

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104363.D
 Acq On : 9 Apr 2018 11:20
 Operator : JU/SJ
 Sample : J2275-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:13:10 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

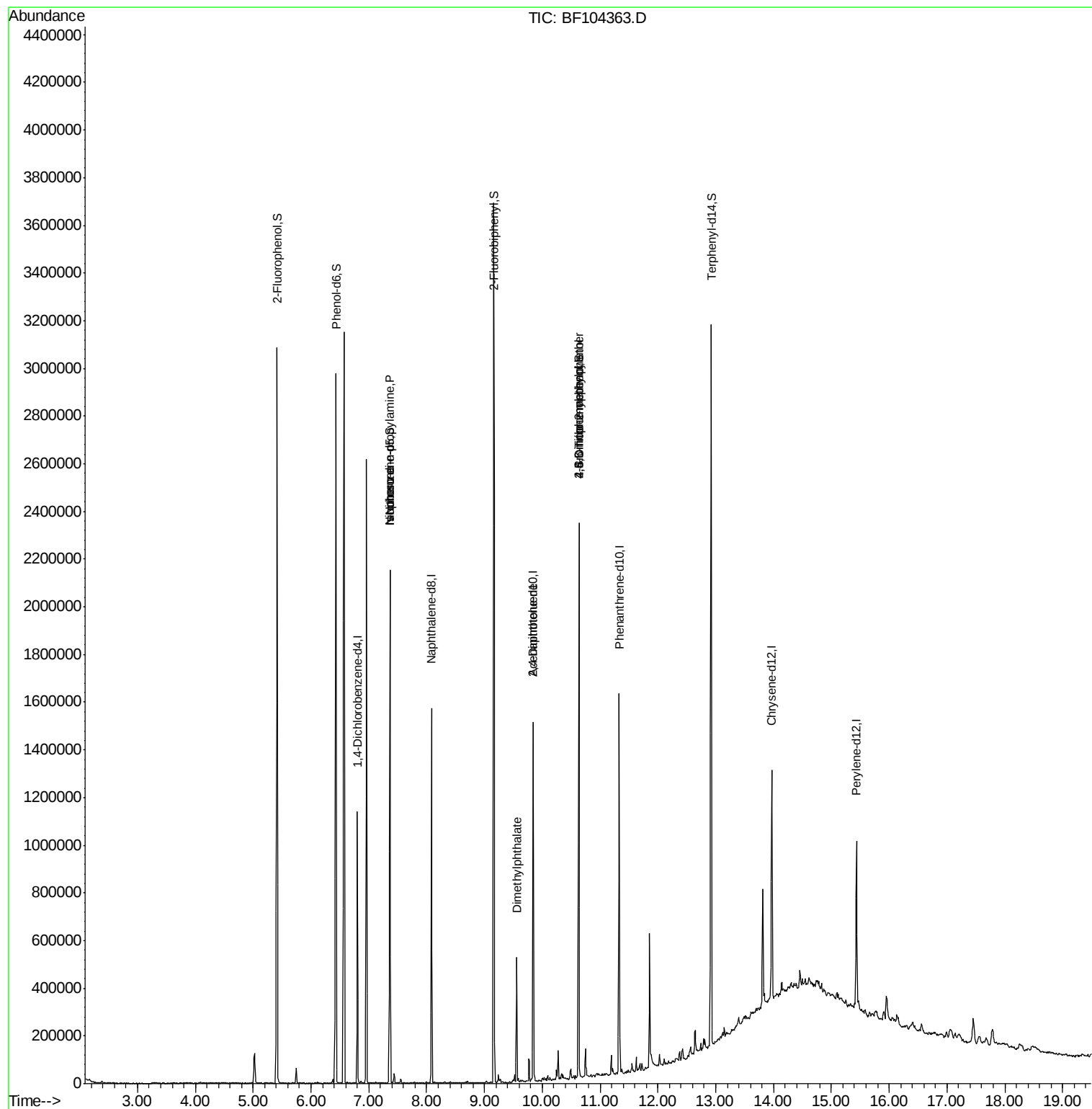
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158657	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	636102	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	297578	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	526105	20.00	ng	0.00
75) Chrysene-d12	13.97	240	321566	20.00	ng	0.00
86) Perylene-d12	15.43	264	320141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	960550	92.57	ng	0.01
7) Phenol-d6	6.43	99	1189901	93.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	728673	74.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	299554	97.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1177495	62.51	ng	0.00
78) Terphenyl-d14	12.92	244	1057485	74.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1893	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	95272	11.436 ng	#	1
25) Isophorone	7.37	82	728377	35.358 ng	#	73
49) Dimethylphthalate	9.56	163	183452	7.818 ng	#	64
56) 2,4-Dinitrotoluene	9.84	165	38352	6.734 ng	#	100
64) 4,6-Dinitro-2-methylphenol	10.63	198	479	7.505 ng	#	23
66) 4-Bromophenyl-phenylether	10.63	248	18406	3.289 ng	#	1
76) Benzidine	12.92	184	13984	Below Cal		95

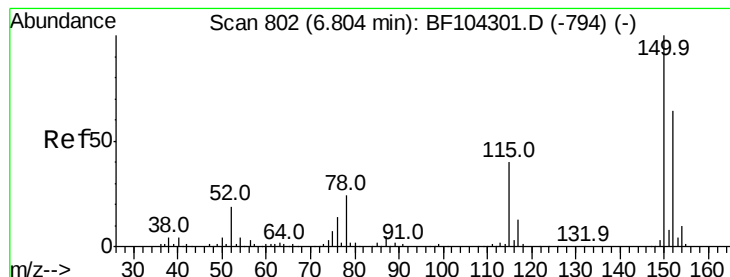
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104363.D

Acq: 9 Apr 2018 11:20

Instrument :
BNA_F
ClientSampleId :

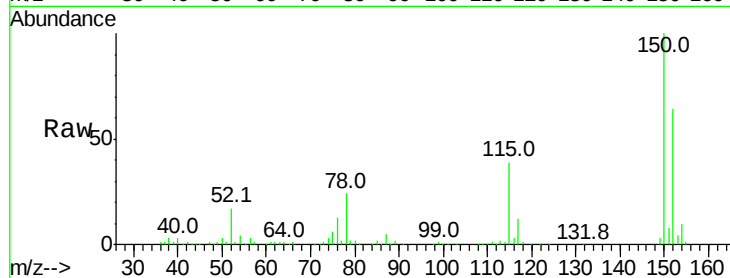
Tot Ion:152 Resp: 158657

Ion Ratio Lower Upper

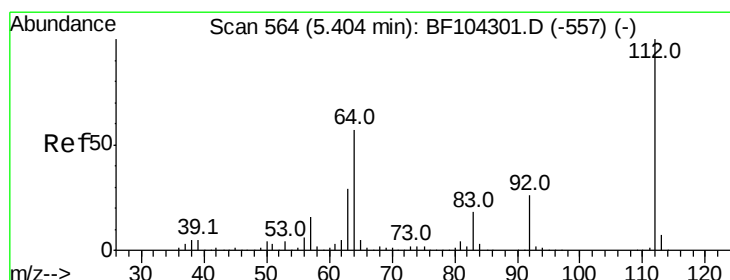
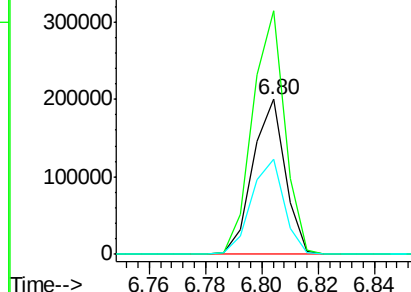
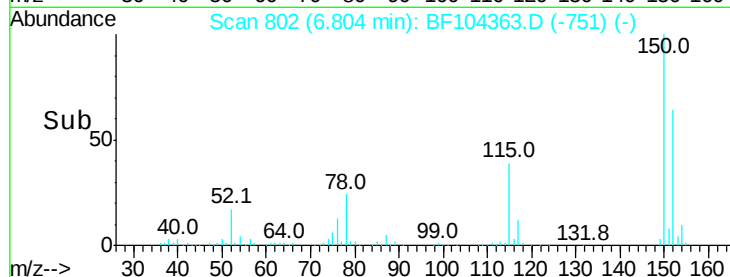
152 100

150 157.4 124.6 186.8

115 61.5 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: 92.573 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

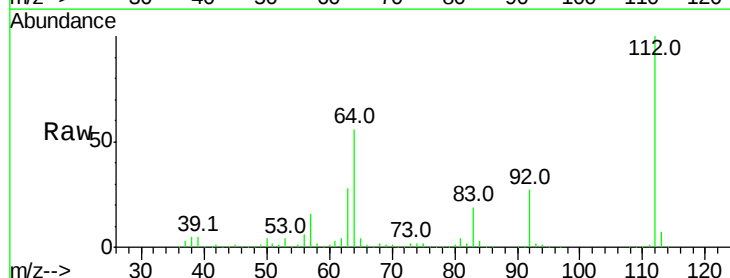
Tgt Ion:112 Resp: 960550

Ion Ratio Lower Upper

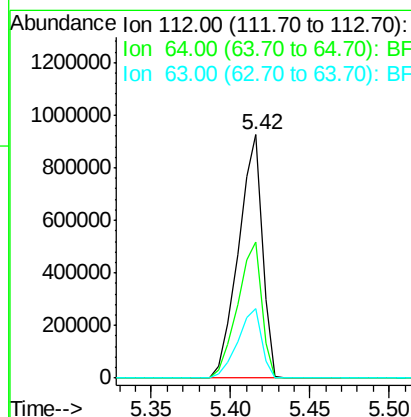
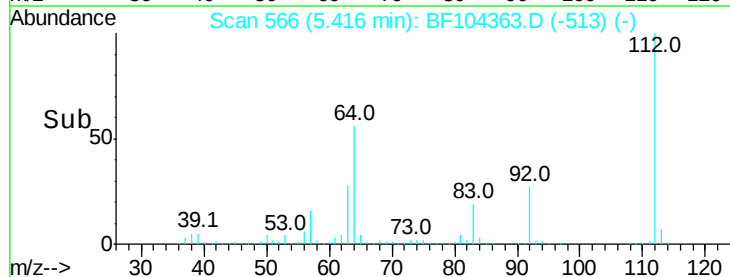
112 100

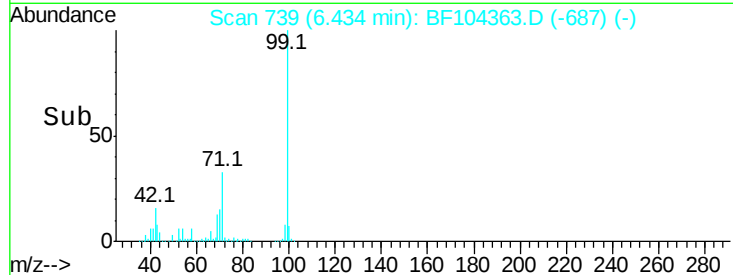
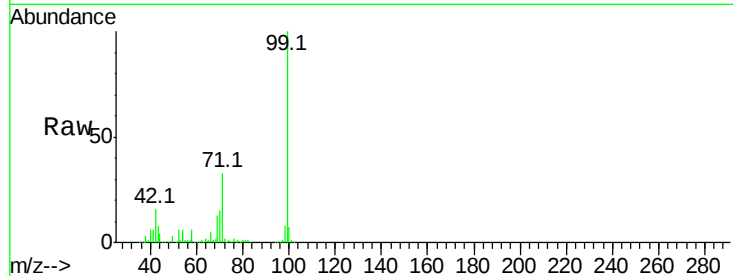
64 56.0 47.9 71.9

63 28.4 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: 93.334 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

Instrument :

BNA_F

ClientSampled :

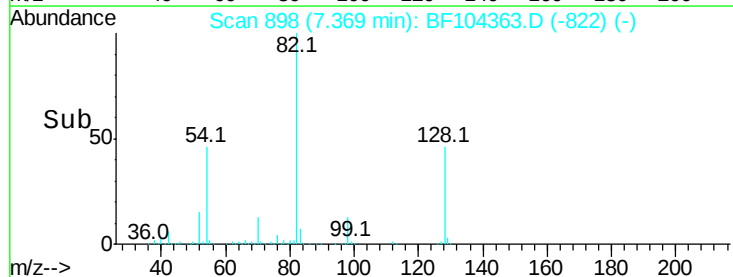
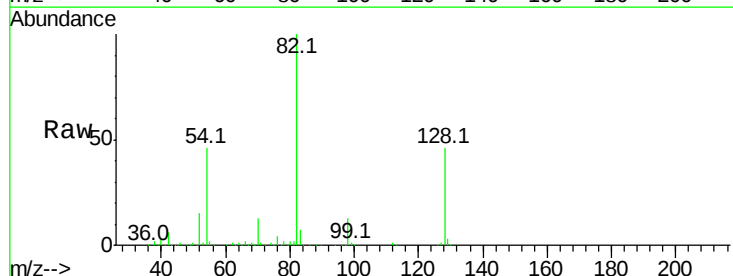
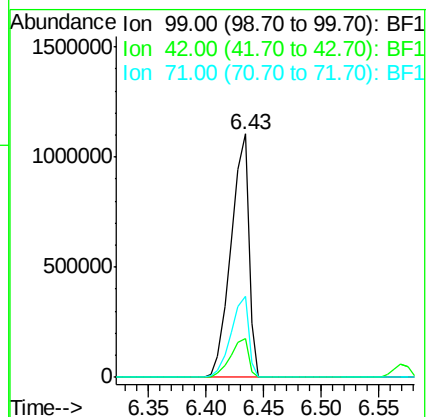
Tot Ion: 99 Resp: 1189901

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.436 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

Tgt Ion: 70 Resp: 95272

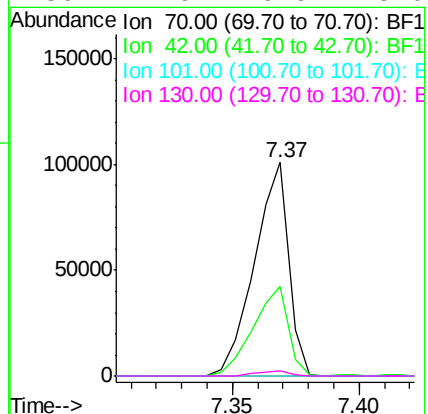
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

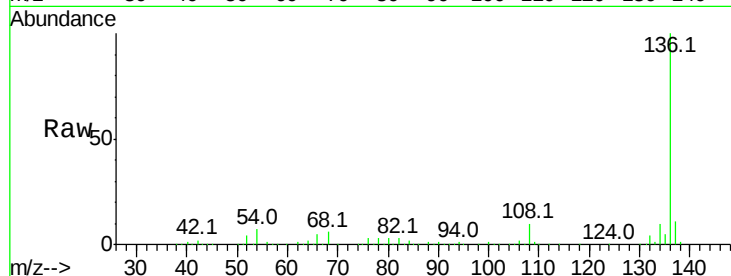




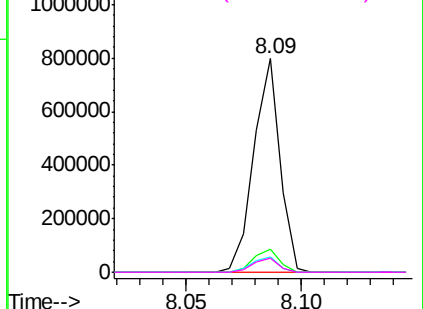
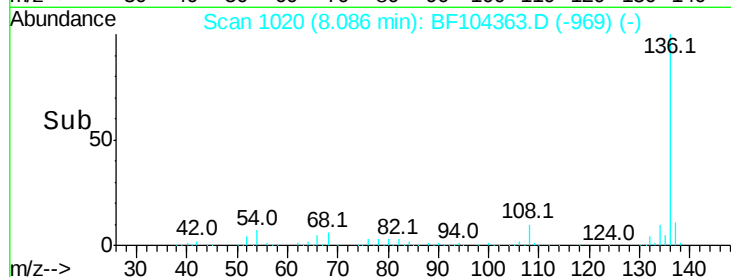
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 636102
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 7.0	6.6 9.8
68 6.3	5.0 7.4

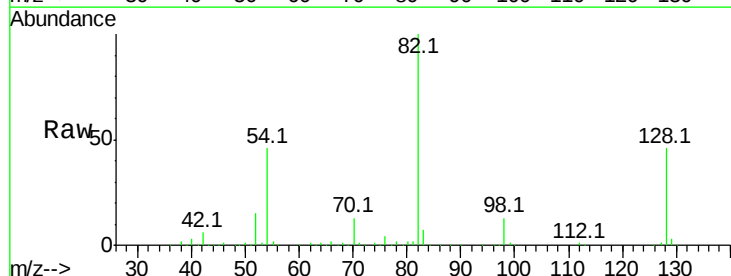


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

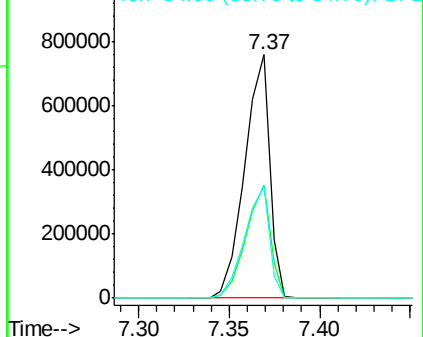
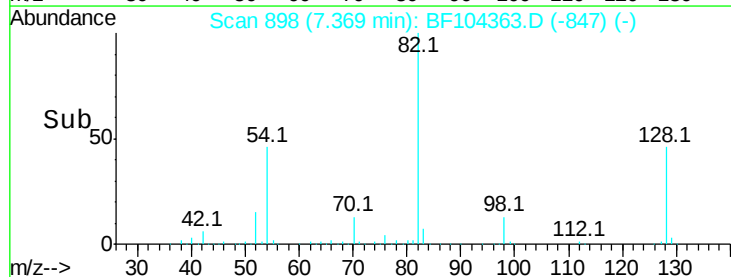


#23
Nitrobenzene-d5
Concen: 74.801 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Tgt	Ion: 82	Resp:	728673
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	45.7	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: 35.358 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

Instrument :

BNA_F

ClientSampleId :

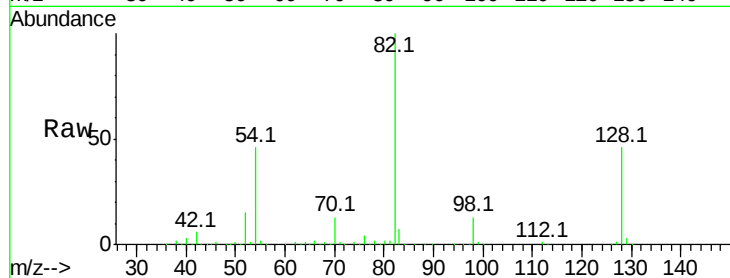
Tot Ion: 82 Resp: 728377

Ion Ratio Lower Upper

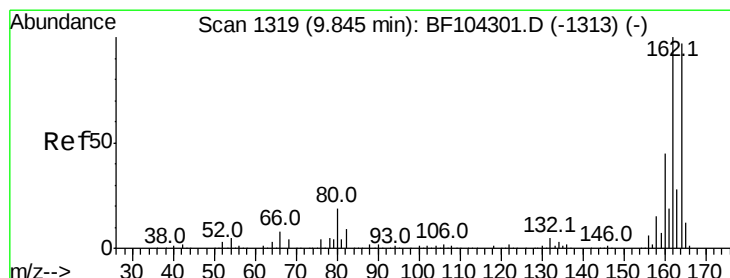
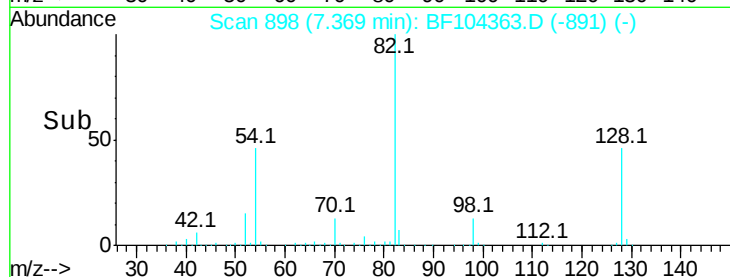
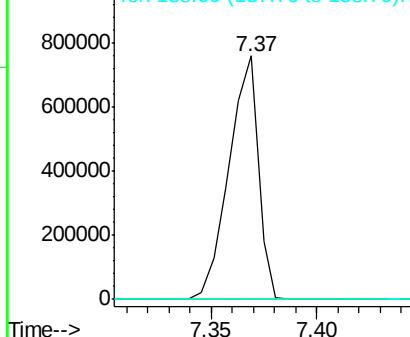
82 100

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: BF104363.D

Acq: 9 Apr 2018 11:20

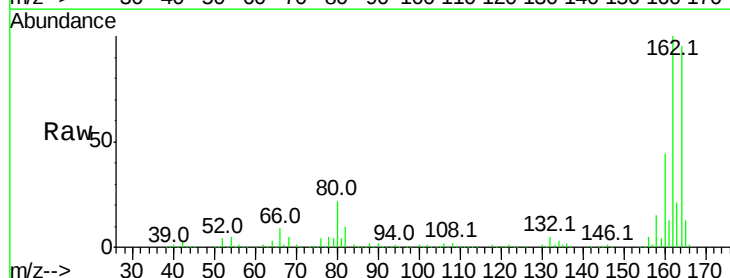
Tgt Ion: 164 Resp: 297578

Ion Ratio Lower Upper

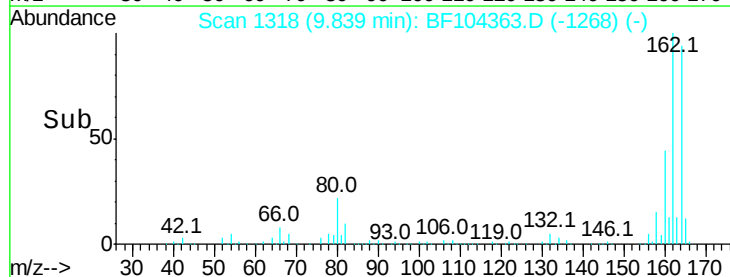
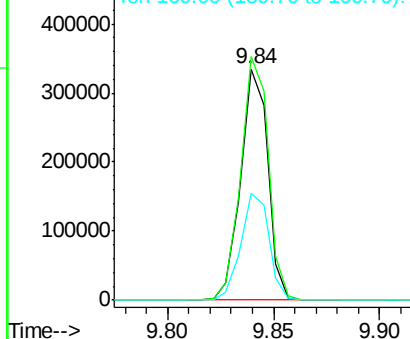
164 100

162 105.2 86.1 129.1

160 46.0 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

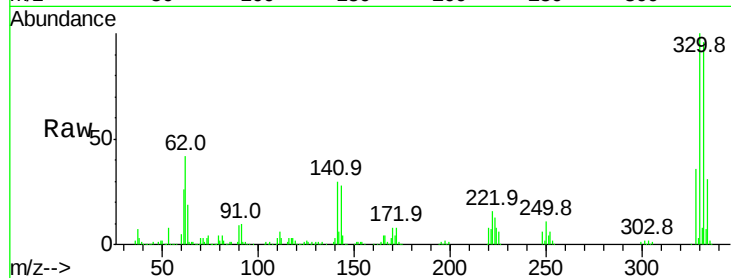




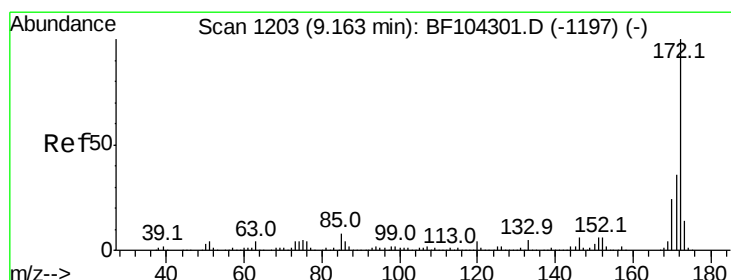
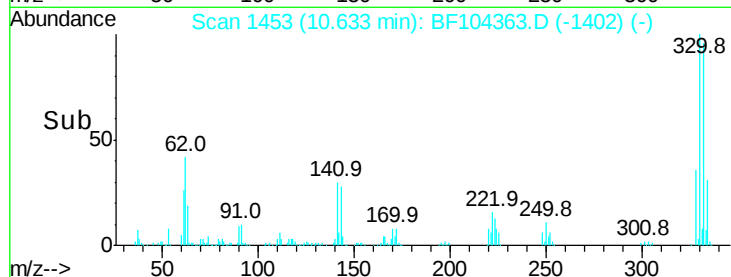
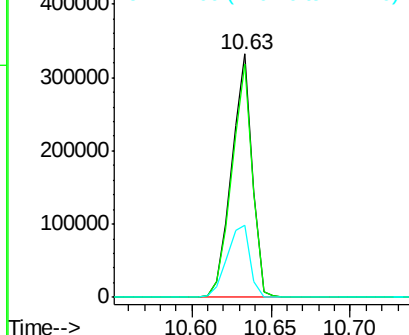
#41
 2,4,6-Tribromophenol
 Concen: 97.042 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104363.D
 Acq: 9 Apr 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.3	29.9	44.9

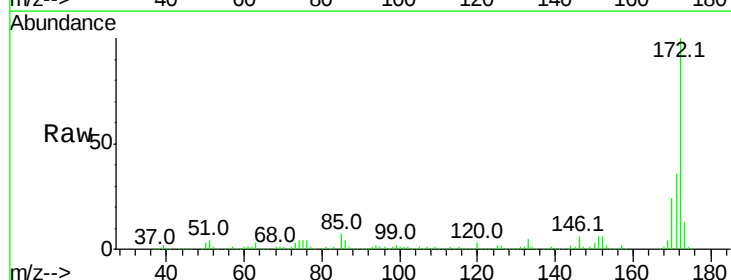


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

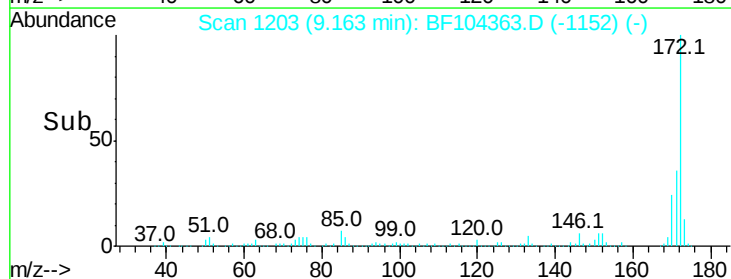
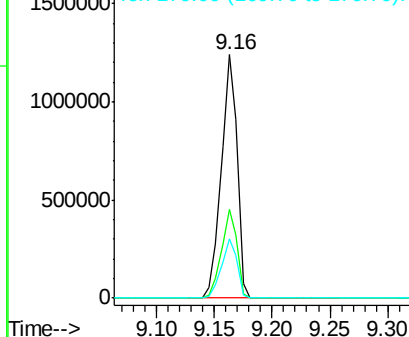


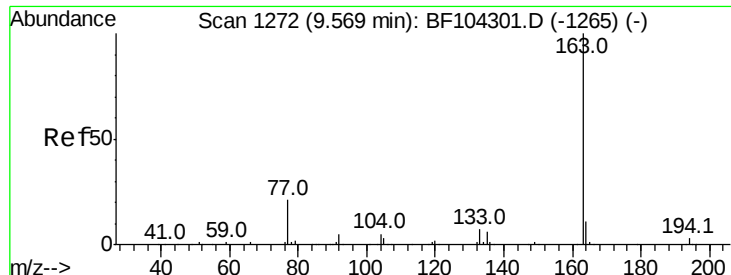
#44
 2-Fluorobiphenyl
 Concen: 62.510 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104363.D
 Acq: 9 Apr 2018 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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

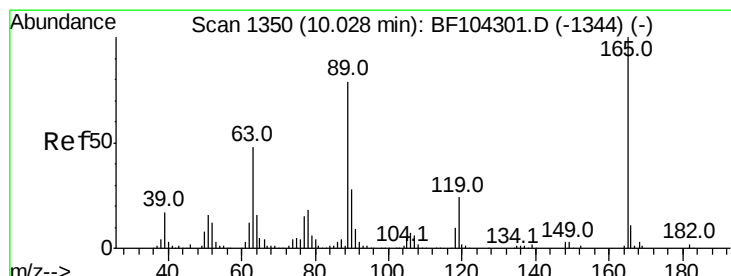
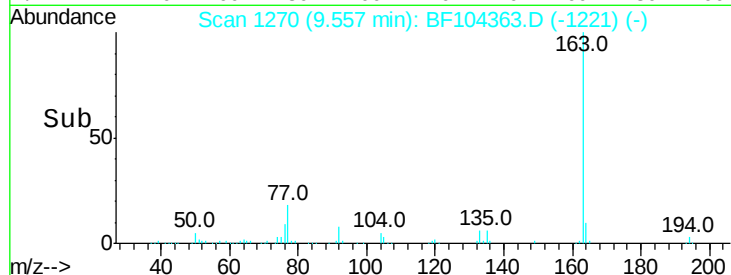
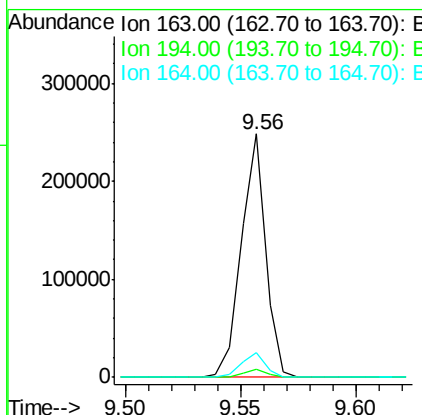
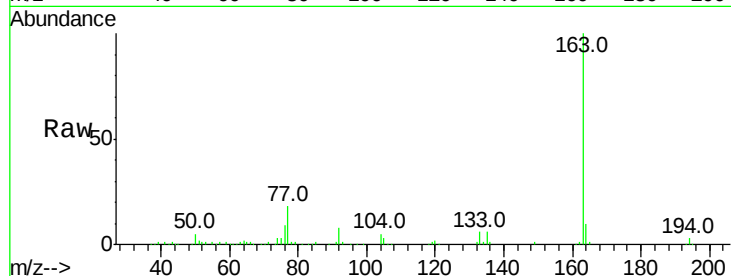




#49
Dimethylphthalate
Concen: 7.818 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

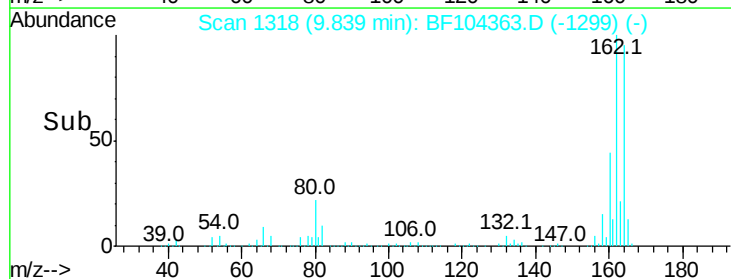
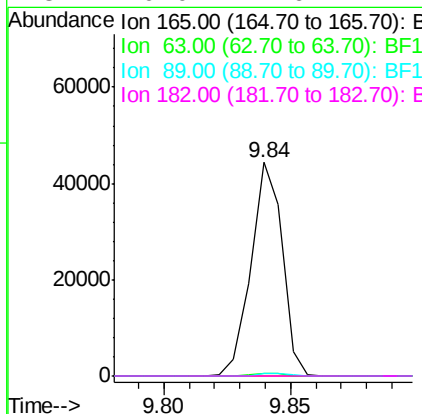
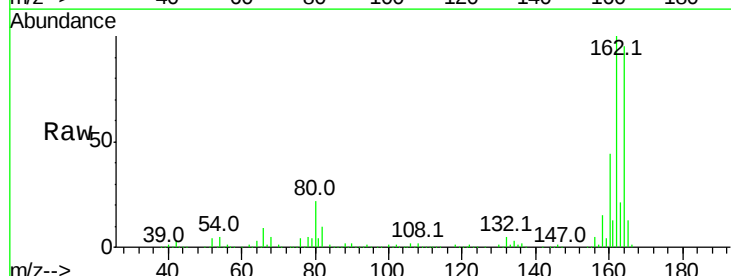
Instrument :
BNA_F
ClientSampleId :

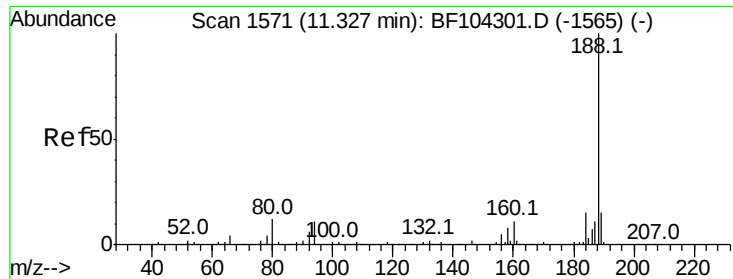
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.734 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

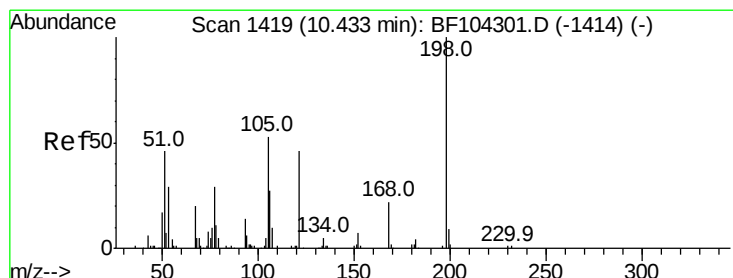
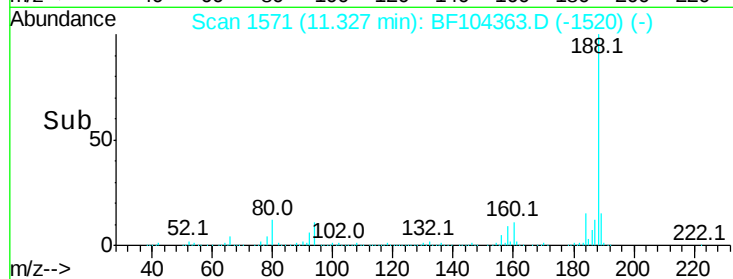
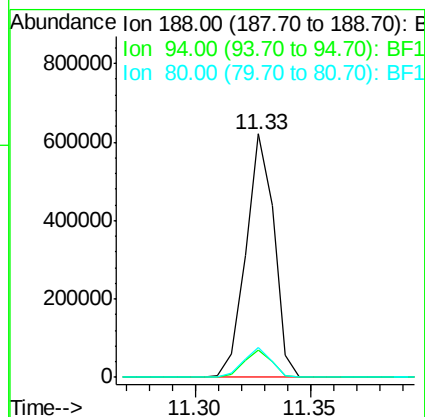
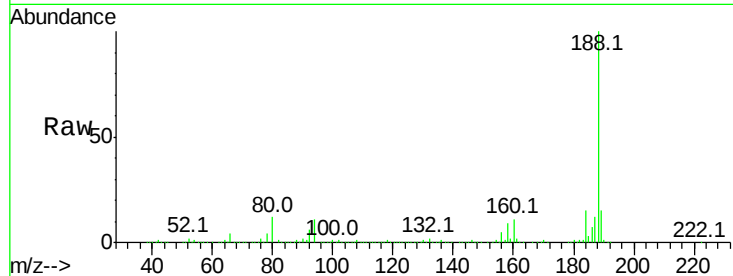




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

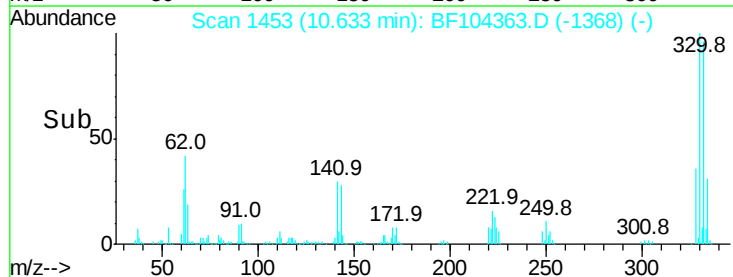
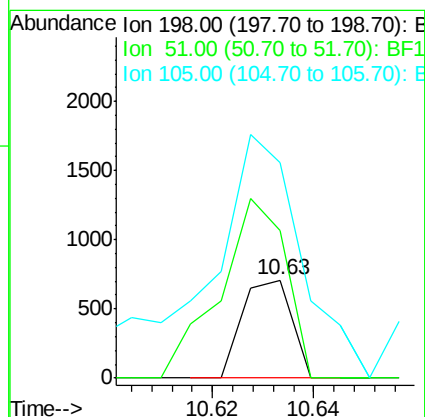
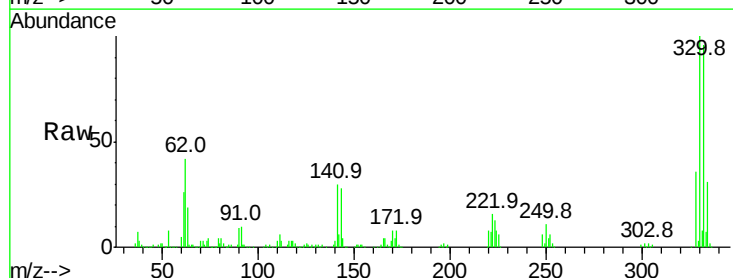
Instrument :
BNA_F
ClientSampleId :

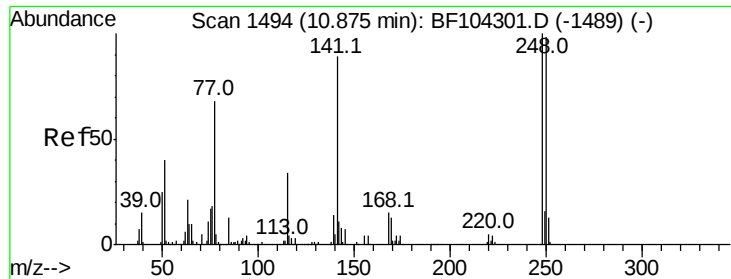
Tot Ion:188 Resp: 526105
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.505 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Tgt Ion:198 Resp: 479
Ion Ratio Lower Upper
198 100
51 150.0 37.7 77.7#
105 219.0 36.3 76.3#

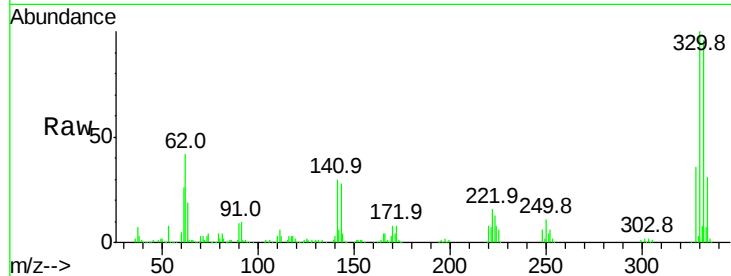




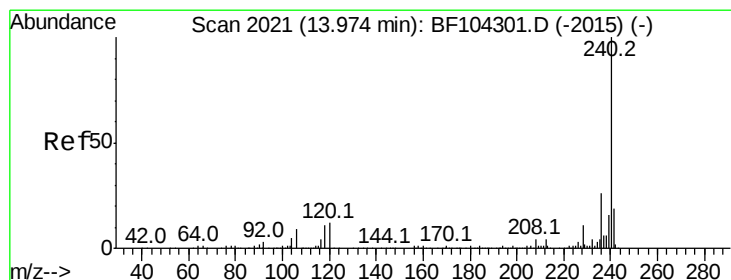
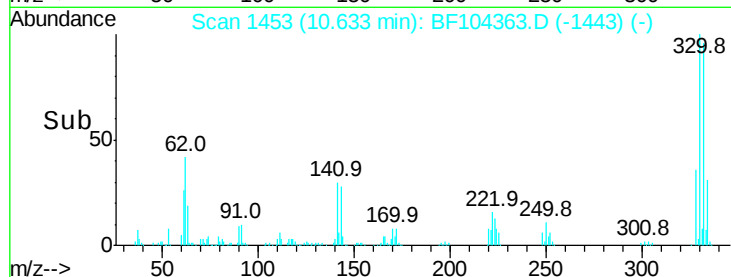
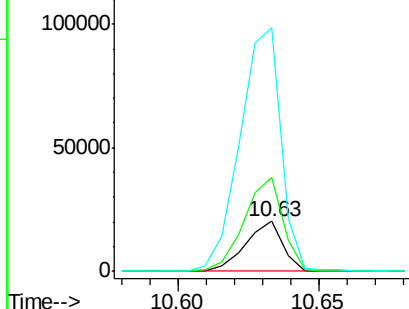
#66
4-Bromophenyl-phenylether
Concen: 3.289 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18406
Ion Ratio Lower Upper
248 100
250 185.7 76.9 115.3#
141 484.1 74.4 111.6#

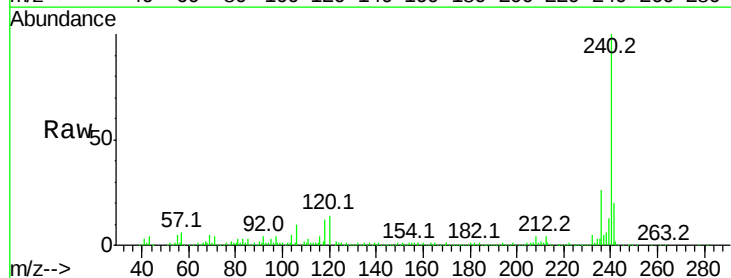


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

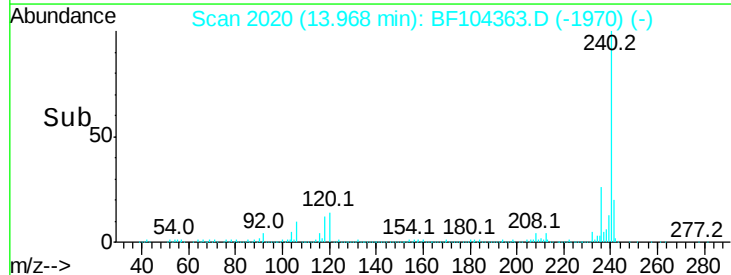
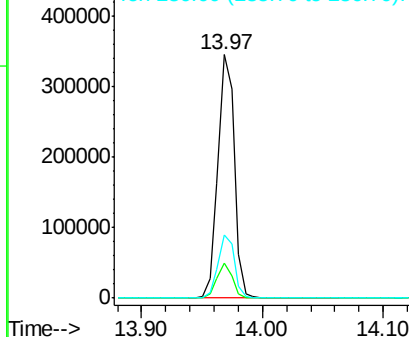


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104363.D
Acq: 9 Apr 2018 11:20

Tgt Ion:240 Resp: 321566
Ion Ratio Lower Upper
240 100
120 14.5 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: 74.973 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

Instrument :

BNA_F

ClientSampled :

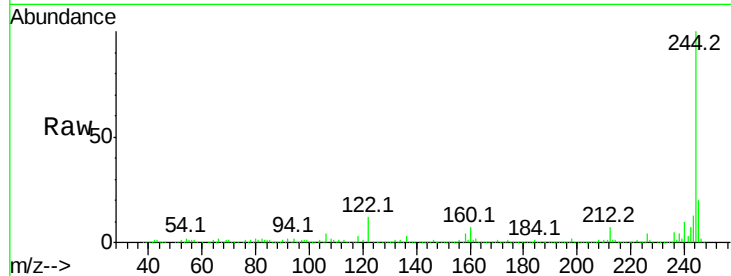
Tot Ion:244 Resp: 1057485

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

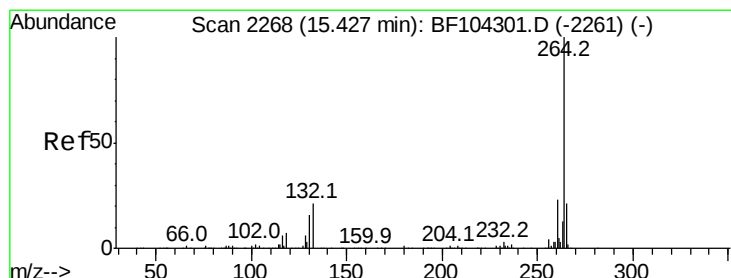
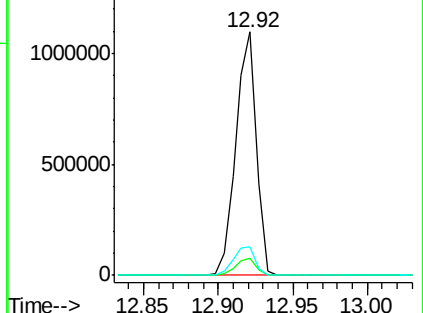
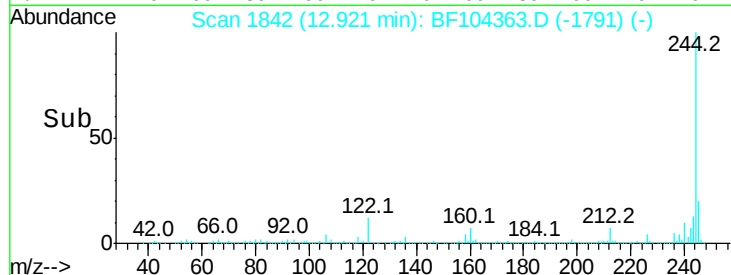
122 12.0 11.0 16.4



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# 2269

Delta R.T. 0.01 min

Lab File: BF104363.D

Acq: 9 Apr 2018 11:20

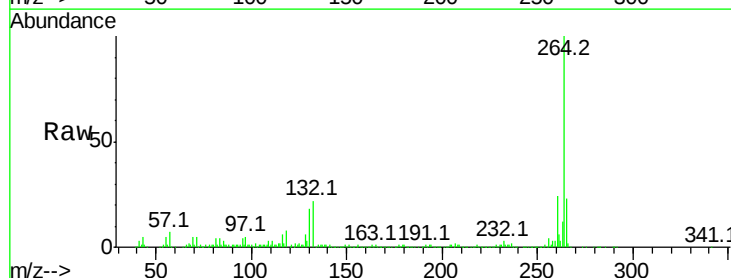
Tgt Ion:264 Resp: 320141

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.8 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

