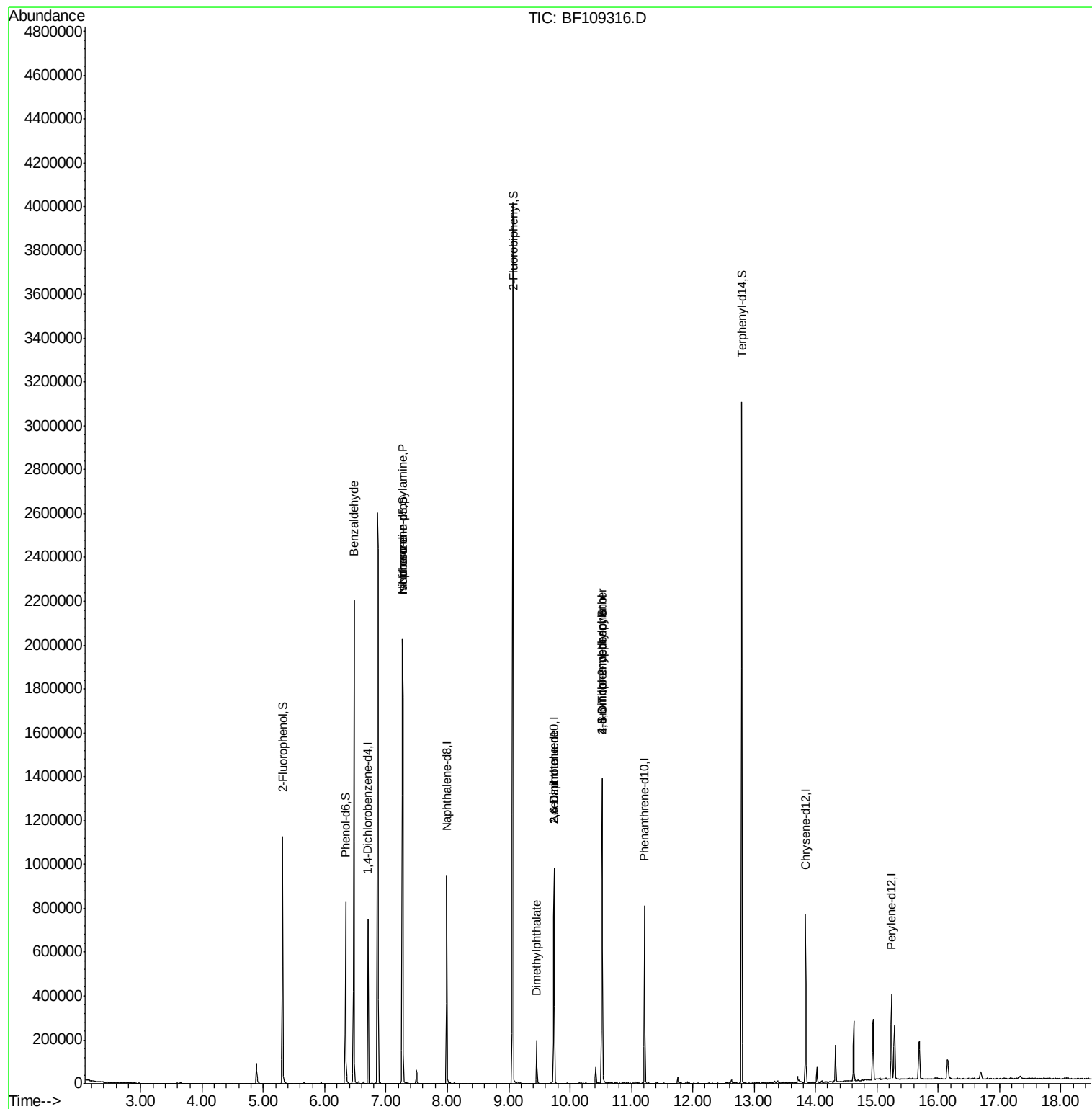
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12743	2.315	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	100981	17.982	ng	# 78
25) Isophorone	7.27	82	724875	58.788	ng	# 64
49) Dimethylphthalate	9.46	163	74308	5.823	ng	# 97
50) 2,6-Dinitrotoluene	9.74	165	22165	8.769	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	22165	6.931	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	159	6.640	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9513	2.999	ng	# 1

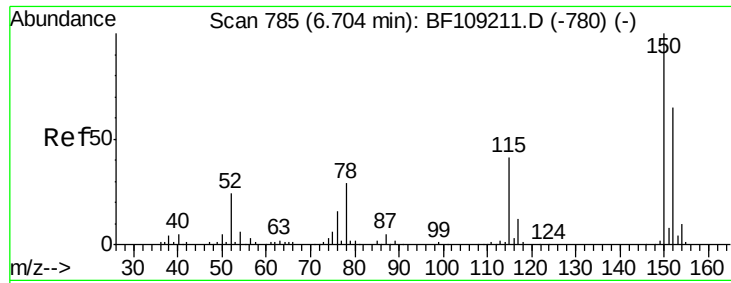
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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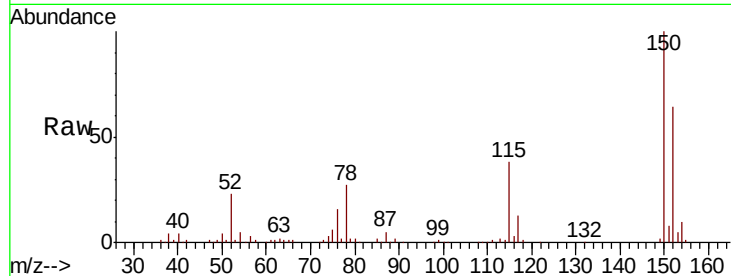




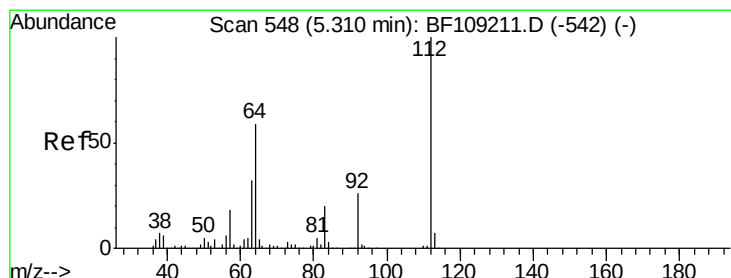
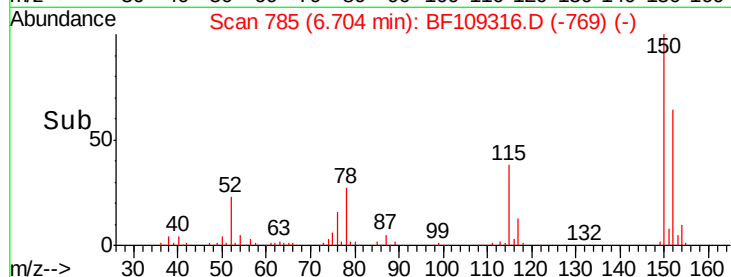
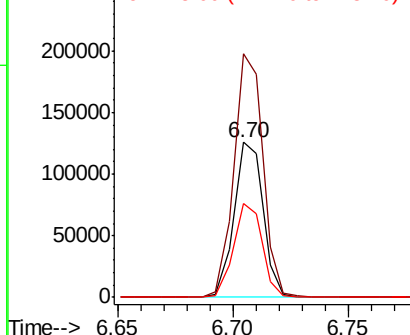
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-D-B

Tgt Ion:152 Resp: 110621
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 60.2 50.1 75.1

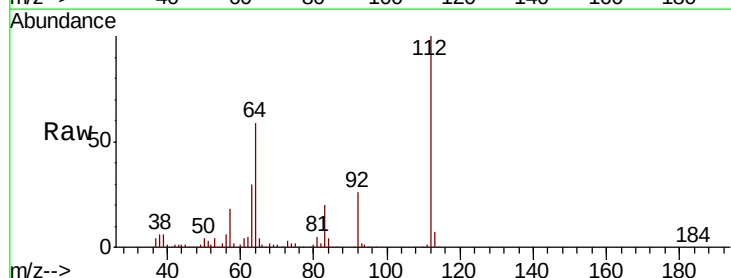


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

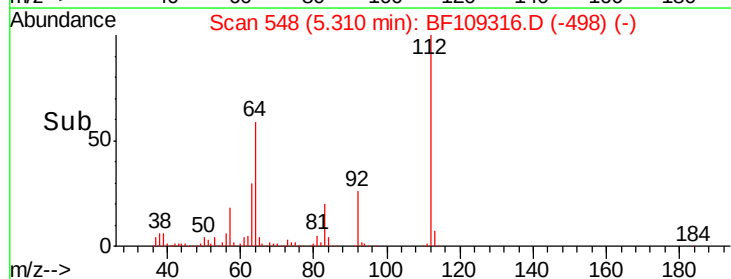
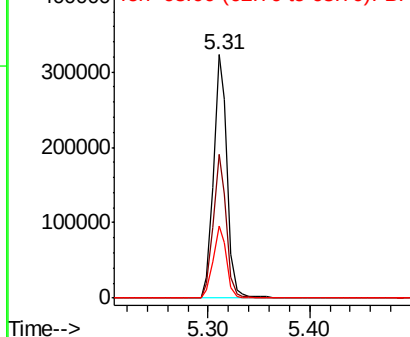


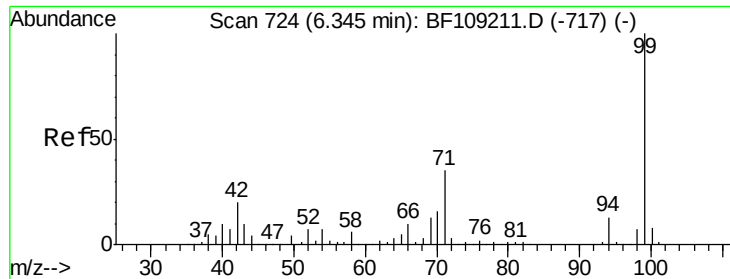
#5
 2-Fluorophenol
 Concen: 44.758 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion:112 Resp: 300604
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.9 71.9
 63 29.8 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: 30.965 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109316.D

Acq: 26 Sep 2018 5:11

Instrument :

BNA_F

ClientSampleId :

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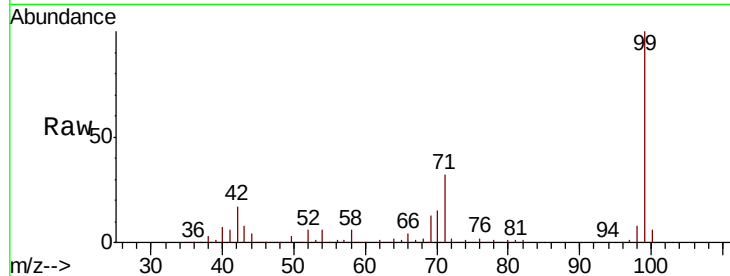
Tgt Ion: 99 Resp: 265376

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

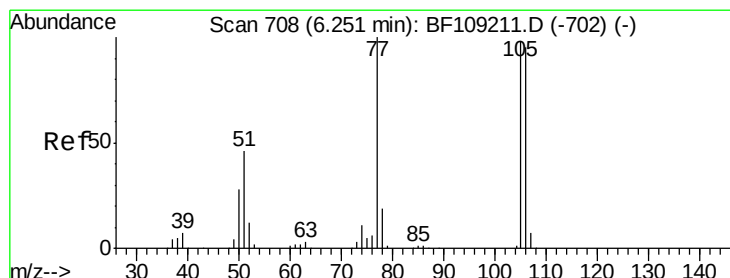
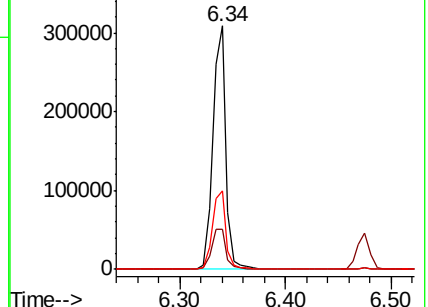
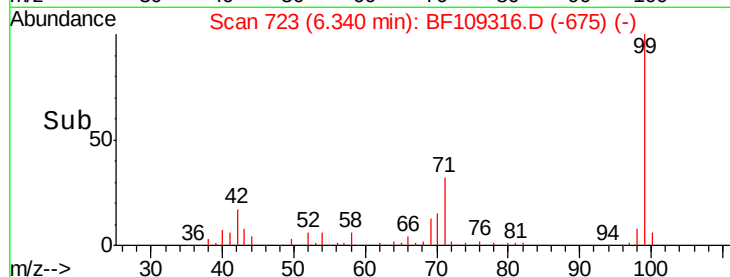
71 32.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.315 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109316.D

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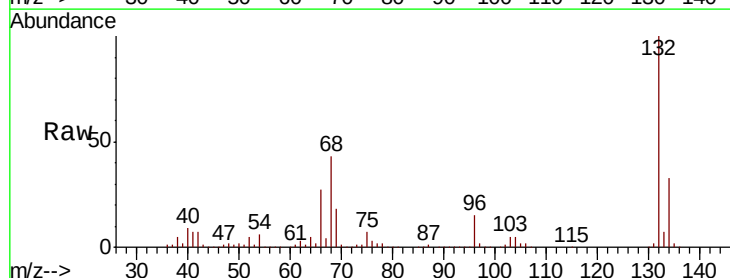
Tgt Ion: 77 Resp: 12743

Ion Ratio Lower Upper

77 100

105 75.7 81.1 121.1#

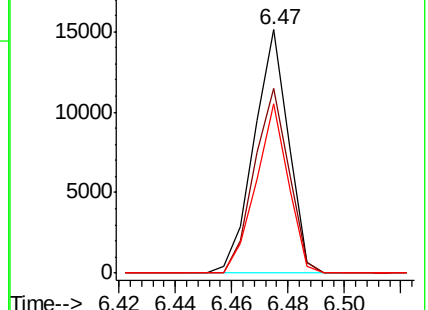
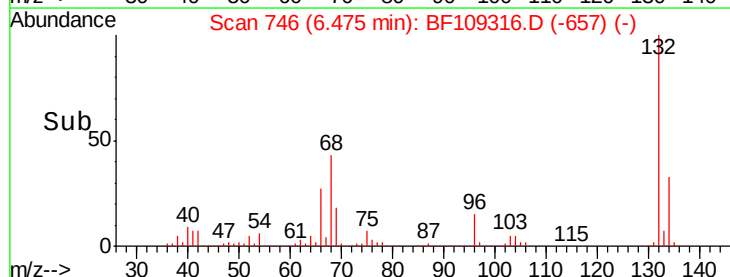
106 69.6 74.5 114.5#

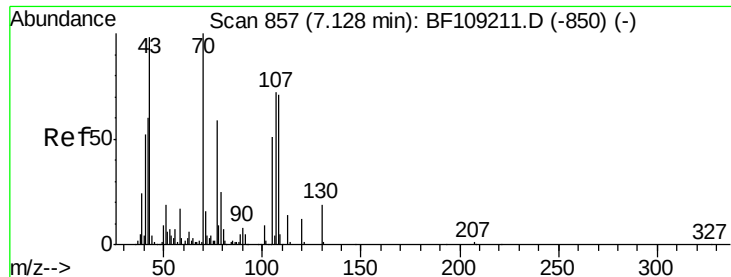


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

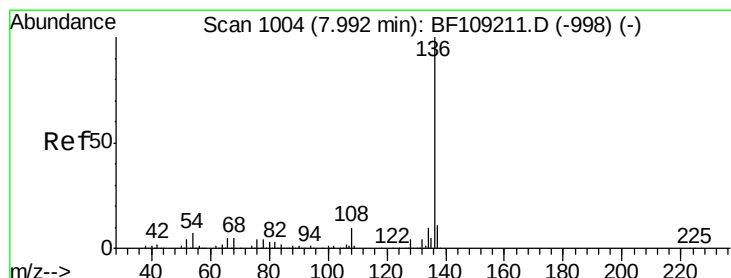
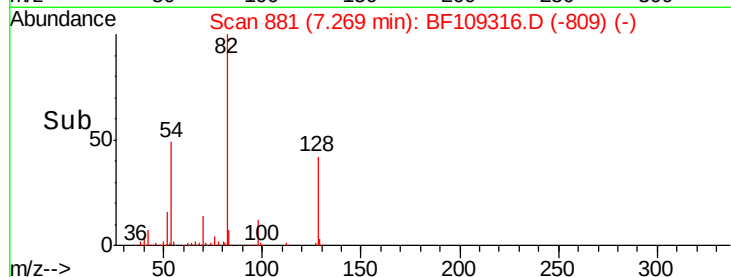
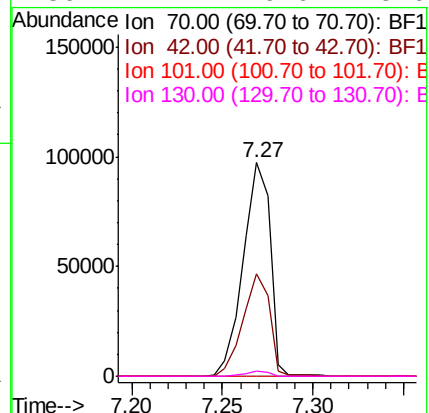
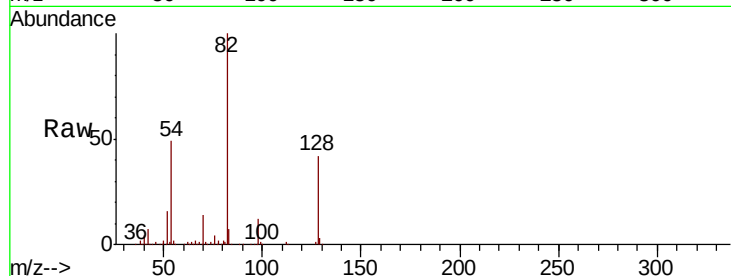




#19
n-Nitroso-di-n-propylamine
Concen: 17.982 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109316.D
Acq: 26 Sep 2018 5:11

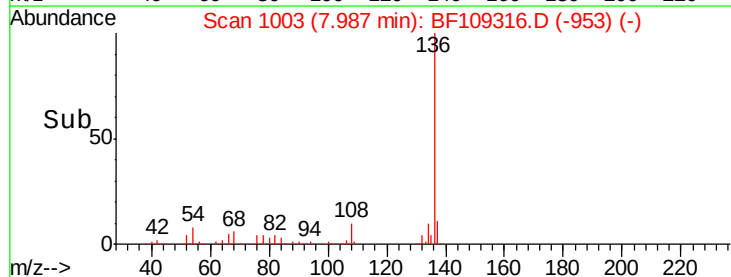
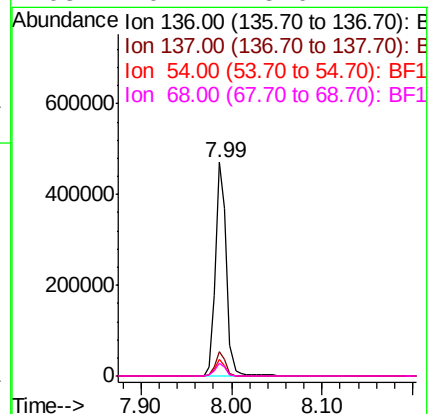
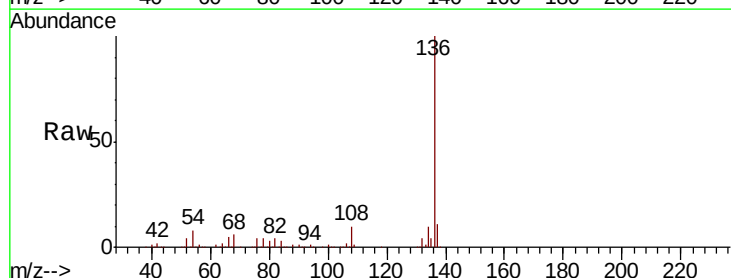
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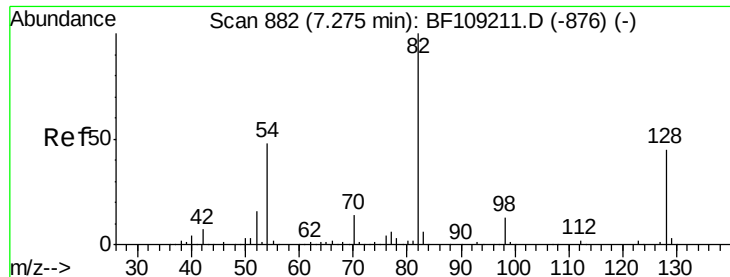
Tgt Ion:	70	Resp:	100981
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109316.D
Acq: 26 Sep 2018 5:11

Tgt Ion:	136	Resp:	404209
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.6	9.8
68	6.2	5.0	7.4

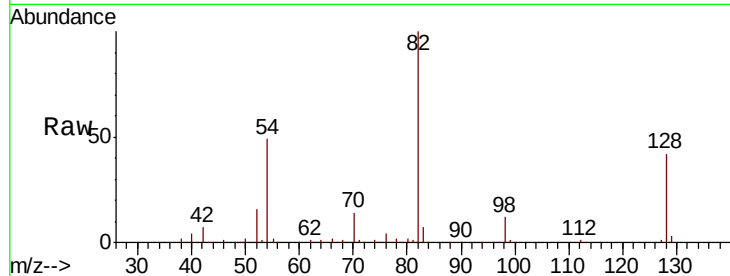




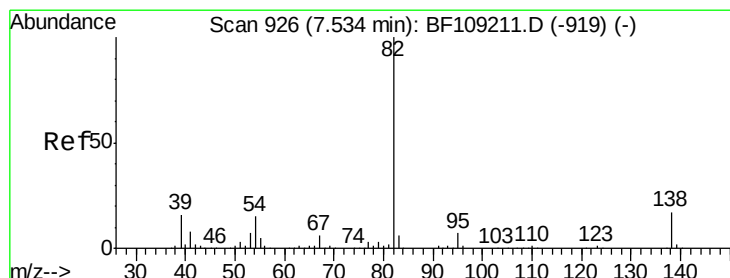
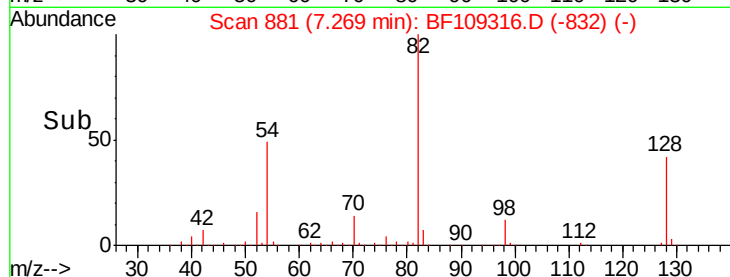
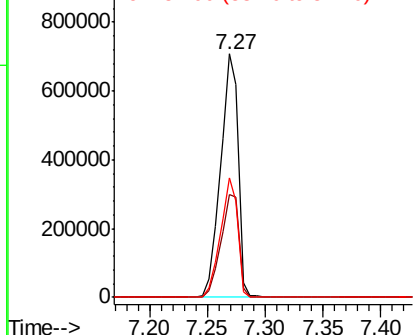
#23
 Nitrobenzene-d5
 Concen: 109.388 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-D-B

Tgt Ion: 82 Resp: 749018
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 49.3 41.4 62.2

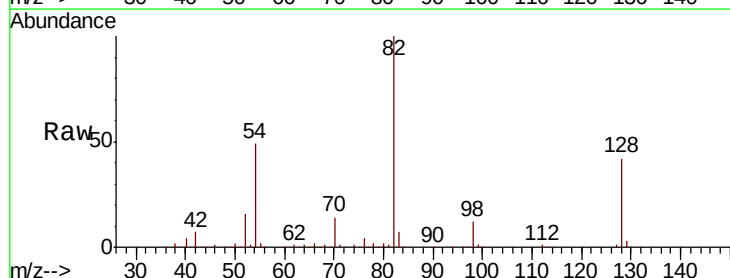


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

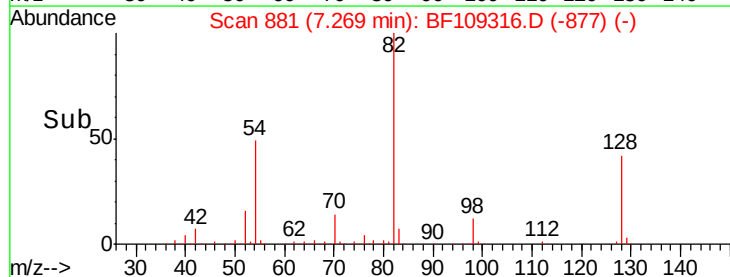
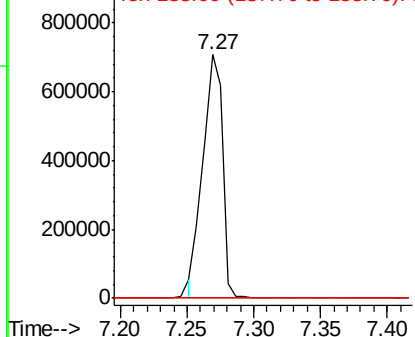


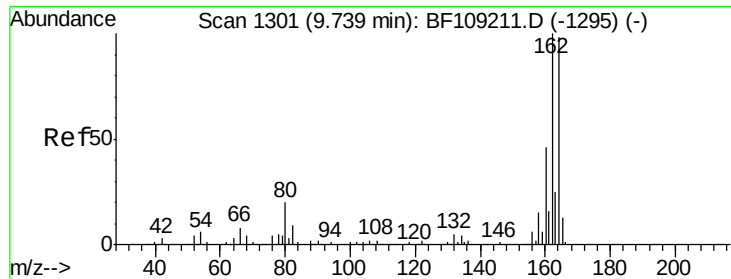
#25
 Isophorone
 Concen: 58.788 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion: 82 Resp: 724875
 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

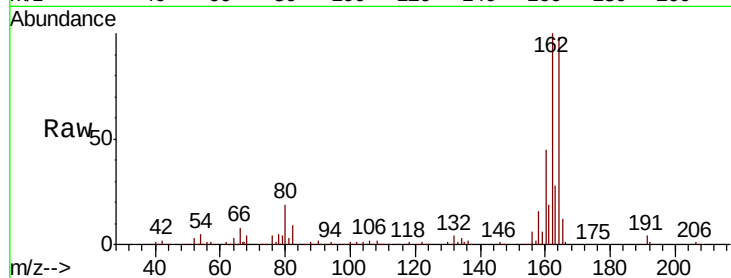




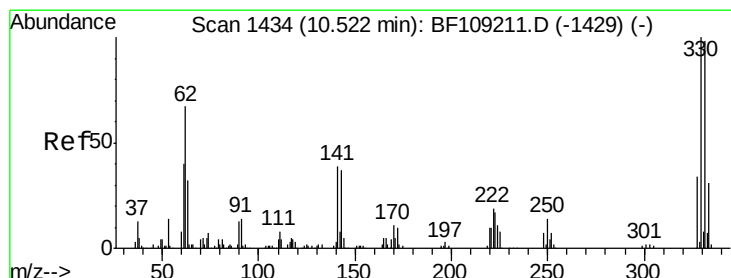
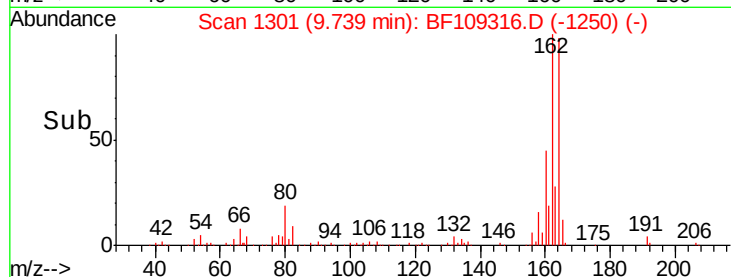
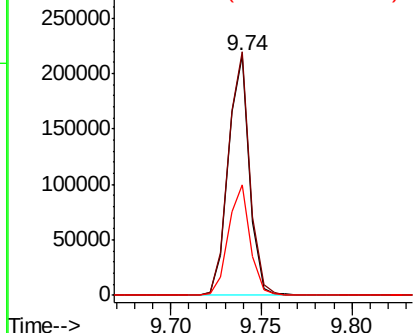
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

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Tgt Ion:164 Resp: 175462
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 46.0 38.3 57.5

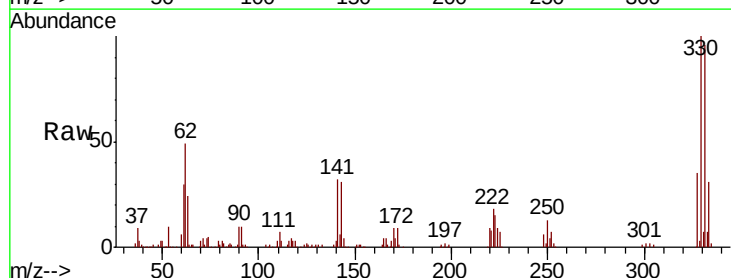


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

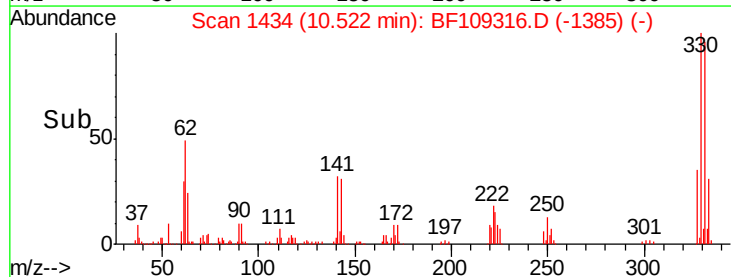
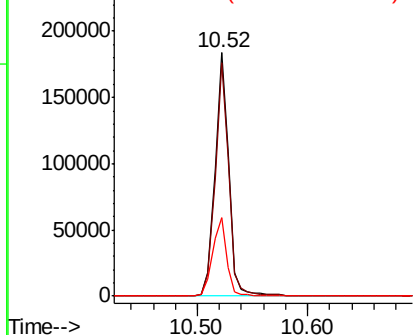


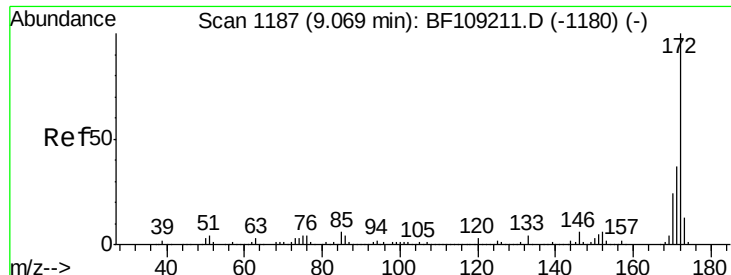
#41
 2,4,6-Tribromophenol
 Concen: 90.967 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion:330 Resp: 157344
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 32.9 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

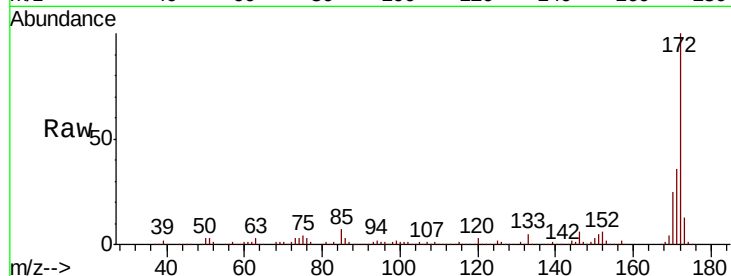




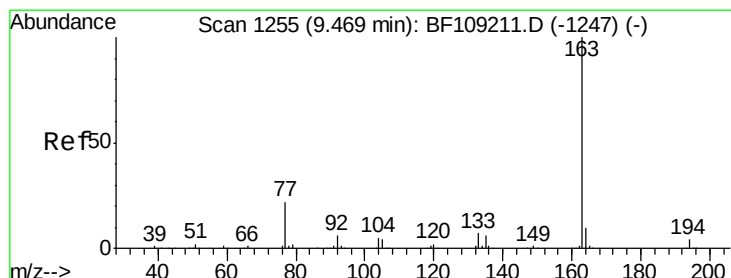
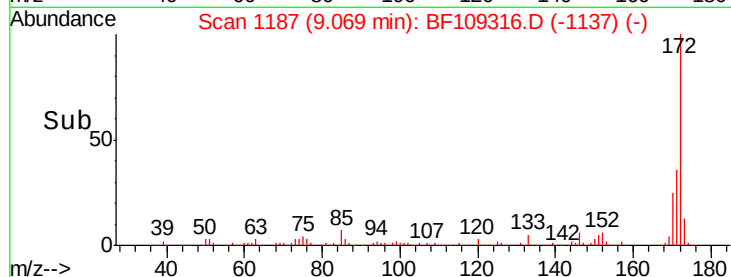
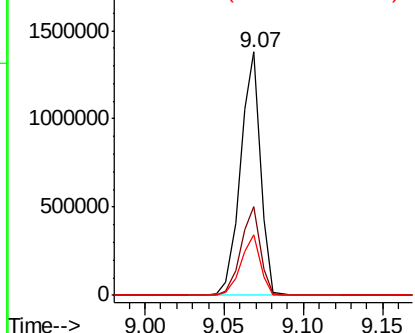
#44
 2-Fluorobiphenyl
 Concen: 102.808 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

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Tgt Ion:172 Resp: 1196066
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.8 19.6 29.4

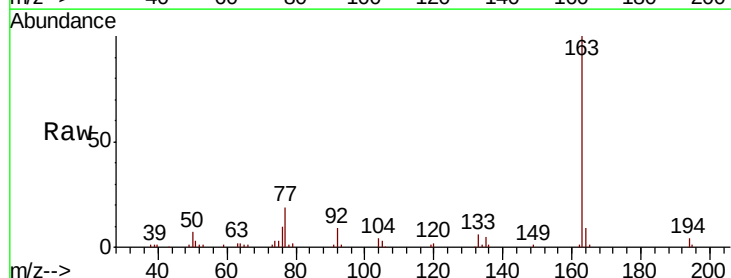


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

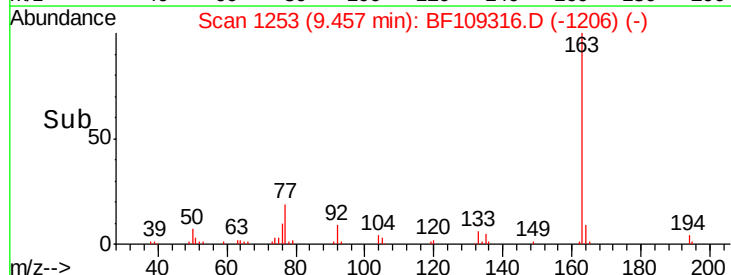
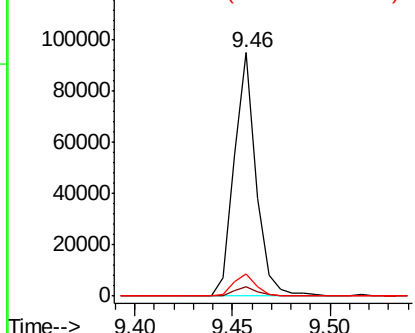


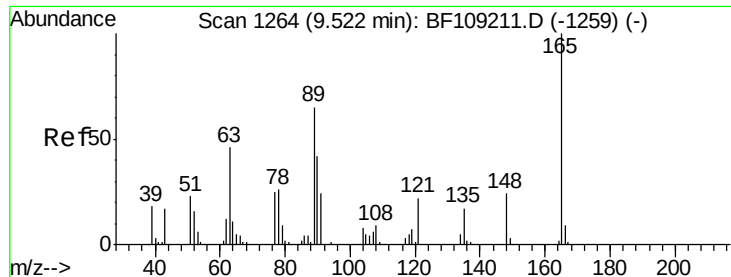
#49
 Dimethylphthalate
 Concen: 5.823 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion:163 Resp: 74308
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 9.1 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

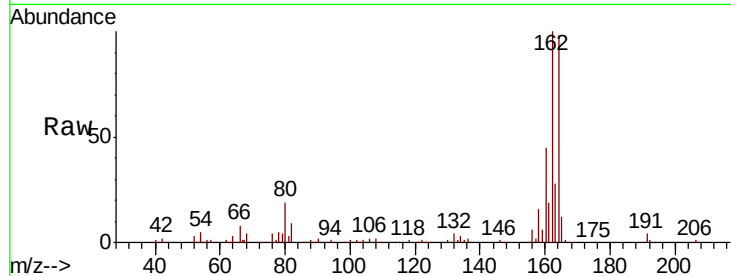




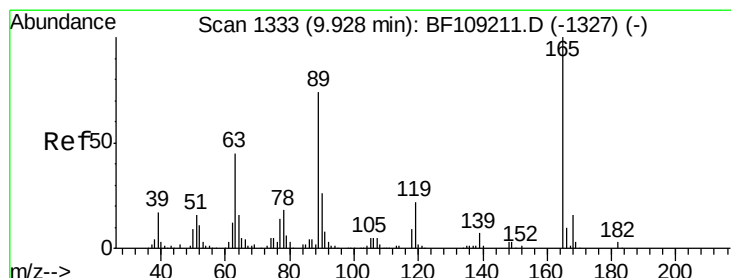
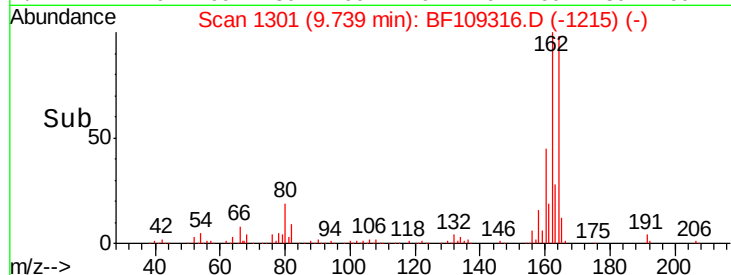
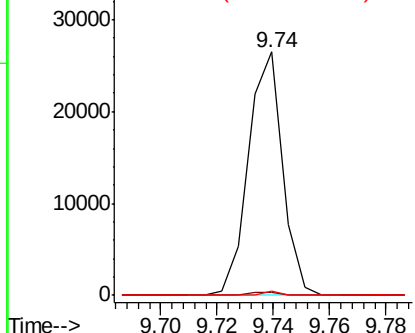
#50
 2,6-Dinitrotoluene
 Concen: 8.769 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Instrument :
 BNA_F
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 092018-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.7	44.0	66.0#



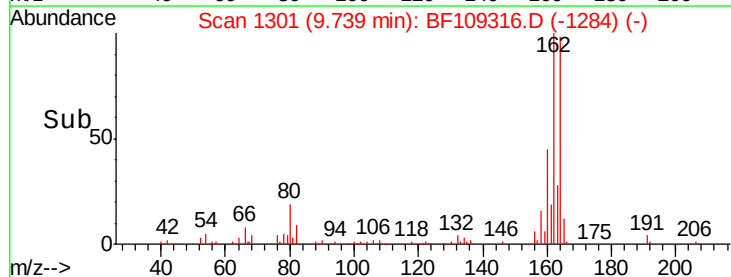
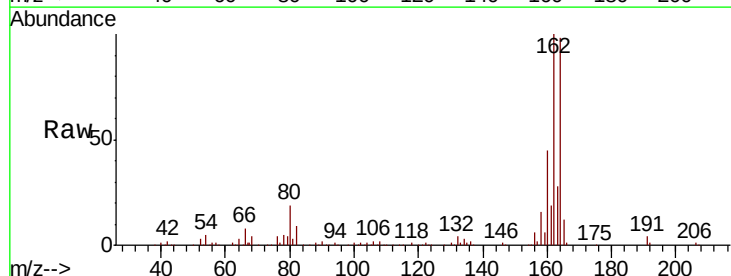
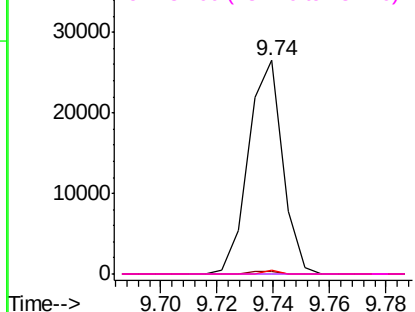
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

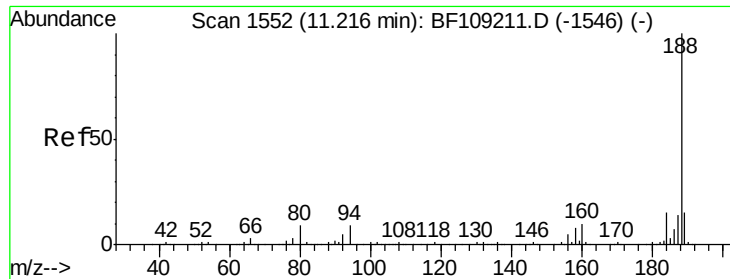


#56
 2,4-Dinitrotoluene
 Concen: 6.931 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

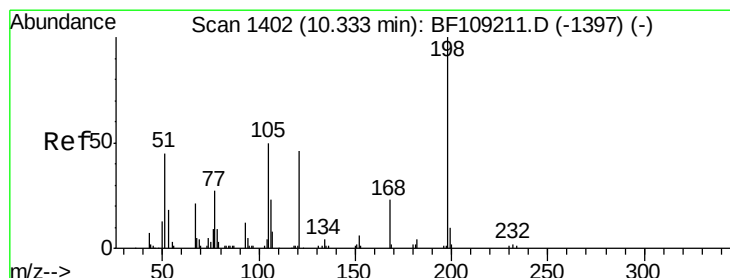
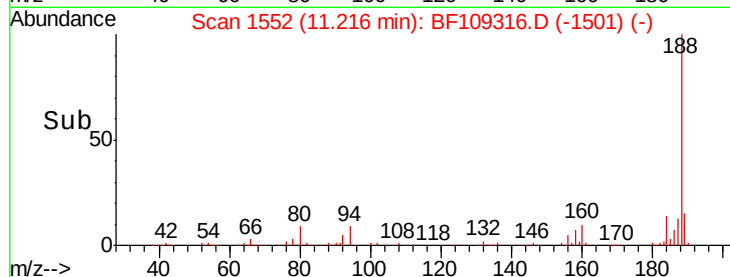
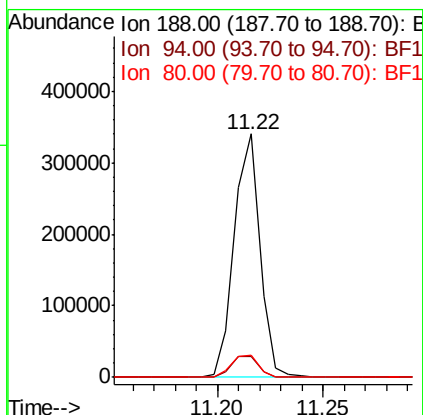
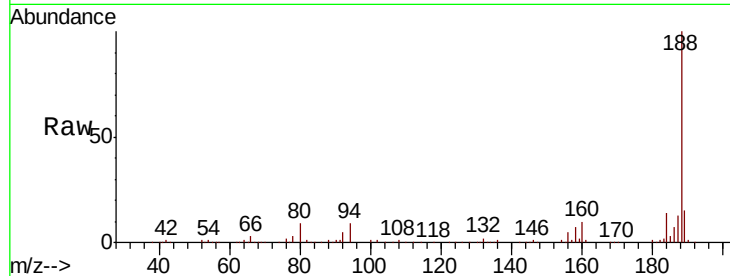




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

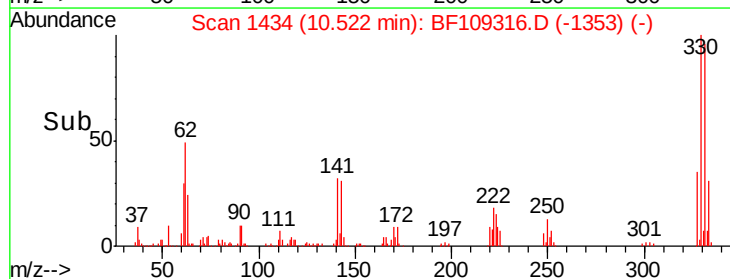
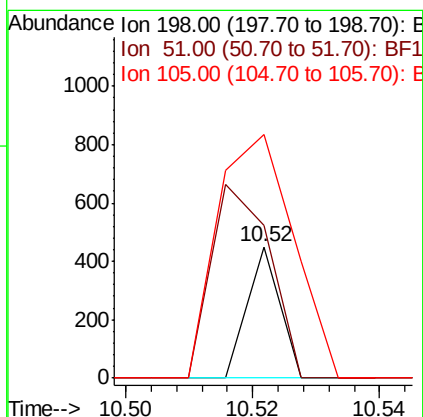
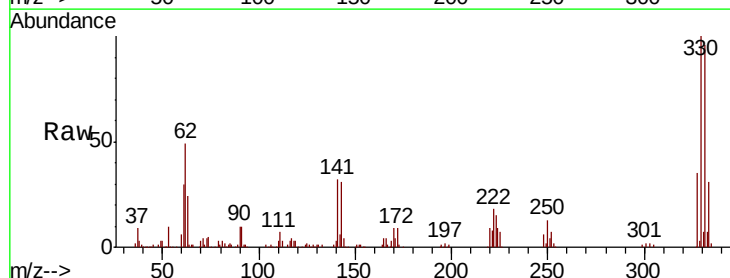
Instrument :
 BNA_F
 ClientSampleId :
 092018-DBRI-E-D-B

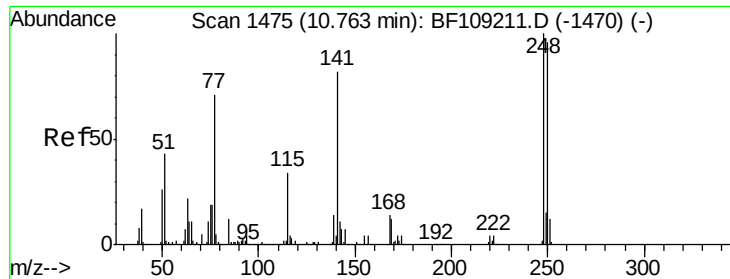
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	285663		
94	8.6		8.5	12.7
80	9.0		9.2	13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.640 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109316.D
 Acq: 26 Sep 2018 5:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	159		
51	116.4		37.7	77.7#
105	185.3		36.3	76.3#

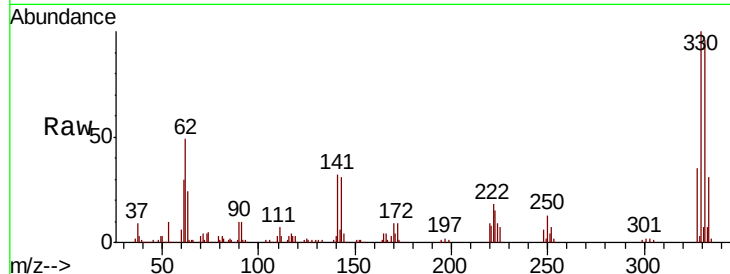




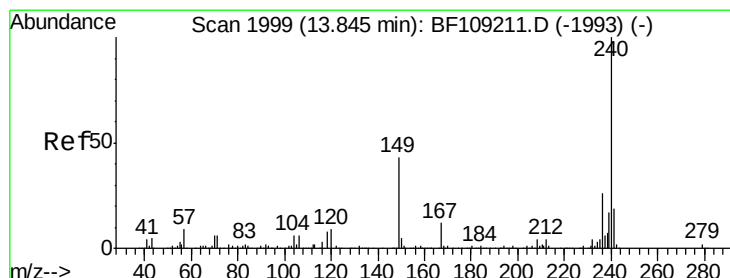
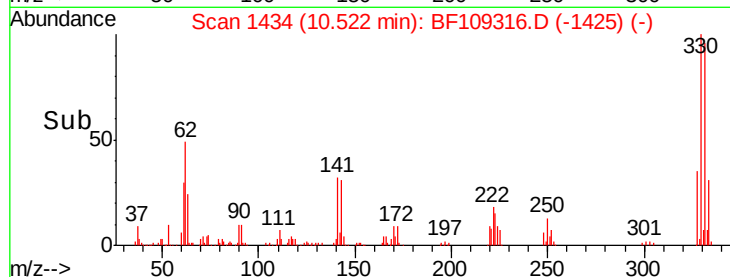
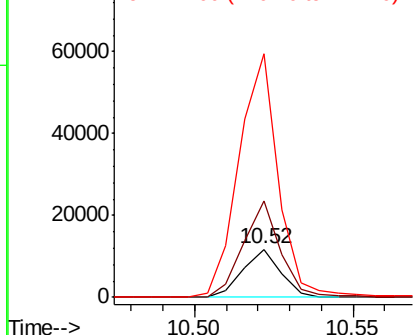
#66
4-Bromophenyl-phenylether
Concen: 2.999 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109316.D
Acq: 26 Sep 2018 5:11

Instrument :
BNA_F
ClientSampleId :
092018-DBRI-E-D-B

Tgt Ion:248 Resp: 9513
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 507.7 74.4 111.6#

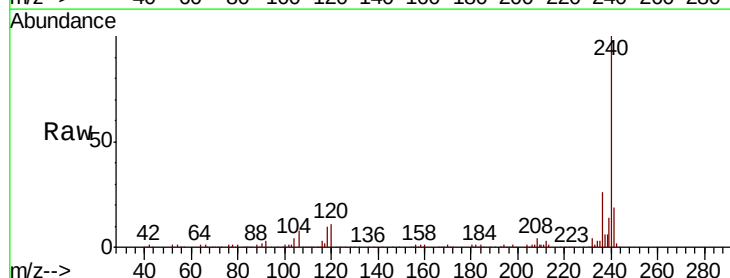


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

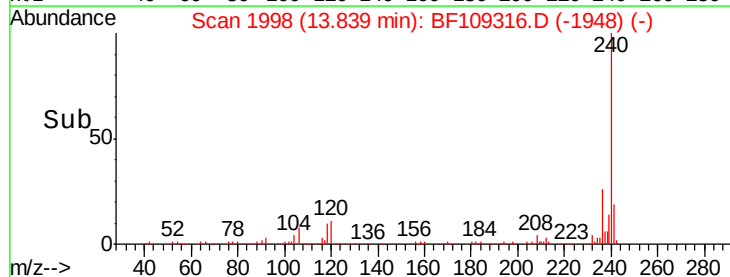
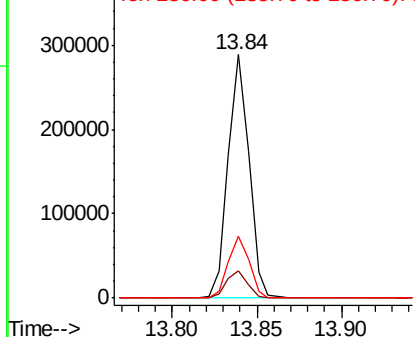


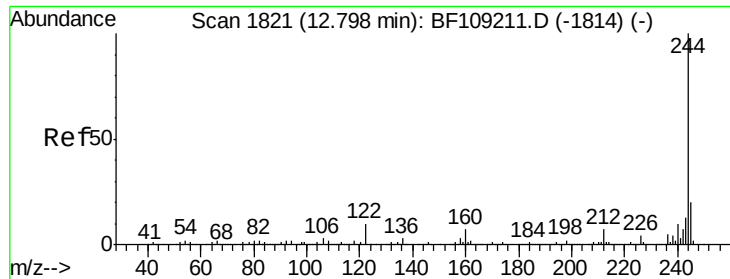
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109316.D
Acq: 26 Sep 2018 5:11

Tgt Ion:240 Resp: 248797
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.5 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: 104.727 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109316.D

Acq: 26 Sep 2018 5:11

Instrument :

BNA_F

ClientSampleId :

092018-DBRI-E-D-B

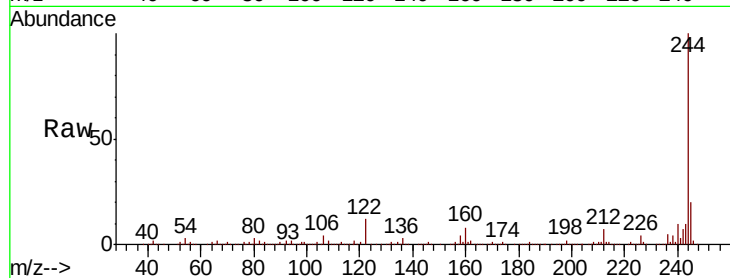
Tgt Ion:244 Resp: 1061694

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

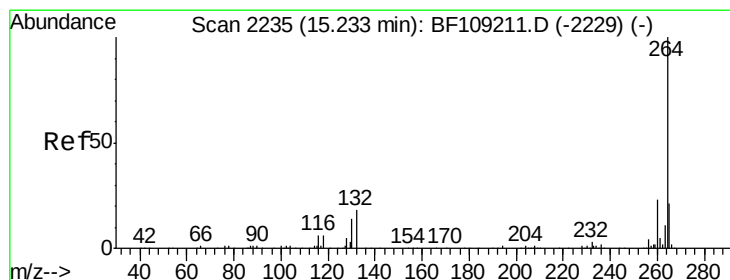
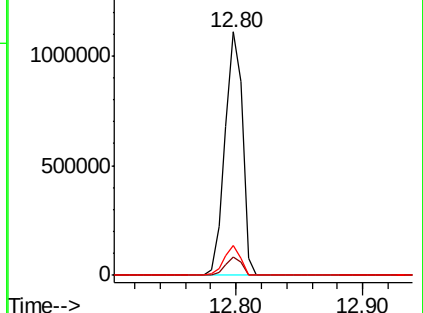
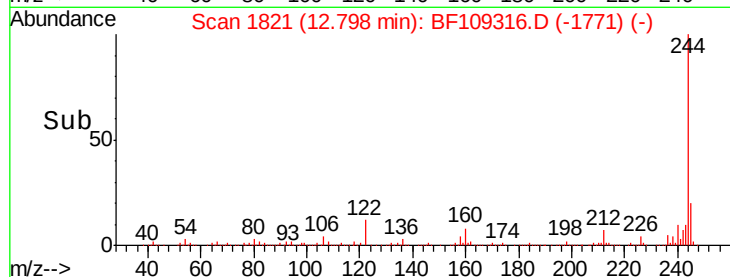
122 12.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109316.D

Acq: 26 Sep 2018 5:11

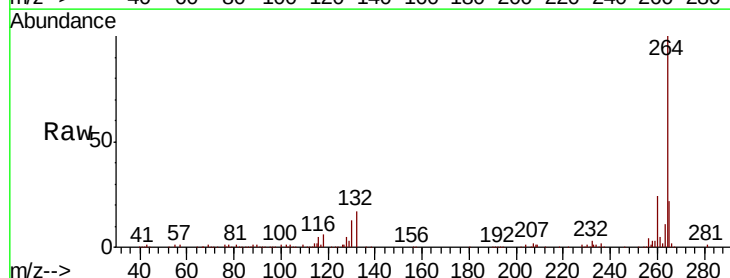
Tgt Ion:264 Resp: 179213

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 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

