

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104315.D
 Acq On : 6 Apr 2018 19:44
 Operator : JU/SJ
 Sample : J2153-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-C

Quant Time: Apr 06 23:10:35 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	129913	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	468855	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	210594	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	322369	20.00	ng	0.00
75) Chrysene-d12	13.97	240	274927	20.00	ng	0.00
86) Perylene-d12	15.42	264	260479	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	203185	23.91	ng	-0.01
7) Phenol-d6	6.42	99	249653	23.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	135455	18.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	41794	19.13	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	230814	17.31	ng	0.00
78) Terphenyl-d14	12.91	244	157969	13.10	ng	-0.01

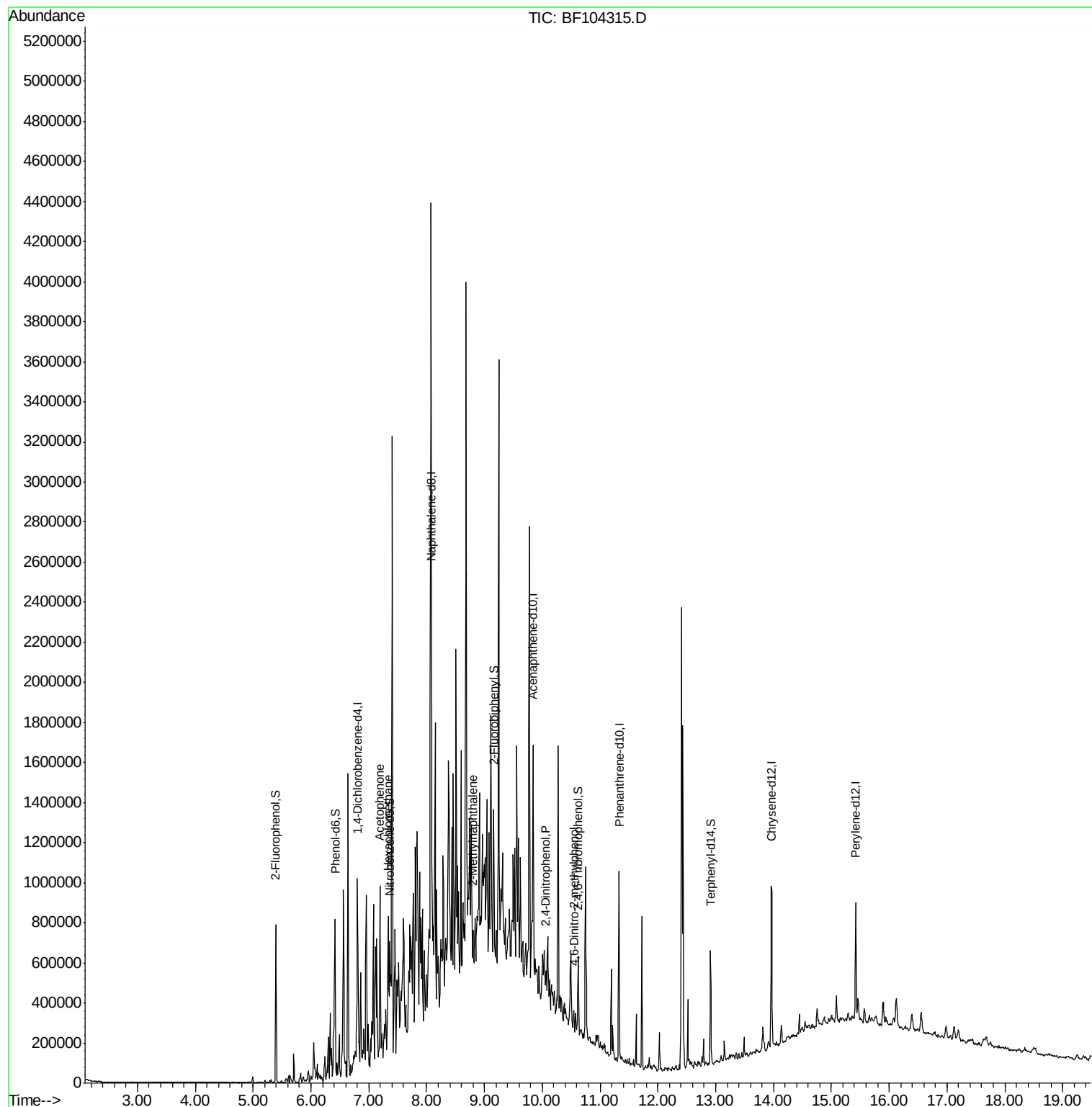
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	4157	Below Cal	#	1
18) Hexachloroethane	7.33	117	29436	8.152	ng	# 1
22) Acetophenone	7.20	105	104417	9.046	ng	# 57
37) 2-Methylnaphthalene	8.80	142	34322	2.273	ng	# 93
53) 2,4-Dinitrophenol	10.06	184	139	5.290	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.55	198	132	7.418	ng	# 1
76) Benizidine	12.66	184	109	Below Cal	#	1

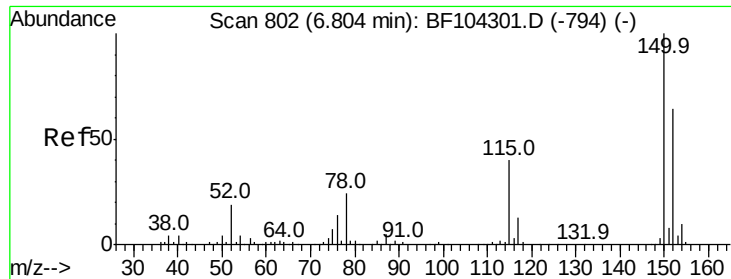
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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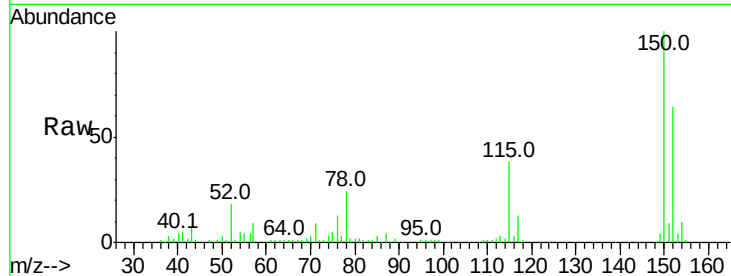


#1

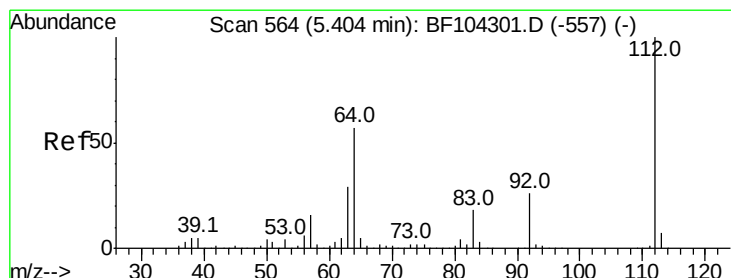
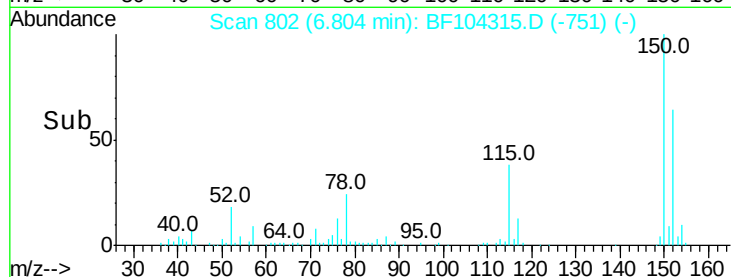
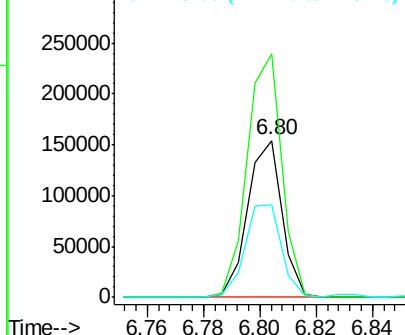
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104315.D
Acq: 6 Apr 2018 19:44

Instrument :
BNA_F
ClientSampleId :
HR-06-040418-C

Tot Ion:152 Resp: 129913
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.4 50.1 75.1



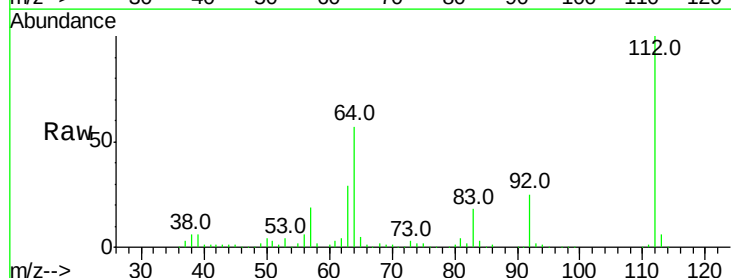
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



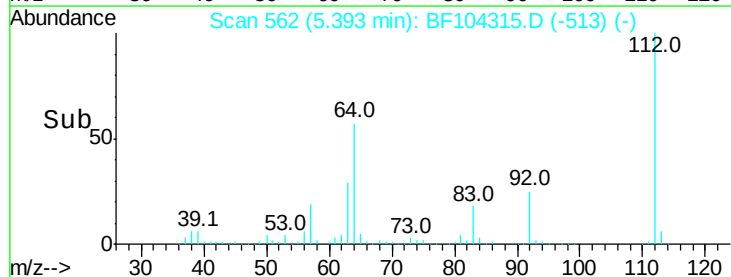
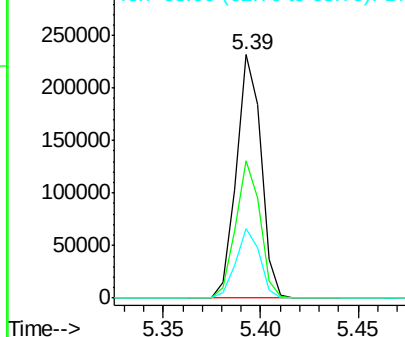
#5

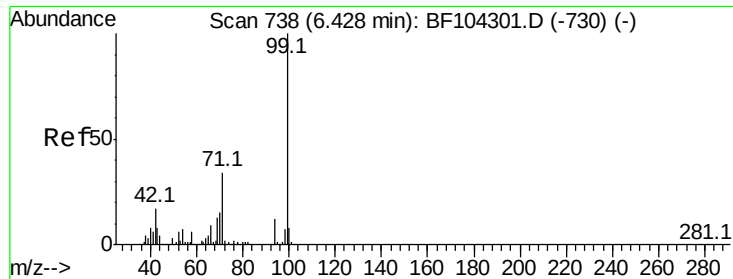
2-Fluorophenol
Concen: 23.915 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF104315.D
Acq: 6 Apr 2018 19:44

Tgt Ion:112 Resp: 203185
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.6 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: 23.915 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-C

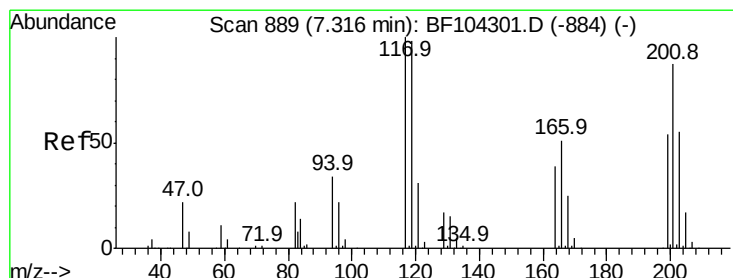
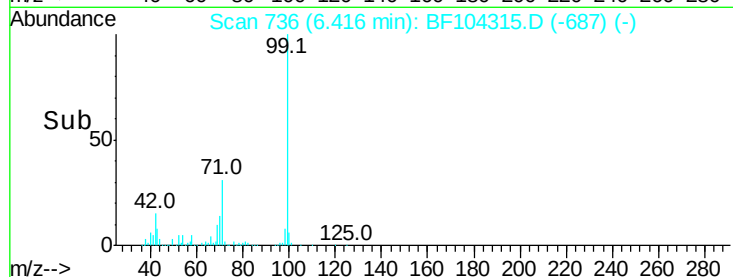
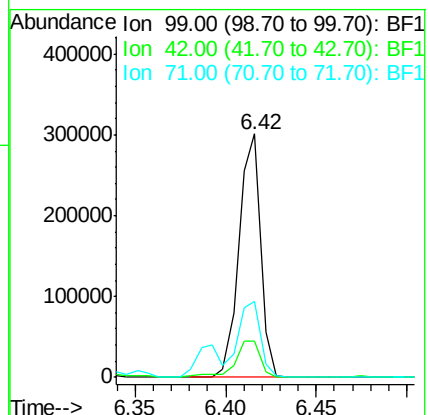
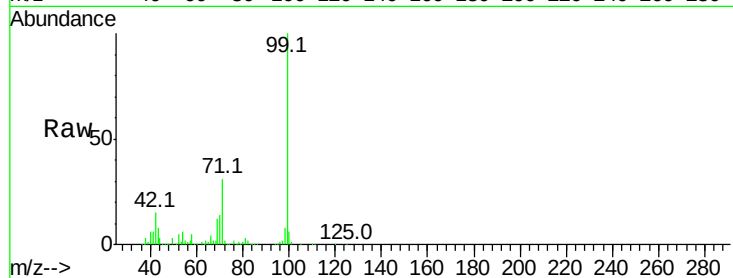
Tot Ion: 99 Resp: 249653

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 31.0 25.4 38.0



#18

Hexachloroethane

Concen: 8.152 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.02 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

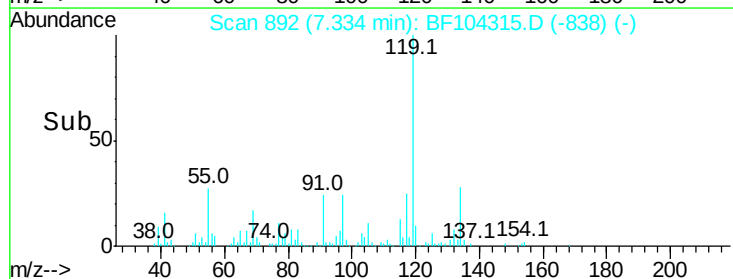
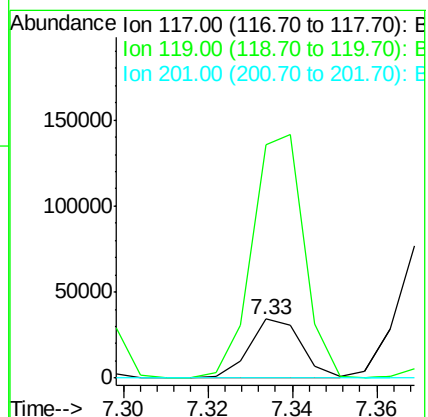
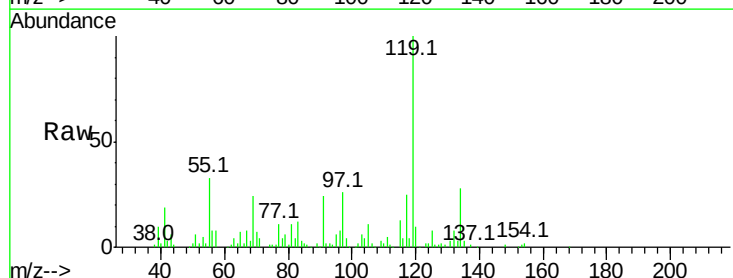
Tgt Ion: 117 Resp: 29436

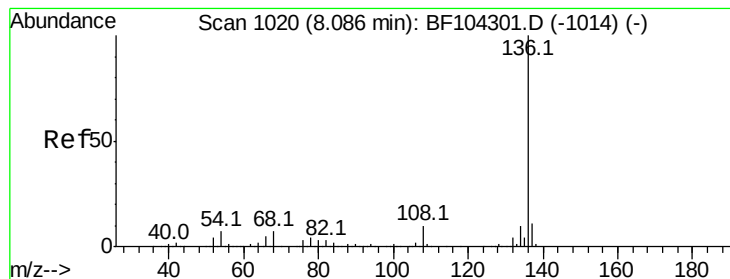
Ion Ratio Lower Upper

117 100

119 397.7 75.8 113.8#

201 0.0 75.7 113.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-C

Tot Ion:136 Resp: 468855

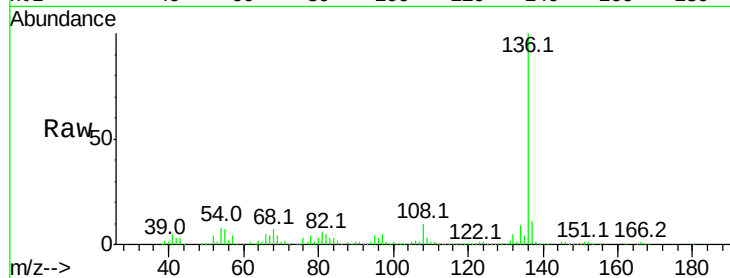
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.6 9.8

68 7.0 5.0 7.4

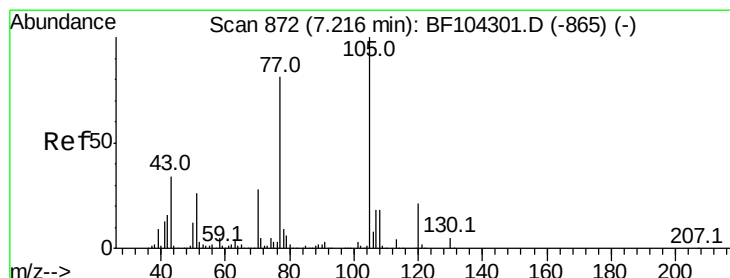
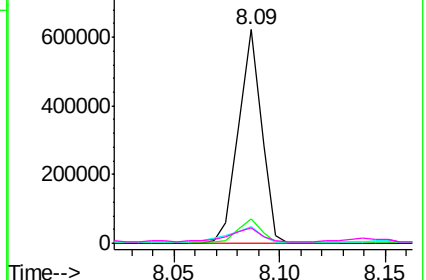
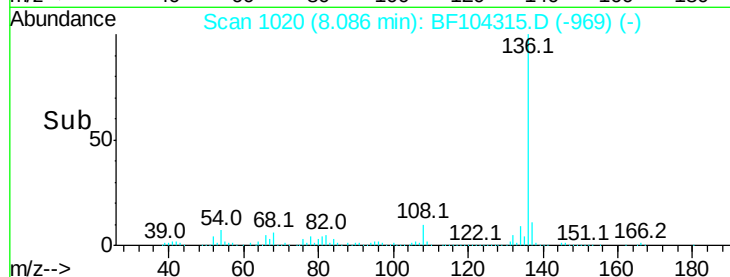


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.046 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Tgt Ion:105 Resp: 104417

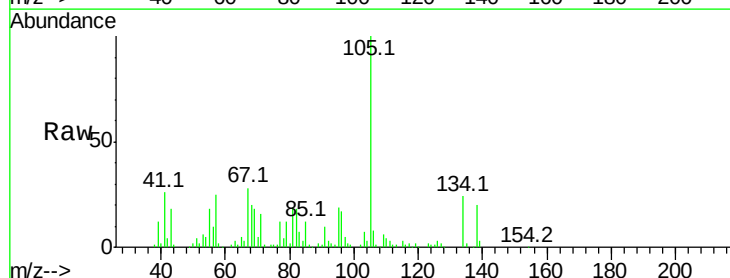
Ion Ratio Lower Upper

105 100

71 15.7 4.4 6.6#

51 4.2 22.3 33.5#

120 0.3 16.9 25.3#

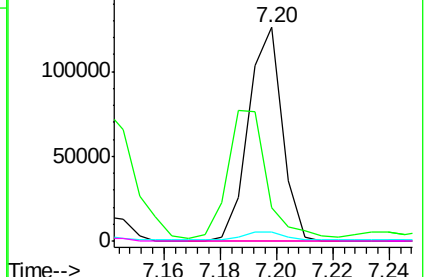
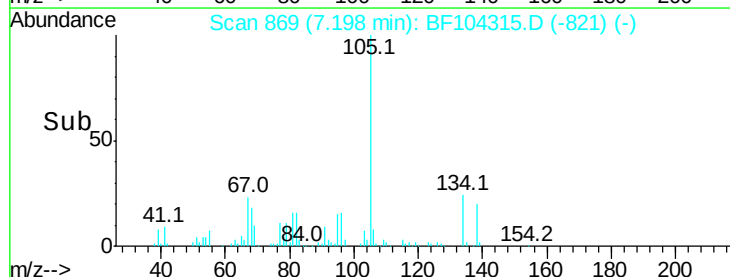


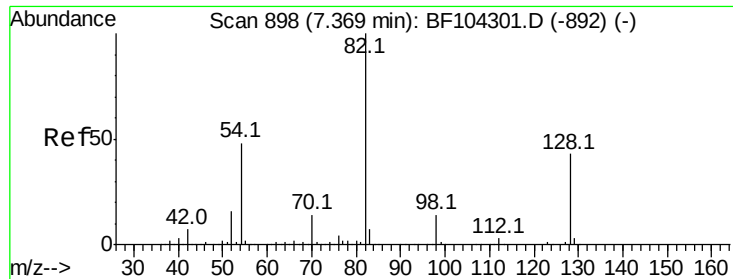
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

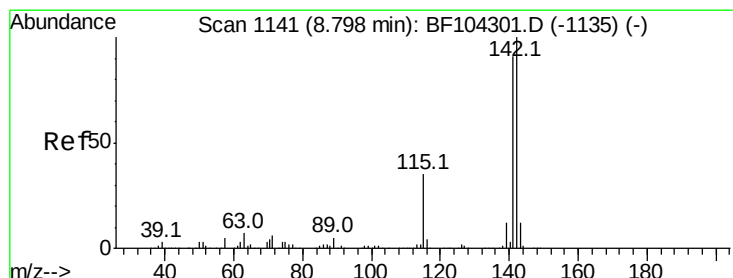
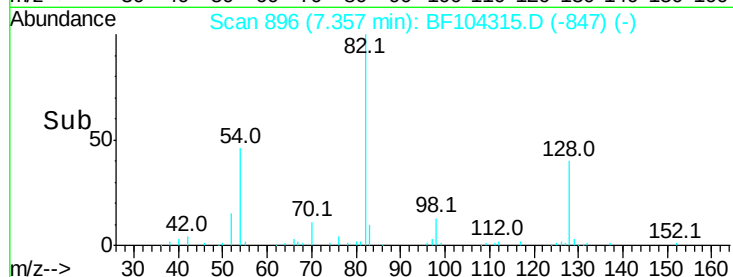
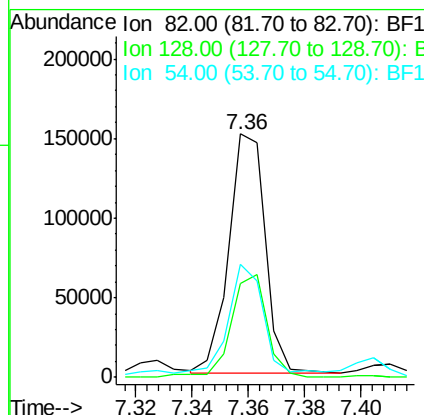
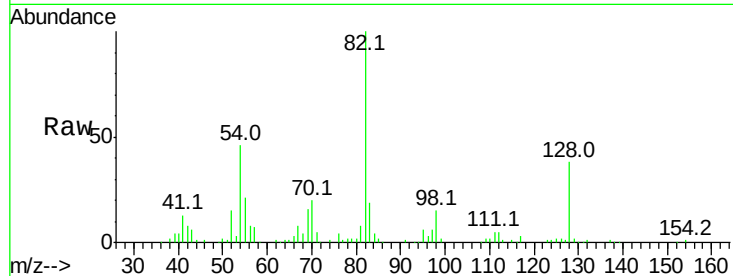




#23
 Nitrobenzene-d5
 Concen: 18.865 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104315.D
 Acq: 6 Apr 2018 19:44

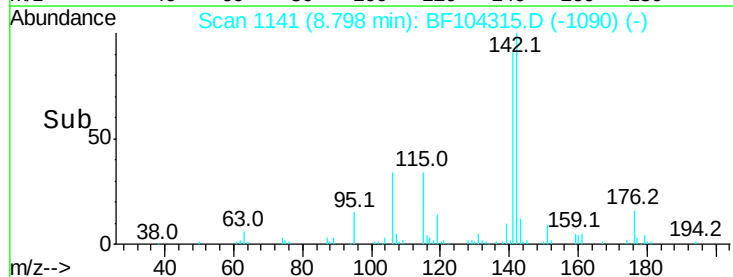
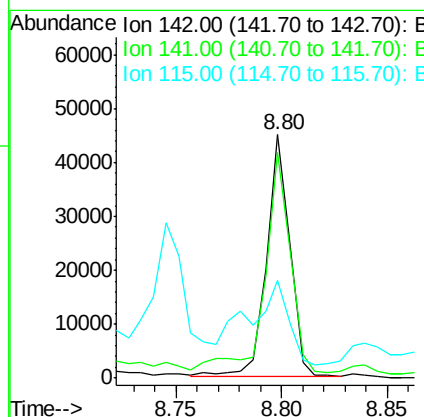
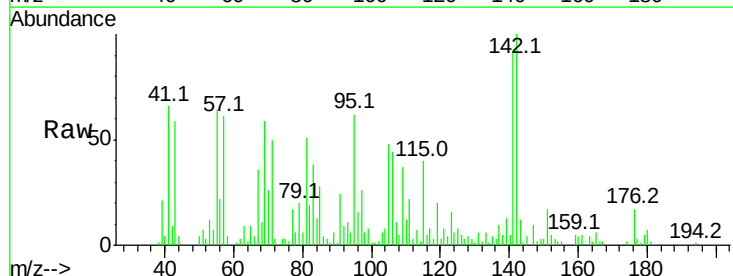
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-C

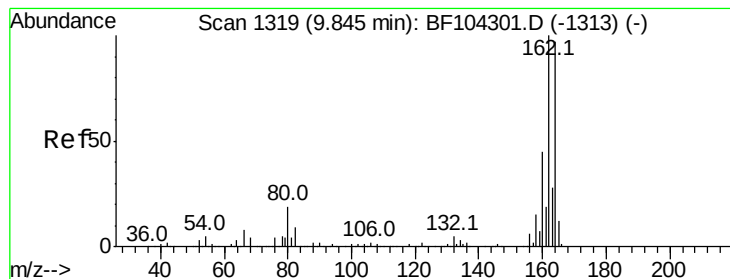
Tot Ion	82	Resp	135455
Ion Ratio	100	Lower	Upper
128	38.5	36.1	54.1
54	46.2	41.4	62.2



#37
 2-Methylnaphthalene
 Concen: 2.273 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF104315.D
 Acq: 6 Apr 2018 19:44

Tgt Ion	142	Resp	34322
Ion Ratio	100	Lower	Upper
141	92.5	70.8	106.2
115	39.9	26.1	39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-C

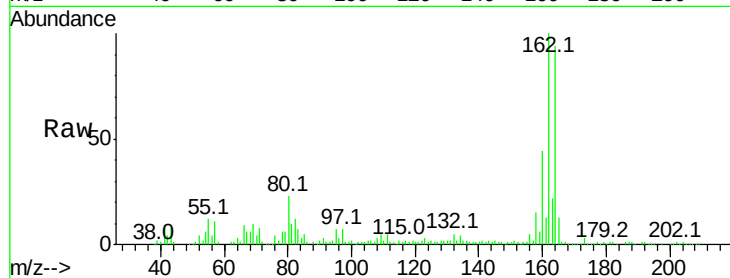
Tot Ion:164 Resp: 210594

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

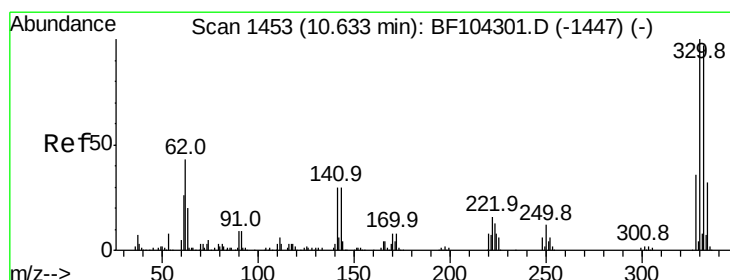
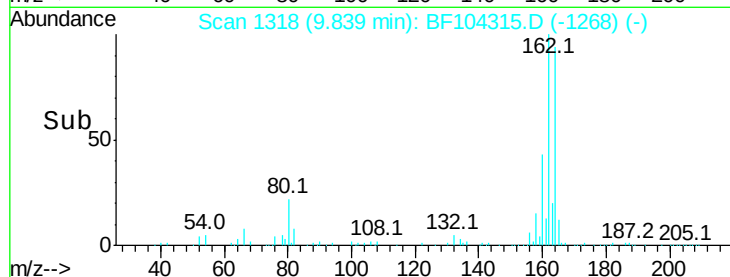
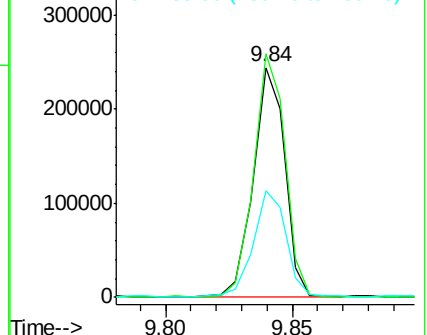
160 46.2 38.3 57.5



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: 19.132 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

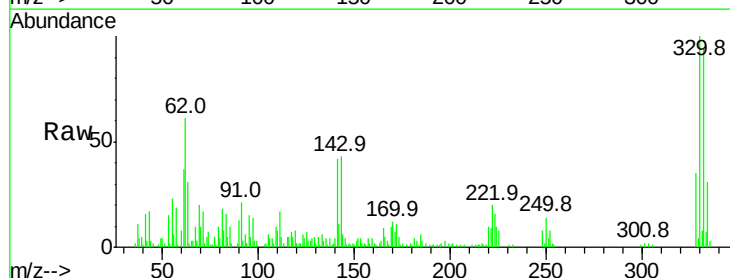
Tgt Ion:330 Resp: 41794

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

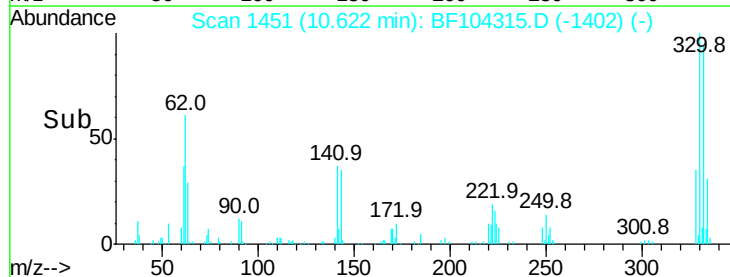
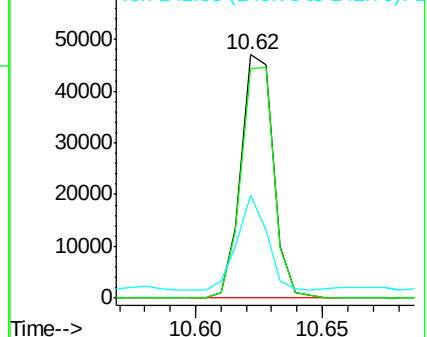
141 35.6 29.9 44.9

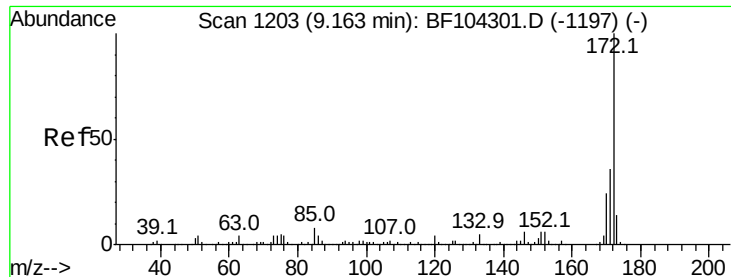


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

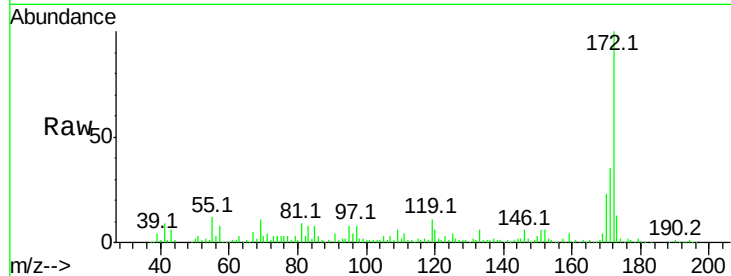




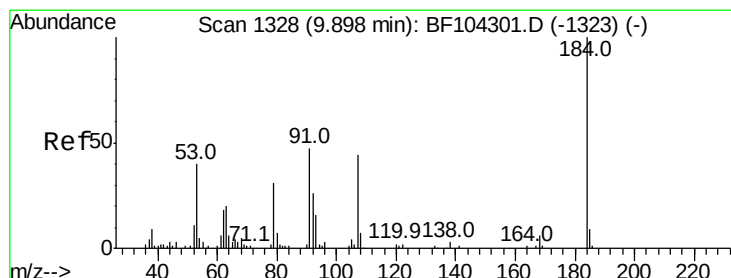
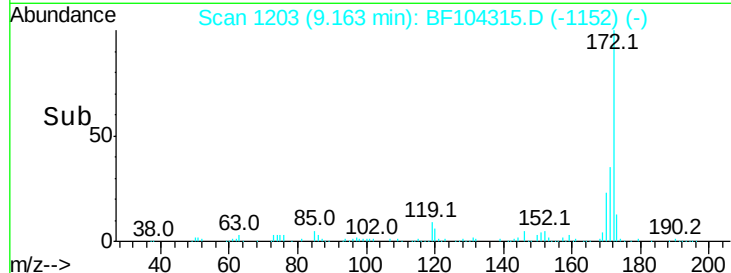
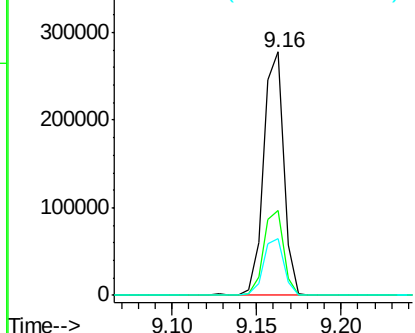
#44
 2-Fluorobiphenyl
 Concen: 17.314 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104315.D
 Acq: 6 Apr 2018 19:44

Instrument :
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 ClientSampleId :
 HR-06-040418-C

Tot Ion:172 Resp: 230814
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.1 19.6 29.4

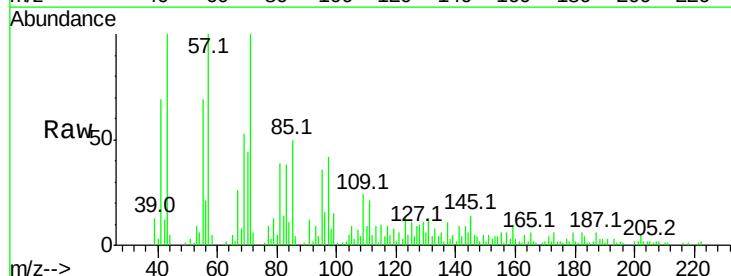


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

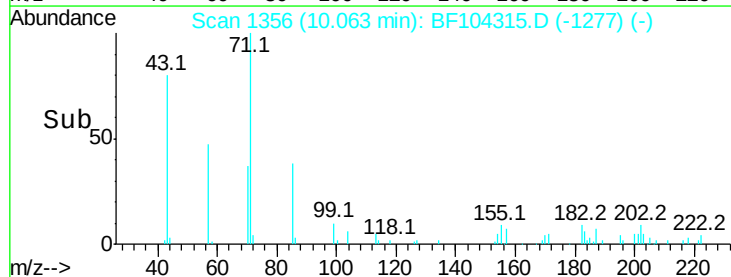
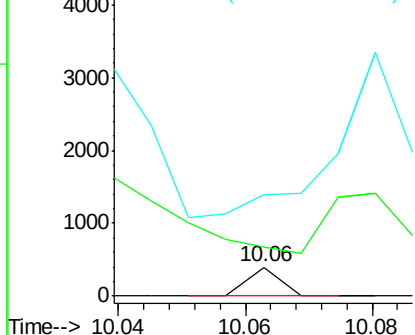


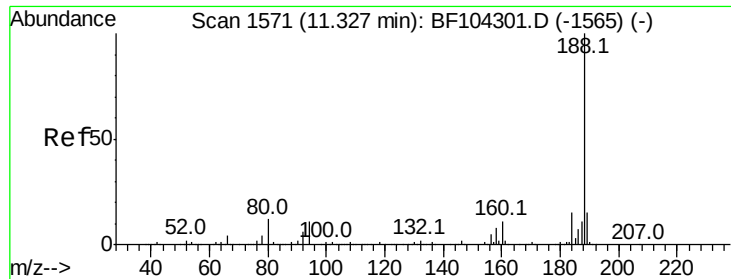
#53
 2,4-Dinitrophenol
 Concen: 5.290 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.16 min
 Lab File: BF104315.D
 Acq: 6 Apr 2018 19:44

Tgt Ion:184 Resp: 139
 Ion Ratio Lower Upper
 184 100
 63 170.4 54.2 81.2#
 154 354.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-C

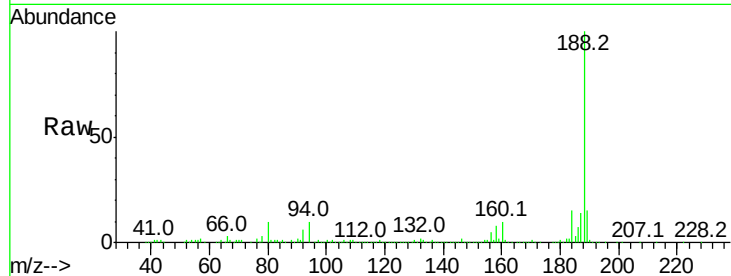
Tot Ion:188 Resp: 322369

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

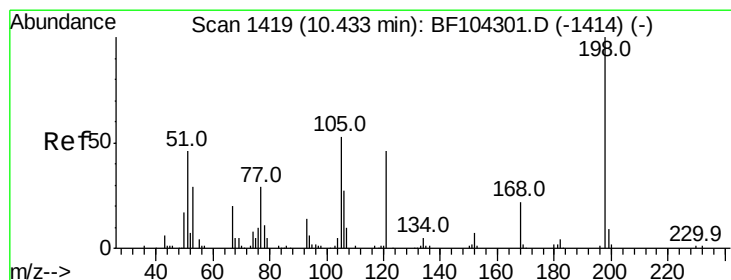
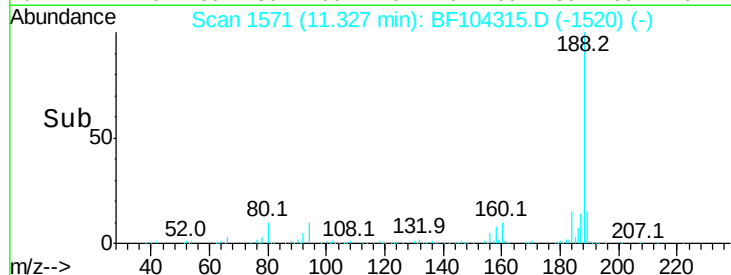
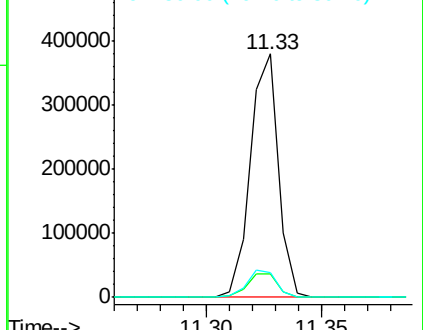
80 10.1 9.2 13.8



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: 7.418 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.11 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

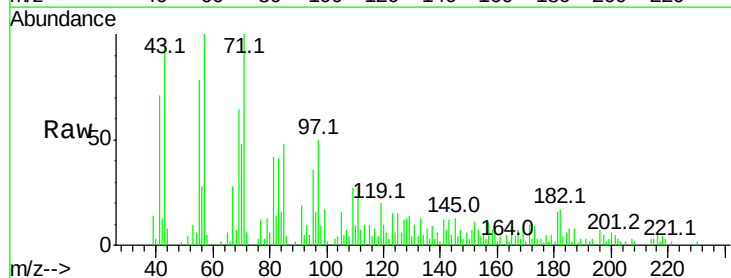
Tgt Ion:198 Resp: 132

Ion Ratio Lower Upper

198 100

51 200.8 37.7 77.7#

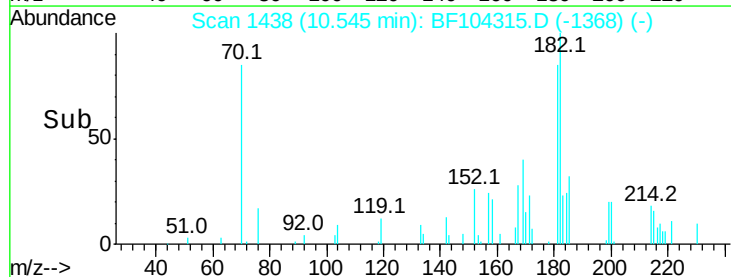
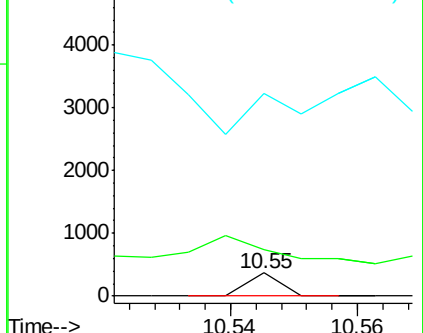
105 865.7 36.3 76.3#

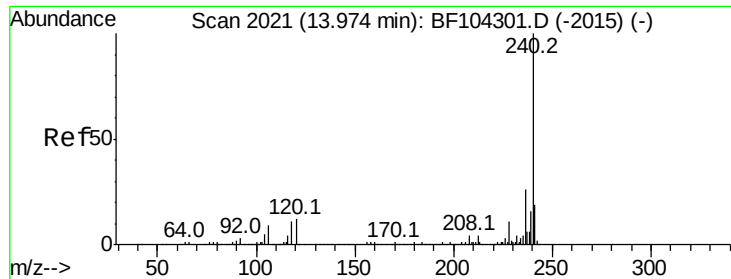


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-C

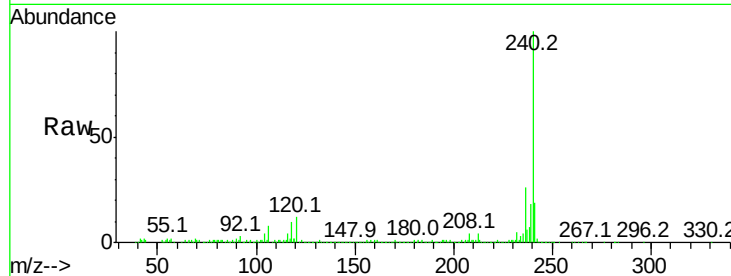
Tot Ion:240 Resp: 274927

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

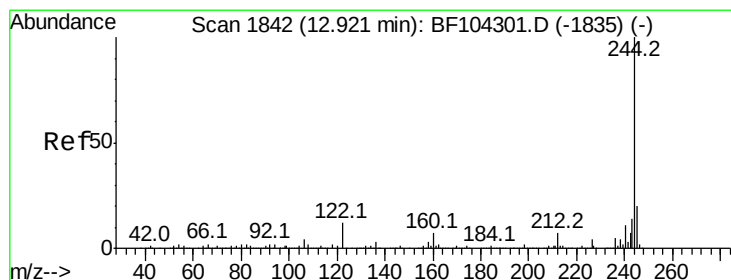
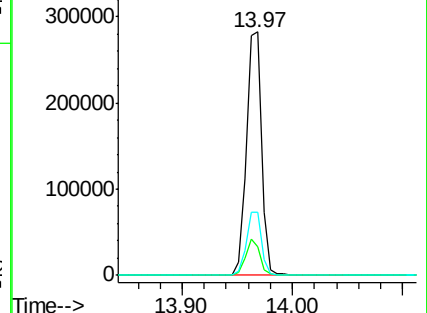
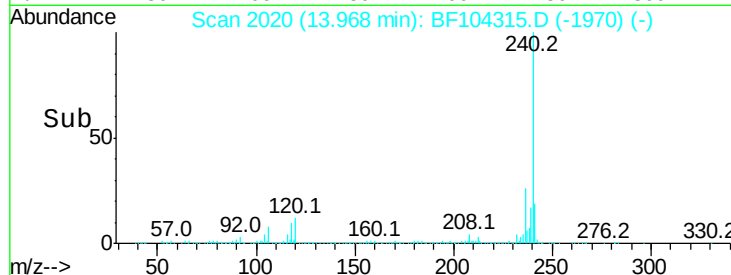
236 26.0 20.7 31.1



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: 13.100 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104315.D

Acq: 6 Apr 2018 19:44

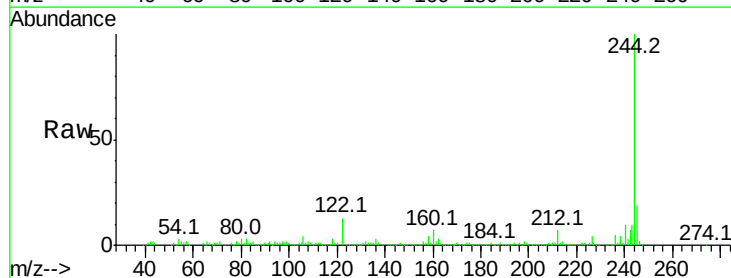
Tgt Ion:244 Resp: 157969

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

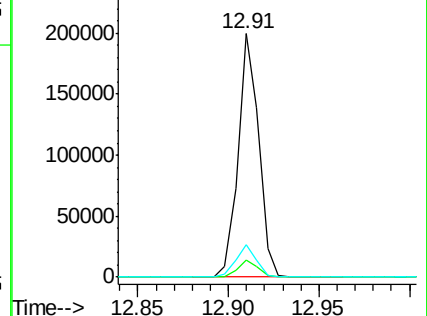
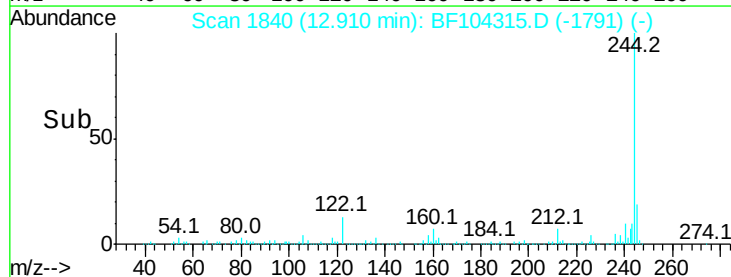
122 13.3 11.0 16.4

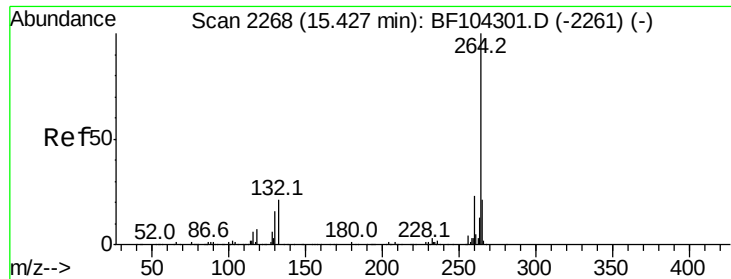


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

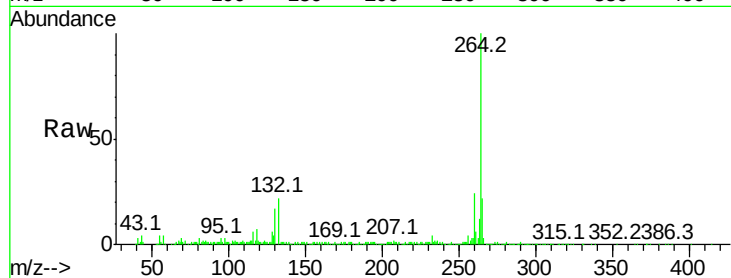




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104315.D
Acq: 6 Apr 2018 19:44

Instrument :
BNA_F
ClientSampleId :
HR-06-040418-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

