

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104465.D
 Acq On : 12 Apr 2018 21:37
 Operator : JU/SJ
 Sample : J2337-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 00:17:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107066	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	398732	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	149532	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	238419	20.00	ng	0.00
75) Chrysene-d12	13.99	240	205014	20.00	ng	0.00
86) Perylene-d12	15.46	264	143905	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	874412	124.88	ng	0.02
7) Phenol-d6	6.45	99	981414	114.07	ng	0.00
23) Nitrobenzene-d5	7.38	82	690818	113.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	206174	132.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1136203	120.04	ng	0.00
78) Terphenyl-d14	12.93	244	973667	108.28	ng	0.00

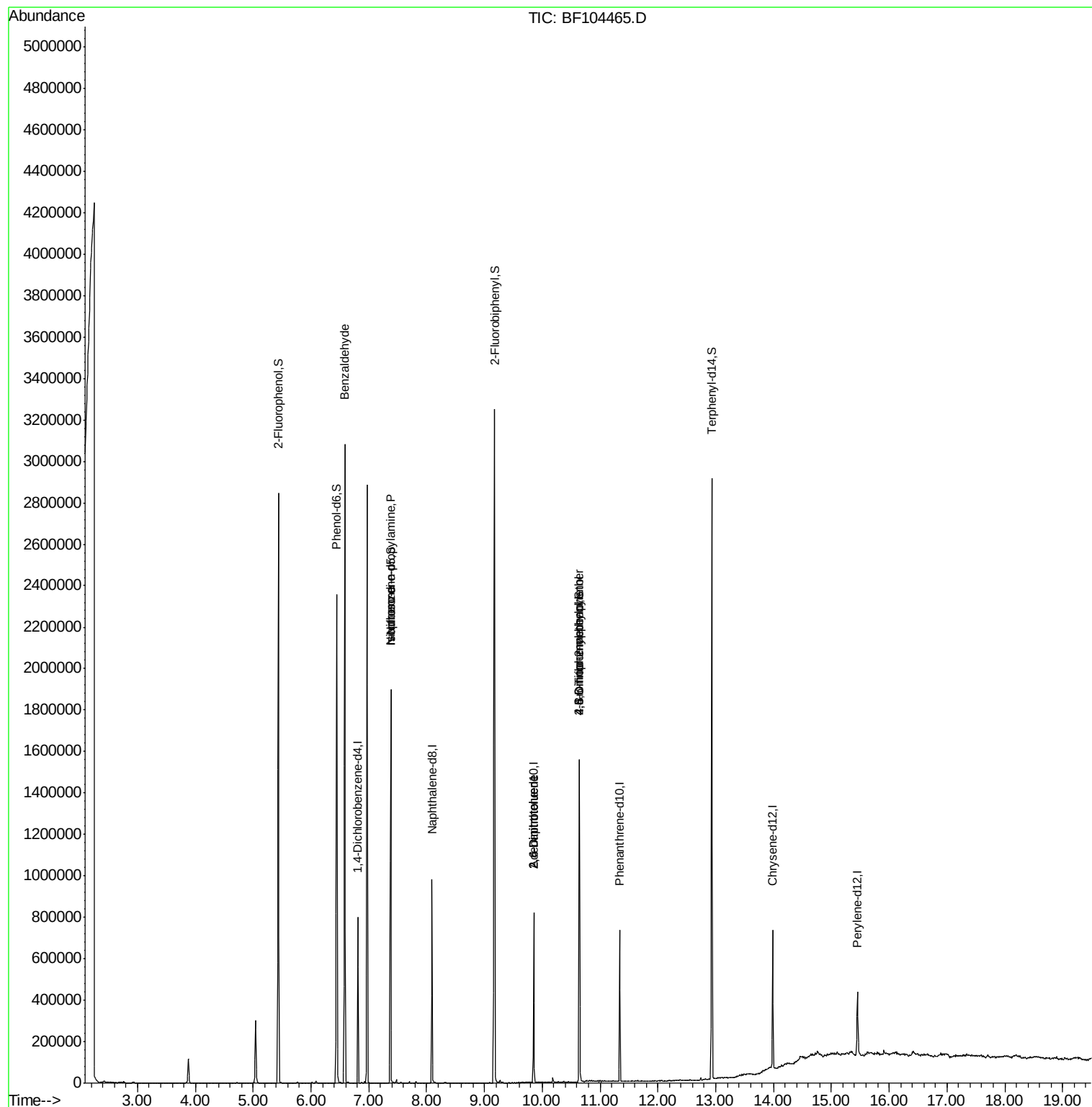
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	20203	2.314	ng	82
19) n-Nitroso-di-n-propylamine	7.38	70	91765	16.323	ng	# 72
25) Isophorone	7.38	82	690811	53.499	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	18855	8.641	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	18855	6.588	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	531	7.734	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	12927	5.097	ng	# 1
76) Benzydine	12.93	184	13002	Below Cal		98

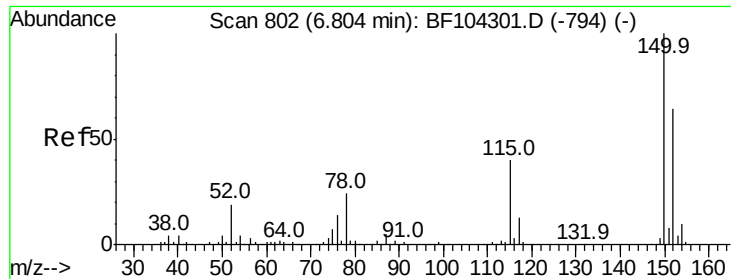
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104465.D
Acq On : 12 Apr 2018 21:37
Operator : JU/SJ
Sample : J2337-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 00:17:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



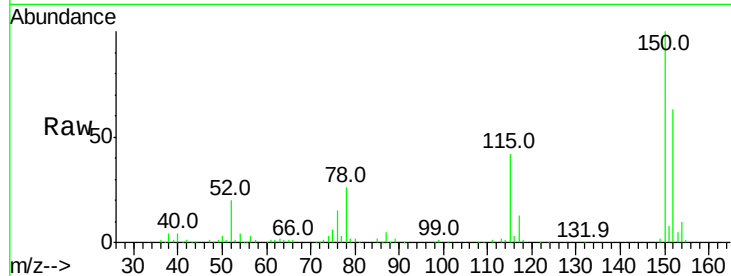


#1

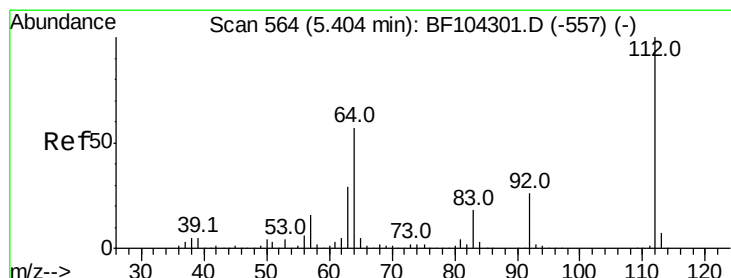
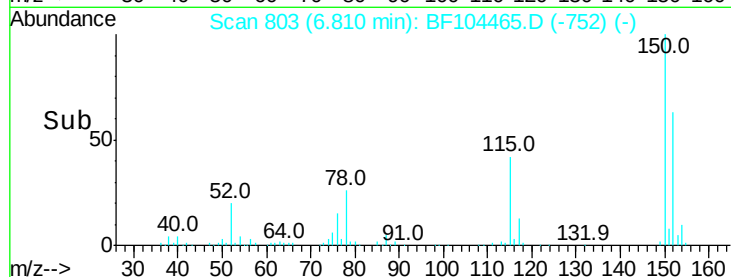
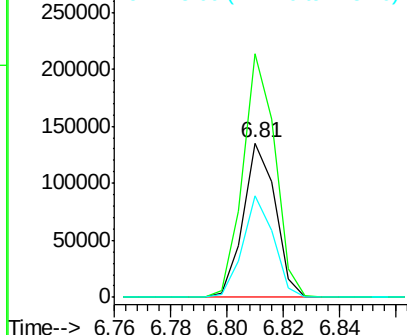
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107066
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 65.4 50.1 75.1



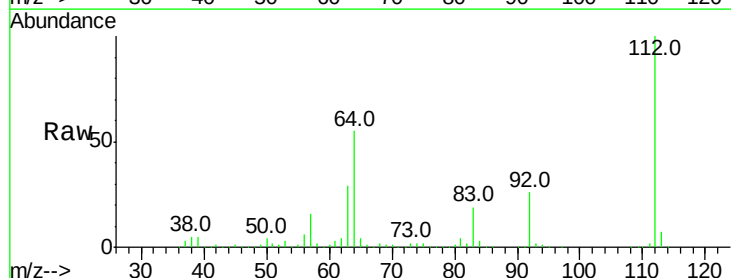
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



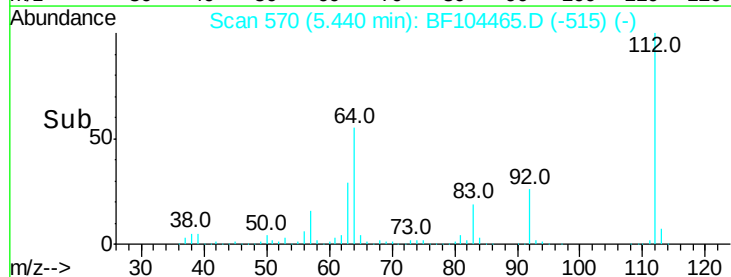
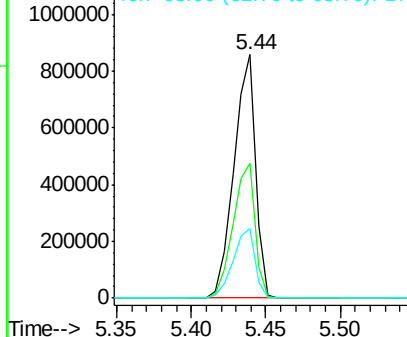
#5

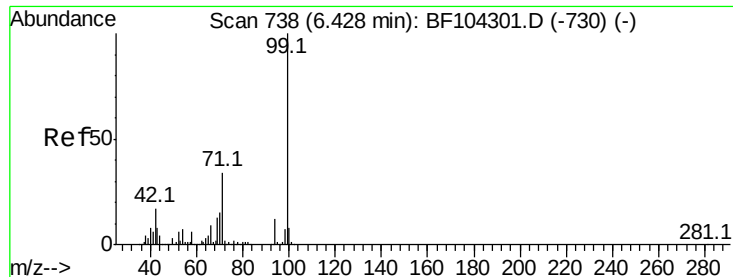
2-Fluorophenol
Concen: 124.879 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion:112 Resp: 874412
Ion Ratio Lower Upper
112 100
64 55.2 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: 114.074 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampled :

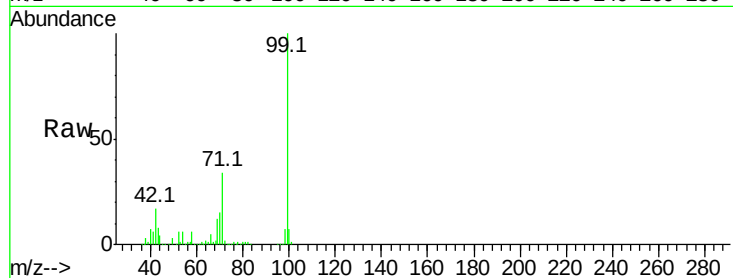
Tot Ion: 99 Resp: 981414

Ion Ratio Lower Upper

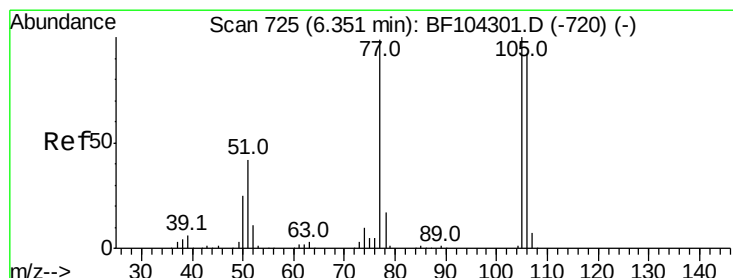
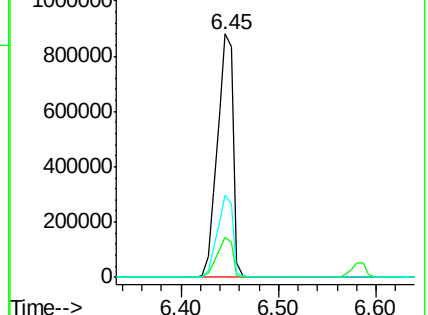
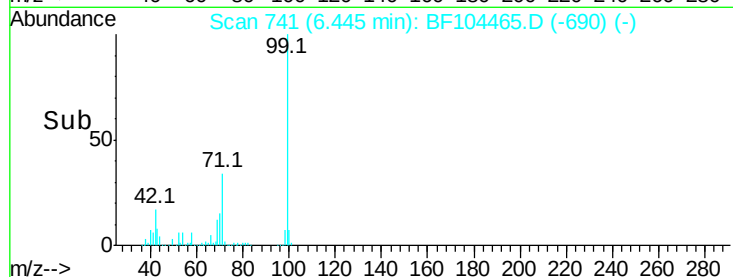
99 100

42 16.6 14.5 21.7

71 34.0 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



#9

Benzaldehyde

Concen: 2.314 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.22 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

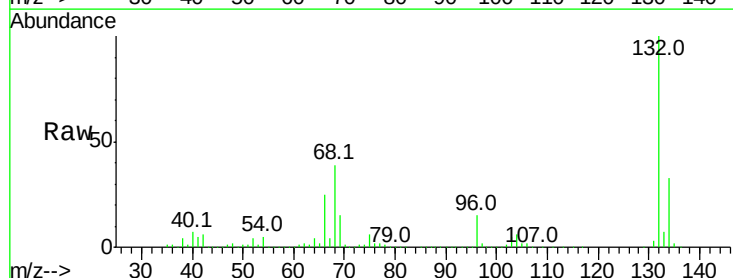
Tgt Ion: 77 Resp: 20203

Ion Ratio Lower Upper

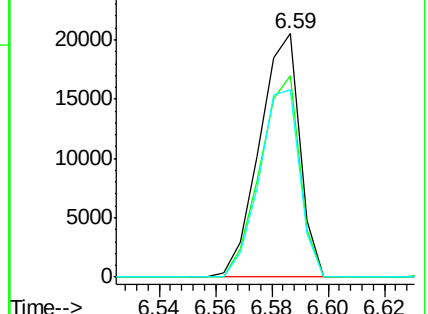
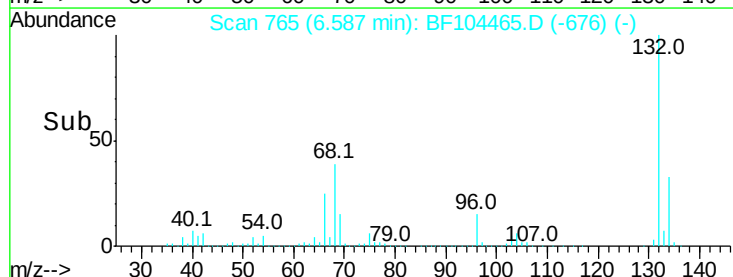
77 100

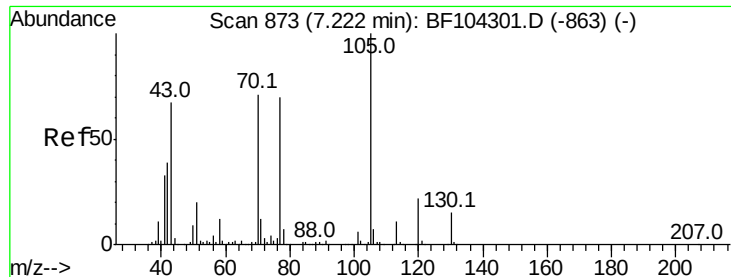
105 82.5 81.1 121.1

106 76.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

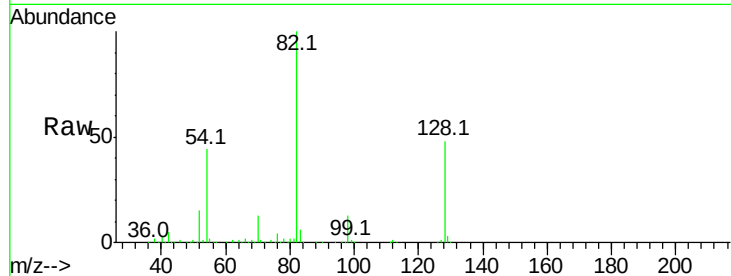




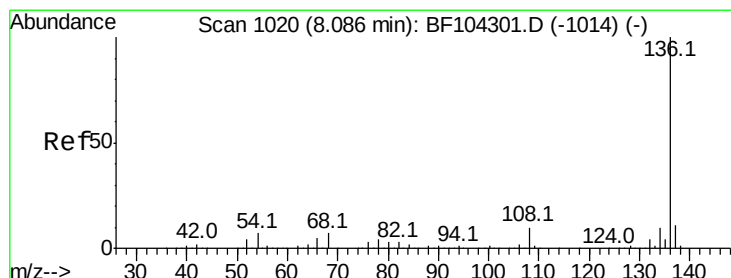
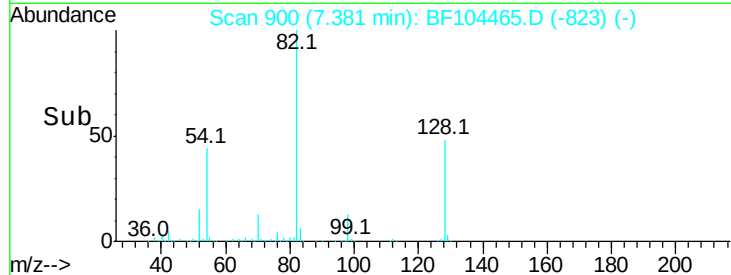
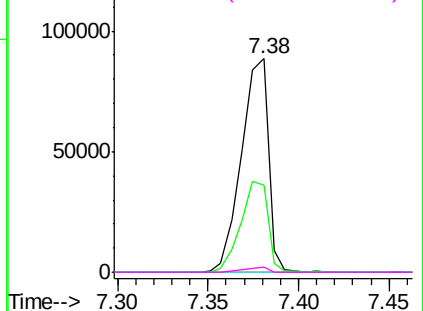
#19
n-Nitroso-di-n-propylamine
Concen: 16.323 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 91765
Ion Ratio Lower Upper
70 100
42 40.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



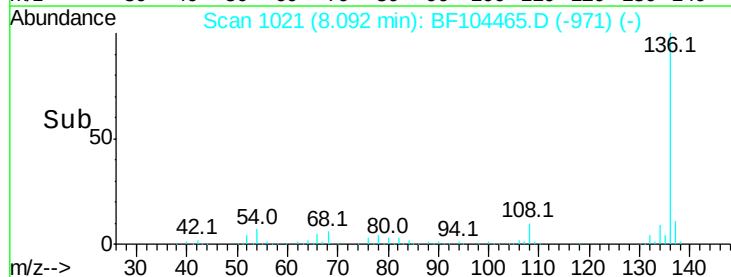
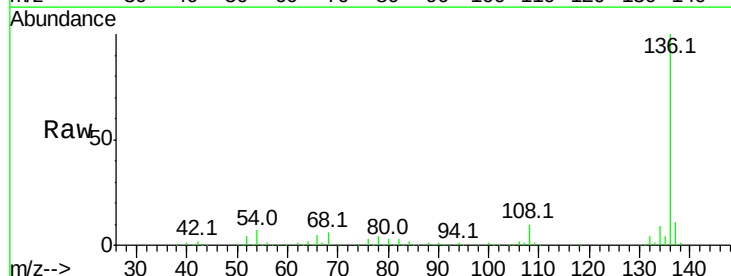
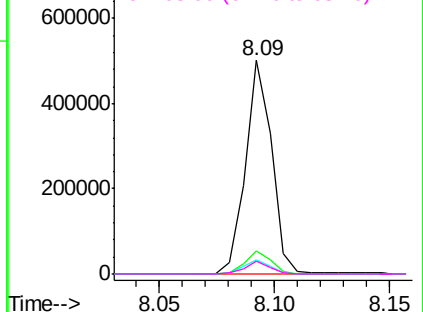
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

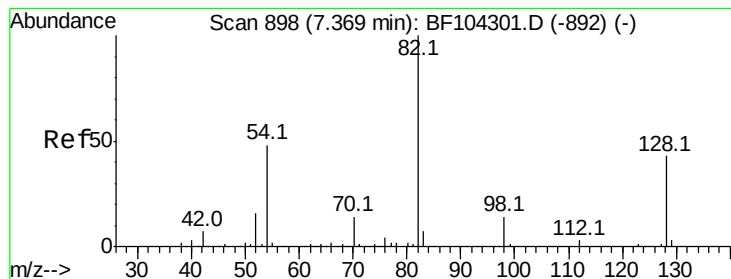


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Tgt Ion: 136 Resp: 398732
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 6.6 9.8
68 6.1 5.0 7.4

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





#23

Nitrobenzene-d5

Concen: 113.131 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

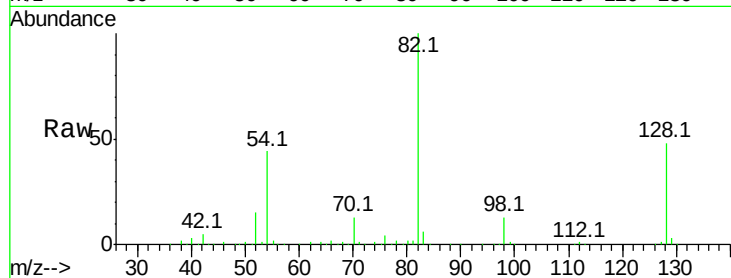
Tot Ion: 82 Resp: 690818

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

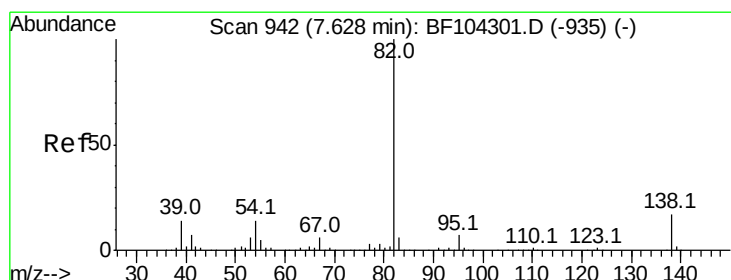
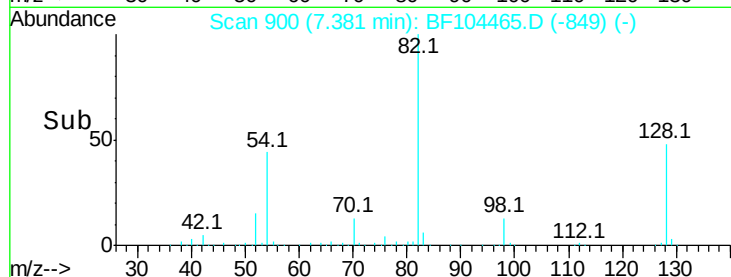
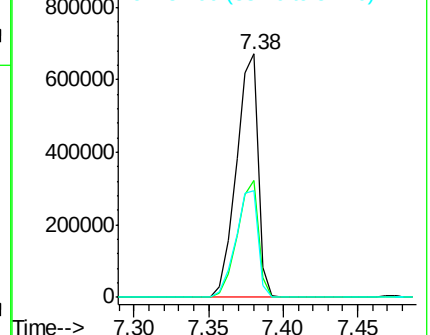
54 43.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 53.499 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

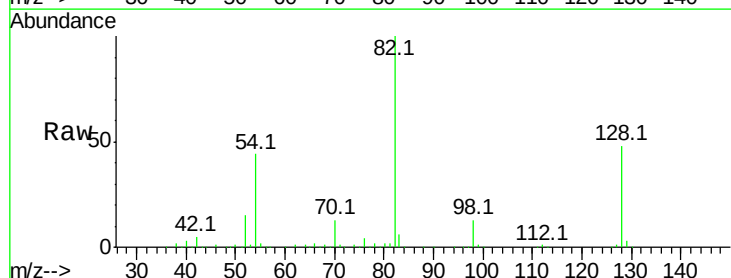
Tgt Ion: 82 Resp: 690811

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

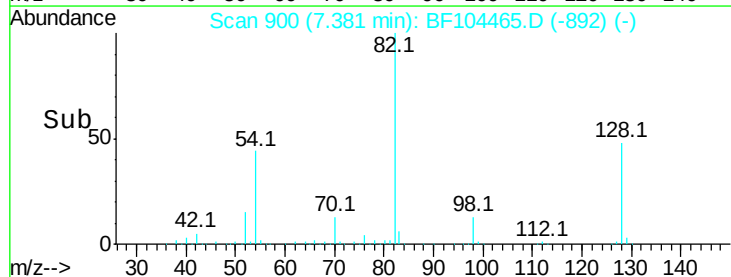
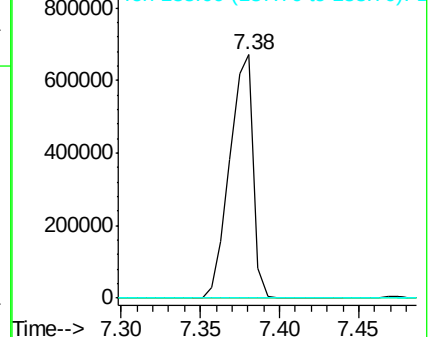
138 0.0 14.9 22.3#

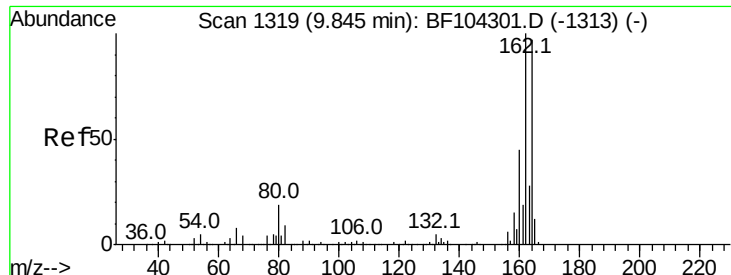


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

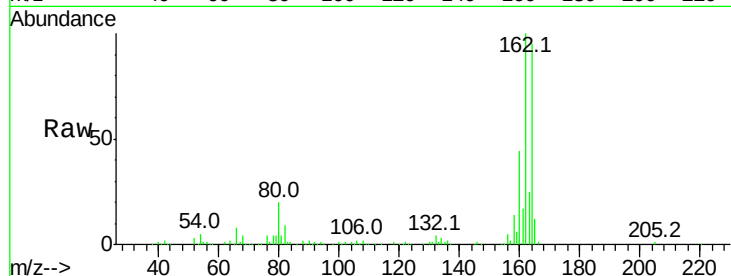
Tot Ion:164 Resp: 149532

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

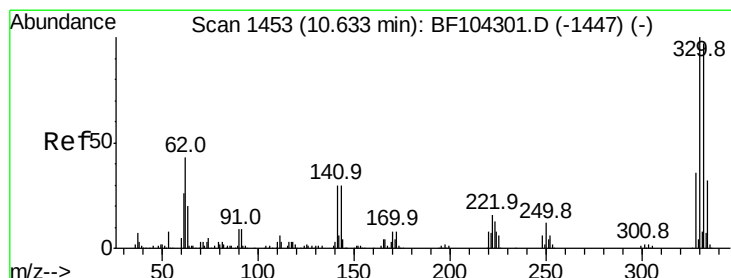
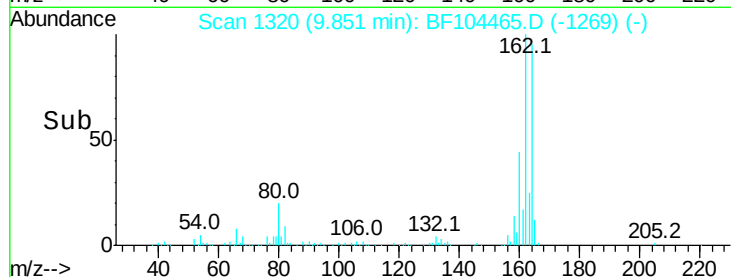
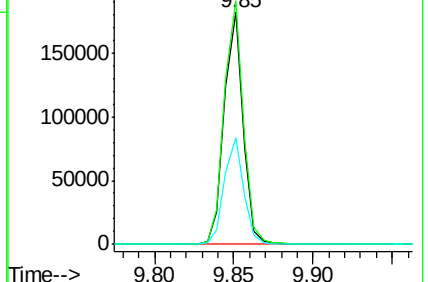
160 45.7 38.3 57.5



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: 132.918 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

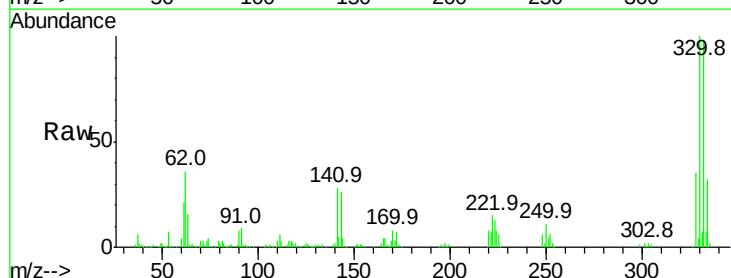
Tgt Ion:330 Resp: 206174

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

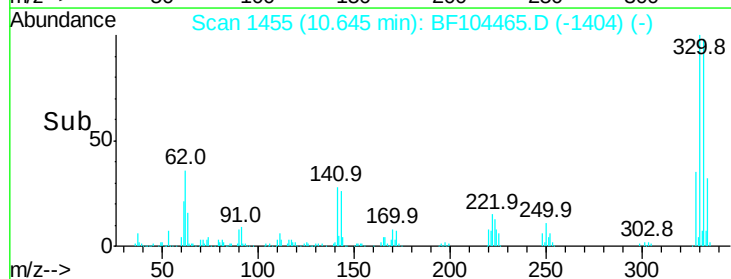
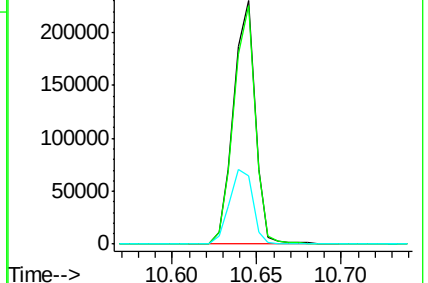
141 33.4 29.9 44.9

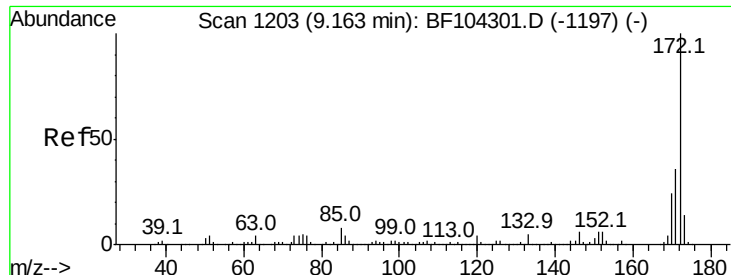


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



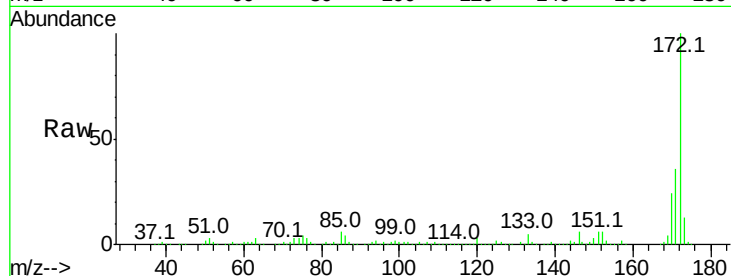


#44
 2-Fluorobiphenyl
 Concen: 120.036 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

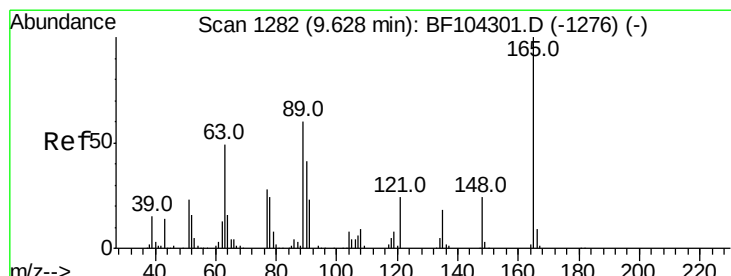
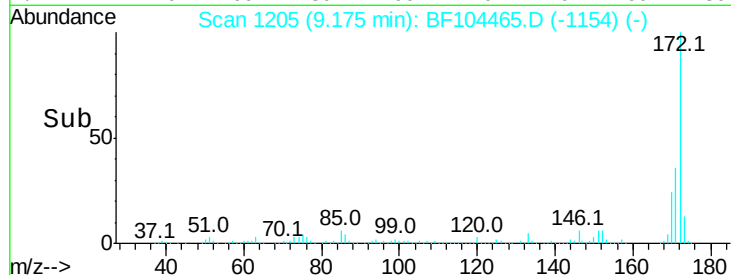
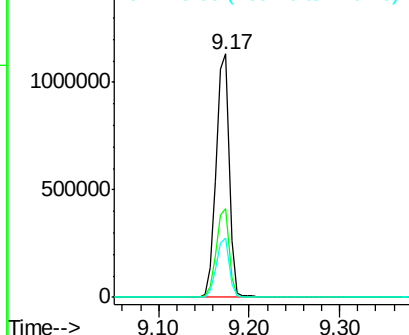
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1136203

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



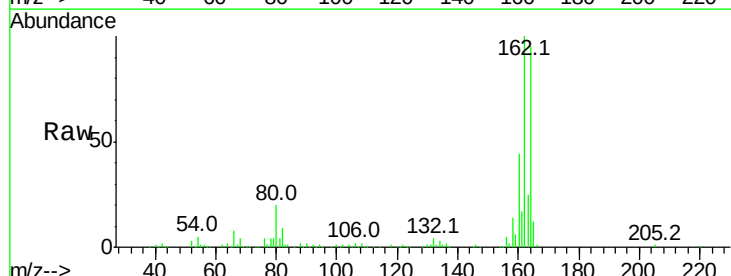
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



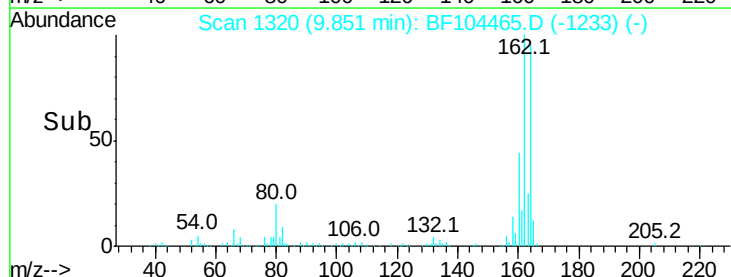
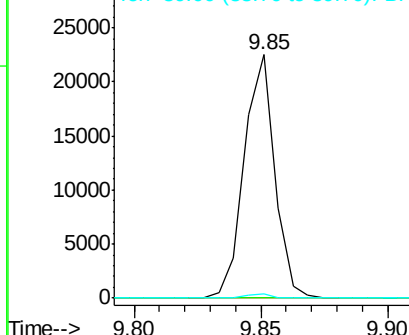
#50
 2,6-Dinitrotoluene
 Concen: 8.641 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

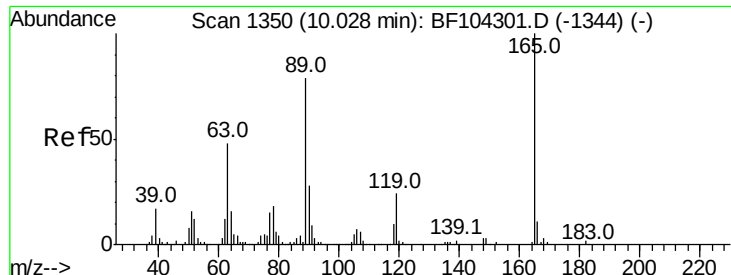
Tgt Ion:165 Resp: 18855

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	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

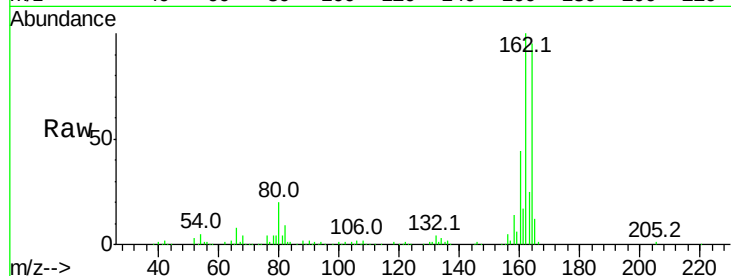




#56
 2,4-Dinitrotoluene
 Concen: 6.588 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

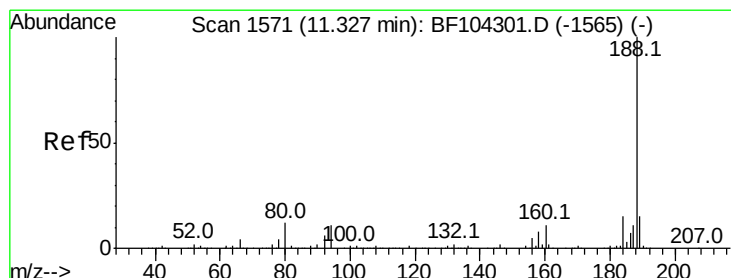
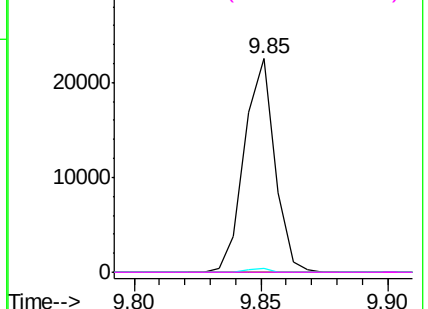
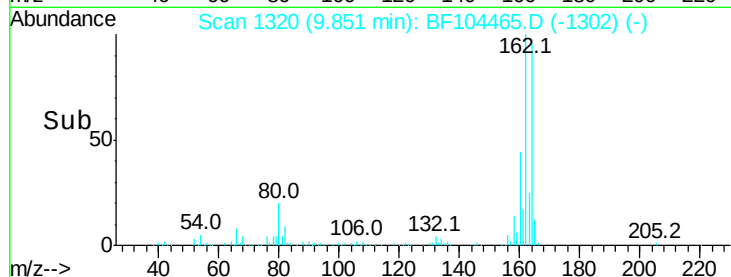


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

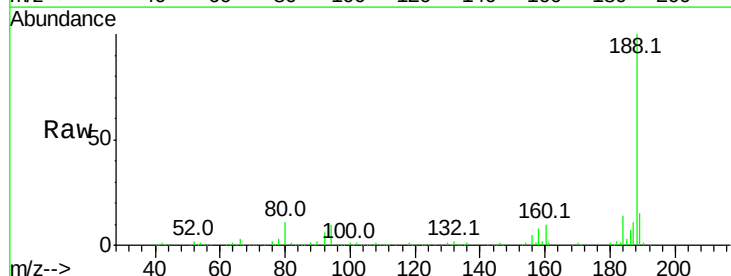
Ion 89.00 (88.70 to 89.70): BF1

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. 0.00 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

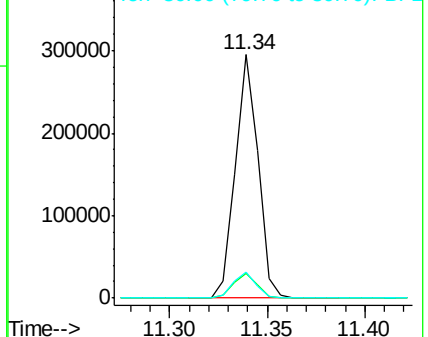
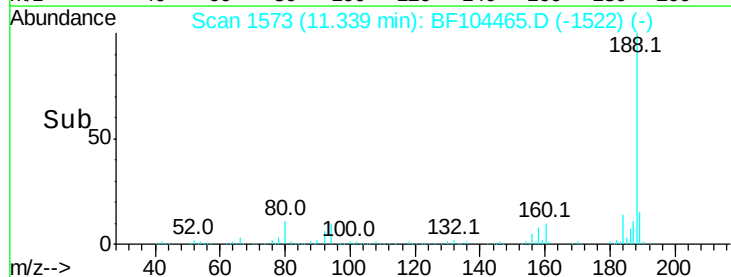
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	9.2	13.8

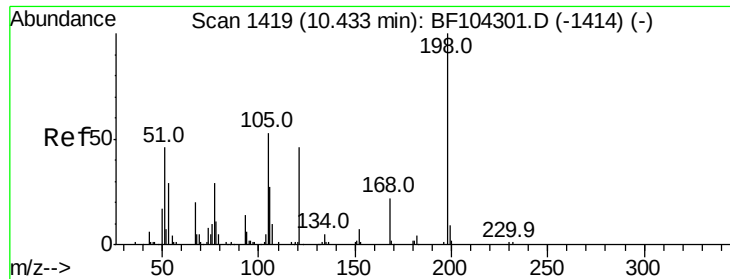


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

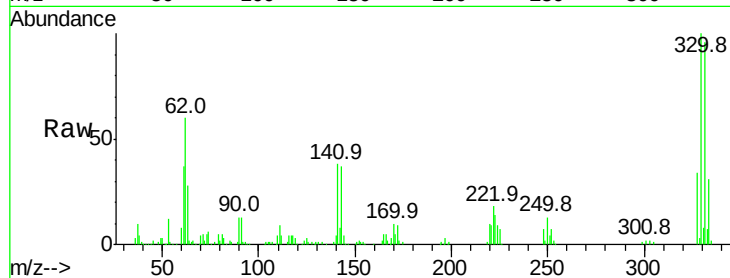




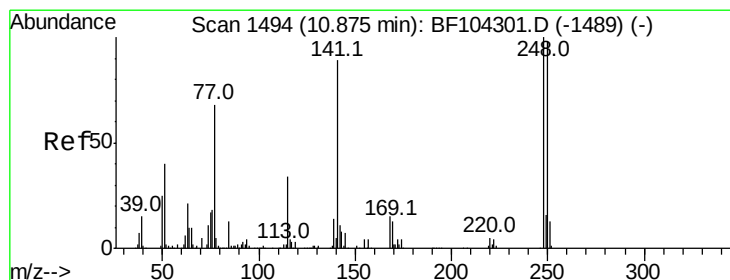
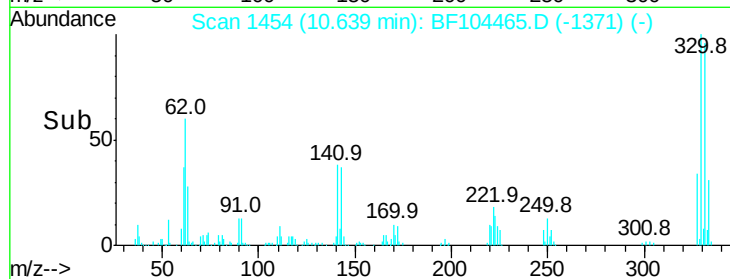
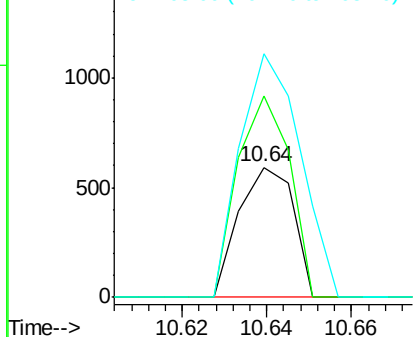
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.734 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 531
 Ion Ratio Lower Upper
 198 100
 51 155.0 37.7 77.7#
 105 187.6 36.3 76.3#

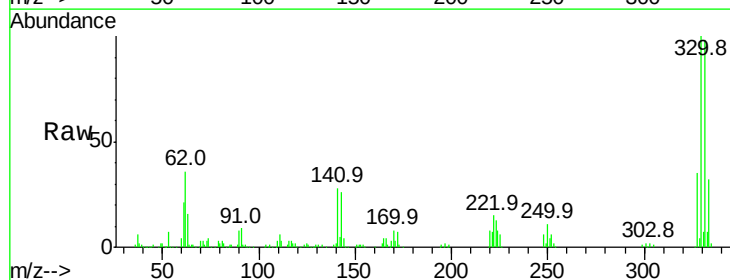


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

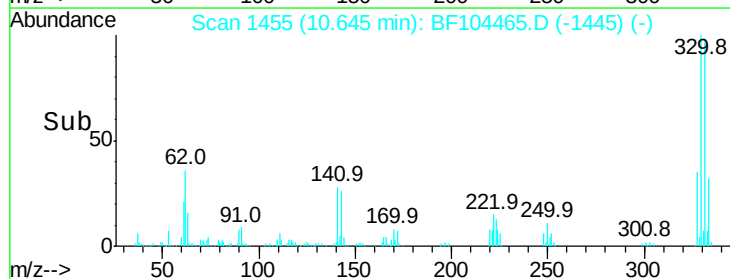
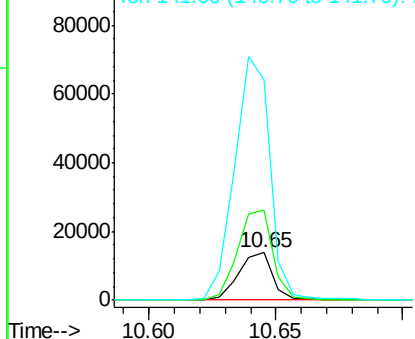


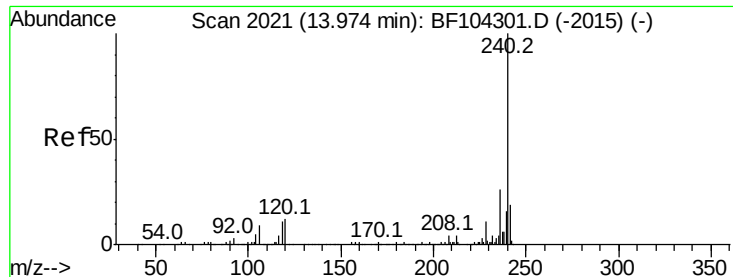
#66
 4-Bromophenyl-phenylether
 Concen: 5.097 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF104465.D
 Acq: 12 Apr 2018 21:37

Tgt Ion:248 Resp: 12927
 Ion Ratio Lower Upper
 248 100
 250 189.8 76.9 115.3#
 141 465.0 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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

Instrument :

BNA_F

ClientSampleId :

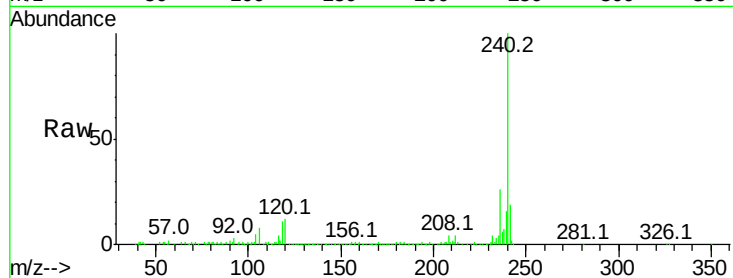
Tot Ion:240 Resp: 205014

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

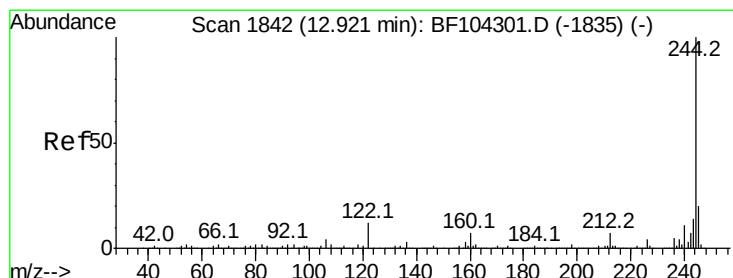
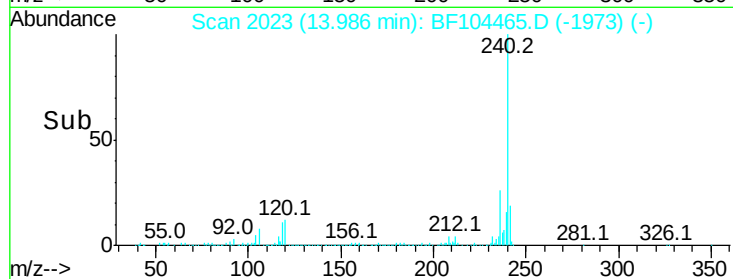
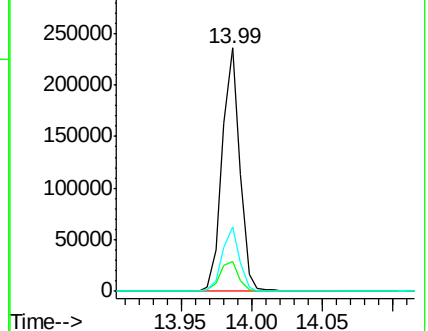
236 26.4 20.7 31.1



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: 108.275 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF104465.D

Acq: 12 Apr 2018 21:37

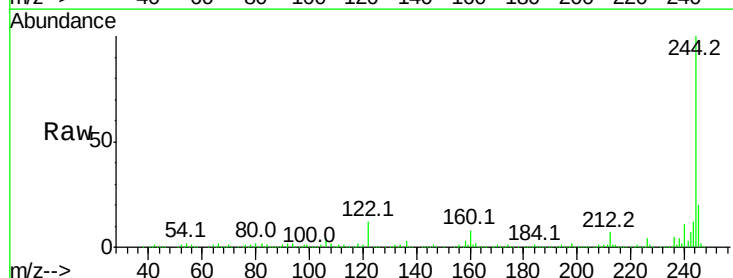
Tgt Ion:244 Resp: 973667

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

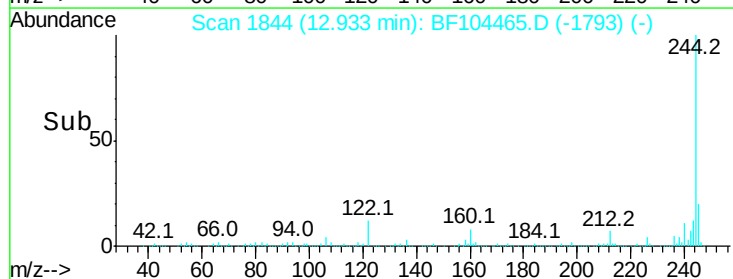
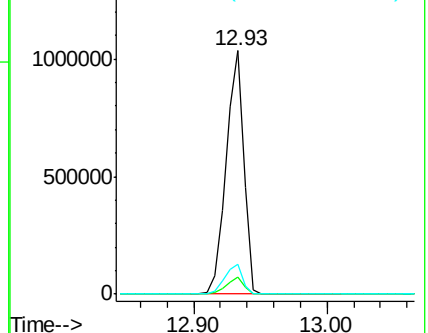
122 12.2 11.0 16.4

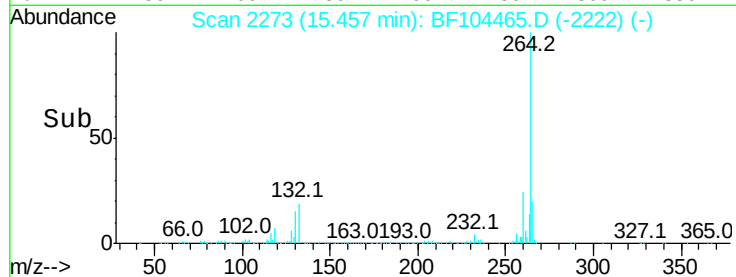
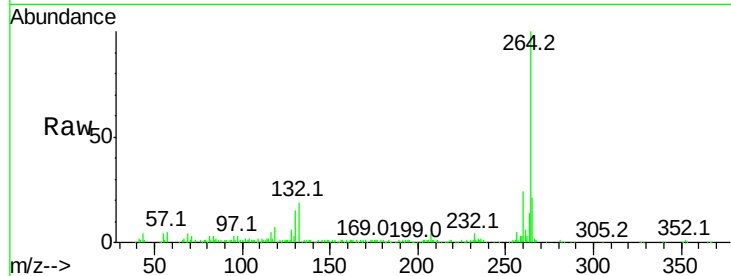
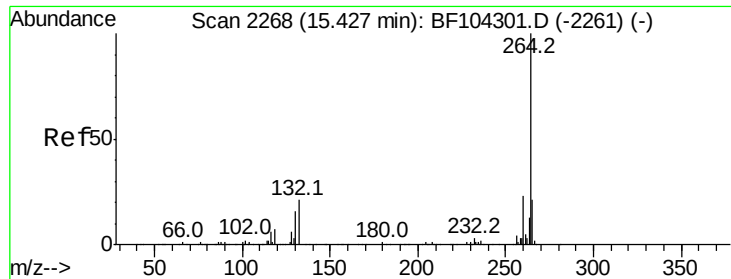


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104465.D
Acq: 12 Apr 2018 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.5	17.5	26.3

