

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104106.D
 Acq On : 30 Mar 2018 21:20
 Operator : JU/SJ
 Sample : J1752-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:10:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

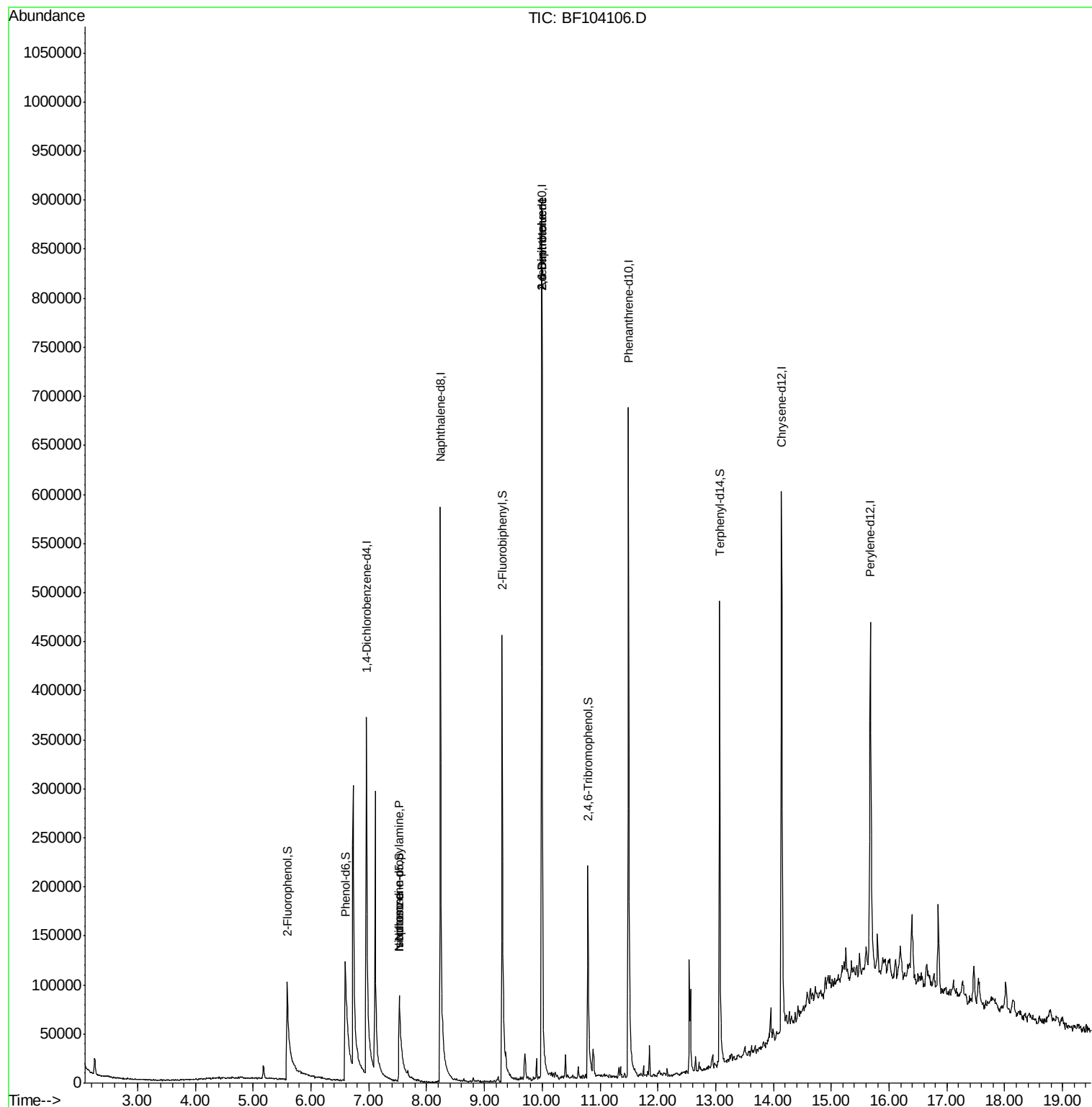
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117084	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	501705	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	221362	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	379707	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245659	20.00	ng	0.00
86) Perylene-d12	15.68	264	231038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	126655	17.25	ng	0.00
7) Phenol-d6	6.59	99	203545	22.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	114401	13.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	48517	19.68	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	249210	17.75	ng	0.00
78) Terphenyl-d14	13.07	244	200622	18.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	12640	2.358	ng	# 77
25) Isophorone	7.52	82	114401	7.567	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	27294	7.259	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	27940	5.823	ng	# 24

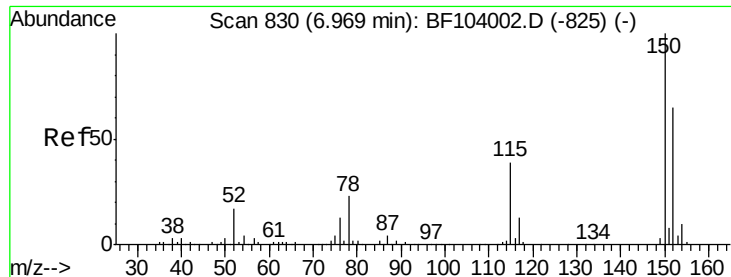
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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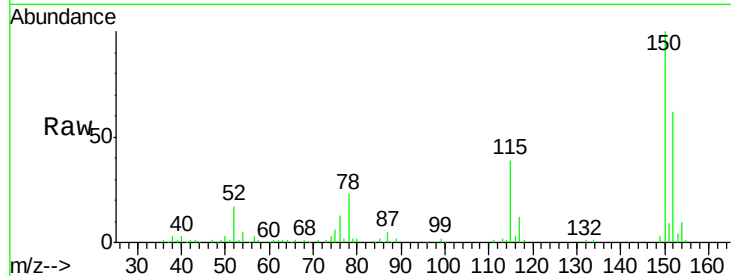


#1

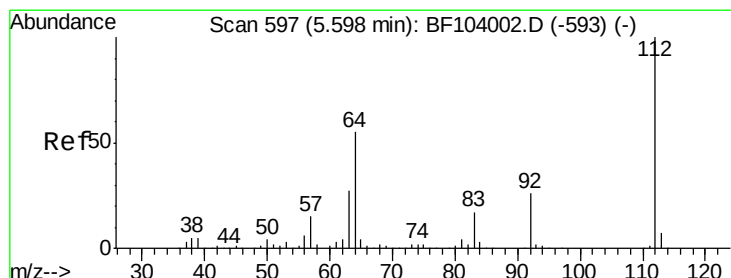
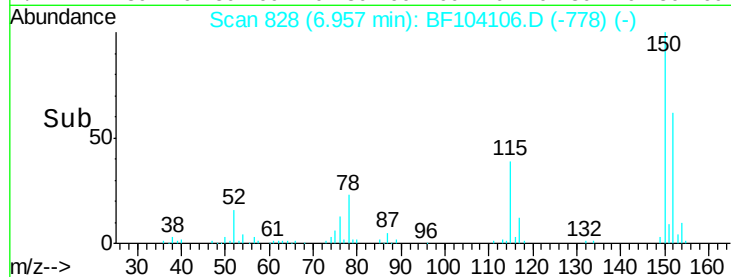
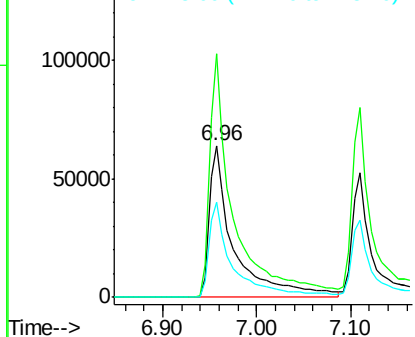
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117084
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 62.6 50.1 75.1



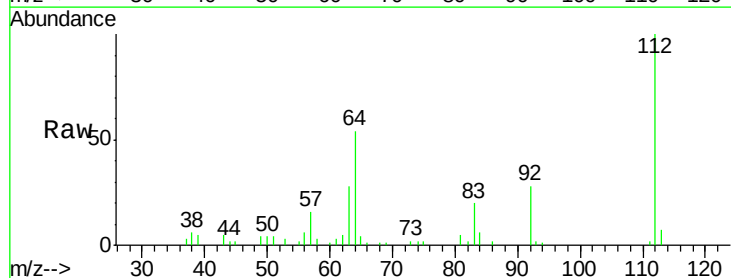
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



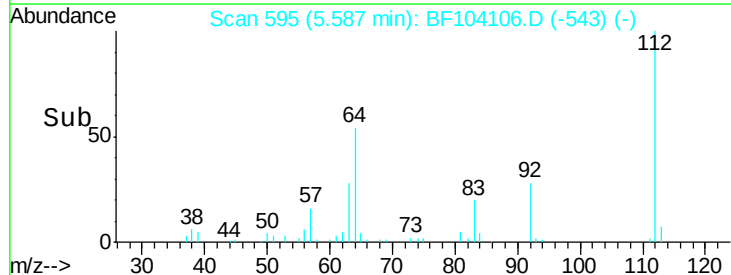
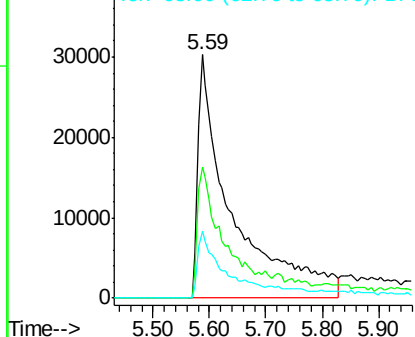
#5

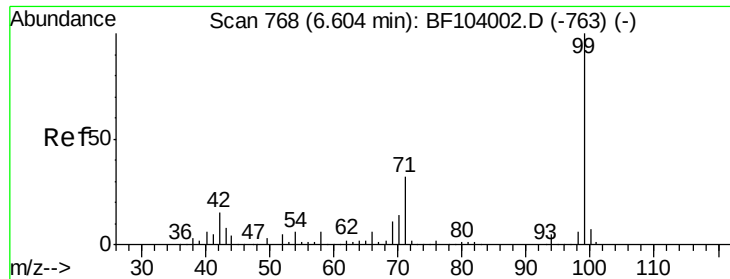
2-Fluorophenol
Concen: 17.251 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Tgt Ion:112 Resp: 126655
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.7 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: 22.534 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

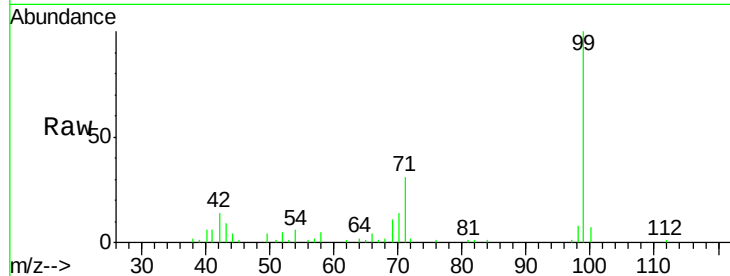
Tot Ion: 99 Resp: 203545

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

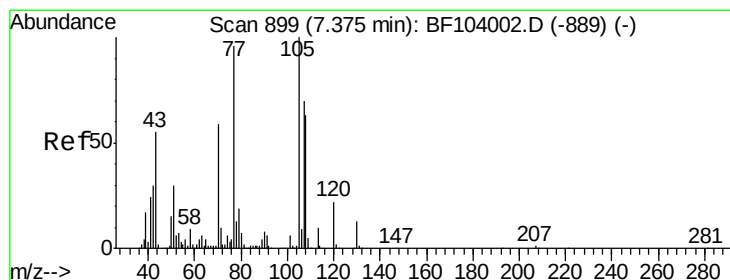
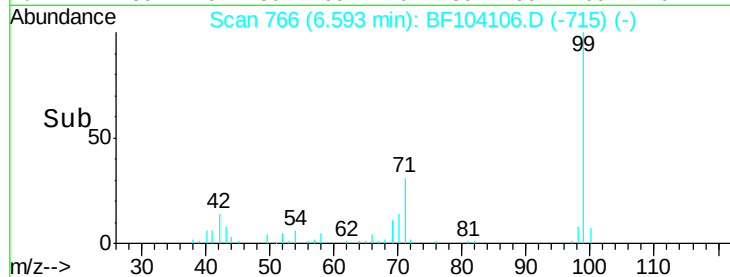
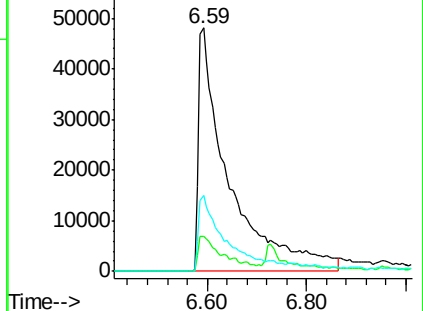
71 31.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.358 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Tgt Ion: 70 Resp: 12640

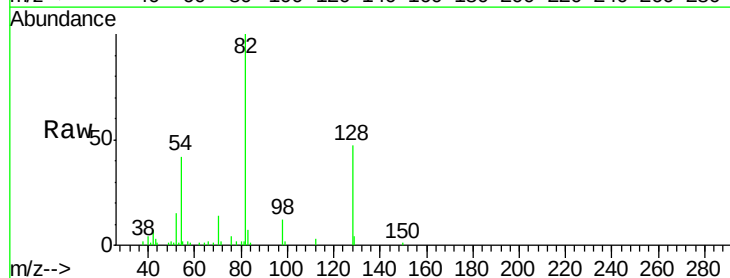
Ion Ratio Lower Upper

70 100

42 47.5 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

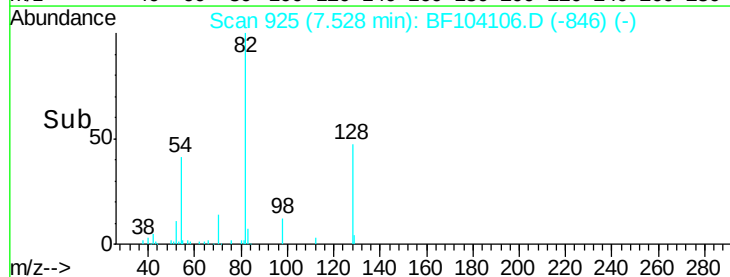
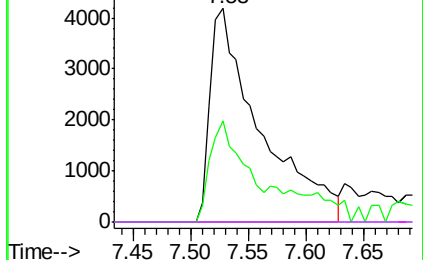


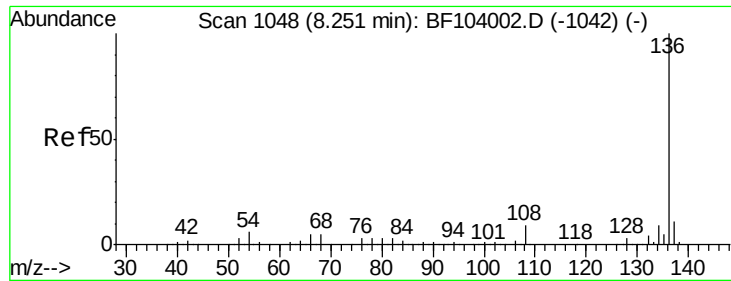
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104106.D

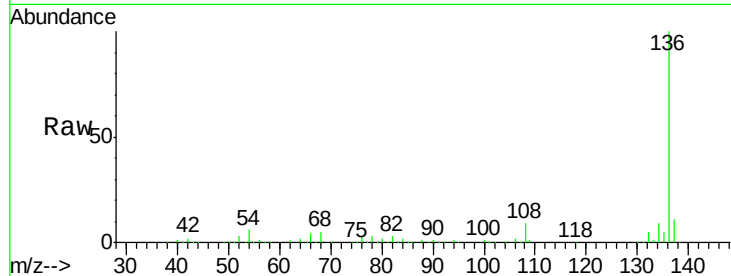
Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	501705
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	5.9	6.6 9.8#
68	5.5	5.0 7.4

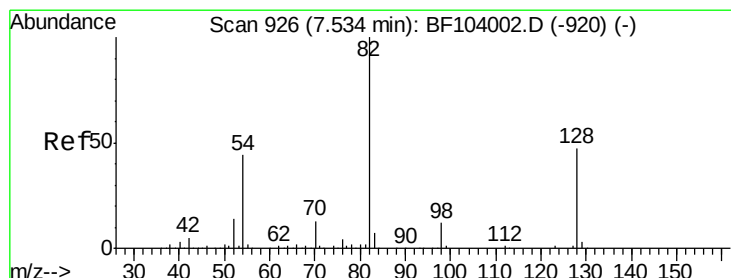
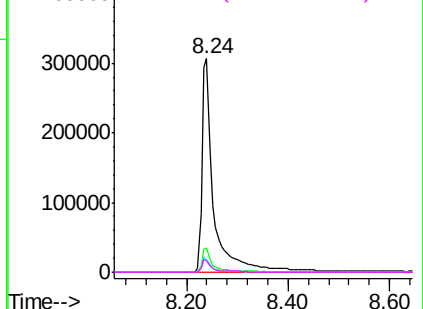
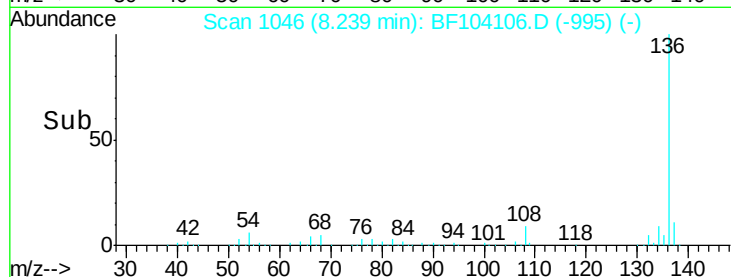


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.945 ng

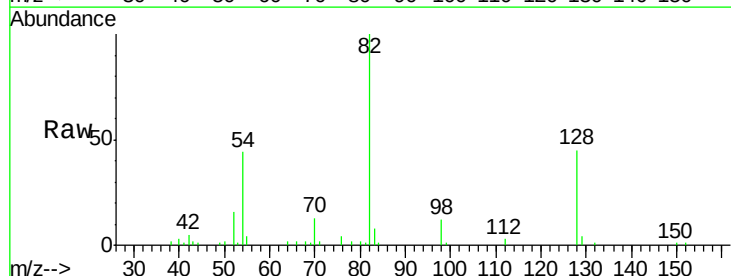
RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

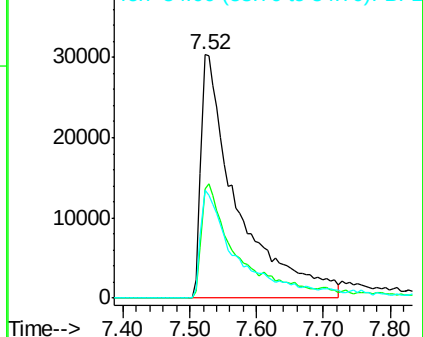
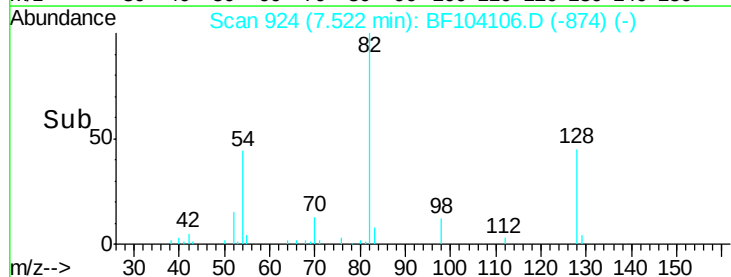
Tgt Ion: 82	Resp:	114401
Ion	Ratio	Lower Upper
82	100	
128	44.8	36.1 54.1
54	44.2	41.4 62.2

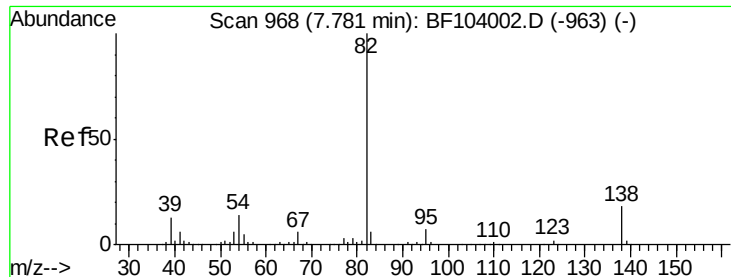


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.567 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

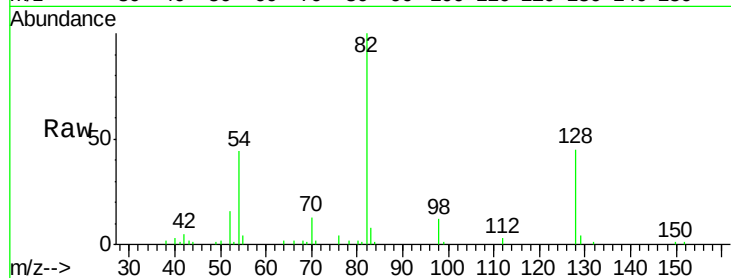
Tot Ion: 82 Resp: 114401

Ion Ratio Lower Upper

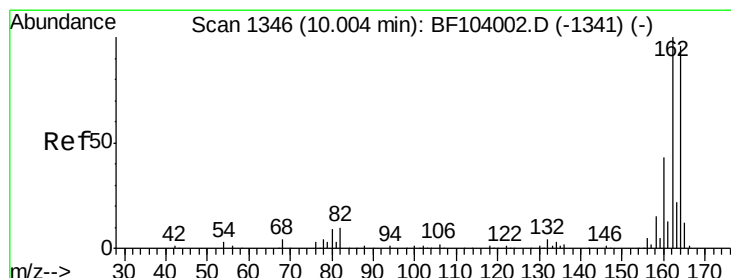
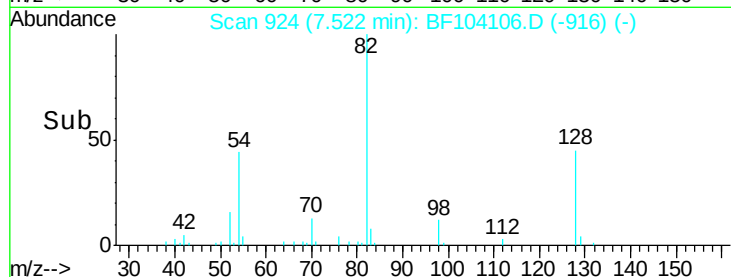
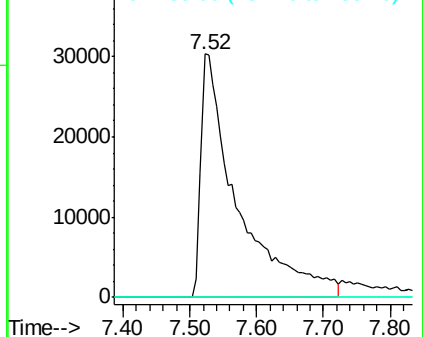
82 100

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# 1344

Delta R.T. -0.01 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

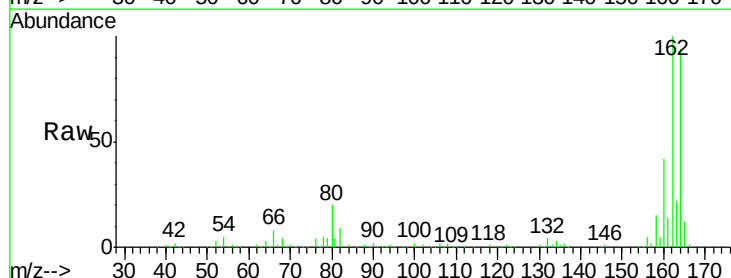
Tgt Ion:164 Resp: 221362

Ion Ratio Lower Upper

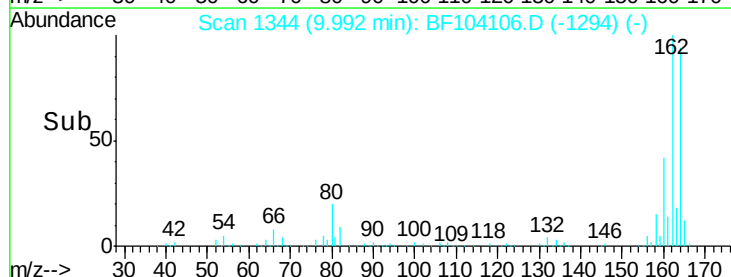
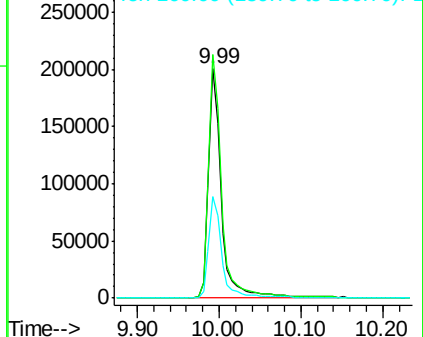
164 100

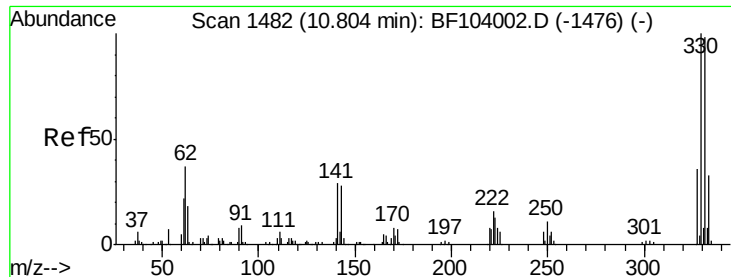
162 106.3 86.1 129.1

160 44.5 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

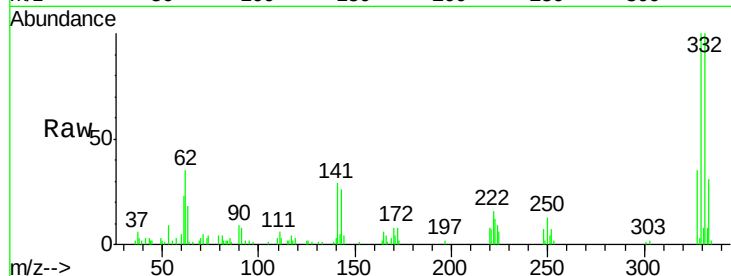




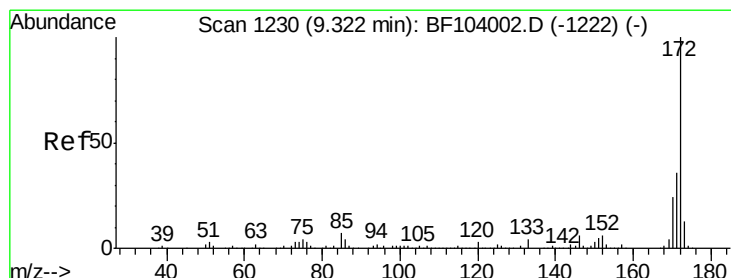
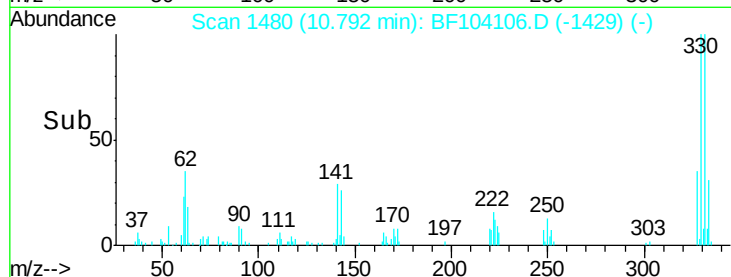
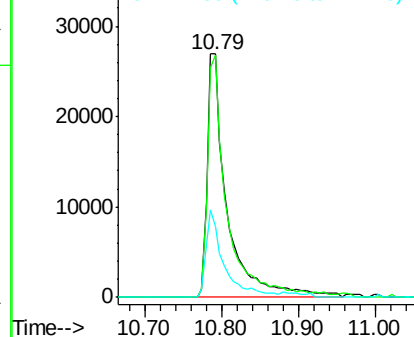
#41
 2,4,6-Tribromophenol
 Concen: 19.683 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.7	29.9	44.9

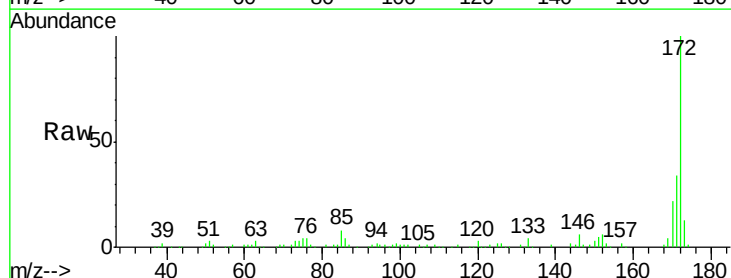


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

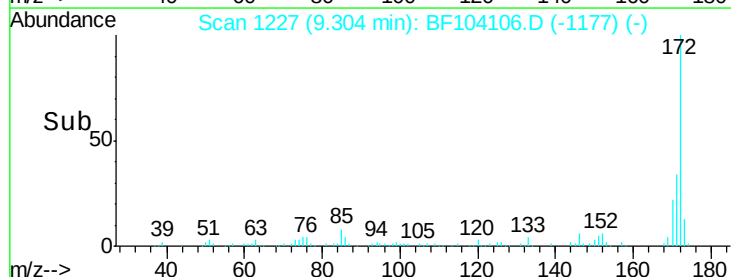
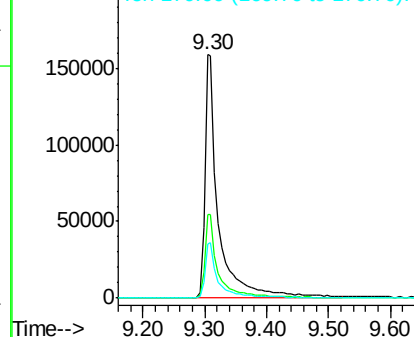


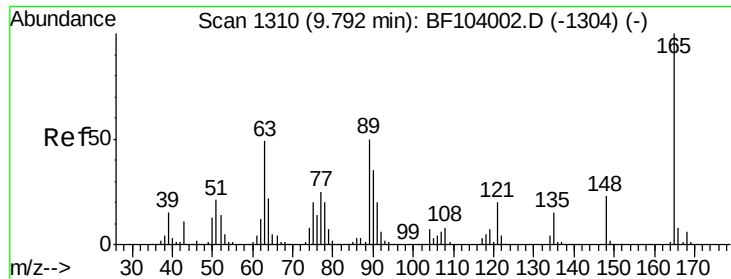
#44
 2-Fluorobiphenyl
 Concen: 17.753 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.4	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

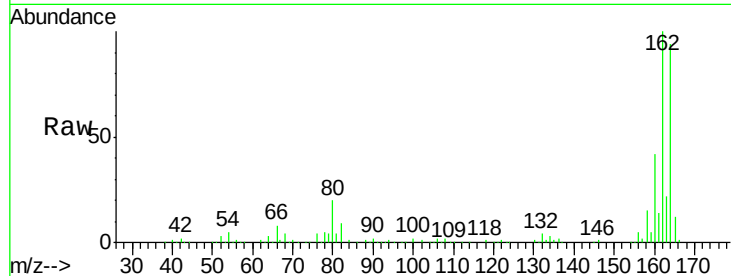




#50
 2,6-Dinitrotoluene
 Concen: 7.259 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

Instrument :
 BNA_F
 ClientSampleId :

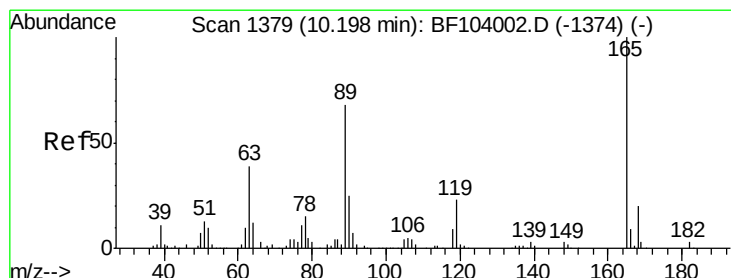
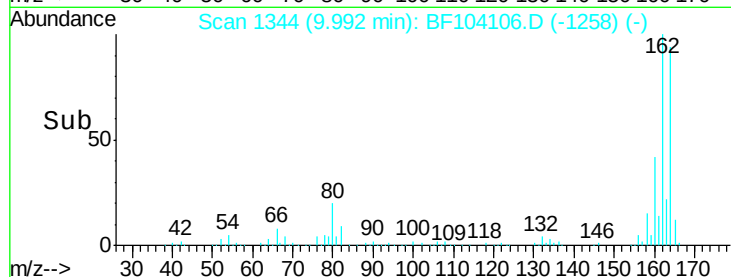
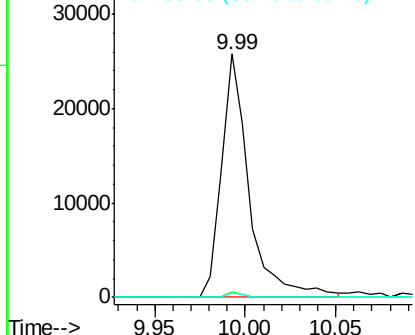
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.9	44.0	66.0#



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: 5.823 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF104106.D
 Acq: 30 Mar 2018 21:20

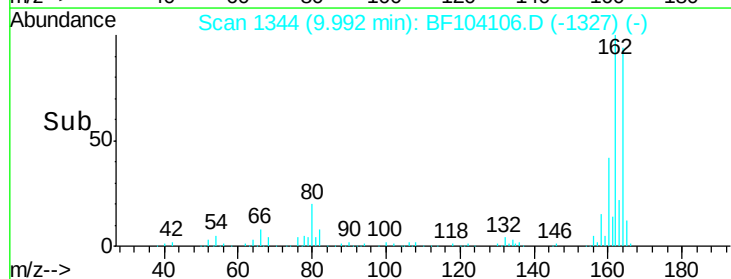
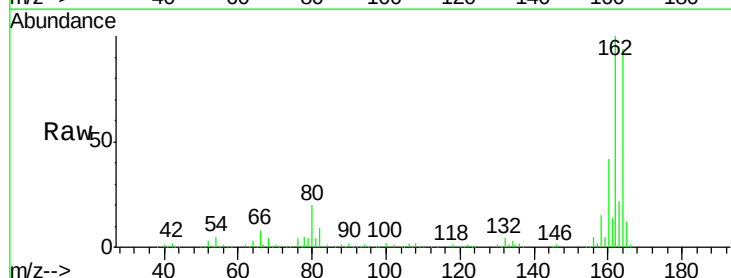
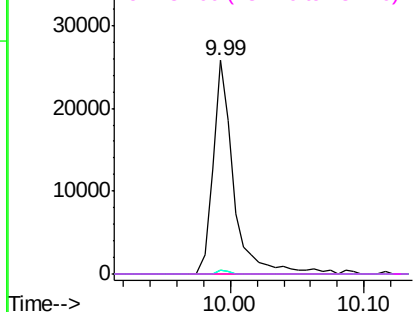
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

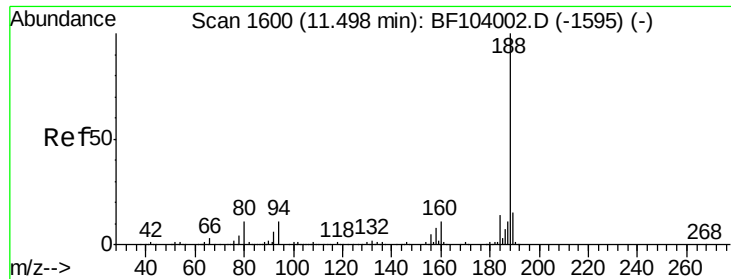
Abundance Ion 165.00 (164.70 to 165.70): E

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

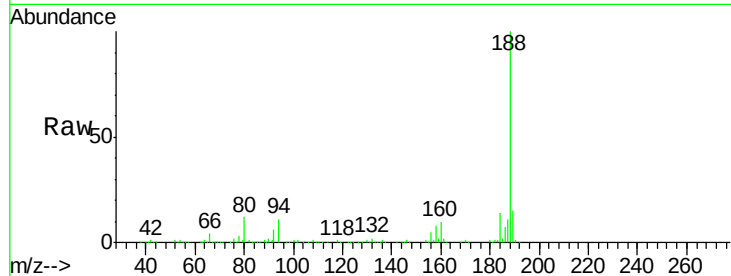




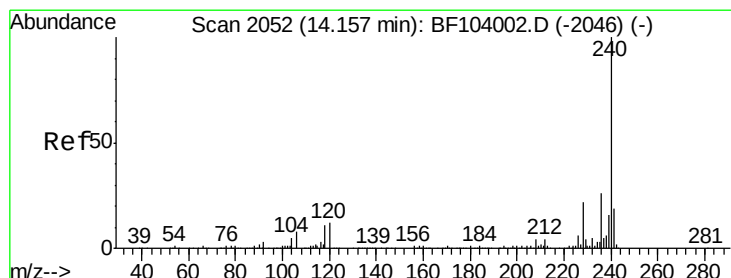
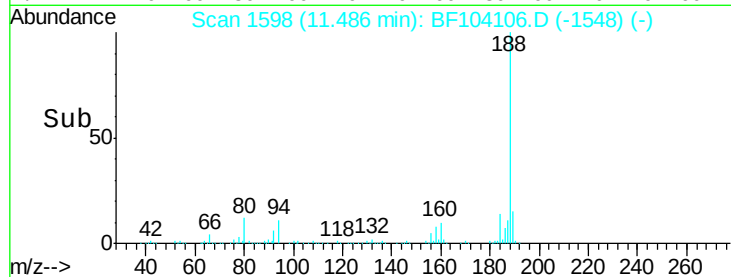
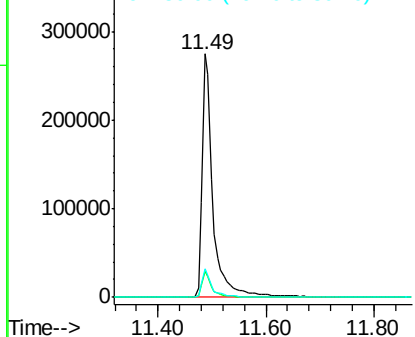
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 379707
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8

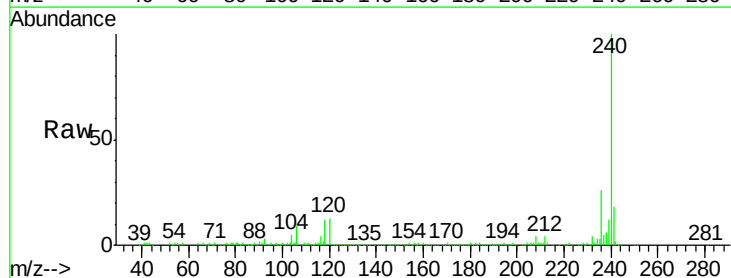


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

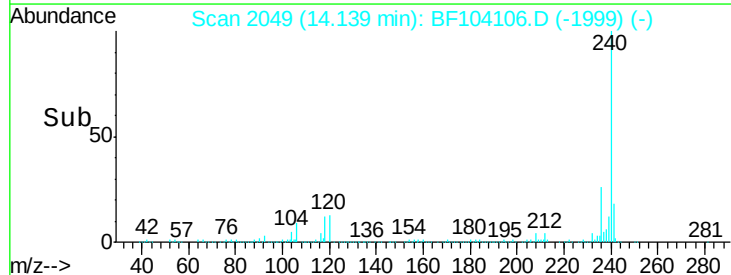
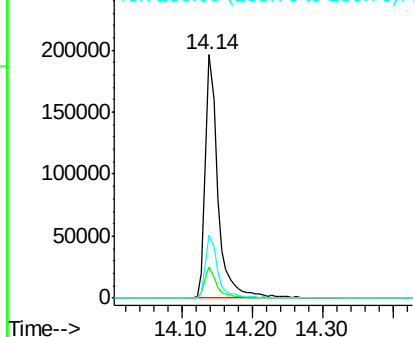


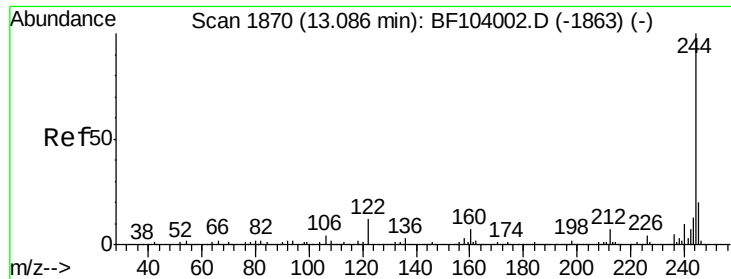
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104106.D
Acq: 30 Mar 2018 21:20

Tgt Ion:240 Resp: 245659
Ion Ratio Lower Upper
240 100
120 12.8 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: 18.856 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

Instrument :

BNA_F

ClientSampleId :

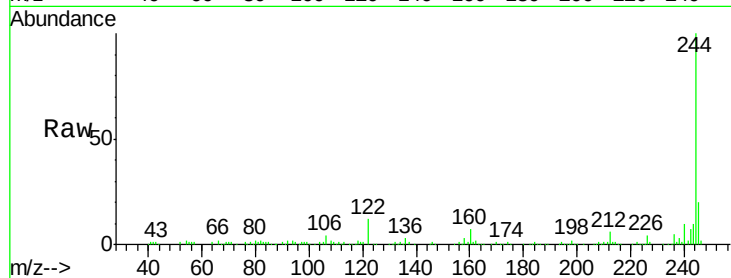
Tot Ion:244 Resp: 200622

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

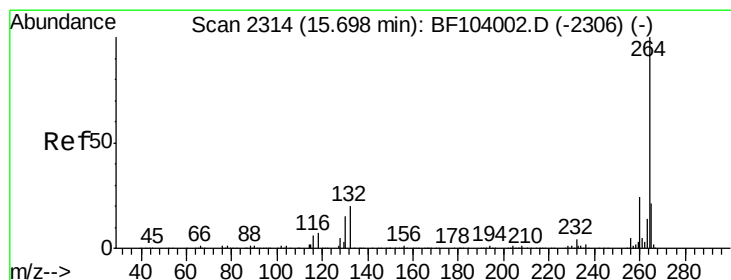
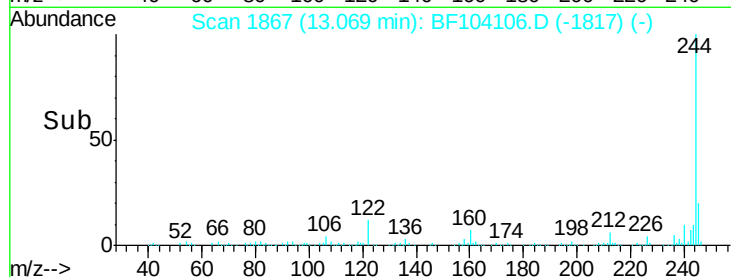
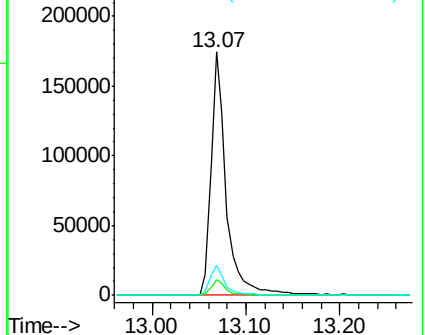
122 12.1 11.0 16.4



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: 15.68 min Scan# 2311

Delta R.T. 0.00 min

Lab File: BF104106.D

Acq: 30 Mar 2018 21:20

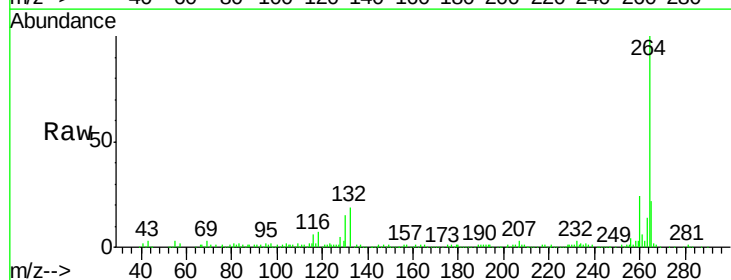
Tgt Ion:264 Resp: 231038

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.6 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

