

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104231.D
 Acq On : 4 Apr 2018 17:55
 Operator : JU/SJ
 Sample : J2185-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:00:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

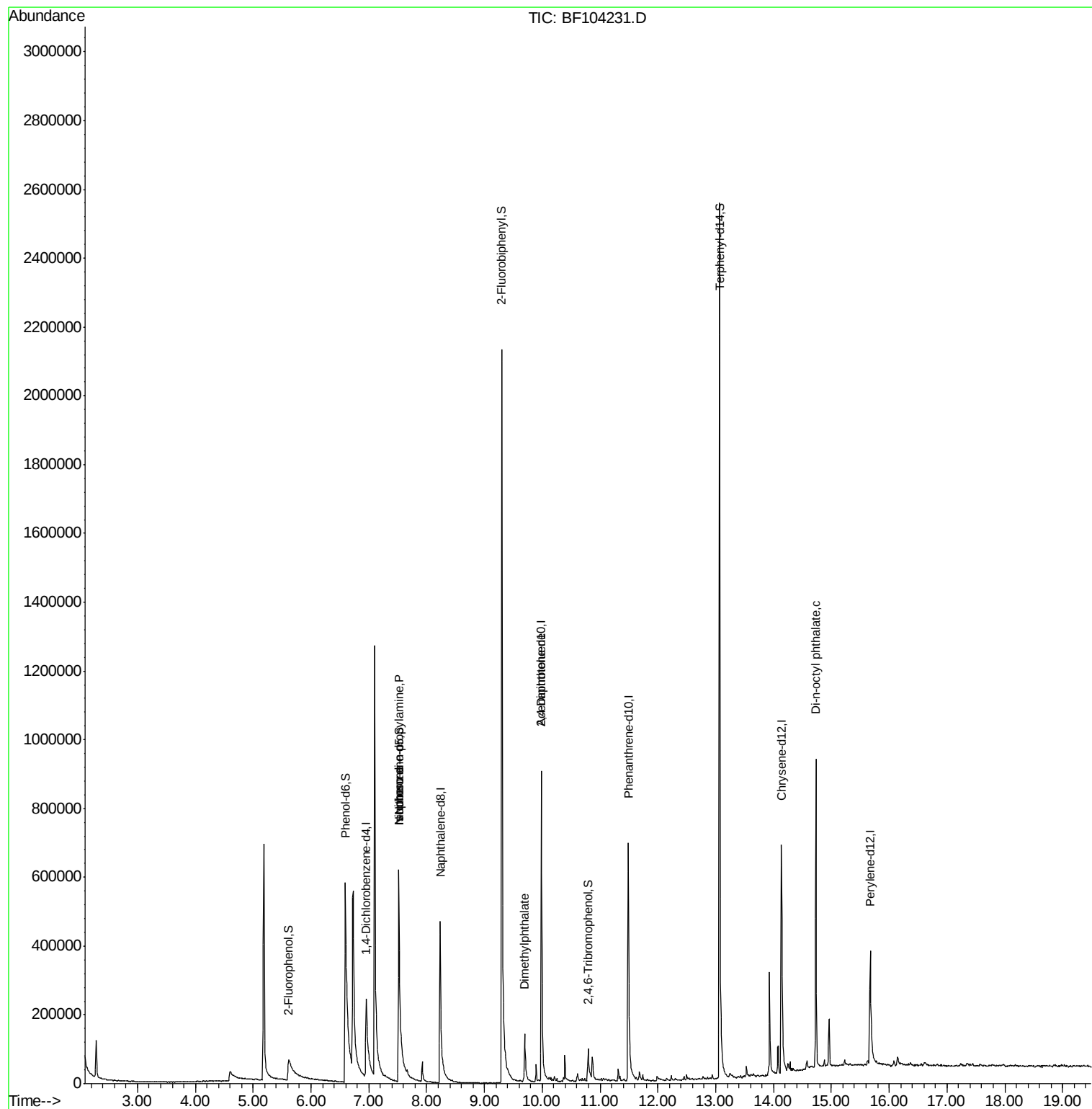
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108533	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	494687	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	237743	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	461238	20.00	ng	0.00
75) Chrysene-d12	14.14	240	370606	20.00	ng	0.00
86) Perylene-d12	15.67	264	251989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	116117	17.06	ng	0.02
7) Phenol-d6	6.59	99	697227	83.27	ng	-0.01
23) Nitrobenzene-d5	7.52	82	515125	63.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	32011	12.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1086210	72.05	ng	0.00
78) Terphenyl-d14	13.07	244	1142207	71.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	537	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.52	70	59311	11.936 ng	#	1
25) Isophorone	7.52	82	515125	34.555 ng	#	71
49) Dimethylphthalate	9.70	163	103610	5.520 ng	#	64
56) 2,4-Dinitrotoluene	9.99	165	29270	5.680 ng	#	99
84) Di-n-octyl phthalate	14.73	149	86573	3.103 ng	#	23
					#	62

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

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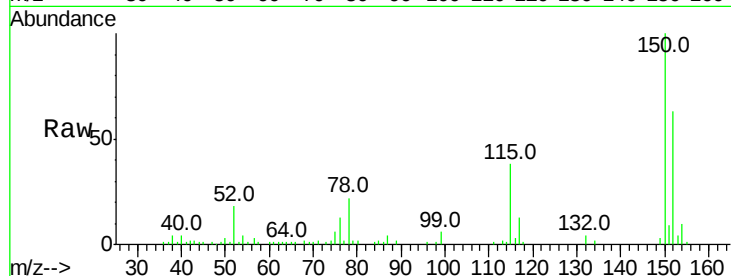


#1

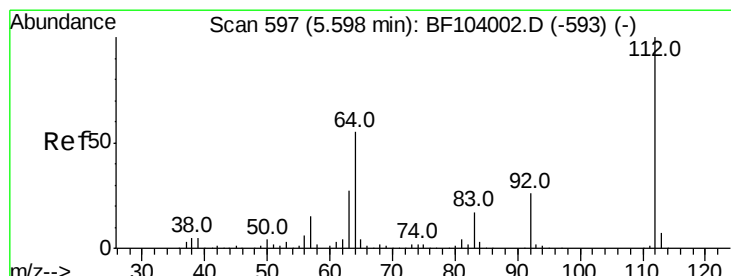
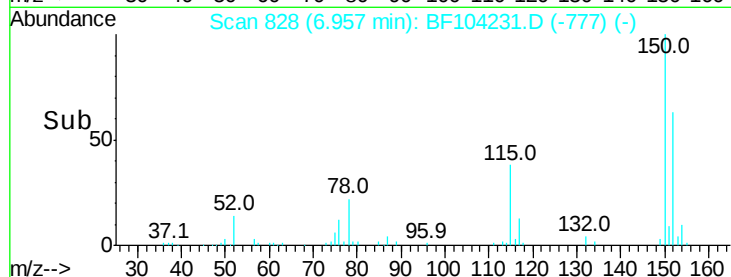
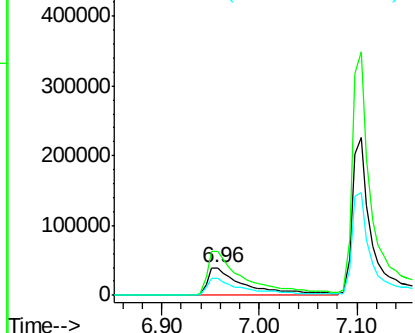
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108533
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 60.3 50.1 75.1



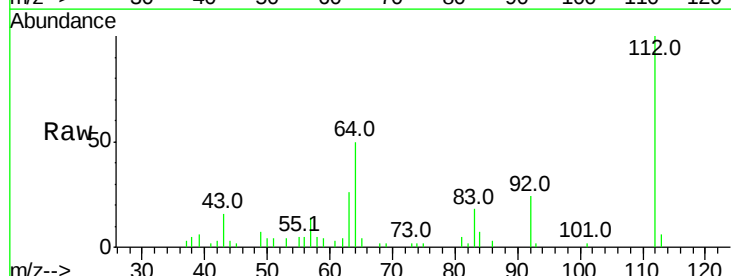
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



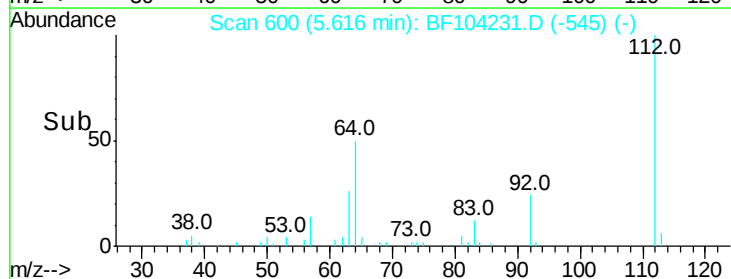
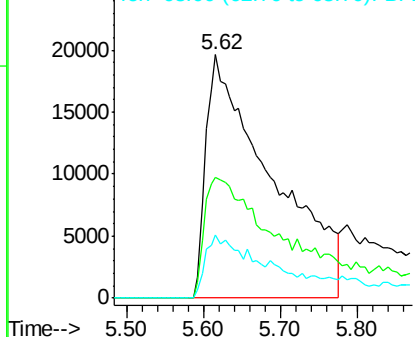
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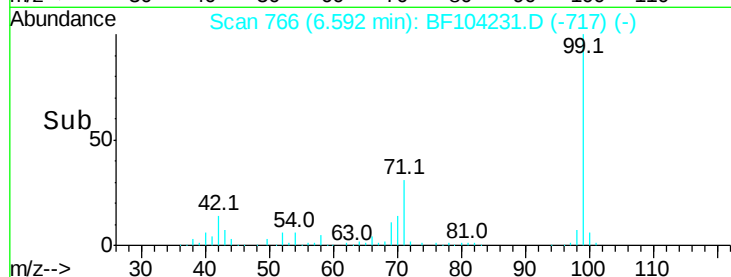
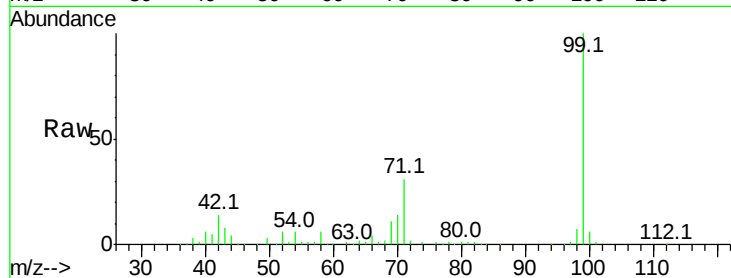
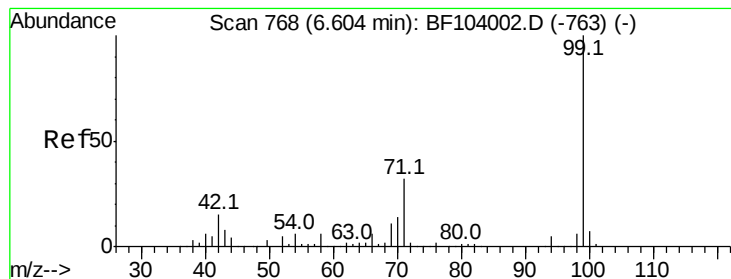
2-Fluorophenol
Concen: 17.062 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.02 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Tgt Ion:112 Resp: 116117
Ion Ratio Lower Upper
112 100
64 49.7 47.9 71.9
63 26.1 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: 83.271 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

ClientSampleId :

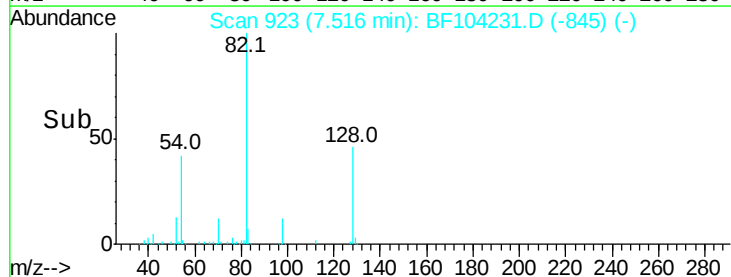
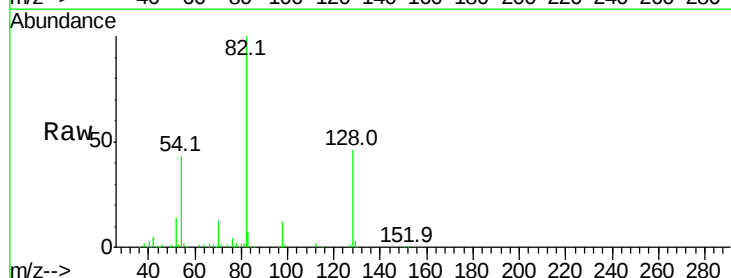
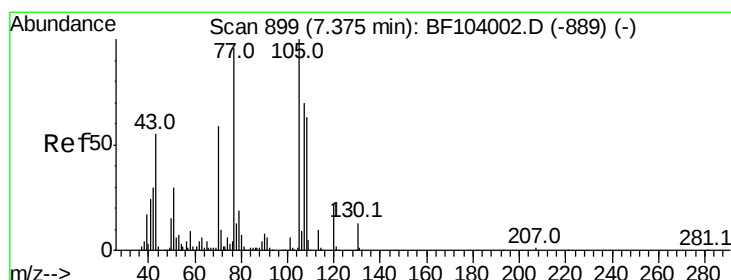
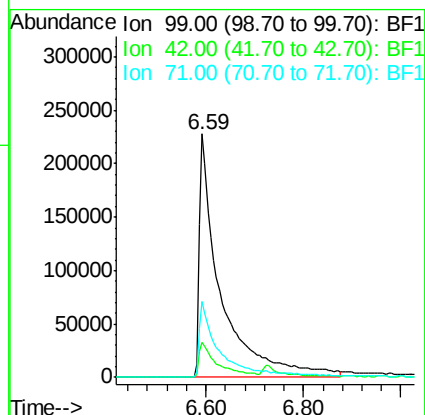
Tot Ion: 99 Resp: 697227

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 31.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.936 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.16 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Tgt Ion: 70 Resp: 59311

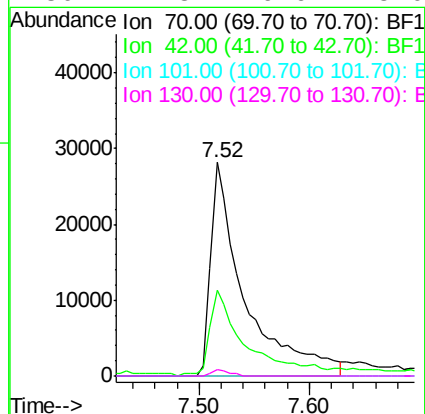
Ion Ratio Lower Upper

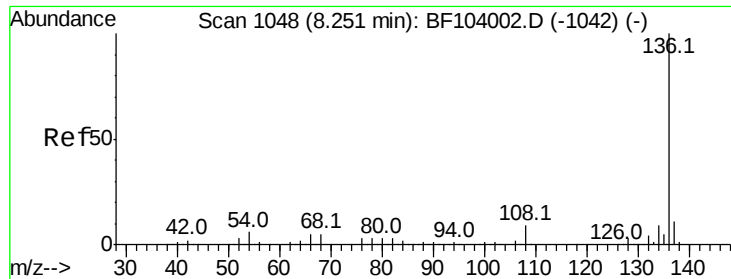
70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

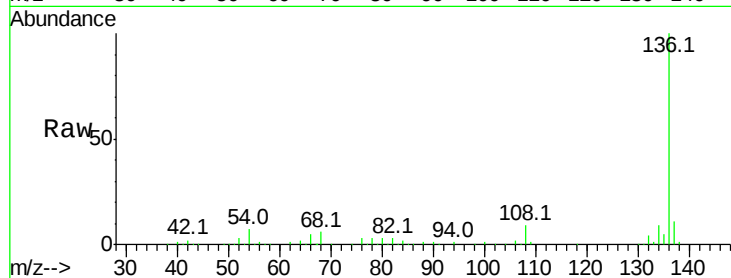




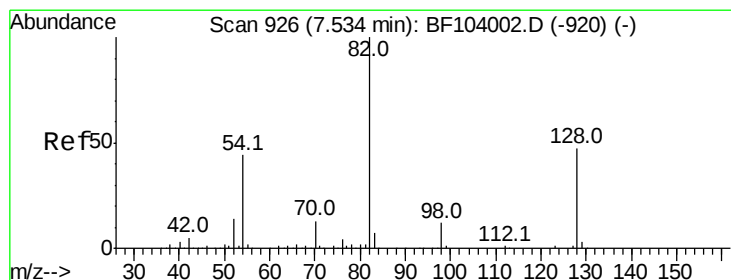
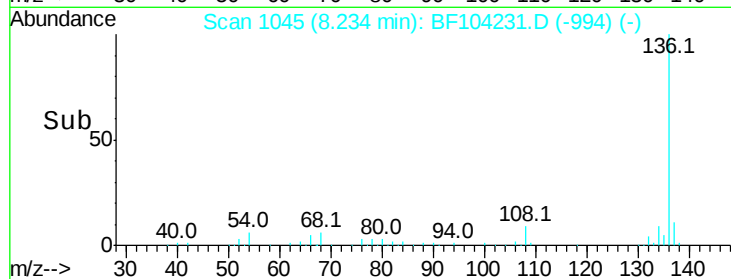
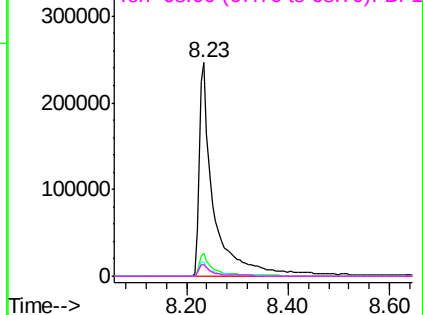
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	494687
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

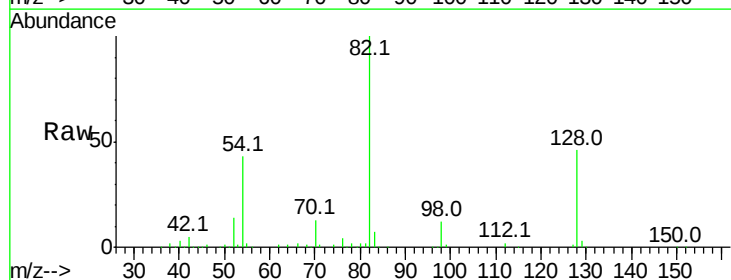


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

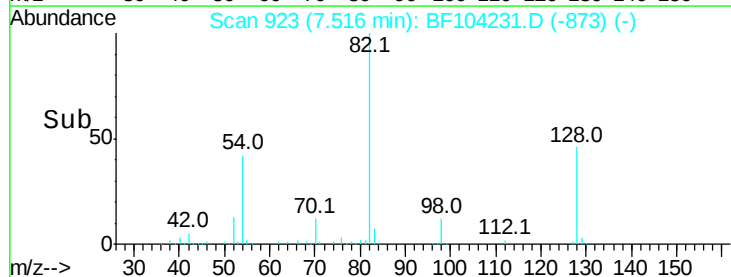
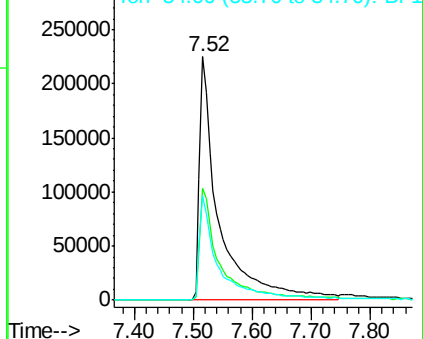


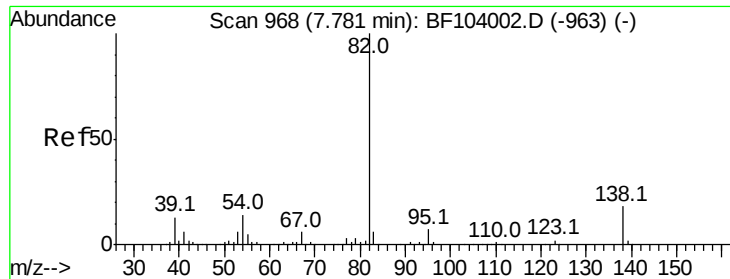
#23
Nitrobenzene-d5
Concen: 63.682 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Tgt Ion:	82	Resp:	515125
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	42.6	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: 34.555 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.25 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

Instrument :

BNA_F

ClientSampleId :

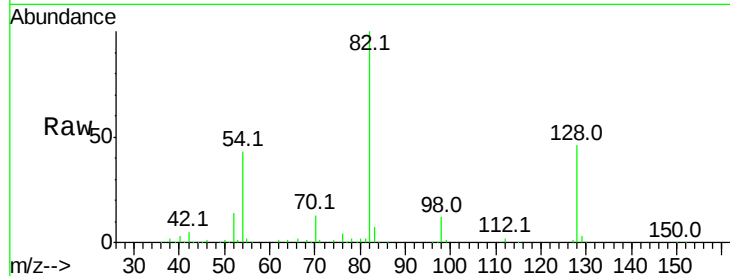
Tot Ion: 82 Resp: 515125

Ion Ratio Lower Upper

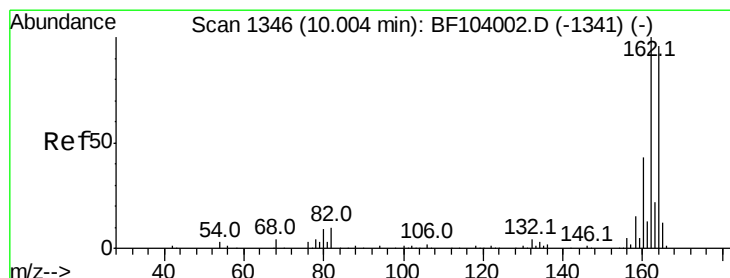
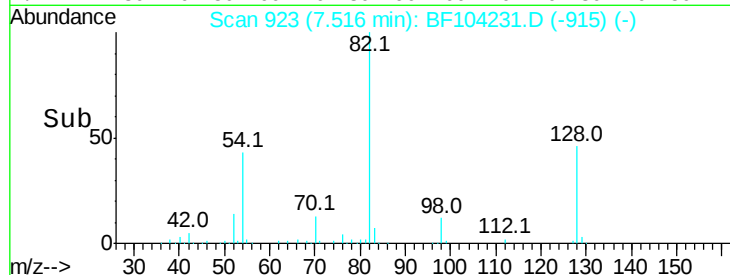
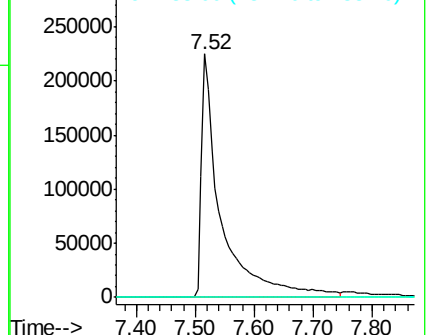
82 100

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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF104231.D

Acq: 4 Apr 2018 17:55

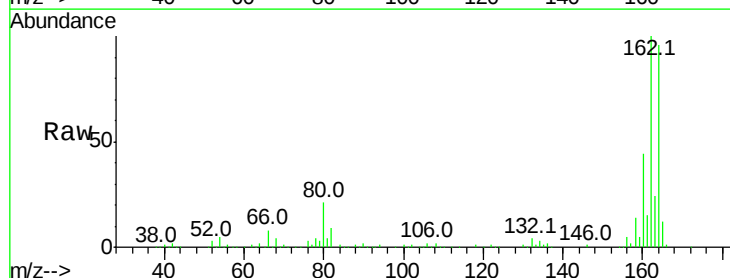
Tgt Ion:164 Resp: 237743

Ion Ratio Lower Upper

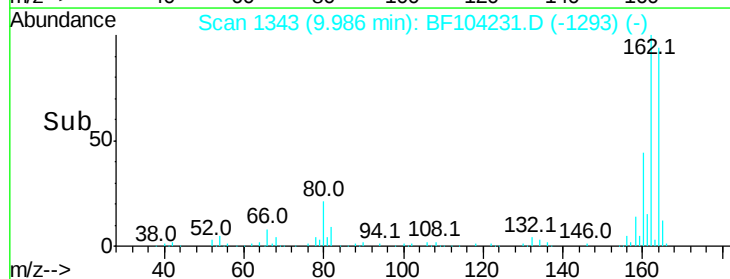
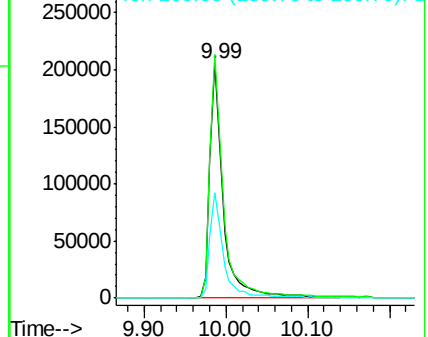
164 100

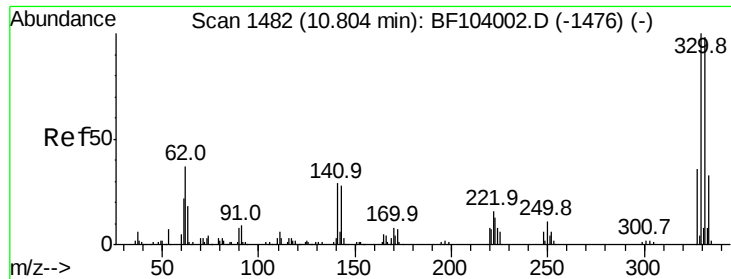
162 103.9 86.1 129.1

160 45.2 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

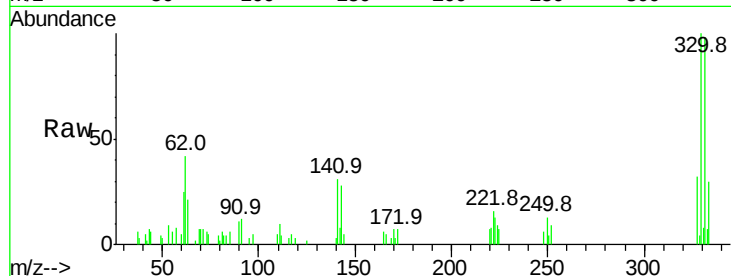




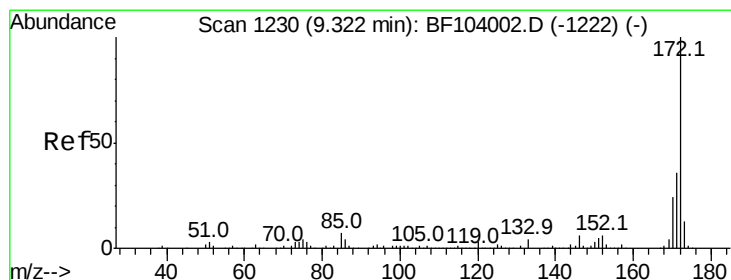
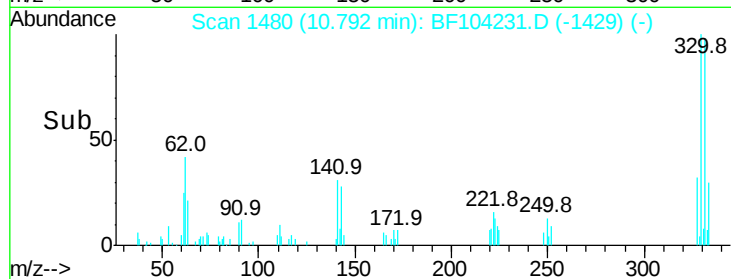
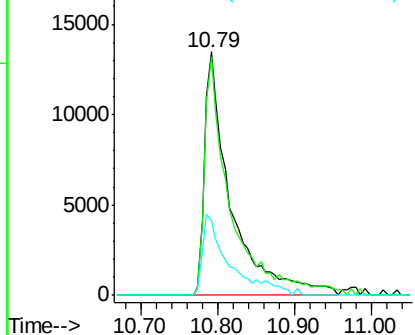
#41
 2,4,6-Tribromophenol
 Concen: 12.092 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 32011
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 28.6 29.9 44.9#

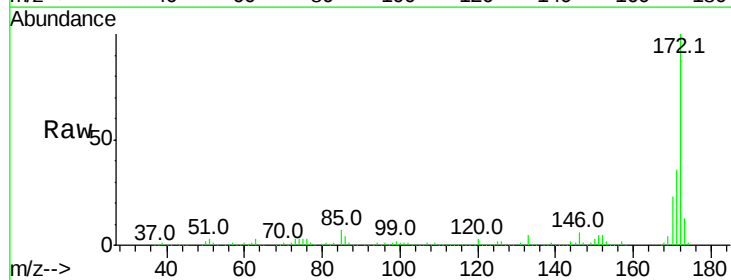


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

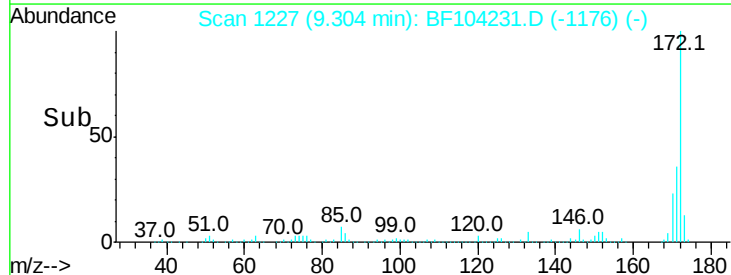
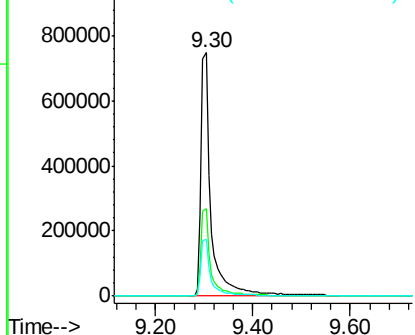


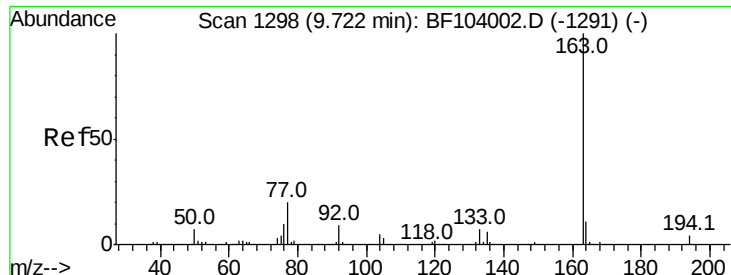
#44
 2-Fluorobiphenyl
 Concen: 72.047 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Tgt Ion:172 Resp: 1086210
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.2 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

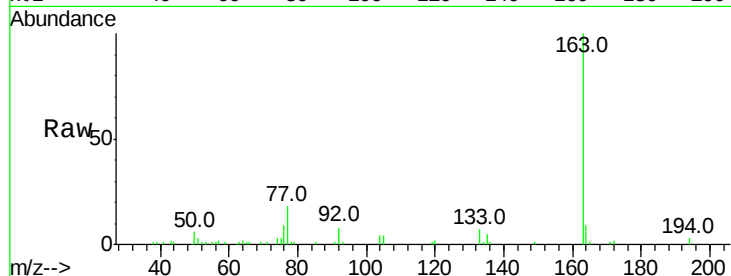




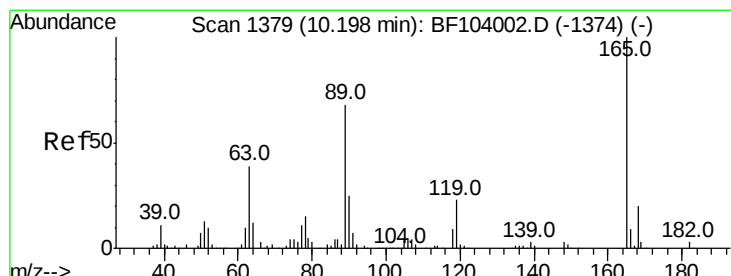
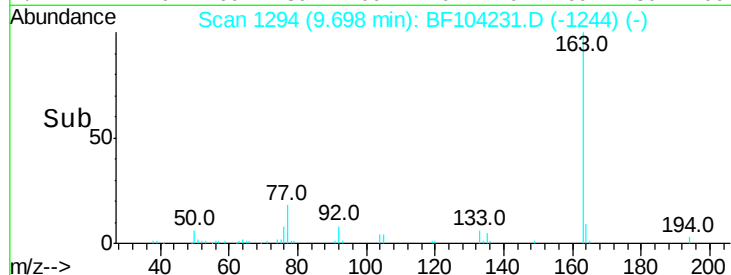
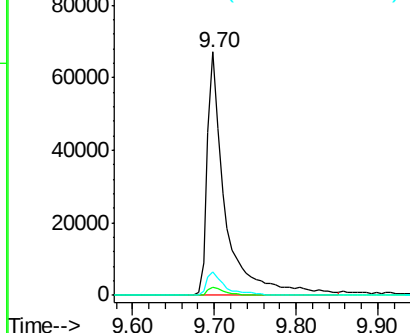
#49
 Dimethylphthalate
 Concen: 5.520 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 103610
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.5 8.2 12.2

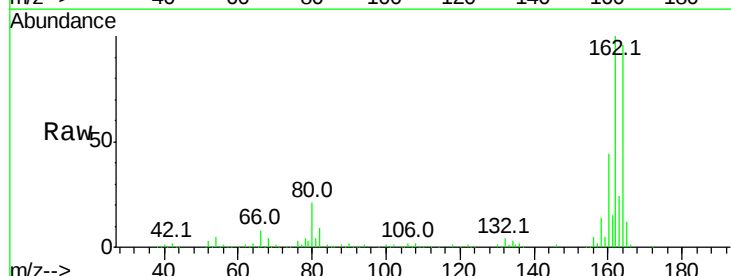


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

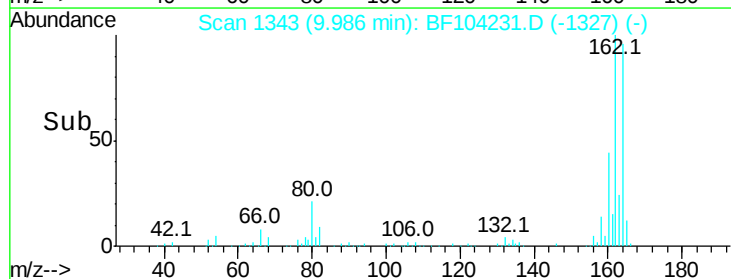
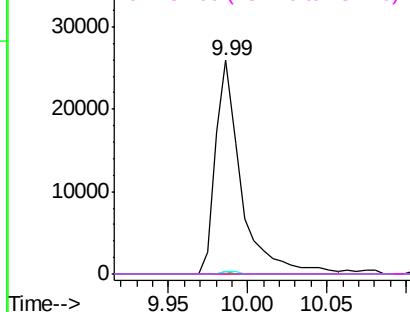


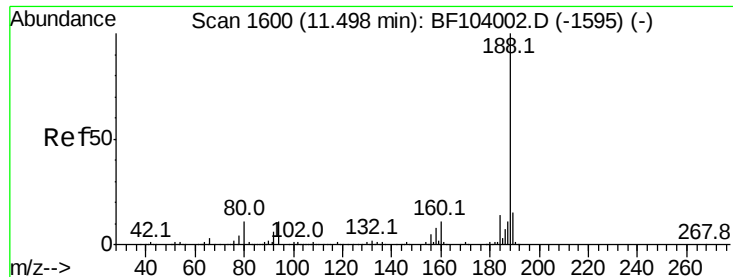
#56
 2,4-Dinitrotoluene
 Concen: 5.680 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Tgt Ion:165 Resp: 29270
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.3 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

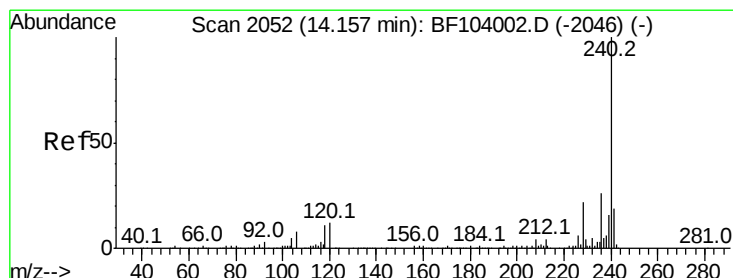
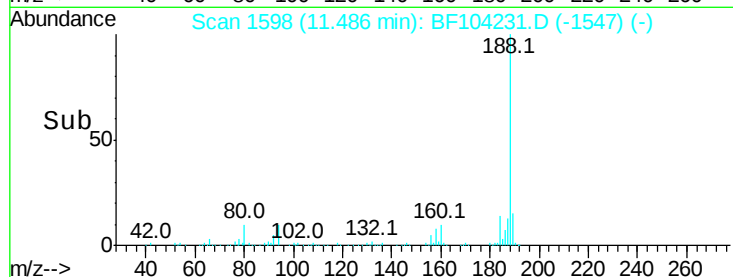
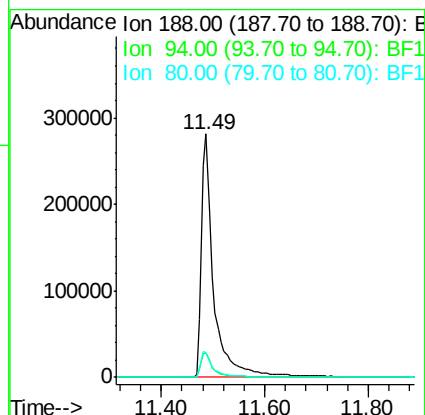
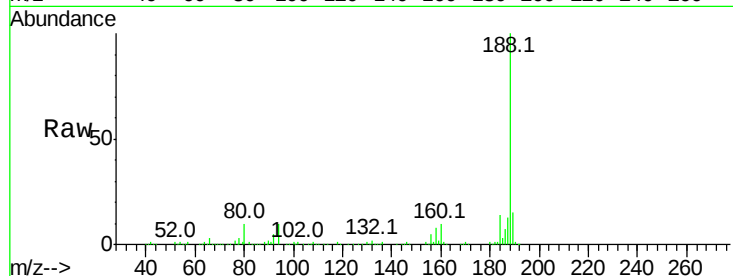




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

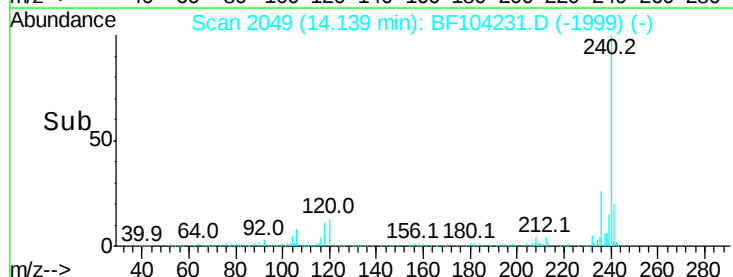
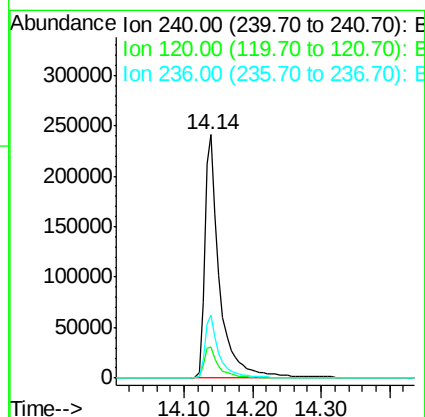
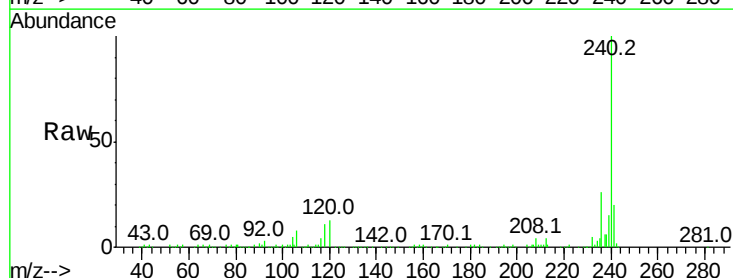
Instrument :
BNA_F
ClientSampleId :

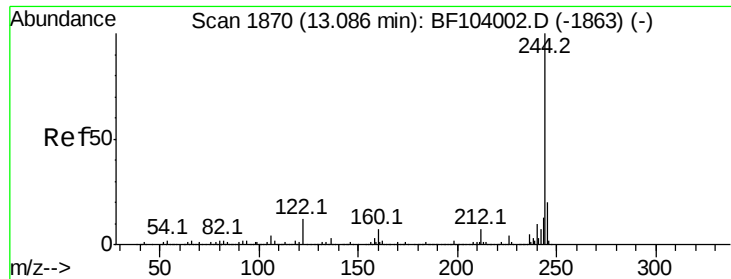
Tot Ion:188 Resp: 461238
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Tgt Ion:240 Resp: 370606
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.8 20.7 31.1

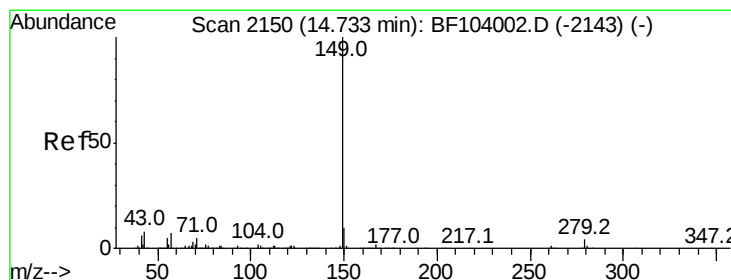
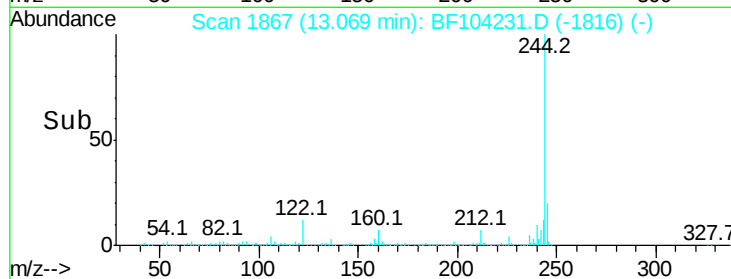
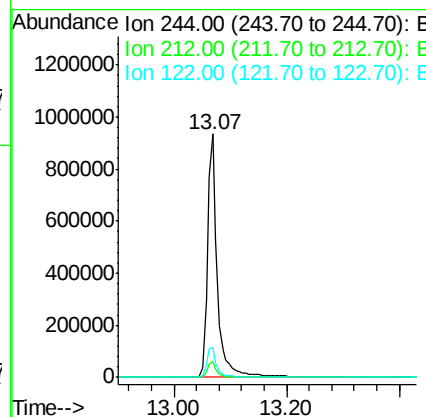
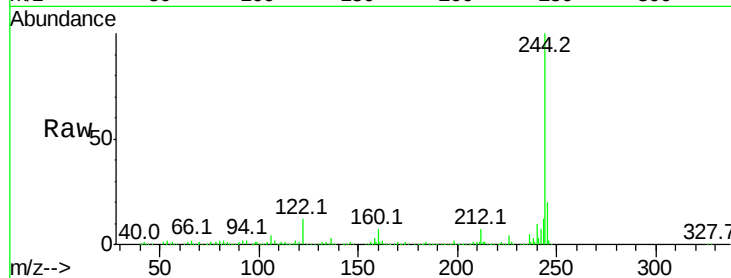




#78
 Terphenyl-d14
 Concen: 71.162 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

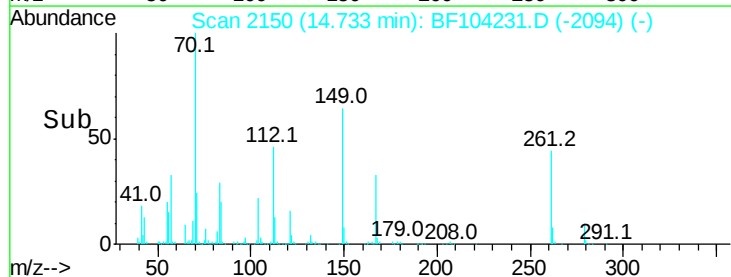
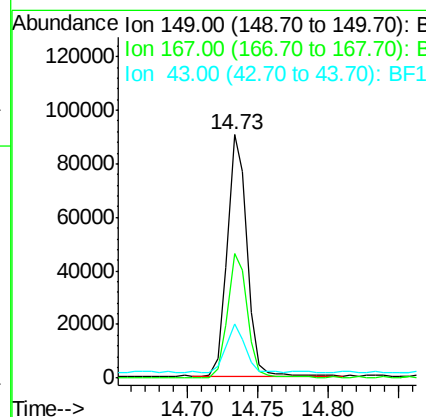
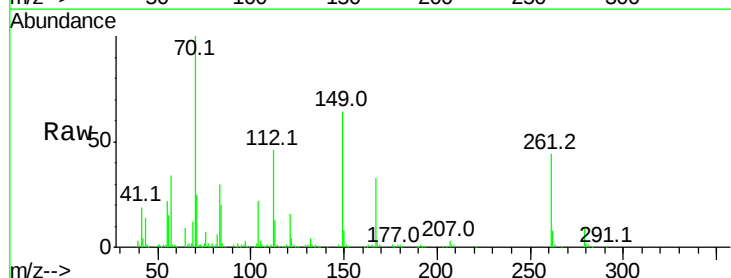
Instrument :
 BNA_F
 ClientSampleId :

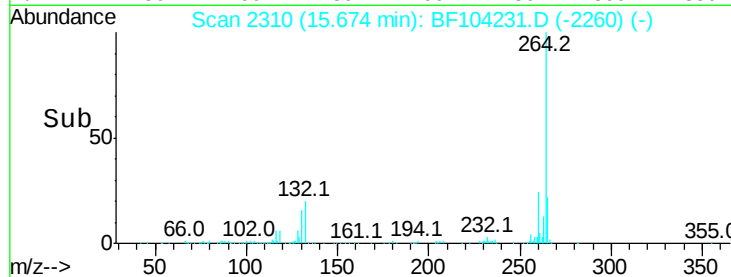
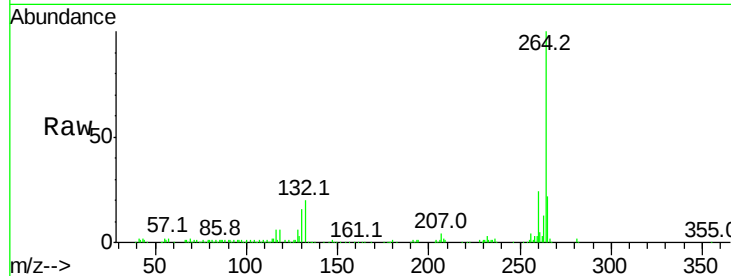
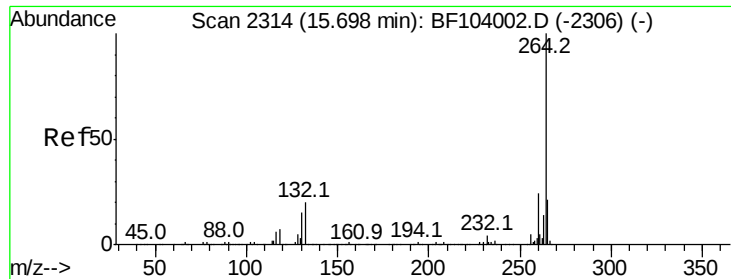
Tot Ion:244 Resp: 1142207
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.1 11.0 16.4



#84
 Di-n-octyl phthalate
 Concen: 3.103 ng
 RT: 14.73 min Scan# 2150
 Delta R.T. 0.03 min
 Lab File: BF104231.D
 Acq: 4 Apr 2018 17:55

Tgt Ion:149 Resp: 86573
 Ion Ratio Lower Upper
 149 100
 167 53.6 1.2 1.8#
 43 19.6 8.4 12.6#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104231.D
Acq: 4 Apr 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

