

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104026.D
 Acq On : 28 Mar 2018 22:28
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 01:54:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

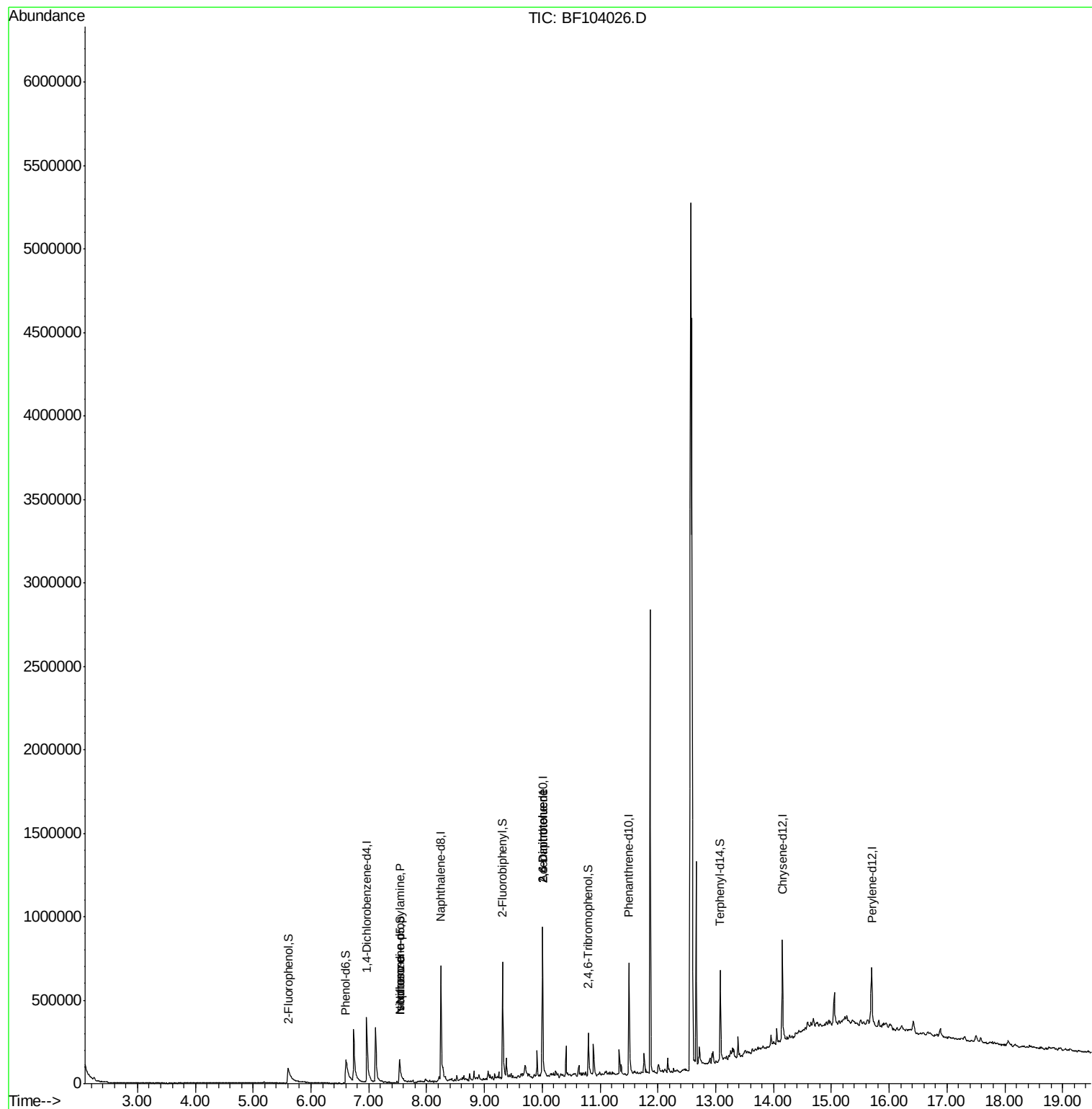
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115983	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	484097	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	204291	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	301149	20.00	ng	0.00
75) Chrysene-d12	14.15	240	235616	20.00	ng	0.00
86) Perylene-d12	15.70	264	193513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	134954	18.56	ng	0.00
7) Phenol-d6	6.60	99	199380	22.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	122082	15.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	43084	18.94	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	274260	21.17	ng	0.00
78) Terphenyl-d14	13.08	244	191359	18.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	15374	2.895	ng	# 72
25) Isophorone	7.53	82	122082	8.369	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	27023	7.787	ng	# 27
56) 2,4-Dinitrotoluene	10.00	165	27023	6.103	ng	# 24

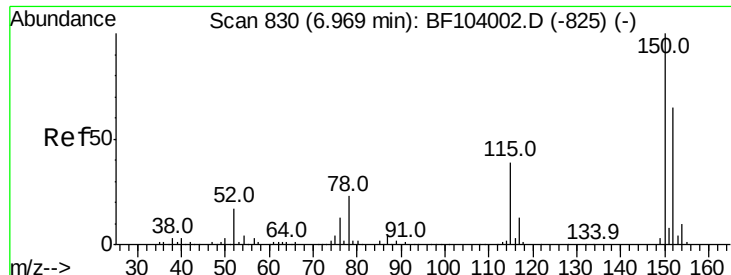
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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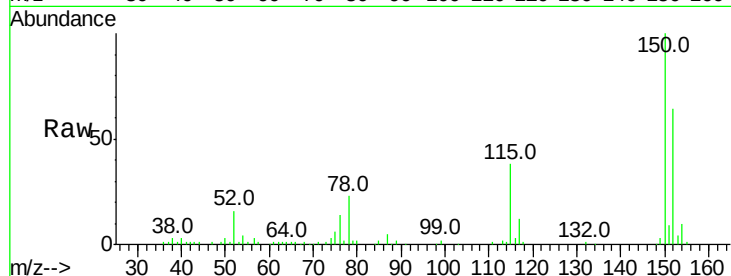


#1

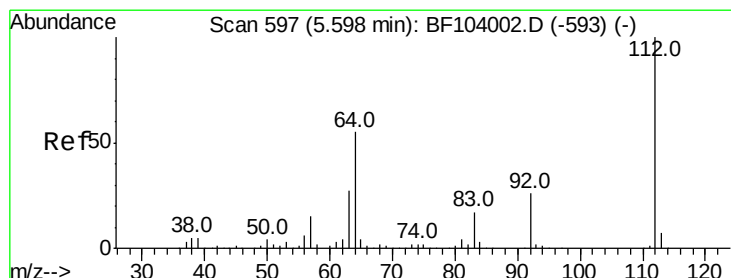
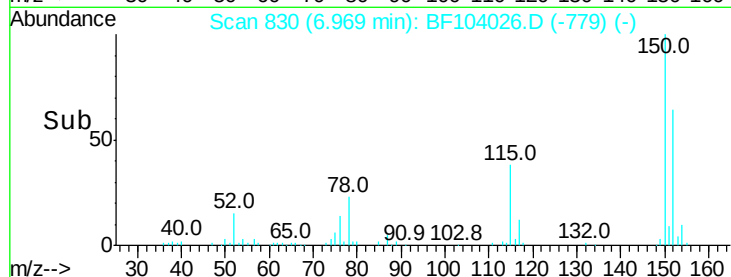
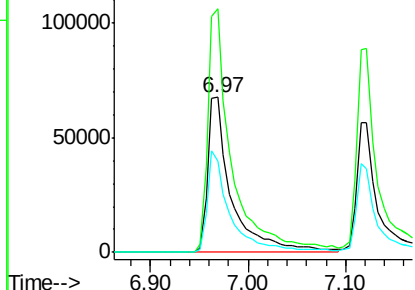
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.9	50.1	75.1



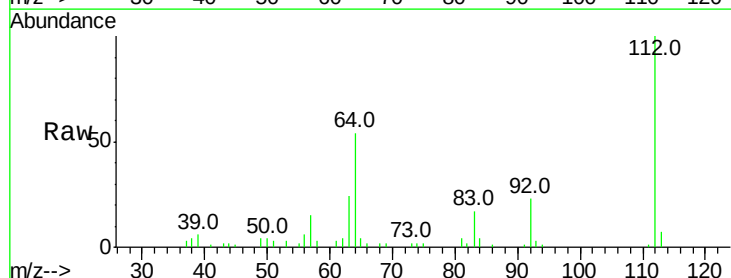
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



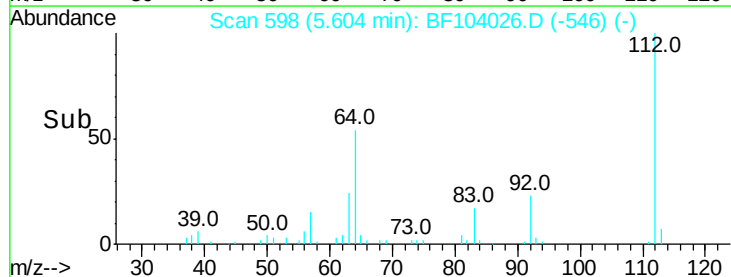
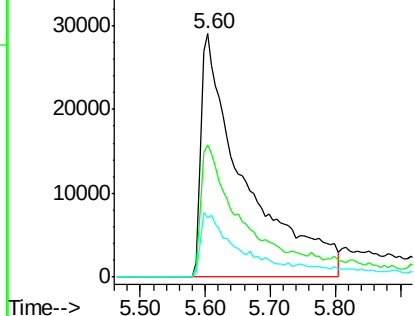
#5

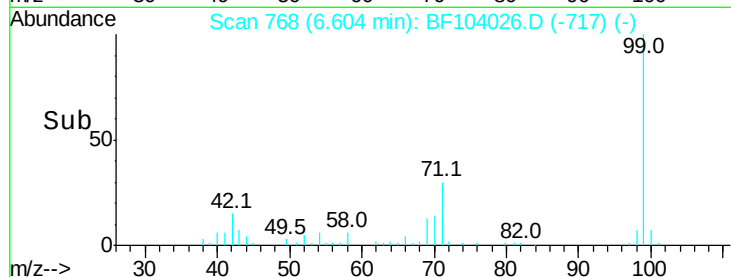
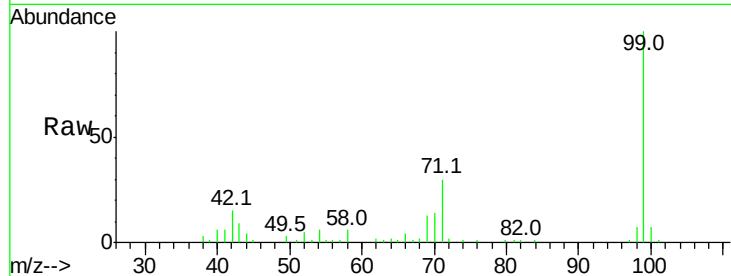
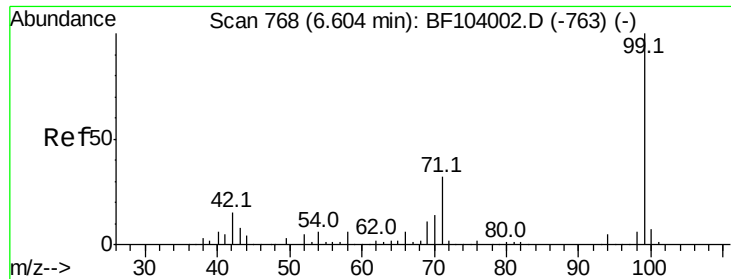
2-Fluorophenol
Concen: 18.556 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	24.2	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: 22.283 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Instrument :

BNA_F

ClientSampleId :

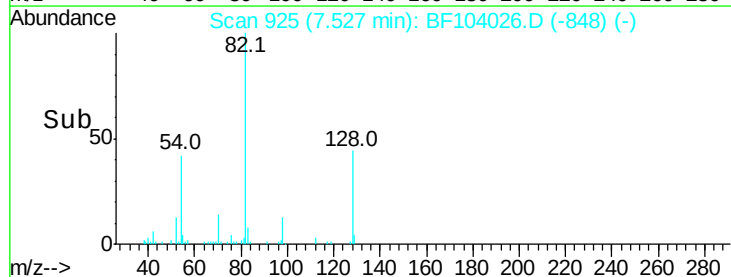
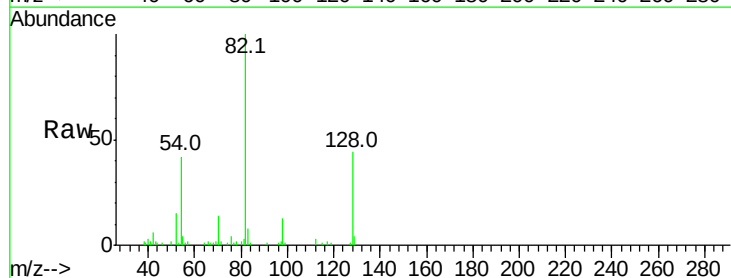
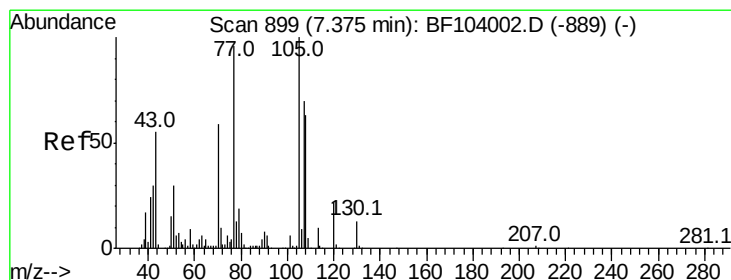
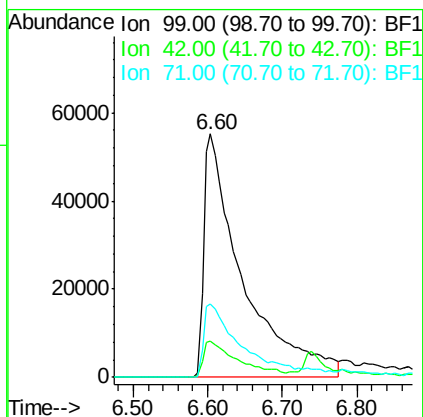
Tot Ion: 99 Resp: 199380

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 30.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.895 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Tgt Ion: 70 Resp: 15374

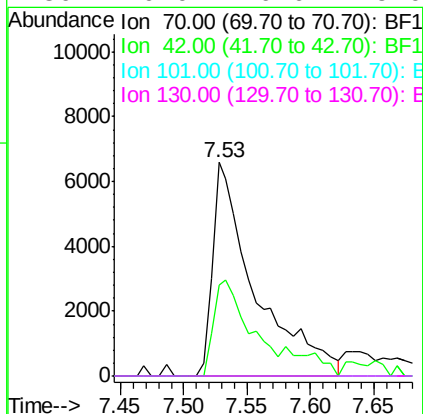
Ion Ratio Lower Upper

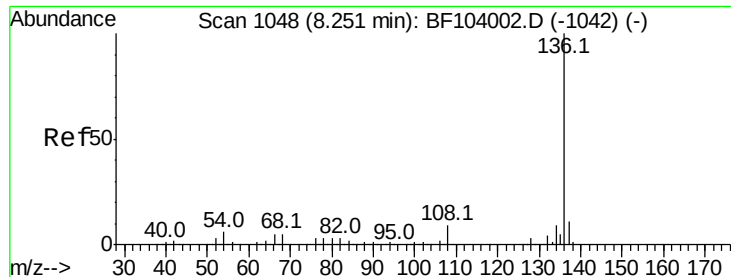
70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

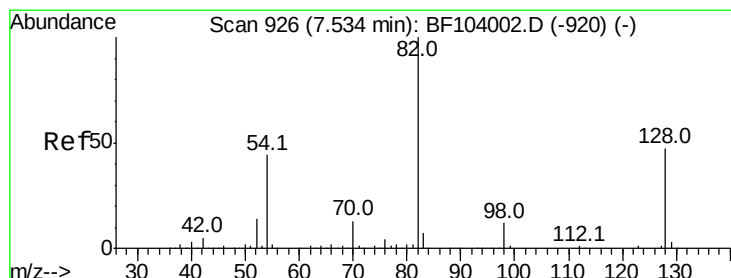
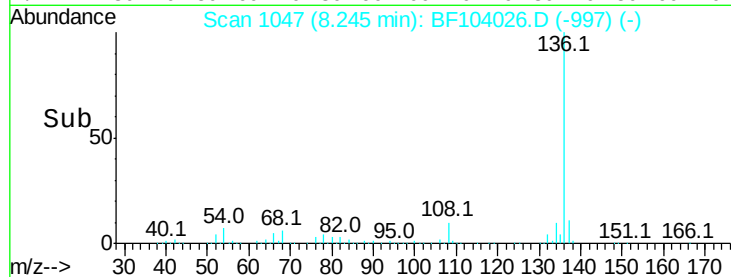
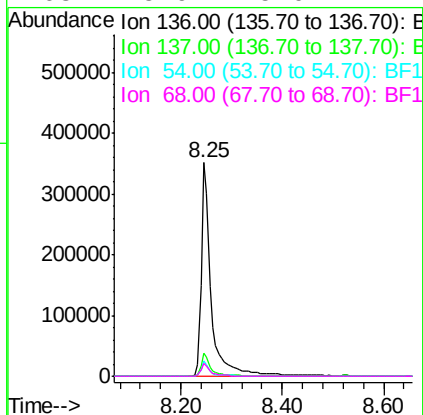
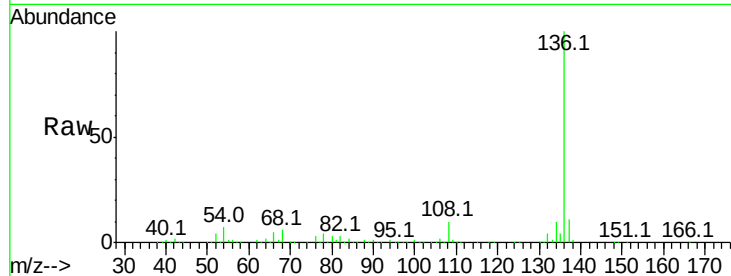




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

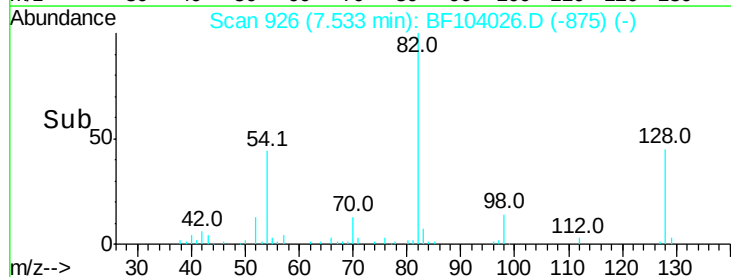
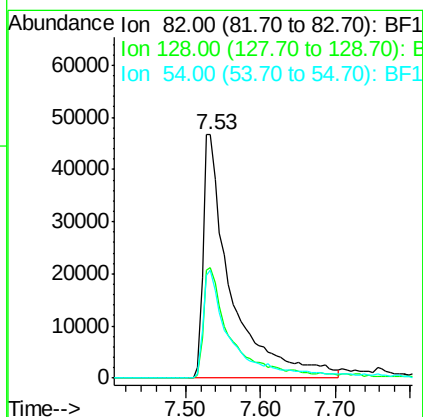
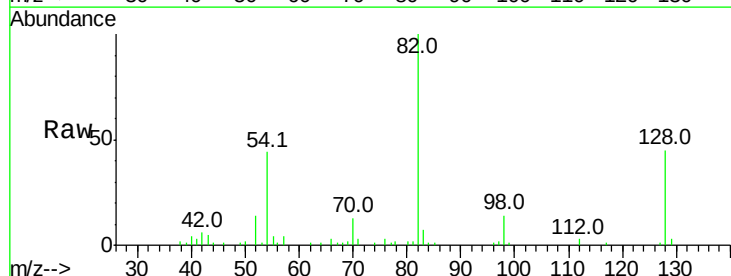
Instrument :
BNA_F
ClientSampleId :

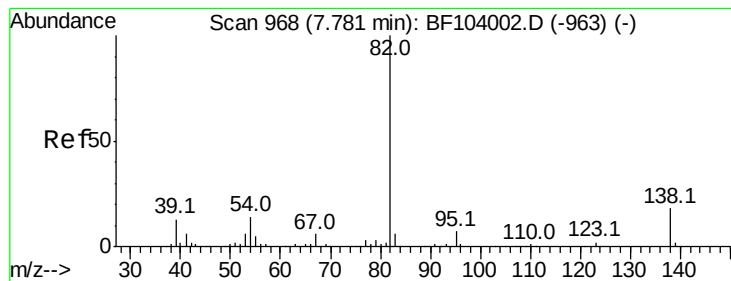
Tot Ion:	136	Resp:	484097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 15.423 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion:	82	Resp:	122082
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	44.3	41.4	62.2





#25

Isophorone

Concen: 8.369 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Instrument :

BNA_F

ClientSampleId :

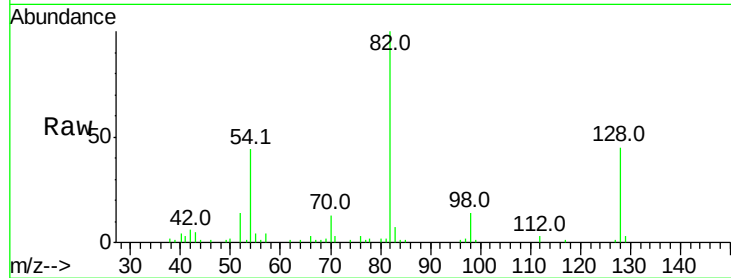
Tot Ion: 82 Resp: 122082

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

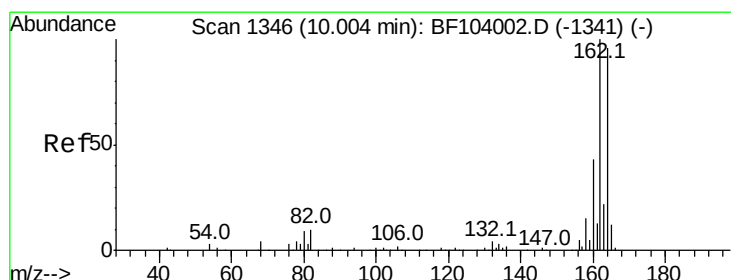
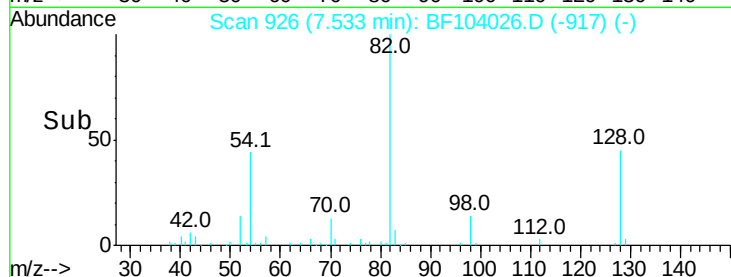
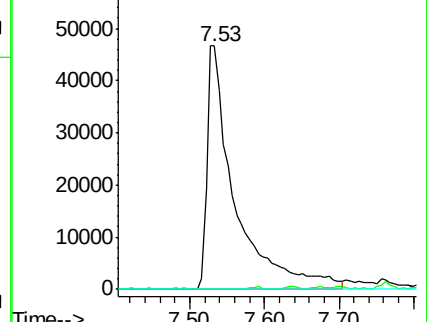
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

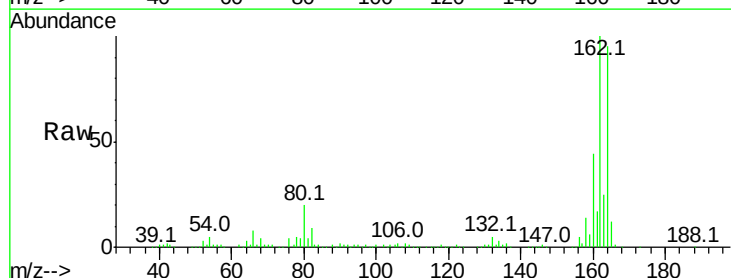
Tgt Ion:164 Resp: 204291

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

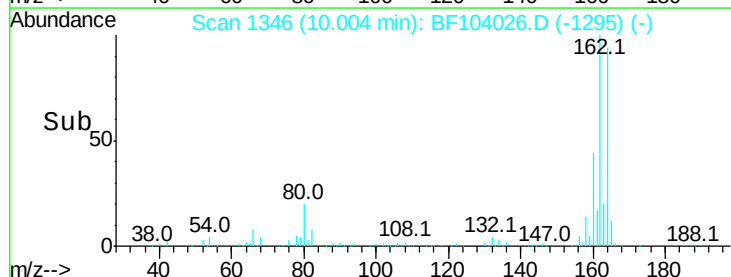
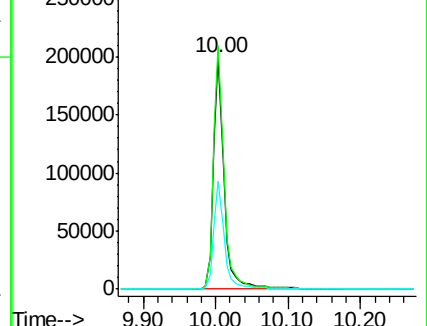
160 46.9 38.3 57.5

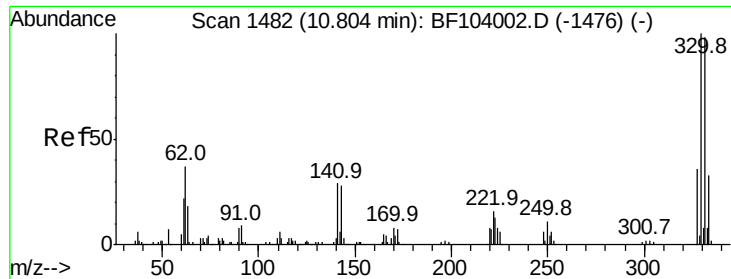


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

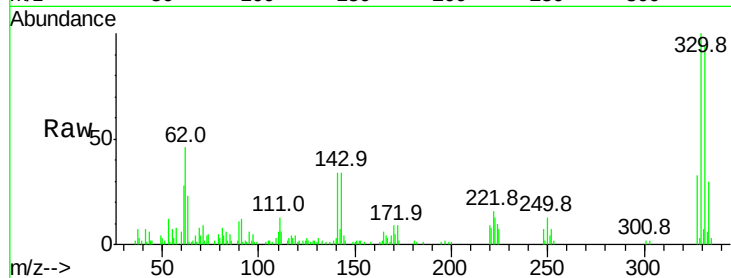




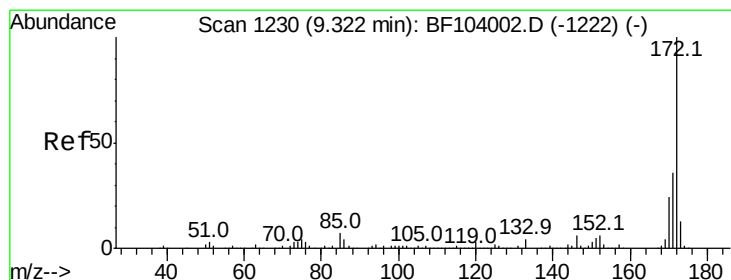
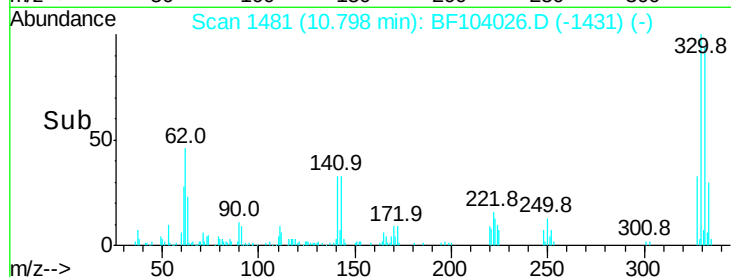
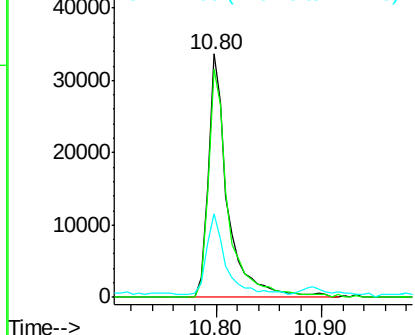
#41
 2,4,6-Tribromophenol
 Concen: 18.940 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 43084
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.4 29.9 44.9

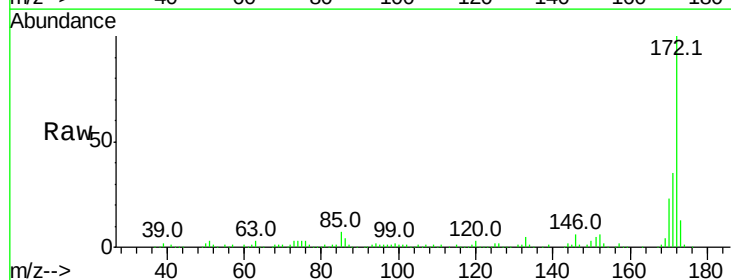


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

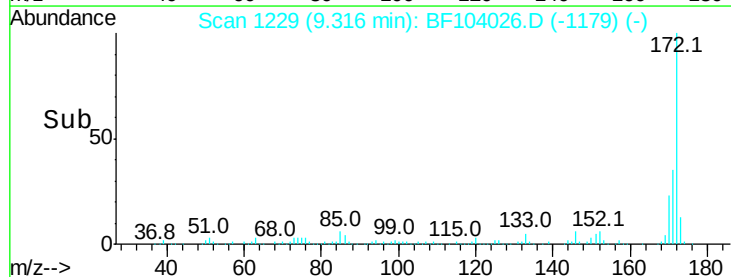
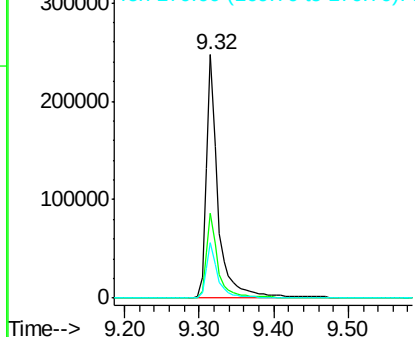


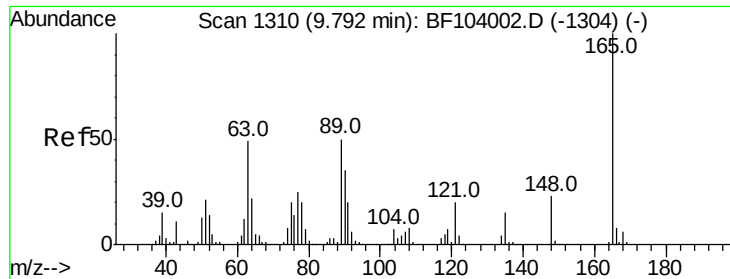
#44
 2-Fluorobiphenyl
 Concen: 21.170 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Tgt Ion:172 Resp: 274260
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.7 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

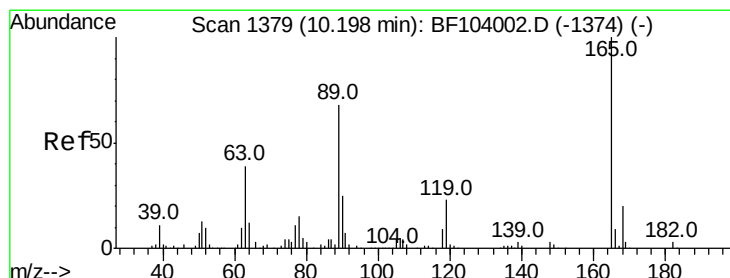
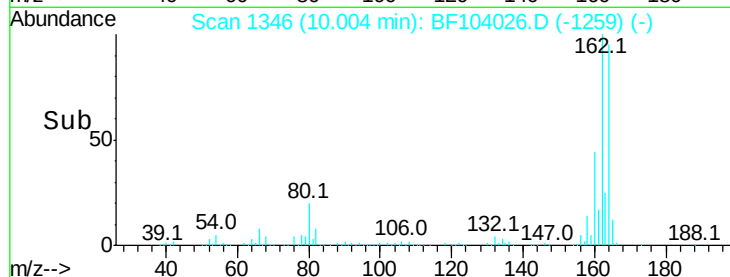
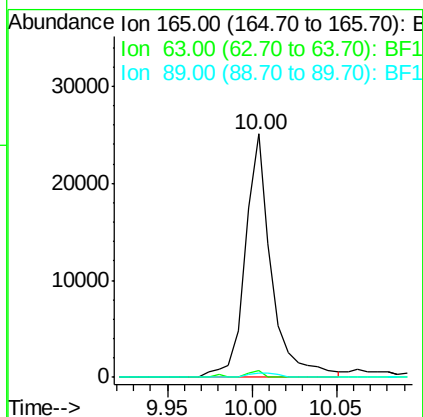
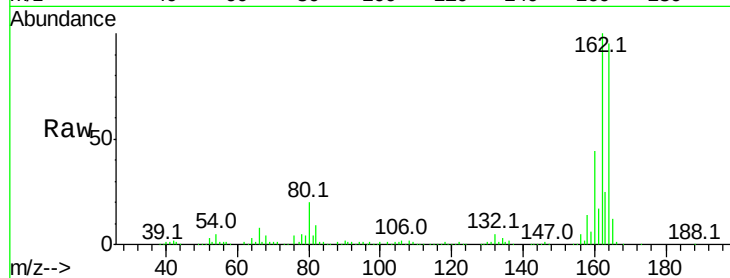




#50
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

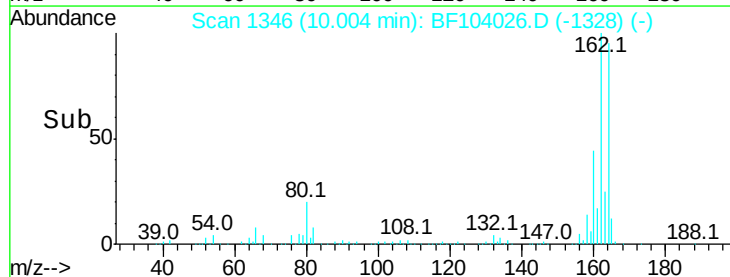
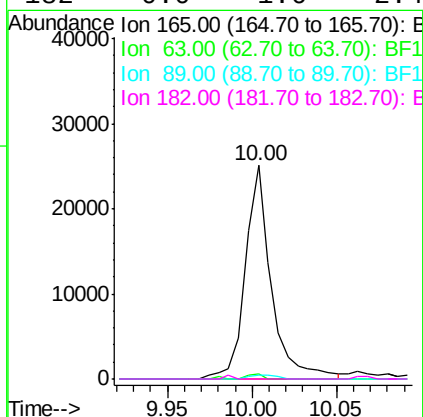
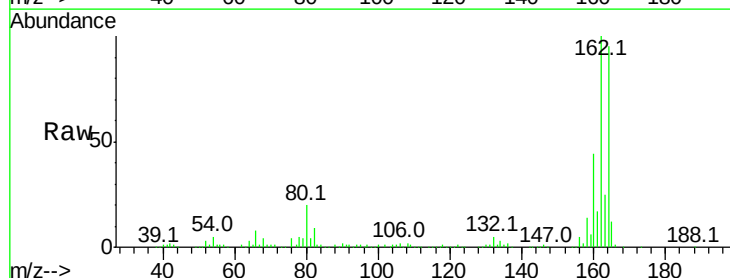
Instrument :
BNA_F
ClientSampleId :

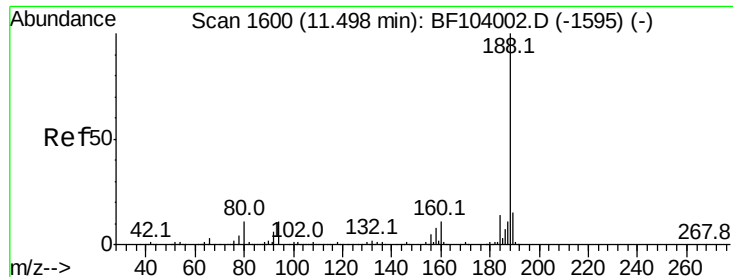
Tot Ion:165 Resp: 27023
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 1.8 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.103 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion:165 Resp: 27023
Ion Ratio Lower Upper
165 100
63 2.6 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#

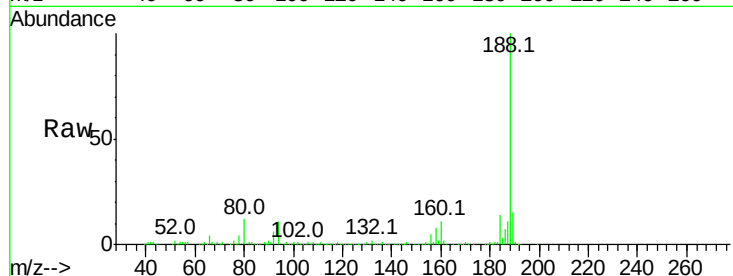




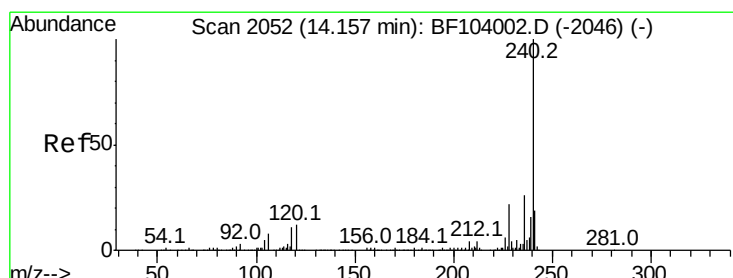
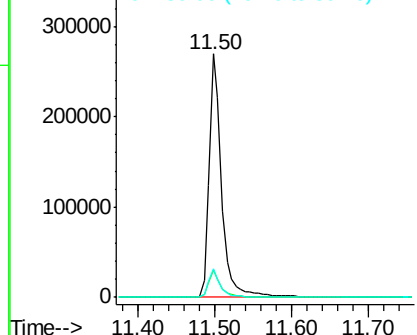
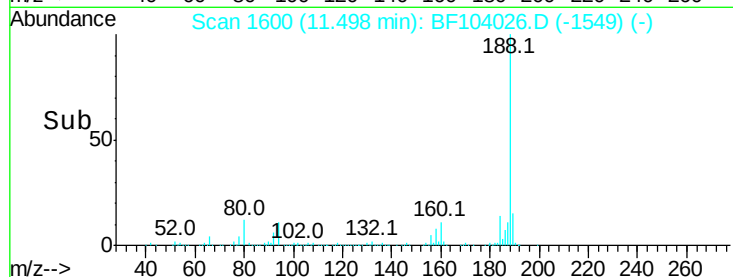
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 301149
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8

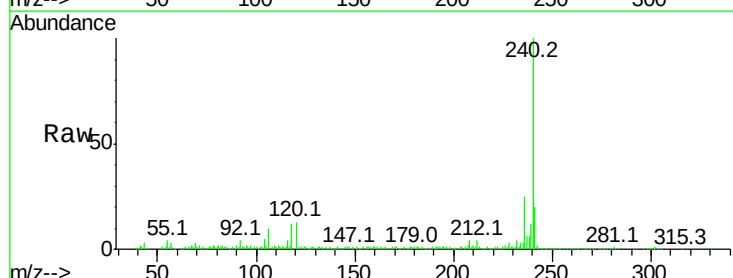


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

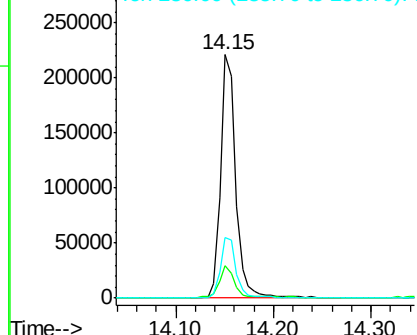
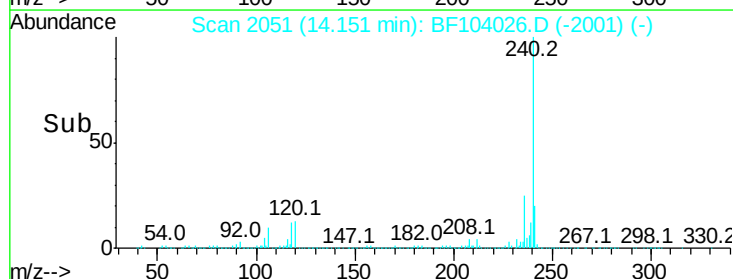


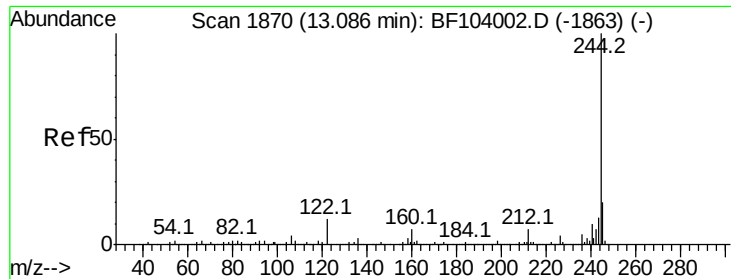
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion:240 Resp: 235616
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 24.6 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: 18.753 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Instrument :

BNA_F

ClientSampleId :

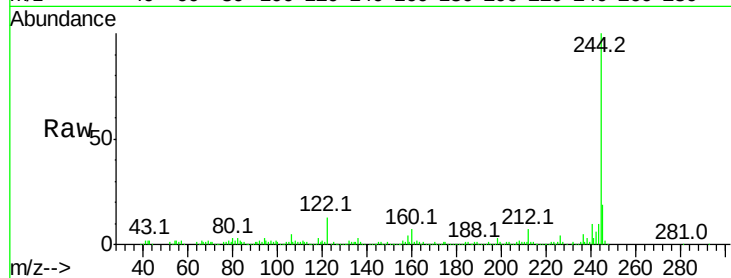
Tot Ion:244 Resp: 191359

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

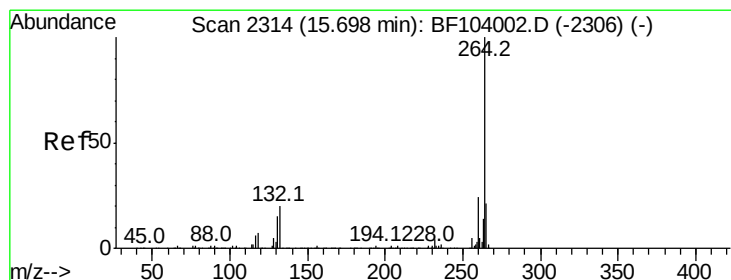
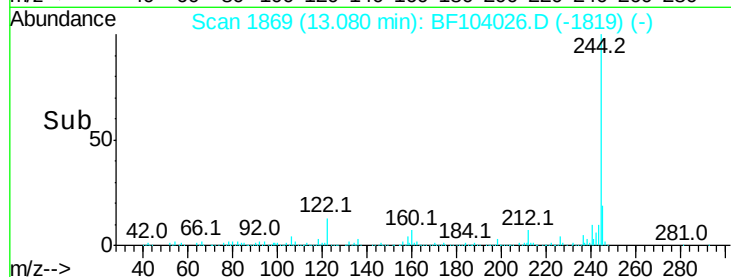
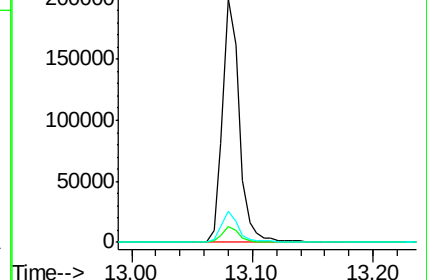
122 12.9 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

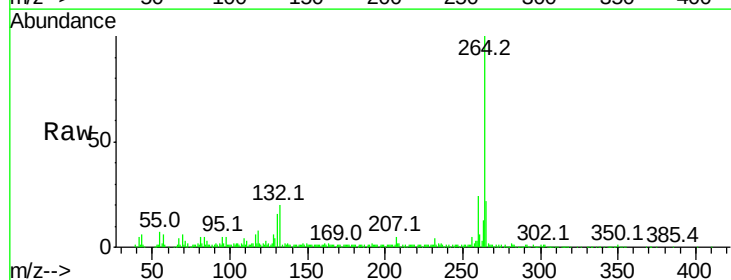
Tgt Ion:264 Resp: 193513

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

