

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034960.D
 Acq On : 7 Jun 2018 20:02
 Operator : SJ/JU
 Sample : J3241-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-C

Quant Time: Jun 08 04:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

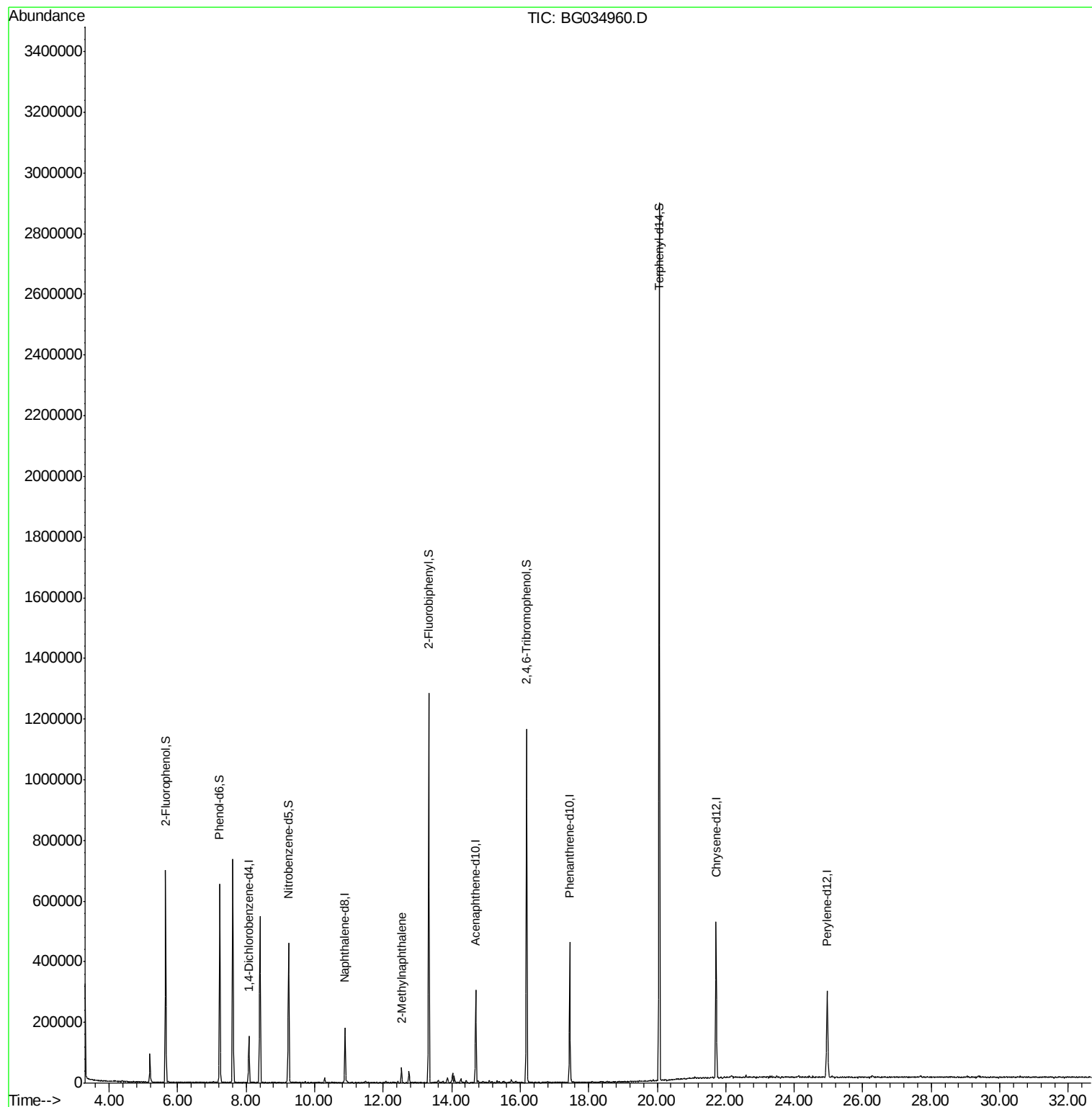
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39615	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	145397	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	99647	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	287088	20.00	ng	0.00
75) Chrysene-d12	21.72	240	317666	20.00	ng	0.00
86) Perylene-d12	24.96	264	306861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	283440	120.75	ng	0.00
7) Phenol-d6	7.23	99	375428	108.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	297993	97.42	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	201709	158.13	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	656264	85.62	ng	0.00
78) Terphenyl-d14	20.06	244	1342921	88.55	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.54	142	22693	3.963	ng	Qvalue 95

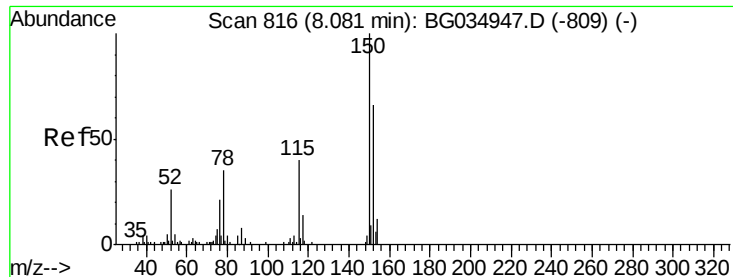
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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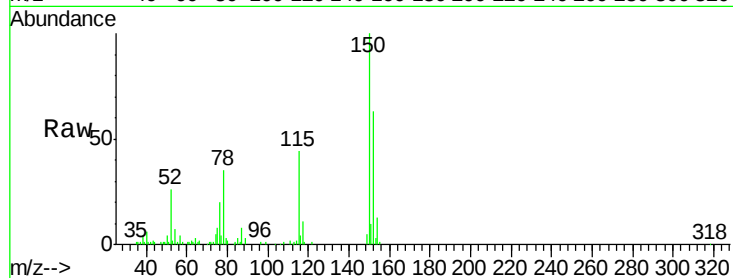


#1

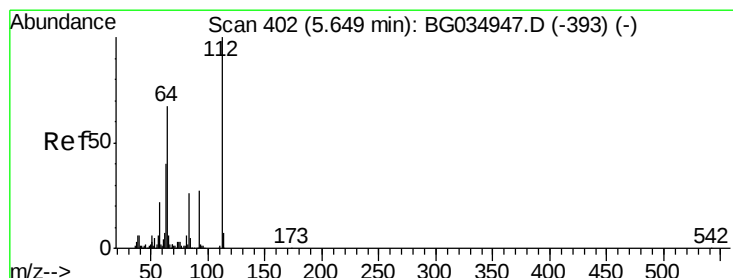
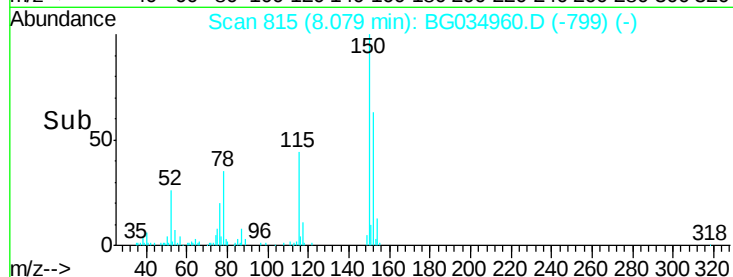
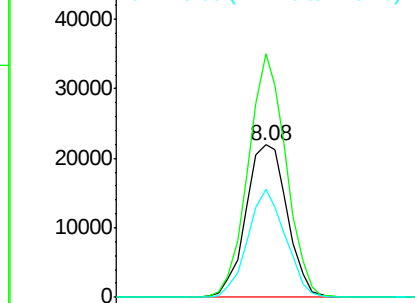
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034960.D
Acq: 7 Jun 2018 20:02

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-C

Tot Ion:152 Resp: 39615
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 70.8 53.0 79.4



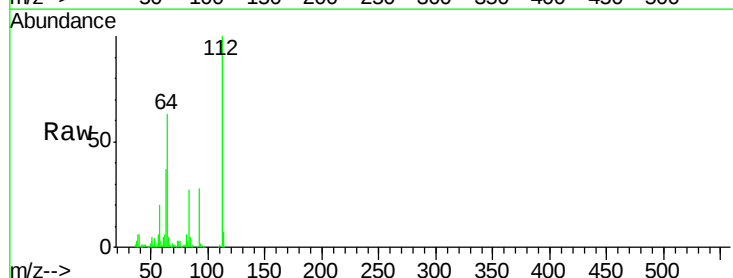
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



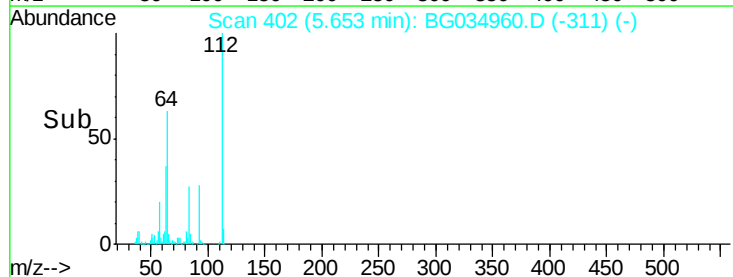
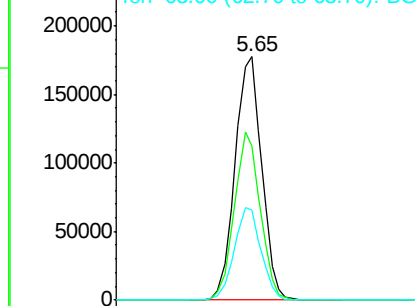
#5

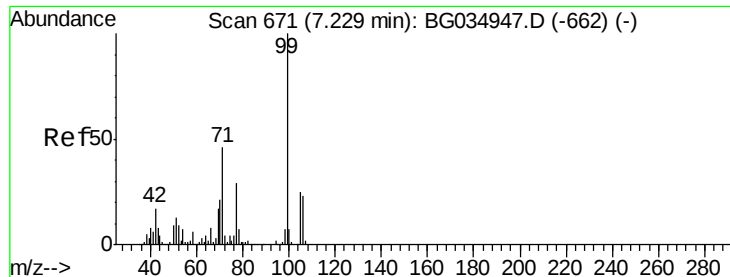
2-Fluorophenol
Concen: 120.746 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034960.D
Acq: 7 Jun 2018 20:02

Tgt Ion:112 Resp: 283440
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 36.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.360 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-C

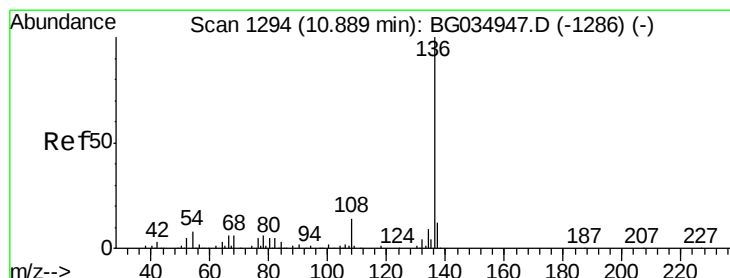
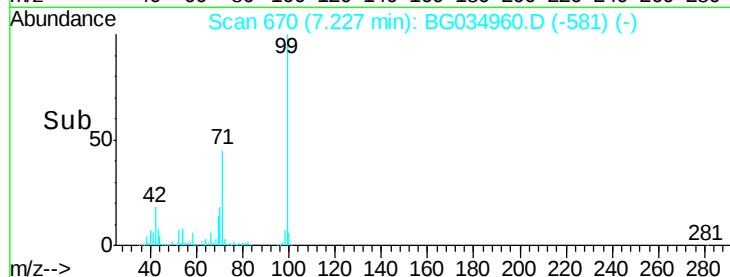
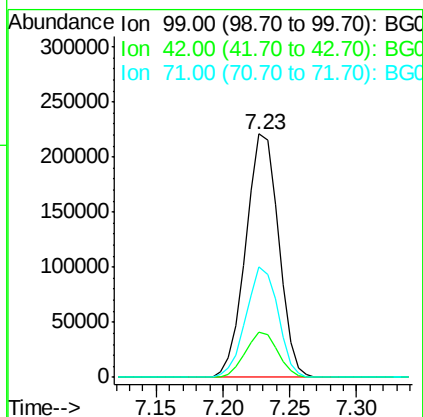
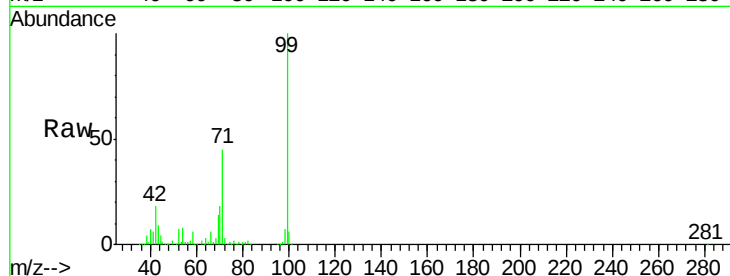
Tot Ion: 99 Resp: 375428

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 45.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

Tgt Ion: 136 Resp: 145397

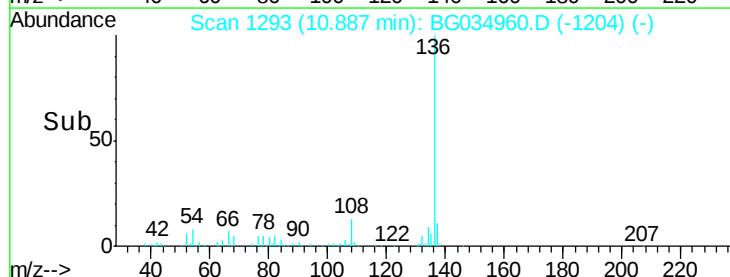
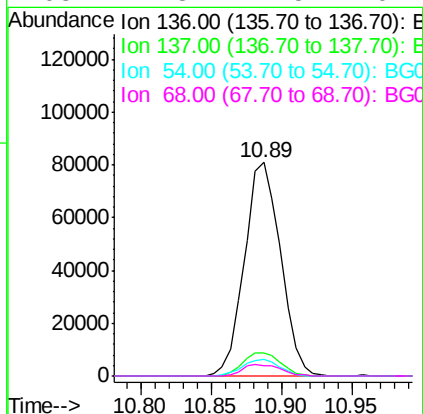
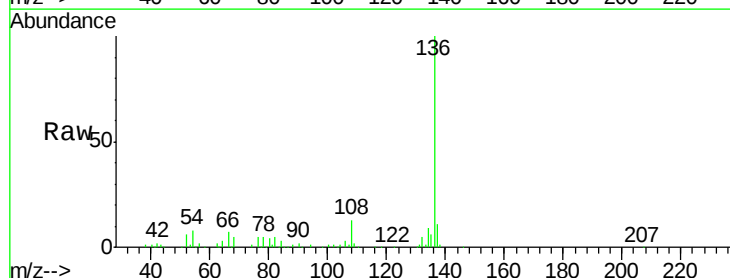
Ion Ratio Lower Upper

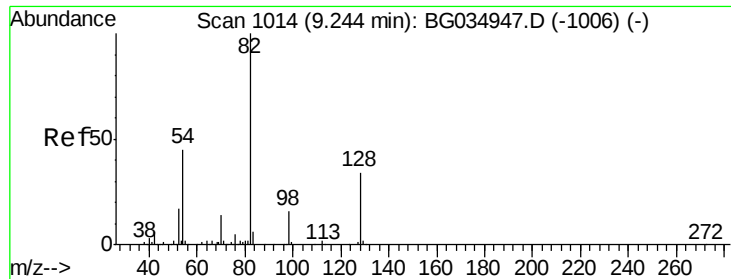
136 100

137 11.1 9.2 13.8

54 7.6 10.3 15.5#

68 4.8 4.5 6.7

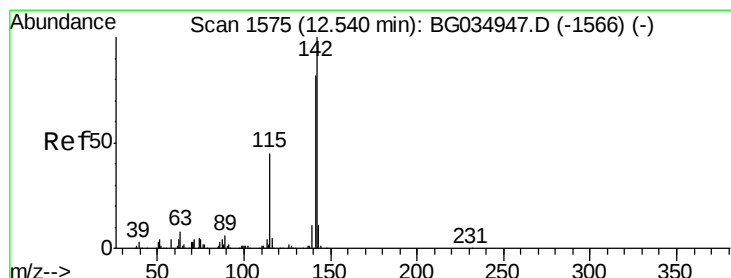
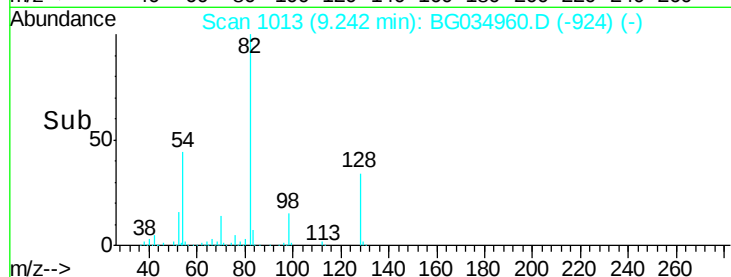
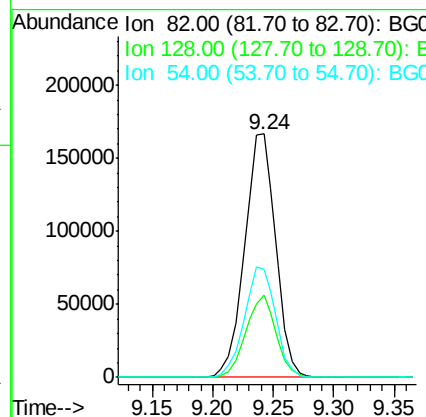
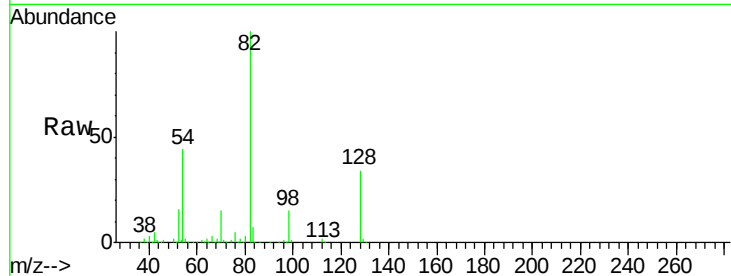




#23
 Nitrobenzene-d5
 Concen: 97.422 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034960.D
 Acq: 7 Jun 2018 20:02

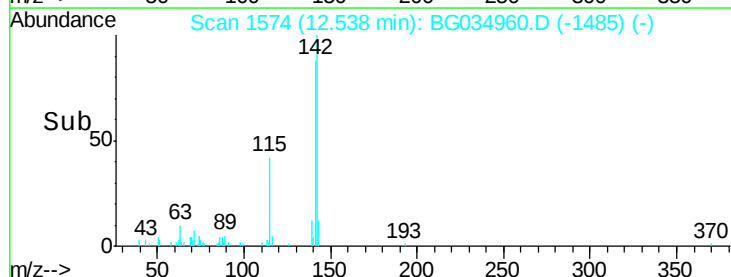
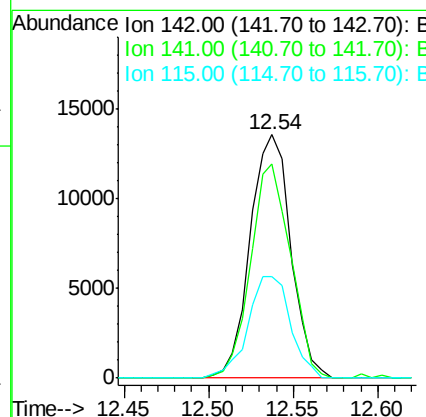
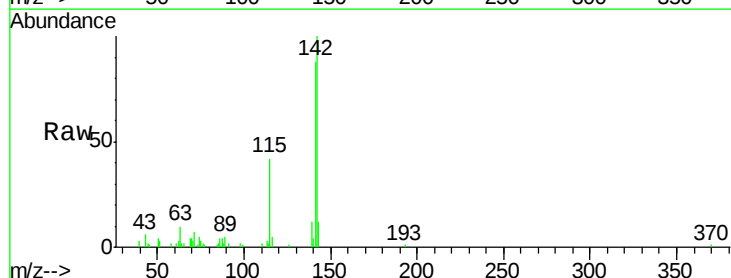
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-C

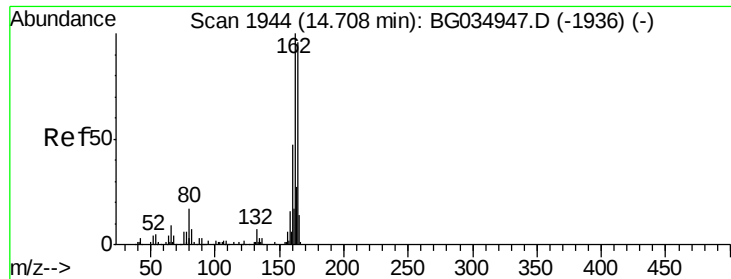
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	44.2	43.1	64.7



#37
 2-Methylnaphthalene
 Concen: 3.963 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG034960.D
 Acq: 7 Jun 2018 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.1	100.7
115	41.8	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-C

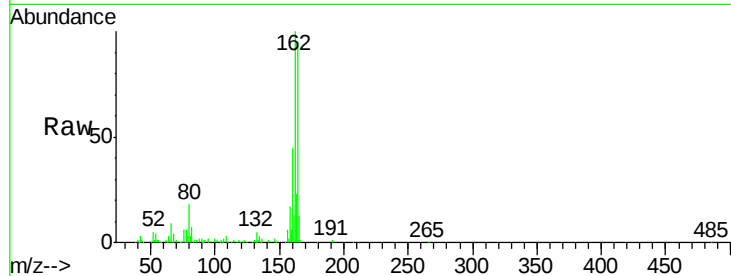
Tot Ion:164 Resp: 99647

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

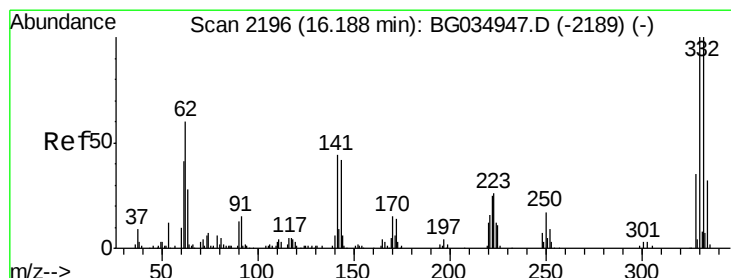
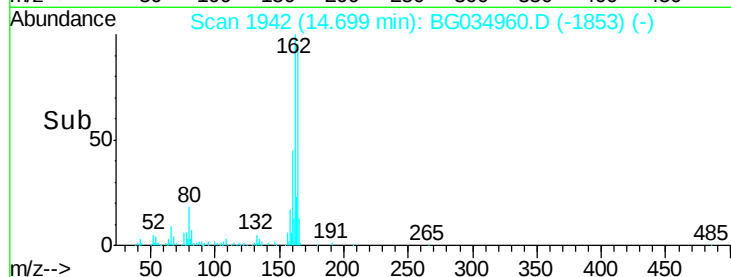
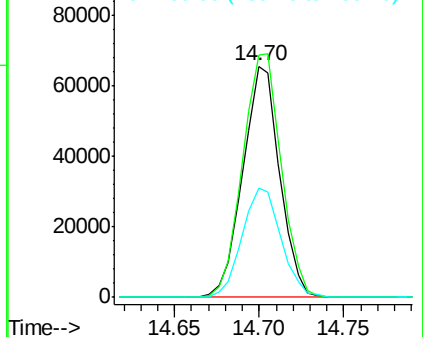
160 47.1 35.4 53.0



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: 158.128 ng

RT: 16.19 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

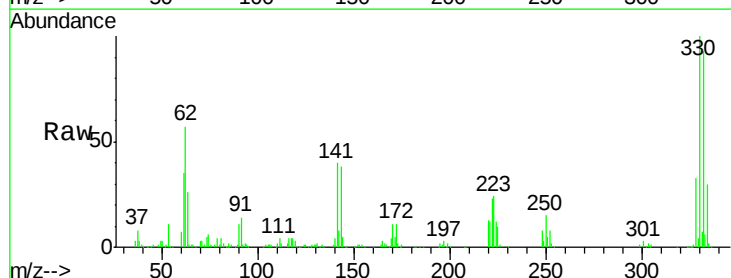
Tgt Ion:330 Resp: 201709

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

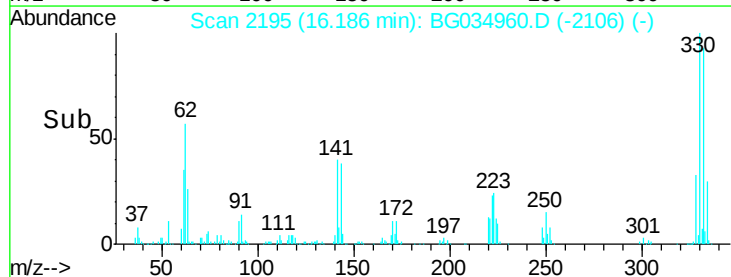
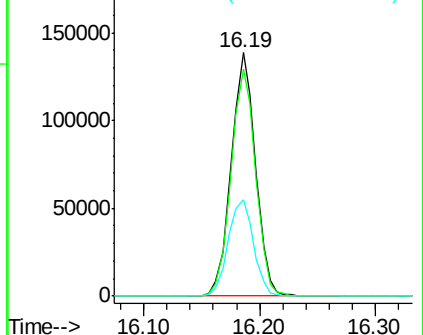
141 41.4 25.2 37.8#

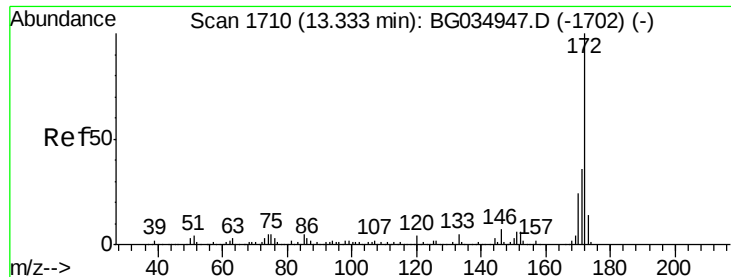


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

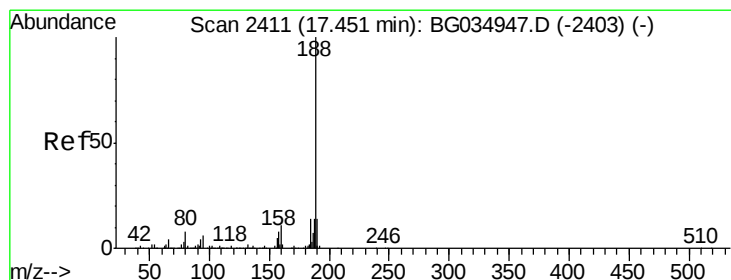
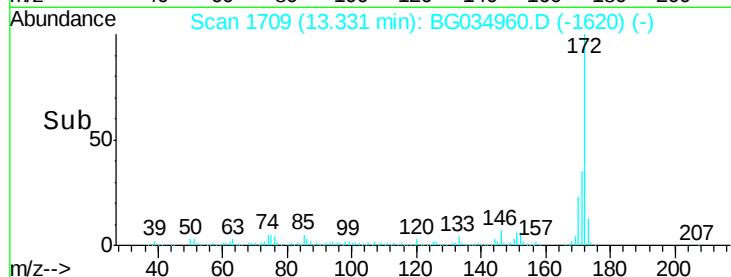
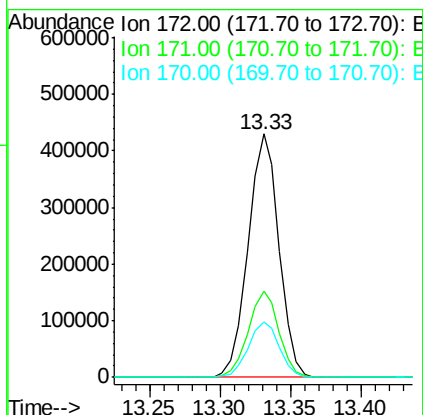
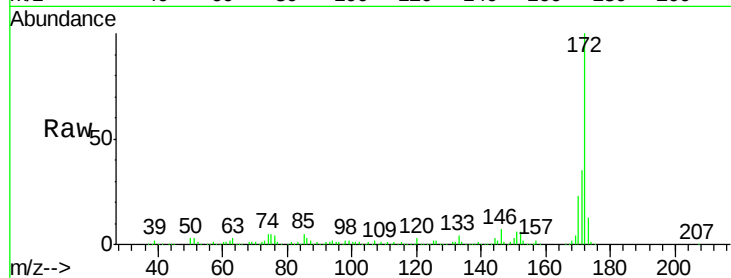




#44
 2-Fluorobiphenyl
 Concen: 85.616 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034960.D
 Acq: 7 Jun 2018 20:02

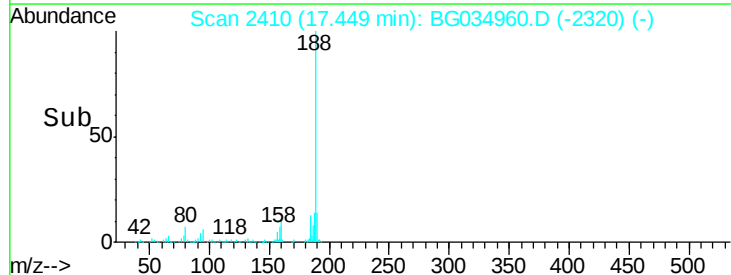
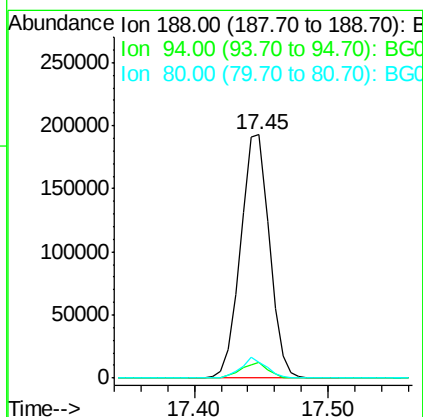
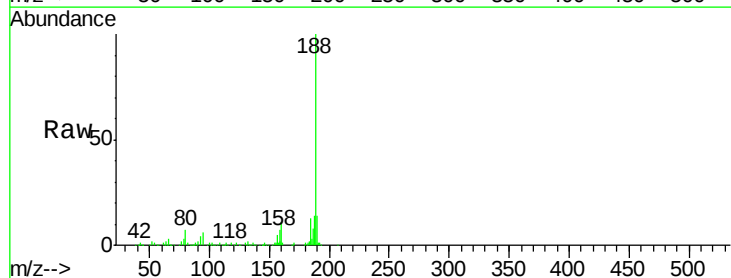
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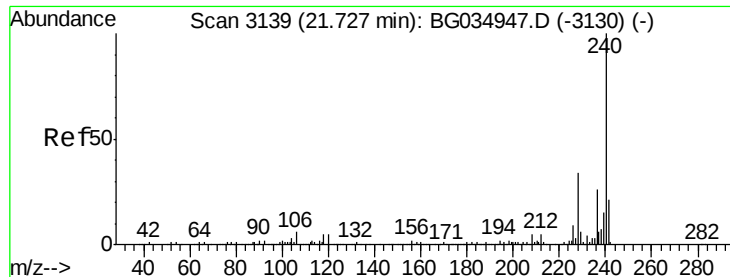
Tot Ion:172 Resp: 656264
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BG034960.D
 Acq: 7 Jun 2018 20:02

Tgt Ion:188 Resp: 287088
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 6.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

Instrument :

BNA_G

ClientSampleID :

HR-06-060518-C

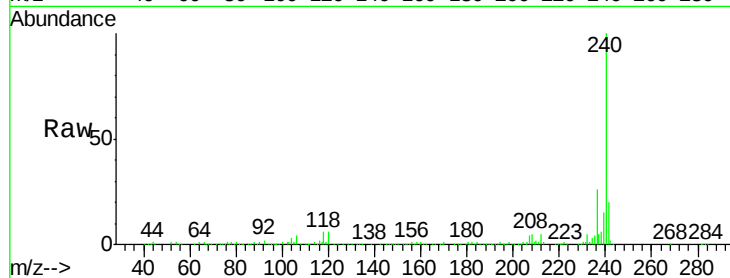
Tot Ion:240 Resp: 317666

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

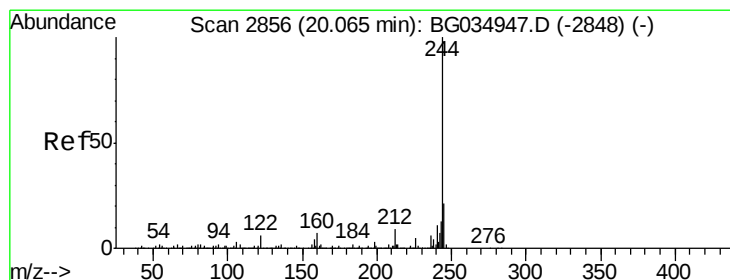
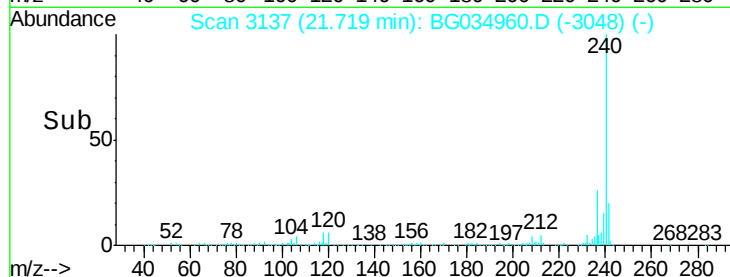
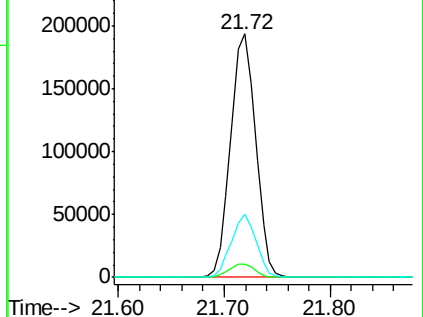
236 25.9 20.9 31.3



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: 88.552 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034960.D

Acq: 7 Jun 2018 20:02

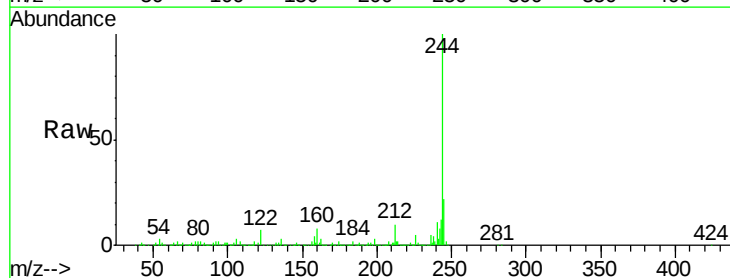
Tgt Ion:244 Resp: 1342921

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

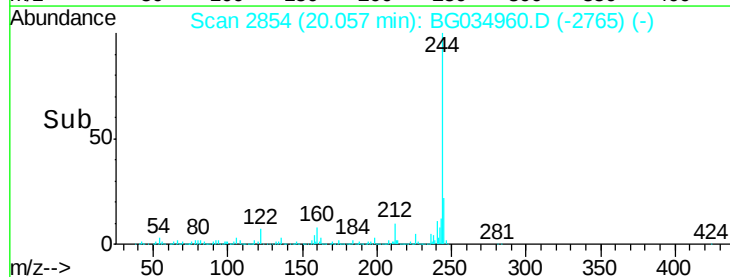
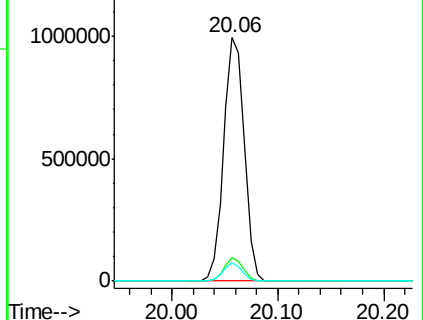
122 7.4 7.0 10.4

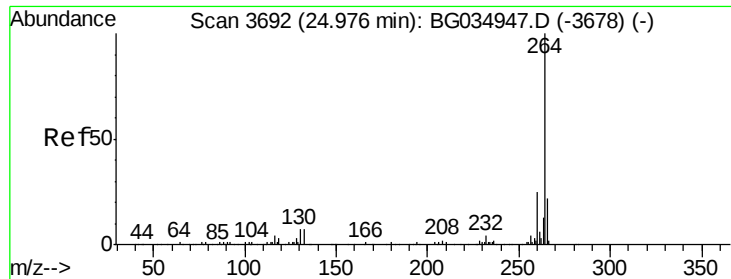


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.96 min Scan# 3689
 Delta R.T. -0.02 min
 Lab File: BG034960.D
 Acq: 7 Jun 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-C

Tot Ion:264 Resp: 306861
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.2 17.7 26.5

