

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104594.D
 Acq On : 18 Apr 2018 11:58
 Operator : JU/SJ
 Sample : J2408-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:42:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138282	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572400	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	262363	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	464246	20.00	ng	0.00
75) Chrysene-d12	13.97	240	317466	20.00	ng	0.00
86) Perylene-d12	15.43	264	258285	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	707511	78.23	ng	0.00
7) Phenol-d6	6.44	99	855355	76.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	534983	61.03	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	219911	80.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	963767	58.03	ng	0.00
78) Terphenyl-d14	12.92	244	922637	66.26	ng	0.00

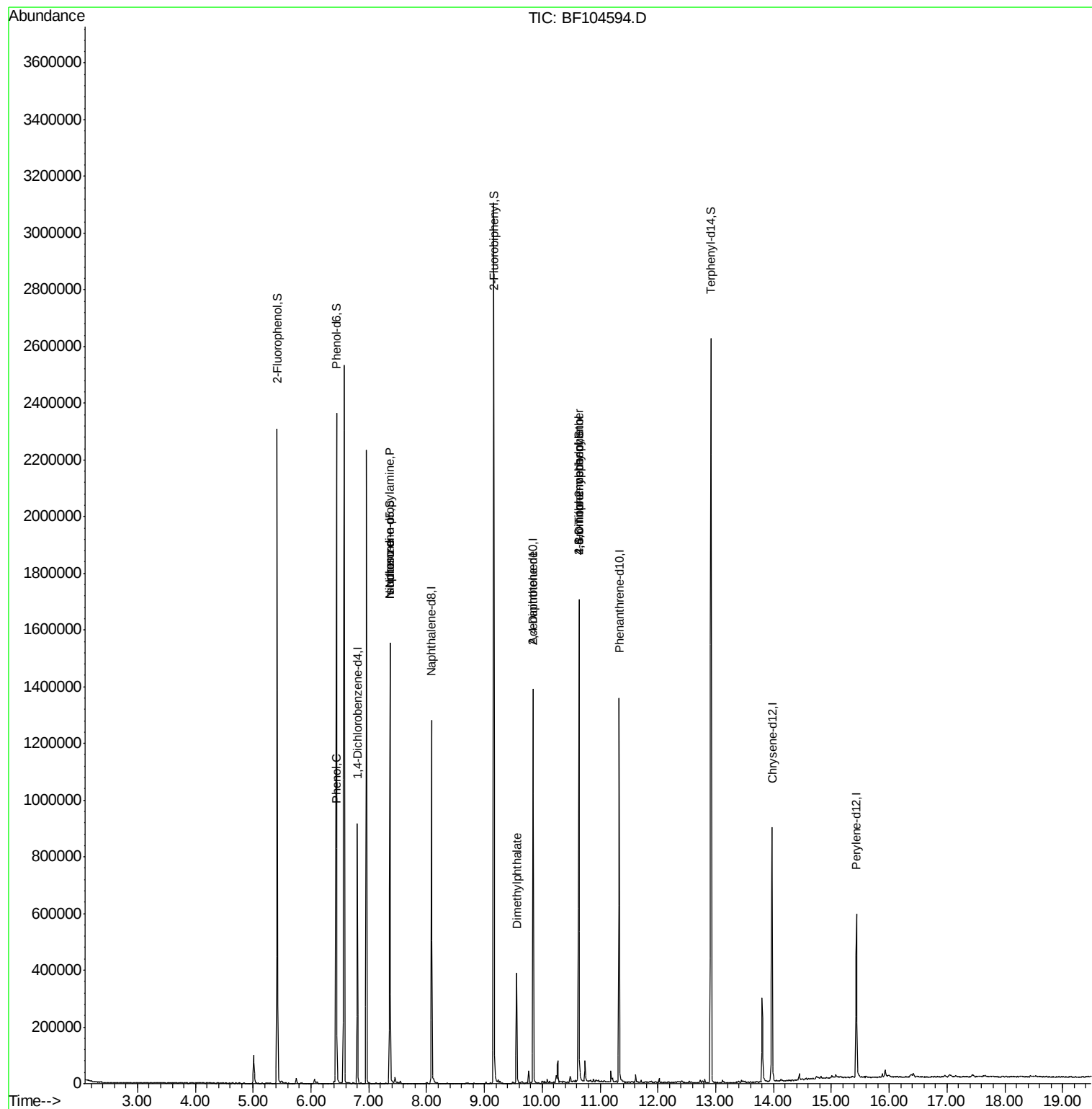
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	36836	3.124	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	69271	9.540	ng	# 71
25) Isophorone	7.37	82	534977	28.860	ng	# 64
49) Dimethylphthalate	9.56	163	176079	8.511	ng	98
56) 2,4-Dinitrotoluene	9.84	165	33525	6.676	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	453	7.517	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12948	2.622	ng	# 1
76) Benzidine	12.92	184	12216	Below Cal		# 96

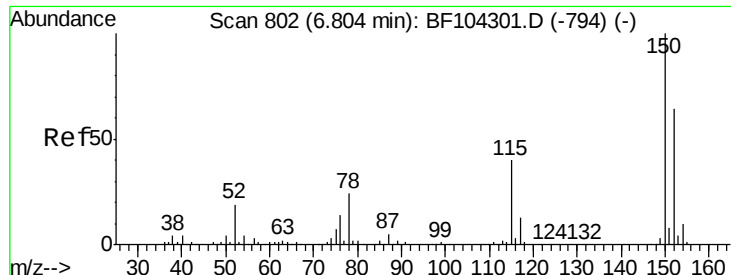
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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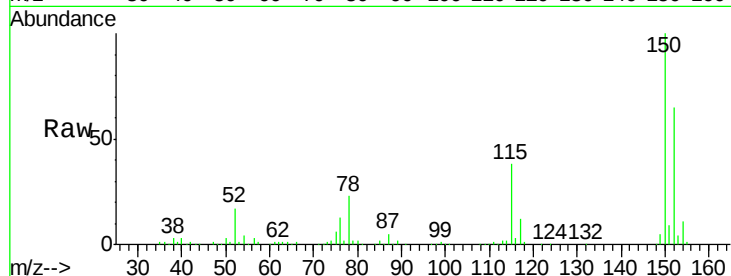


#1

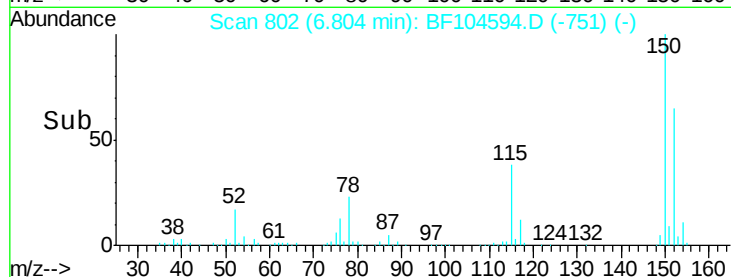
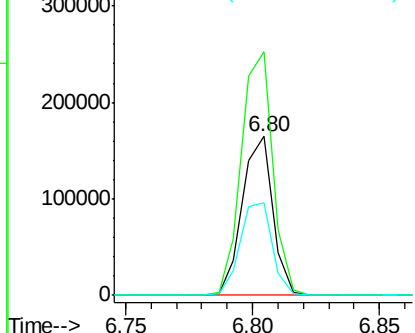
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138282
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 58.7 50.1 75.1



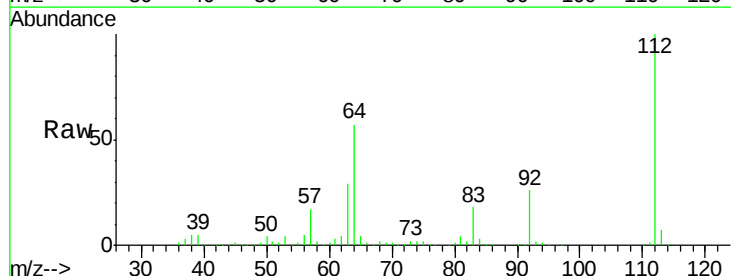
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



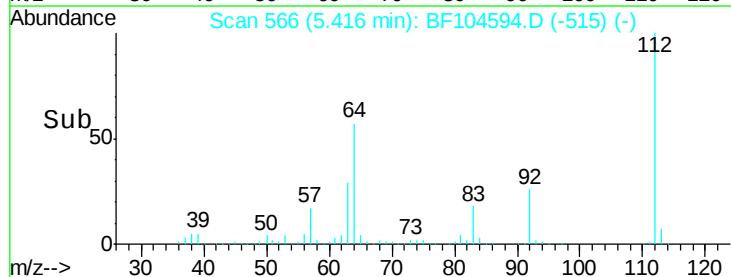
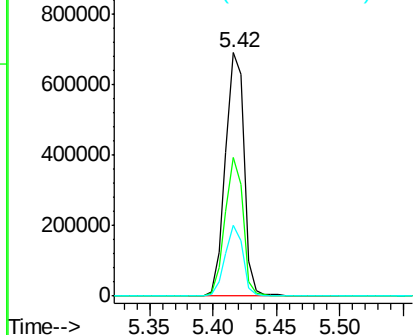
#5

2-Fluorophenol
Concen: 78.233 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:112 Resp: 707511
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.3 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: 76.978 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

Instrument :

BNA_F

ClientSampled :

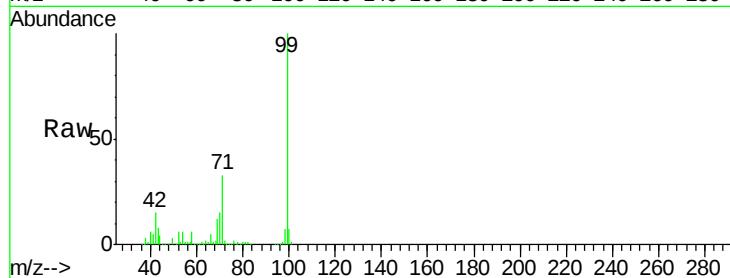
Tot Ion: 99 Resp: 855355

Ion Ratio Lower Upper

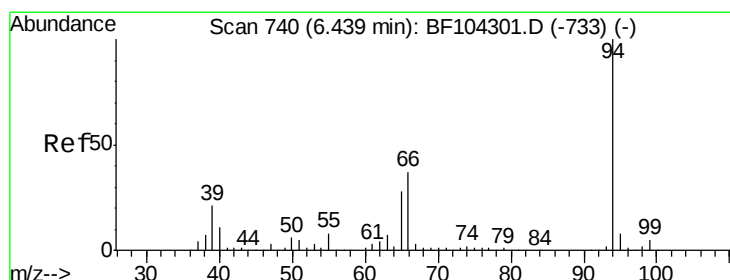
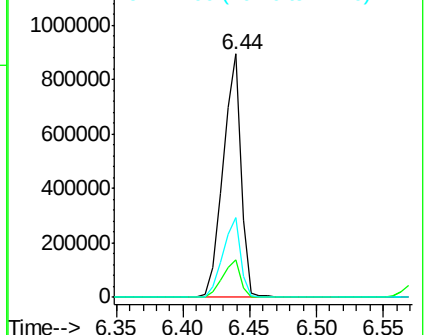
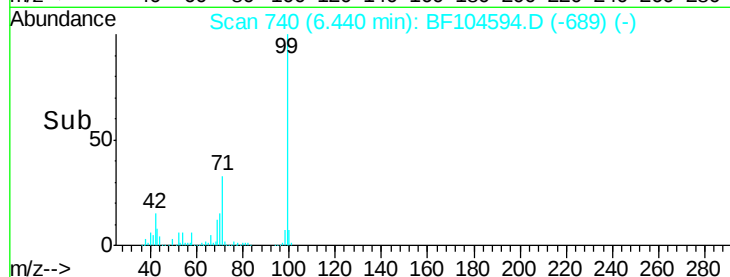
99 100

42 15.4 14.5 21.7

71 32.8 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



#10

Phenol

Concen: 3.124 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

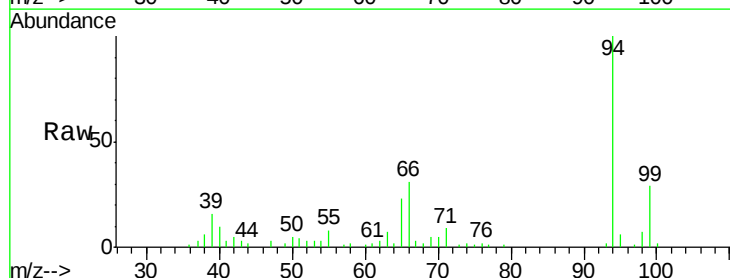
Tgt Ion: 94 Resp: 36836

Ion Ratio Lower Upper

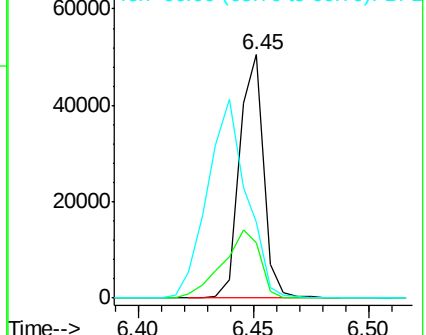
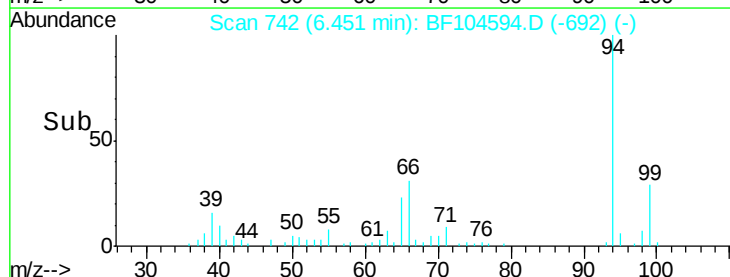
94 100

65 23.0 7.9 47.9

66 31.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

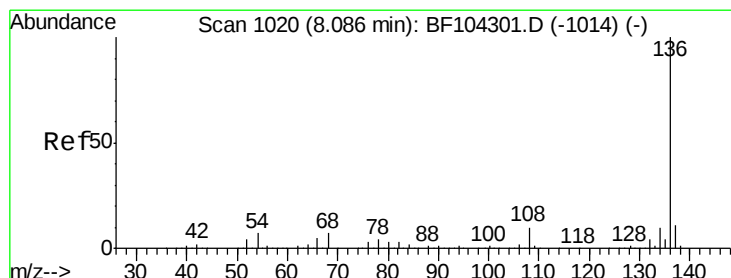
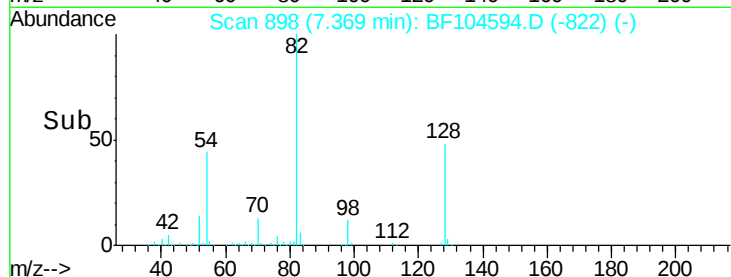
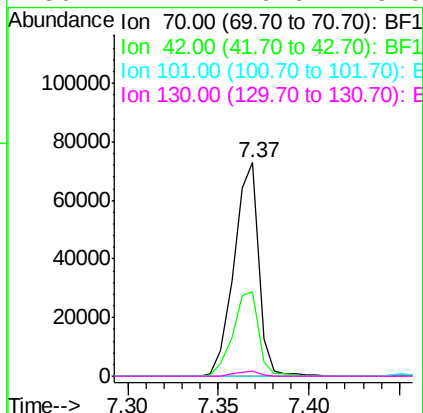
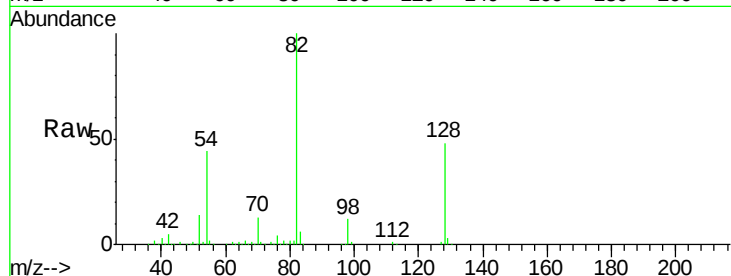




#19
n-Nitroso-di-n-propylamine
Concen: 9.540 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

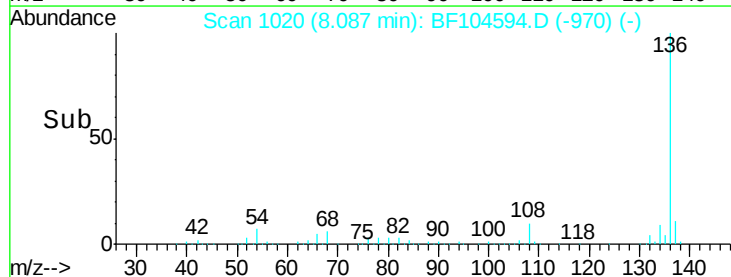
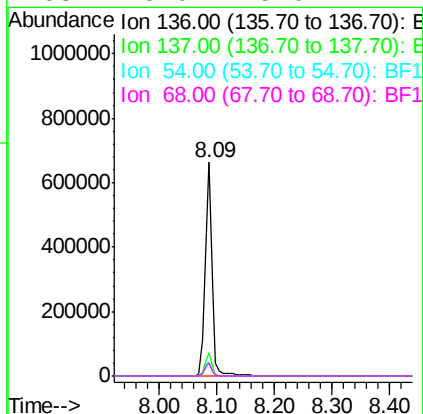
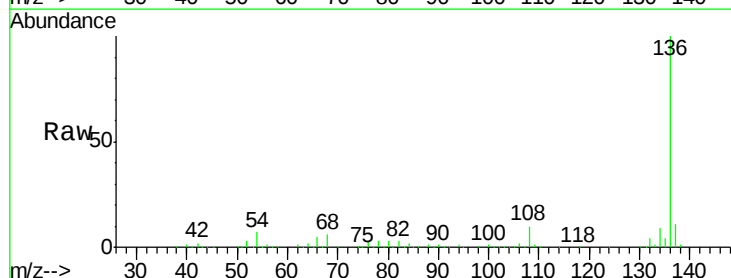
Instrument :
BNA_F
ClientSampleId :

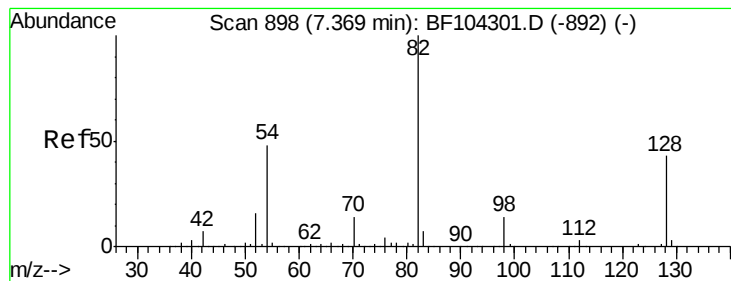
Tot Ion: 70 Resp: 69271
Ion Ratio Lower Upper
70 100
42 39.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:136 Resp: 572400
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.7 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 61.030 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

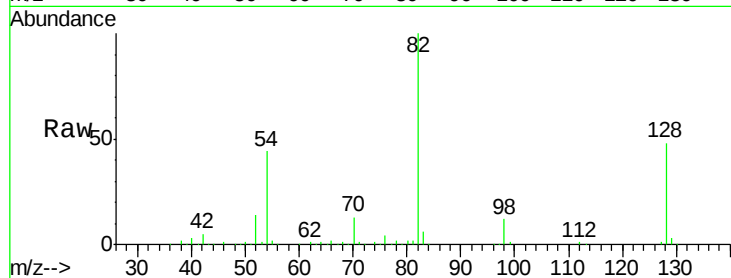
Tot Ion: 82 Resp: 534983

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

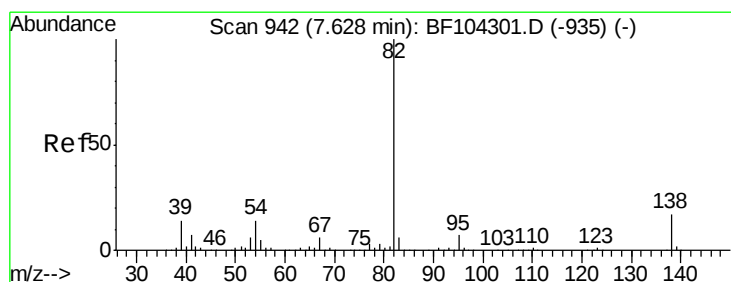
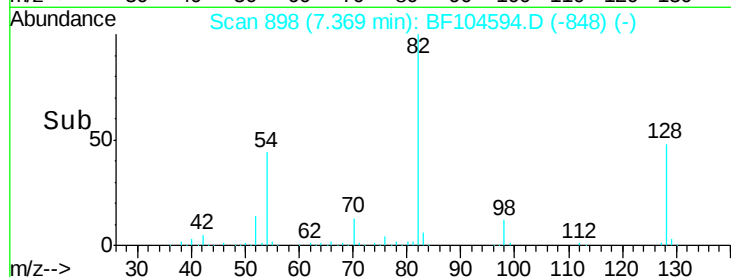
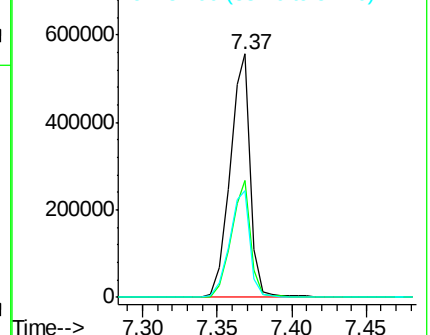
54 43.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 28.860 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

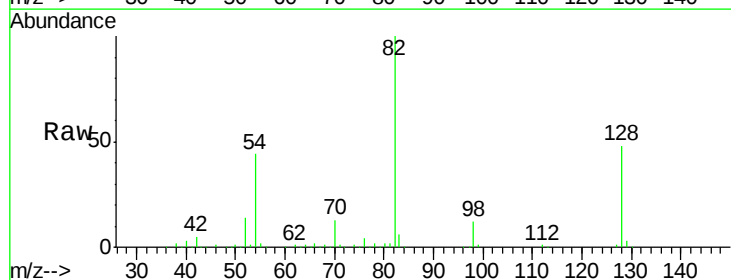
Tgt Ion: 82 Resp: 534977

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

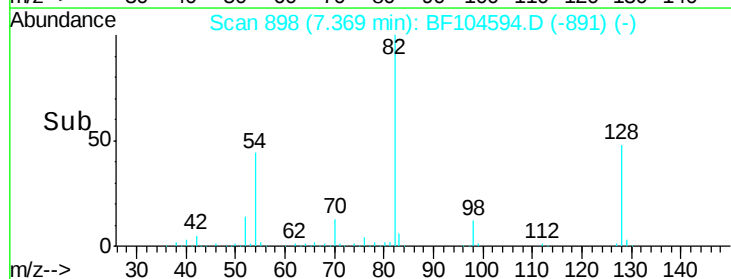
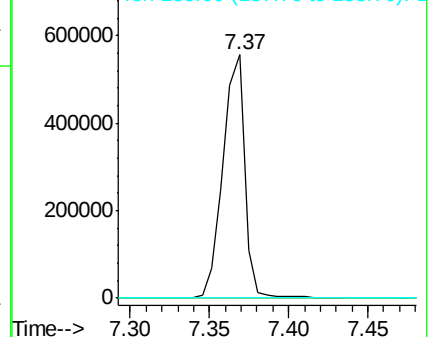
138 0.0 14.9 22.3#

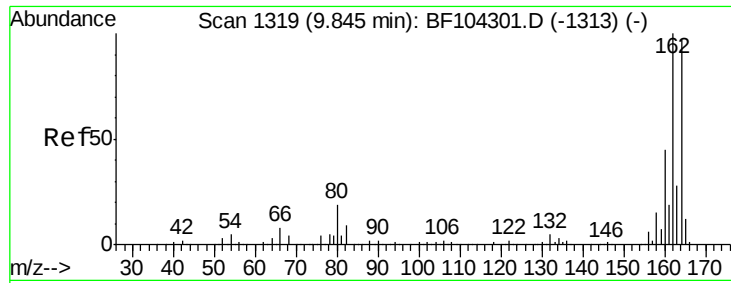


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

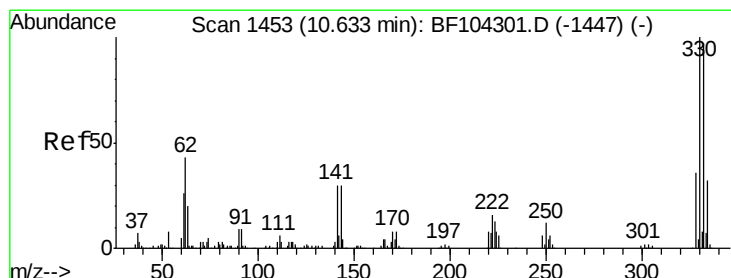
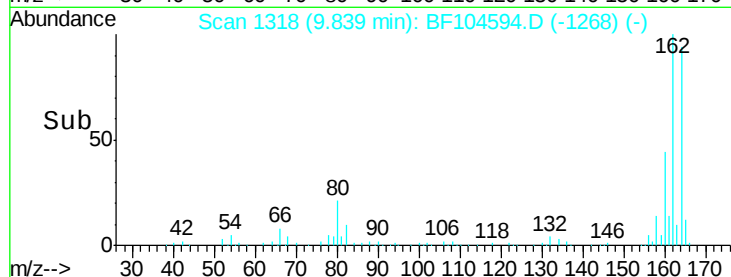
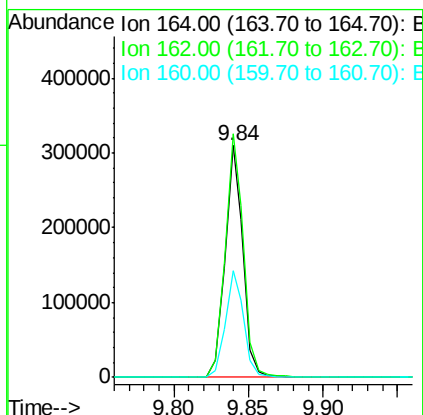
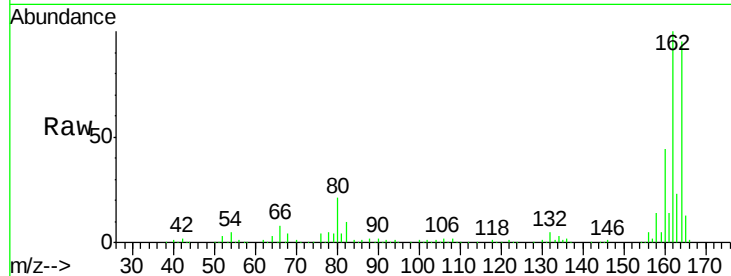




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

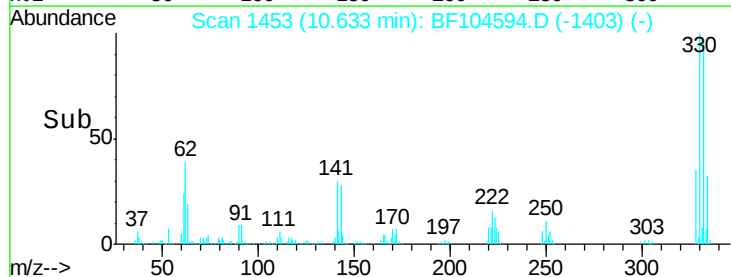
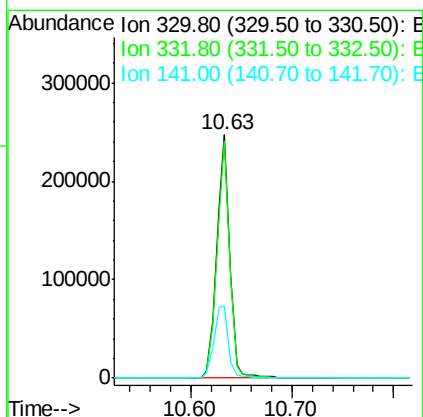
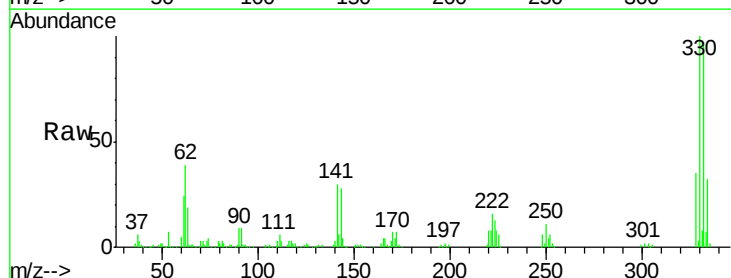
Instrument :
BNA_F
ClientSampleId :

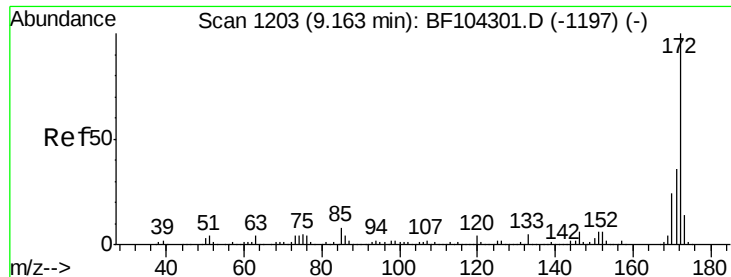
Tot Ion:164 Resp: 262363
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 80.803 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:330 Resp: 219911
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.3 29.9 44.9

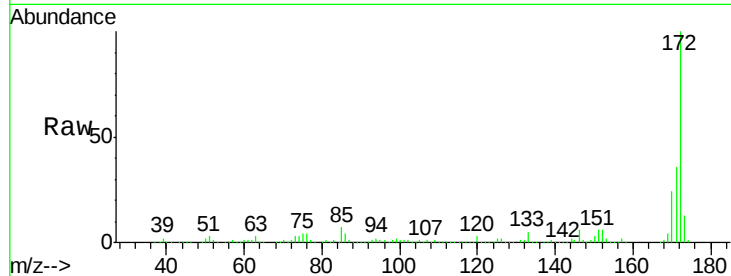




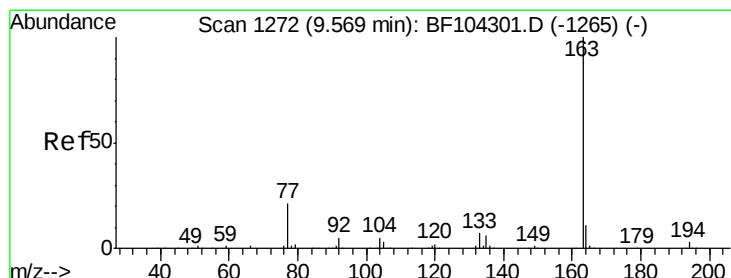
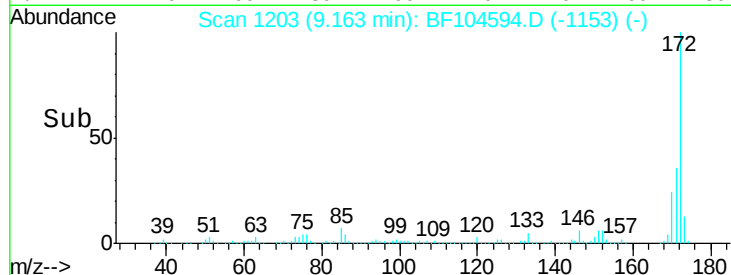
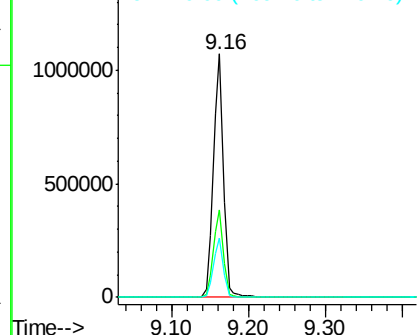
#44
2-Fluorobiphenyl
Concen: 58.031 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 963767
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

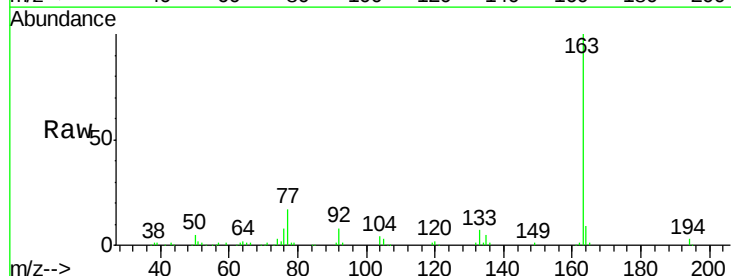


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

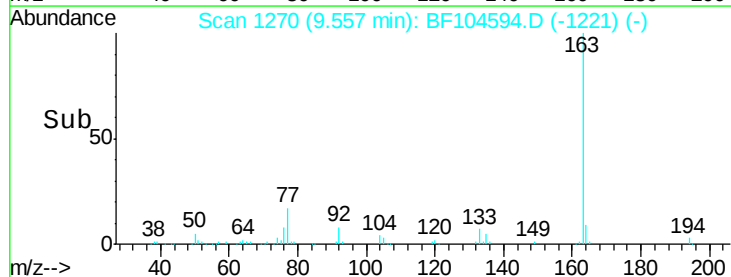
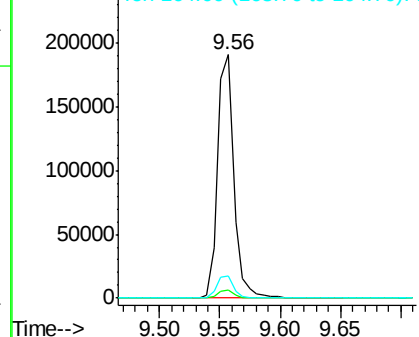


#49
Dimethylphthalate
Concen: 8.511 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Tgt Ion:163 Resp: 176079
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

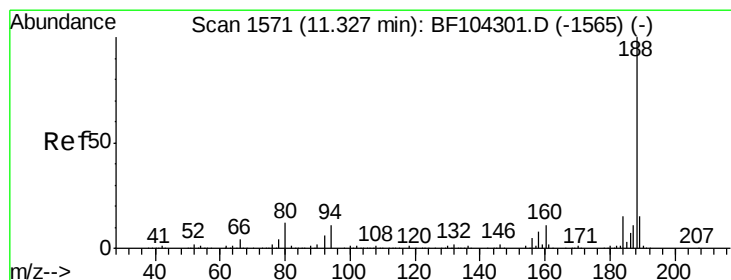
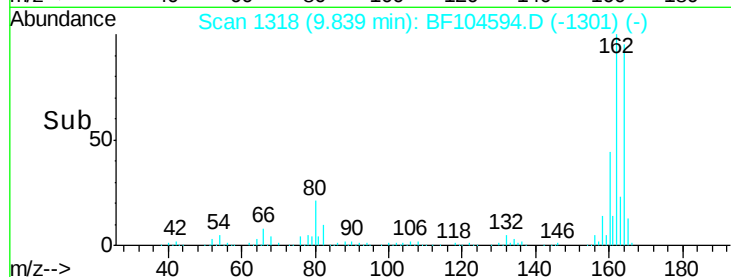
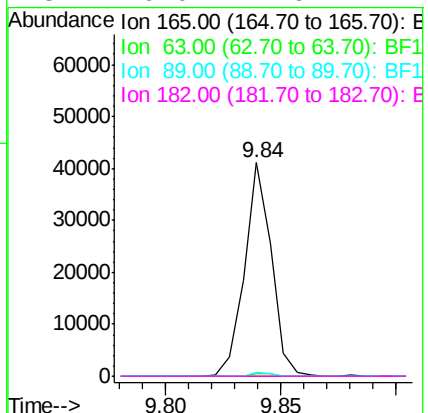
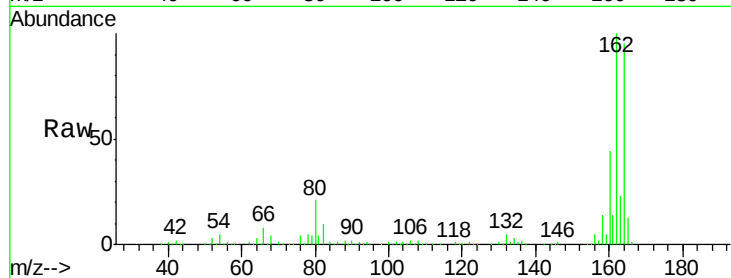




#56
 2,4-Dinitrotoluene
 Concen: 6.676 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

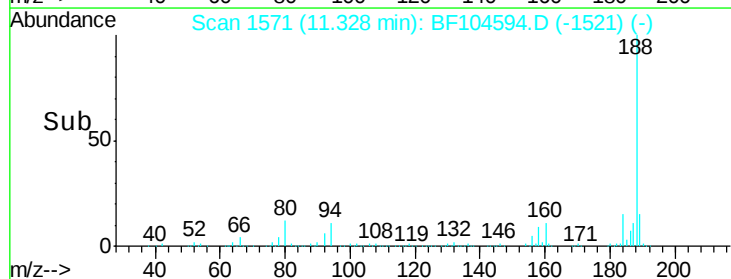
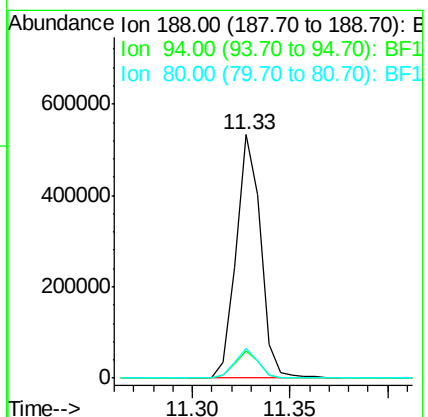
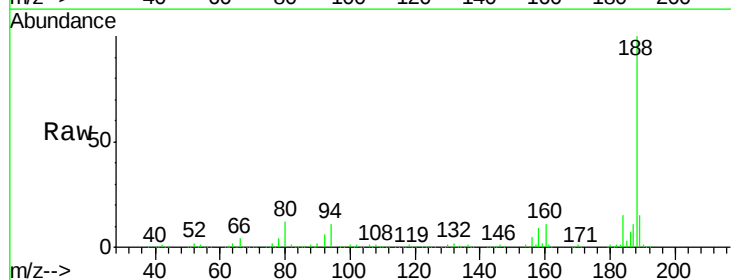
Instrument :
 BNA_F
 ClientSampleId :

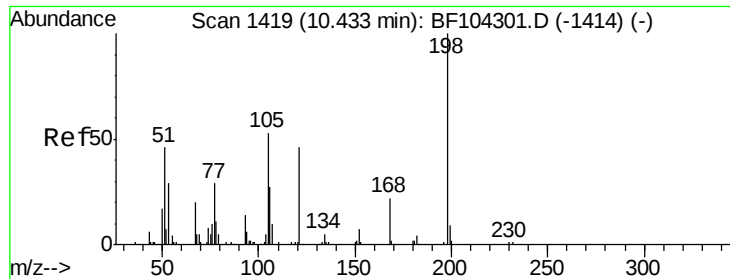
Tot Ion:165	Resp:	33525
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

Tgt Ion:188	Resp:	464246
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.5 12.7
80	12.1	9.2 13.8

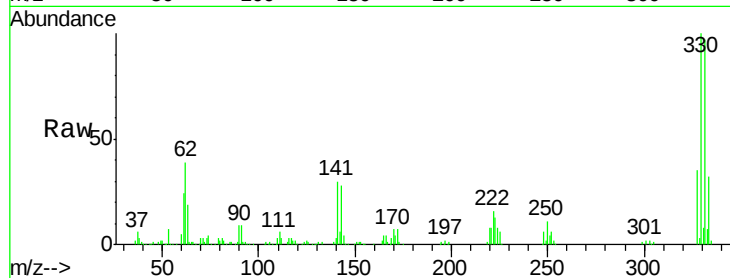




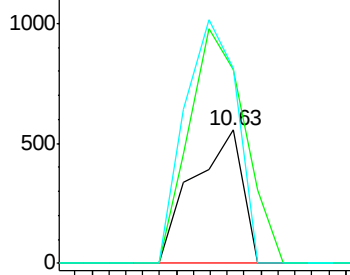
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.517 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

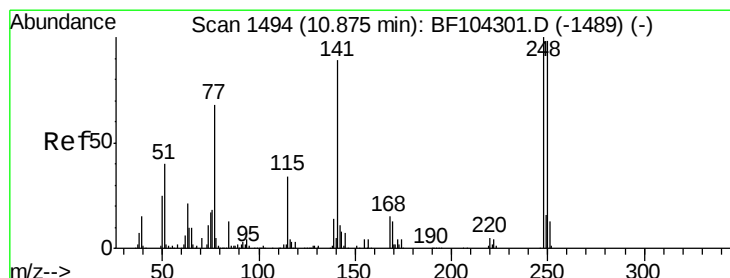
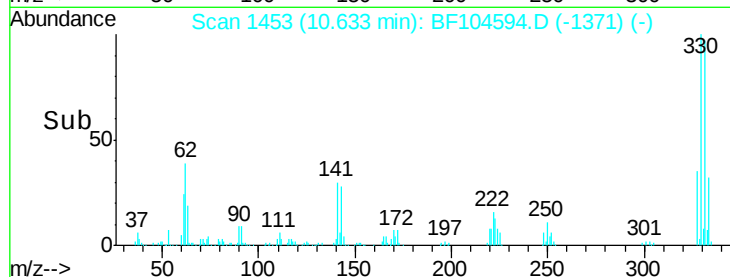
Tot Ion:198 Resp: 453
 Ion Ratio Lower Upper
 198 100
 51 145.0 37.7 77.7#
 105 146.4 36.3 76.3#



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

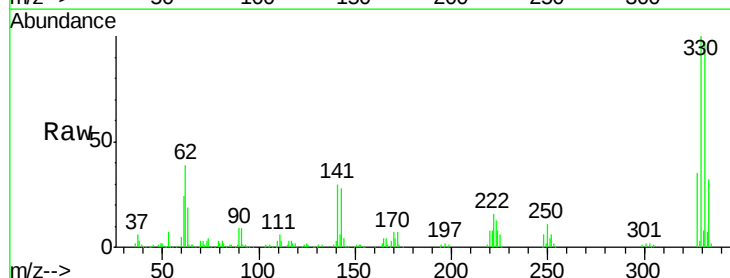


Time-->

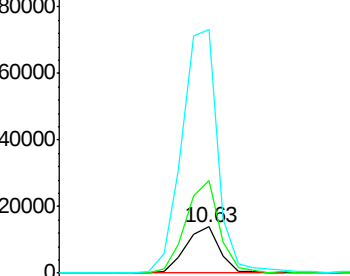


#66
 4-Bromophenyl-phenylether
 Concen: 2.622 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF104594.D
 Acq: 18 Apr 2018 11:58

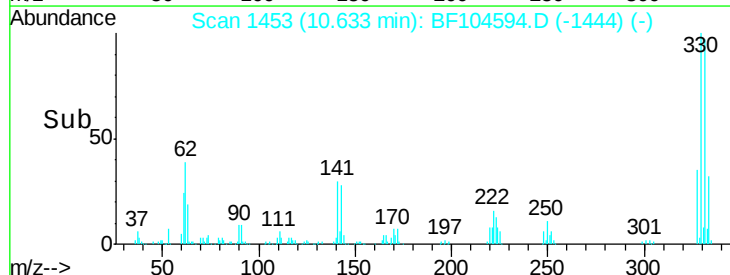
Tgt Ion:248 Resp: 12948
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 526.5 74.4 111.6#

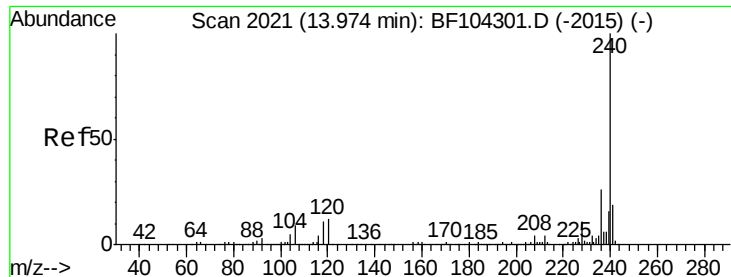


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

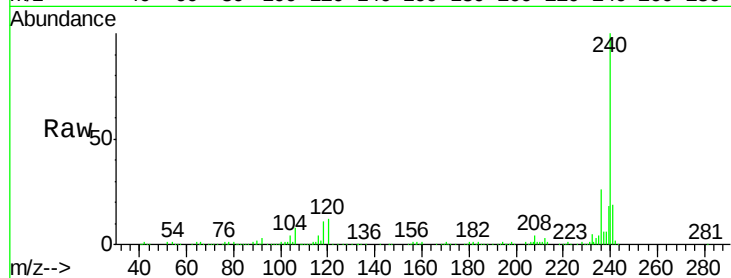
Tot Ion:240 Resp: 317466

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

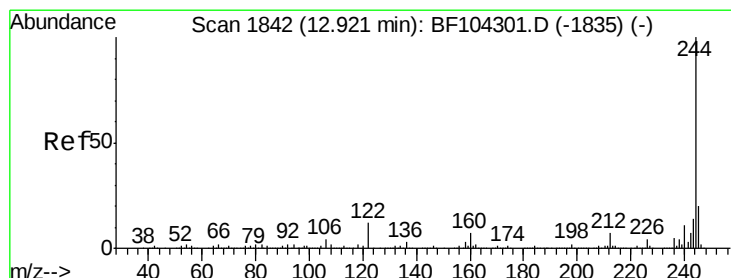
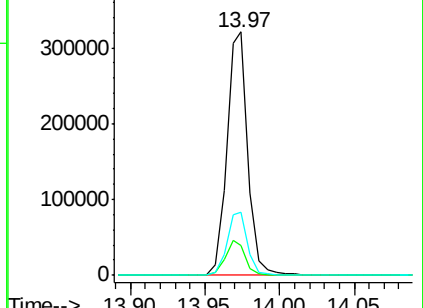
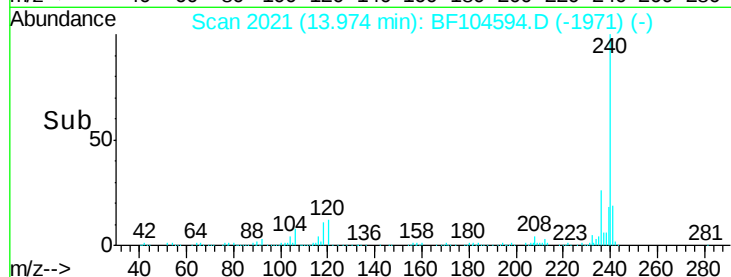
236 25.9 20.7 31.1



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: 66.258 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104594.D

Acq: 18 Apr 2018 11:58

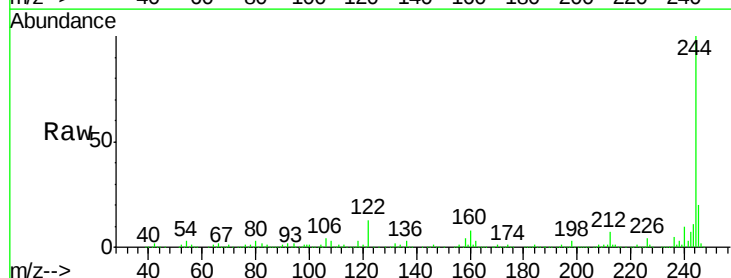
Tgt Ion:244 Resp: 922637

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

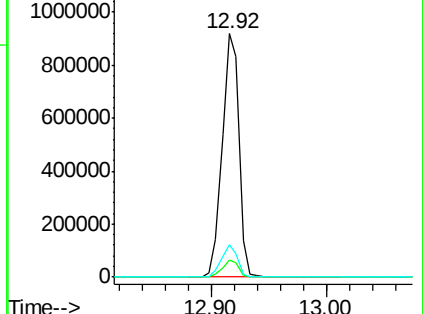
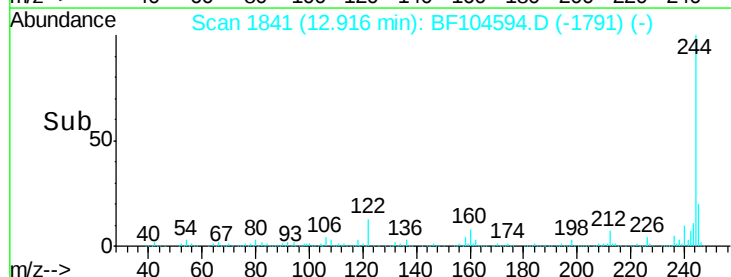
122 13.4 11.0 16.4

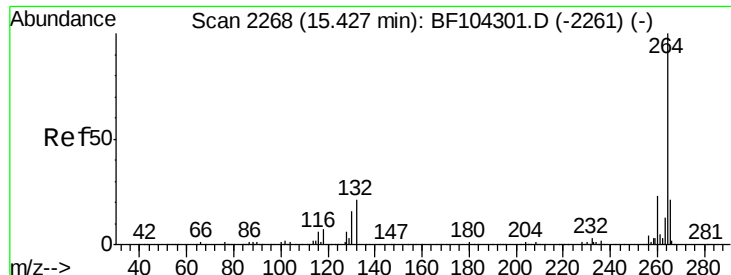


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

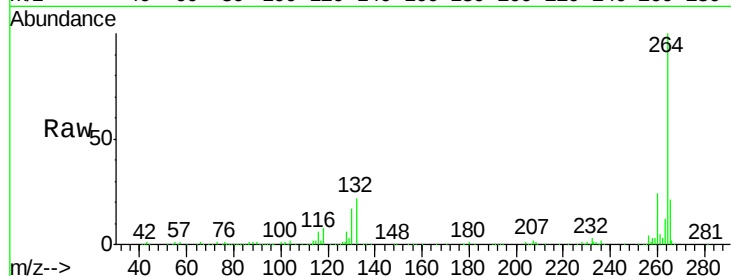




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104594.D
Acq: 18 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	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

