

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035471.D
 Acq On : 28 Jun 2018 8:31
 Operator : JU/SJ
 Sample : J3242-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-A

Quant Time: Jun 28 10:54:44 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	8.05	152	46502	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	172247	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	118263	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	318290	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	353225	20.00	ng	-0.04
86) Perylene-d12	24.90	264	316652	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	438507	159.14	ng	-0.01
7) Phenol-d6	7.22	99	598749	147.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	449261	123.98	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	262836	173.61	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	999297	109.85	ng	-0.03
78) Terphenyl-d14	20.02	244	1810366	107.36	ng	-0.03

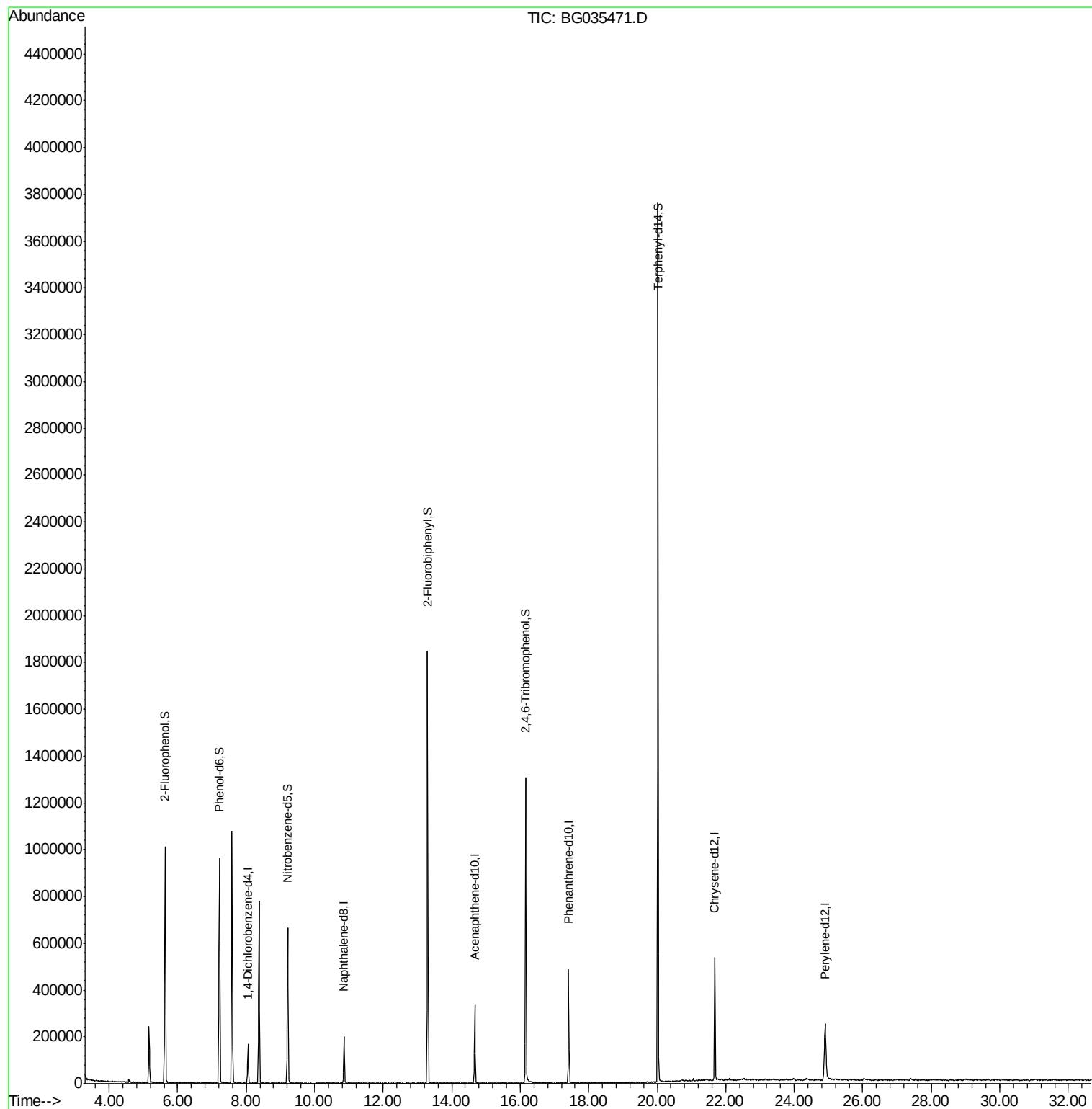
Target Compounds Qvalue

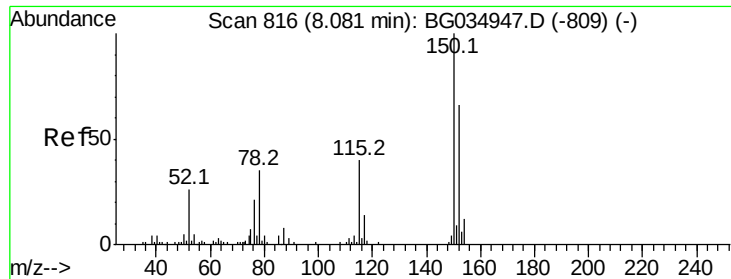
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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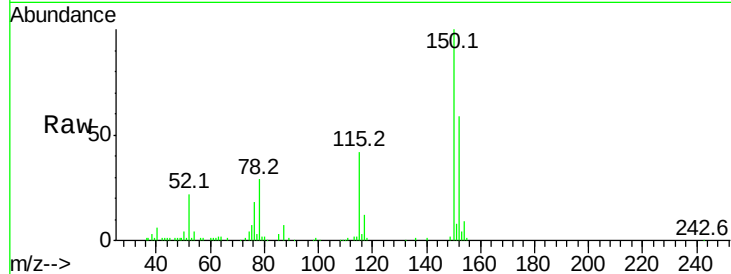


#1

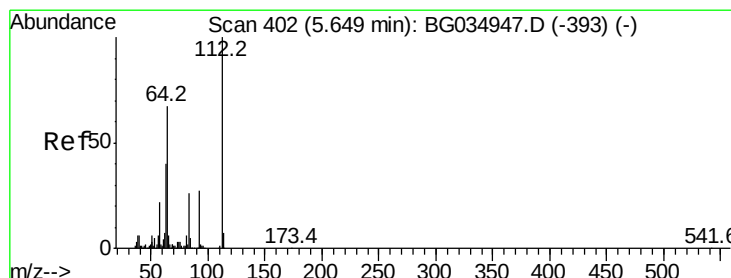
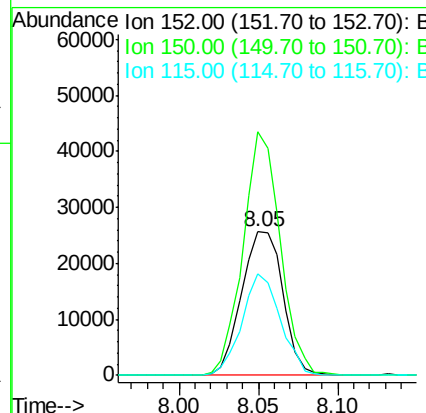
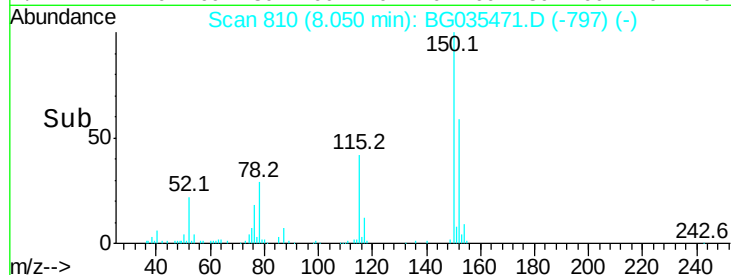
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035471.D
Acq: 28 Jun 2018 8:31

Instrument :
BNA_G
ClientSampleId :
JC-02-062618-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.8	126.6	189.8
115	70.6	53.0	79.4



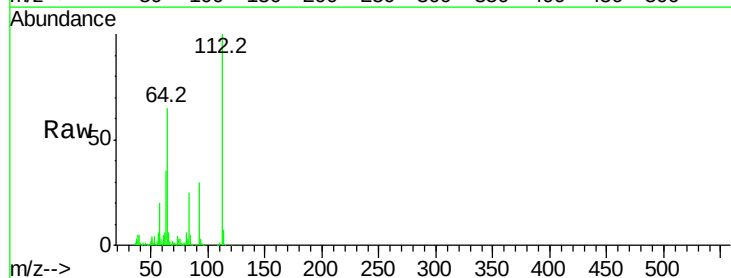
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



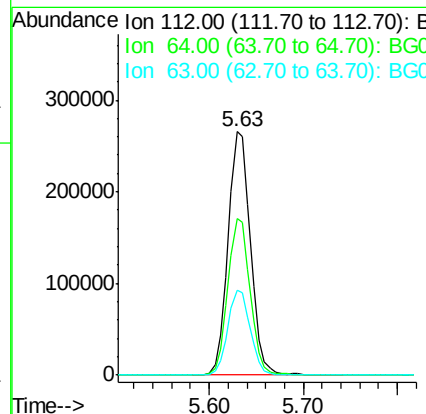
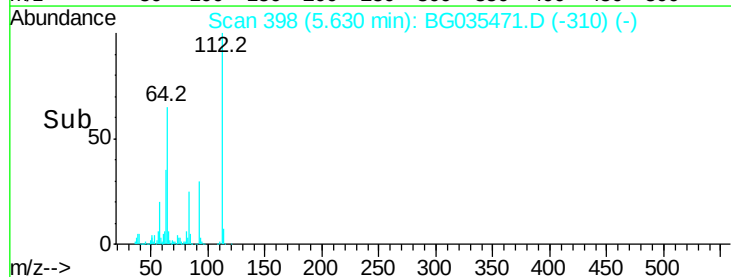
#5

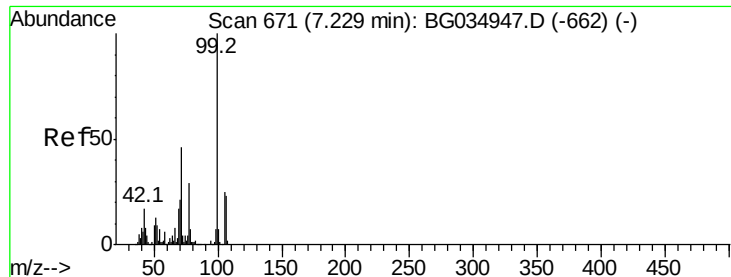
2-Fluorophenol
Concen: 159.139 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035471.D
Acq: 28 Jun 2018 8:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	34.8	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: 147.223 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035471.D

Acq: 28 Jun 2018 8:31

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-A

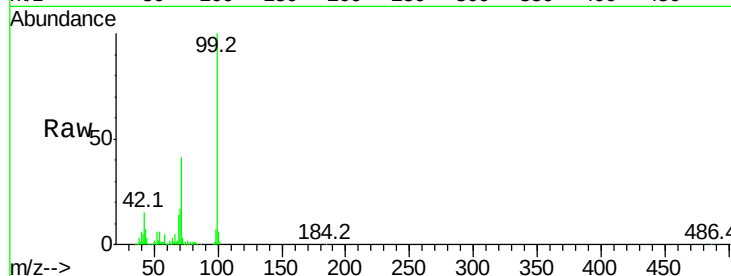
Tot Ion: 99 Resp: 598749

Ion Ratio Lower Upper

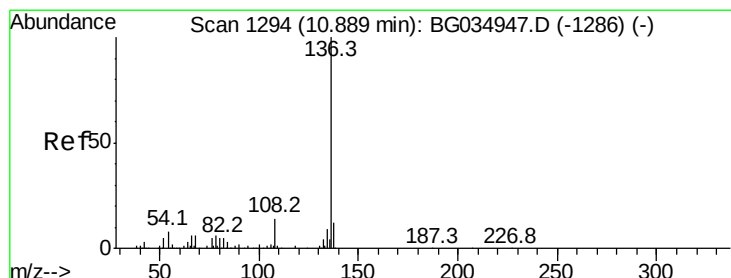
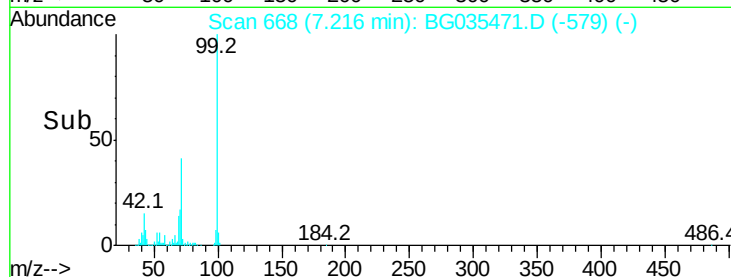
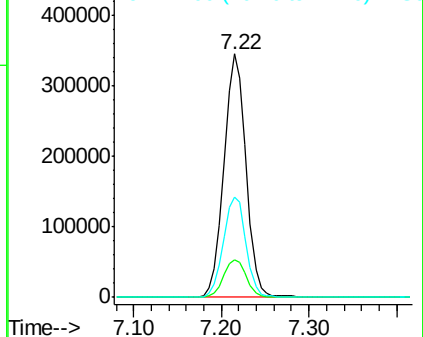
99 100

42 15.4 14.1 21.1

71 41.0 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035471.D

Acq: 28 Jun 2018 8:31

Tgt Ion: 136 Resp: 172247

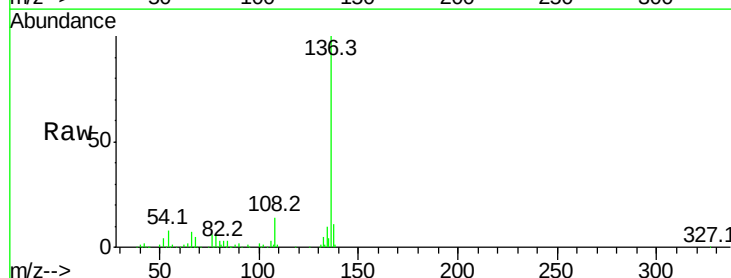
Ion Ratio Lower Upper

136 100

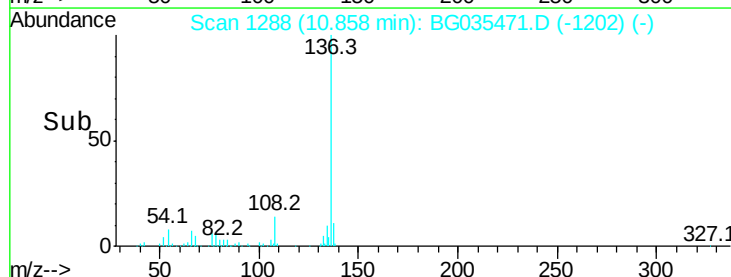
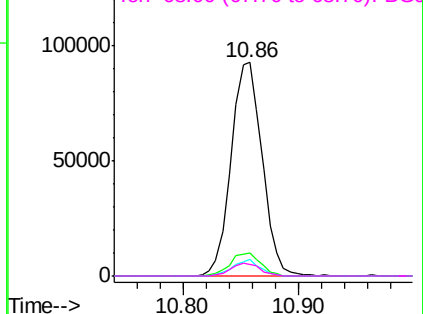
137 11.0 9.2 13.8

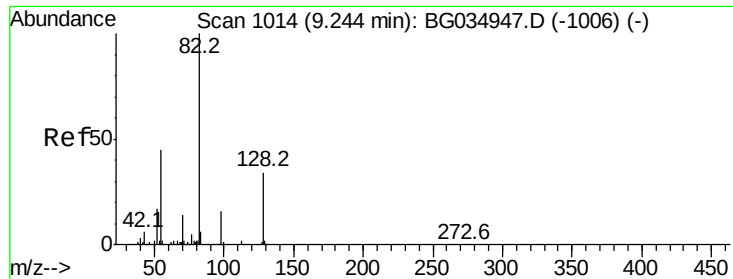
54 8.1 10.3 15.5#

68 5.3 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

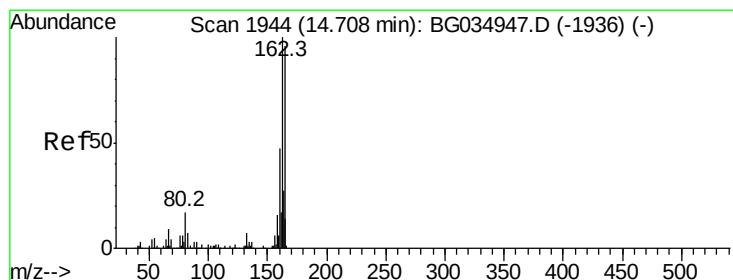
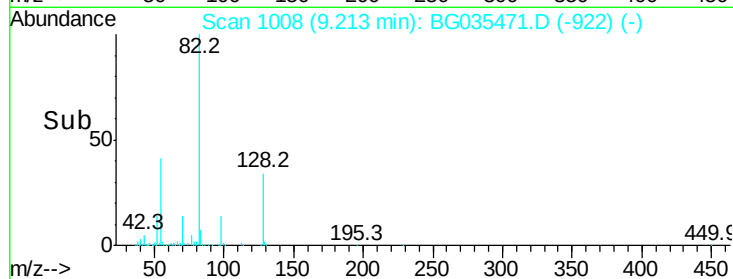
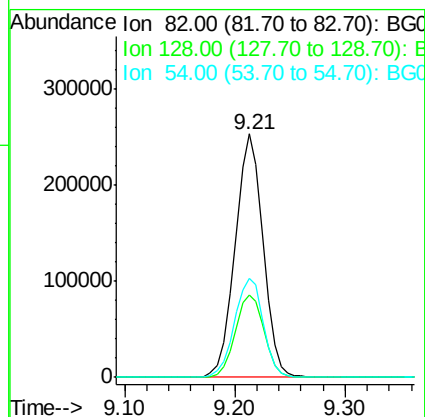
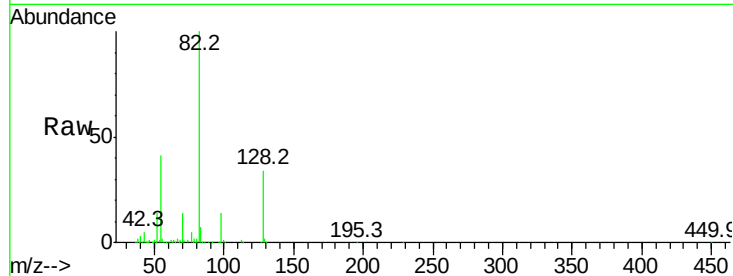




#23
Nitrobenzene-d5
Concen: 123.981 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035471.D
Acq: 28 Jun 2018 8:31

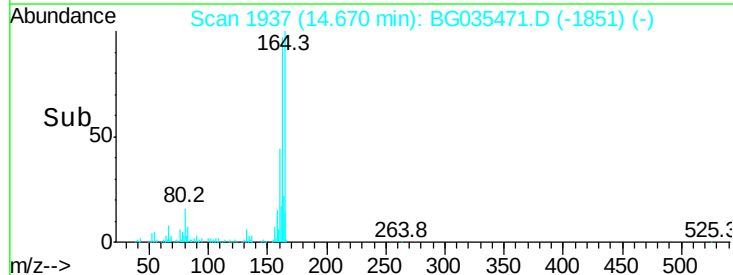
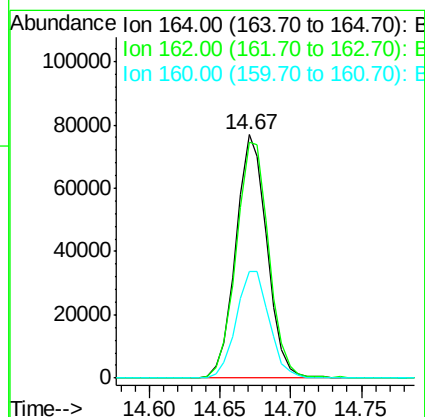
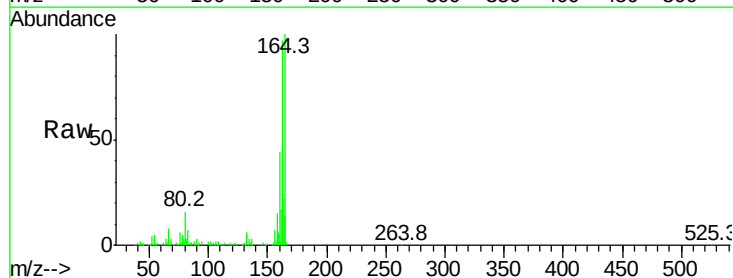
Instrument :
BNA_G
ClientSampleId :
JC-02-062618-A

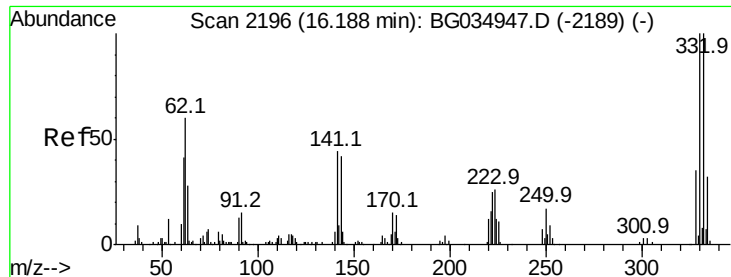
Tot Ion	82	Resp	449261
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	40.7	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BG035471.D
Acq: 28 Jun 2018 8:31

Tgt Ion	164	Resp	118263
Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	43.7	35.4	53.0

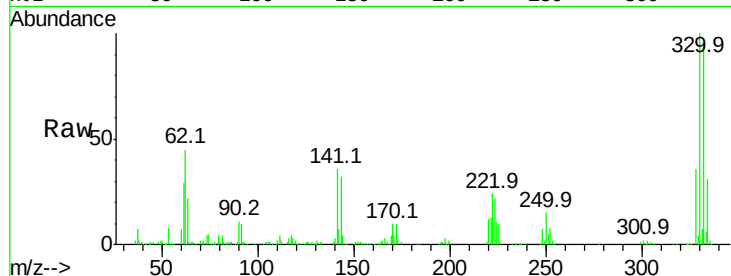




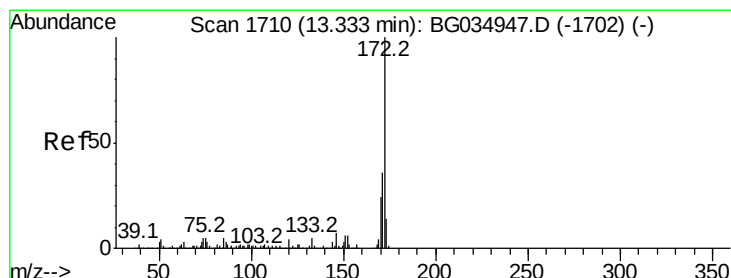
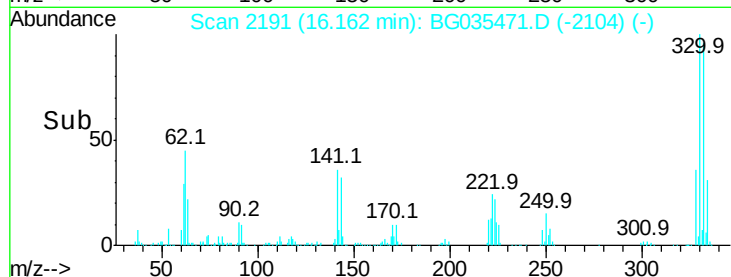
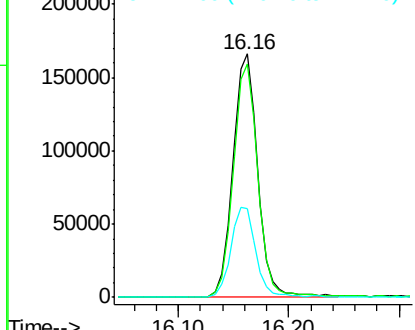
#41
 2,4,6-Tribromophenol
 Concen: 173.613 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035471.D
 Acq: 28 Jun 2018 8:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.9	25.2	37.8

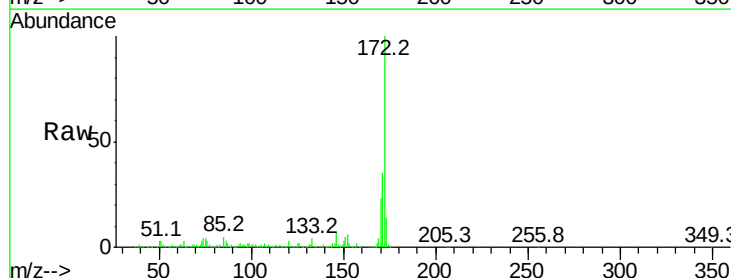


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

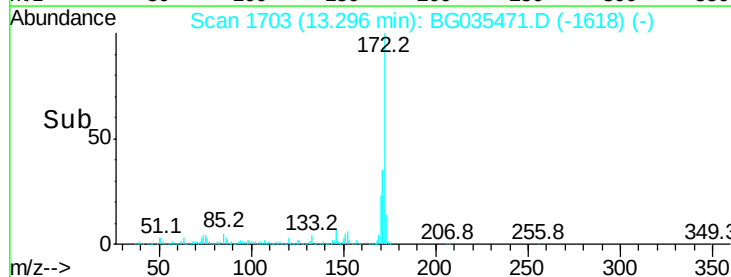
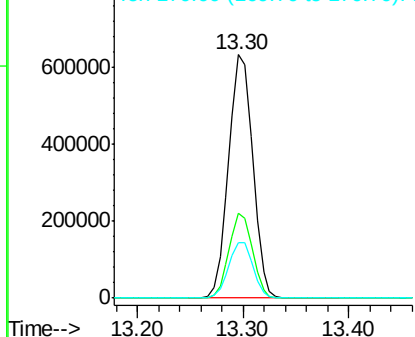


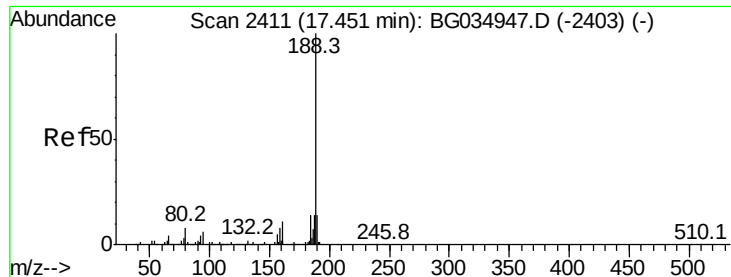
#44
 2-Fluorobiphenyl
 Concen: 109.847 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035471.D
 Acq: 28 Jun 2018 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.9	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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035471.D

Acq: 28 Jun 2018 8:31

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-A

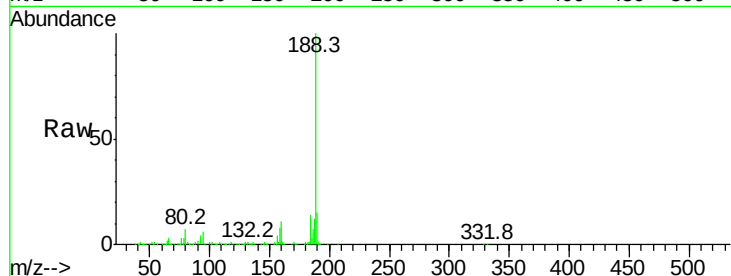
Tot Ion:188 Resp: 318290

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

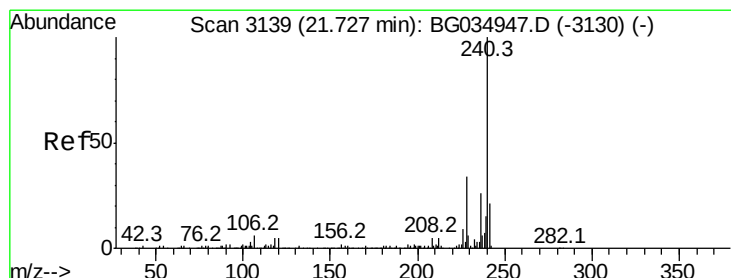
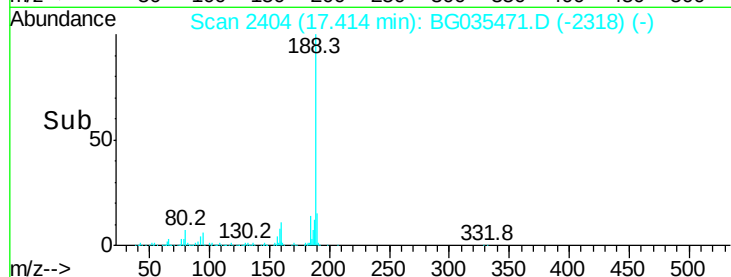
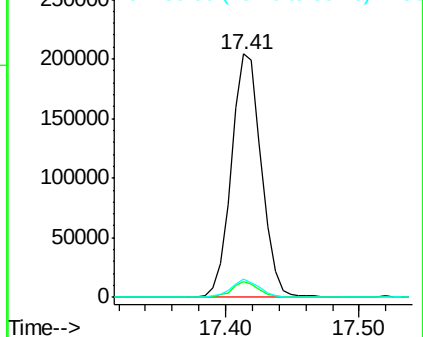
80 7.4 7.7 11.5#



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: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035471.D

Acq: 28 Jun 2018 8:31

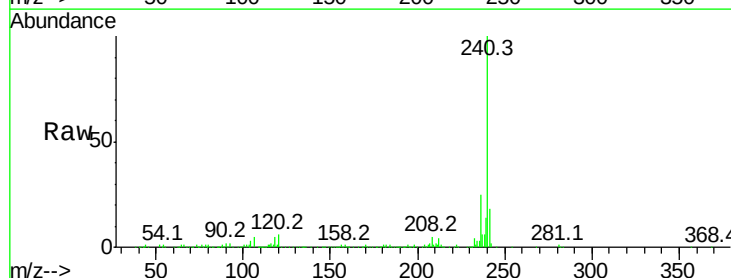
Tgt Ion:240 Resp: 353225

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

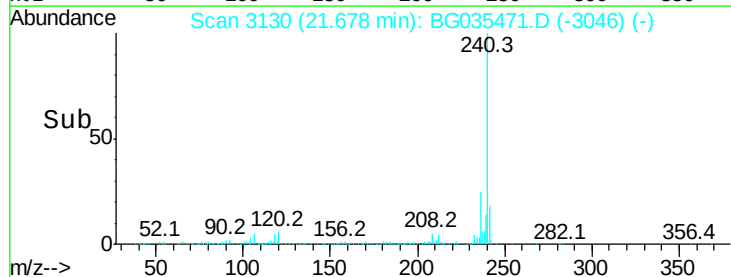
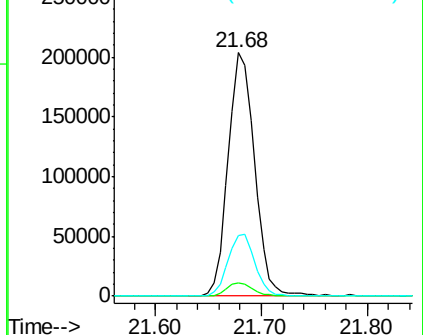
236 25.1 20.9 31.3

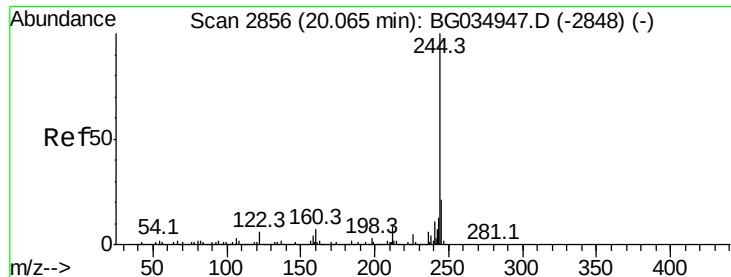


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



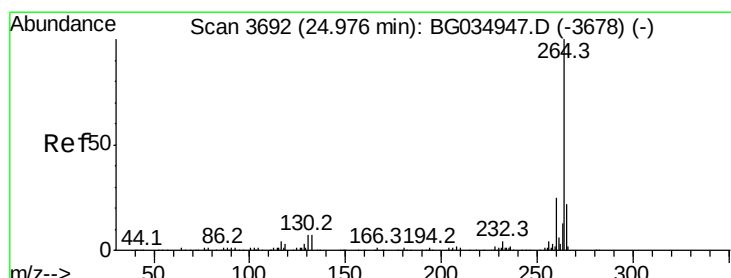
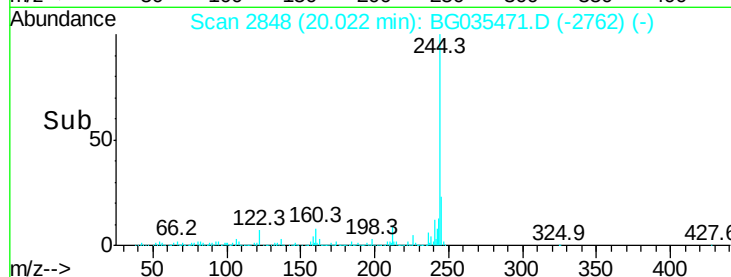
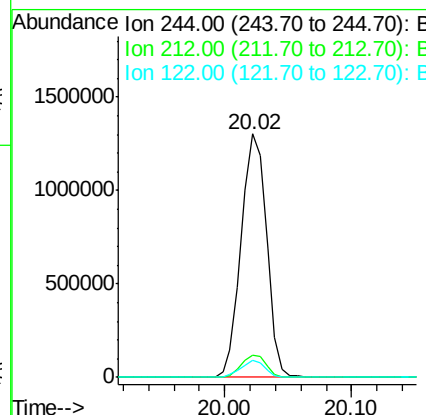
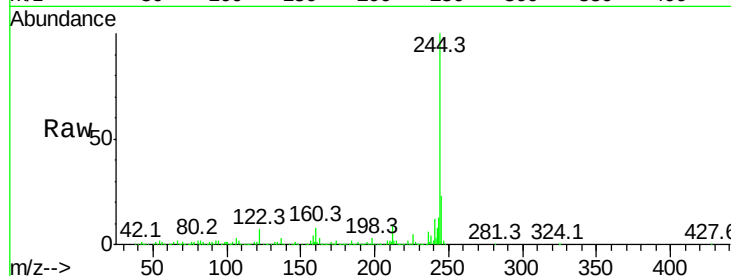


#78
 Terphenyl-d14
 Concen: 107.357 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BG035471.D
 Acq: 28 Jun 2018 8:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-A

Tot Ion:244 Resp: 1810366

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.8	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035471.D
 Acq: 28 Jun 2018 8:31

Tgt Ion:264 Resp: 316652

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.3	17.7	26.5

