

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104466.D
 Acq On : 12 Apr 2018 22:03
 Operator : JU/SJ
 Sample : J2337-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 00:18:14 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

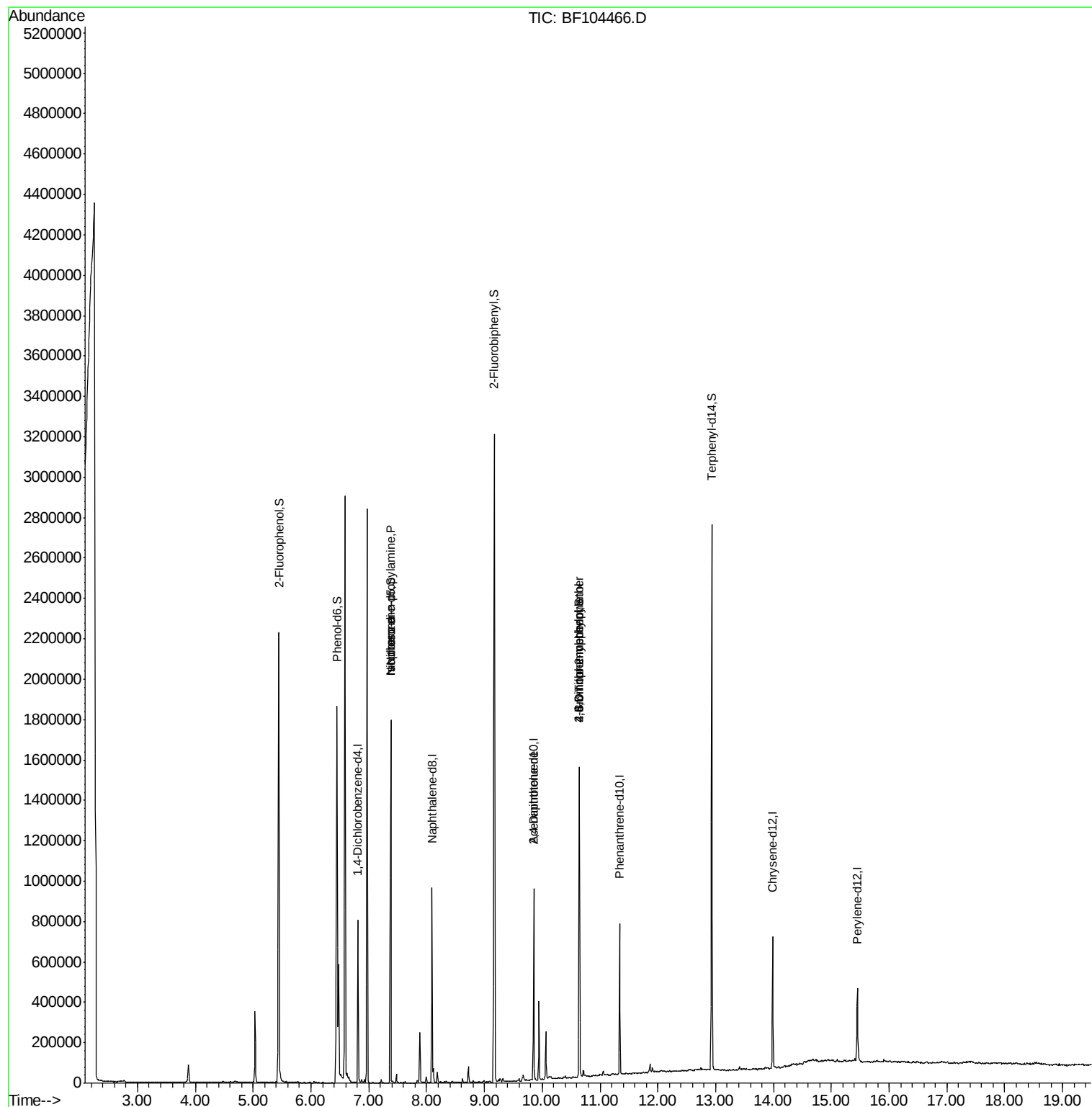
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109631	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	406790	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	148480	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	240474	20.00	ng	0.00
75) Chrysene-d12	13.99	240	216003	20.00	ng	0.00
86) Perylene-d12	15.45	264	154828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	849198	118.44	ng	0.03
7) Phenol-d6	6.45	99	700521	79.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	657284	105.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	199719	129.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1070094	113.85	ng	0.00
78) Terphenyl-d14	12.93	244	943307	99.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	952	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	86297	14.991 ng	#	71
25) Isophorone	7.38	82	657276	49.893 ng	#	64
56) 2,4-Dinitrotoluene	9.85	165	19318	6.797 ng	#	25
64) 4,6-Dinitro-2-methylphenol	10.64	198	380	7.622 ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	12217	4.776 ng	#	1
76) Benzydine	12.93	184	12285	Below Cal	#	95

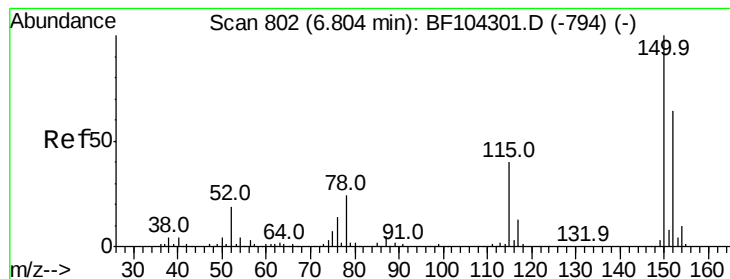
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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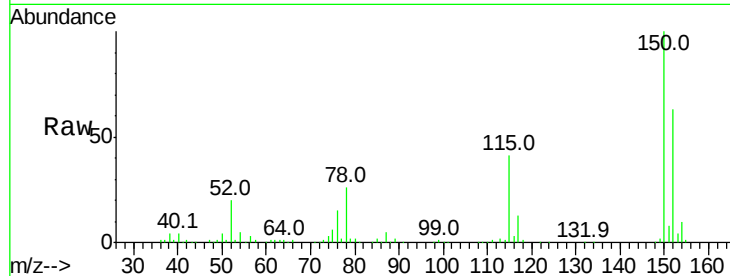


#1

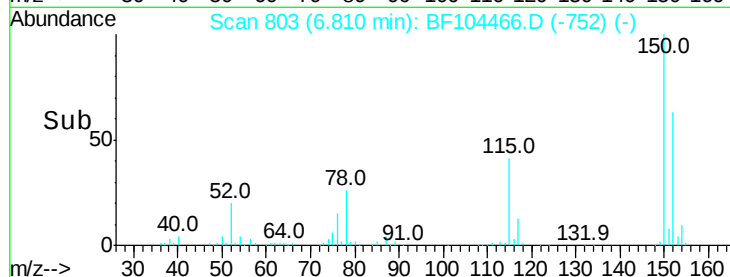
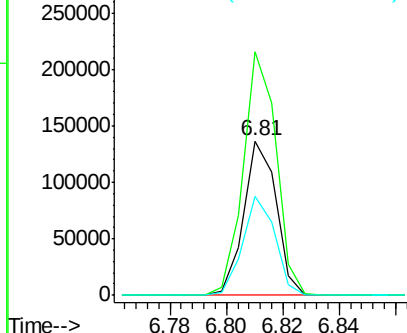
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109631
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.1 50.1 75.1



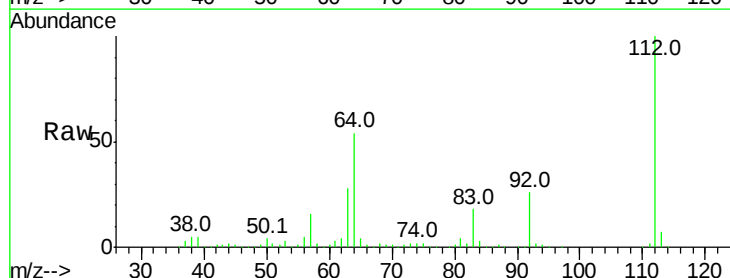
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



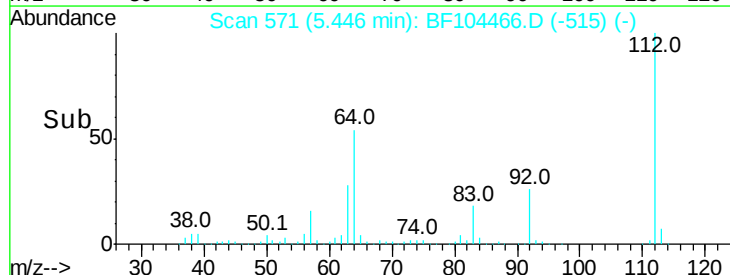
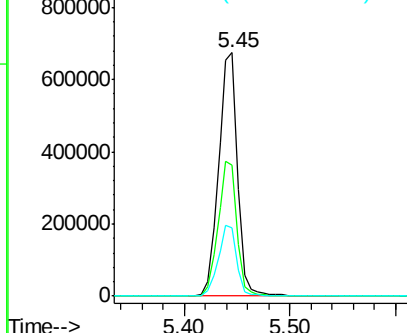
#5

2-Fluorophenol
Concen: 118.440 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Tgt Ion:112 Resp: 849198
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 28.1 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: 79.520 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Instrument :

BNA_F

ClientSampleId :

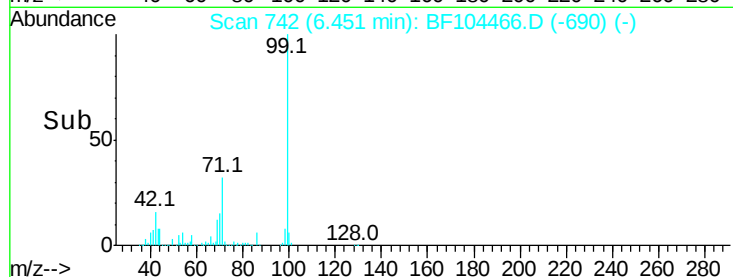
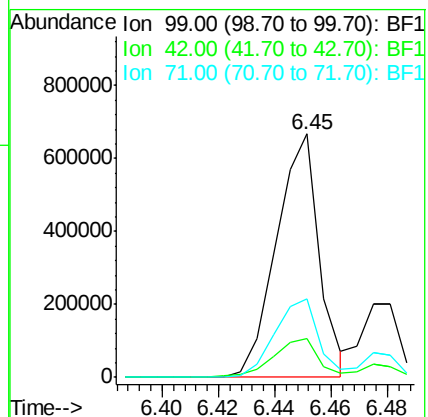
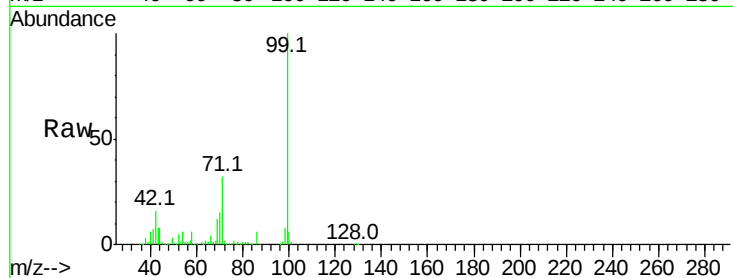
Tot Ion: 99 Resp: 700521

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.991 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Tgt Ion: 70 Resp: 86297

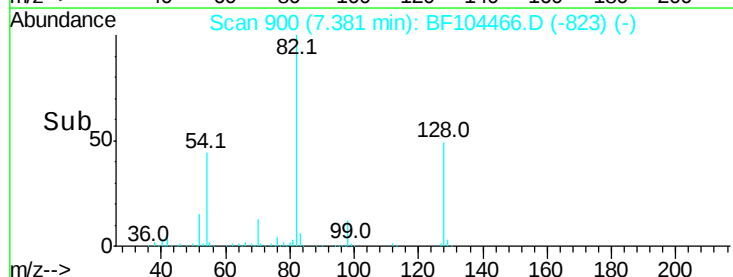
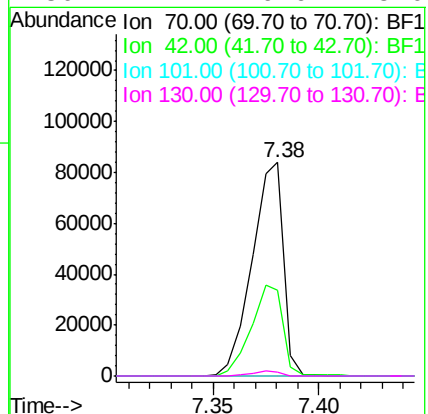
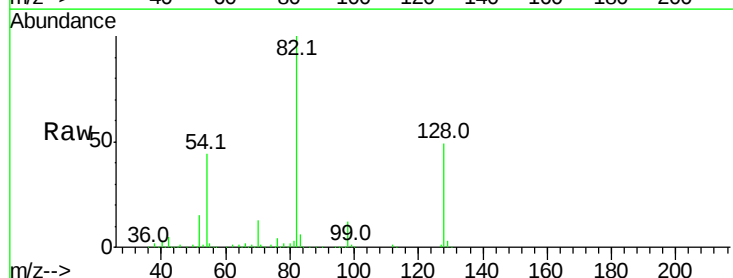
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

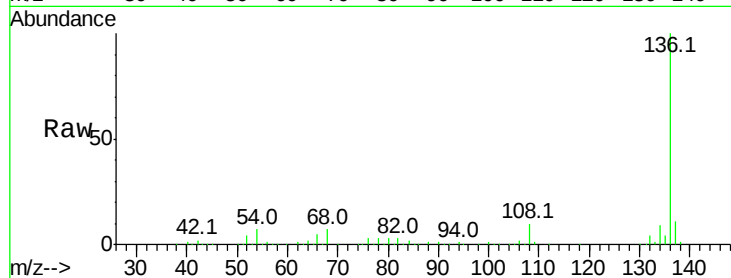




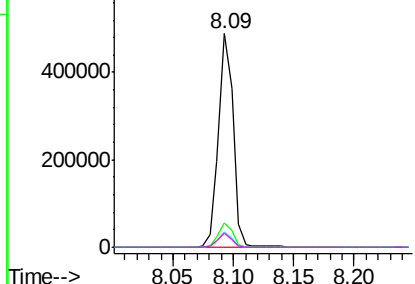
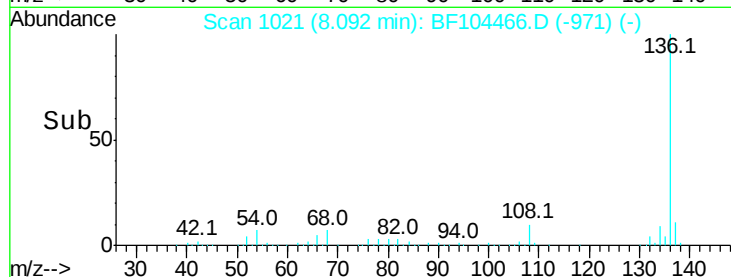
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	406790
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	6.6	5.0	7.4

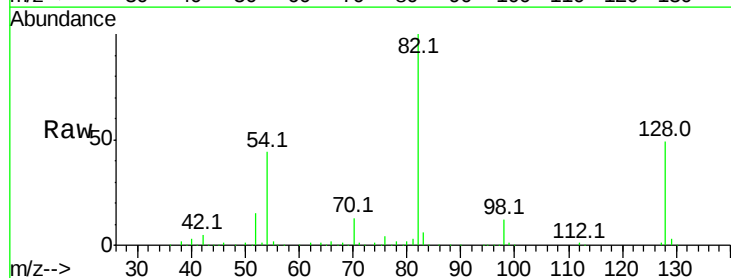


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

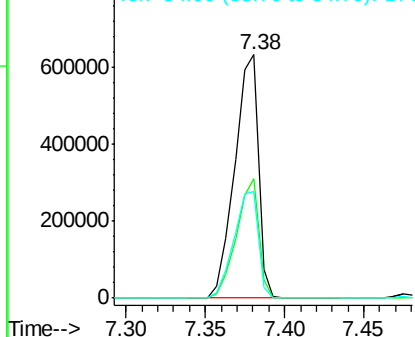
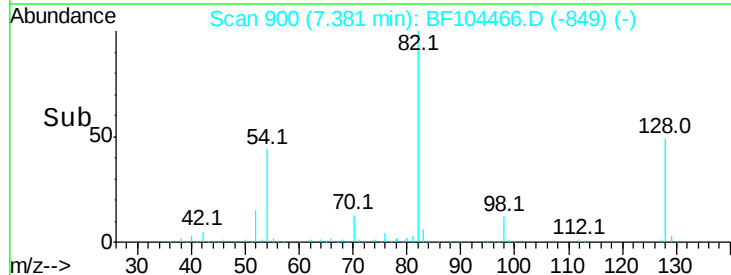


#23
Nitrobenzene-d5
Concen: 105.507 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Tgt Ion:	82	Resp:	657284
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	43.7	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: 49.893 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

Instrument :

BNA_F

ClientSampleId :

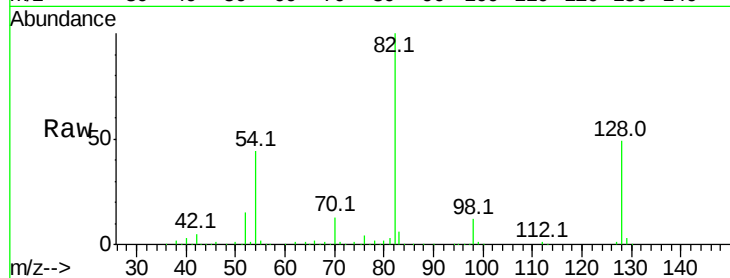
Tot Ion: 82 Resp: 657276

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

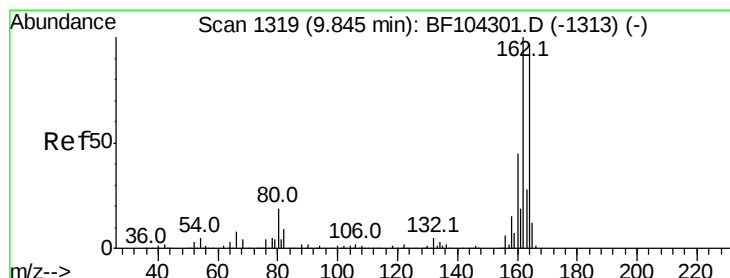
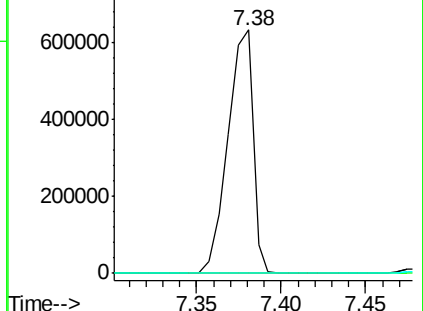
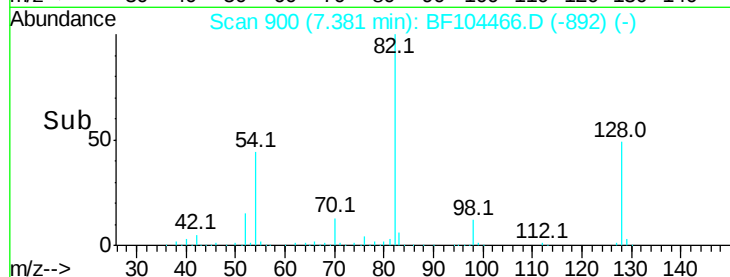
138 0.0 14.9 22.3#



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: BF104466.D

Acq: 12 Apr 2018 22:03

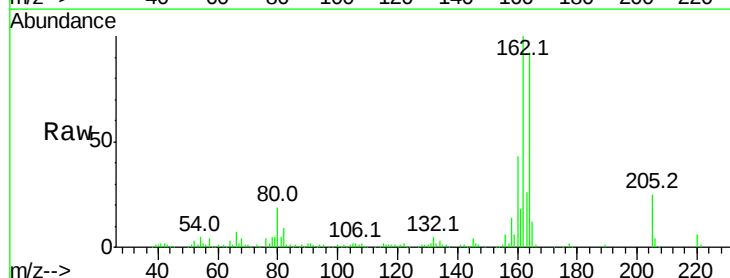
Tgt Ion:164 Resp: 148480

Ion Ratio Lower Upper

164 100

162 109.2 86.1 129.1

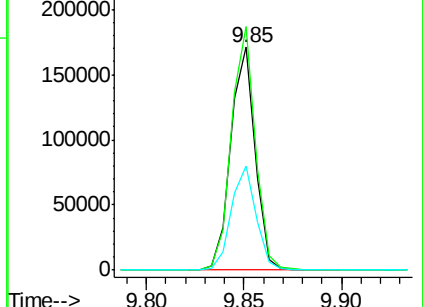
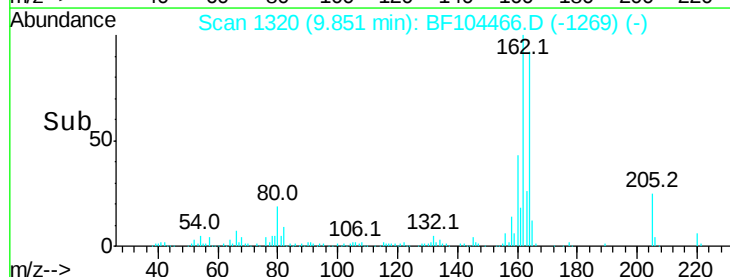
160 46.6 38.3 57.5



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

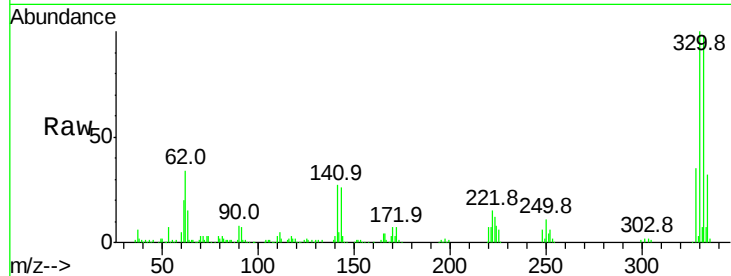




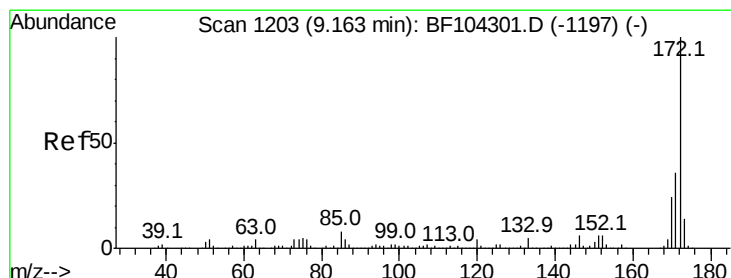
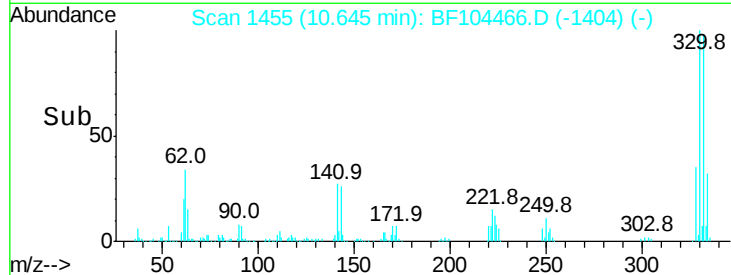
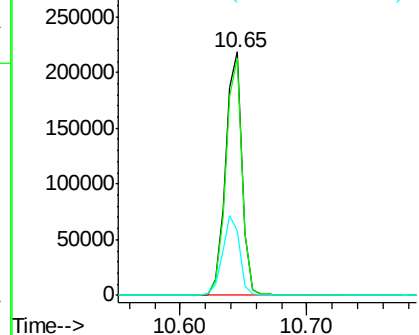
#41
 2,4,6-Tribromophenol
 Concen: 129.669 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.0	29.9	44.9

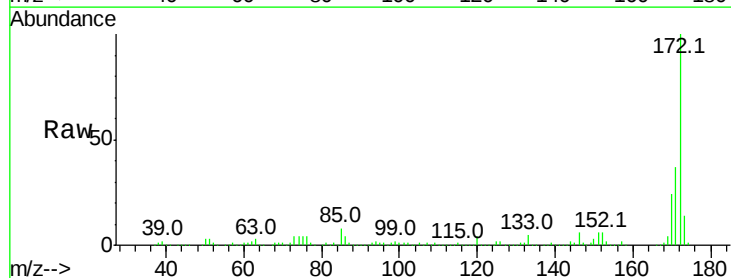


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

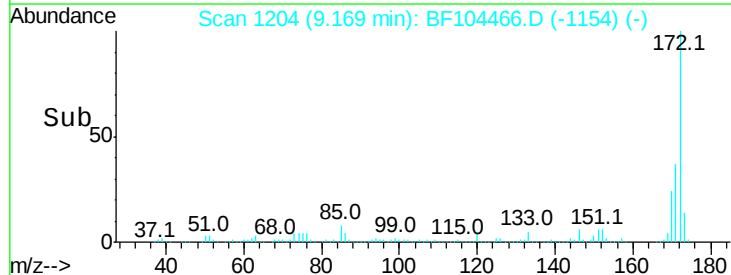
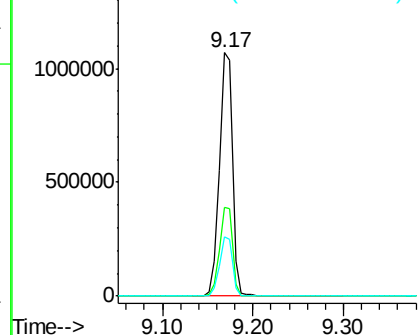


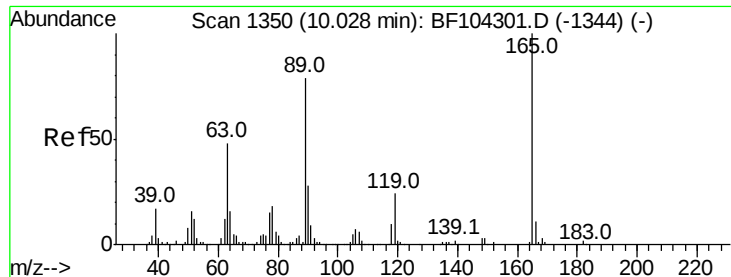
#44
 2-Fluorobiphenyl
 Concen: 113.853 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

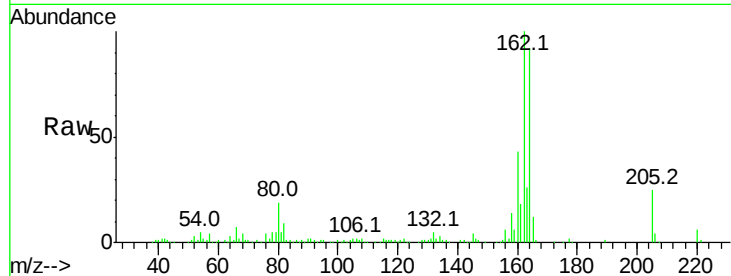




#56
 2,4-Dinitrotoluene
 Concen: 6.797 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104466.D
 Acq: 12 Apr 2018 22:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#

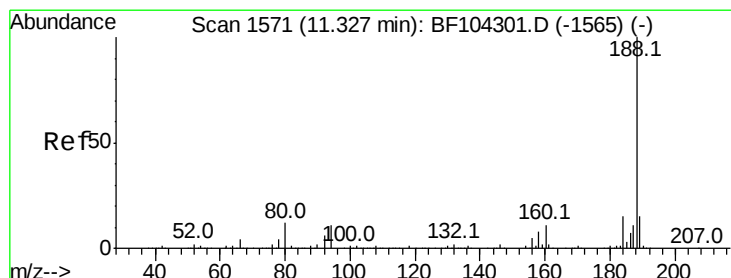
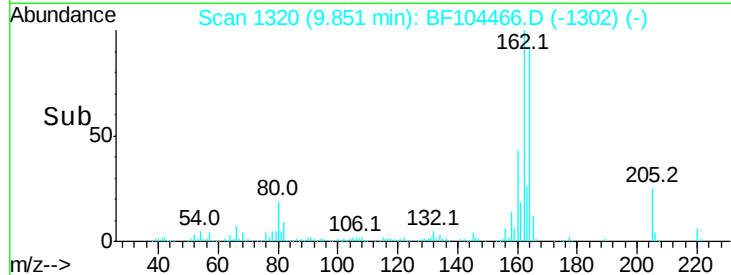
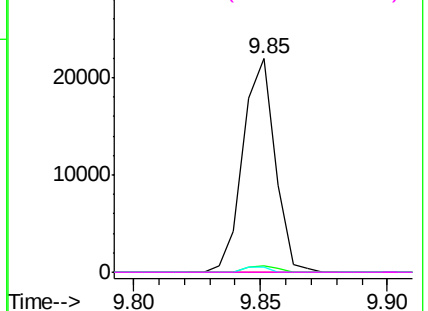


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

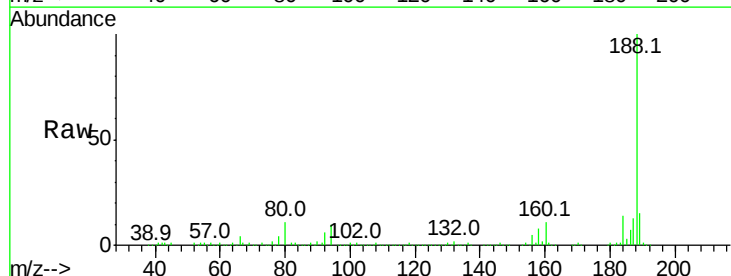
Ion 89.00 (88.70 to 89.70): BF1

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: BF104466.D
 Acq: 12 Apr 2018 22:03

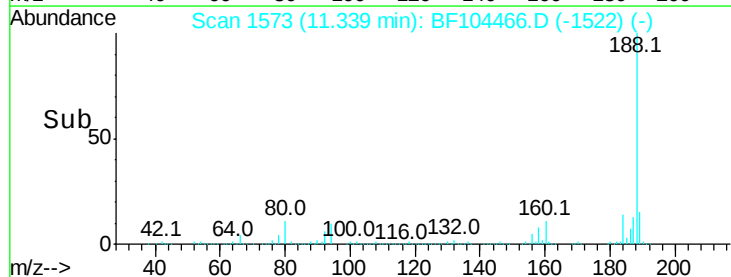
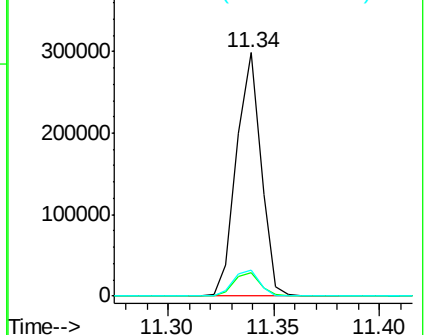
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.8	9.2	13.8

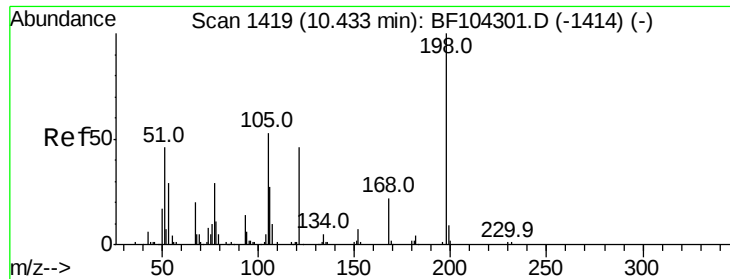


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

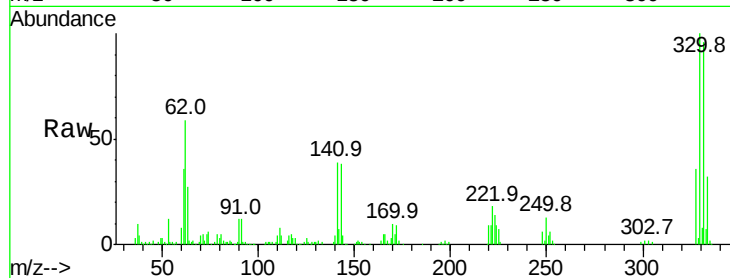




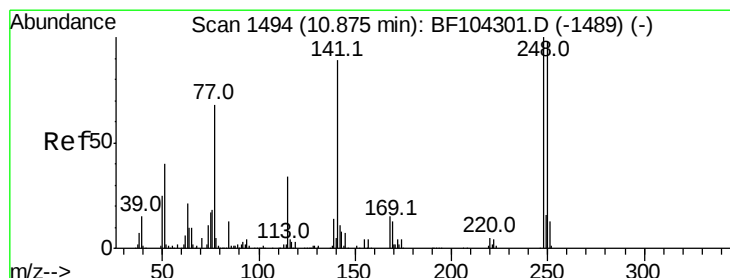
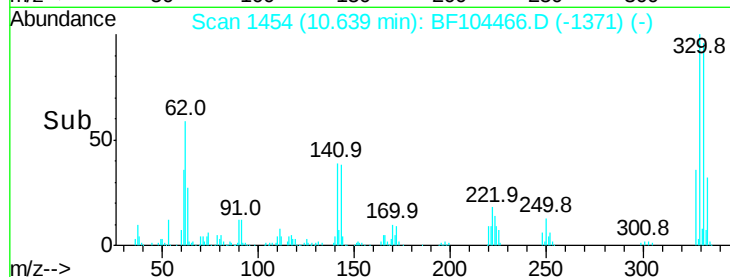
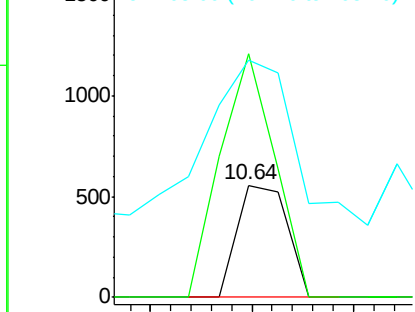
#64
4,6-Dinitro-2-methylphenol
Concen: 7.622 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 380
Ion Ratio Lower Upper
198 100
51 217.3 37.7 77.7#
105 211.5 36.3 76.3#

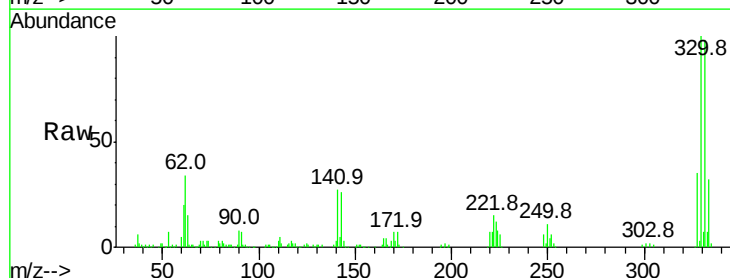


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

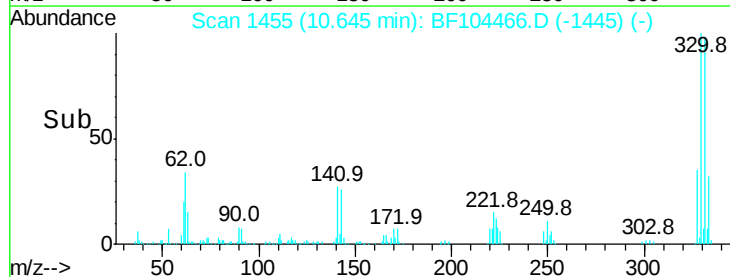
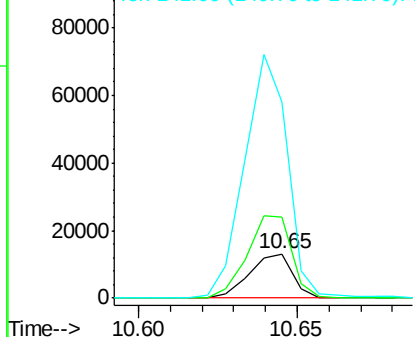


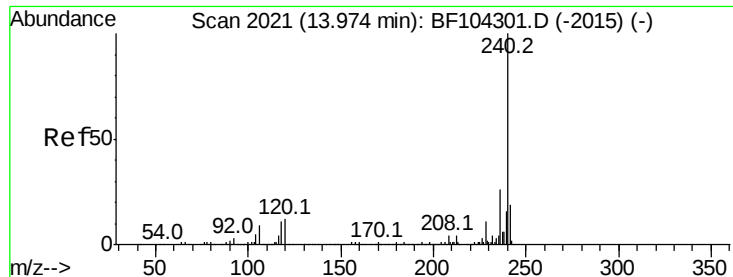
#66
4-Bromophenyl-phenylether
Concen: 4.776 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Tgt Ion:248 Resp: 12217
Ion Ratio Lower Upper
248 100
250 181.8 76.9 115.3#
141 441.5 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: BF104466.D

Acq: 12 Apr 2018 22:03

Instrument :

BNA_F

ClientSampleId :

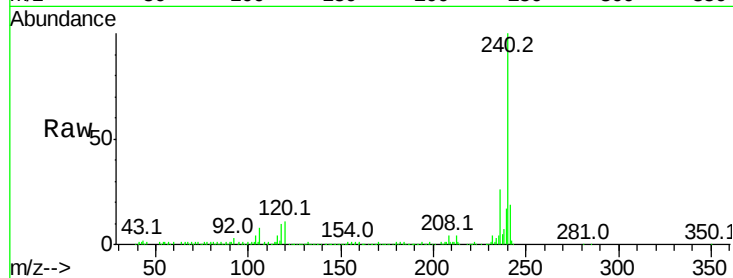
Tot Ion:240 Resp: 216003

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

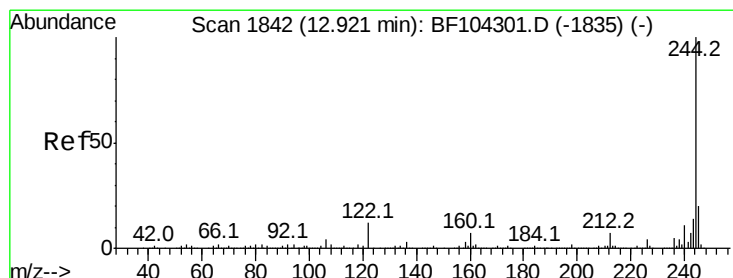
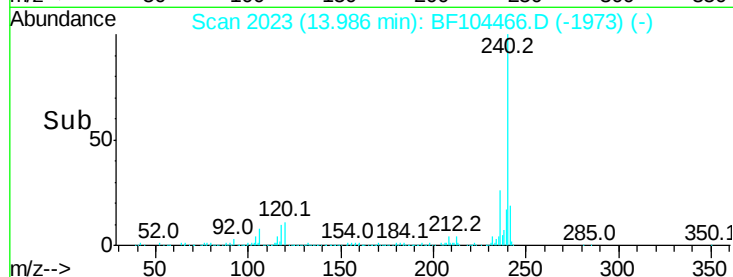
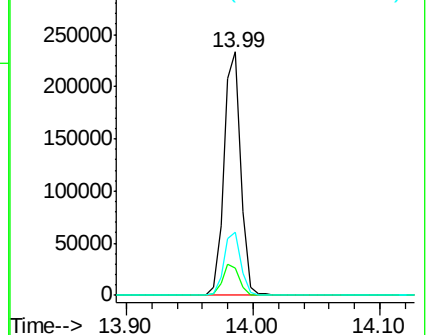
236 25.9 20.7 31.1



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: 99.562 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF104466.D

Acq: 12 Apr 2018 22:03

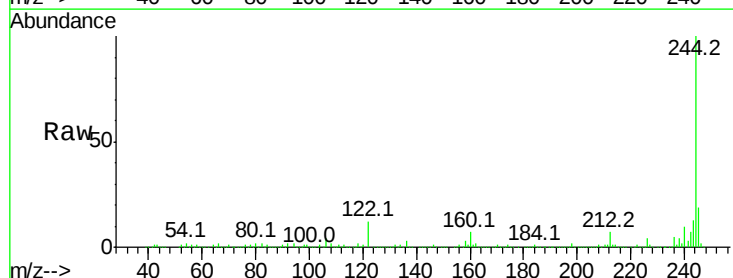
Tgt Ion:244 Resp: 943307

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

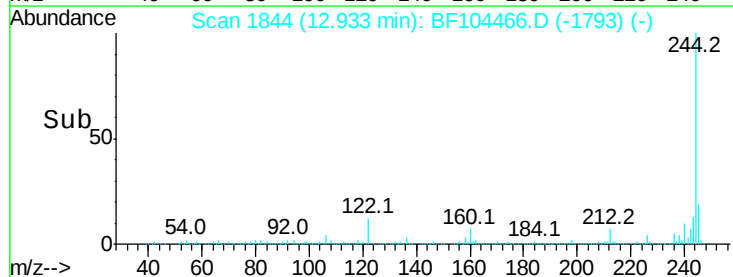
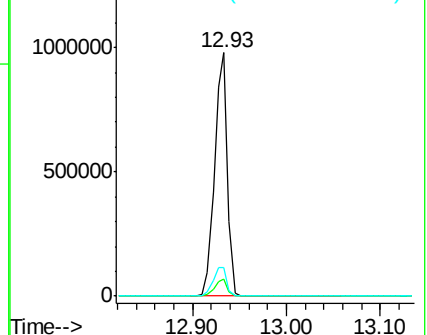
122 11.8 11.0 16.4

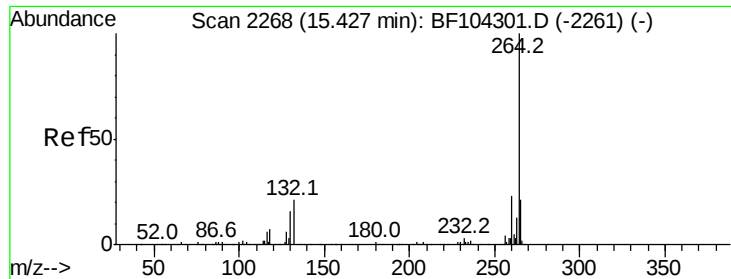


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

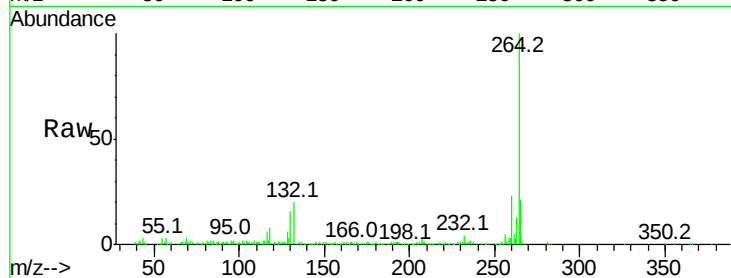




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104466.D
Acq: 12 Apr 2018 22:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	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

