

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108616.D
 Acq On : 29 Aug 2018 20:34
 Operator : JU/SJ
 Sample : J4683-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-D-B

Quant Time: Aug 30 01:10:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

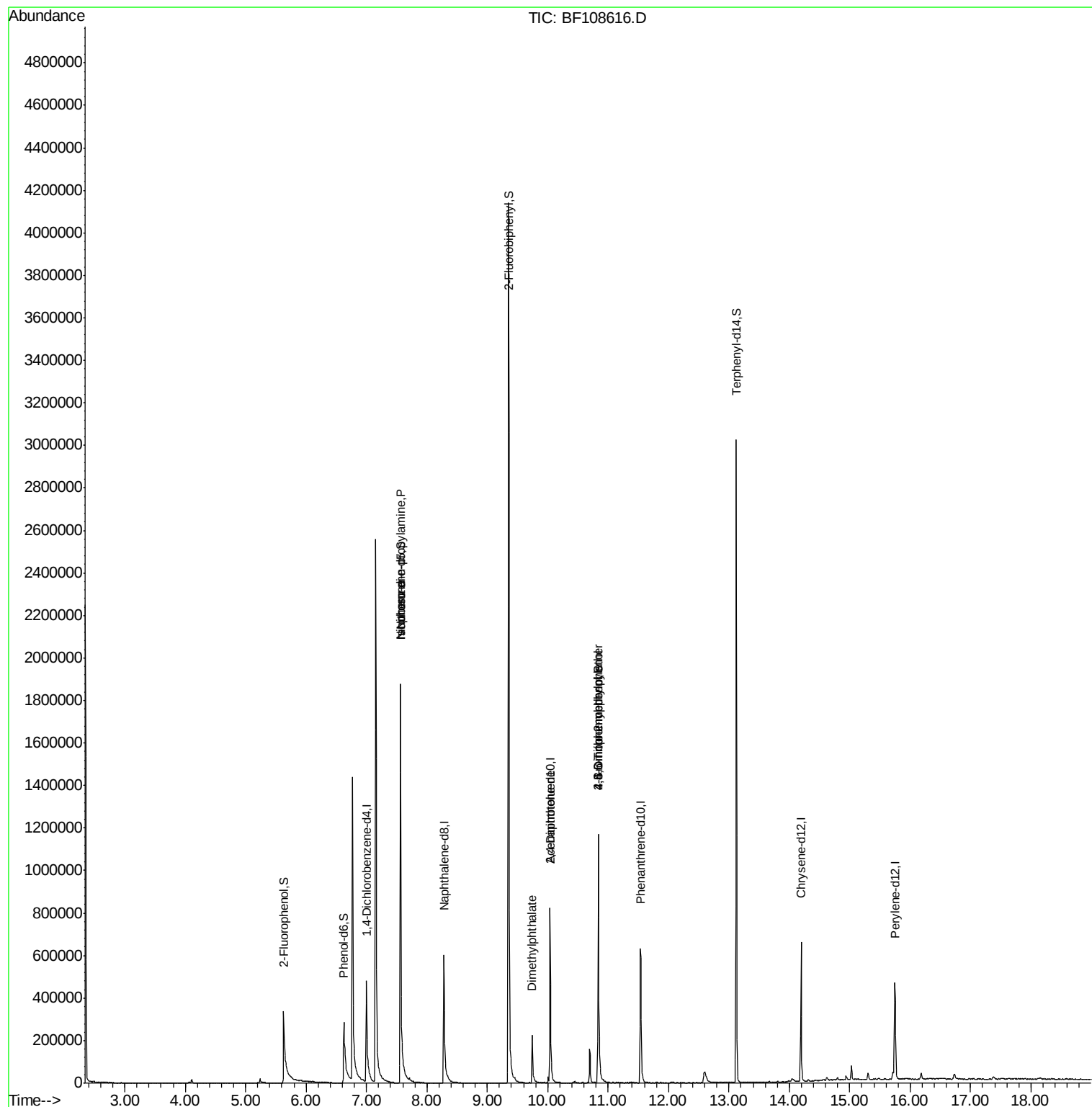
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	118056	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	439400	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	196645	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	319010	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	262962	20.00	ng	0.00
86) Perylene-d12	15.75	264	255215	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241447	37.03	ng	0.00
7) Phenol-d6	6.62	99	244347	28.20	ng	0.00
23) Nitrobenzene-d5	7.57	82	820730	104.23	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	187055	95.36	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1500507	122.51	ng	-0.01
78) Terphenyl-d14	13.12	244	1038273	100.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	107084	18.275	ng	# 82
25) Isophorone	7.57	82	820724	54.683	ng	# 64
49) Dimethylphthalate	9.74	163	134233	9.800	ng	98
56) 2,4-Dinitrotoluene	10.04	165	24723	6.702	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	248	5.543	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12111	3.493	ng	# 1

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

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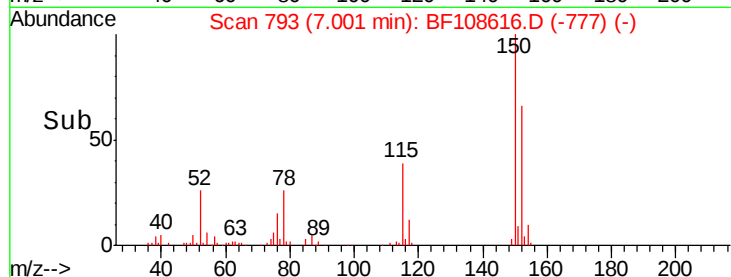
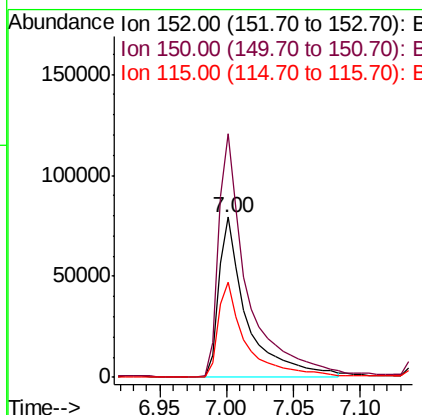
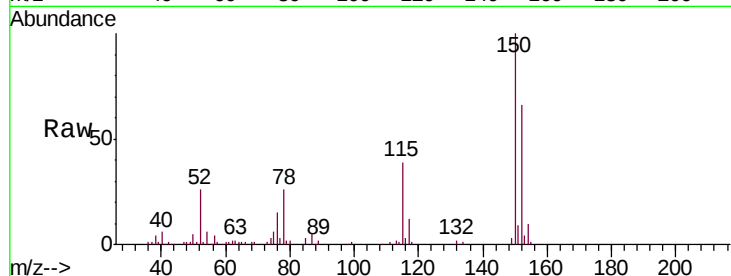


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108616.D
Acq: 29 Aug 2018 20:34

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-D-B

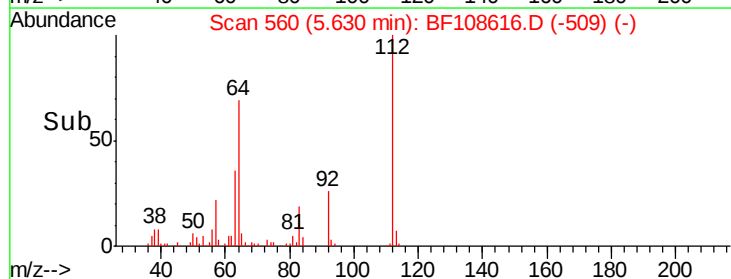
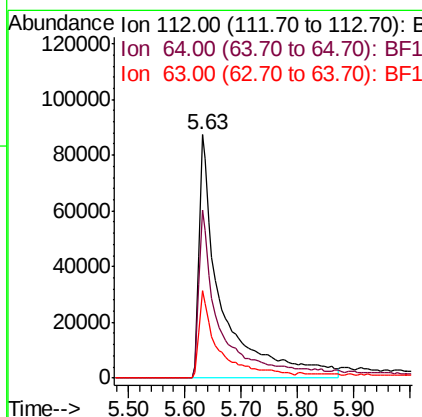
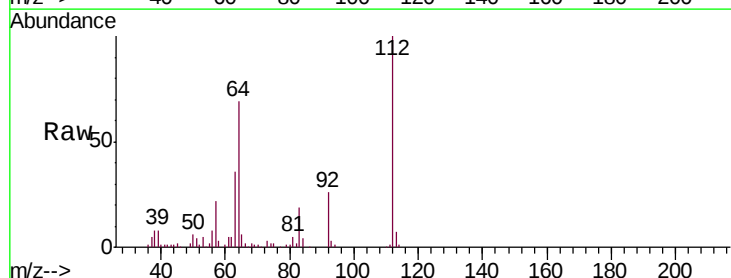
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	59.5	50.1	75.1



#5

2-Fluorophenol
Concen: 37.027 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108616.D
Acq: 29 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.0	23.7	35.5





#7

Phenol-d6

Concen: 28.198 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-B

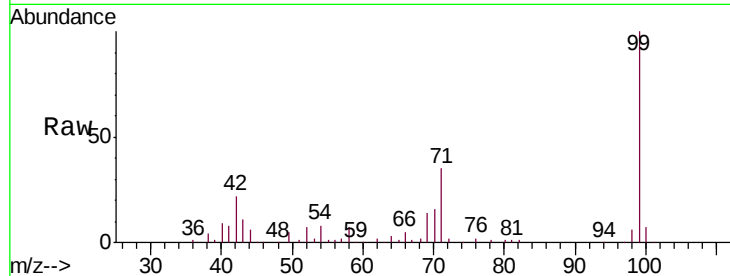
Tgt Ion: 99 Resp: 244347

Ion Ratio Lower Upper

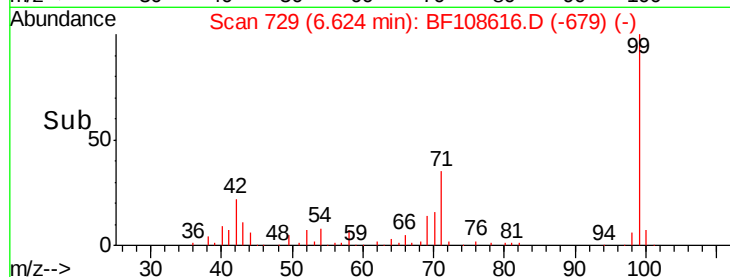
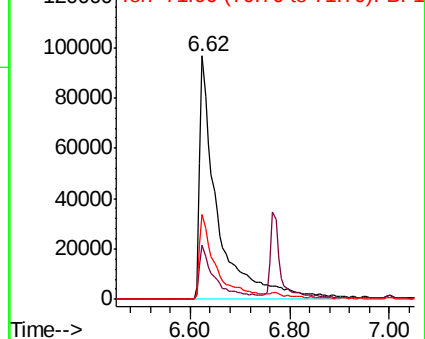
99 100

42 22.3 14.5 21.7#

71 34.8 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: 18.275 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

Tgt Ion: 70 Resp: 107084

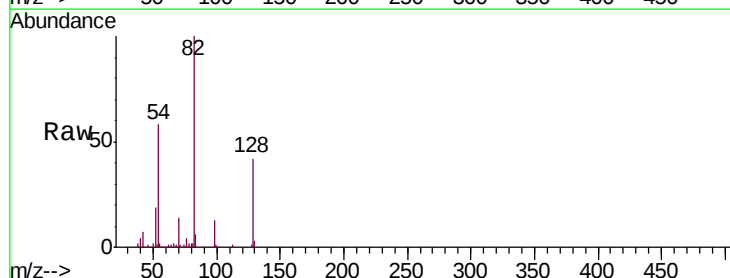
Ion Ratio Lower Upper

70 100

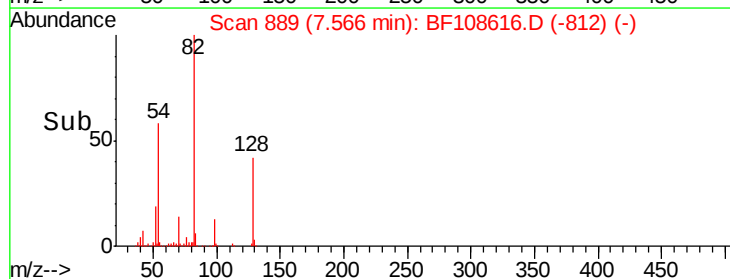
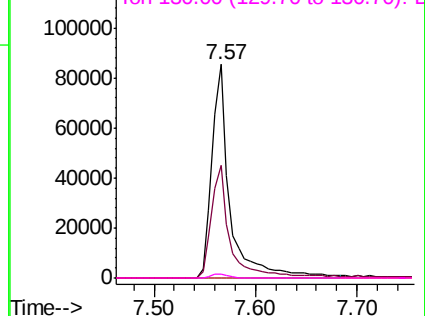
42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 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

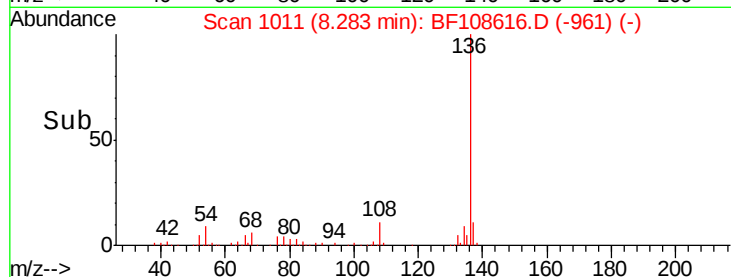
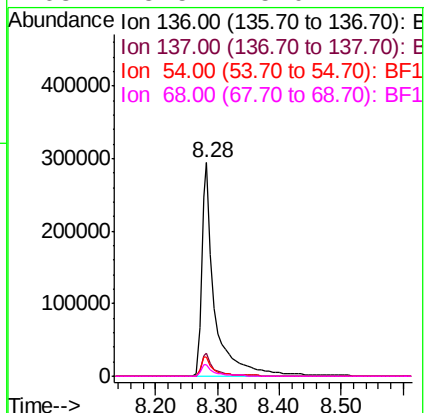
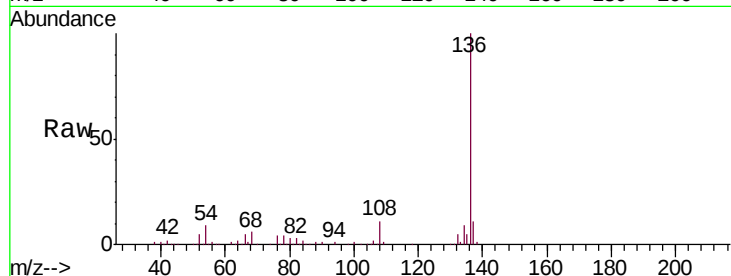




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108616.D
Acq: 29 Aug 2018 20:34

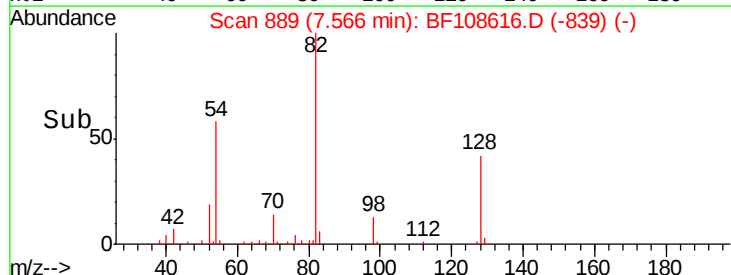
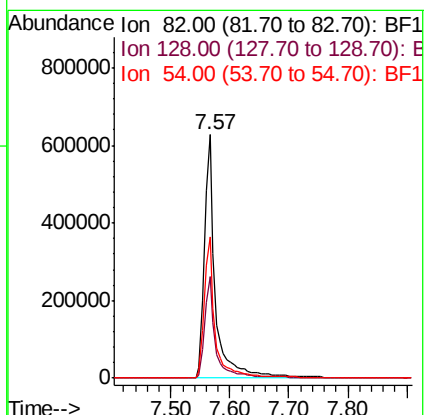
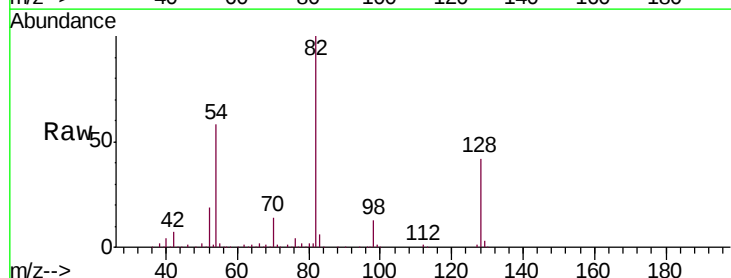
Instrument :
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082718-DBRI-F-D-B

Tgt Ion:	136	Resp:	439400
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 104.228 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108616.D
Acq: 29 Aug 2018 20:34

Tgt Ion:	82	Resp:	820730
Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	58.0	41.4	62.2





#25

Isophorone

Concen: 54.683 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-B

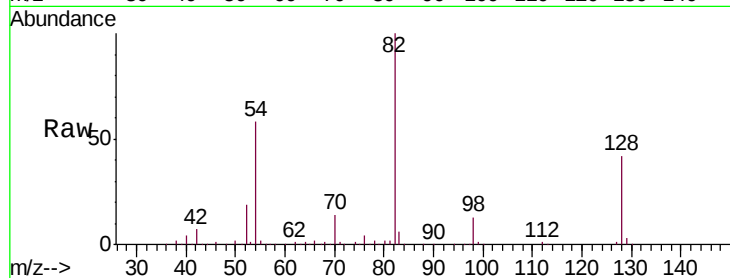
Tgt Ion: 82 Resp: 820724

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

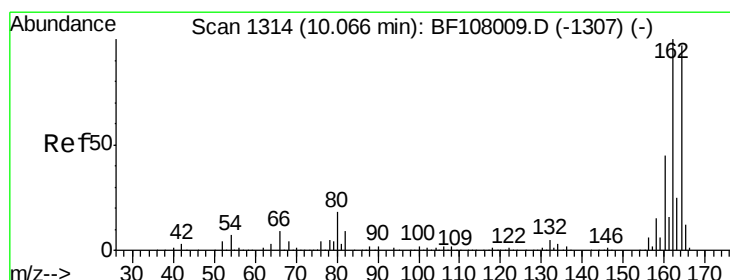
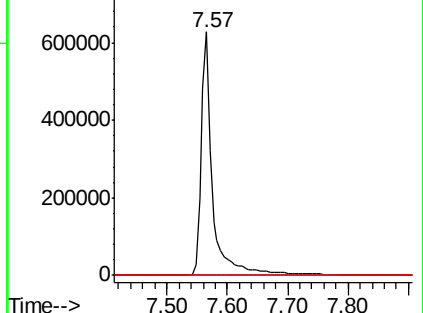
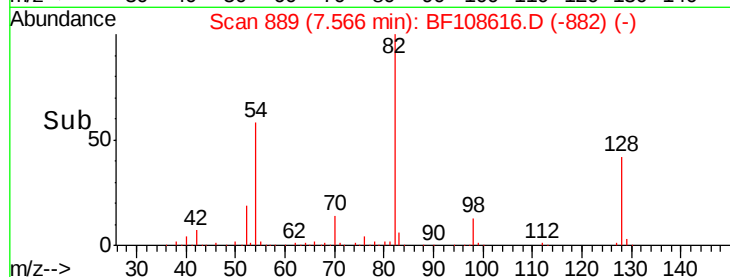
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

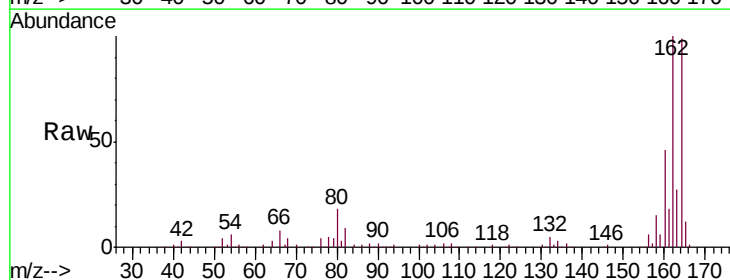
Tgt Ion: 164 Resp: 196645

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

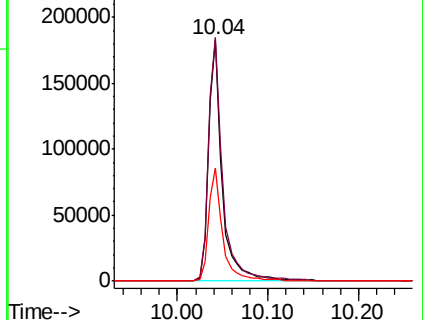
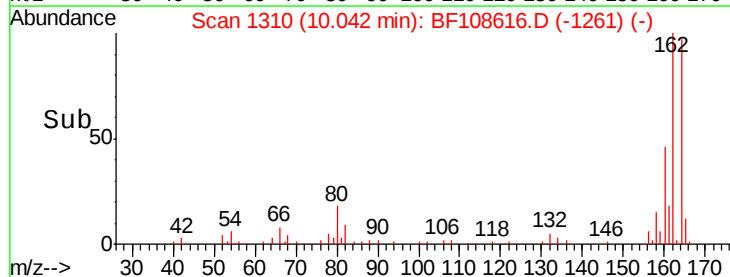
160 46.7 38.3 57.5



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

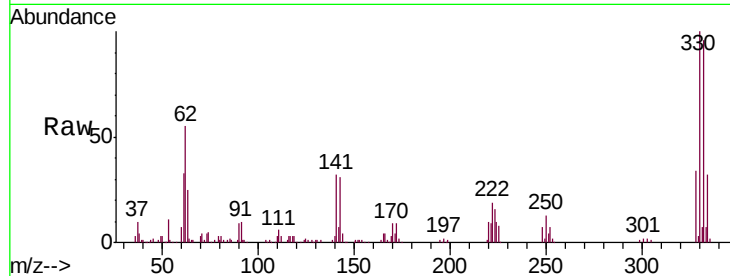




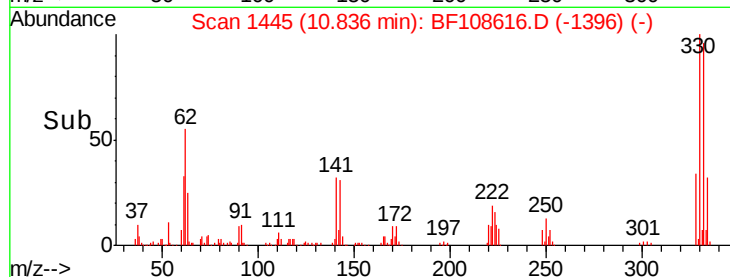
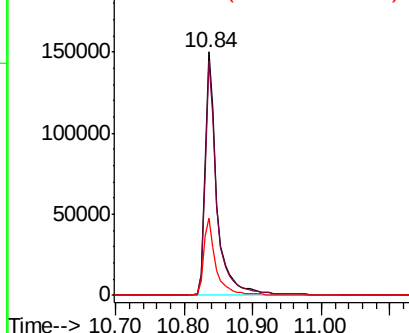
#41
 2,4,6-Tribromophenol
 Concen: 95.364 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-D-B

Tgt Ion:330 Resp: 187055
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.2 29.9 44.9

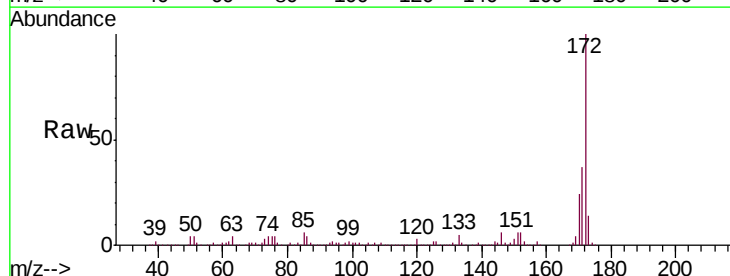


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

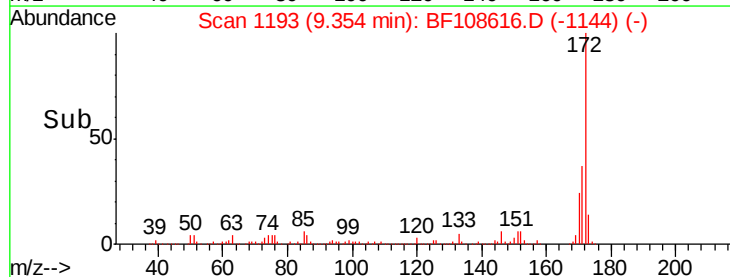
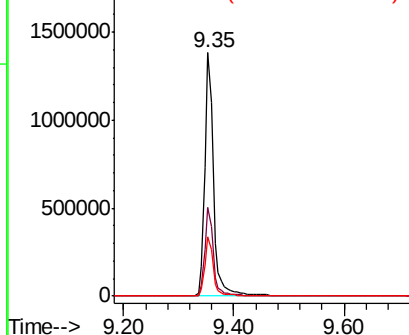


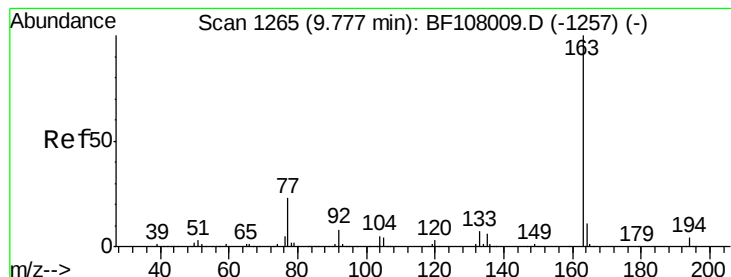
#44
 2-Fluorobiphenyl
 Concen: 122.506 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Tgt Ion:172 Resp: 1500507
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 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: 9.800 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-B

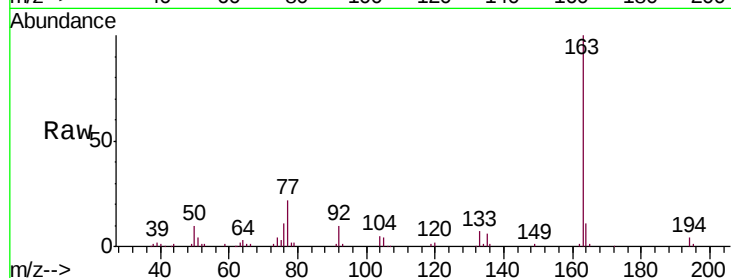
Tgt Ion:163 Resp: 134233

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

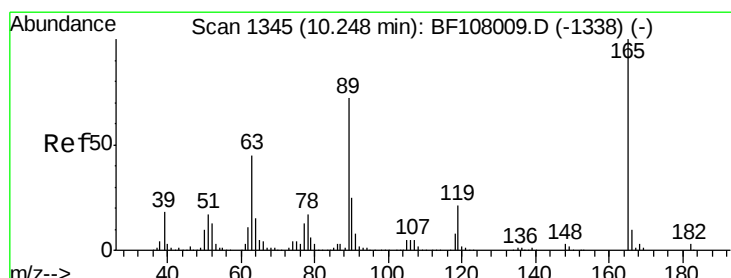
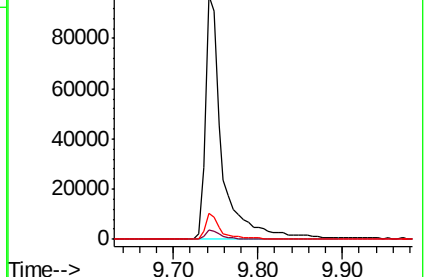
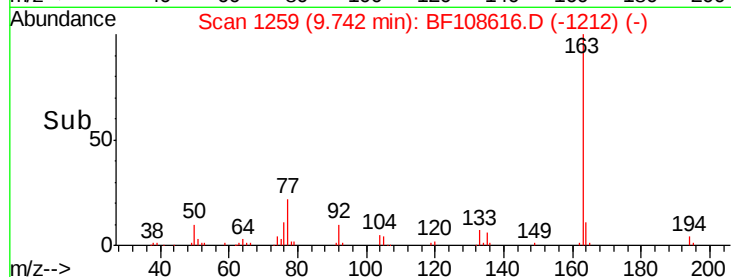
164 10.7 8.2 12.2



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: 6.702 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108616.D

Acq: 29 Aug 2018 20:34

Tgt Ion:165 Resp: 24723

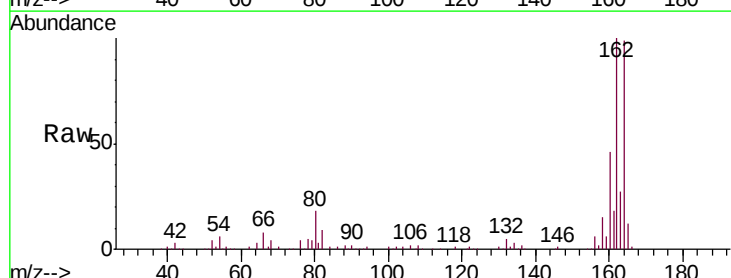
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

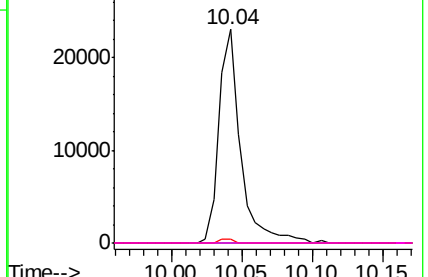
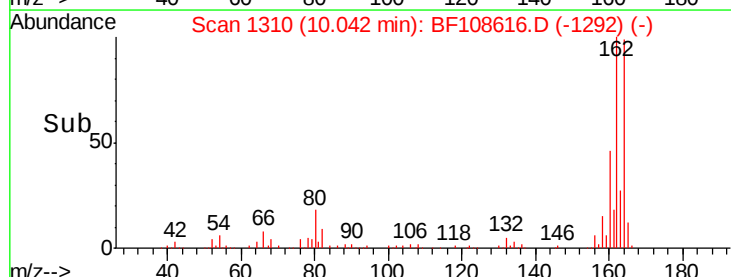


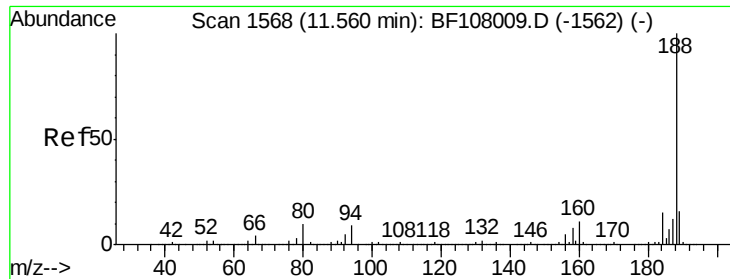
Abundance Ion 165.00 (164.70 to 165.70): E

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

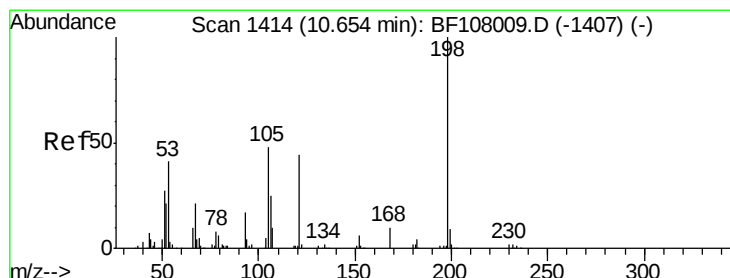
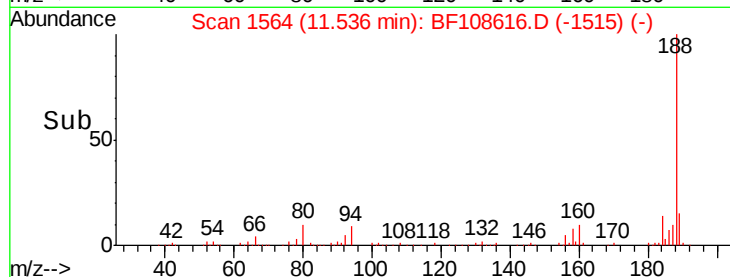
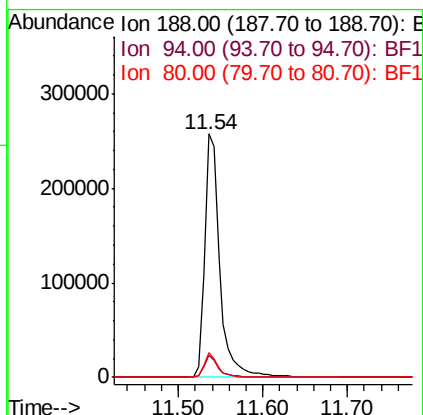
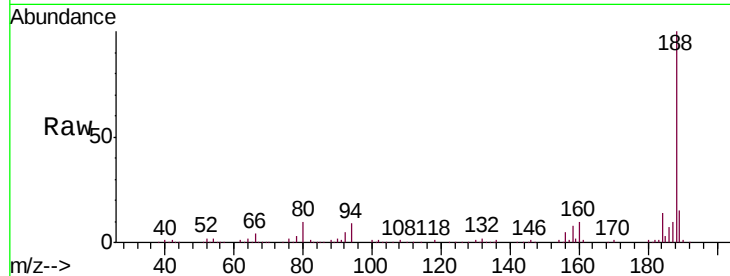




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

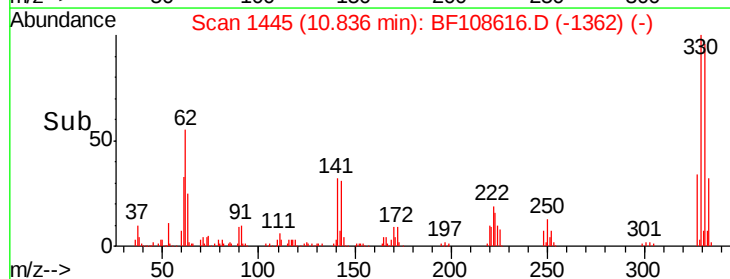
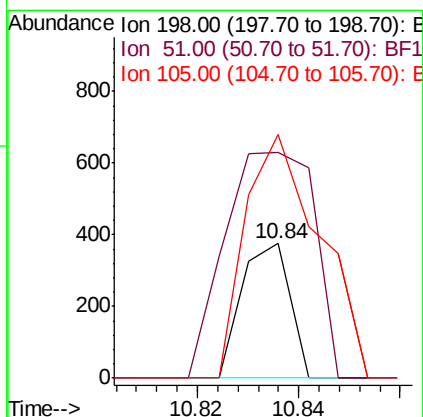
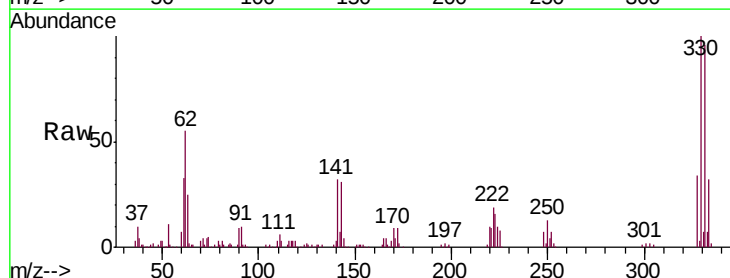
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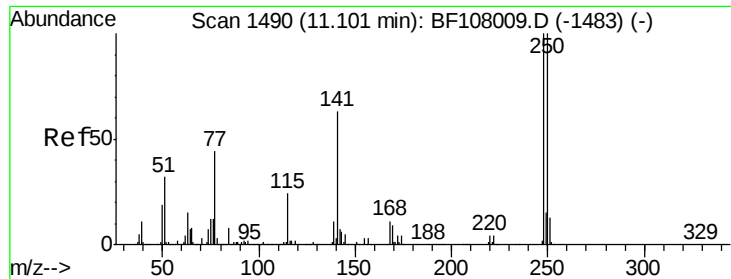
Tgt Ion:188 Resp: 319010
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 10.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.543 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Tgt Ion:198 Resp: 248
 Ion Ratio Lower Upper
 198 100
 51 167.8 37.7 77.7#
 105 180.6 36.3 76.3#

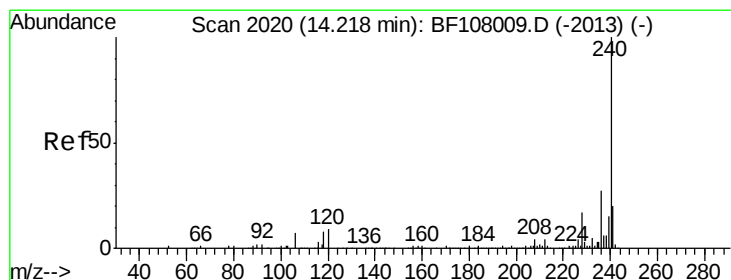
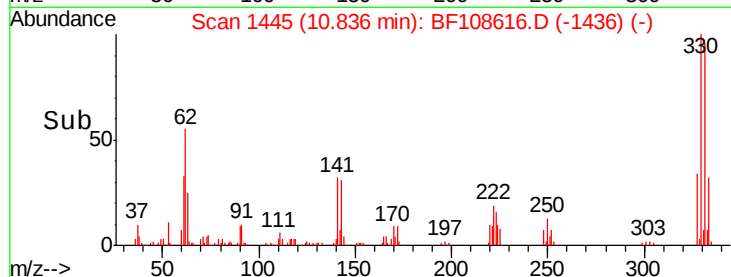
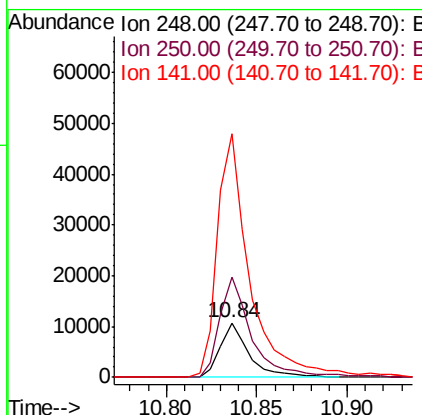
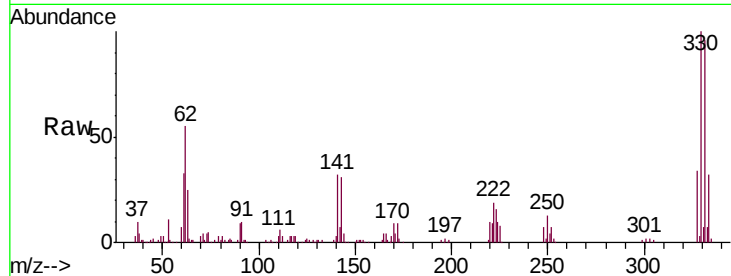




#66
 4-Bromophenyl-phenylether
 Concen: 3.493 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

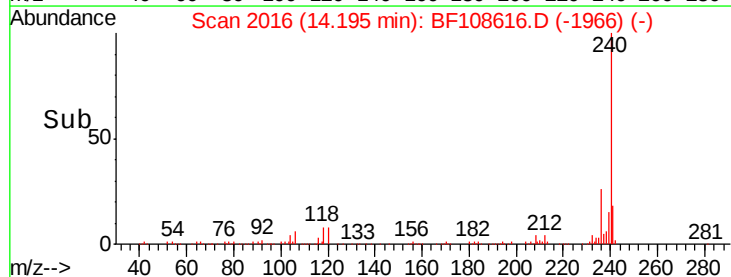
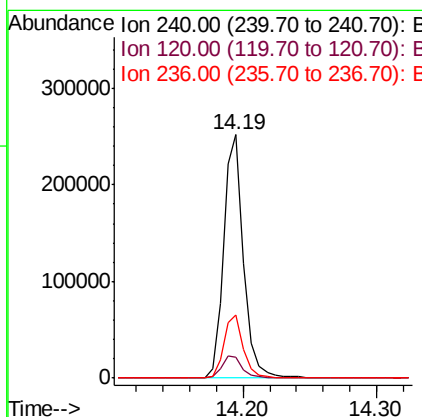
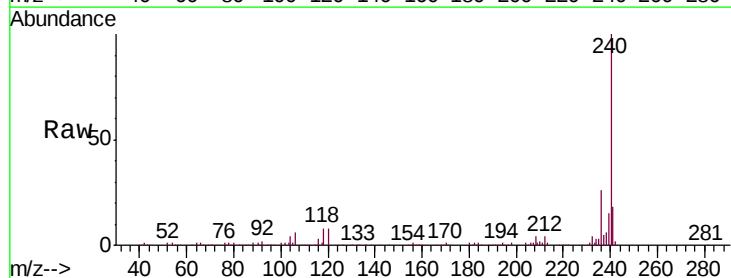
Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-D-B

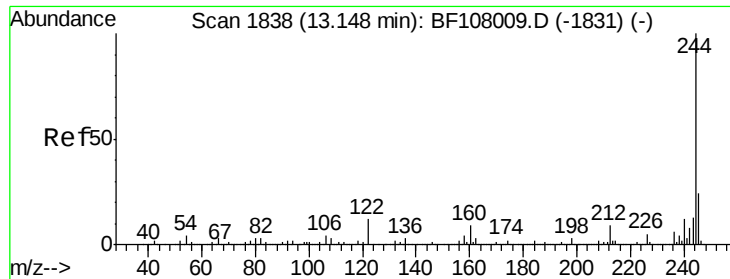
Tgt Ion:248 Resp: 12111
 Ion Ratio Lower Upper
 248 100
 250 182.1 76.9 115.3#
 141 444.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Tgt Ion:240 Resp: 262962
 Ion Ratio Lower Upper
 240 100
 120 8.4 9.5 14.3#
 236 25.7 20.7 31.1

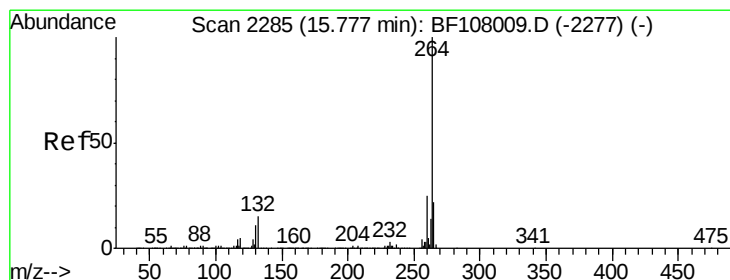
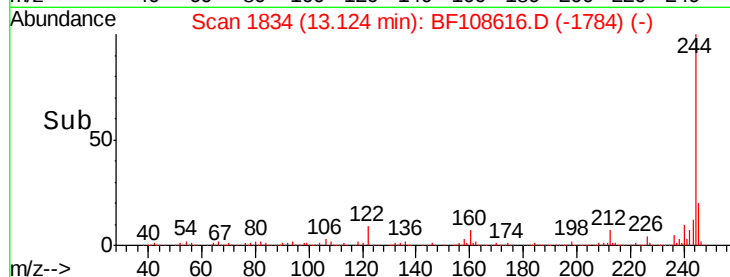
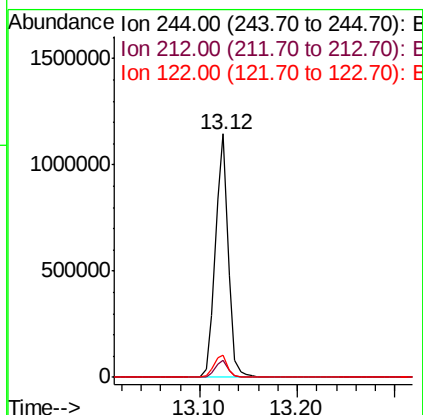
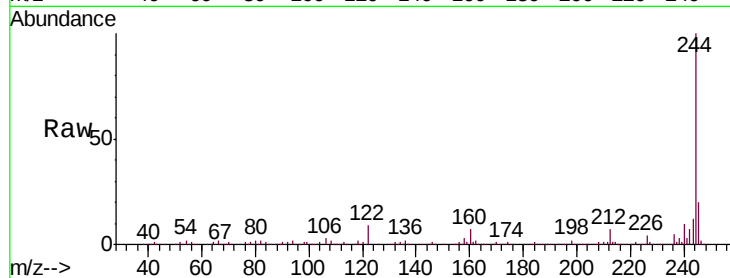




#78
 Terphenyl-d14
 Concen: 100.390 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-D-B

Tgt Ion:244 Resp: 1038273
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108616.D
 Acq: 29 Aug 2018 20:34

Tgt Ion:264 Resp: 255215
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.4 17.5 26.3

