

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120518\
 Data File : BG038370.D
 Acq On : 5 Dec 2018 22:26
 Operator : JU/SJ
 Sample : J6151-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Quant Time: Dec 06 04:22:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

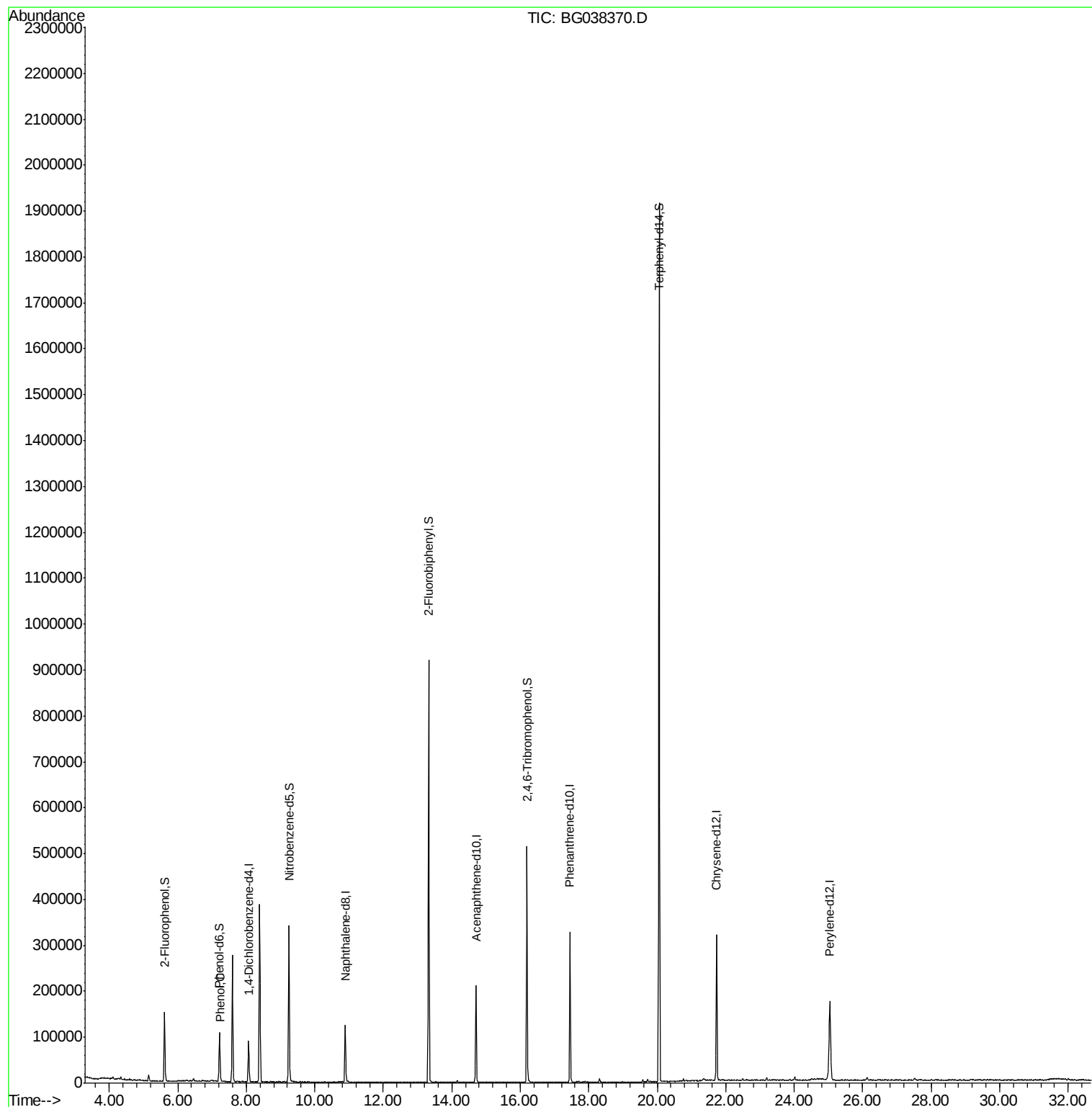
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25821	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	117631	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	77899	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	211505	20.00	ng	0.00
76) Chrysene-d12	21.73	240	195565	20.00	ng	-0.01
87) Perylene-d12	25.04	264	206949	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	68222	46.76	ng	0.00
7) Phenol-d6	7.21	99	64443	30.56	ng	-0.01
23) Nitrobenzene-d5	9.25	82	210936	89.03	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	96835	101.26	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	512050	93.66	ng	0.00
79) Terphenyl-d14	20.06	244	908541	99.52	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6094	2.735	ng	Qvalue 84

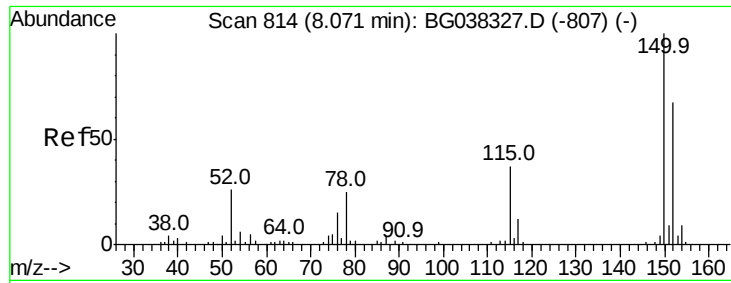
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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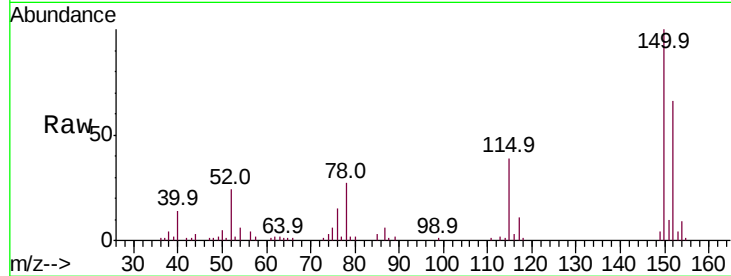


#1

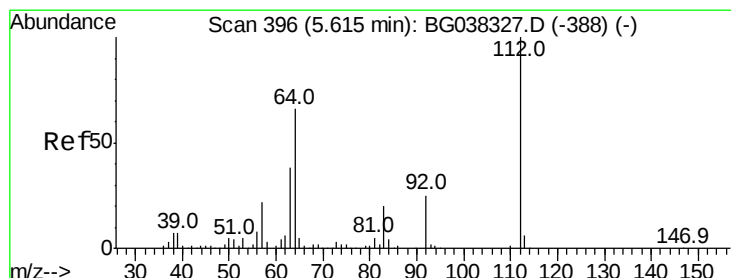
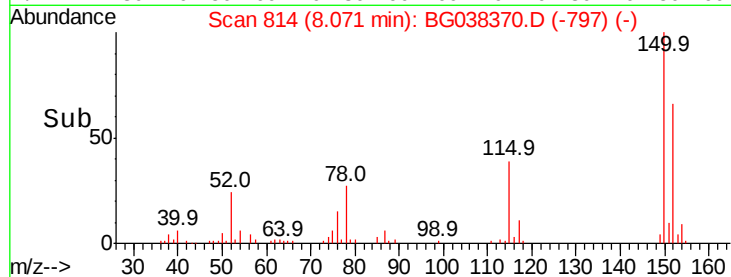
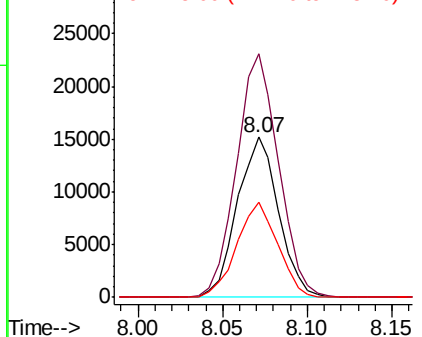
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Instrument :
BNA_G
ClientSampleId :
112918-TIPC-E-U-M

Tot Ion:152 Resp: 25821
Ion Ratio Lower Upper
152 100
150 151.9 126.0 189.0
115 59.0 45.5 68.3



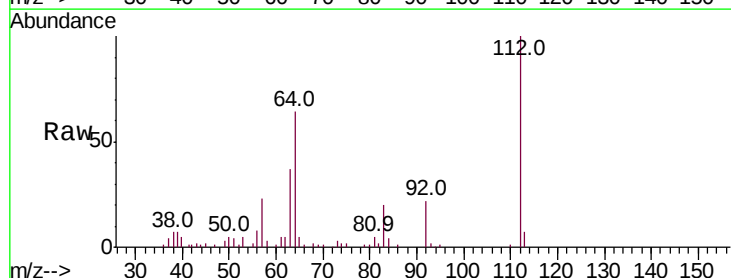
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



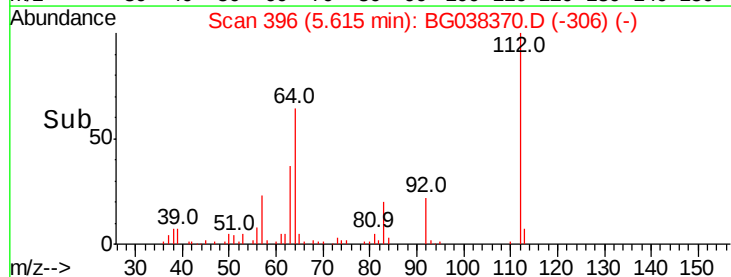
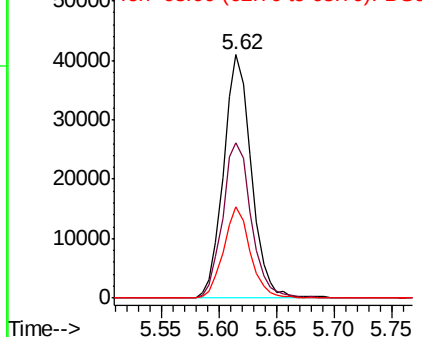
#5

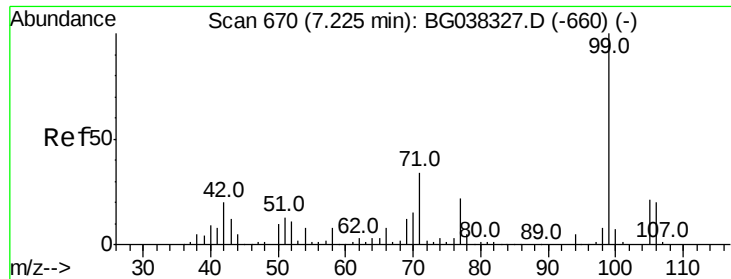
2-Fluorophenol
Concen: 46.756 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Tgt Ion:112 Resp: 68222
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 37.3 27.3 40.9



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: 30.558 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

Instrument :

BNA_G

ClientSampleId :

112918-TIPC-E-U-M

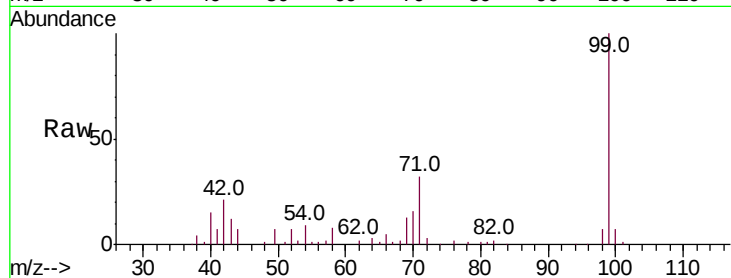
Tot Ion: 99 Resp: 64443

Ion Ratio Lower Upper

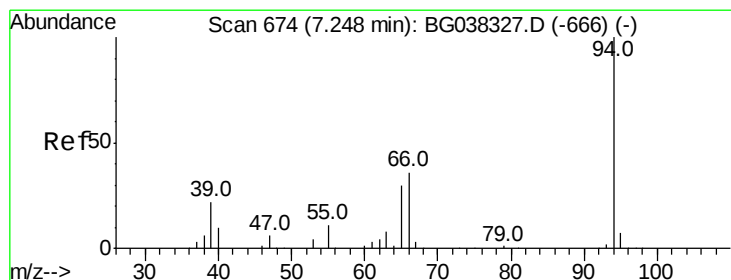
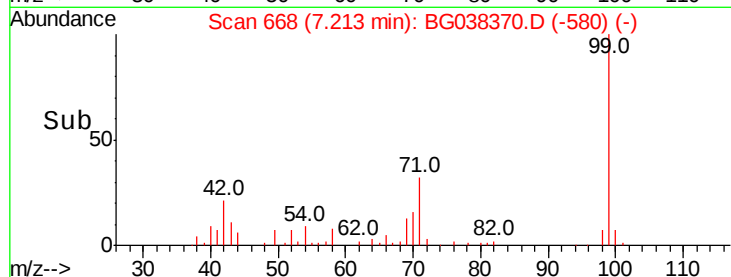
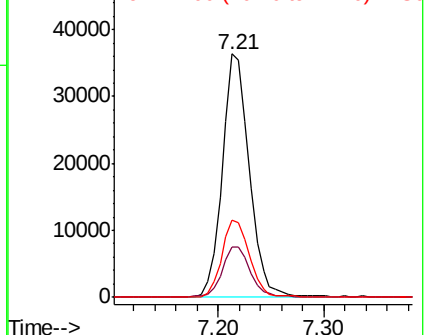
99 100

42 20.6 15.0 22.4

71 31.8 25.5 38.3



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



#10

Phenol

Concen: 2.735 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

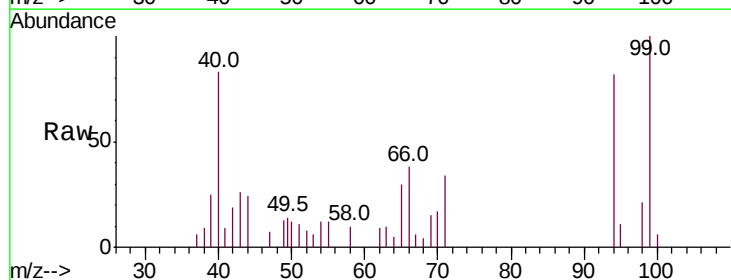
Tgt Ion: 94 Resp: 6094

Ion Ratio Lower Upper

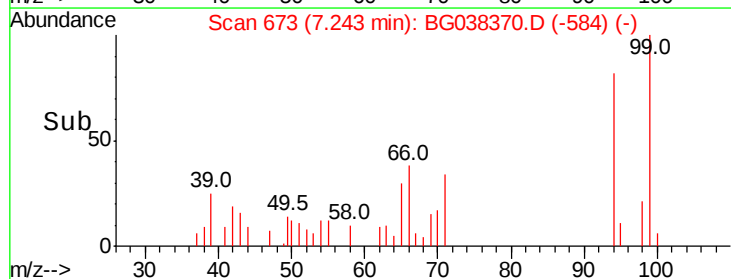
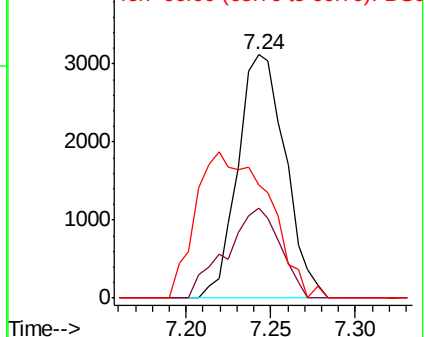
94 100

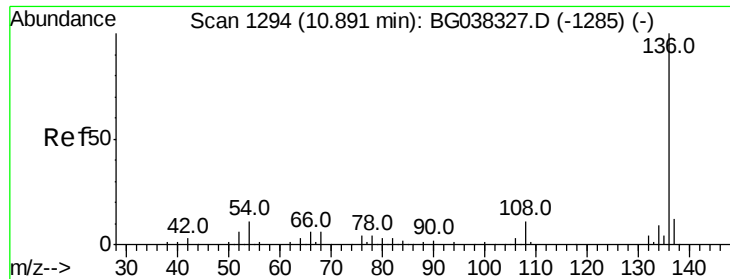
65 36.7 9.7 49.7

66 46.5 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

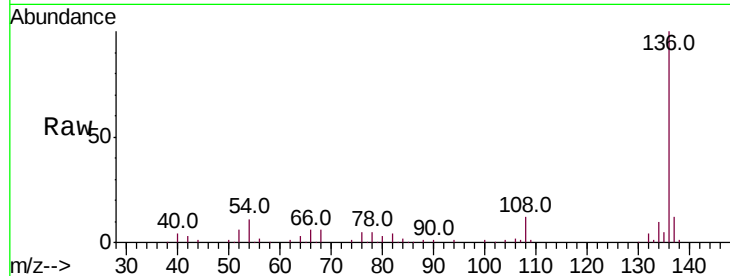




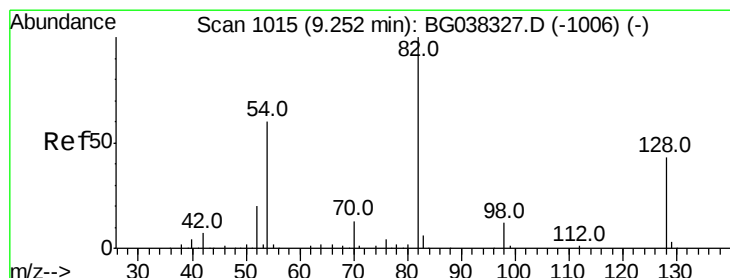
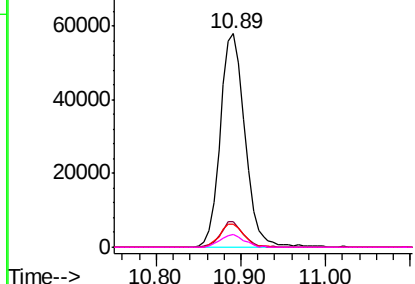
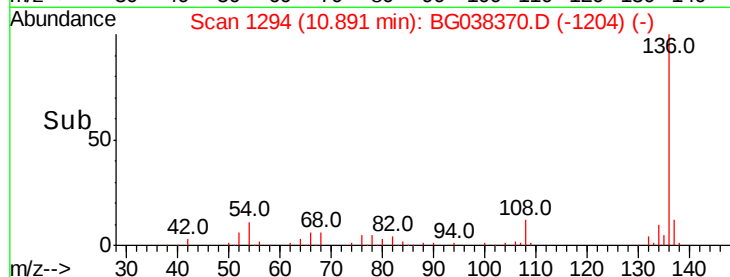
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Instrument :
BNA_G
ClientSampleId :
112918-TIPC-E-U-M

Tot Ion:	136	Resp:	117631
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	10.7	7.9	11.9
68	6.0	4.8	7.2

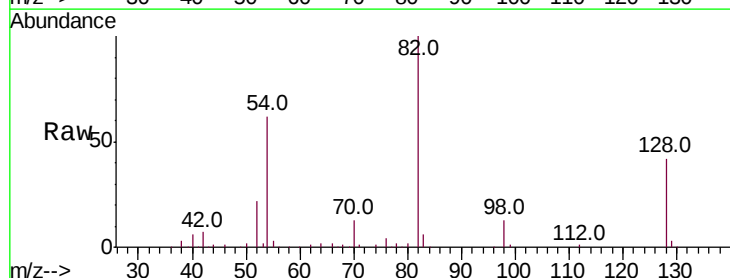


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

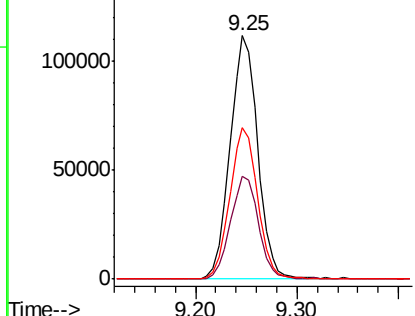
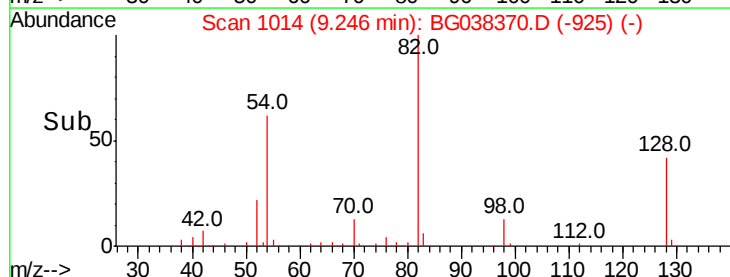


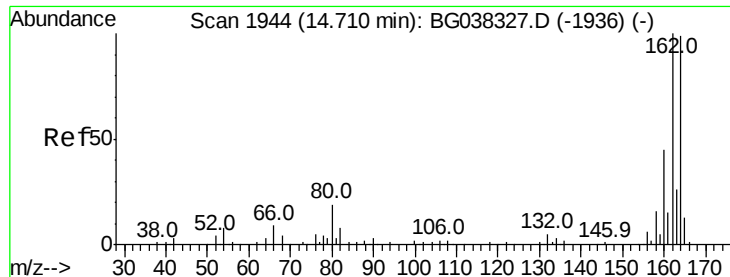
#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038370.D
Acq: 5 Dec 2018 22:26

Tgt Ion:	82	Resp:	210936
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	62.2	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

Instrument :

BNA_G

ClientSampleId :

112918-TIPC-E-U-M

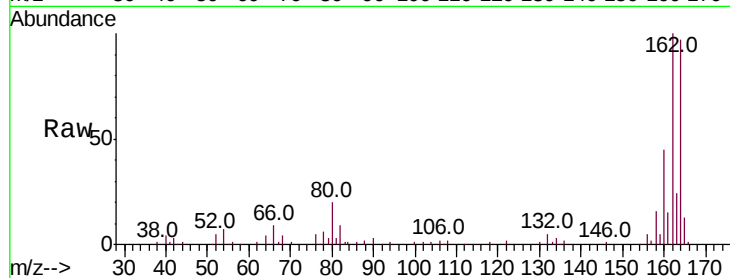
Tot Ion:164 Resp: 77899

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

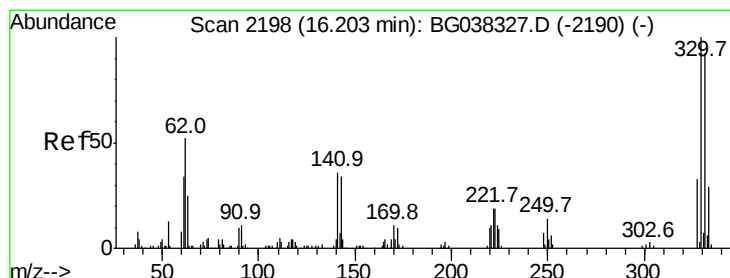
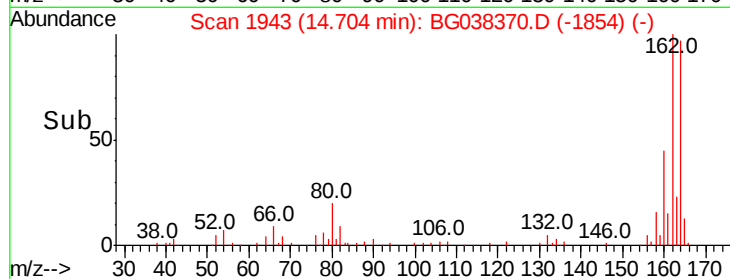
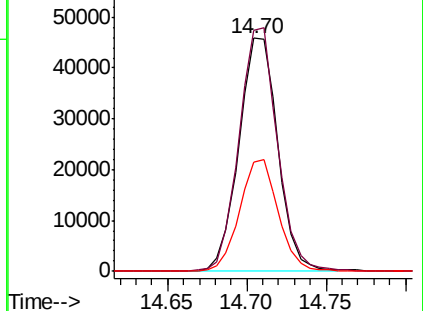
160 47.0 36.3 54.5



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: 101.260 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038370.D

Acq: 5 Dec 2018 22:26

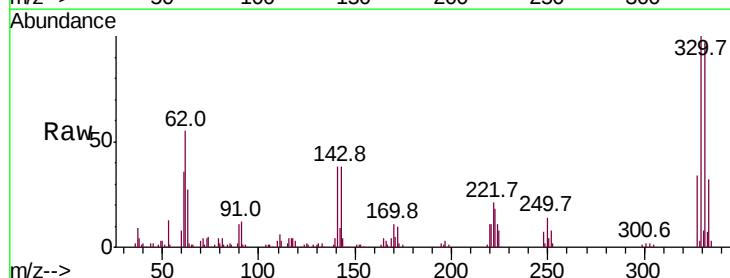
Tgt Ion:330 Resp: 96835

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

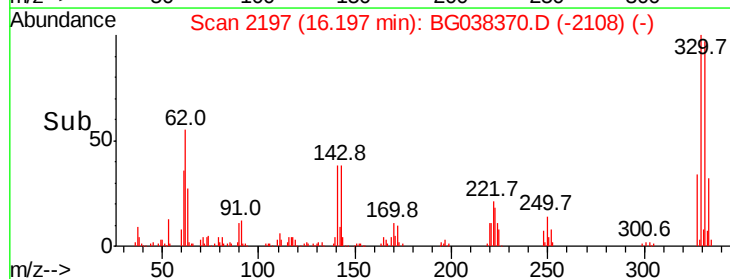
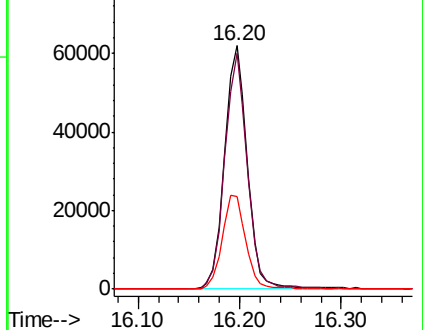
141 39.6 32.2 48.2

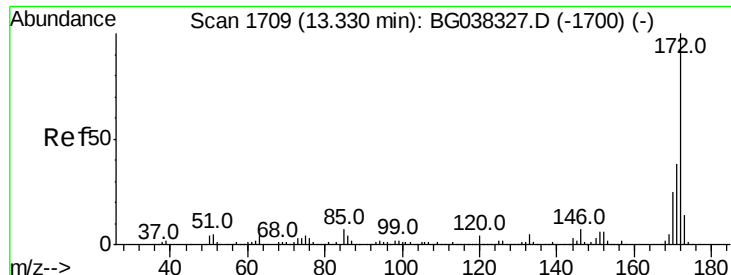


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

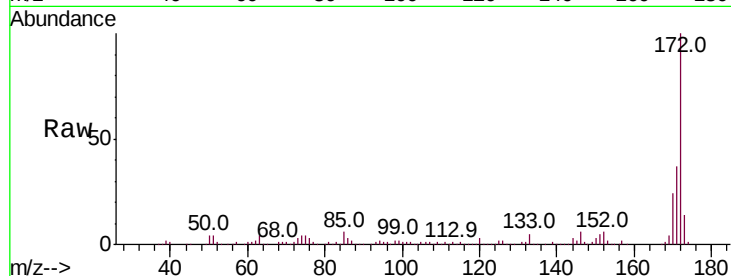




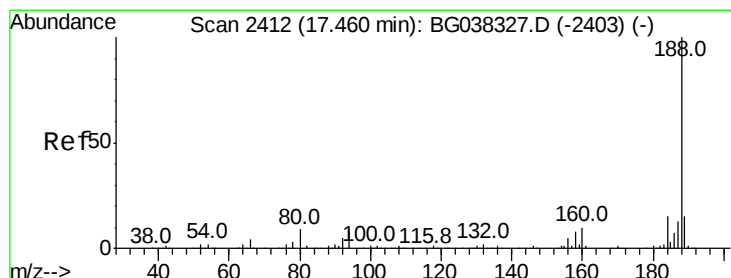
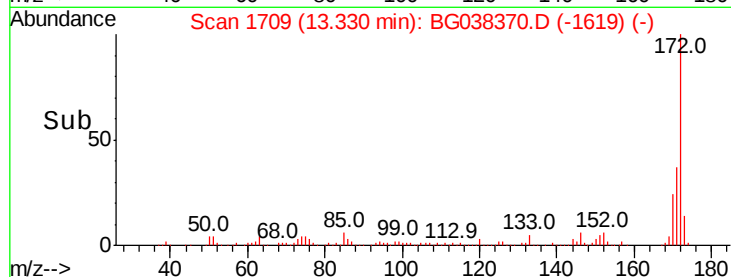
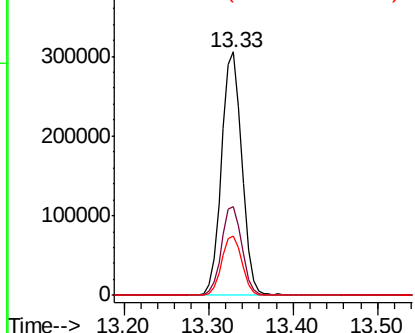
#45
 2-Fluorobiphenyl
 Concen: 93.663 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Tot Ion:172 Resp: 512050
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 24.3 20.2 30.2

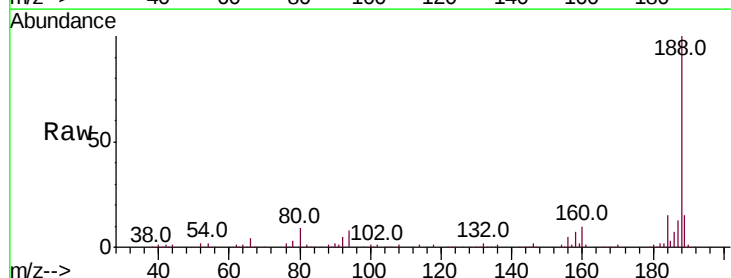


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

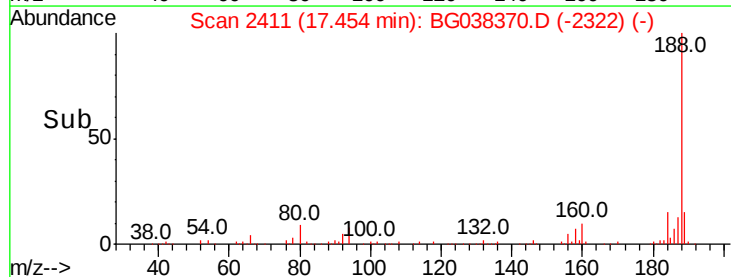
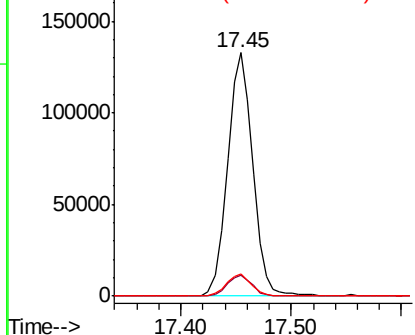


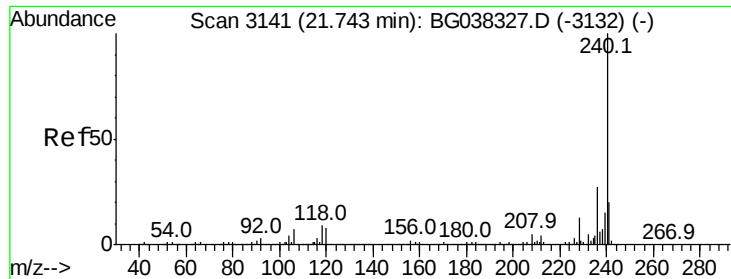
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Tgt Ion:188 Resp: 211505
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.2 10.8
 80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

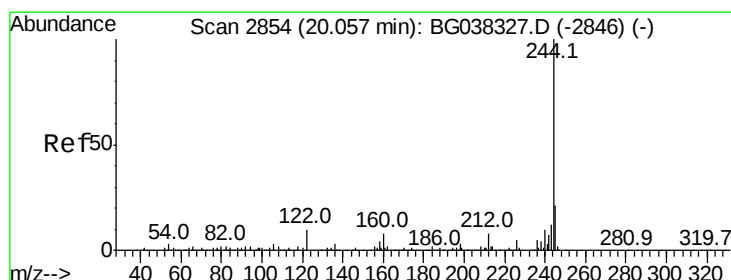
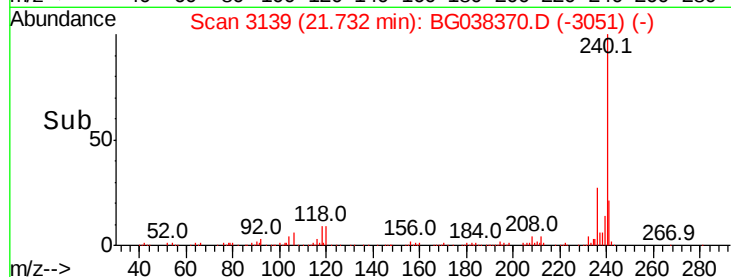
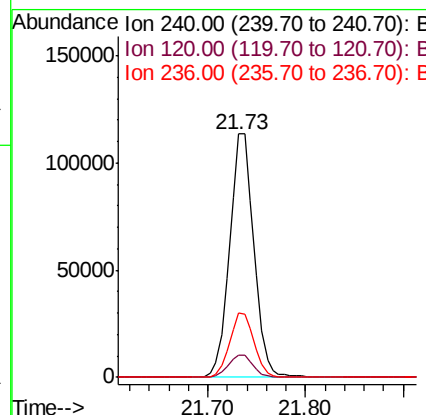
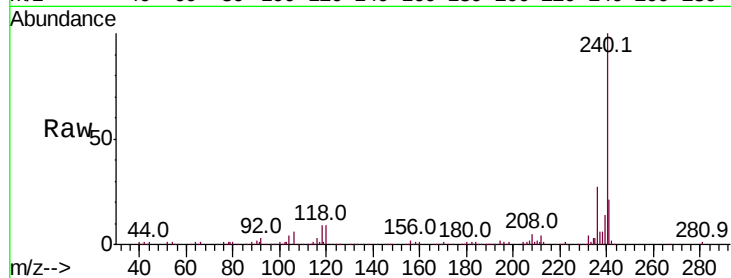




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

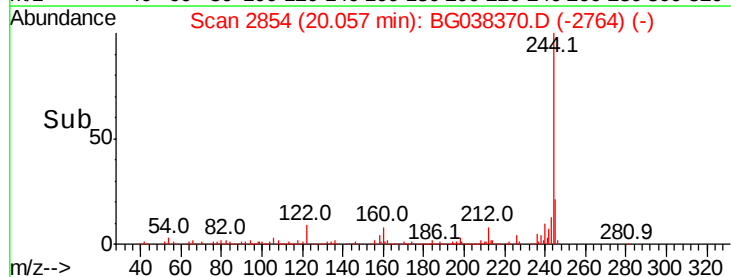
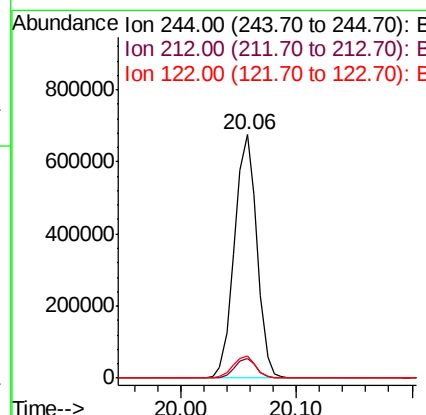
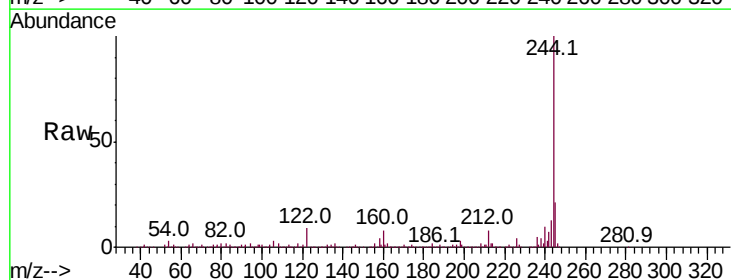
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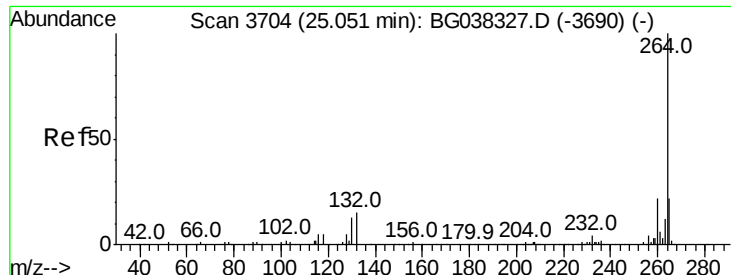
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.1	12.1
236	26.6	21.4	32.0



#79
 Terphenyl-d14
 Concen: 99.523 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	8.9	9.0	13.4#

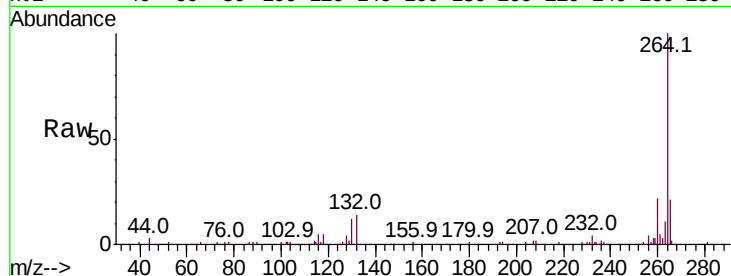




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038370.D
 Acq: 5 Dec 2018 22:26

Instrument :
 BNA_G
 ClientSampleId :
 112918-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.3	17.9	26.9



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

