

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104352.D
 Acq On : 7 Apr 2018 12:02
 Operator : JU/SJ
 Sample : J2255-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-D-B

Quant Time: Apr 09 00:50:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

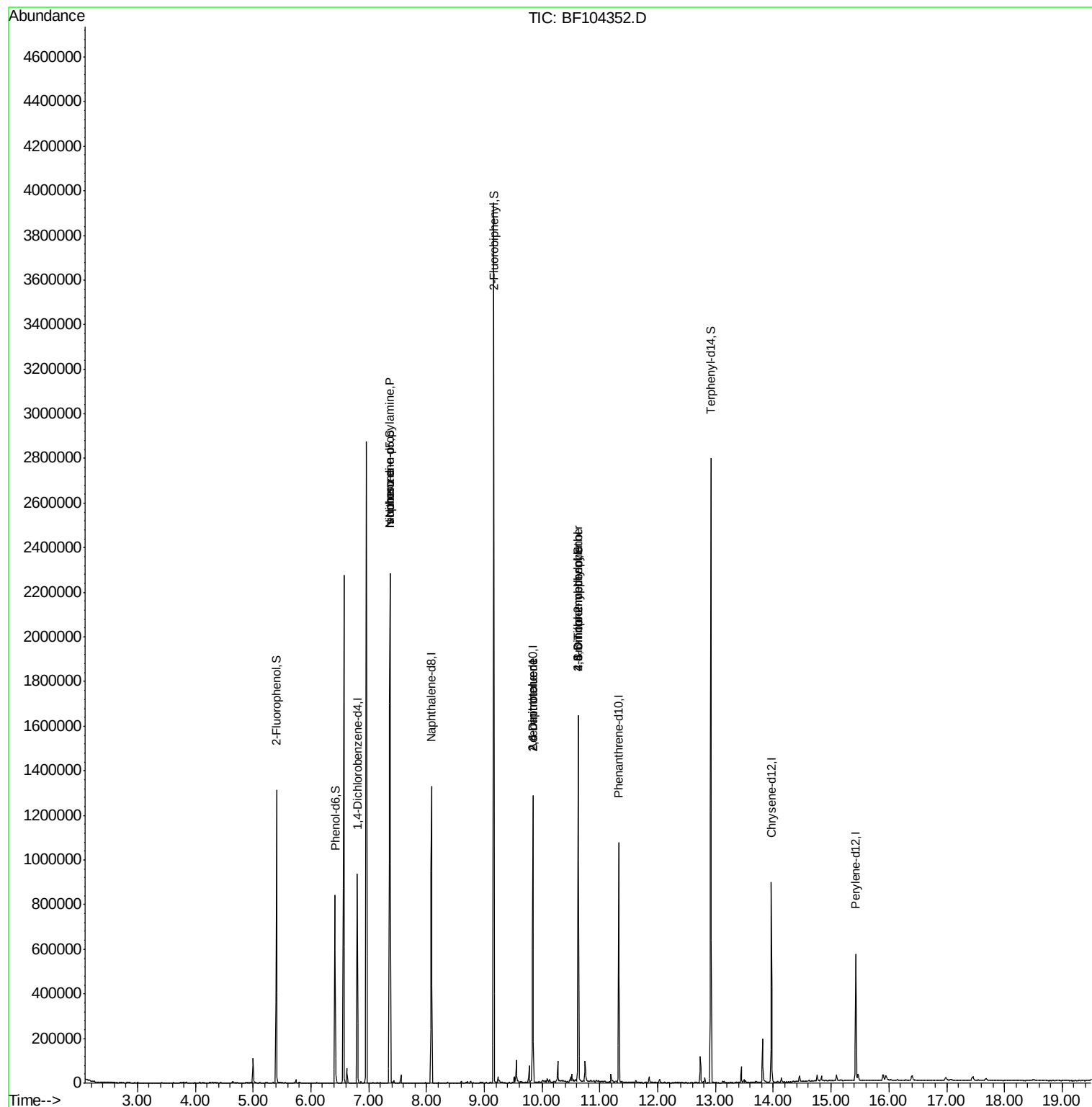
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137976	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	540182	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	234784	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	349779	20.00	ng	0.00
75) Chrysene-d12	13.97	240	268796	20.00	ng	0.00
86) Perylene-d12	15.43	264	252017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	345773	38.32	ng	0.00
7) Phenol-d6	6.42	99	257730	23.25	ng	-0.01
23) Nitrobenzene-d5	7.37	82	802114	96.96	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	188751	77.50	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1366546	91.95	ng	0.00
78) Terphenyl-d14	12.92	244	948188	80.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	106683	14.725	ng	# 74
25) Isophorone	7.37	82	801511	45.818	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	29070	8.485	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	29070	6.469	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	302	7.497	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11504	3.092	ng	# 1
76) Benzidine	12.92	184	12764	Below Cal		97

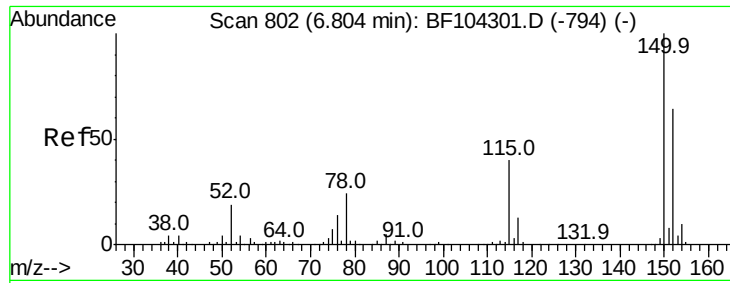
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104352.D
Acq On : 7 Apr 2018 12:02
Operator : JU/SJ
Sample : J2255-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-D-B

Quant Time: Apr 09 00:50:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



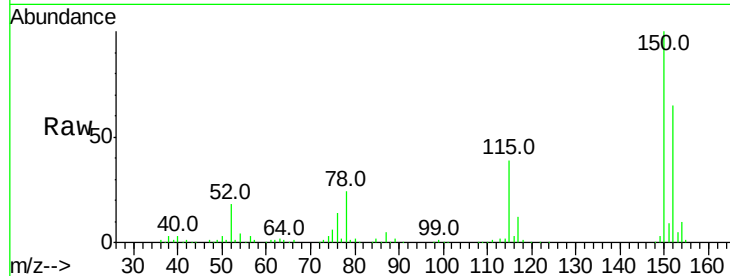


#1

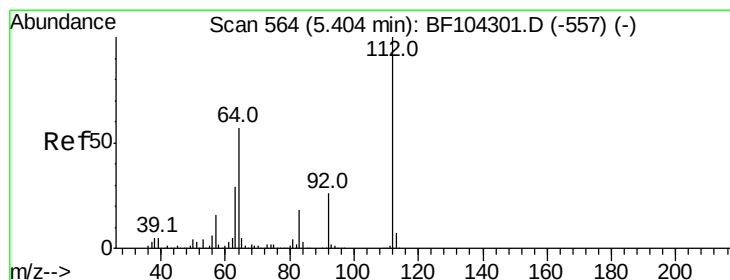
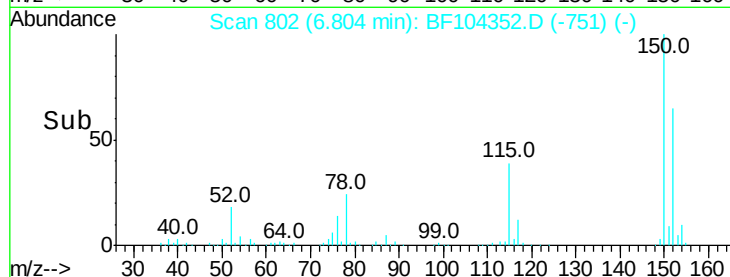
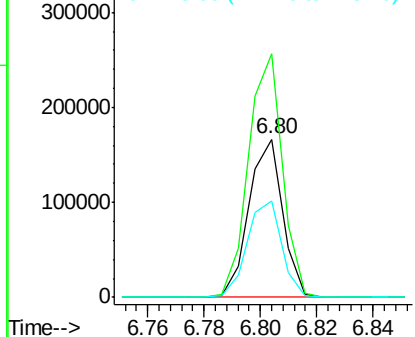
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-D-B

Tot Ion:152 Resp: 137976
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 60.8 50.1 75.1



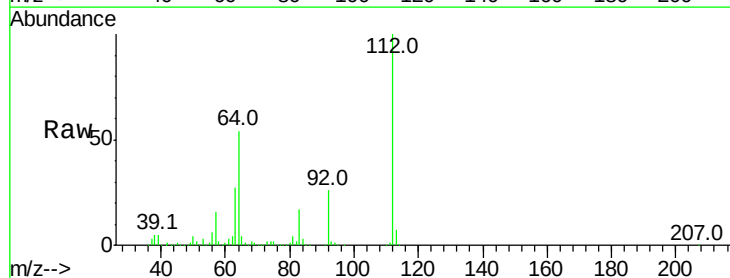
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



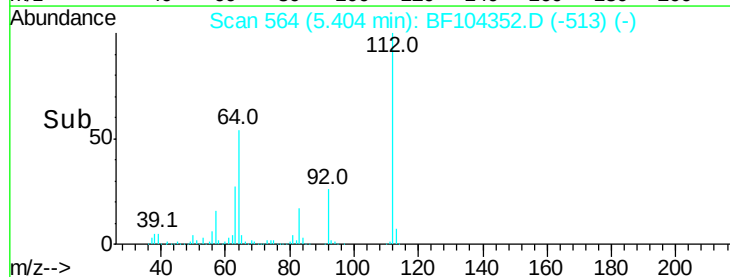
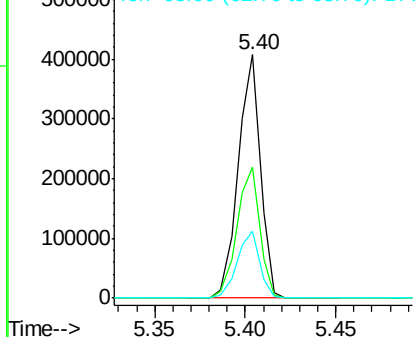
#5

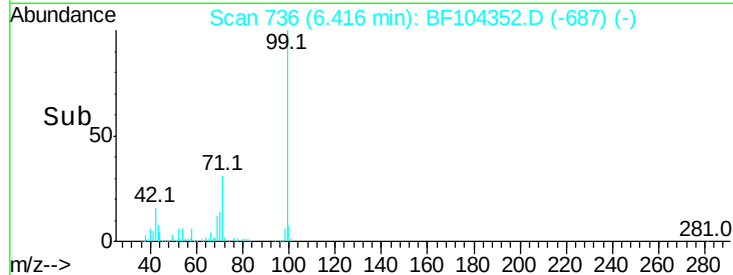
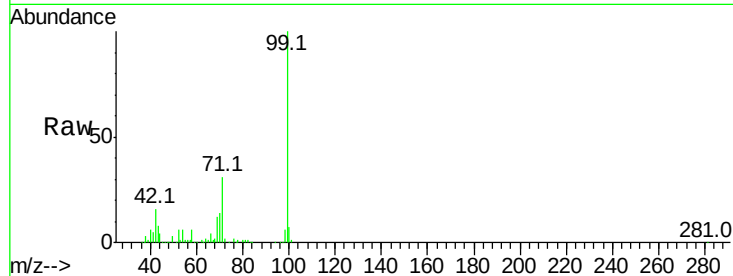
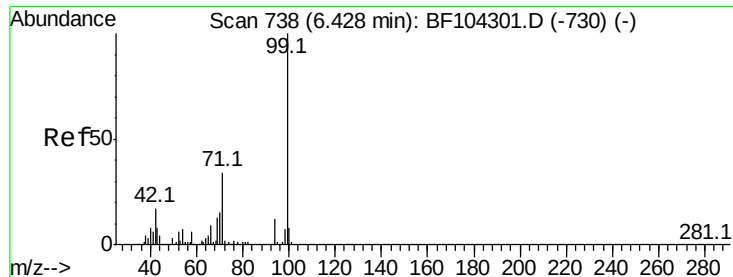
2-Fluorophenol
Concen: 38.319 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Tgt Ion:112 Resp: 345773
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.3 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: 23.246 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-D-B

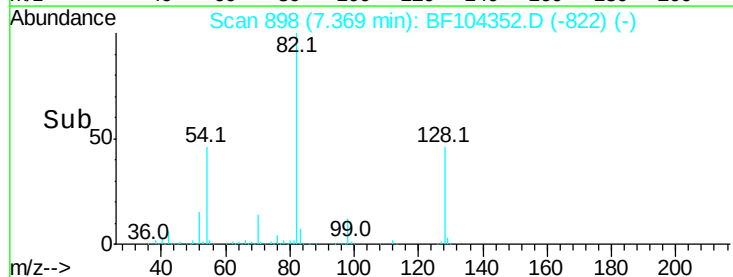
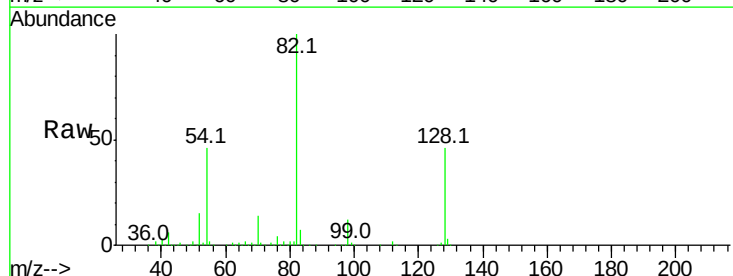
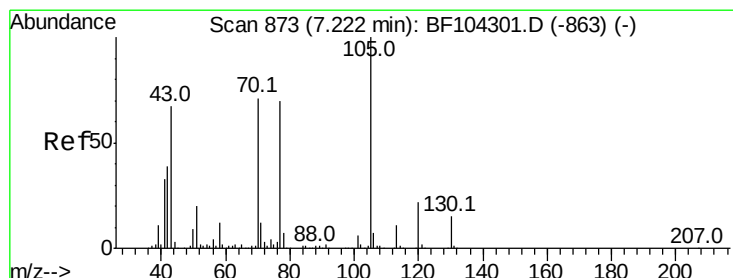
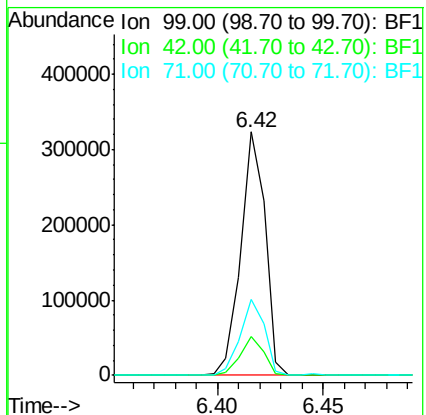
Tot Ion: 99 Resp: 257730

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 31.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.725 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Tgt Ion: 70 Resp: 106683

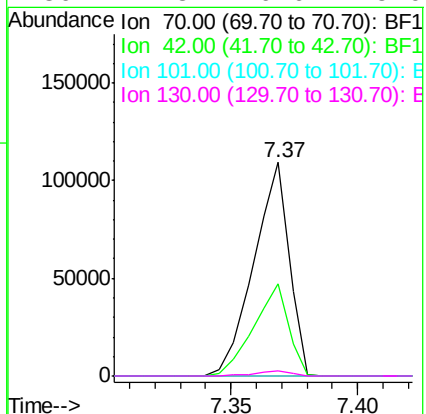
Ion Ratio Lower Upper

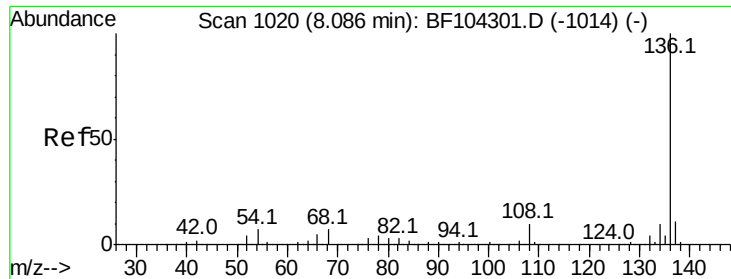
70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

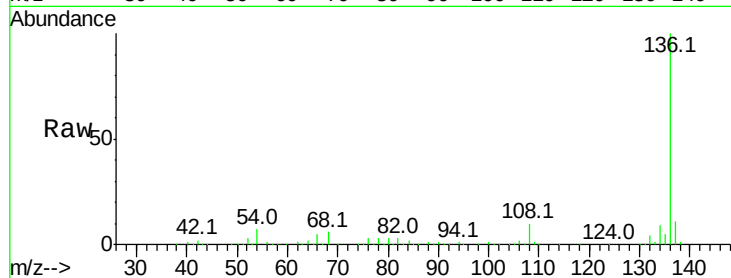




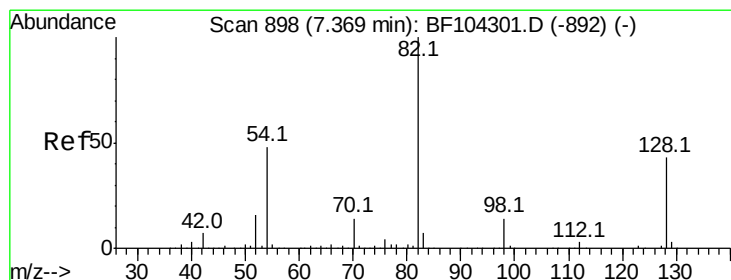
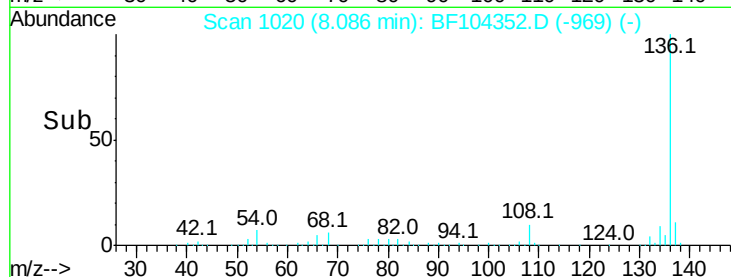
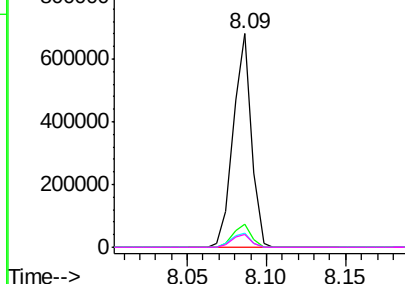
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-D-B

Tot Ion:	136	Resp:	540182
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

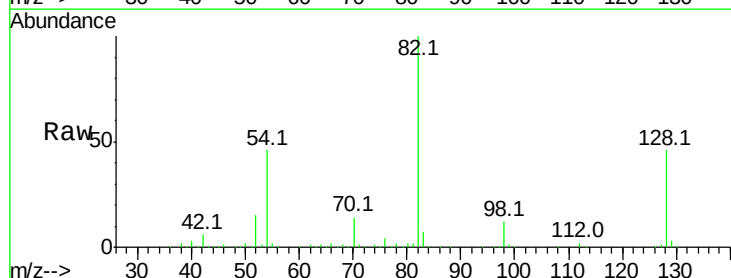


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

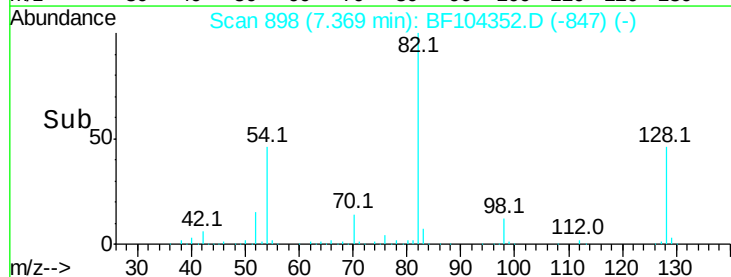
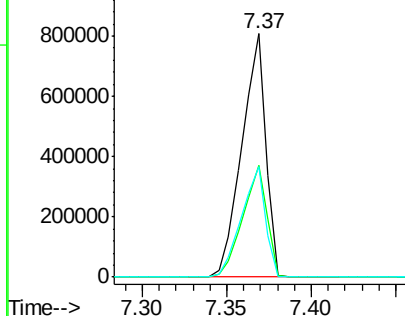


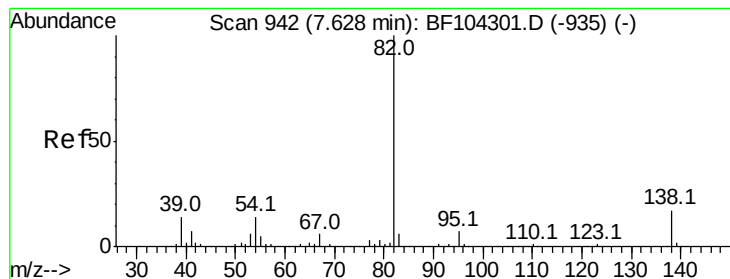
#23
Nitrobenzene-d5
Concen: 96.961 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Tgt Ion:	82	Resp:	802114
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.5	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: 45.818 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-D-B

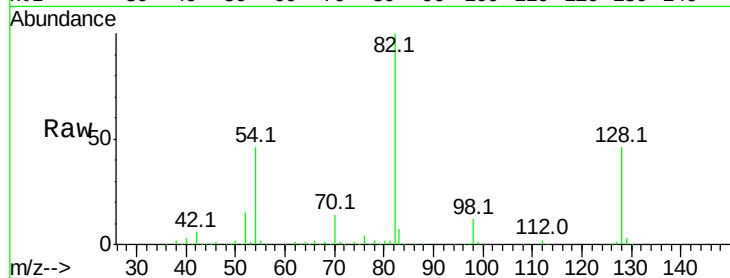
Tot Ion: 82 Resp: 801511

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

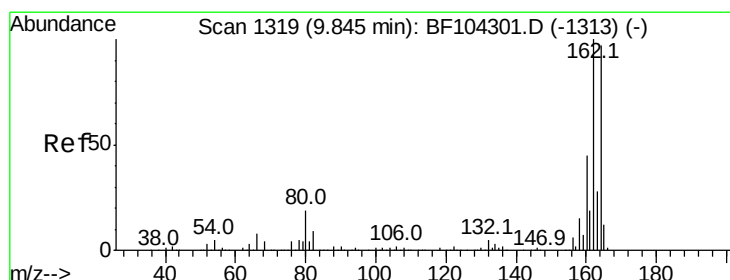
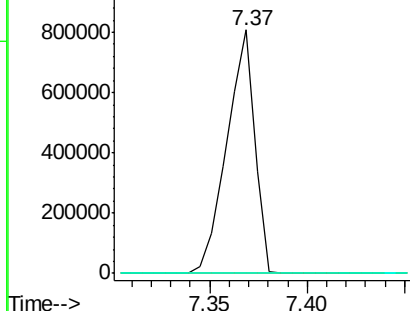
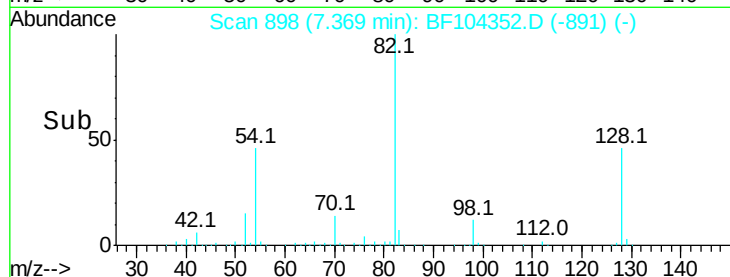
138 0.0 14.9 22.3#



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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

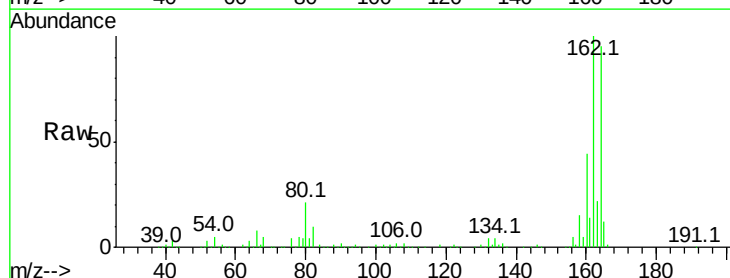
Tgt Ion:164 Resp: 234784

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

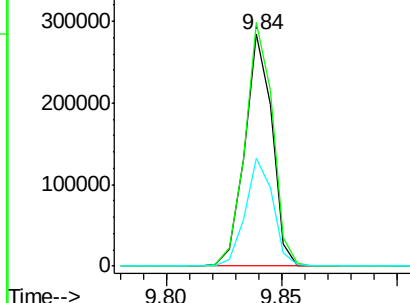
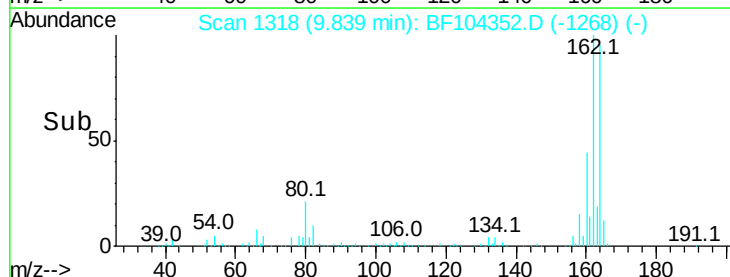
160 46.6 38.3 57.5

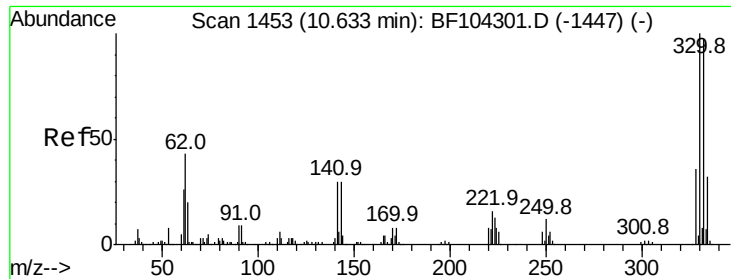


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 77.501 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-D-B

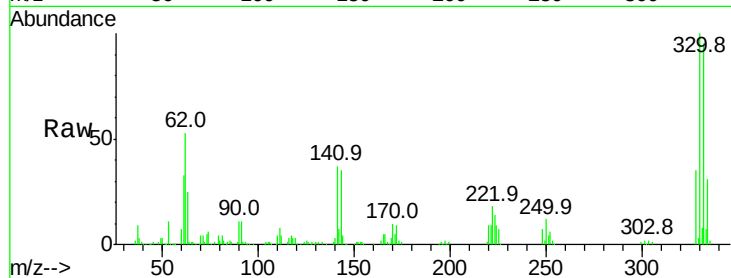
Tot Ion:330 Resp: 188751

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

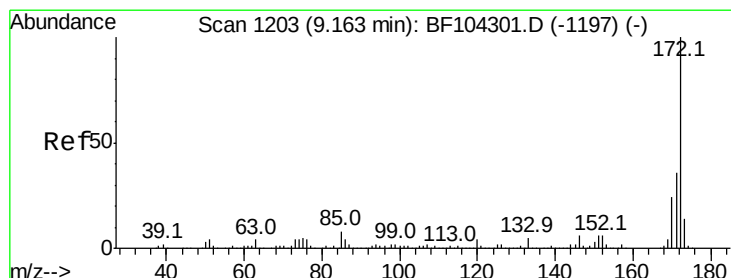
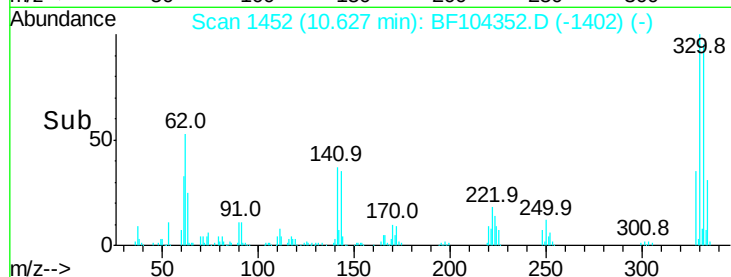
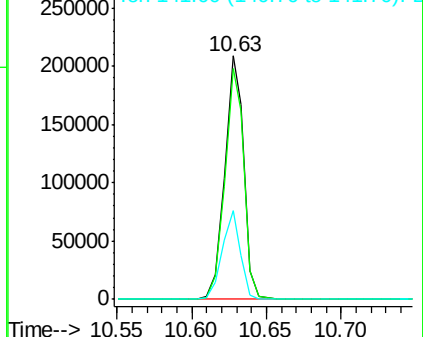
141 35.1 29.9 44.9



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: 91.948 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

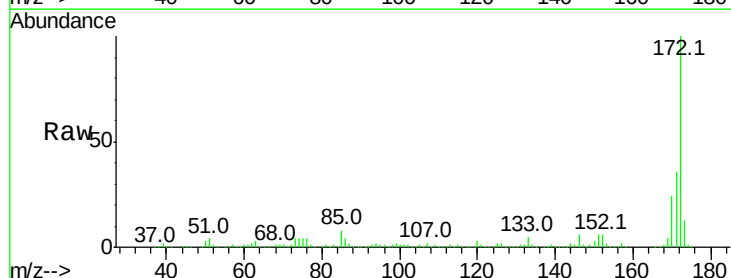
Tgt Ion:172 Resp: 1366546

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

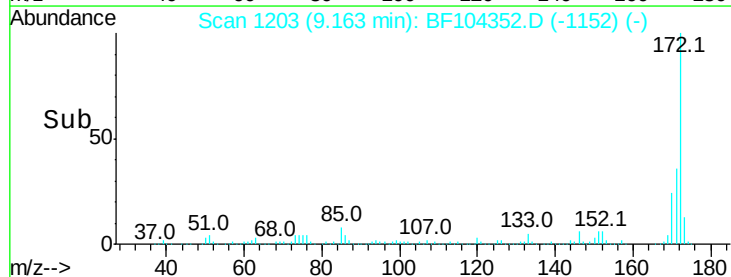
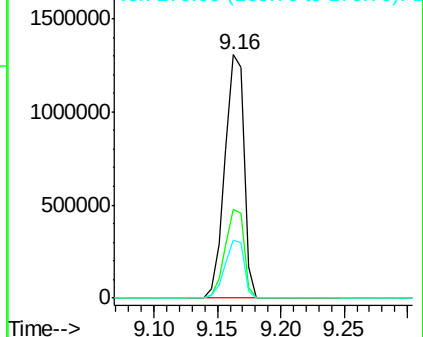
170 24.1 19.6 29.4

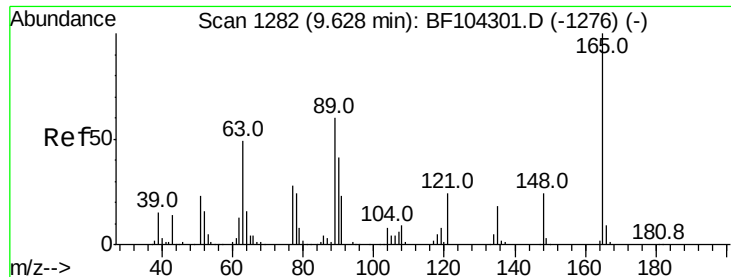


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 8.485 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-D-B

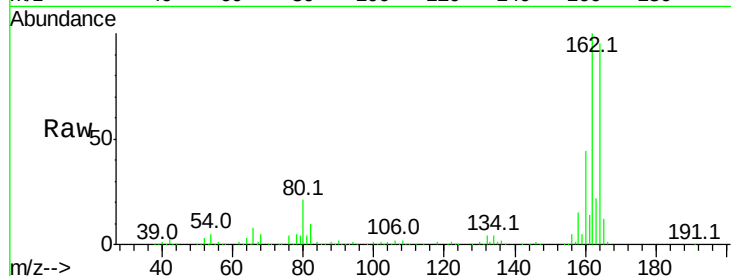
Tot Ion:165 Resp: 29070

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

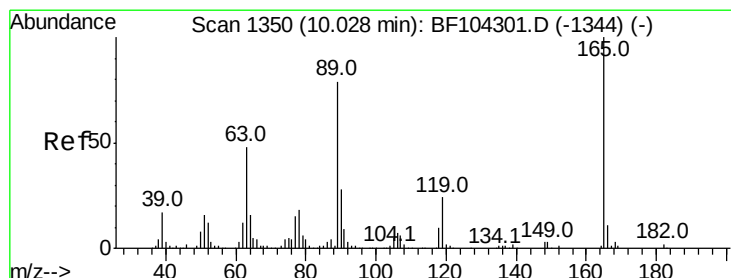
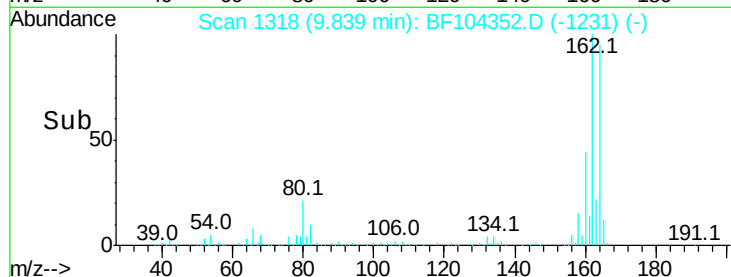
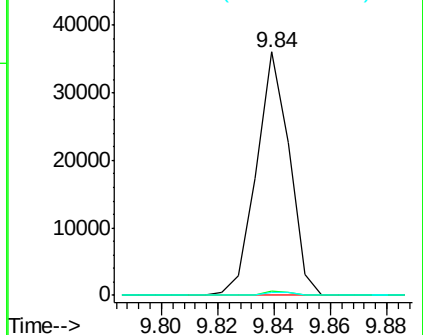
89 1.4 44.0 66.0#



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: 6.469 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.19 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Tgt Ion:165 Resp: 29070

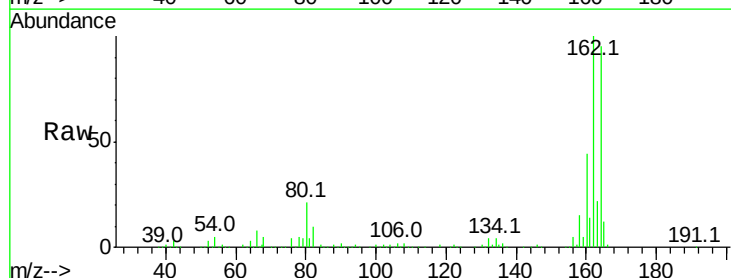
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

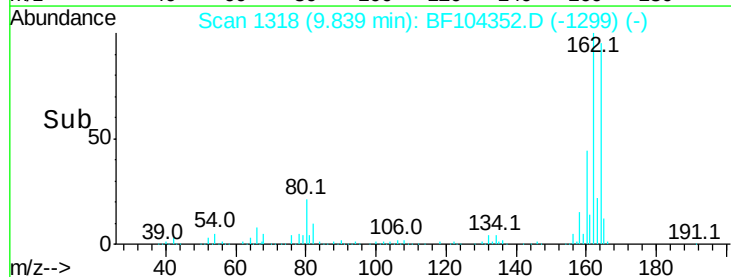
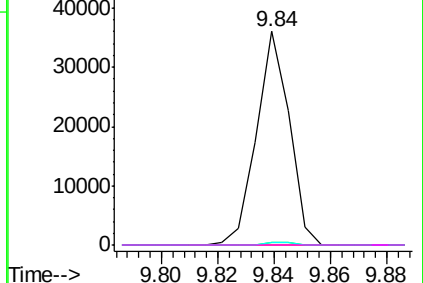


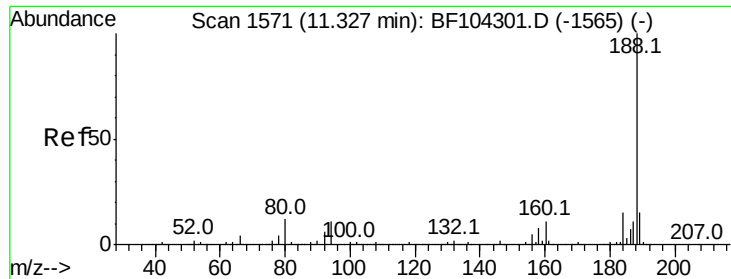
Abundance Ion 165.00 (164.70 to 165.70): E

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

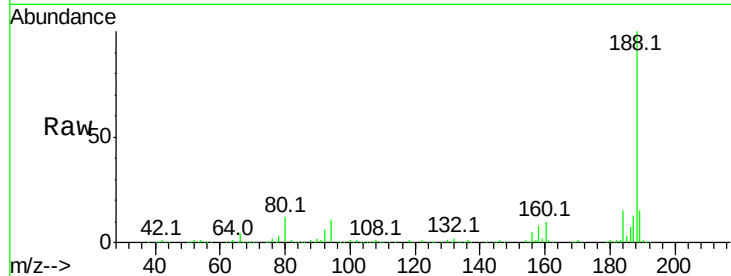




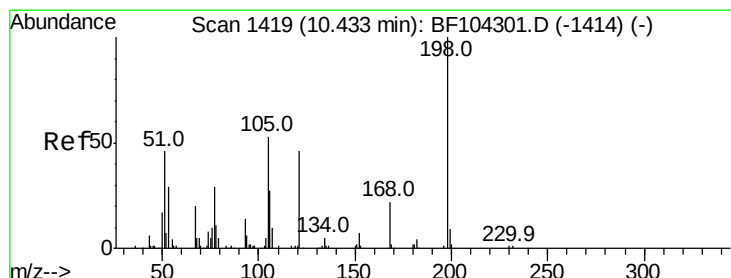
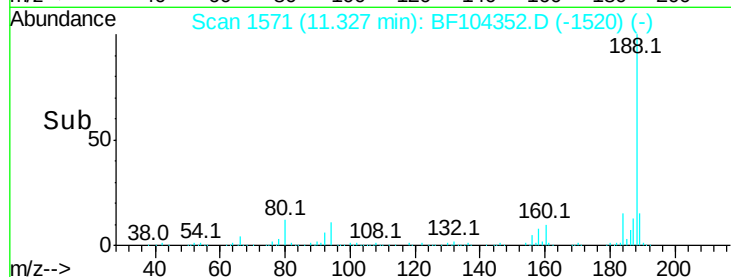
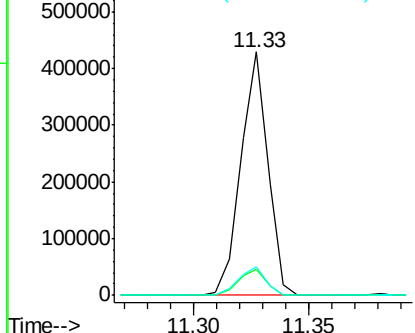
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-D-B

Tot Ion:188 Resp: 349779
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8

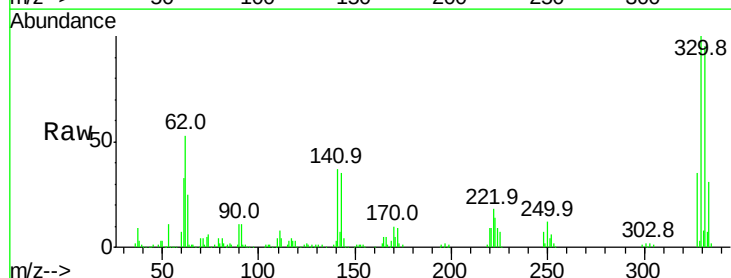


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

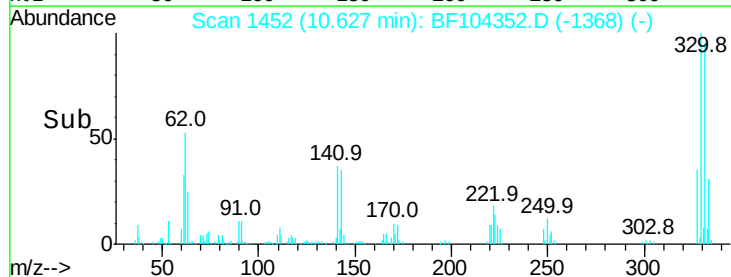
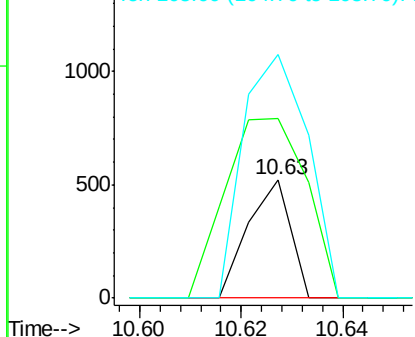


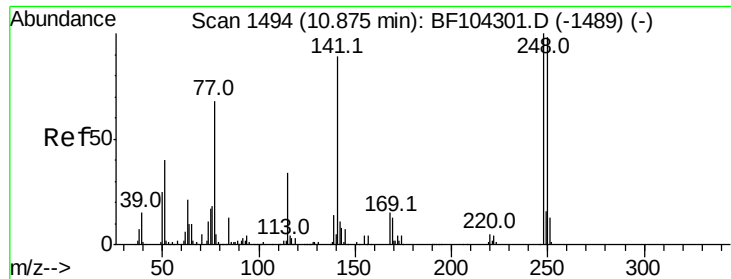
#64
4,6-Dinitro-2-methylphenol
Concen: 7.497 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104352.D
Acq: 7 Apr 2018 12:02

Tgt Ion:198 Resp: 302
Ion Ratio Lower Upper
198 100
51 151.7 37.7 77.7#
105 205.9 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

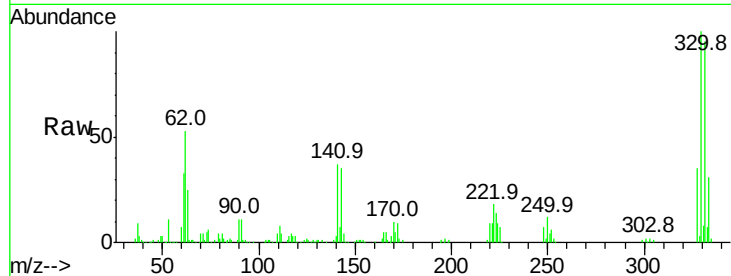




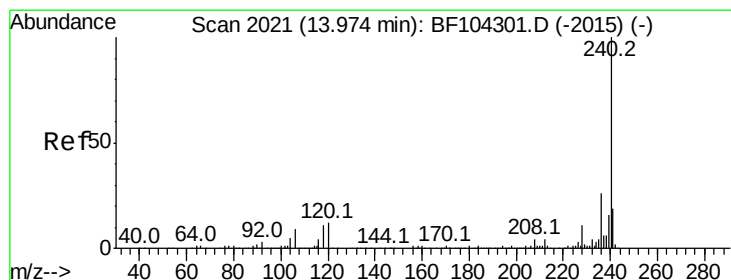
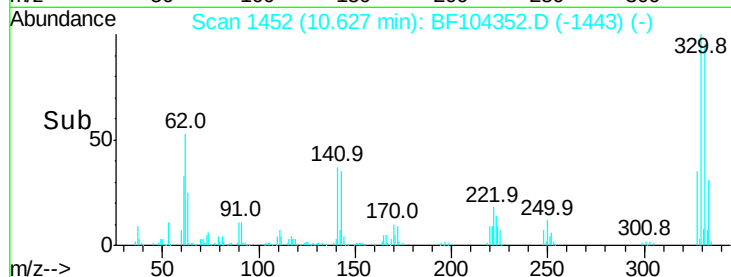
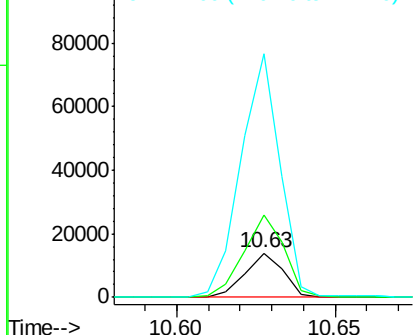
#66
 4-Bromophenyl-phenylether
 Concen: 3.092 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104352.D
 Acq: 7 Apr 2018 12:02

Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-D-B

Tot Ion:248 Resp: 11504
 Ion Ratio Lower Upper
 248 100
 250 186.7 76.9 115.3#
 141 553.2 74.4 111.6#

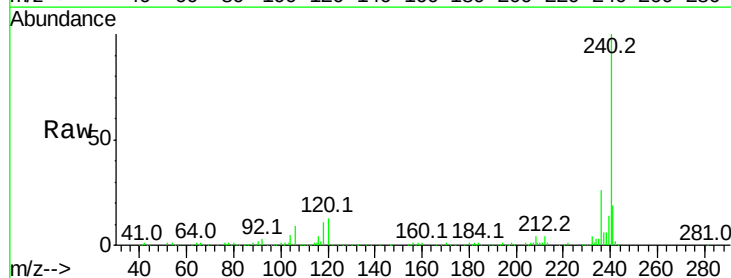


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

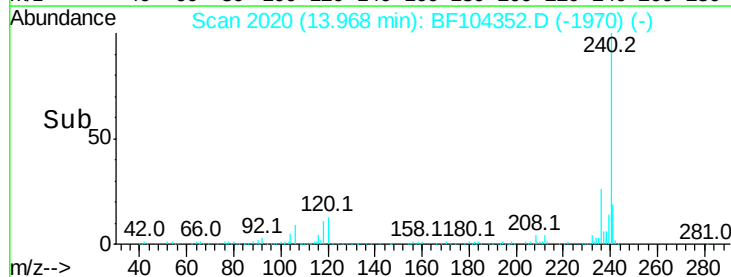
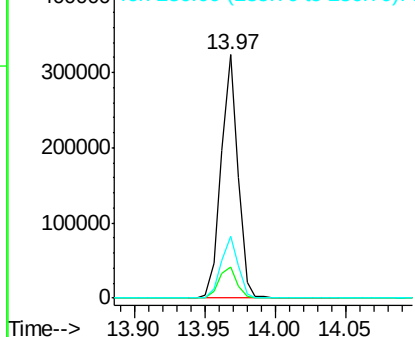


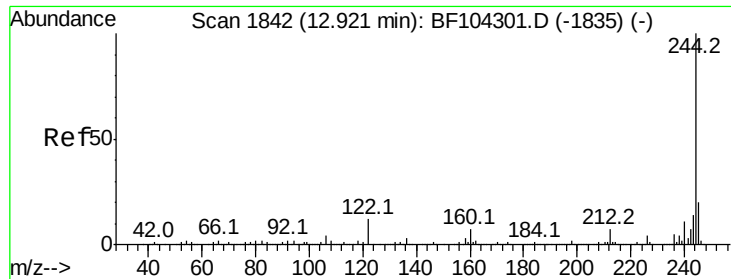
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104352.D
 Acq: 7 Apr 2018 12:02

Tgt Ion:240 Resp: 268796
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.7 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: 80.422 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-D-B

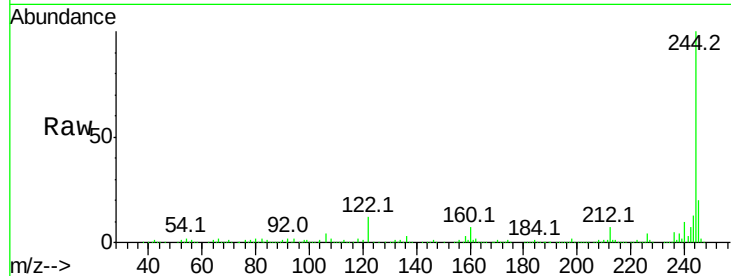
Tot Ion:244 Resp: 948188

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

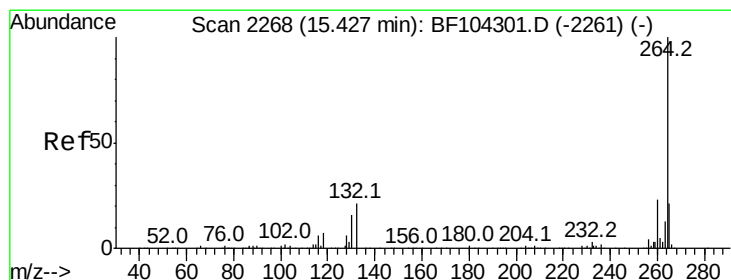
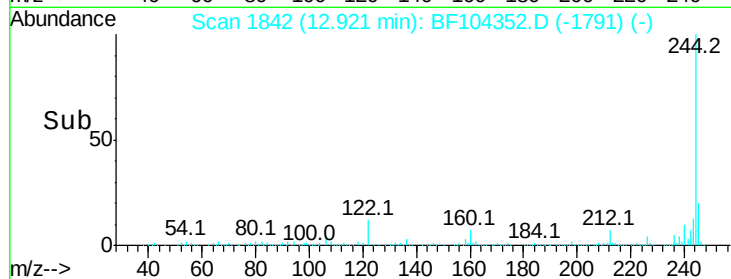
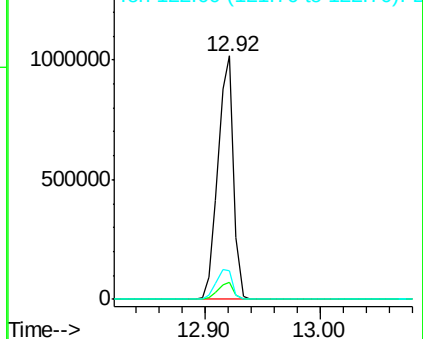
122 11.7 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF104352.D

Acq: 7 Apr 2018 12:02

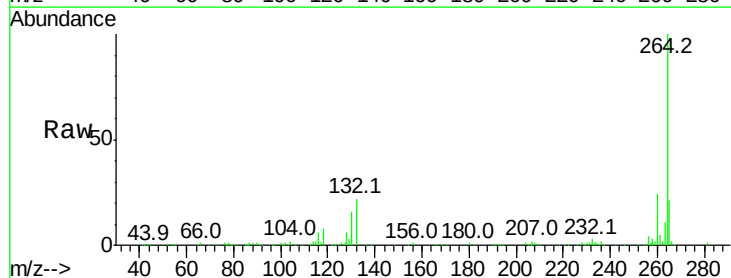
Tgt Ion:264 Resp: 252017

Ion Ratio Lower Upper

264 100

260 23.8 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

