

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035248.D
 Acq On : 19 Jun 2018 11:23
 Operator : SJ/JU
 Sample : J3538-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-T-4-STONE

Quant Time: Jun 19 12:06:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

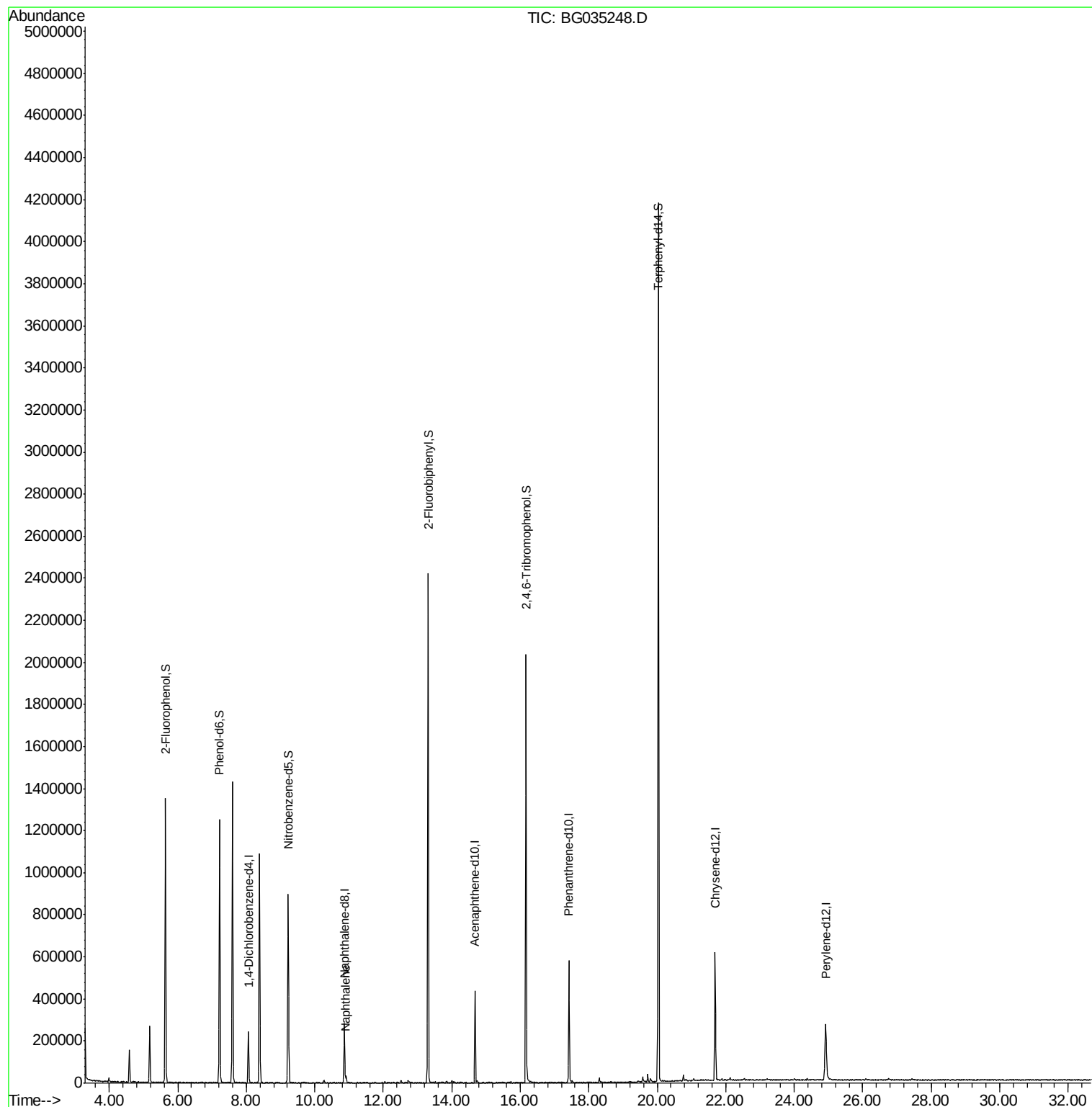
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	66297	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	230126	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	151396	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	384136	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	394325	20.00	ng	-0.02
86) Perylene-d12	24.92	264	292736	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	579396	147.49	ng	0.00
7) Phenol-d6	7.22	99	754220	130.08	ng	0.00
23) Nitrobenzene-d5	9.23	82	604885	124.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	387599	199.99	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1308671	112.37	ng	-0.02
78) Terphenyl-d14	20.04	244	1954072	103.80	ng	-0.01
Target Compounds						
31) Naphthalene	10.92	128	24749	2.070	ng	Qvalue # 91

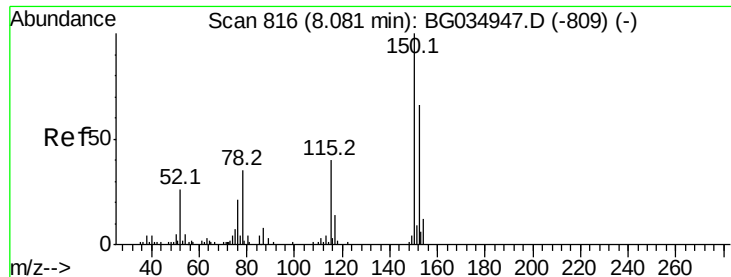
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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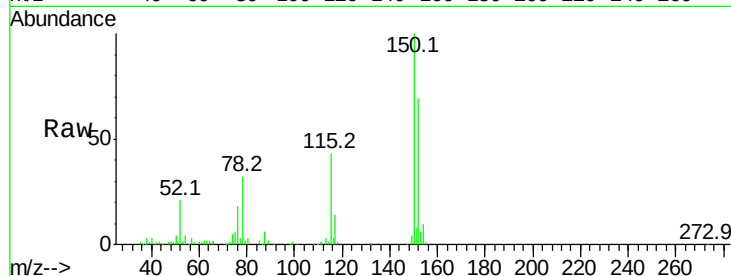


#1

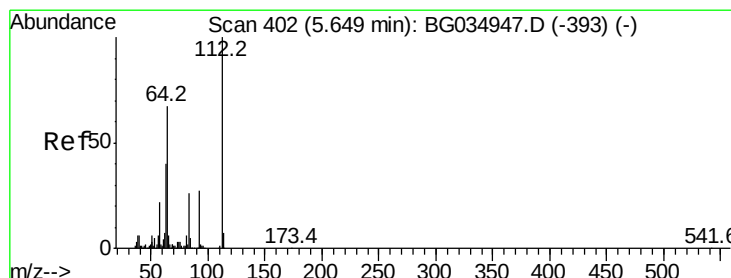
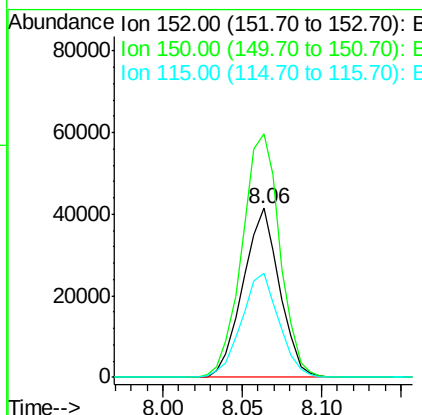
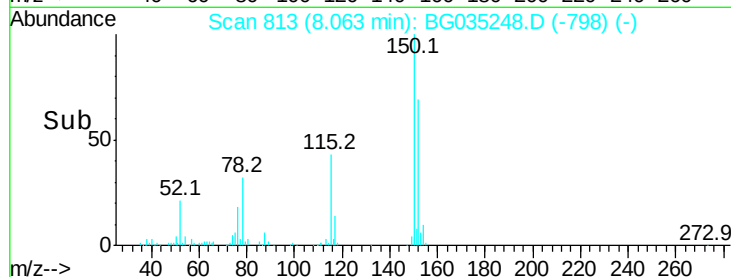
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035248.D
Acq: 19 Jun 2018 11:23

Instrument :
BNA_G
ClientSampleId :
SS-T-4-STONE

Tot Ion	152	Resp	66297
Ion Ratio	Lower	Upper	
152	100		
150	144.0	126.6	189.8
115	61.3	53.0	79.4



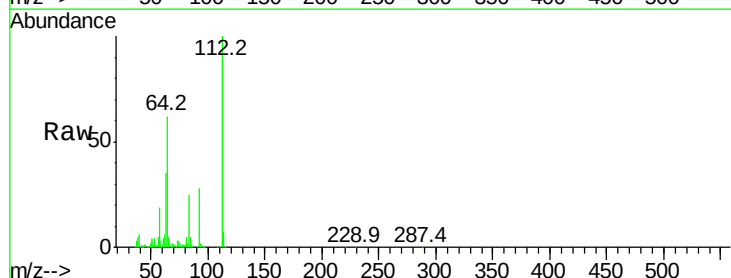
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



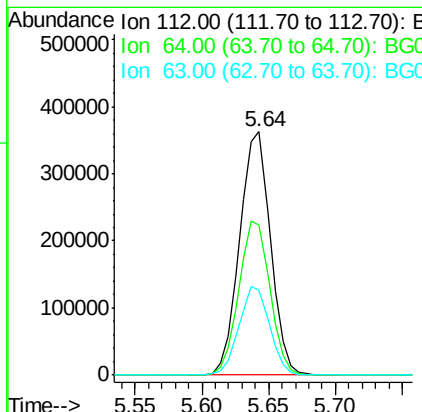
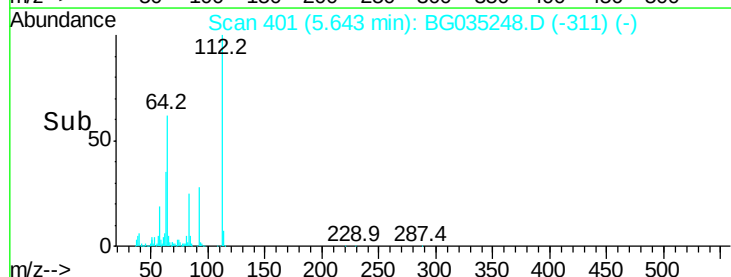
#5

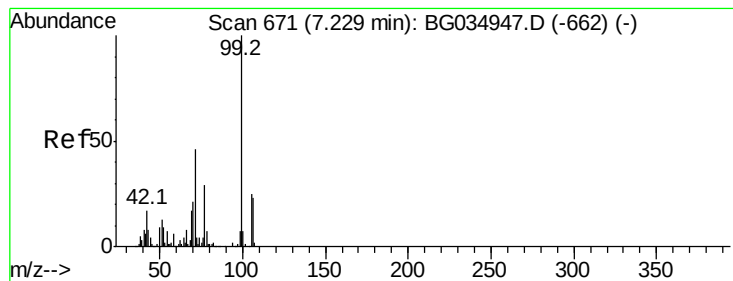
2-Fluorophenol
Concen: 147.487 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035248.D
Acq: 19 Jun 2018 11:23

Tgt Ion	112	Resp	579396
Ion Ratio	Lower	Upper	
112	100		
64	61.9	56.3	84.5
63	34.7	30.1	45.1



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: 130.079 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

SS-T-4-STONE

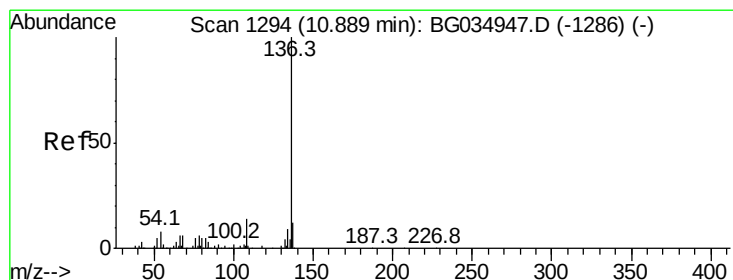
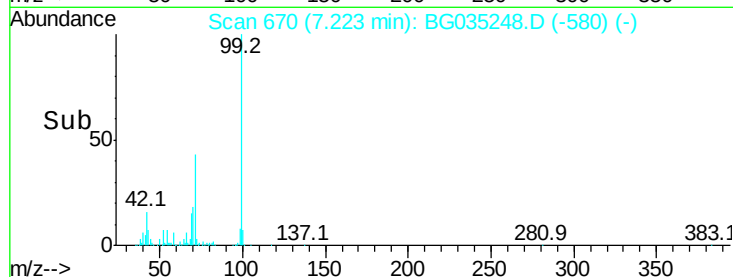
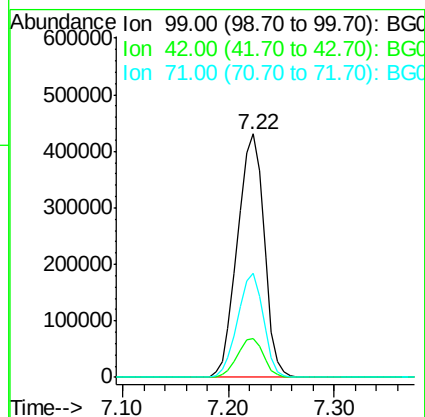
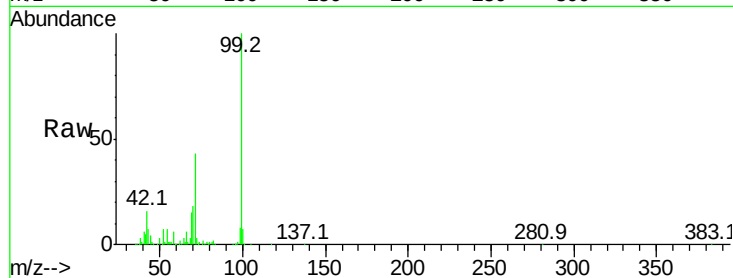
Tot Ion: 99 Resp: 754220

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 42.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

Tgt Ion: 136 Resp: 230126

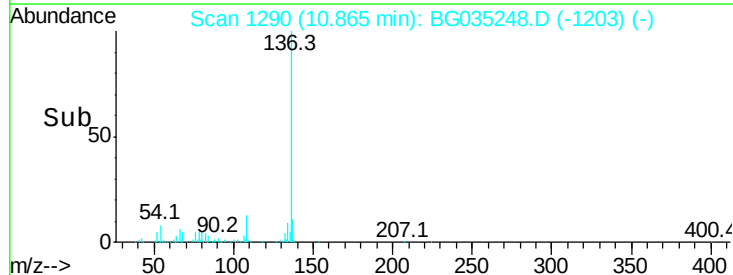
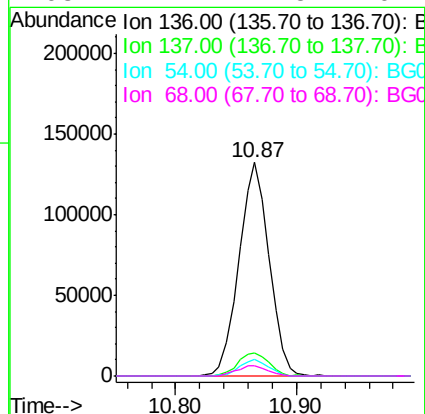
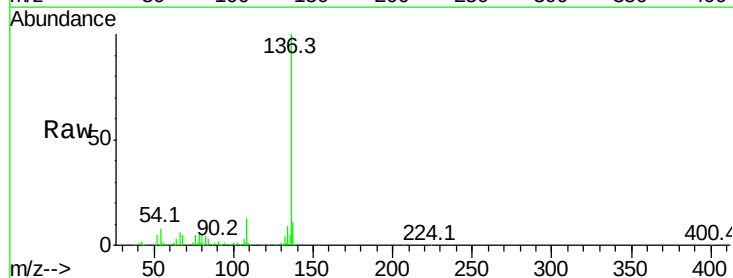
Ion Ratio Lower Upper

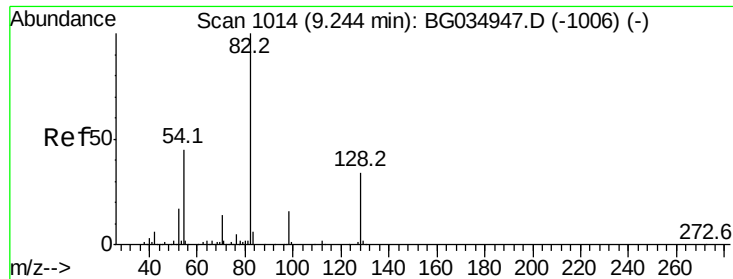
136 100

137 10.5 9.2 13.8

54 8.0 10.3 15.5#

68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 124.944 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

SS-T-4-STONE

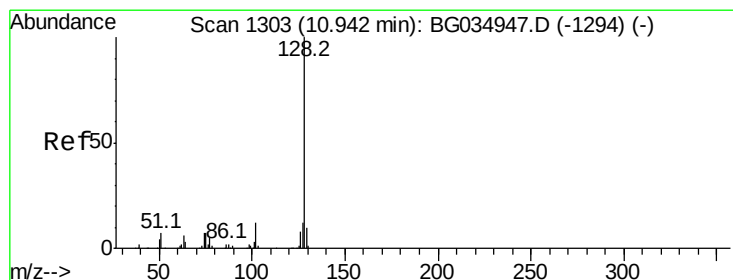
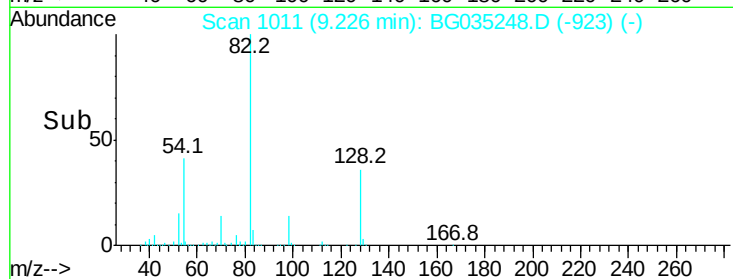
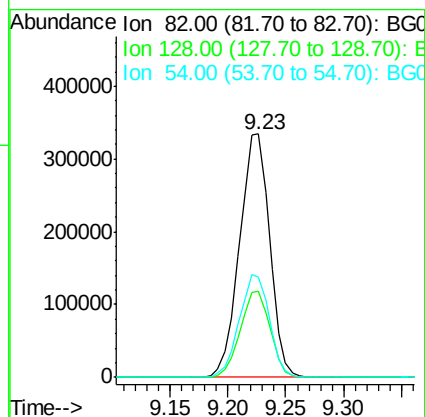
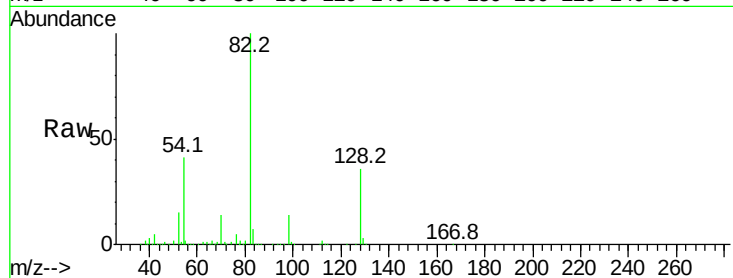
Tot Ion: 82 Resp: 604885

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

54 41.2 43.1 64.7#



#31

Naphthalene

Concen: 2.070 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

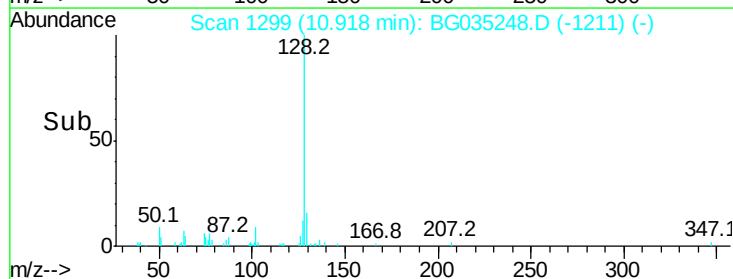
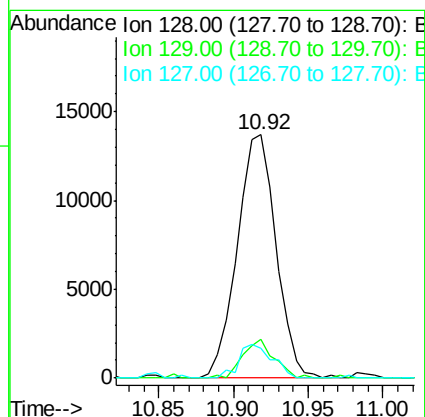
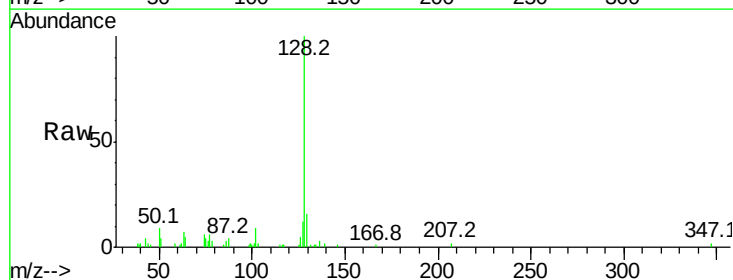
Tgt Ion: 128 Resp: 24749

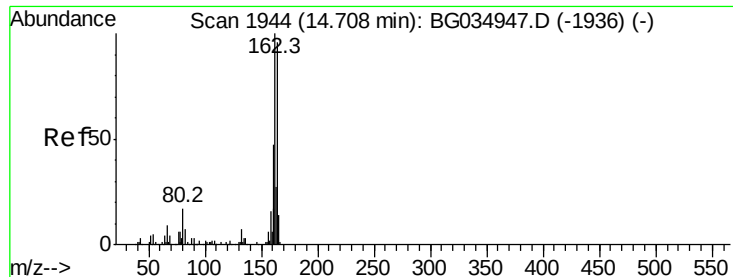
Ion Ratio Lower Upper

128 100

129 15.9 8.6 12.8#

127 12.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

SS-T-4-STONE

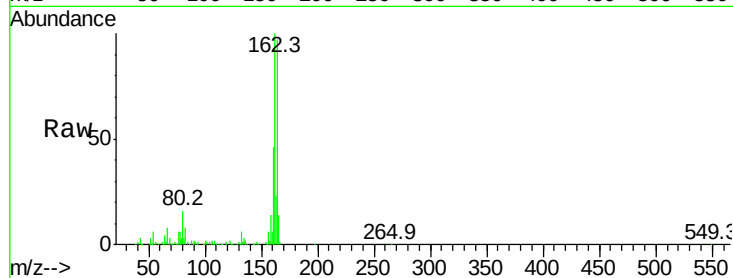
Tot Ion:164 Resp: 151396

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

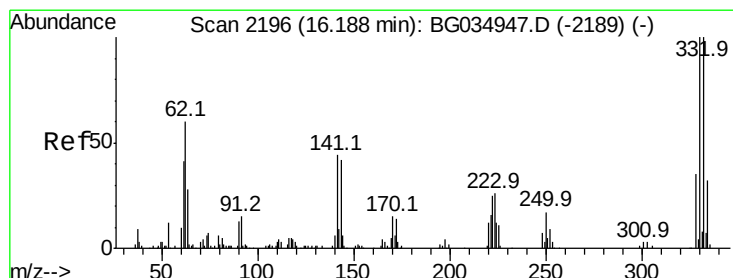
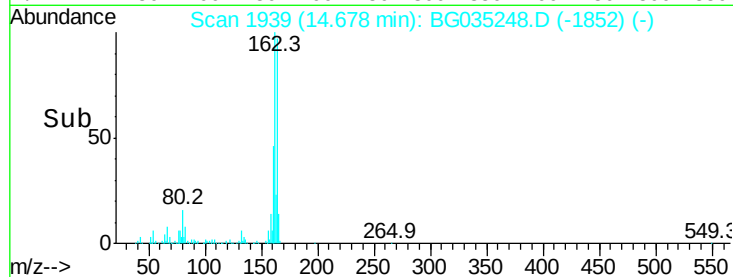
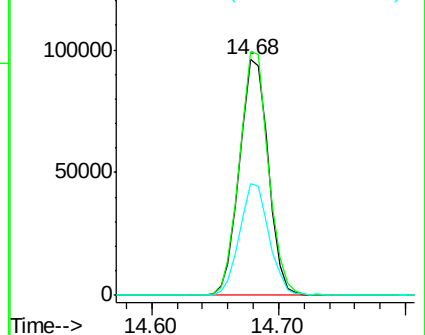
160 47.5 35.4 53.0



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: 199.993 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

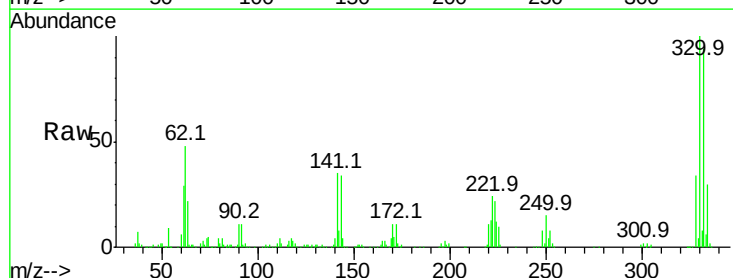
Tgt Ion:330 Resp: 387599

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

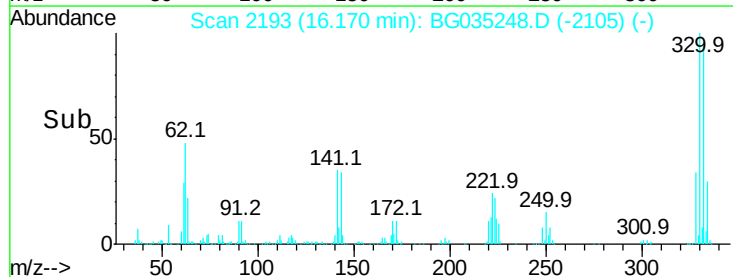
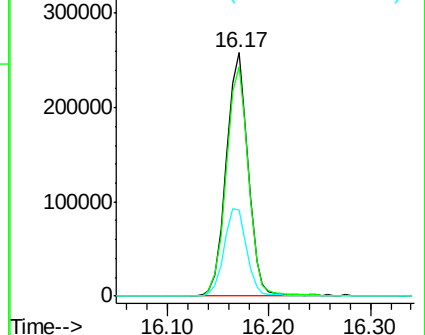
141 37.7 25.2 37.8

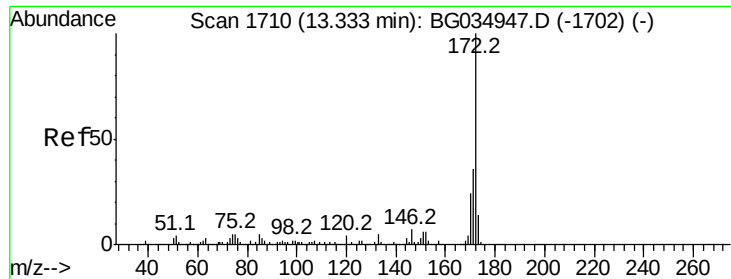


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

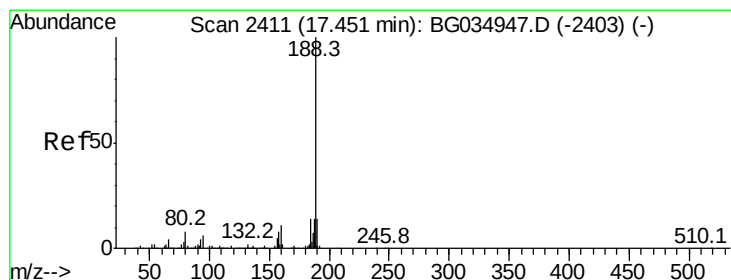
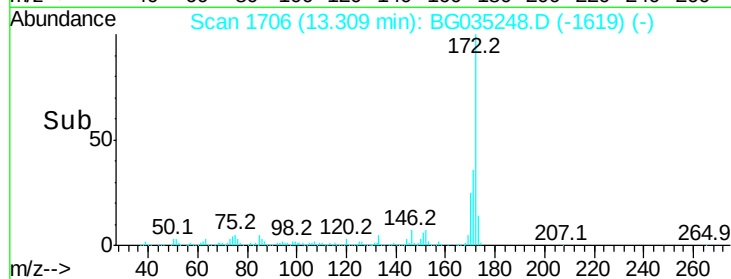
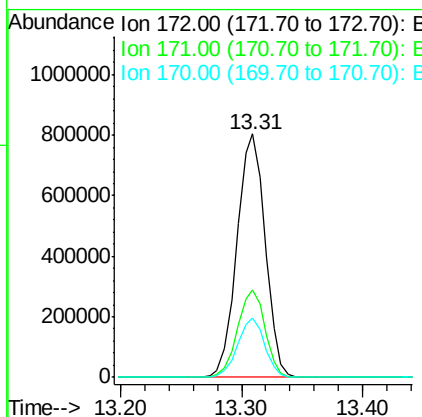
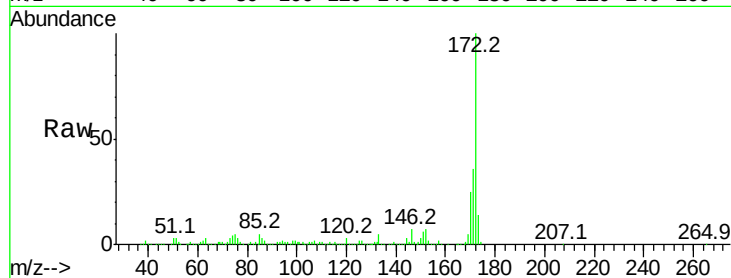




#44
 2-Fluorobiphenyl
 Concen: 112.372 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035248.D
 Acq: 19 Jun 2018 11:23

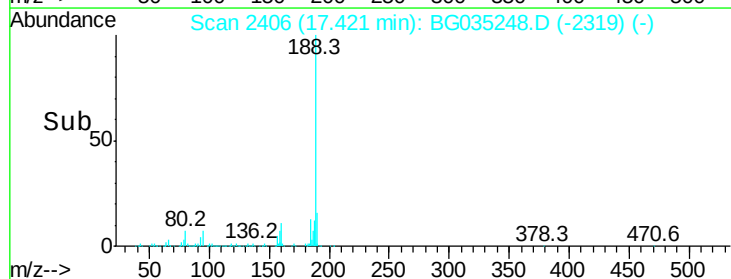
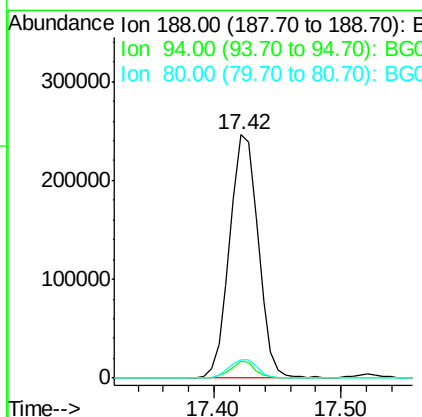
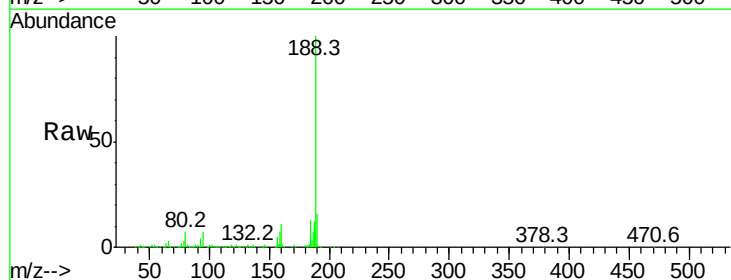
Instrument :
 BNA_G
 ClientSampleId :
 SS-T-4-STONE

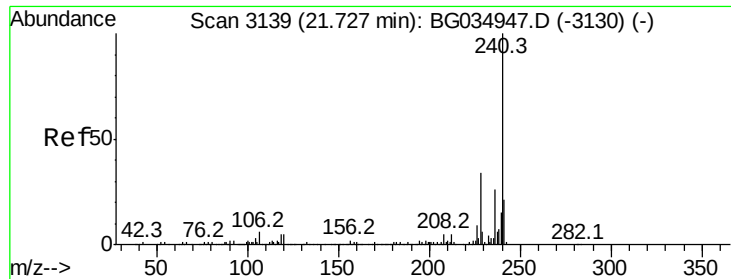
Tot Ion:172 Resp: 1308671
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 24.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035248.D
 Acq: 19 Jun 2018 11:23

Tgt Ion:188 Resp: 384136
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

Instrument :

BNA_G

ClientSampleId :

SS-T-4-STONE

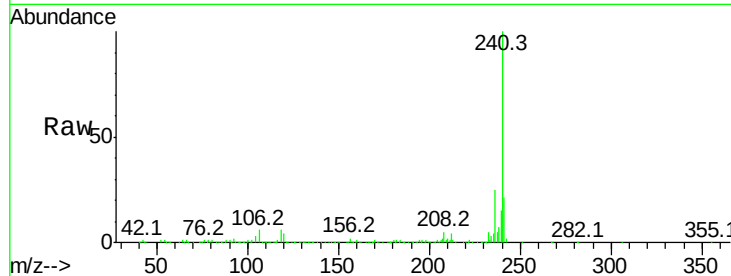
Tot Ion:240 Resp: 394325

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

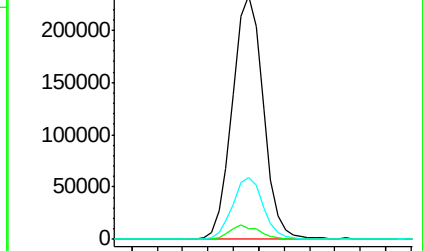
236 25.2 20.9 31.3



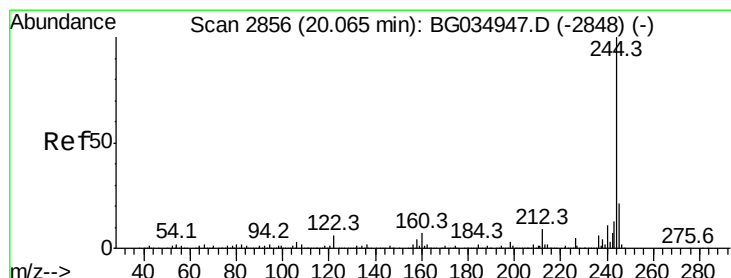
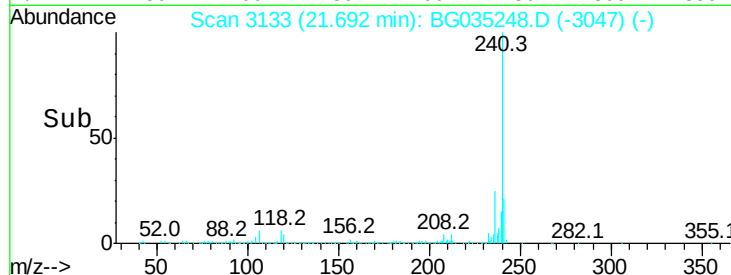
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#78

Terphenyl-d14

Concen: 103.801 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035248.D

Acq: 19 Jun 2018 11:23

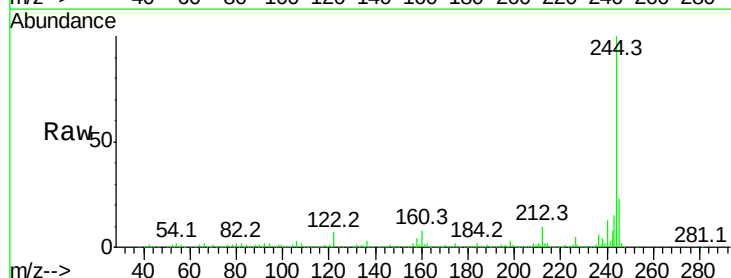
Tgt Ion:244 Resp: 1954072

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

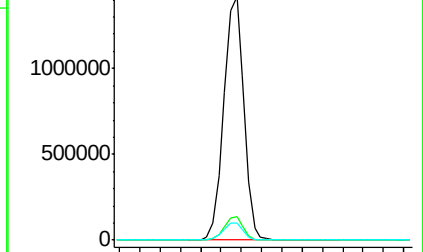
122 7.2 7.0 10.4



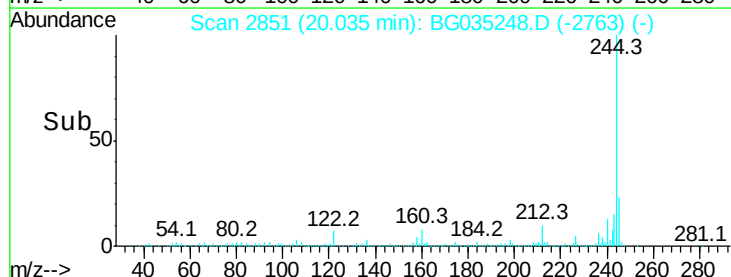
Abundance Ion 244.00 (243.70 to 244.70): E

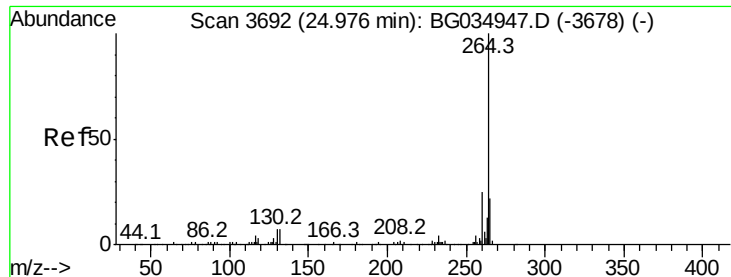
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10

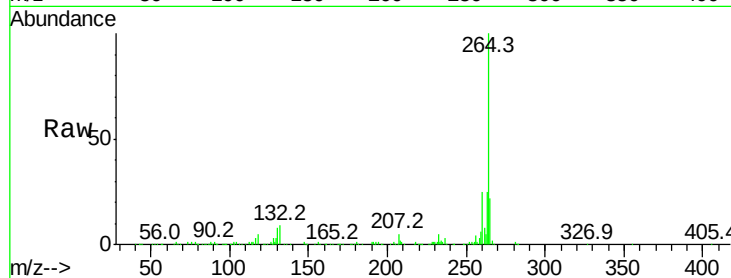




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035248.D
 Acq: 19 Jun 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 SS-T-4-STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.0	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

