

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109026.D
 Acq On : 15 Sep 2018 5:57
 Operator : JU/SJ
 Sample : J4901-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Quant Time: Sep 15 06:55:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153069	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574955	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287079	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	562728	20.00	ng	0.00
75) Chrysene-d12	13.85	240	437636	20.00	ng	-0.01
86) Perylene-d12	15.25	264	413730	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	359673	39.03	ng	0.00
7) Phenol-d6	6.34	99	305412	25.70	ng	-0.02
23) Nitrobenzene-d5	7.28	82	919385	89.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	270126	86.70	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1525557	83.26	ng	0.00
78) Terphenyl-d14	12.81	244	1719717	93.14	ng	0.00

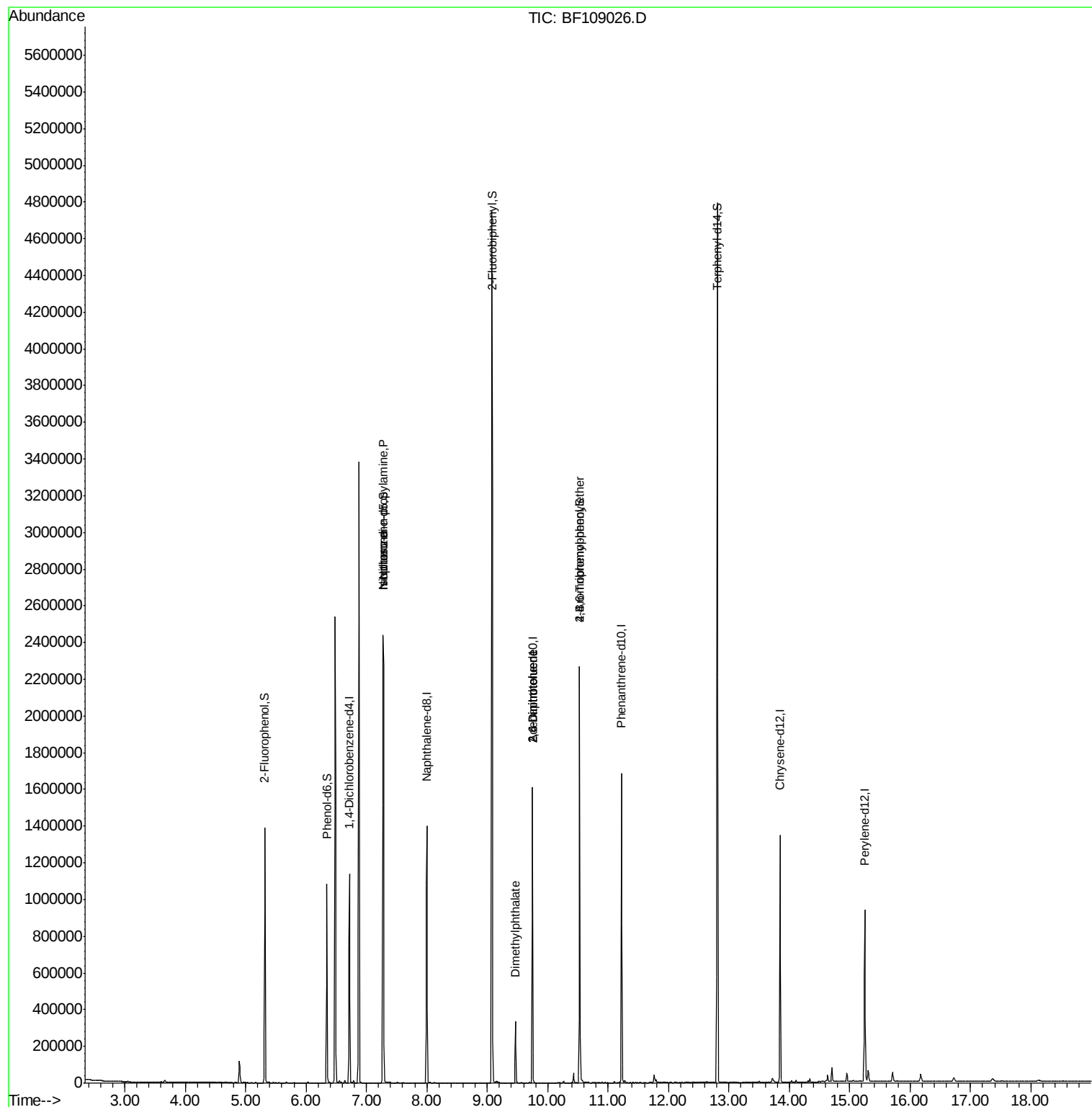
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	124177	15.808	ng	# 77
25) Isophorone	7.28	82	913222	51.826	ng	# 64
49) Dimethylphthalate	9.47	163	120646	5.880	ng	100
50) 2,6-Dinitrotoluene	9.75	165	36464	8.013	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	36464	6.127	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	16670	2.628	ng	# 1

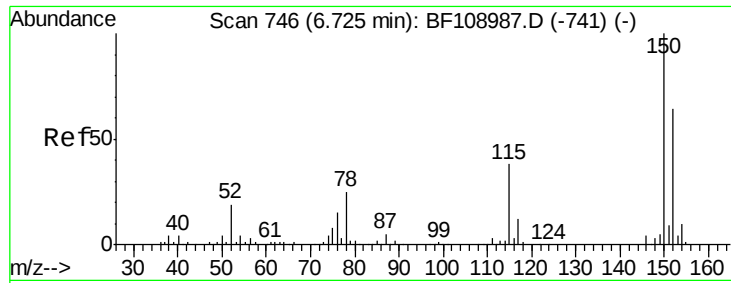
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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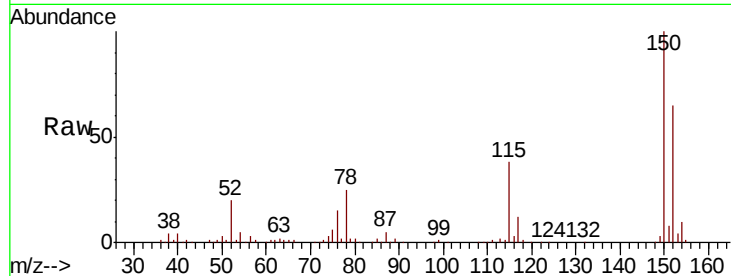




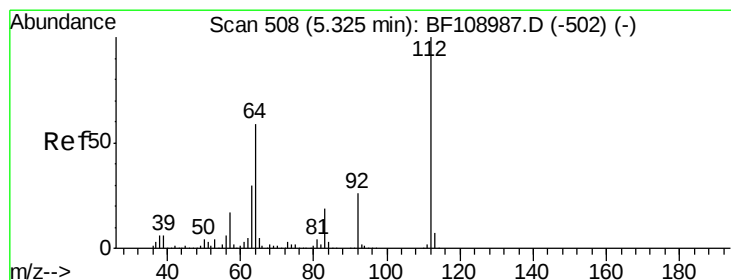
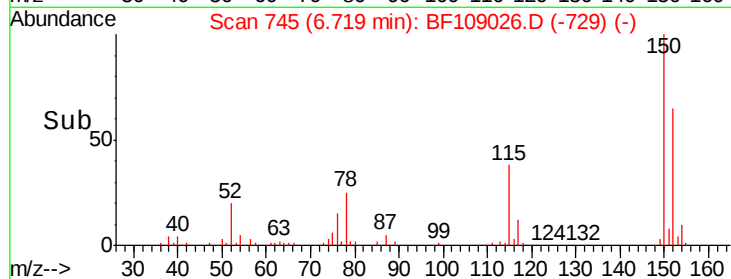
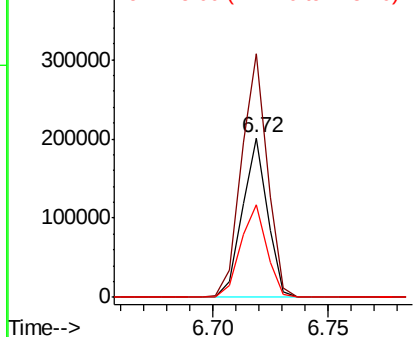
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Tgt Ion:152 Resp: 153069
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 58.5 50.1 75.1

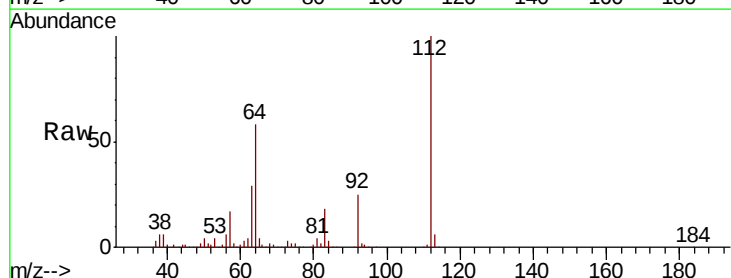


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

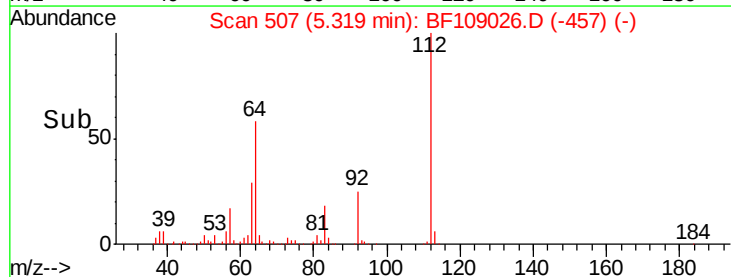
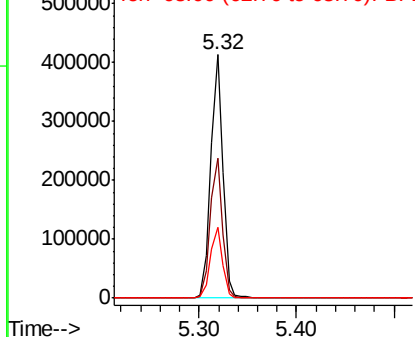


#5
 2-Fluorophenol
 Concen: 39.027 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion:112 Resp: 359673
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 29.0 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: 25.700 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

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091218-DBRI-F-U-M

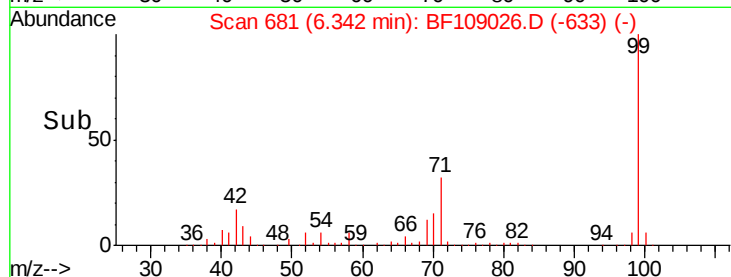
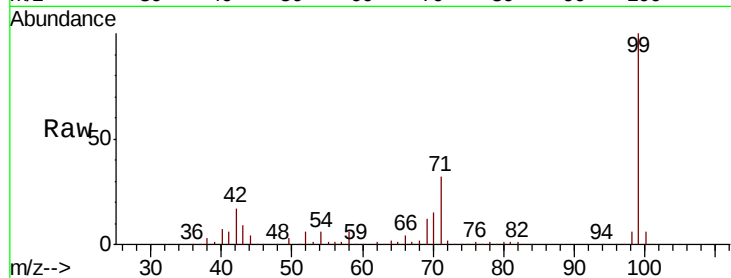
Tgt Ion: 99 Resp: 305412

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

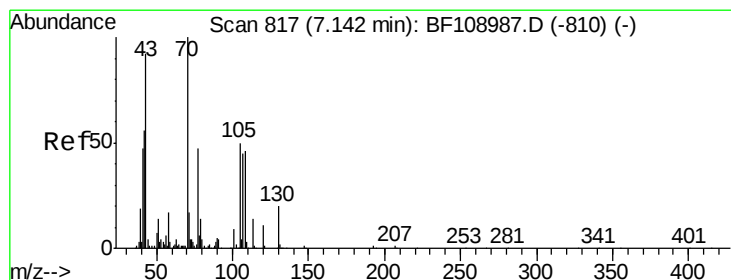
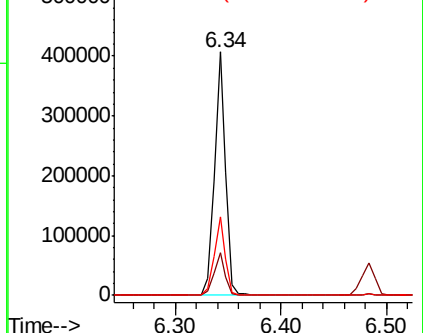
71 32.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.808 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Tgt Ion: 70 Resp: 124177

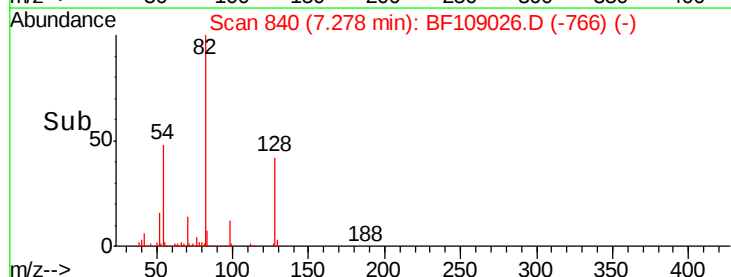
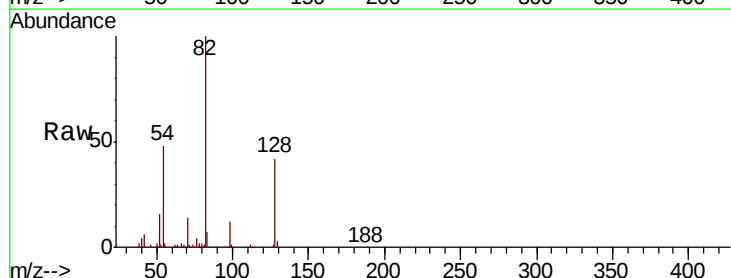
Ion Ratio Lower Upper

70 100

42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

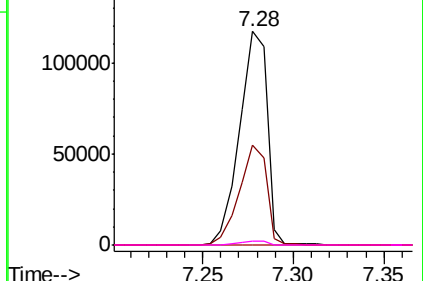


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

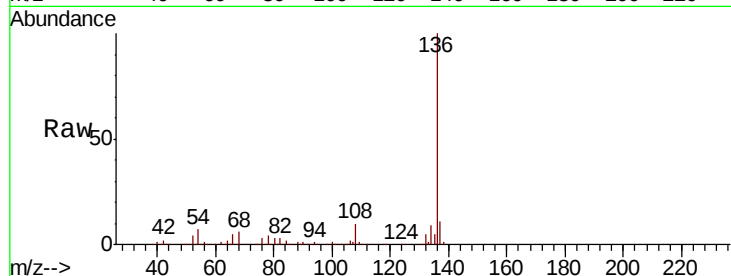




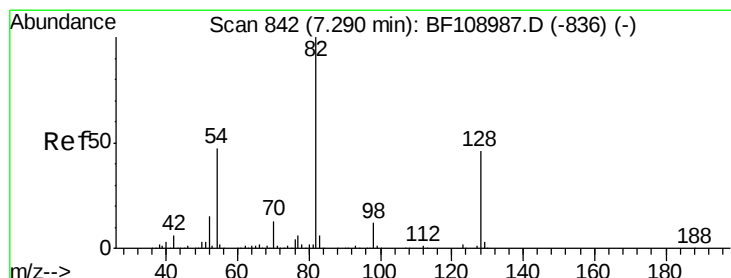
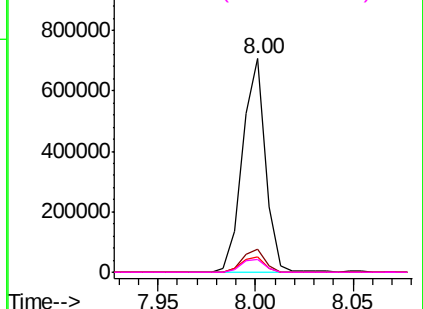
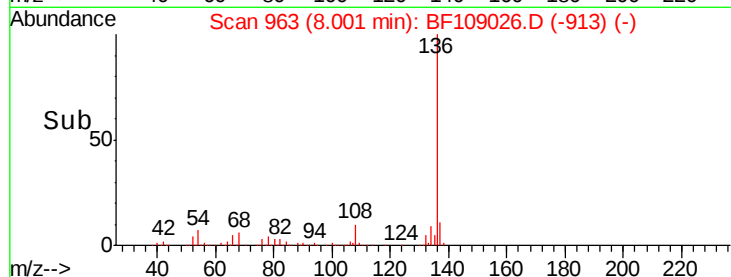
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109026.D
Acq: 15 Sep 2018 5:57

Instrument :
BNA_F
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091218-DBRI-F-U-M

Tgt Ion:	136	Resp:	574955
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

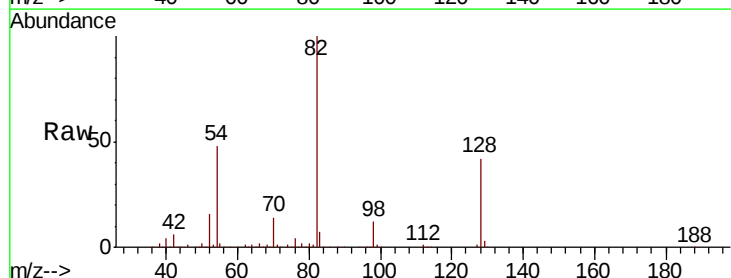


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

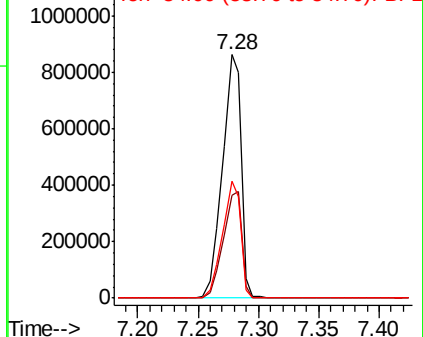
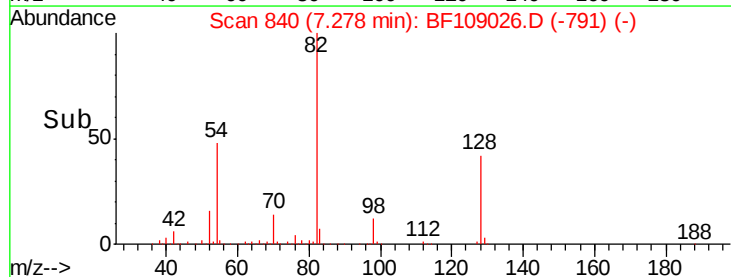


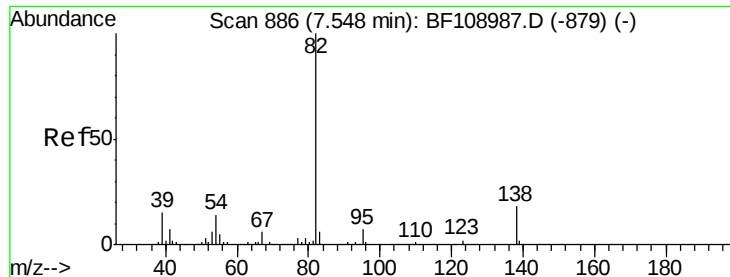
#23
Nitrobenzene-d5
Concen: 89.688 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109026.D
Acq: 15 Sep 2018 5:57

Tgt Ion:	82	Resp:	919385
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	48.1	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: 51.826 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

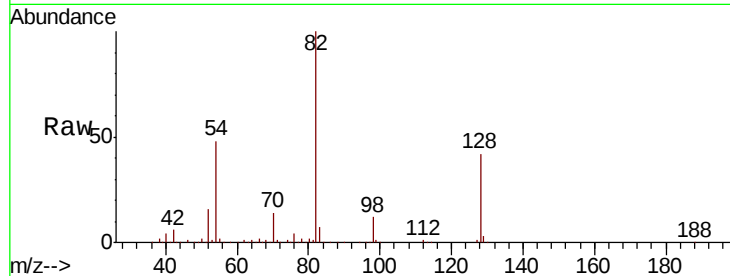
Tgt Ion: 82 Resp: 913222

Ion Ratio Lower Upper

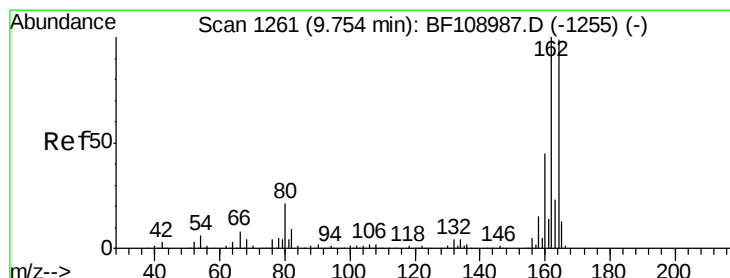
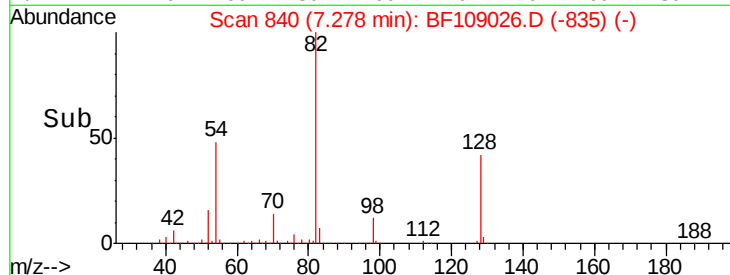
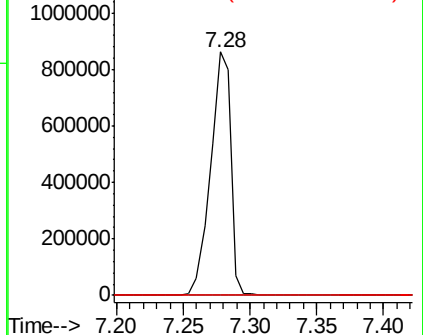
82 100

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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

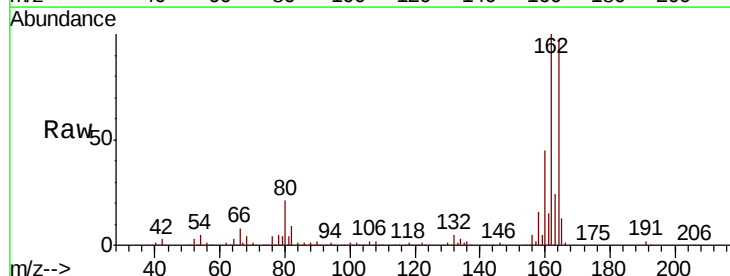
Tgt Ion: 164 Resp: 287079

Ion Ratio Lower Upper

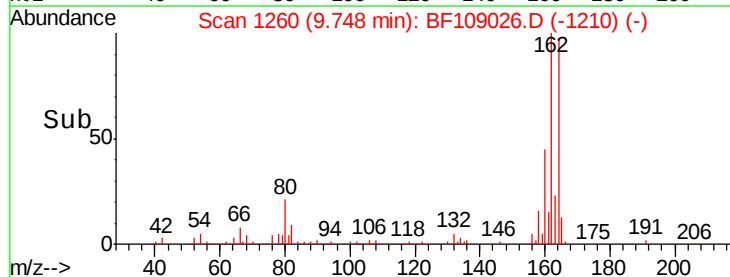
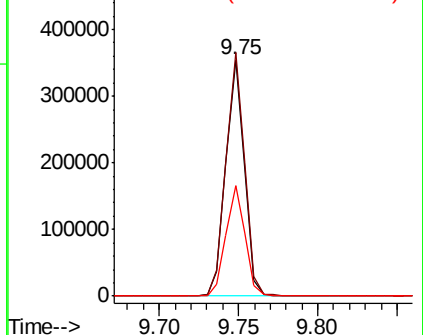
164 100

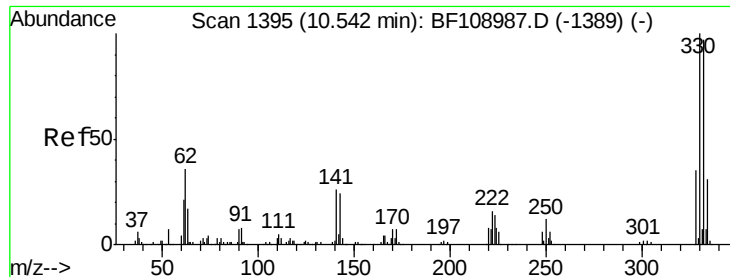
162 103.2 86.1 129.1

160 46.6 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

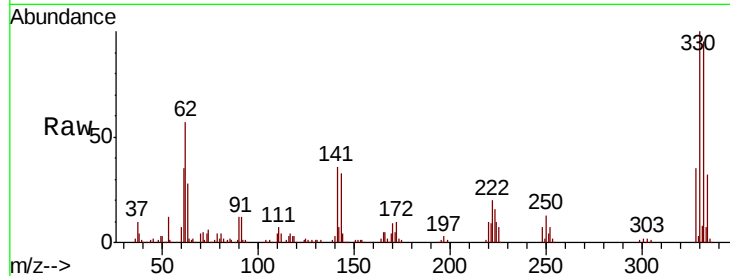




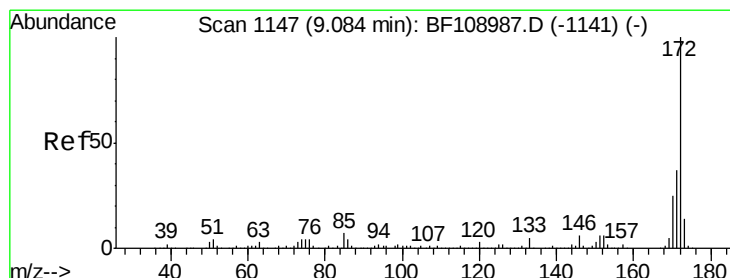
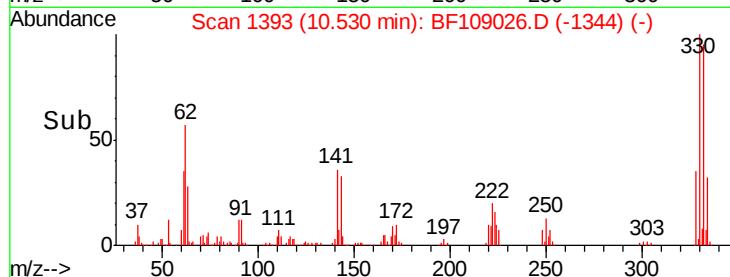
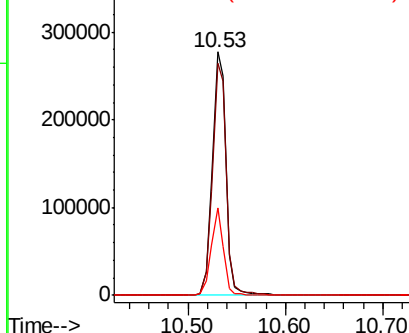
#41
 2,4,6-Tribromophenol
 Concen: 86.702 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.5	29.9	44.9

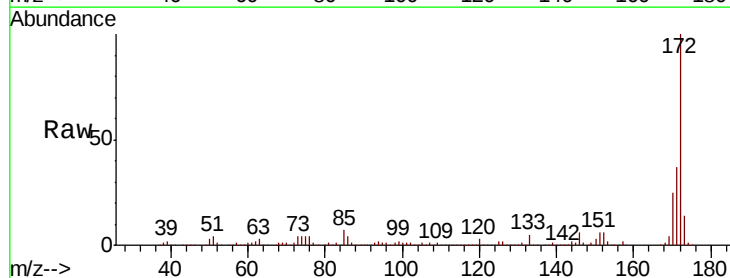


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

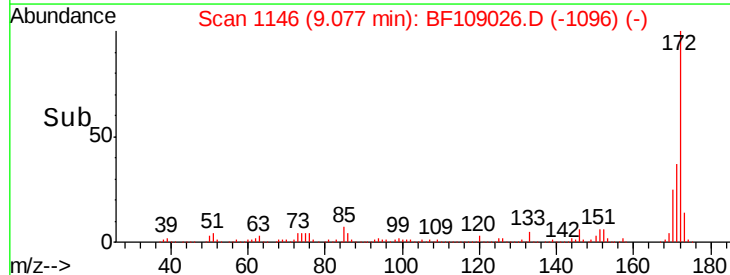
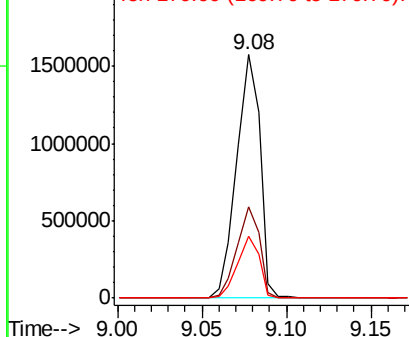


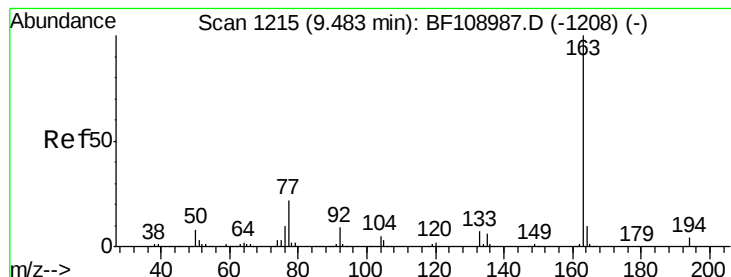
#44
 2-Fluorobiphenyl
 Concen: 83.257 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.2	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: 5.880 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

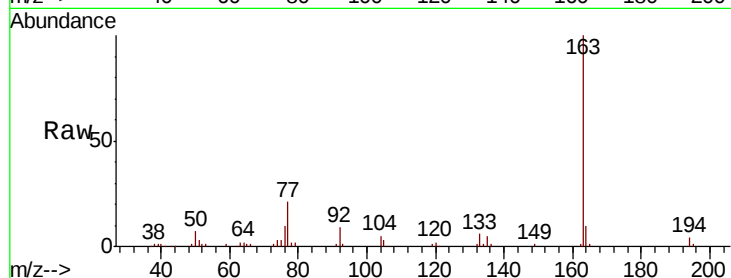
Tgt Ion:163 Resp: 120646

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

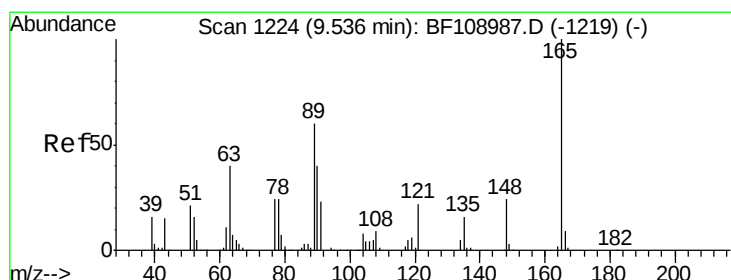
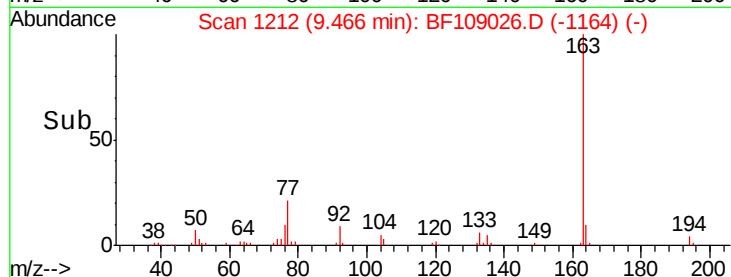
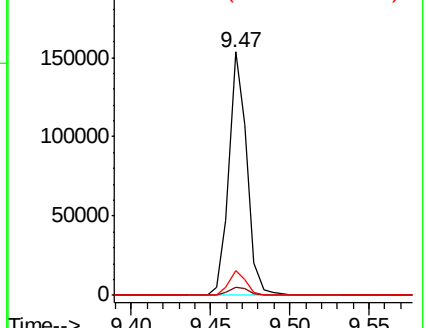
164 10.2 8.2 12.2



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: 8.013 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.21 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

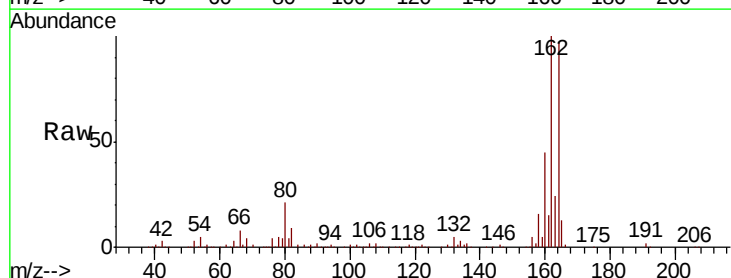
Tgt Ion:165 Resp: 36464

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

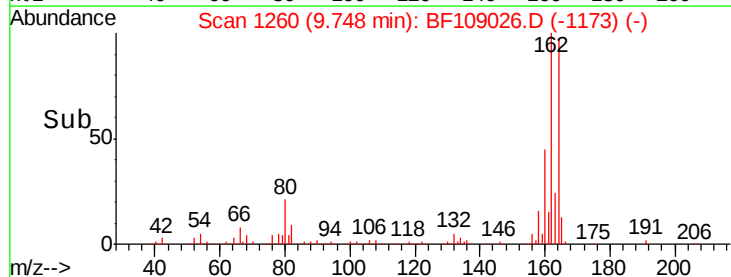
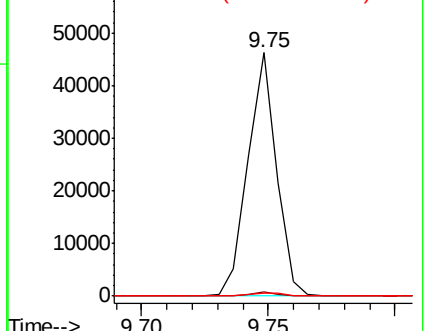
89 1.4 44.0 66.0#

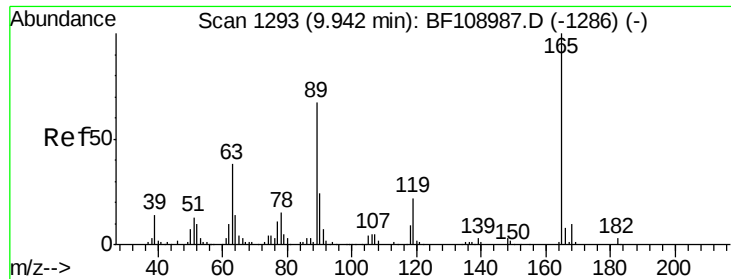


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

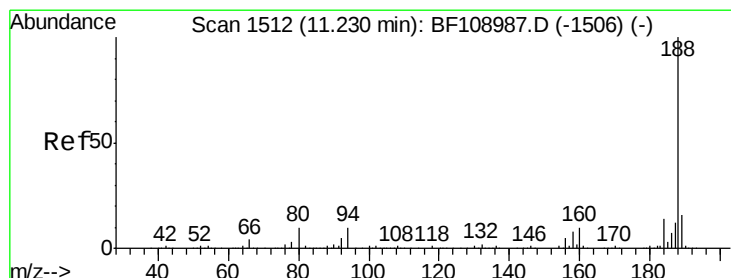
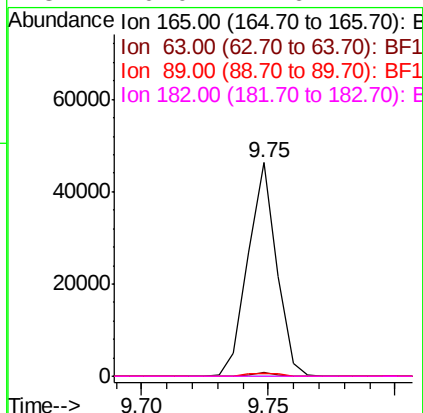
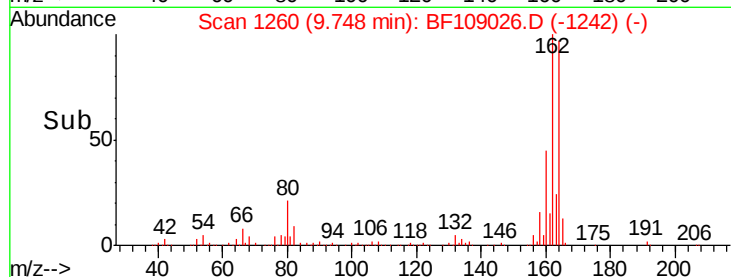
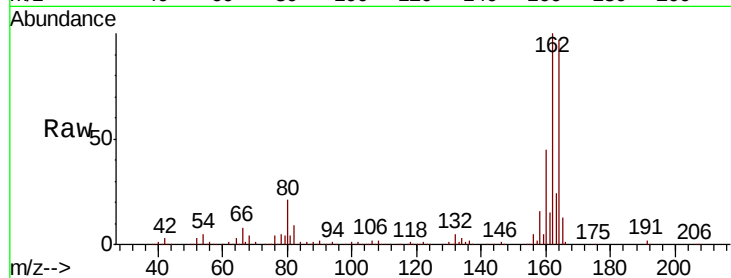




#56
 2,4-Dinitrotoluene
 Concen: 6.127 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

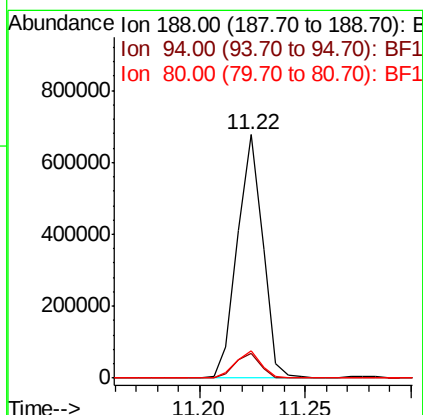
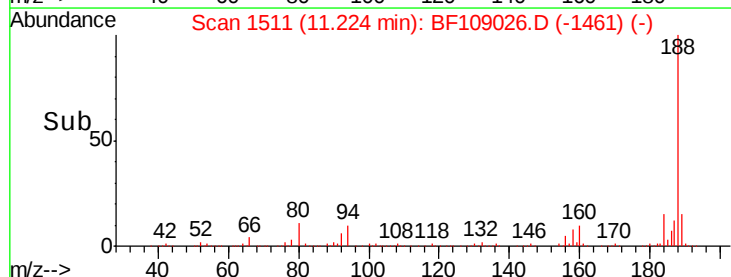
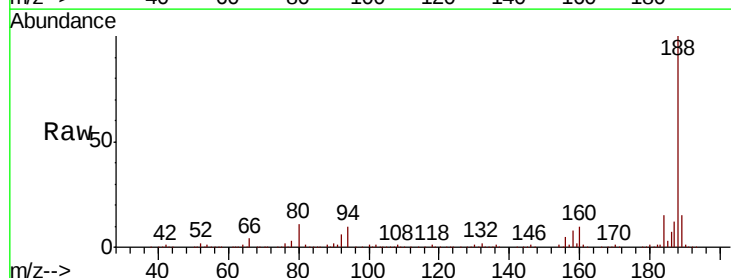
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 ClientSampleId :
 091218-DBRI-F-U-M

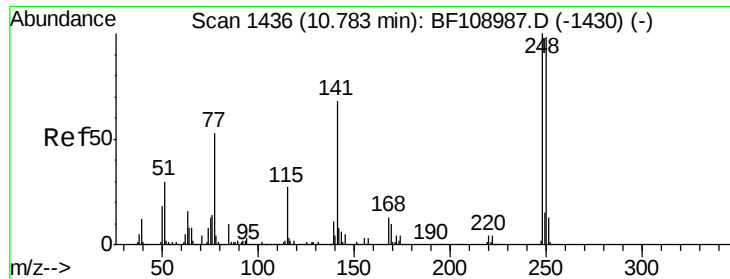
Tgt Ion:	165	Resp:	36464
Ion Ratio	Lower	Upper	
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion:	188	Resp:	562728
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

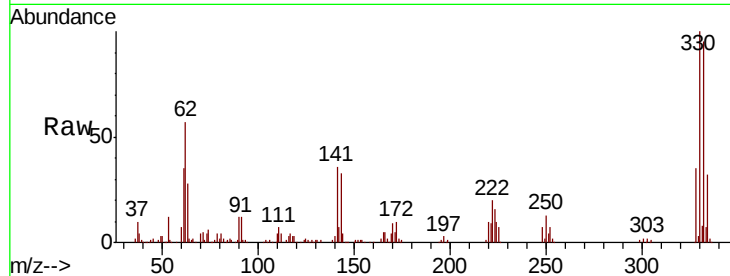




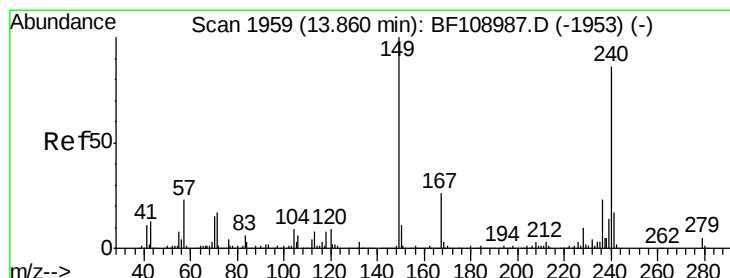
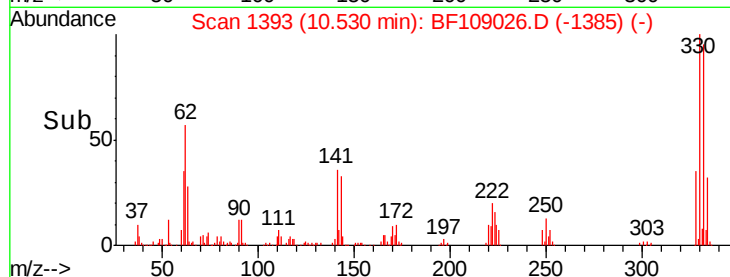
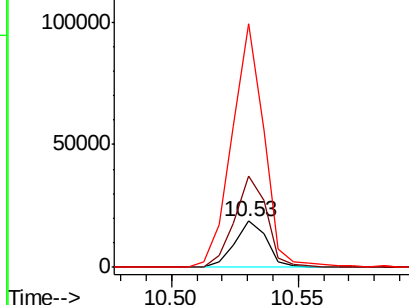
#66
 4-Bromophenyl-phenylether
 Concen: 2.628 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 091218-DBRI-F-U-M

Tgt Ion: 248 Resp: 16670
 Ion Ratio Lower Upper
 248 100
 250 198.7 76.9 115.3#
 141 527.0 74.4 111.6#

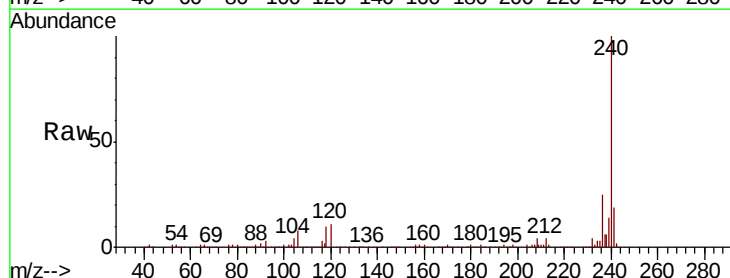


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

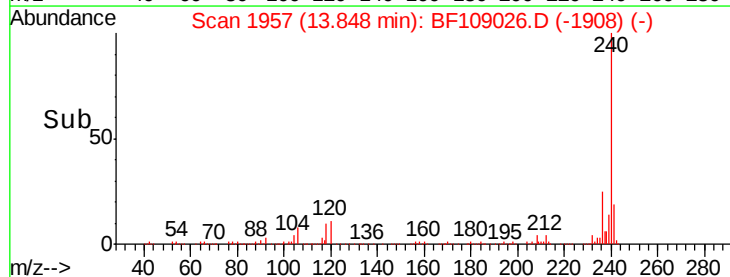
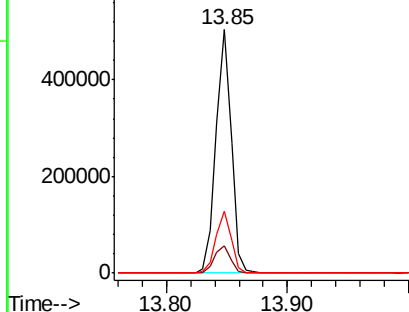


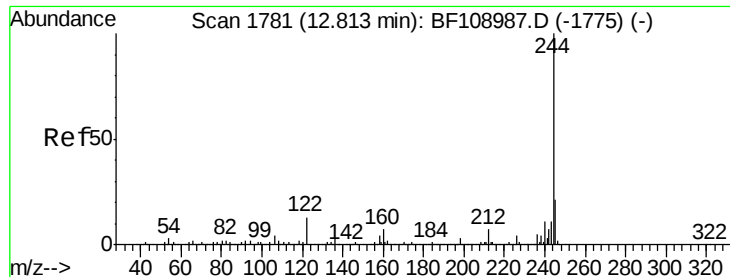
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109026.D
 Acq: 15 Sep 2018 5:57

Tgt Ion: 240 Resp: 437636
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.5 14.3
 236 25.3 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: 93.141 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

Instrument :

BNA_F

ClientSampleId :

091218-DBRI-F-U-M

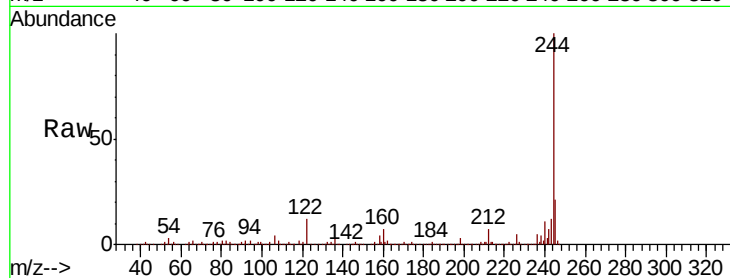
Tgt Ion:244 Resp: 1719717

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

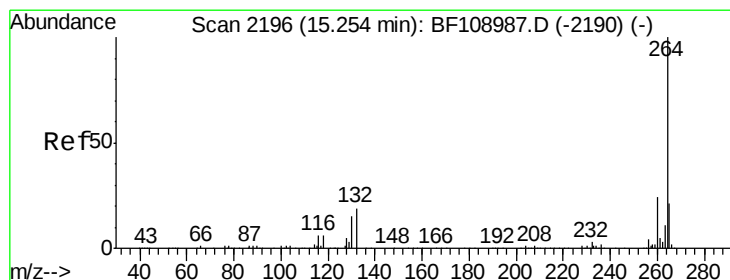
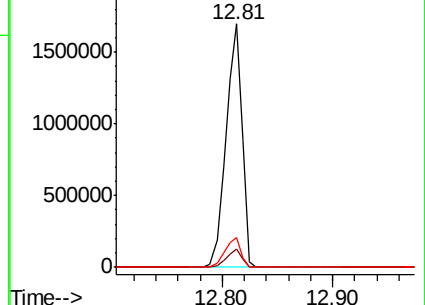
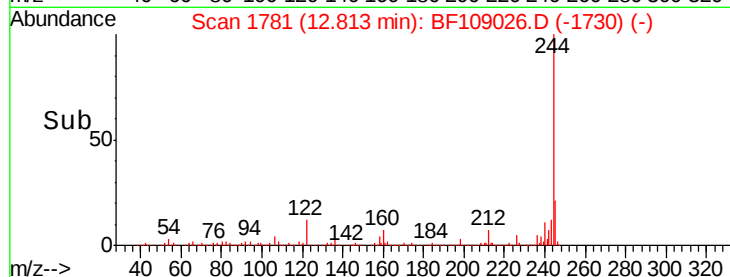
122 12.2 11.0 16.4



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: 15.25 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF109026.D

Acq: 15 Sep 2018 5:57

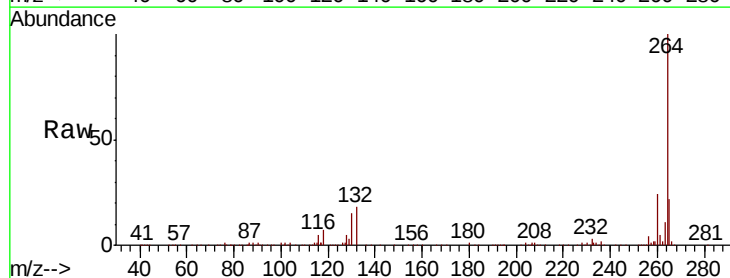
Tgt Ion:264 Resp: 413730

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

