

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038975.D
 Acq On : 7 Jan 2019 20:30
 Operator : JU/SJ
 Sample : K1036-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-U

Quant Time: Jan 08 03:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

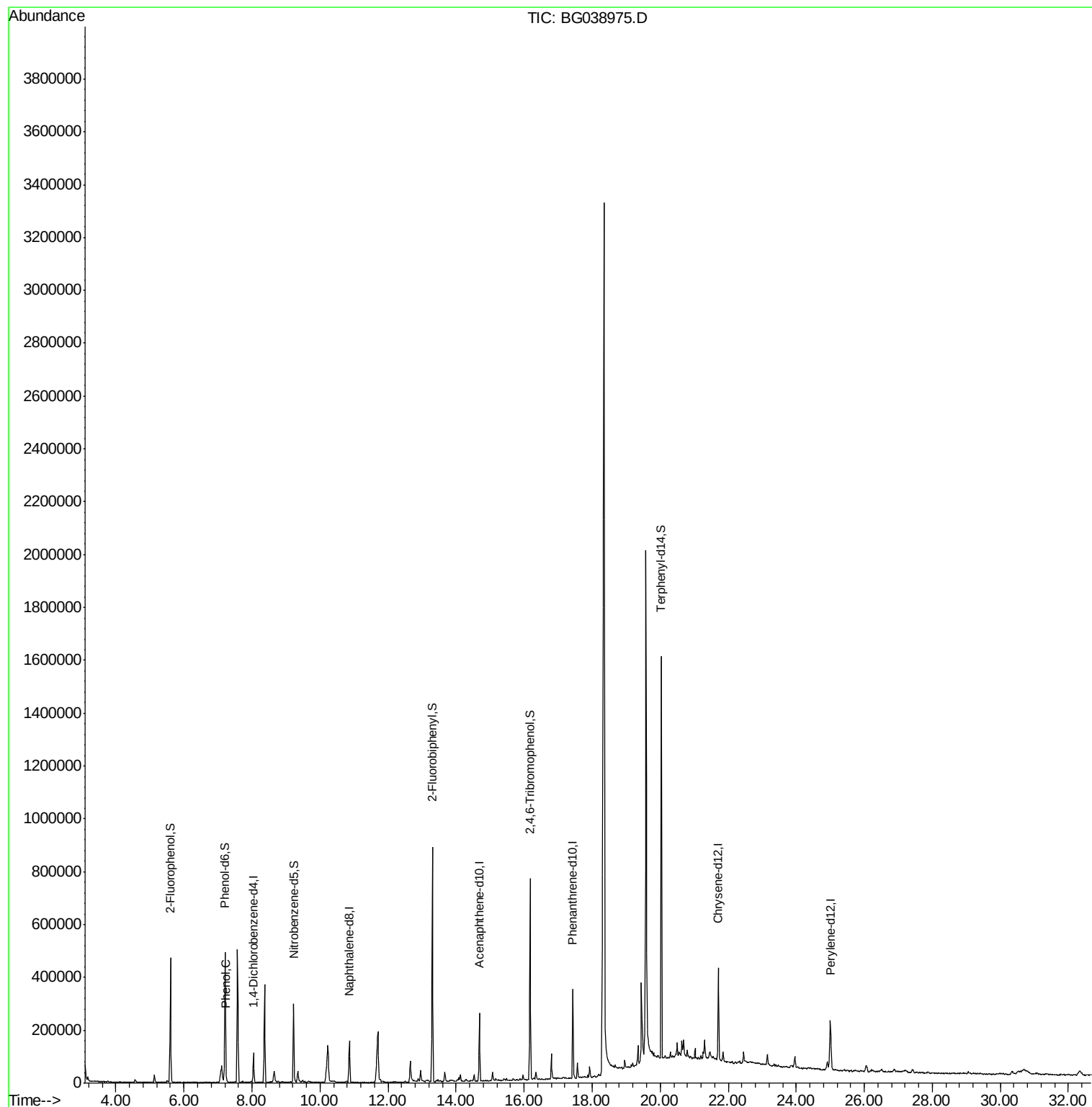
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34126	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	137140	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	93098	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	217924	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	212104	20.00	ng	-0.01
87) Perylene-d12	25.00	264	226830	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	207083	107.63	ng	0.00
7) Phenol-d6	7.21	99	292843	110.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	178205	66.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	163183	127.18	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	487130	71.78	ng	-0.02
79) Terphenyl-d14	20.03	244	775767	79.60	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	5838	2.080	ng	Qvalue 82

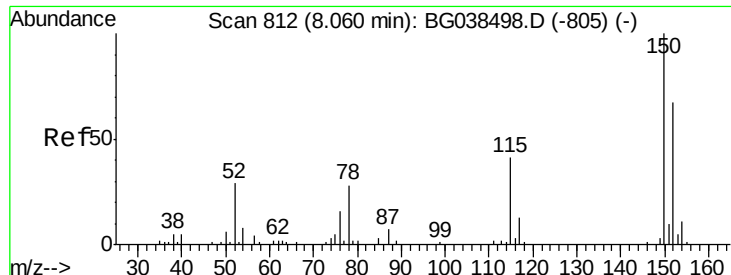
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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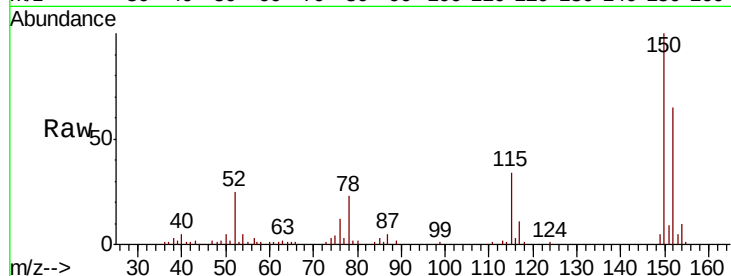


#1

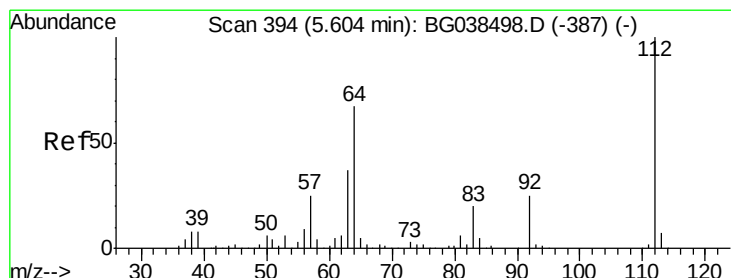
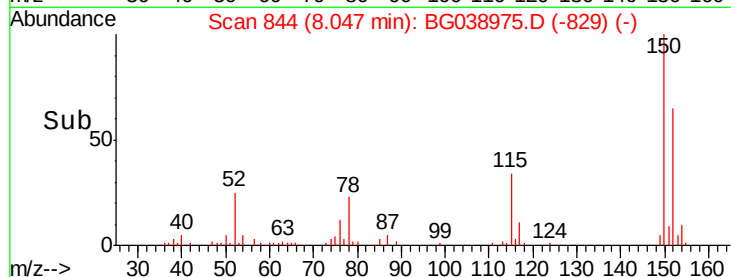
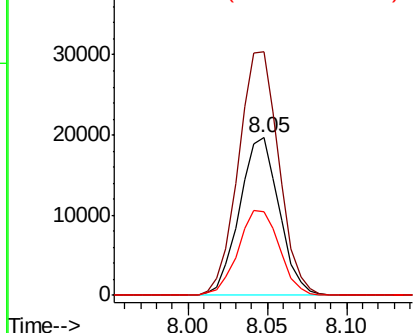
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038975.D
Acq: 7 Jan 2019 20:30

Instrument :
BNA_G
ClientSampled :
13-U

Tot Ion:152 Resp: 34126
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 52.8 49.6 74.4



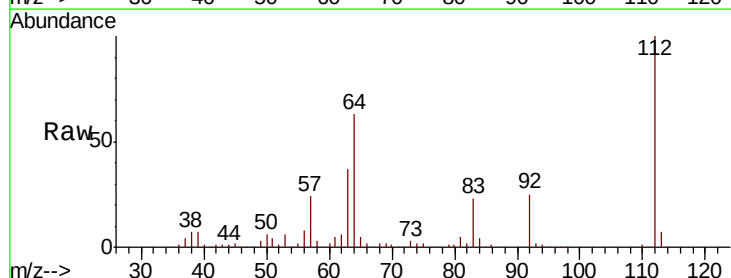
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



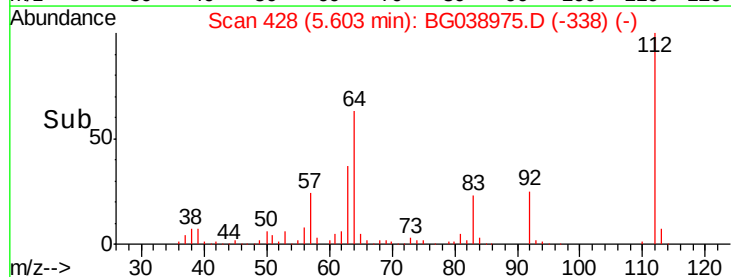
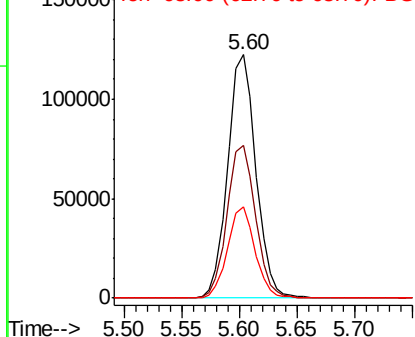
#5

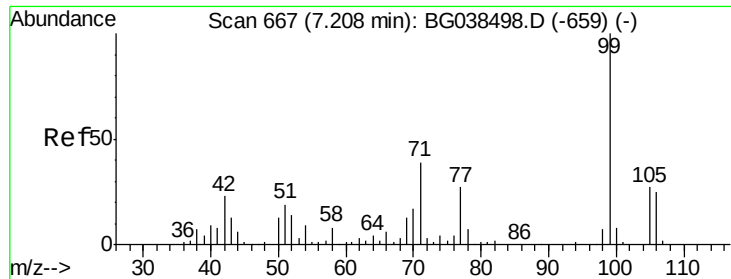
2-Fluorophenol
Concen: 107.629 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038975.D
Acq: 7 Jan 2019 20:30

Tgt Ion:112 Resp: 207083
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 37.2 29.3 43.9



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: 110.869 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038975.D

Acq: 7 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

13-U

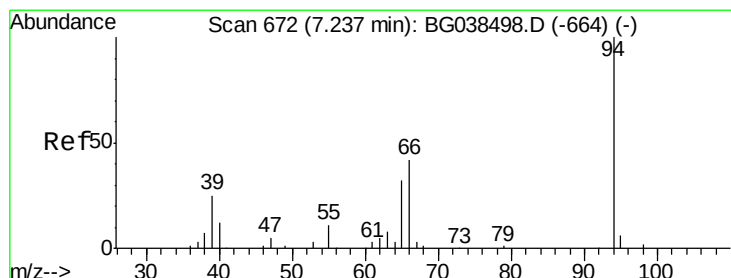
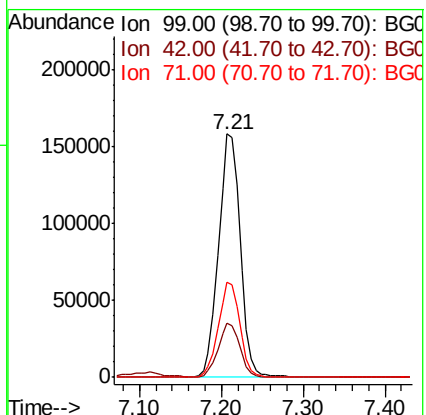
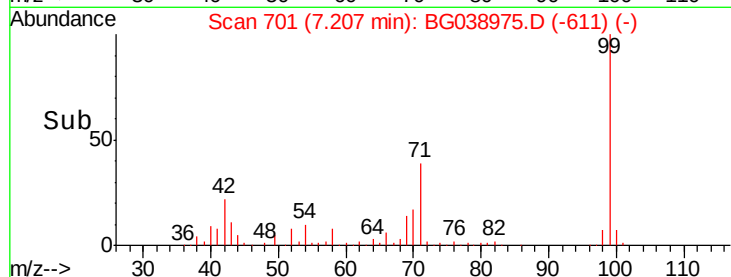
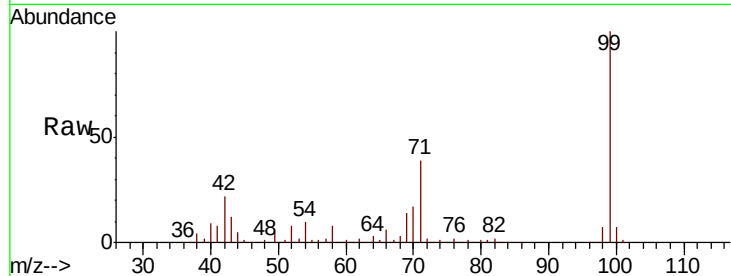
Tot Ion: 99 Resp: 292843

Ion Ratio Lower Upper

99 100

42 22.3 18.5 27.7

71 39.0 31.1 46.7



#10

Phenol

Concen: 2.080 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038975.D

Acq: 7 Jan 2019 20:30

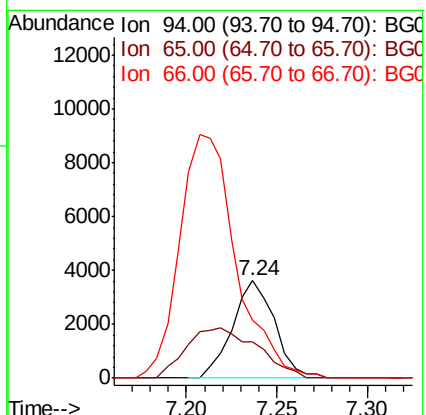
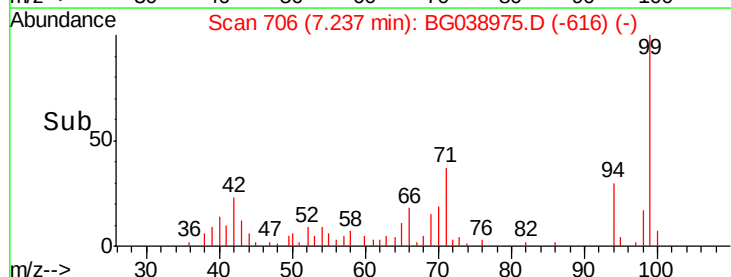
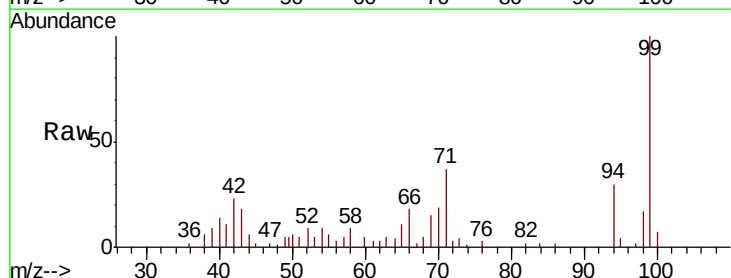
Tgt Ion: 94 Resp: 5838

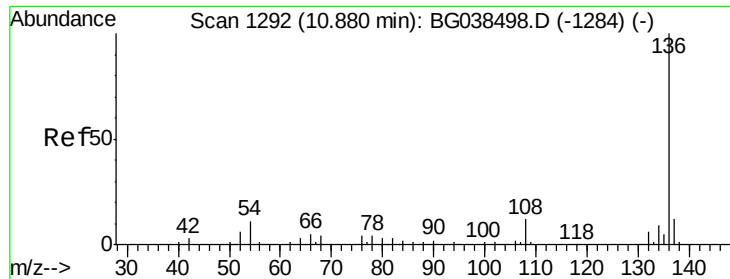
Ion Ratio Lower Upper

94 100

65 37.5 12.6 52.6

66 59.8 24.1 64.1

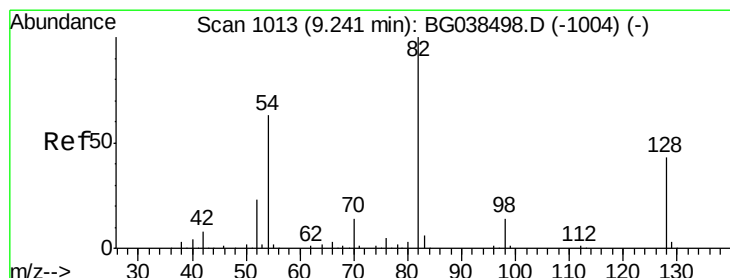
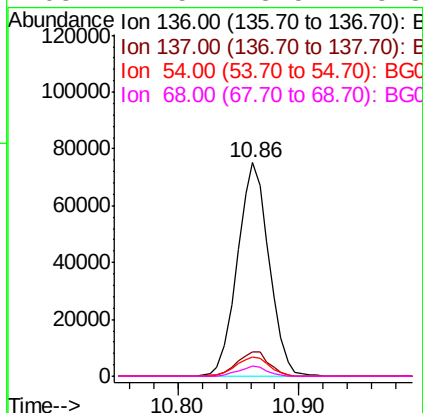
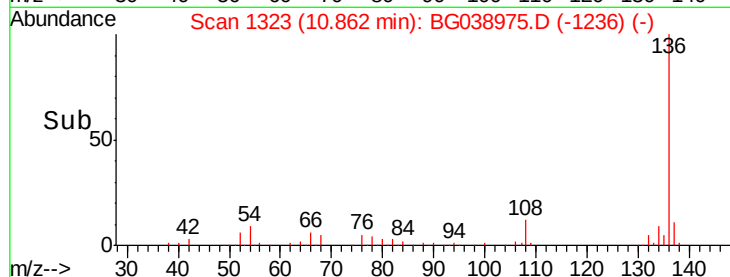
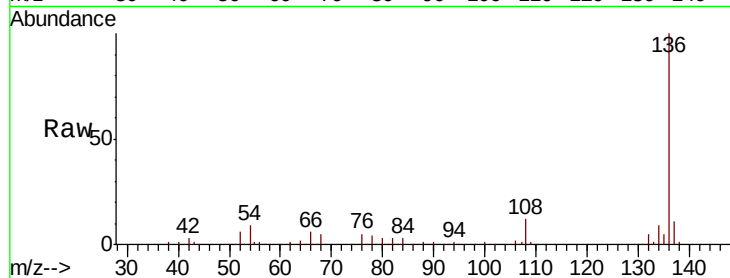




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038975.D
Acq: 7 Jan 2019 20:30

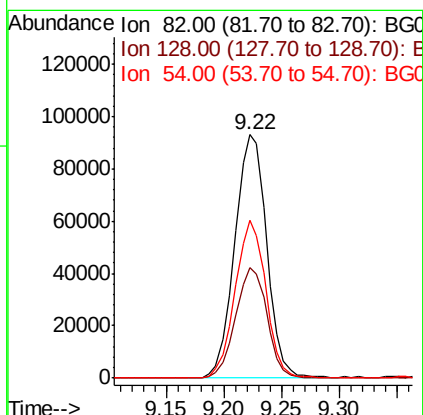
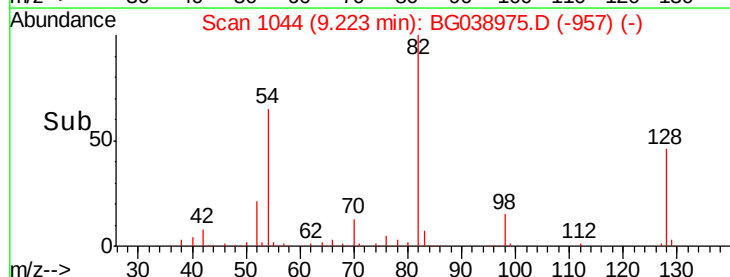
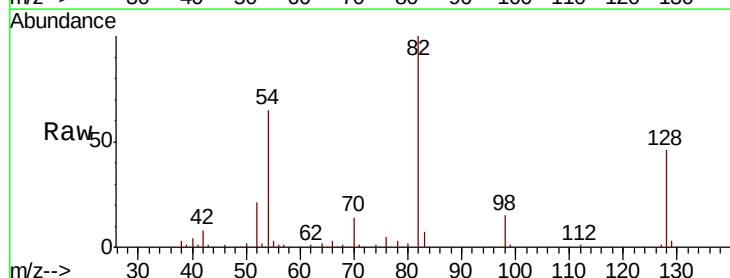
Instrument :
BNA_G
ClientSampleId :
13-U

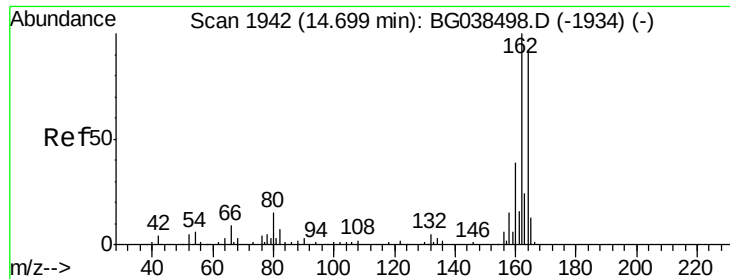
Tot Ion:136	Resp:	137140
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.3	13.9
54 9.2	8.5	12.7
68 4.5	3.5	5.3



#23
Nitrobenzene-d5
Concen: 66.385 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038975.D
Acq: 7 Jan 2019 20:30

Tgt	Ion: 82	Resp:	178205
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	65.1	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038975.D

Acq: 7 Jan 2019 20:30

Instrument :

BNA_G

ClientSampleId :

13-U

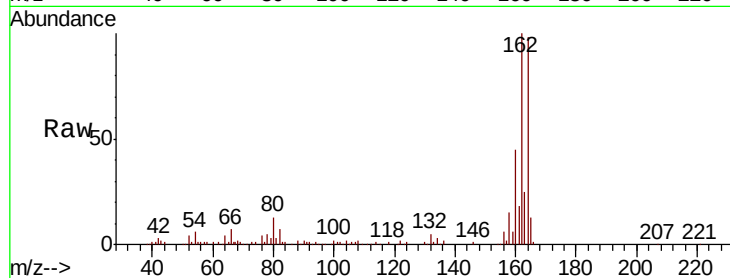
Tot Ion:164 Resp: 93098

Ion Ratio Lower Upper

164 100

162 101.7 86.6 130.0

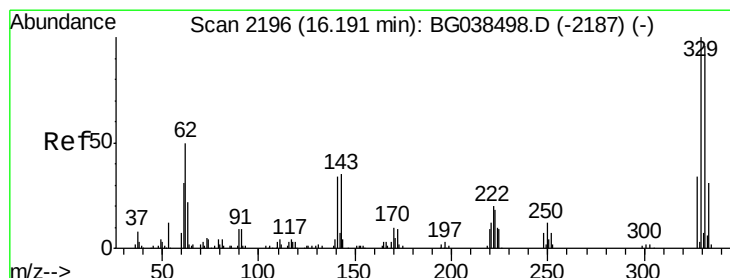
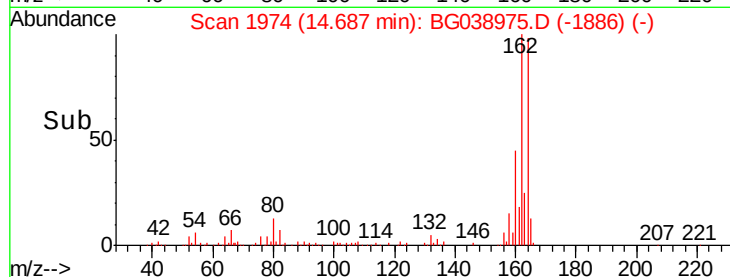
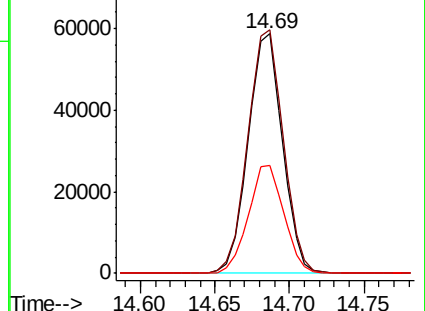
160 45.3 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 127.183 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038975.D

Acq: 7 Jan 2019 20:30

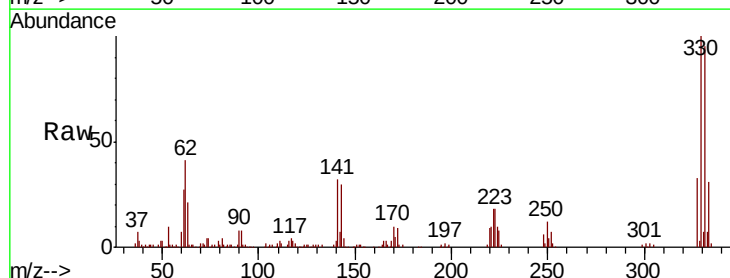
Tgt Ion:330 Resp: 163183

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

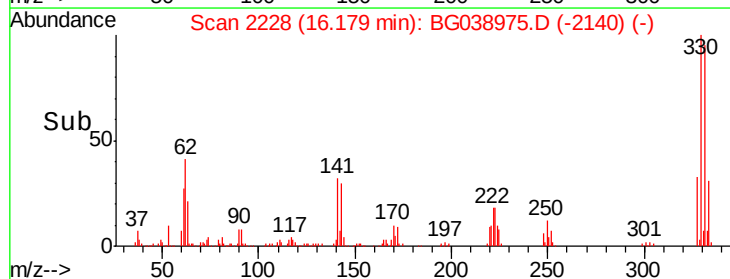
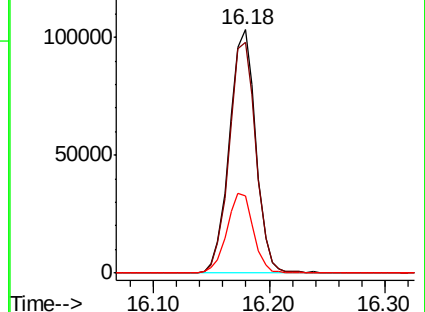
141 33.0 28.8 43.2

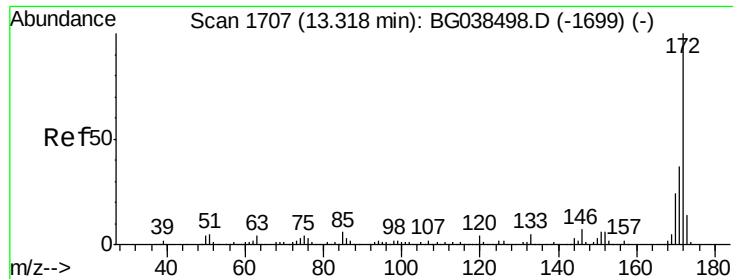


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

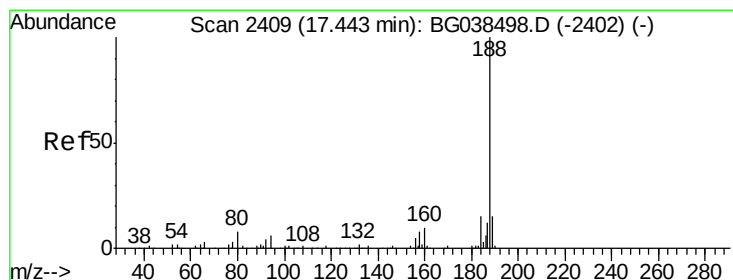
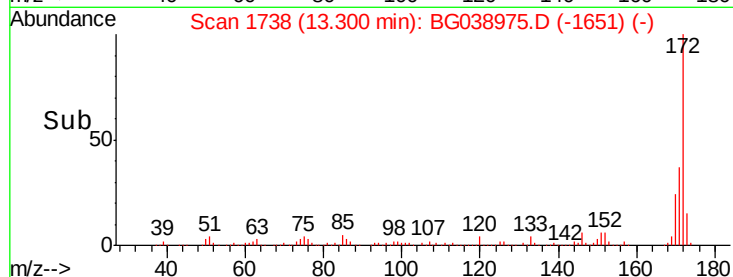
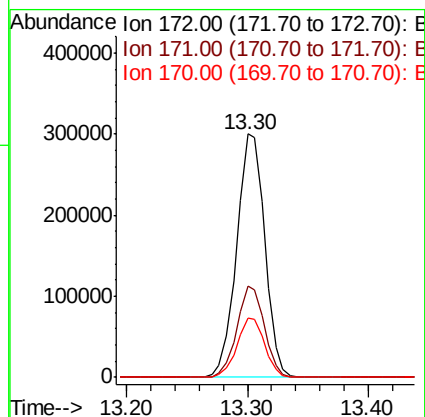
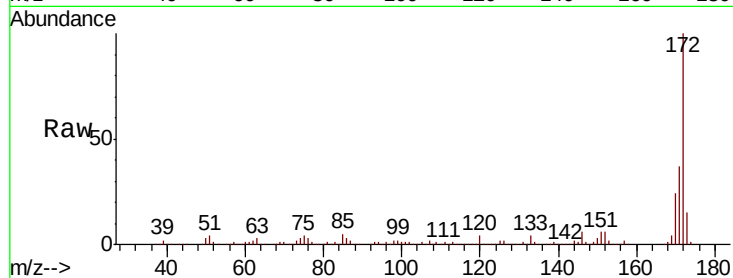




#45
 2-Fluorobiphenyl
 Concen: 71.781 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038975.D
 Acq: 7 Jan 2019 20:30

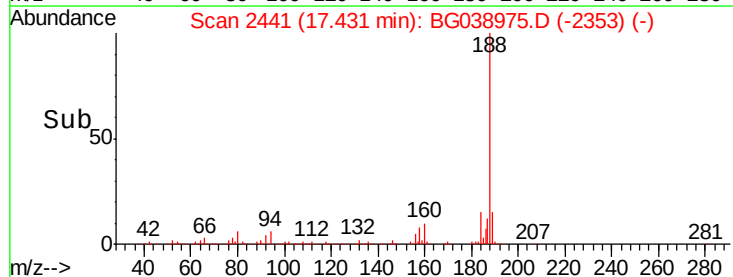
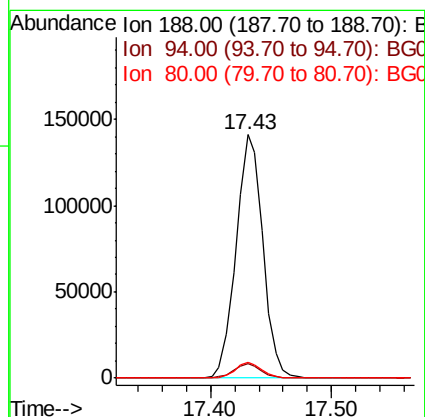
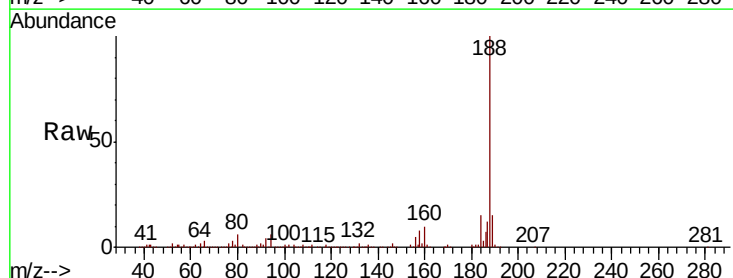
Instrument :
 BNA_G
 ClientSampleId :
 13-U

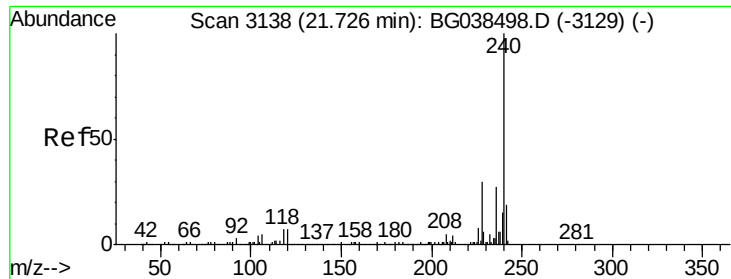
Tot Ion:172 Resp: 487130
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 24.3 19.5 29.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG038975.D
 Acq: 7 Jan 2019 20:30

Tgt Ion:188 Resp: 217924
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 6.3 6.1 9.1

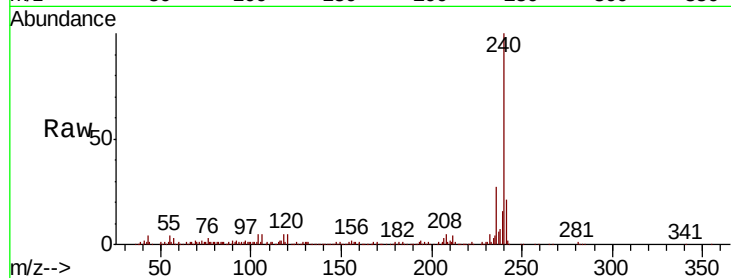




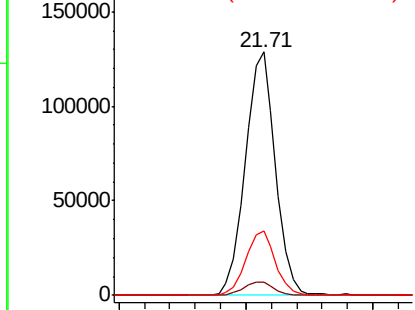
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038975.D
 Acq: 7 Jan 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 13-U

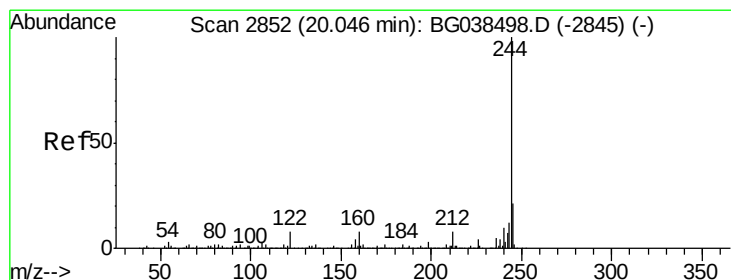
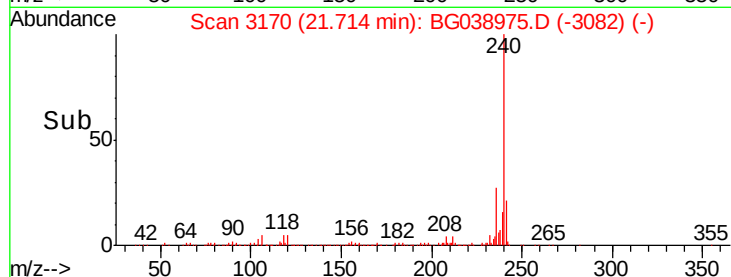
Tot Ion:240 Resp: 212104
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.3 7.9
 236 26.6 21.4 32.2



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

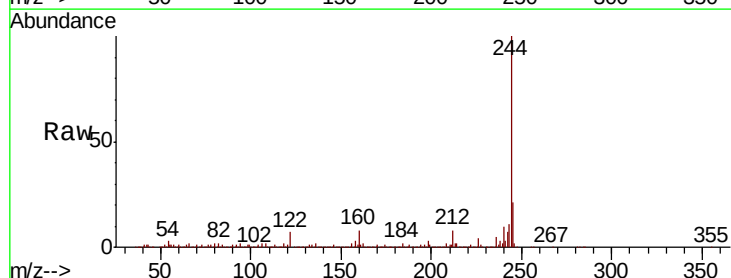


Time--> 21.60 21.70 21.80

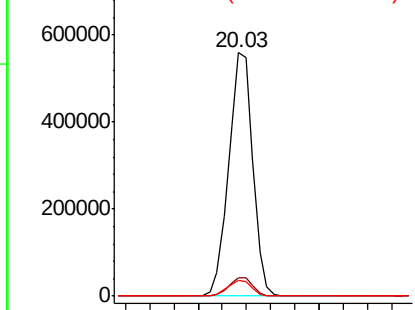


#79
 Terphenyl-d14
 Concen: 79.599 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038975.D
 Acq: 7 Jan 2019 20:30

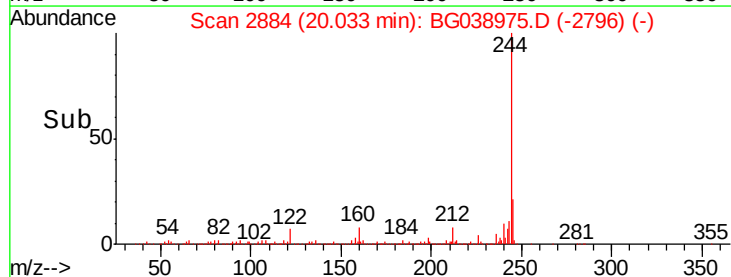
Tgt Ion:244 Resp: 775767
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 6.6 6.3 9.5

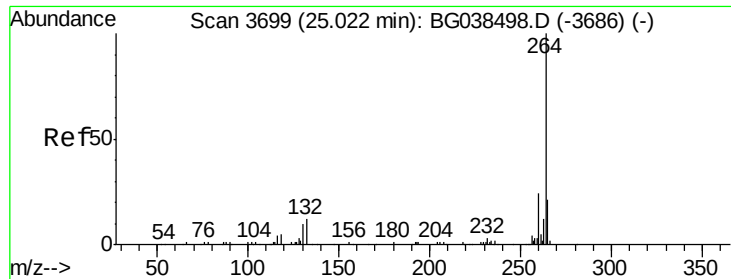


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10

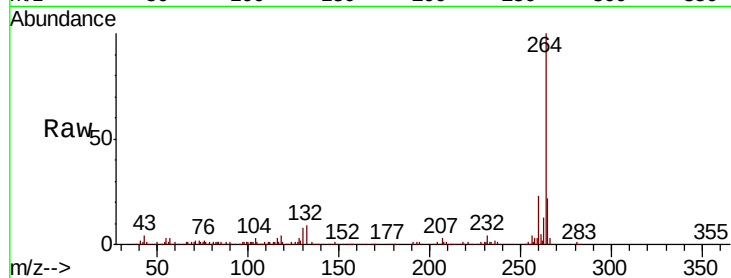




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038975.D
Acq: 7 Jan 2019 20:30

Instrument :
BNA_G
ClientSampleId :
13-U

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.3	17.0	25.4



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

