

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104498.D
 Acq On : 14 Apr 2018 00:02
 Operator : JU/SJ
 Sample : PB108229BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 05:19:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

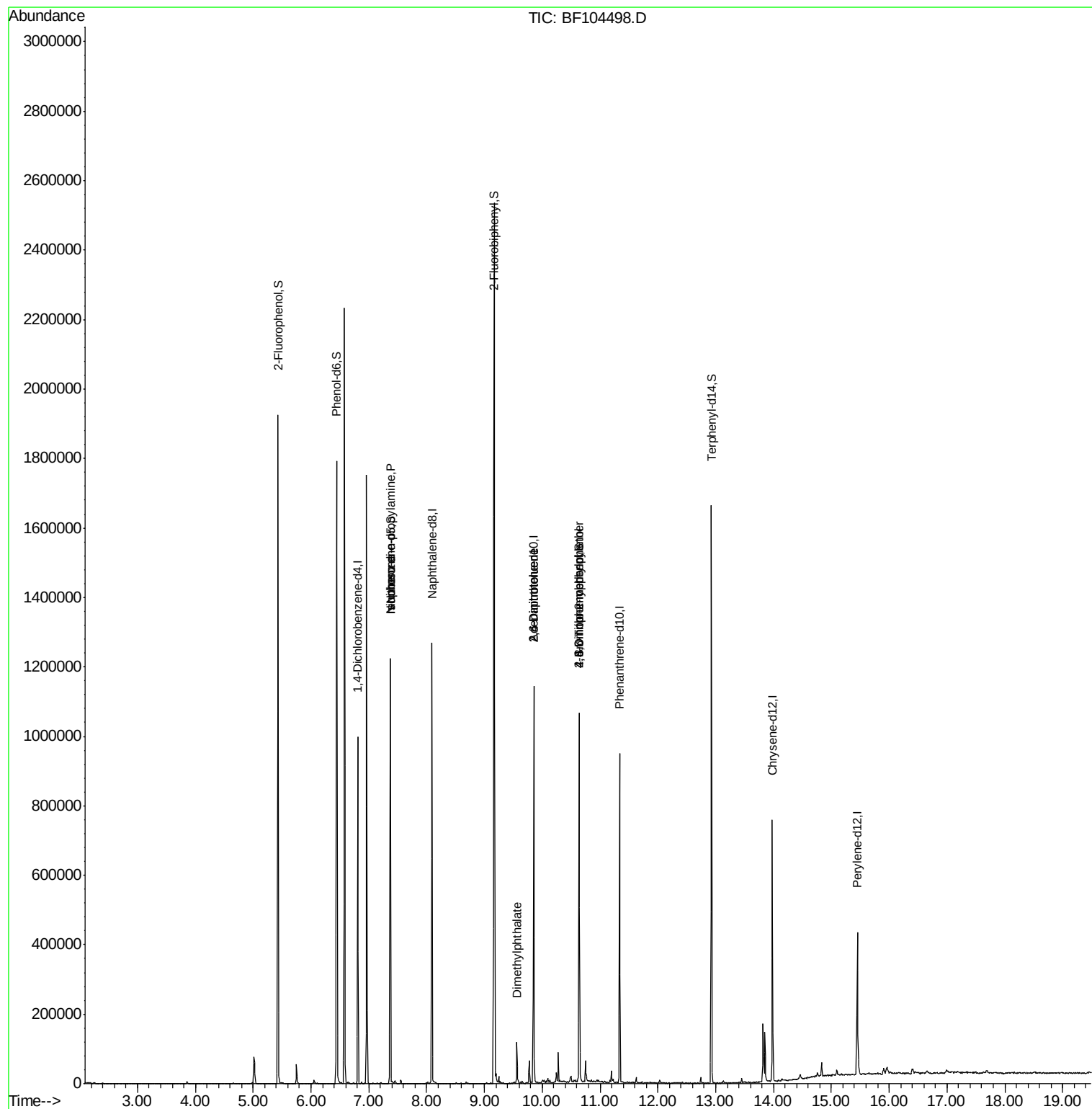
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132878	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	515697	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	215874	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	322691	20.00	ng	0.00
75) Chrysene-d12	13.98	240	248928	20.00	ng	-0.01
86) Perylene-d12	15.45	264	183831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	556903	64.08	ng	0.00
7) Phenol-d6	6.45	99	673327	63.06	ng	0.00
23) Nitrobenzene-d5	7.37	82	407951	51.66	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	117248	52.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	747561	54.71	ng	0.00
78) Terphenyl-d14	12.93	244	538768	49.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	52934	7.587	ng	# 72
25) Isophorone	7.37	82	408015	24.431	ng	# 64
49) Dimethylphthalate	9.56	163	44358	2.606	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	27023	8.579	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	27023	6.540	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	128	7.416	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	7272	2.119	ng	# 1
76) Benzidine	12.93	184	6628	Below Cal		98

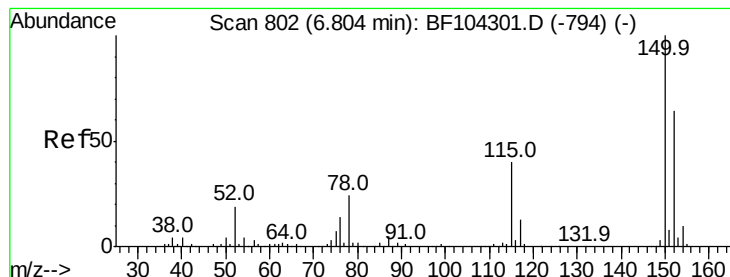
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104498.D
Acq On : 14 Apr 2018 00:02
Operator : JU/SJ
Sample : PB108229BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 14 05:19:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



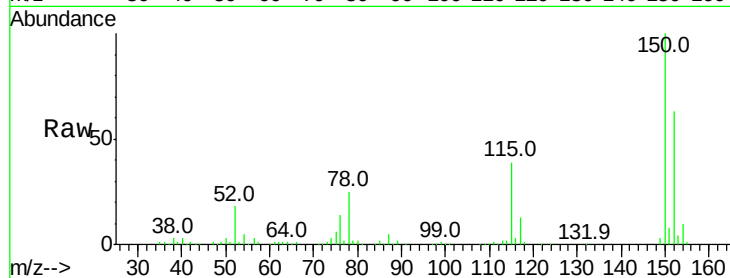


#1

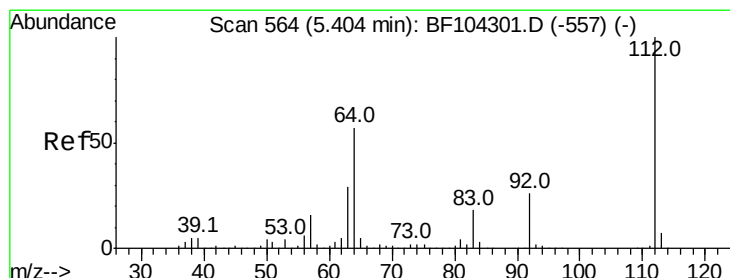
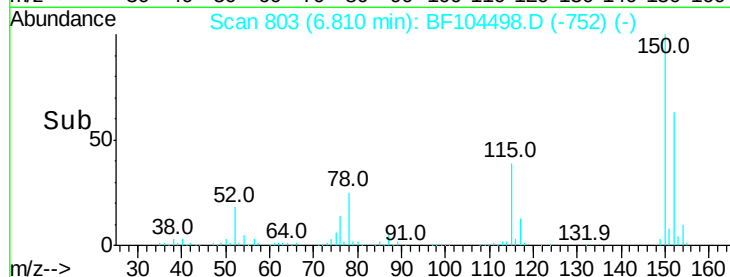
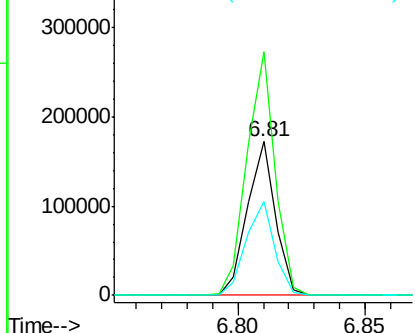
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132878
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.4 50.1 75.1



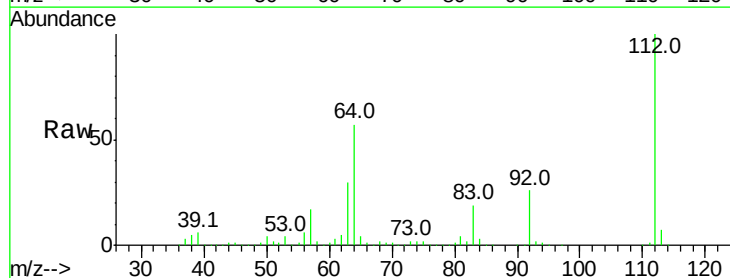
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



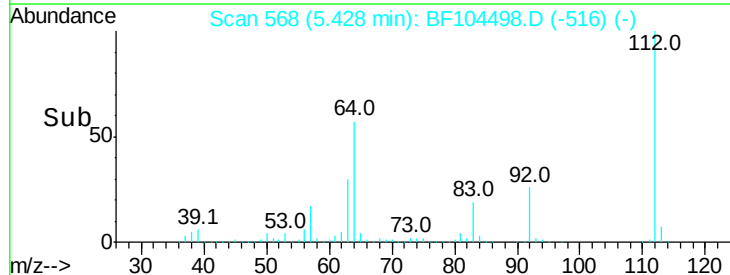
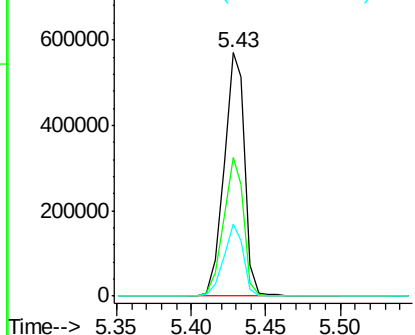
#5

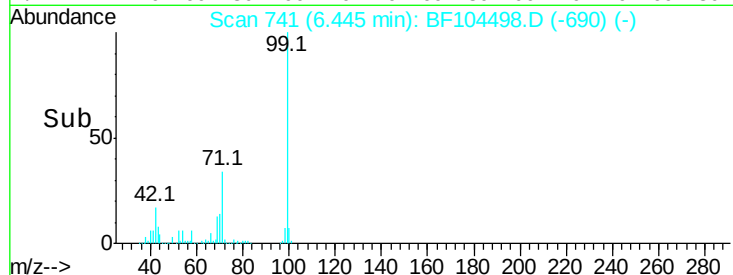
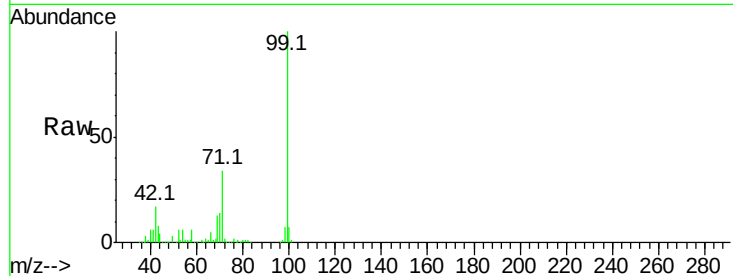
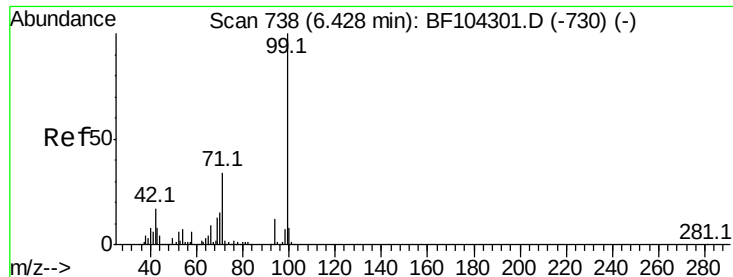
2-Fluorophenol
Concen: 64.084 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:112 Resp: 556903
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.7 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: 63.061 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

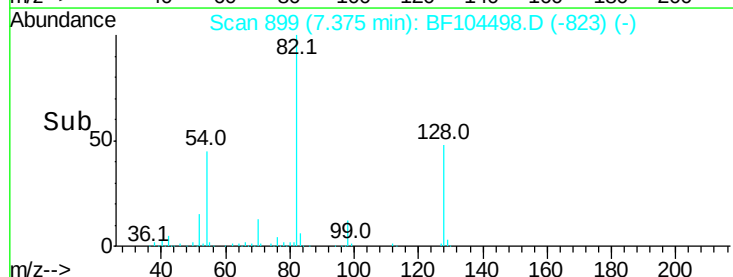
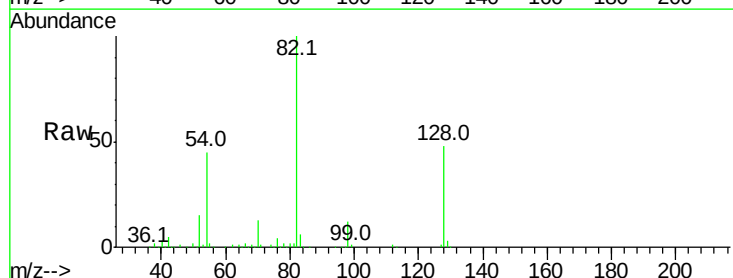
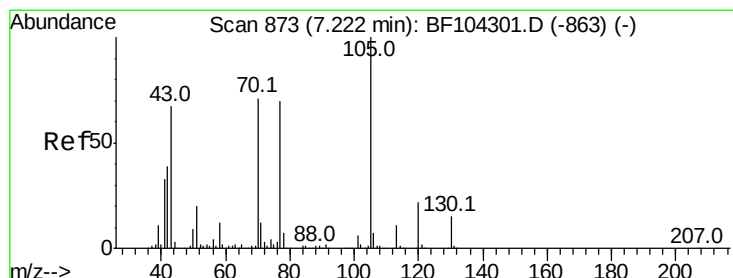
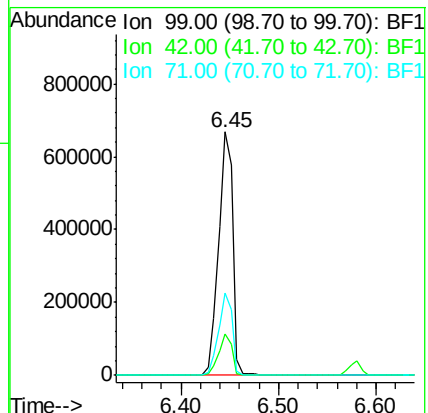
Tot Ion: 99 Resp: 673327

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.587 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Tgt Ion: 70 Resp: 52934

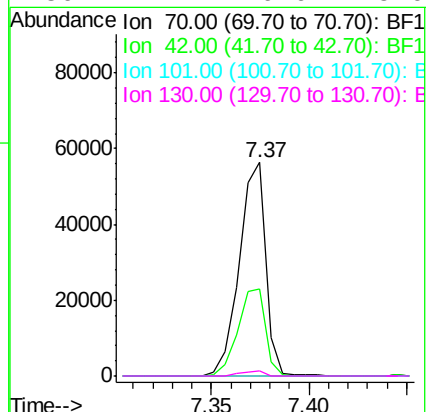
Ion Ratio Lower Upper

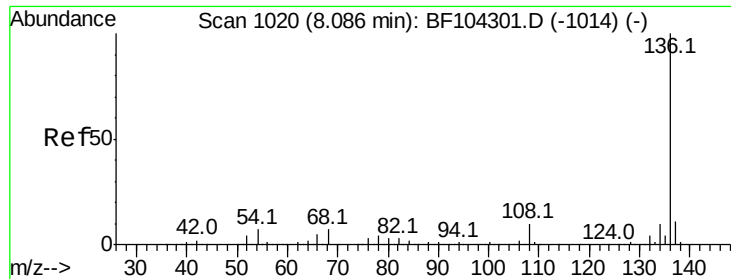
70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

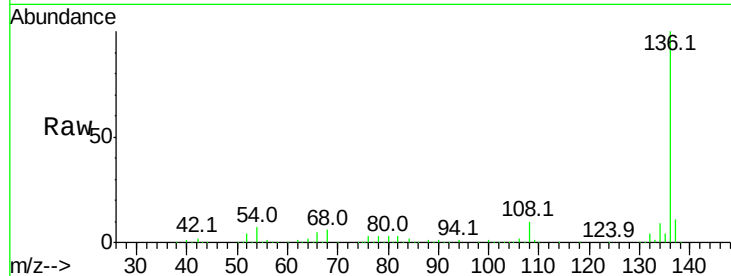




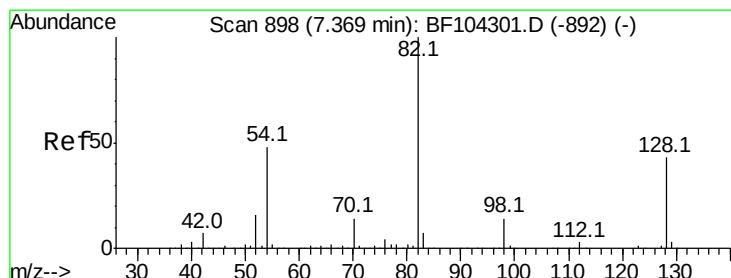
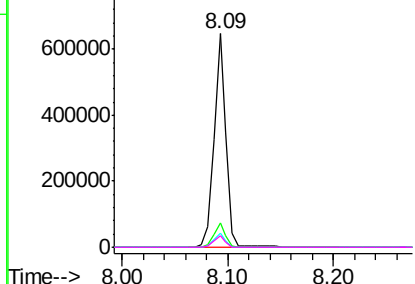
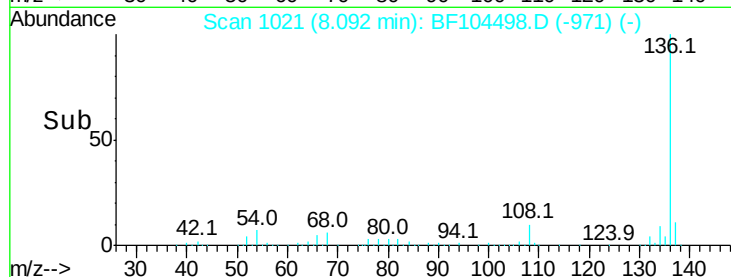
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	515697
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4

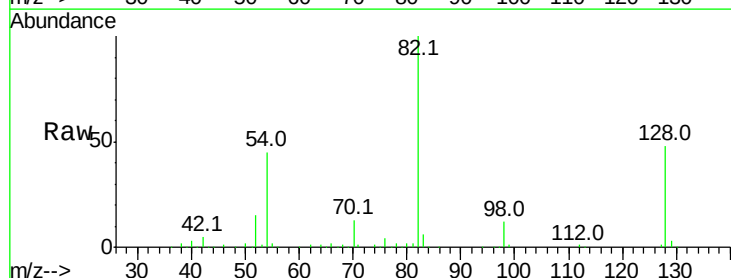


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

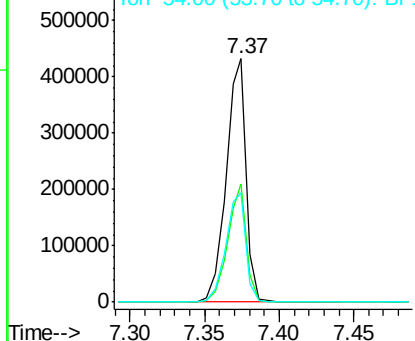
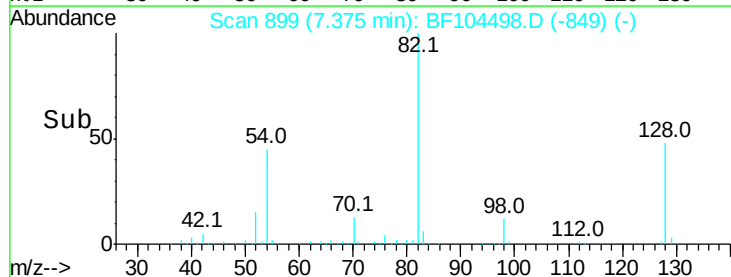


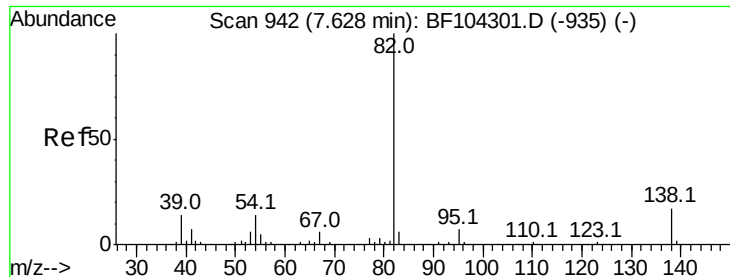
#23
Nitrobenzene-d5
Concen: 51.655 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:	82	Resp:	407951
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	44.7	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: 24.431 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

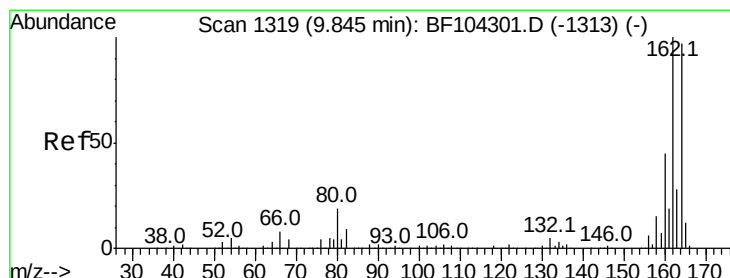
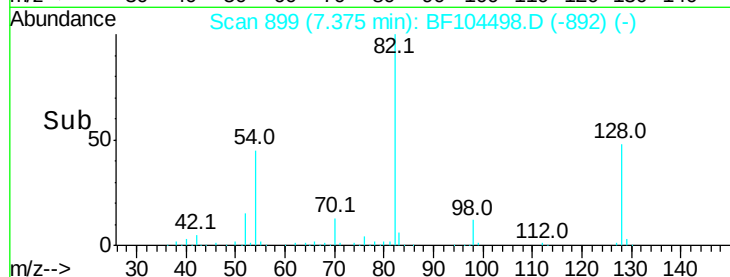
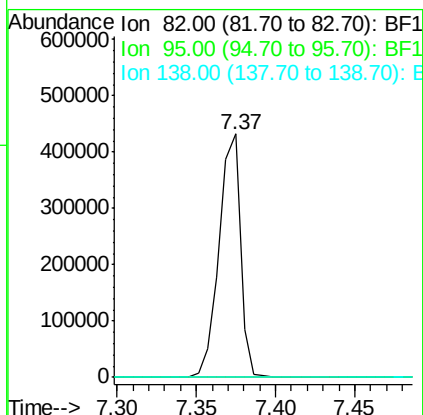
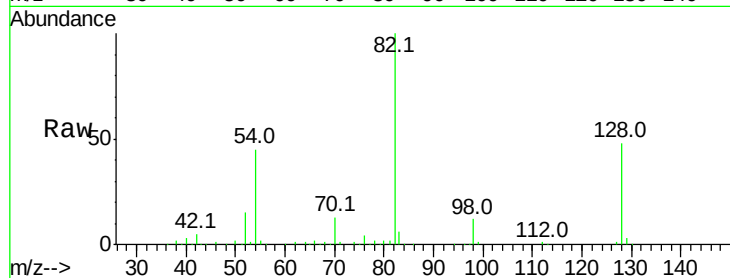
Tot Ion: 82 Resp: 408015

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

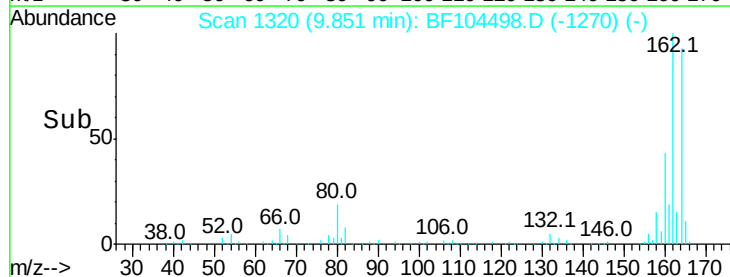
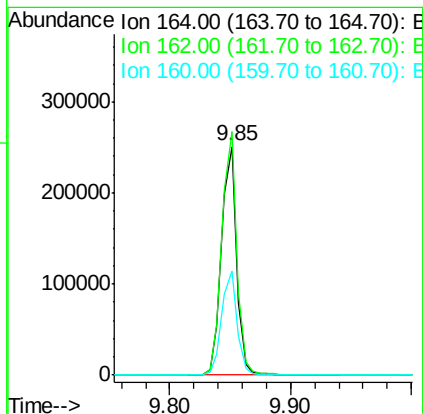
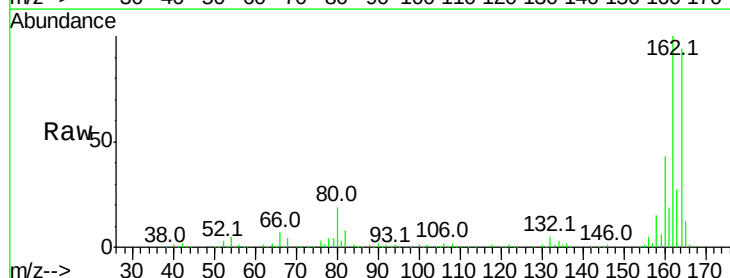
Tgt Ion: 164 Resp: 215874

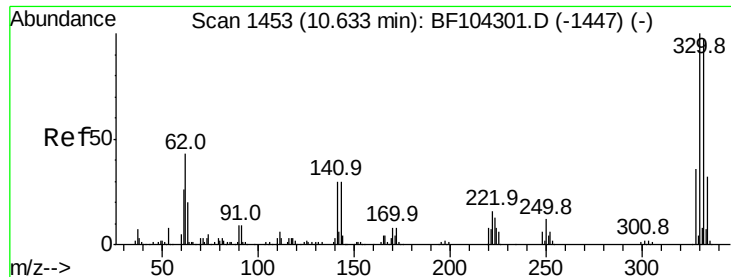
Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

160 45.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 52.359 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

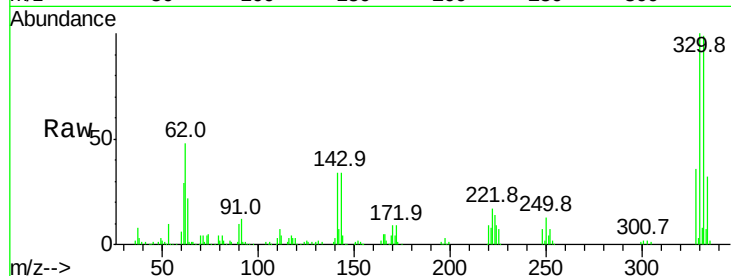
Tot Ion:330 Resp: 117248

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

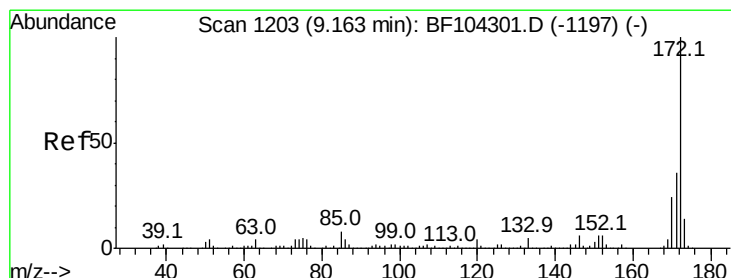
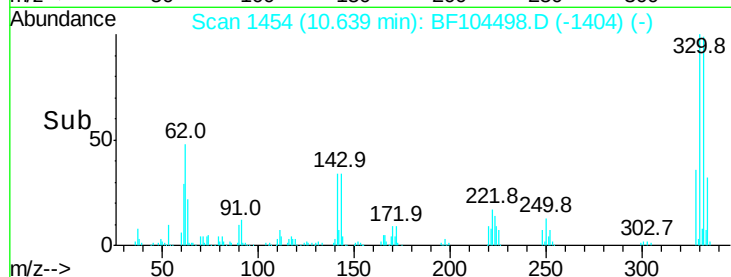
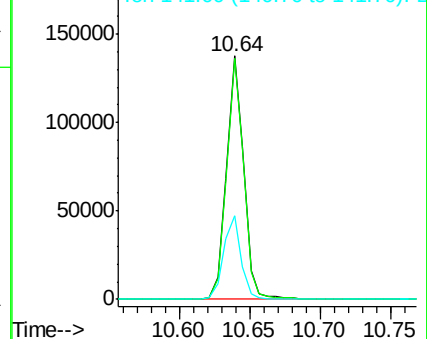
141 34.8 29.9 44.9



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: 54.706 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

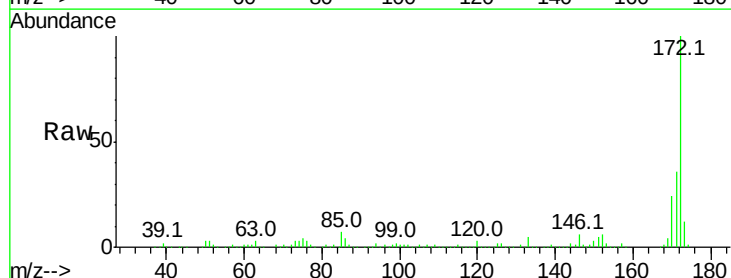
Tgt Ion:172 Resp: 747561

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

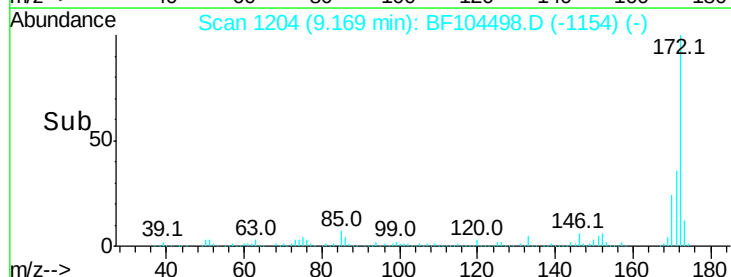
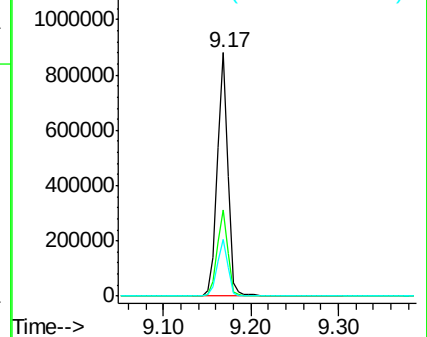
170 23.5 19.6 29.4

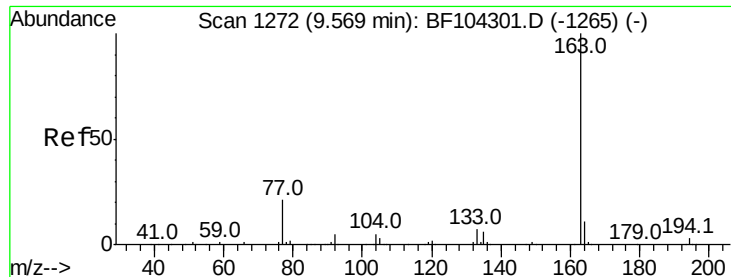


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

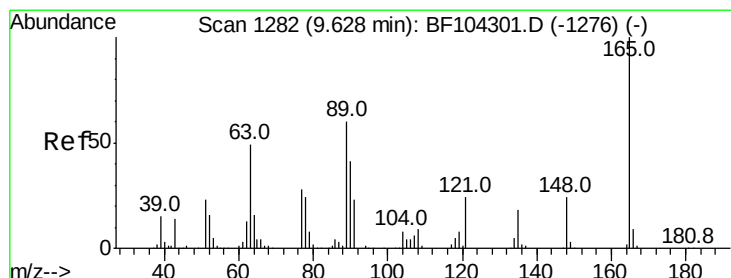
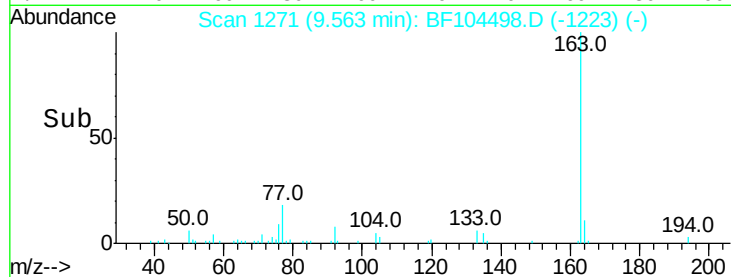
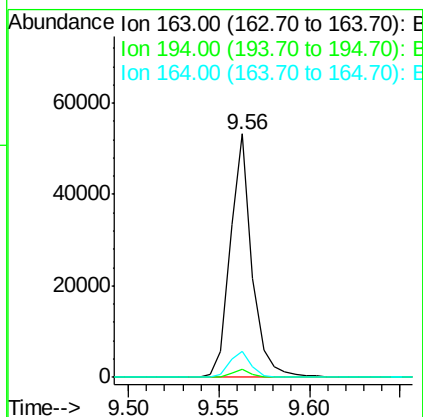
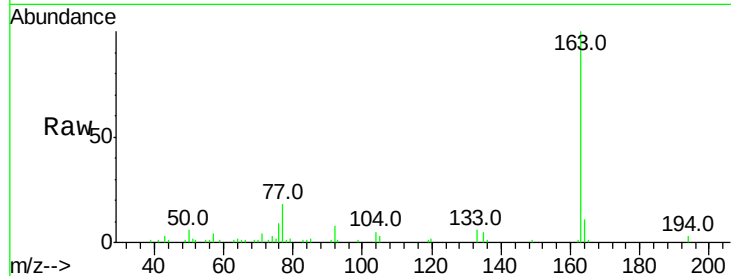




#49
Dimethylphthalate
Concen: 2.606 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

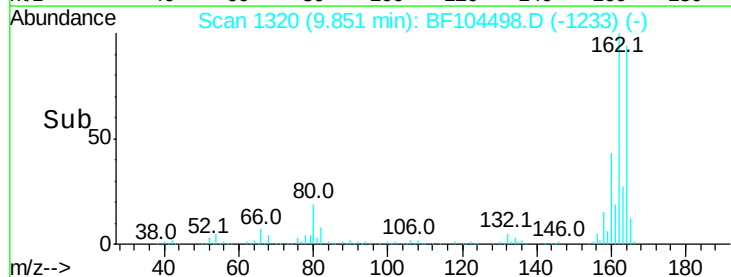
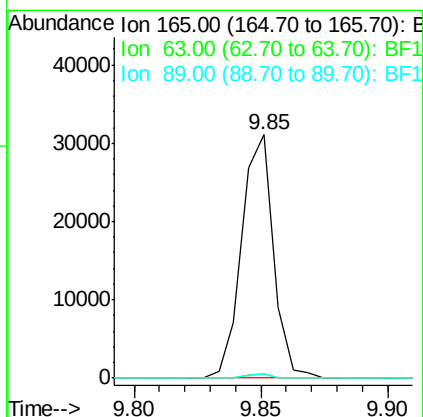
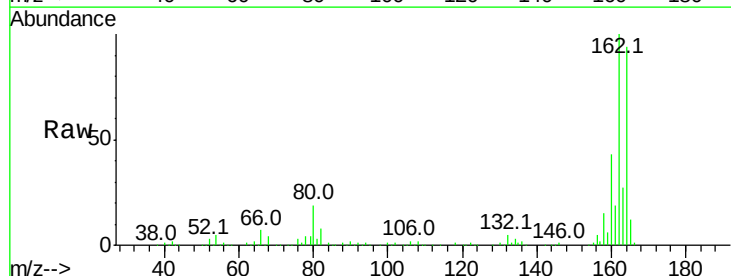
Instrument :
BNA_F
ClientSampleId :

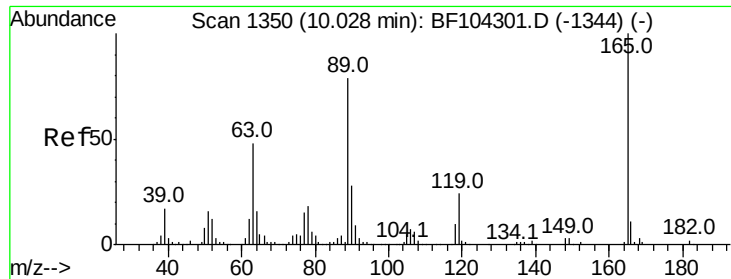
Tot Ion:163 Resp: 44358
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.579 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:165 Resp: 27023
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.9 44.0 66.0#

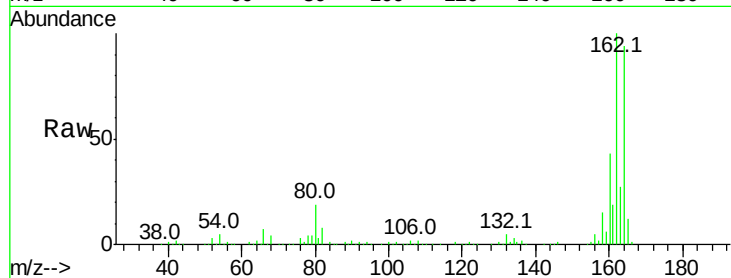




#56
 2,4-Dinitrotoluene
 Concen: 6.540 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104498.D
 Acq: 14 Apr 2018 00:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

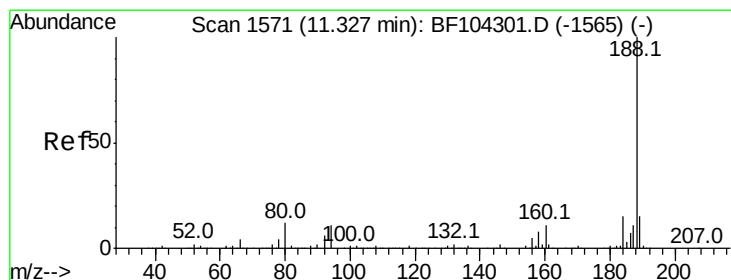
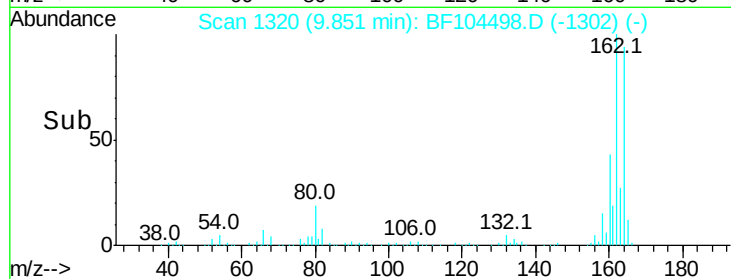
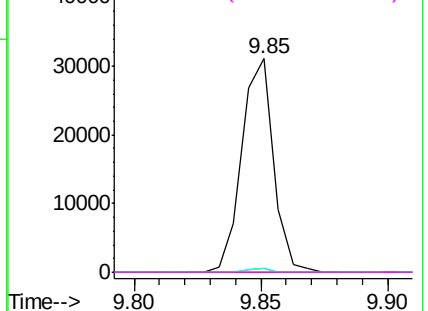


Abundance Ion 165.00 (164.70 to 165.70): E

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



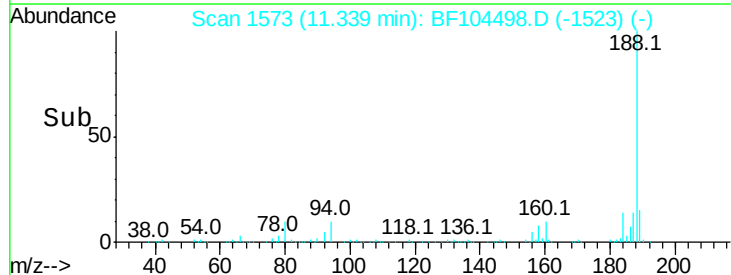
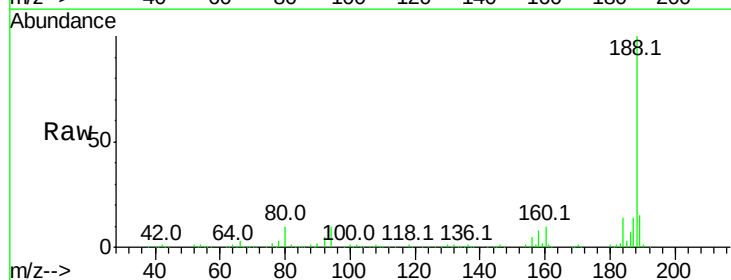
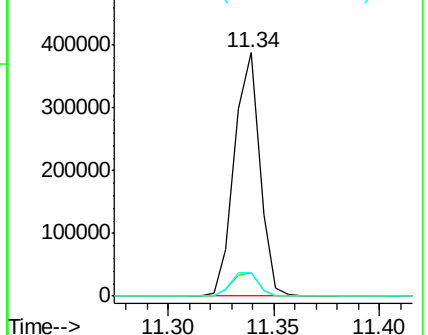
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF104498.D
 Acq: 14 Apr 2018 00:02

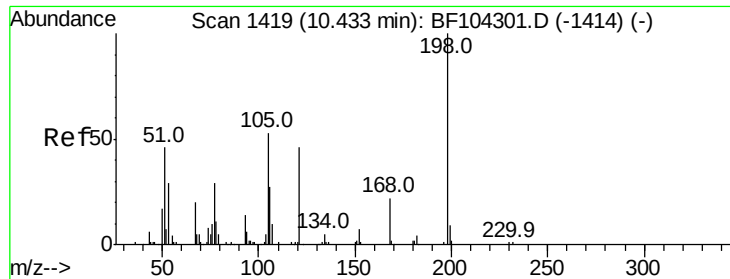
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.7	9.2	13.8

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

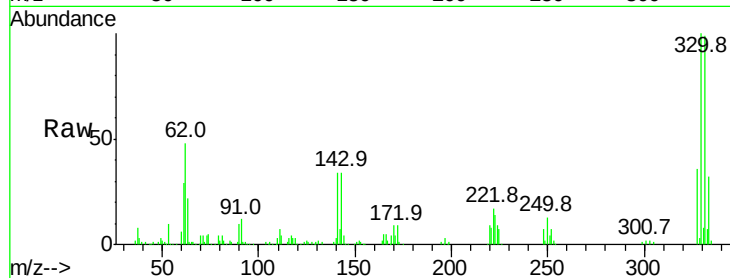




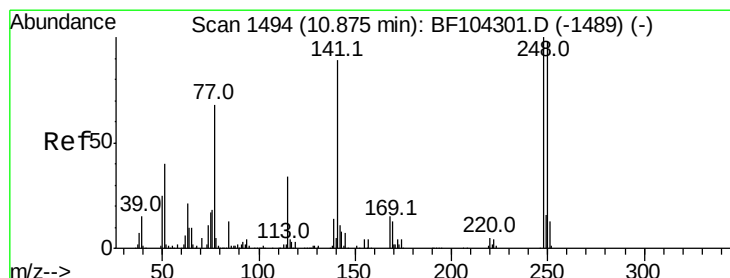
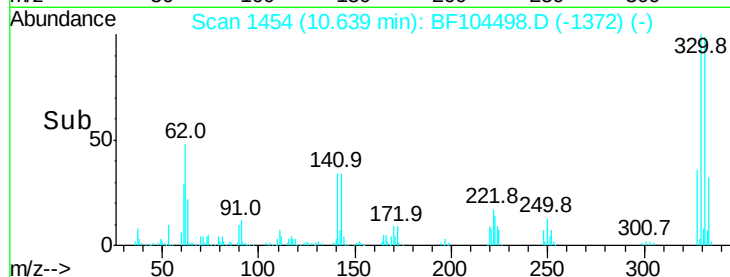
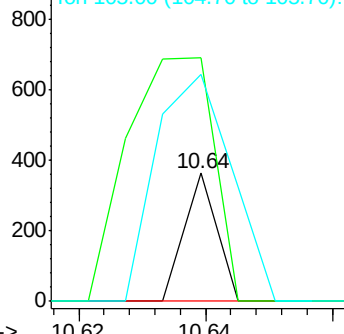
#64
4,6-Dinitro-2-methylphenol
Concen: 7.416 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 128
Ion Ratio Lower Upper
198 100
51 190.6 37.7 77.7#
105 177.9 36.3 76.3#

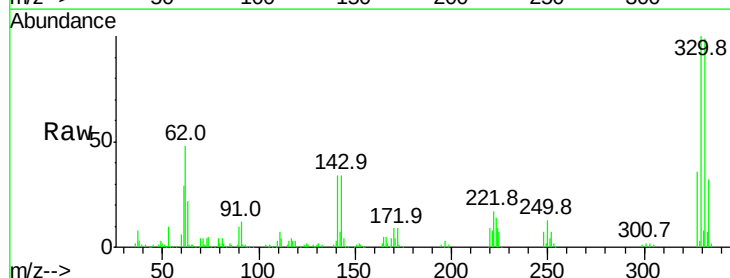


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

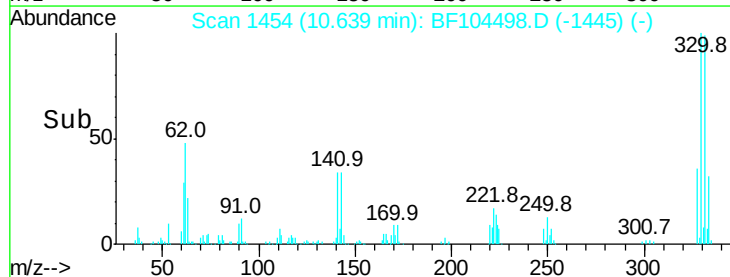
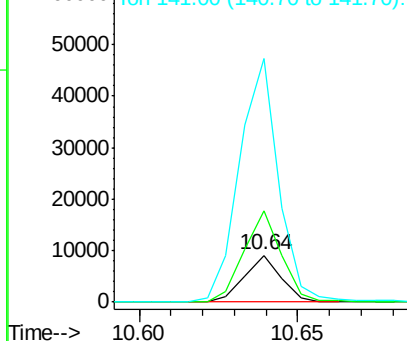


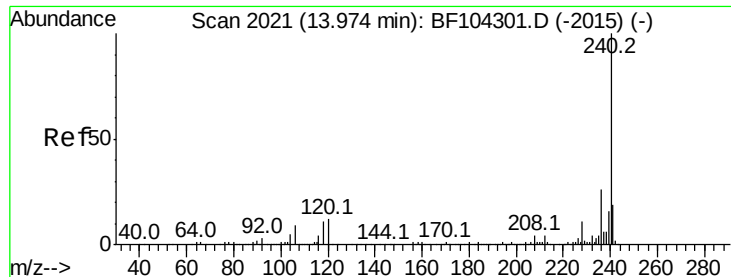
#66
4-Bromophenyl-phenylether
Concen: 2.119 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Tgt Ion:248 Resp: 7272
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 522.8 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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

Instrument :

BNA_F

ClientSampleId :

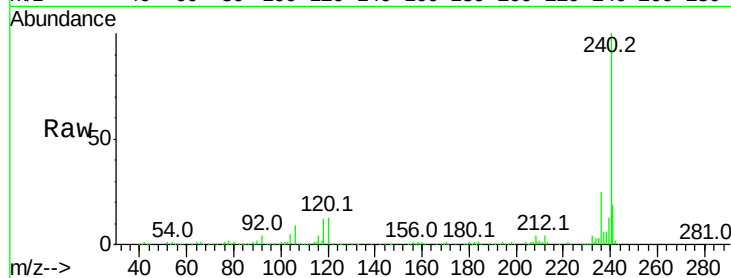
Tot Ion:240 Resp: 248928

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

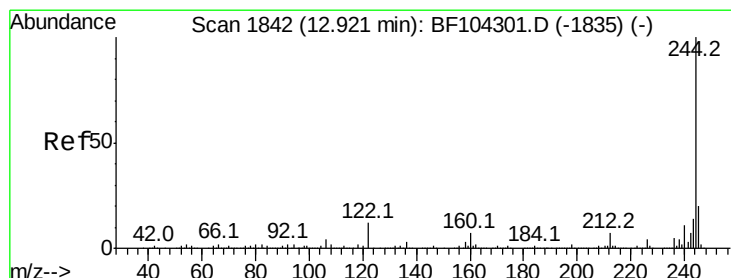
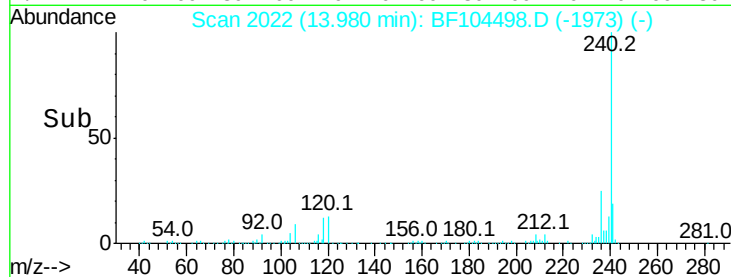
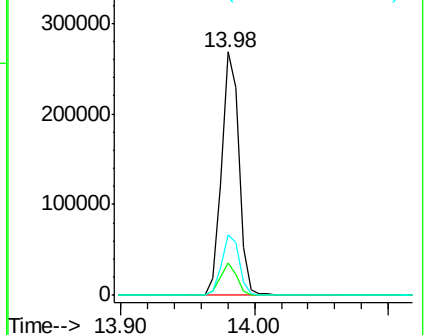
236 24.9 20.7 31.1



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: 49.344 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104498.D

Acq: 14 Apr 2018 00:02

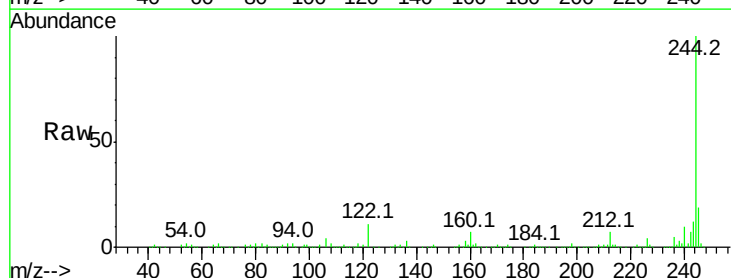
Tgt Ion:244 Resp: 538768

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

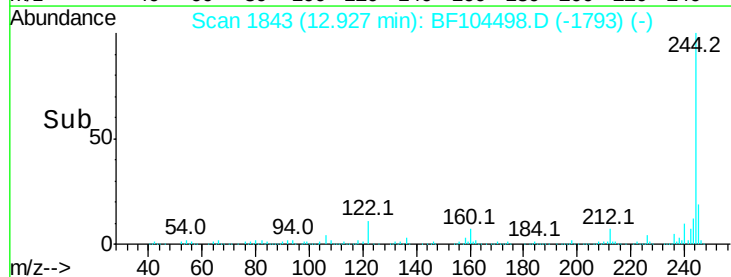
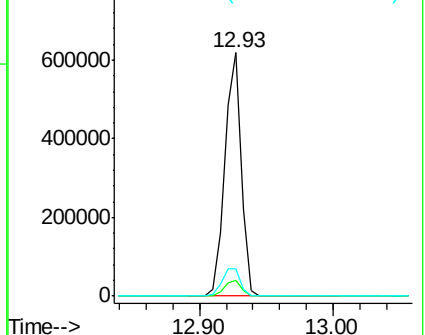
122 11.3 11.0 16.4

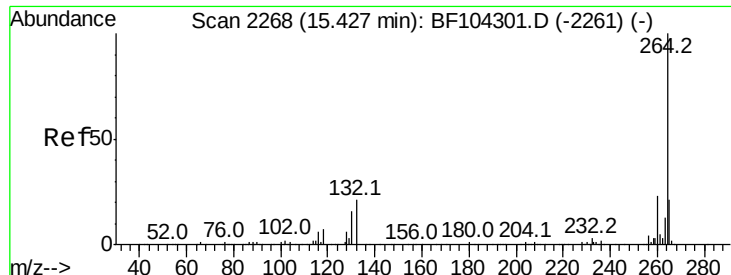


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

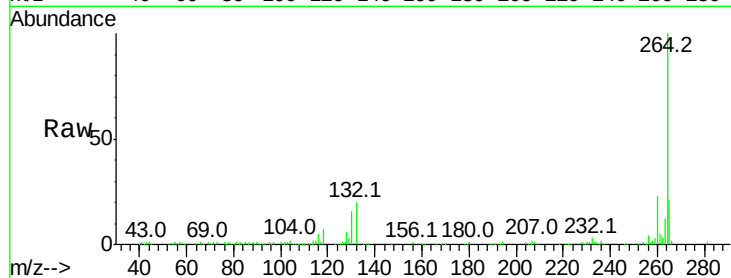




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104498.D
Acq: 14 Apr 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	183831
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	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

