

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034975.D
 Acq On : 8 Jun 2018 6:31
 Operator : SJ/JU
 Sample : PB110005BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BL

Quant Time: Jun 08 08:05:09 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	41048	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	146769	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	109521	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	301552	20.00	ng	0.00
75) Chrysene-d12	21.71	240	334246	20.00	ng	-0.02
86) Perylene-d12	24.95	264	321812	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	220080	90.48	ng	0.00
7) Phenol-d6	7.23	99	325179	90.58	ng	0.00
23) Nitrobenzene-d5	9.23	82	310213	100.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	140006	99.86	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	722195	85.72	ng	0.00
78) Terphenyl-d14	20.05	244	1401173	87.81	ng	0.00

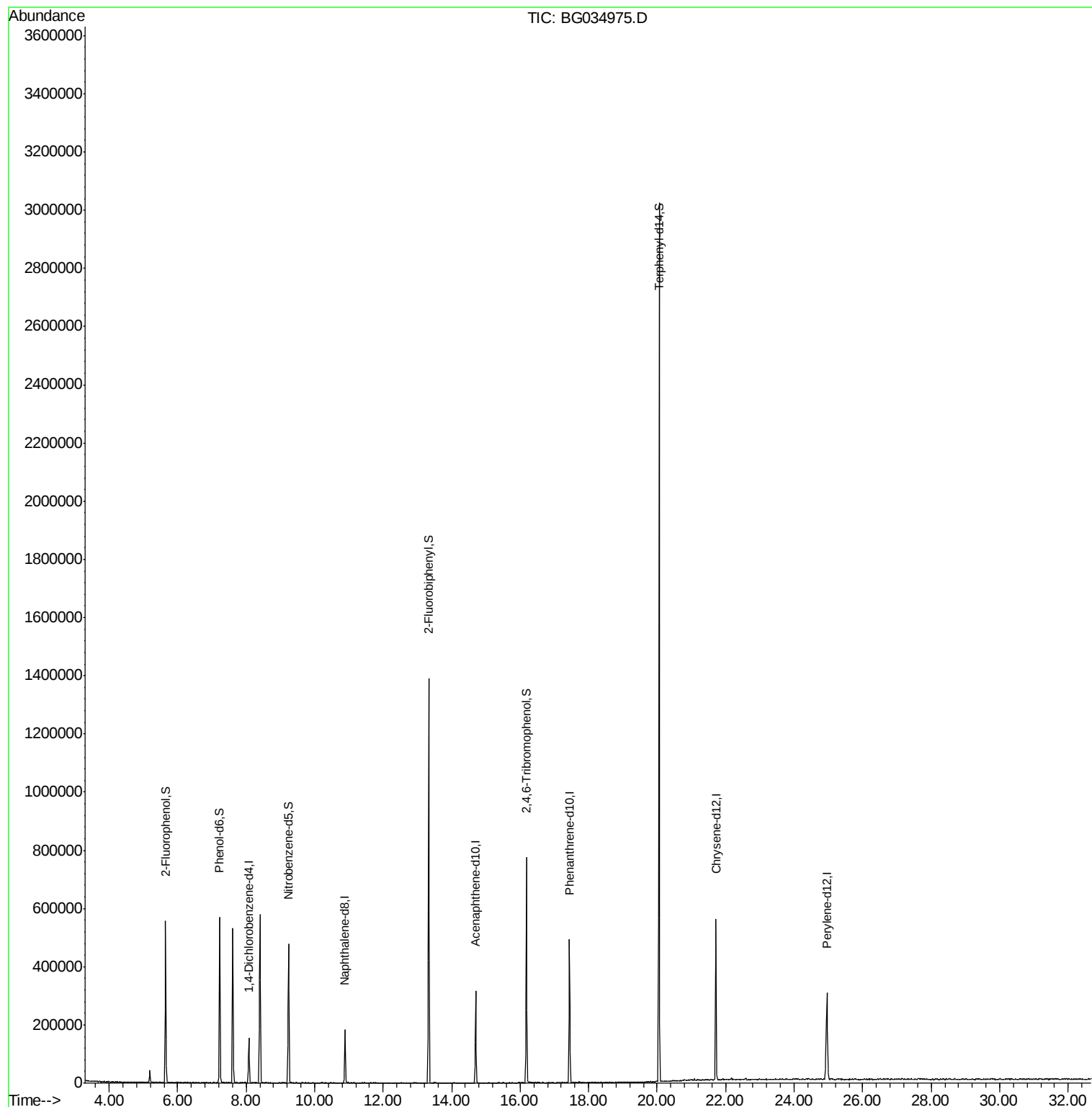
Target Compounds Qvalue

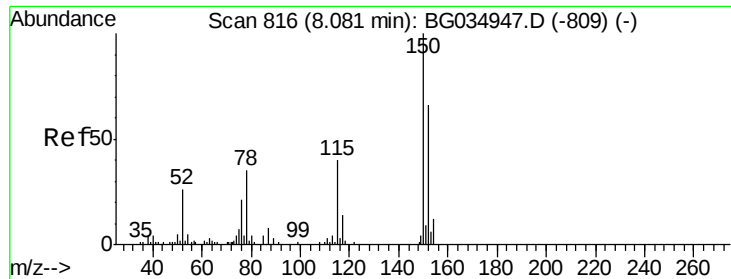
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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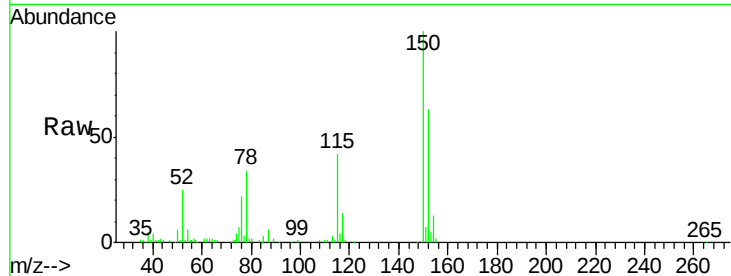


#1

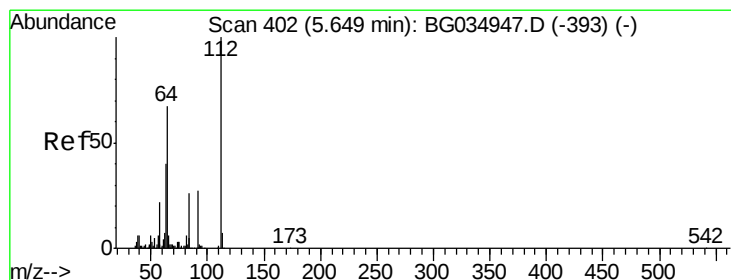
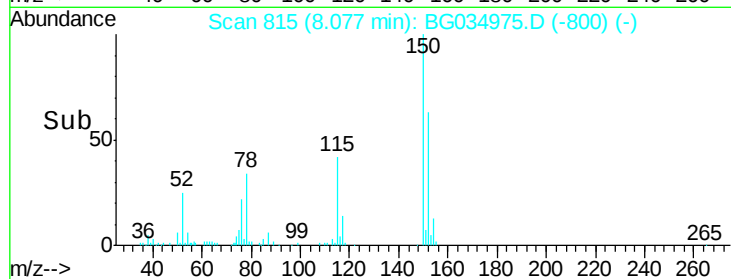
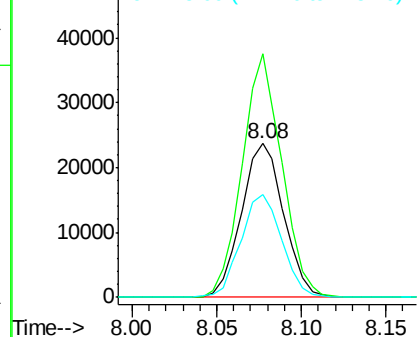
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	66.7	53.0	79.4



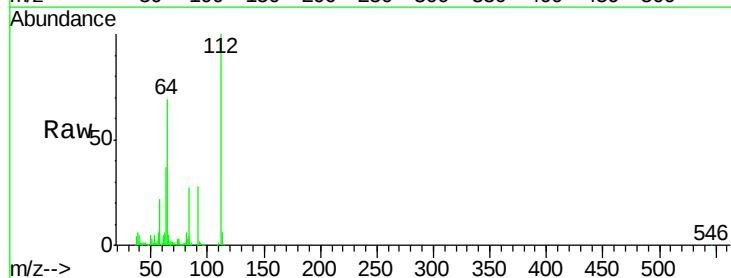
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



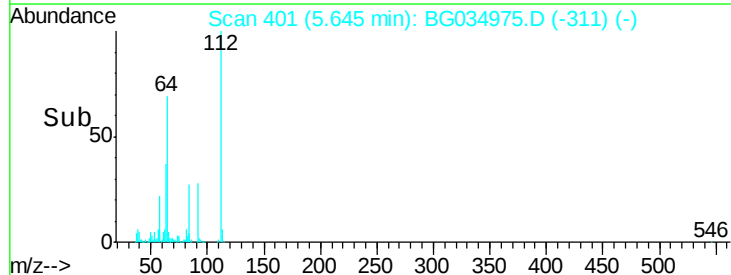
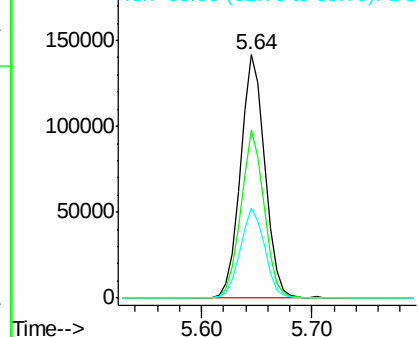
#5

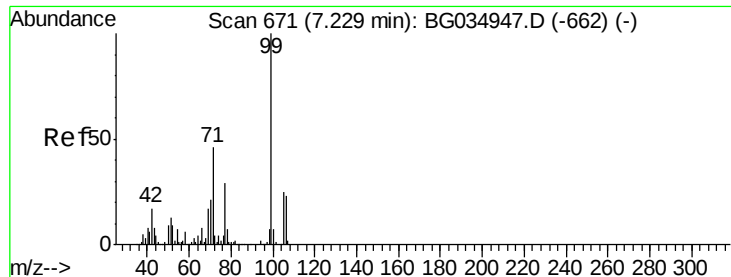
2-Fluorophenol
 Concen: 90.482 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.3	84.5
63	37.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 90.580 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

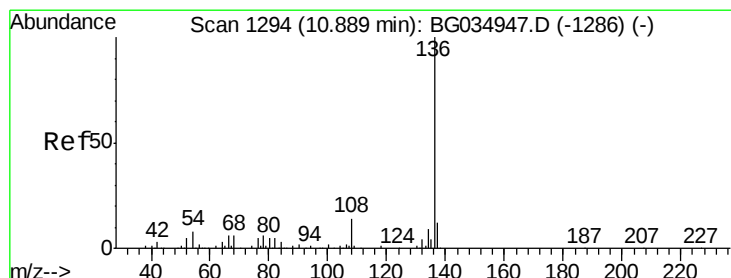
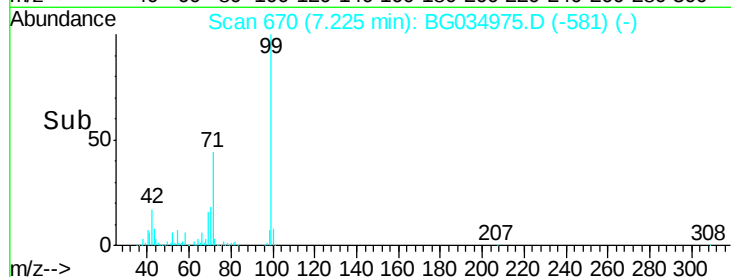
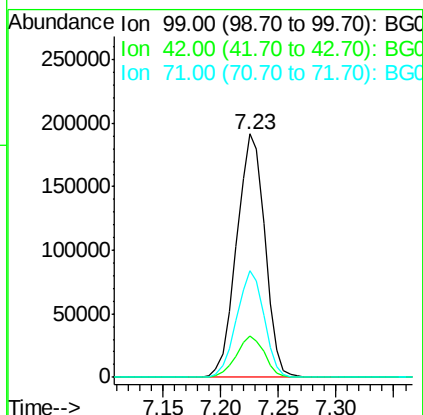
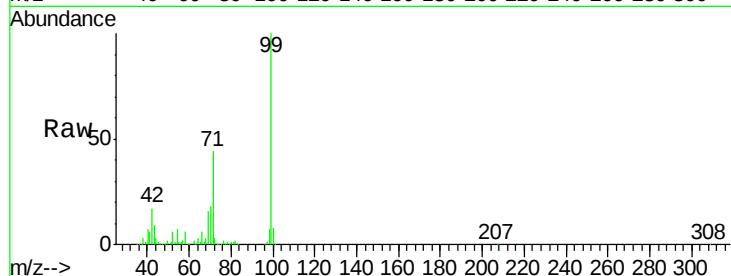
Tot Ion: 99 Resp: 325179

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 43.9 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Tgt Ion: 136 Resp: 146769

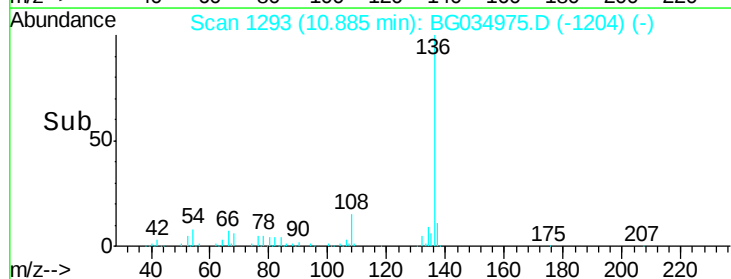
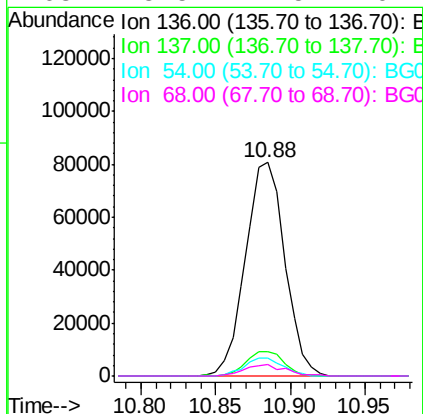
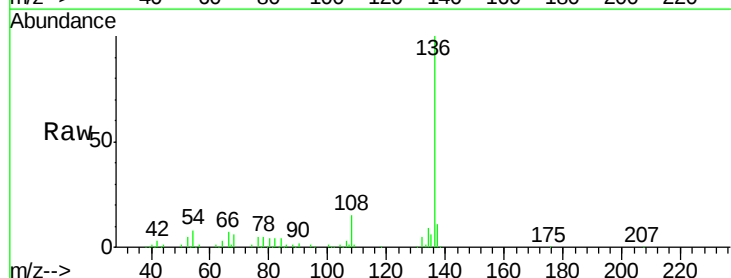
Ion Ratio Lower Upper

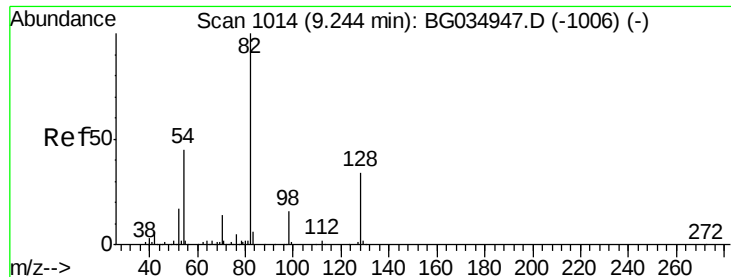
136 100

137 11.5 9.2 13.8

54 8.2 10.3 15.5#

68 5.5 4.5 6.7

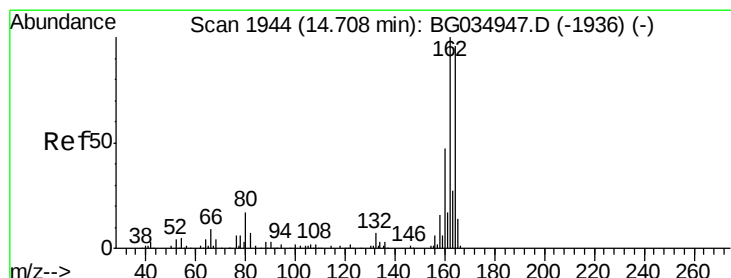
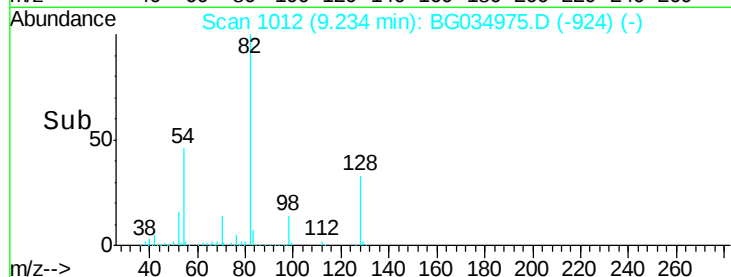
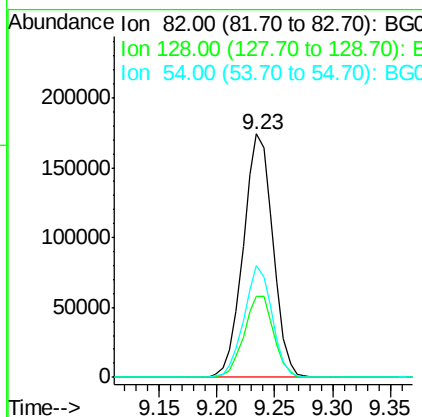
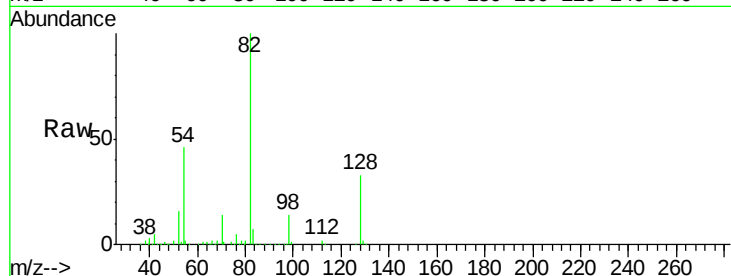




#23
 Nitrobenzene-d5
 Concen: 100.469 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

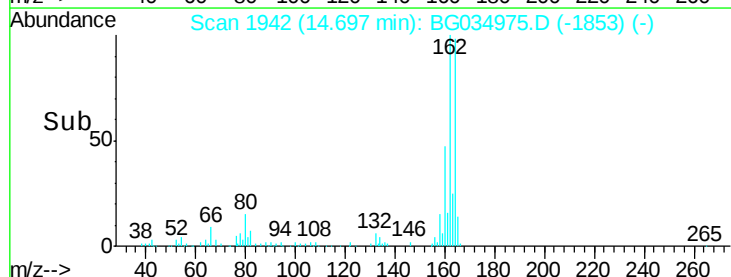
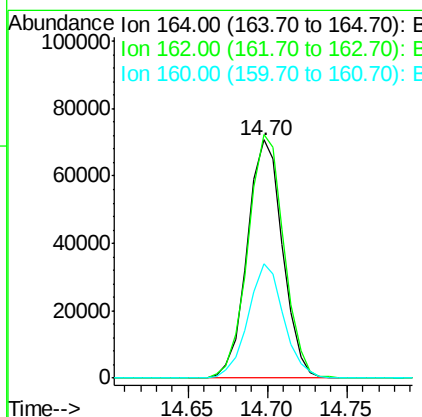
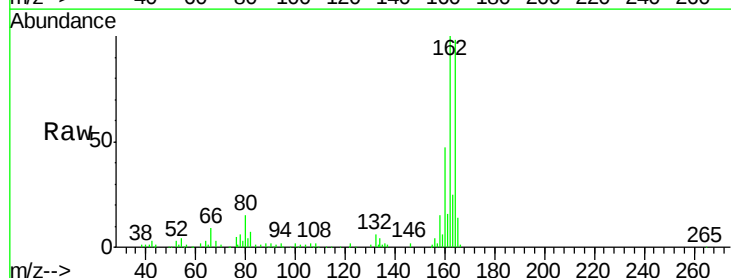
Instrument :
 BNA_G
 ClientSampleId :
 PB110005BL

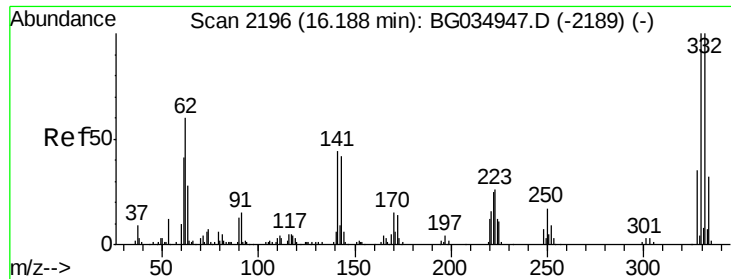
Tot Ion	82	Resp	310213
Ion Ratio	Lower	Upper	
82	100		
128	33.1	29.7	44.5
54	45.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

Tgt Ion	164	Resp	109521
Ion Ratio	Lower	Upper	
164	100		
162	102.3	78.8	118.2
160	48.0	35.4	53.0

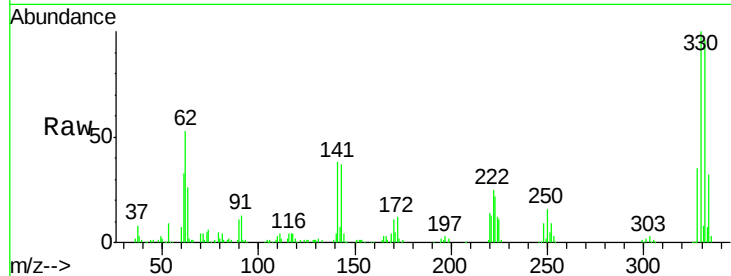




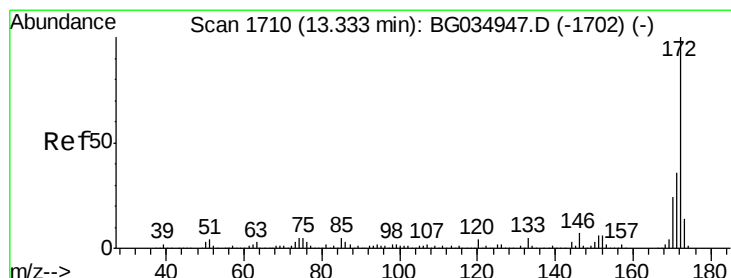
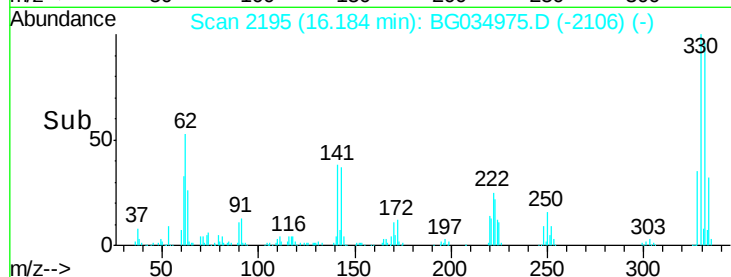
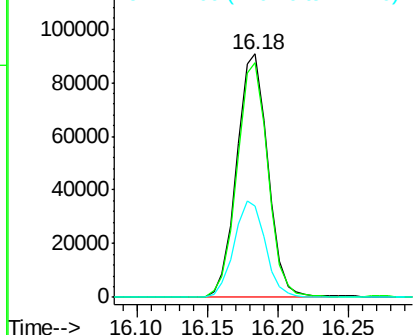
#41
 2,4,6-Tribromophenol
 Concen: 99.861 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BL

Tot Ion:330 Resp: 140006
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.9 25.2 37.8#

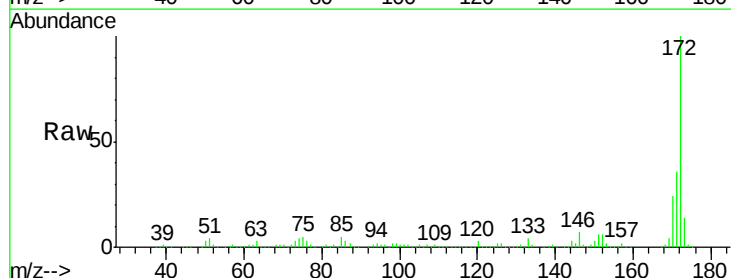


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

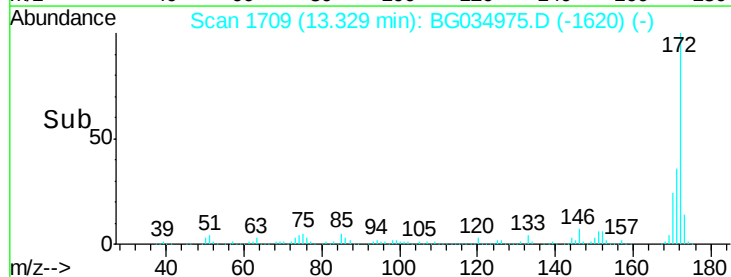
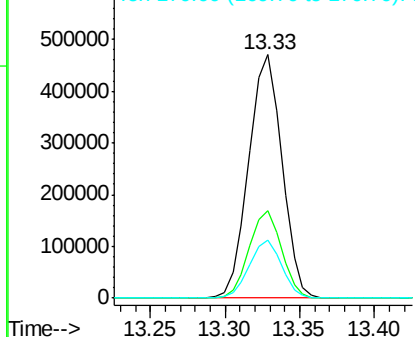


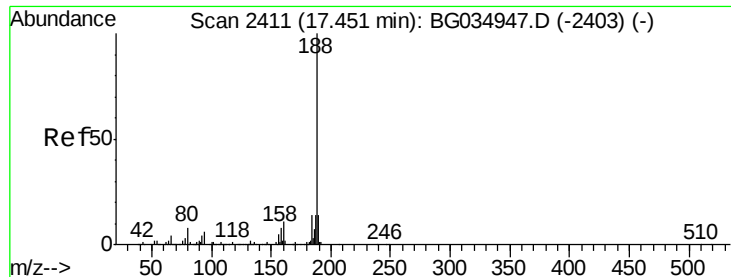
#44
 2-Fluorobiphenyl
 Concen: 85.723 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034975.D
 Acq: 8 Jun 2018 6:31

Tgt Ion:172 Resp: 722195
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 23.9 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

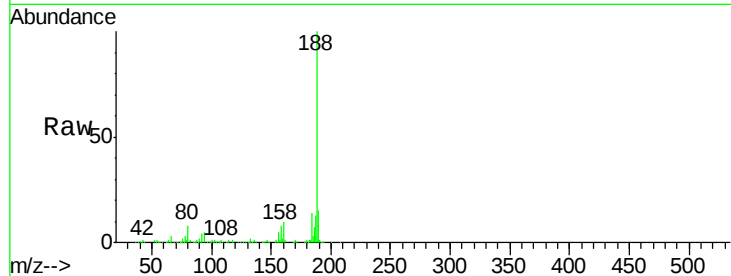
Tot Ion:188 Resp: 301552

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

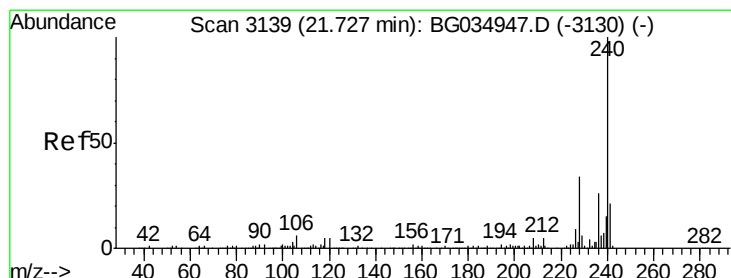
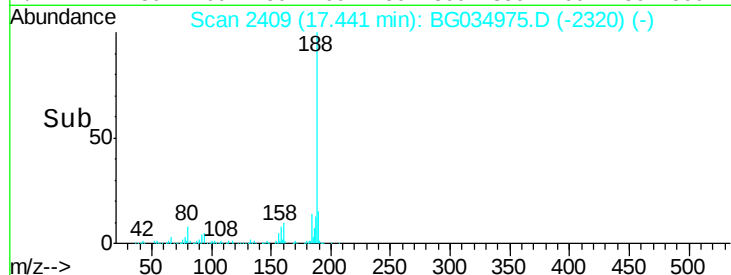
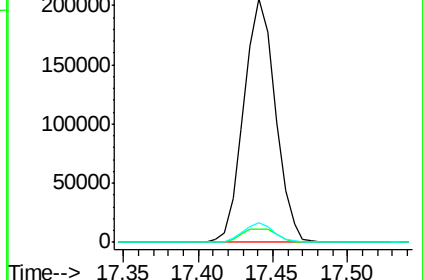
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

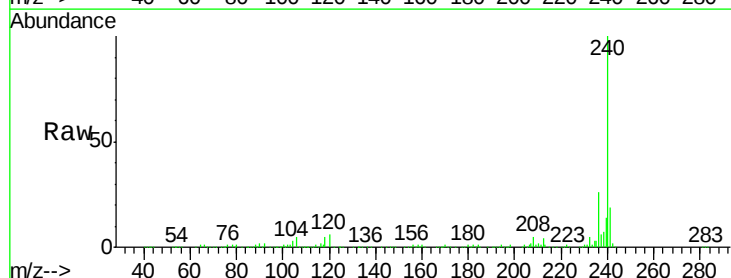
Tgt Ion:240 Resp: 334246

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

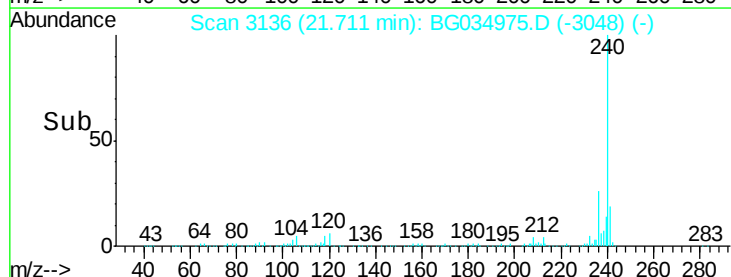
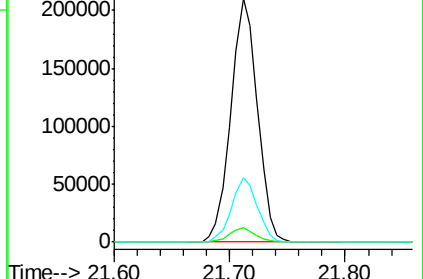
236 26.4 20.9 31.3

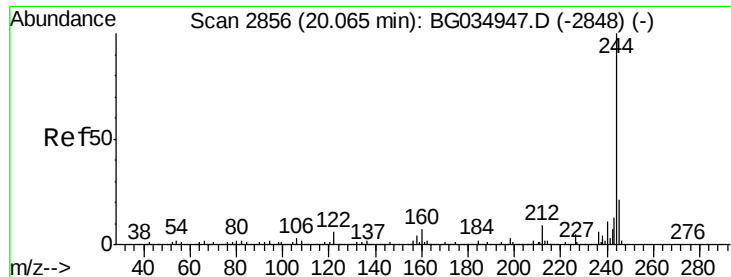


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.810 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

Instrument :

BNA_G

ClientSampleId :

PB110005BL

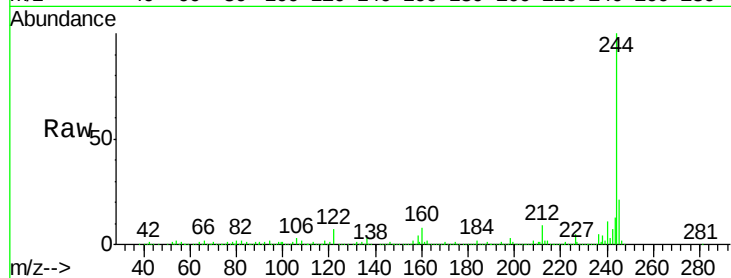
Tot Ion:244 Resp: 1401173

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

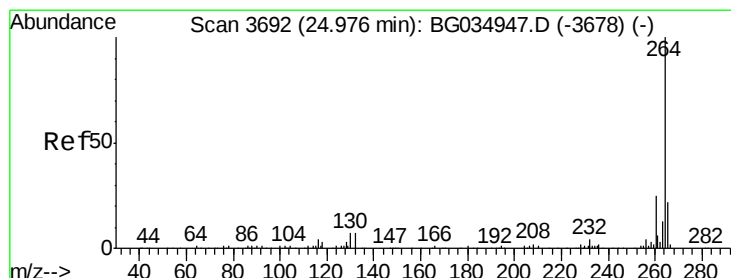
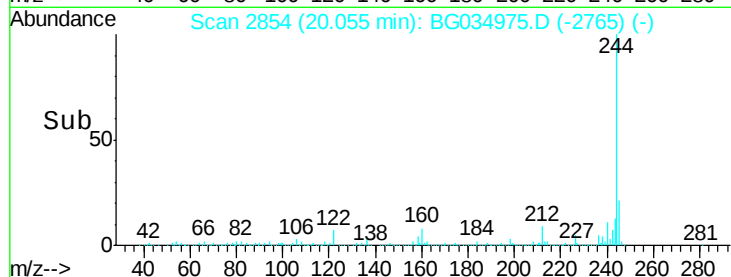
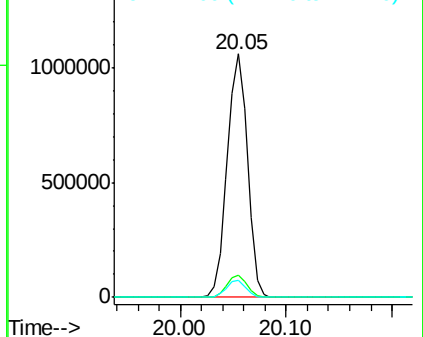
122 7.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3688

Delta R.T. -0.03 min

Lab File: BG034975.D

Acq: 8 Jun 2018 6:31

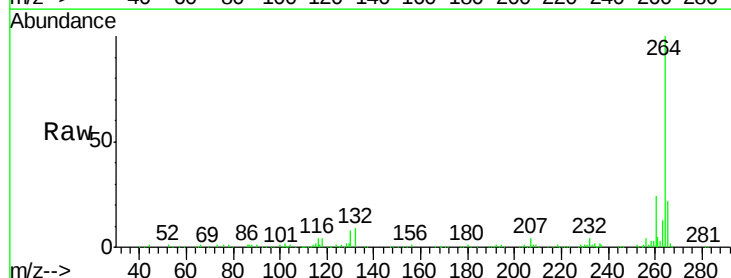
Tgt Ion:264 Resp: 321812

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.2 17.7 26.5



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

