

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036974.D
 Acq On : 26 Sep 2018 7:53
 Operator : JU/SJ
 Sample : J5064-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP

Quant Time: Sep 26 08:42:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

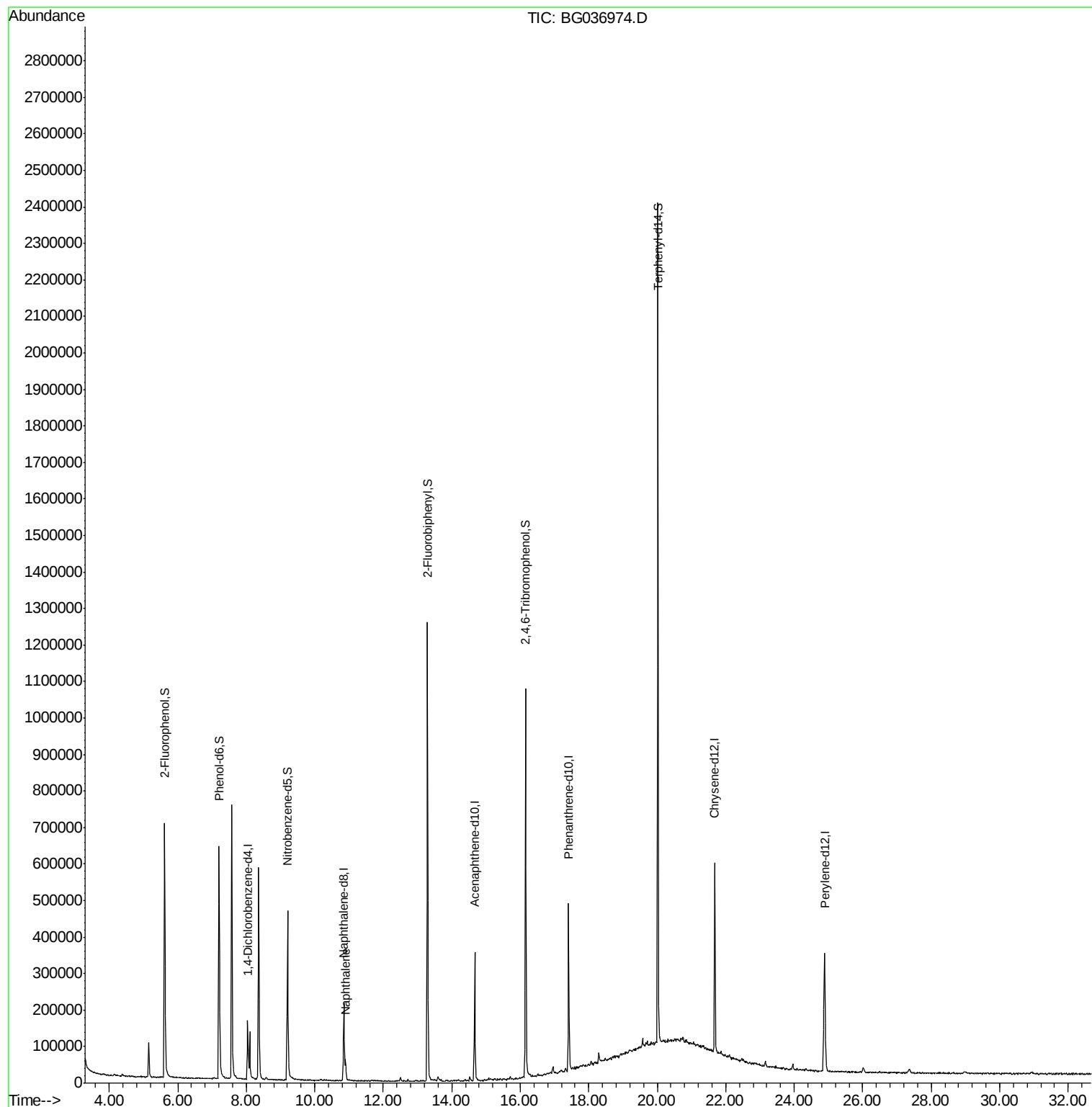
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50724	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	201546	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	129464	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	307152	20.00	ng	0.00
75) Chrysene-d12	21.68	240	330731	20.00	ng	-0.01
86) Perylene-d12	24.89	264	344735	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	329126	124.44	ng	0.00
7) Phenol-d6	7.21	99	419426	102.50	ng	0.00
23) Nitrobenzene-d5	9.20	82	324547	86.23	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	204049	131.73	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	709491	81.62	ng	0.00
78) Terphenyl-d14	20.02	244	1119673	89.02	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	50599	5.276	ng	Qvalue 99

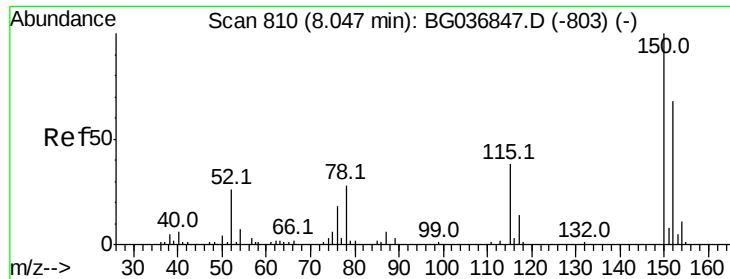
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

Instrument :

BNA_G

ClientSampled :

COMP

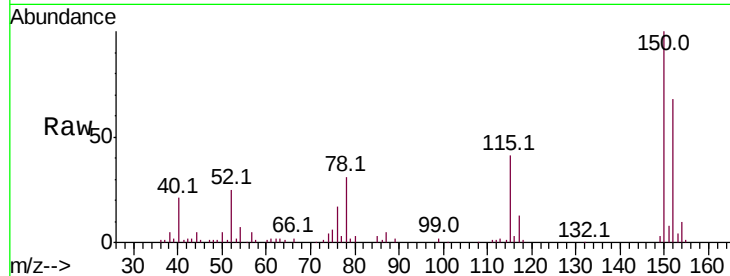
Tot Ion:152 Resp: 50724

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

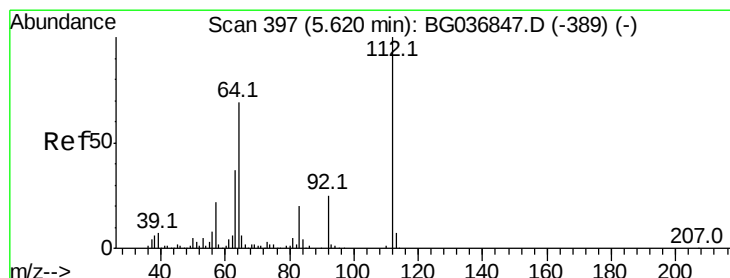
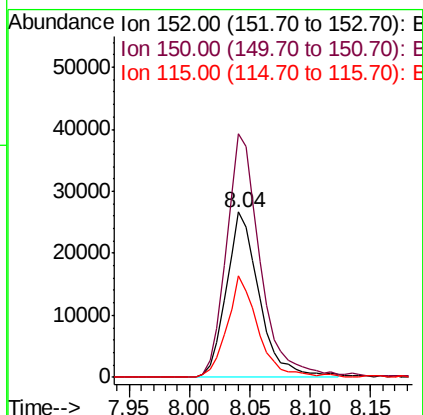
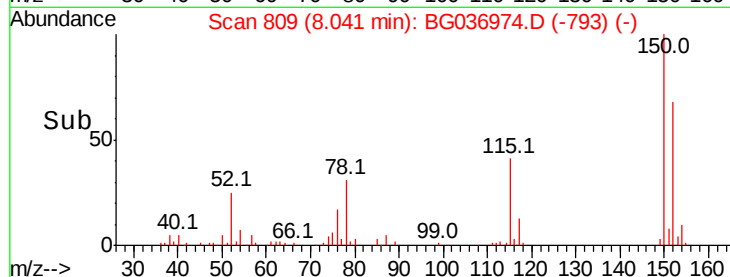
115 61.1 44.5 66.7



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: 124.437 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

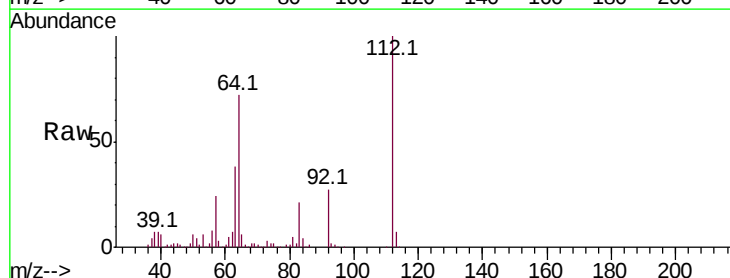
Tgt Ion:112 Resp: 329126

Ion Ratio Lower Upper

112 100

64 71.9 57.2 85.8

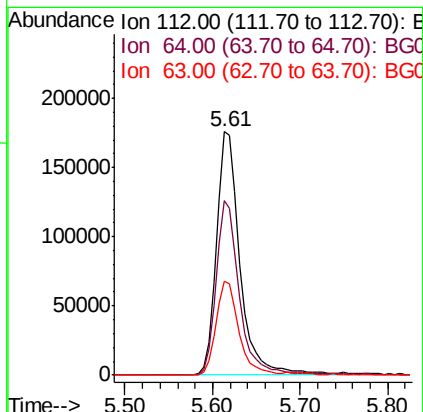
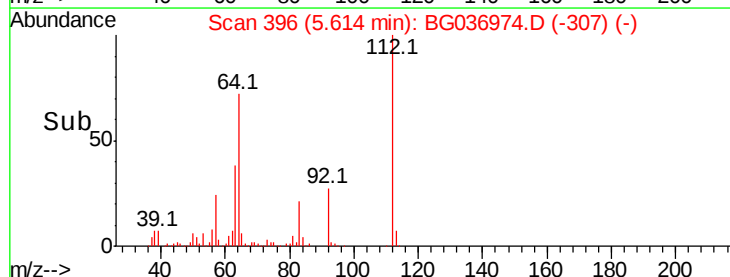
63 38.4 30.8 46.2

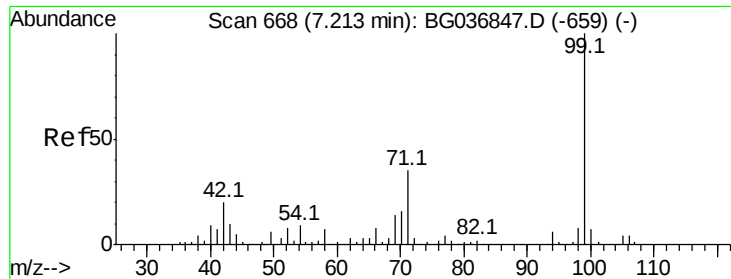


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.495 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

Instrument :

BNA_G

ClientSampled :

COMP

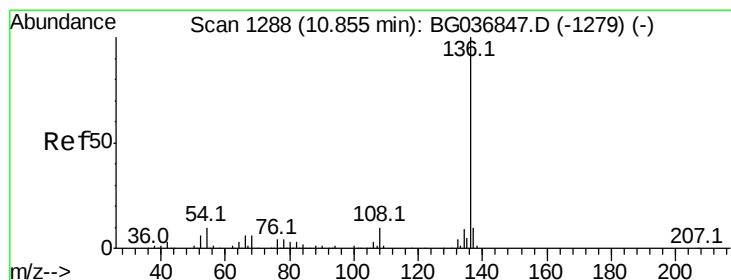
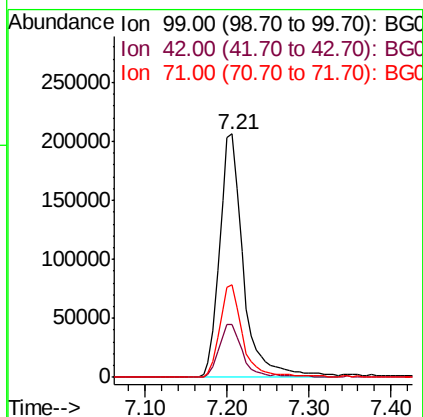
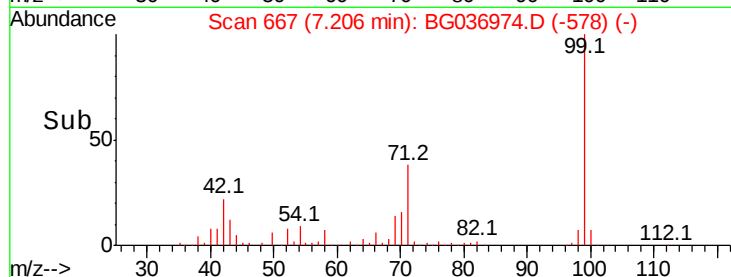
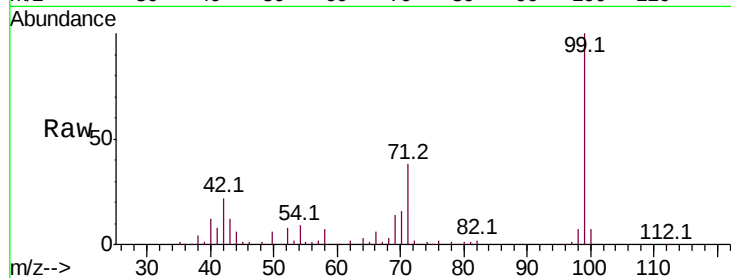
Tot Ion: 99 Resp: 419426

Ion Ratio Lower Upper

99 100

42 21.9 16.5 24.7

71 38.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

Tgt Ion: 136 Resp: 201546

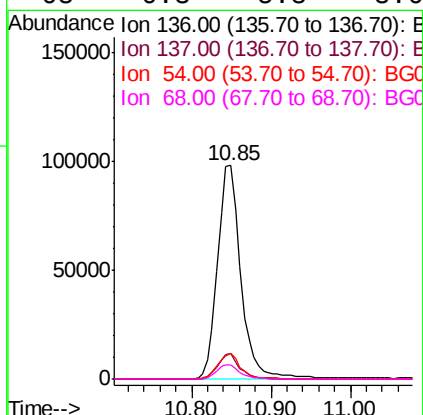
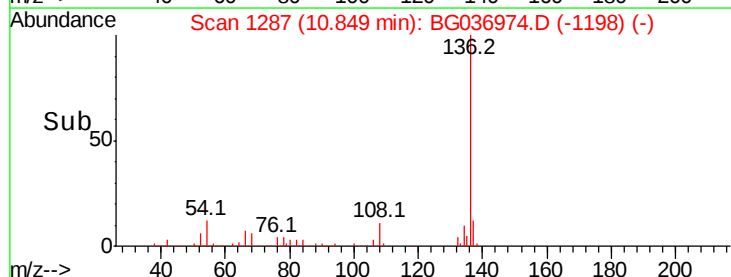
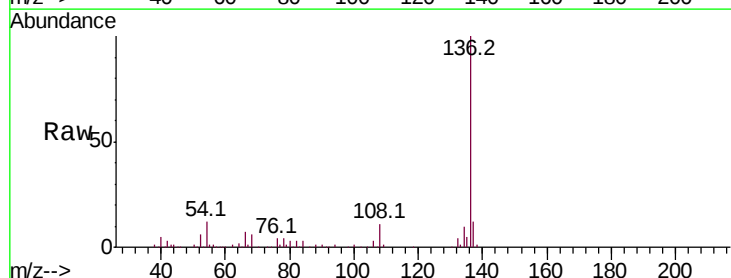
Ion Ratio Lower Upper

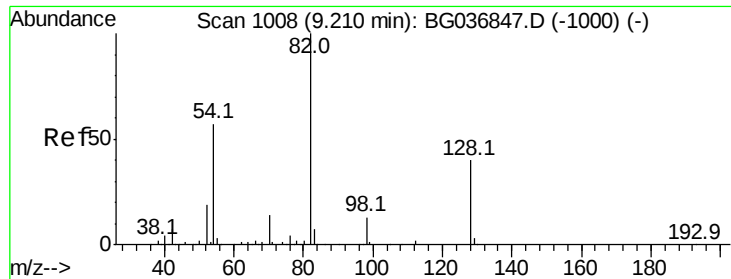
136 100

137 11.8 8.8 13.2

54 12.0 9.2 13.8

68 6.3 5.8 8.6

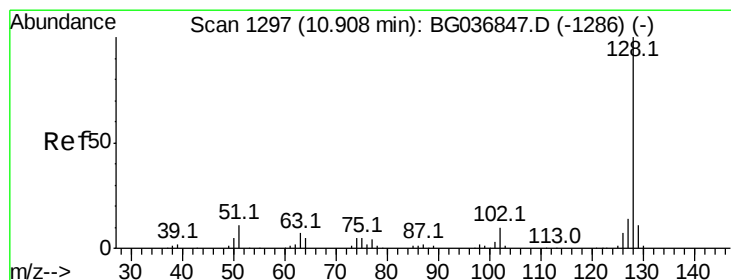
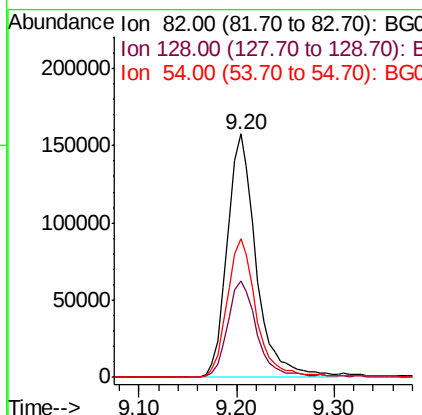
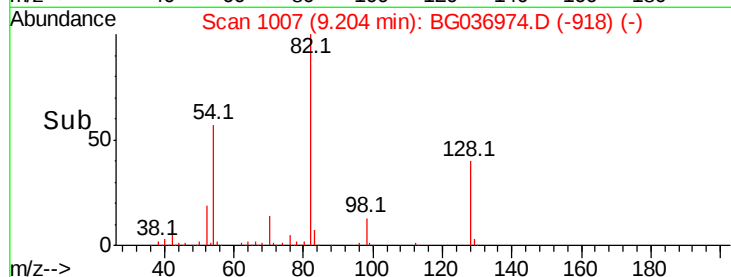
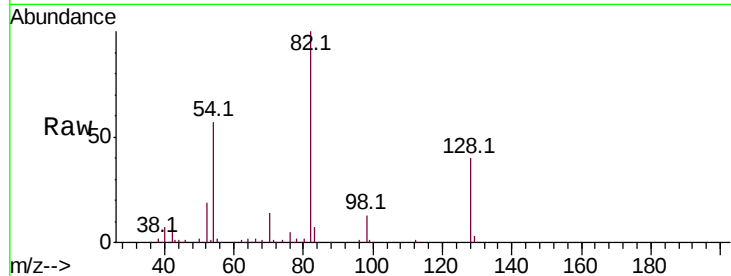




#23
Nitrobenzene-d5
Concen: 86.233 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036974.D
Acq: 26 Sep 2018 7:53

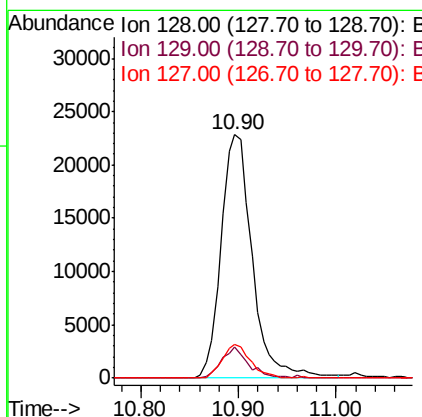
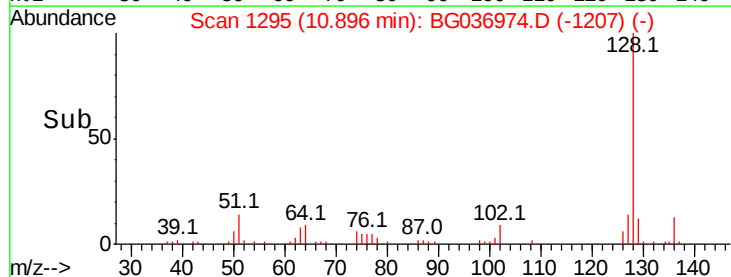
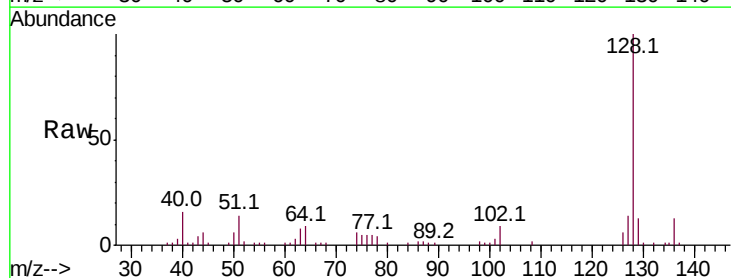
Instrument :
BNA_G
ClientSampled :
COMP

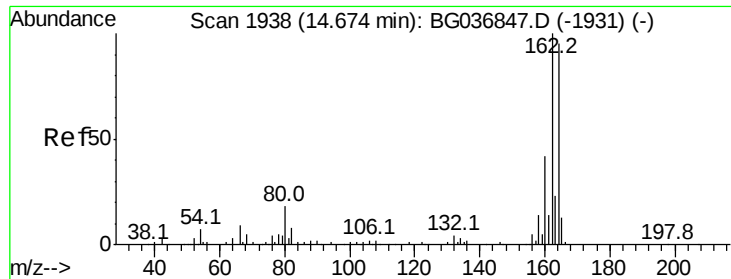
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	56.8	45.1	67.7



#31
Naphthalene
Concen: 5.276 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036974.D
Acq: 26 Sep 2018 7:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.2
127	13.9	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

Instrument :

BNA_G

ClientSampleId :

COMP

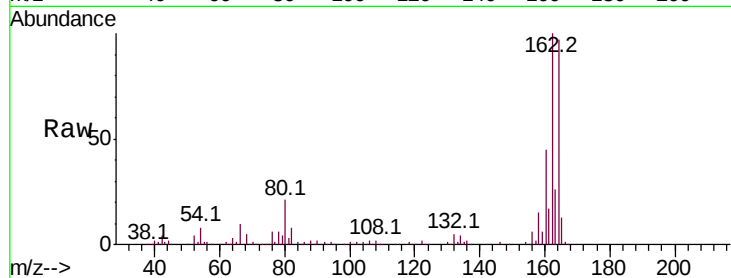
Tot Ion:164 Resp: 129464

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

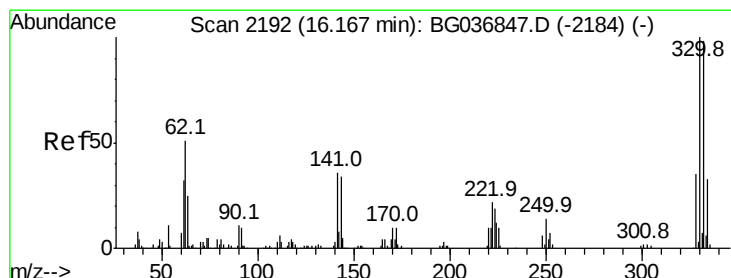
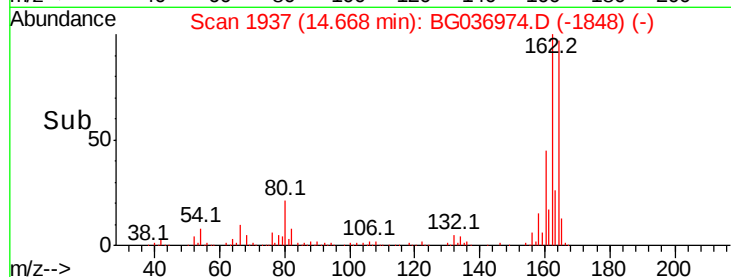
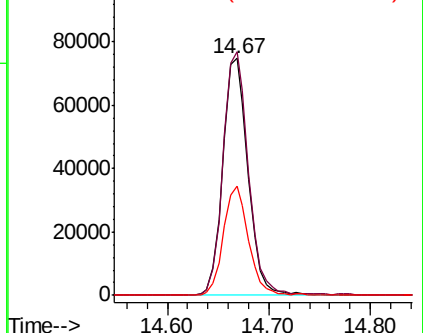
160 46.3 35.3 52.9



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: 131.733 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

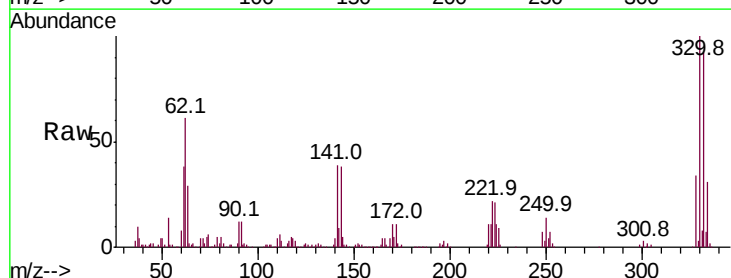
Tgt Ion:330 Resp: 204049

Ion Ratio Lower Upper

330 100

332 94.0 75.4 113.2

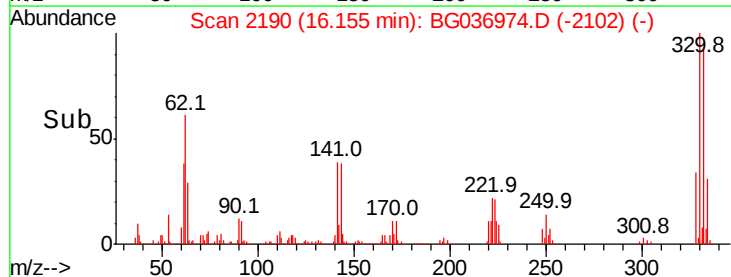
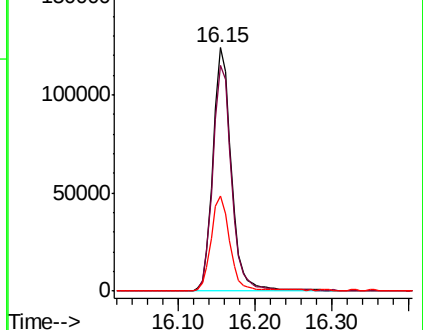
141 39.4 30.7 46.1

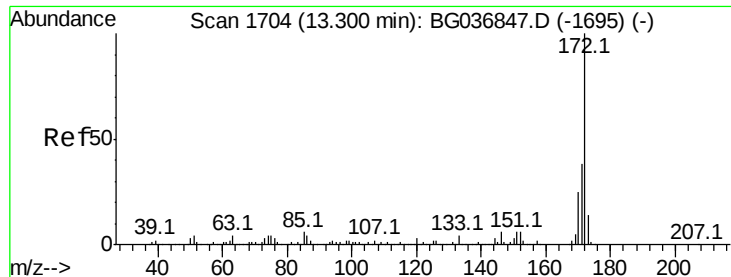


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

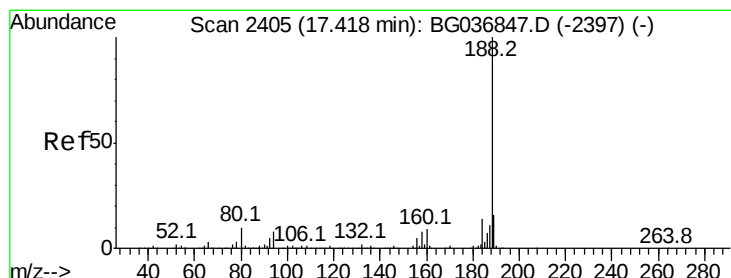
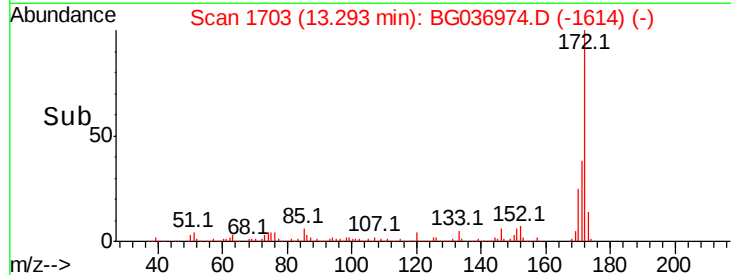
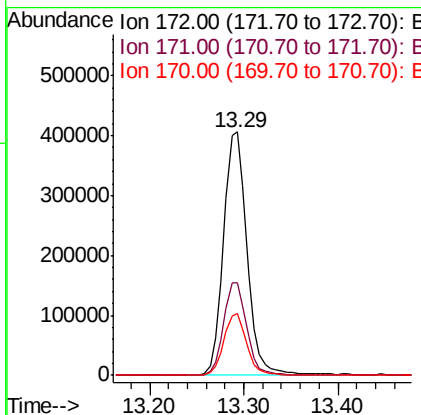
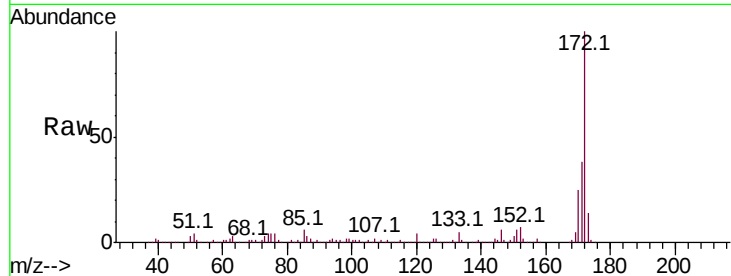




#44
 2-Fluorobiphenyl
 Concen: 81.622 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036974.D
 Acq: 26 Sep 2018 7:53

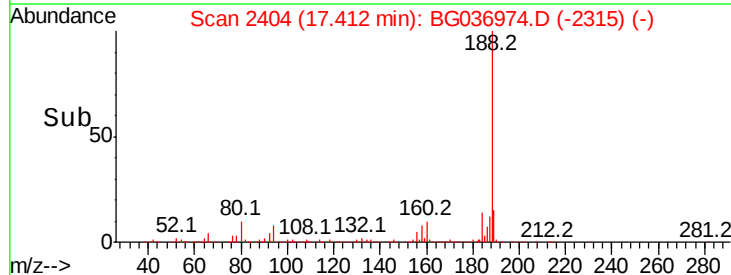
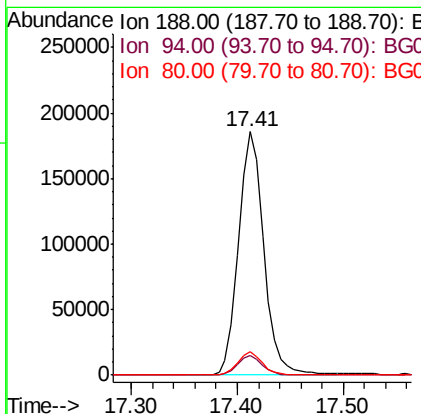
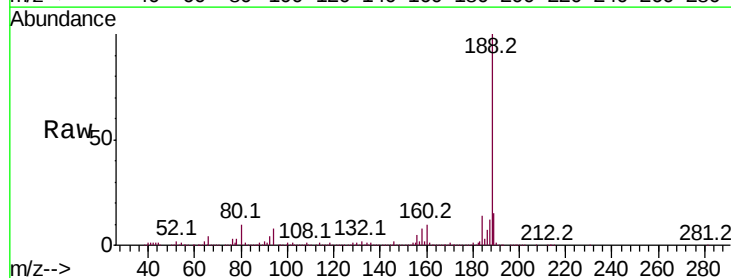
Instrument :
 BNA_G
 ClientSampled :
 COMP

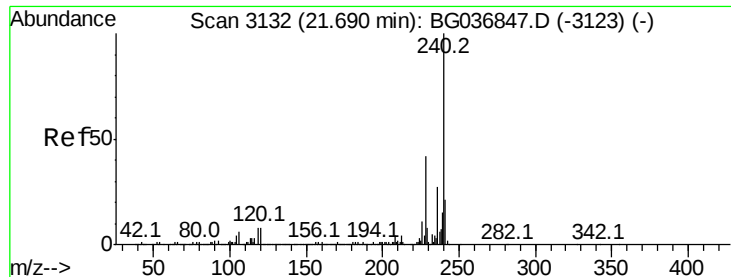
Tot Ion:172 Resp: 709491
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.4 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036974.D
 Acq: 26 Sep 2018 7:53

Tgt Ion:188 Resp: 307152
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 9.5 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

Instrument :

BNA_G

ClientSampleId :

COMP

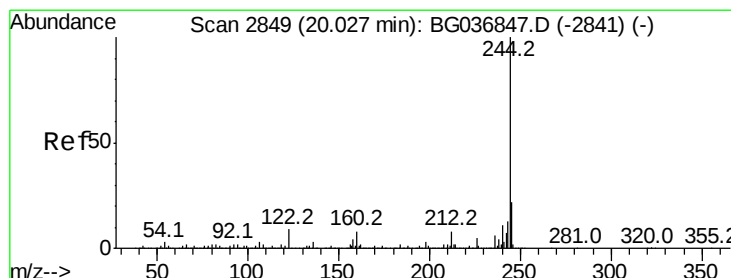
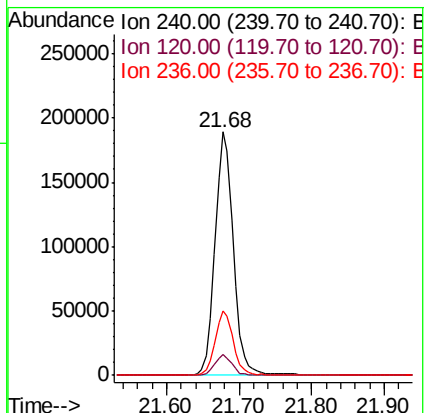
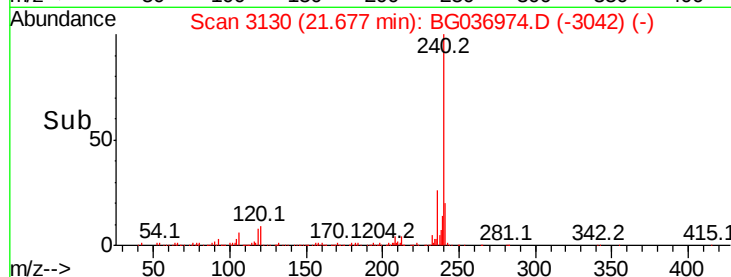
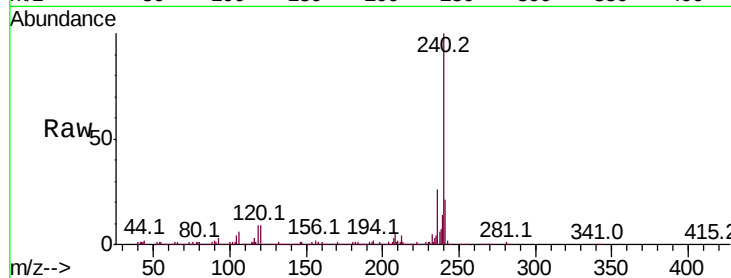
Tot Ion:240 Resp: 330731

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.4 21.2 31.8



#78

Terphenyl-d14

Concen: 89.020 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036974.D

Acq: 26 Sep 2018 7:53

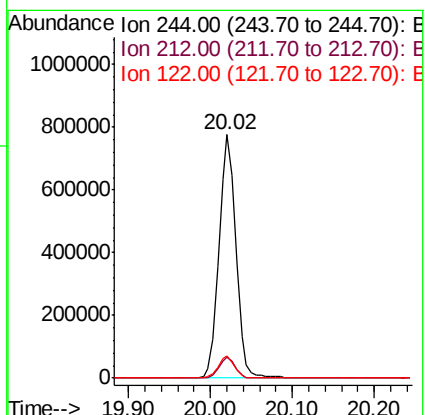
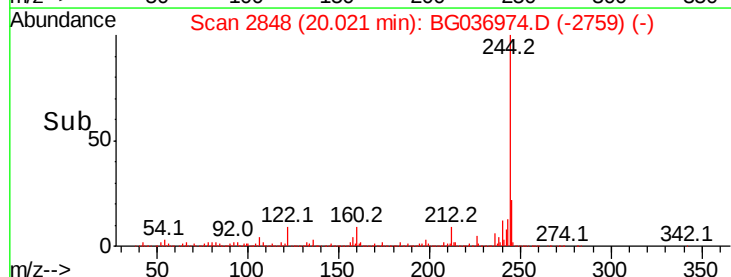
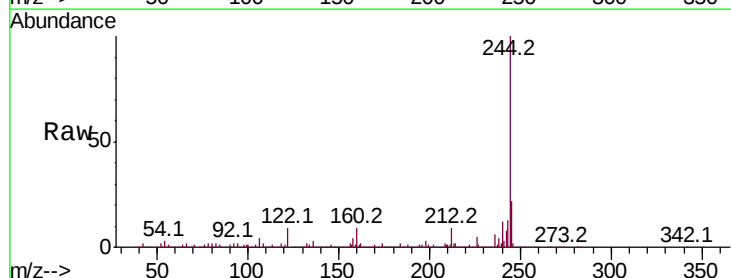
Tgt Ion:244 Resp: 1119673

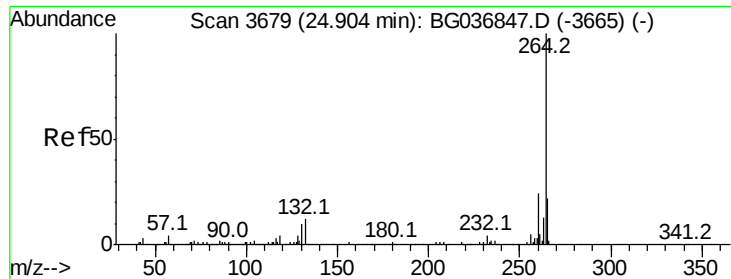
Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 8.9 7.1 10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036974.D
Acq: 26 Sep 2018 7:53

Instrument :
BNA_G
ClientSampleId :
COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.8	17.4	26.0

