

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038334.D
 Acq On : 4 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J5764-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Quant Time: Dec 05 03:30:58 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	45629	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	132130	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	86258	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	222210	20.00	ng	0.00
76) Chrysene-d12	21.74	240	215389	20.00	ng	0.00
87) Perylene-d12	25.04	264	228910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	207420	80.44	ng	0.00
7) Phenol-d6	7.22	99	242376	65.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	200876	75.48	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	137616	129.96	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	454123	75.02	ng	0.00
79) Terphenyl-d14	20.06	244	826117	82.17	ng	0.00

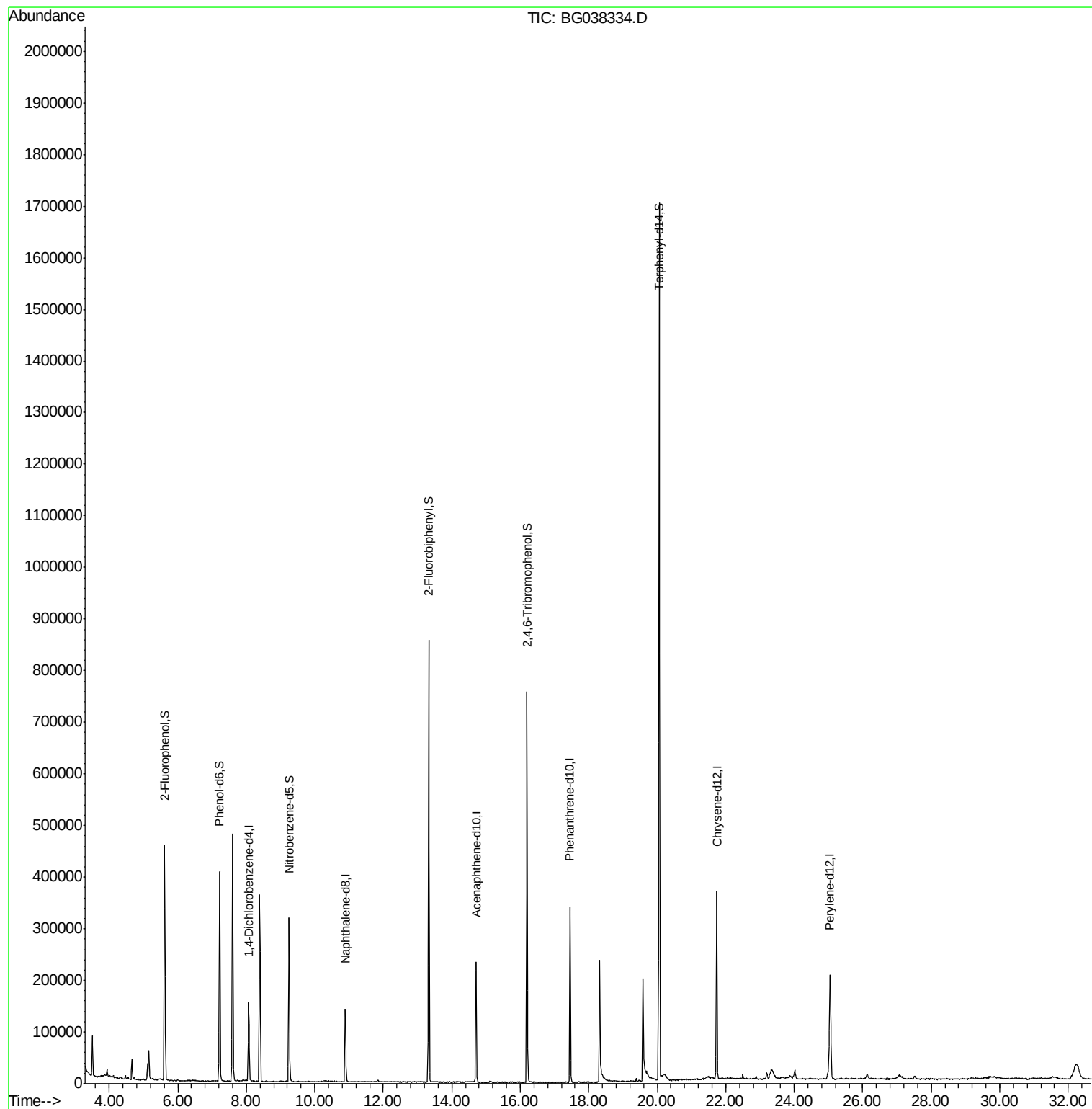
Target Compounds Qvalue

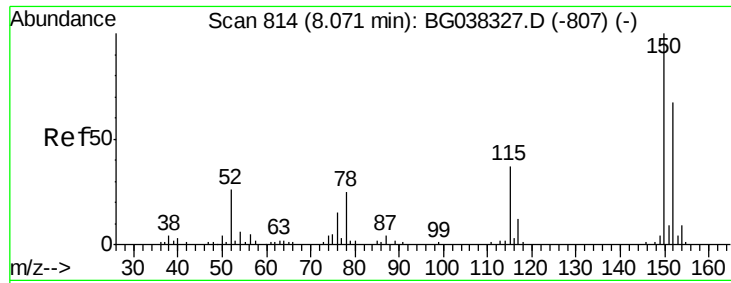
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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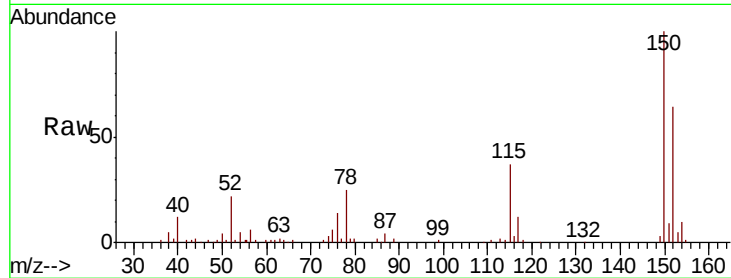




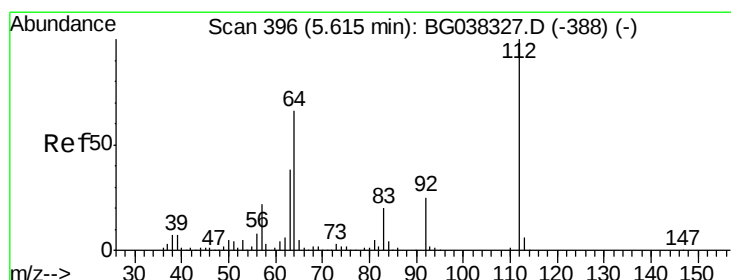
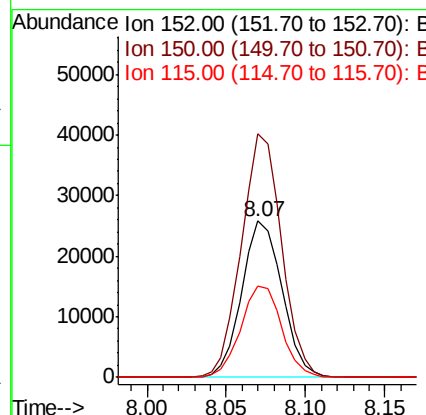
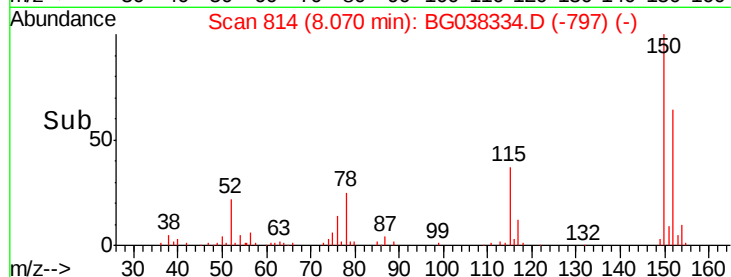
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Tot Ion:152 Resp: 45629
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.0 189.0
 115 58.2 45.5 68.3

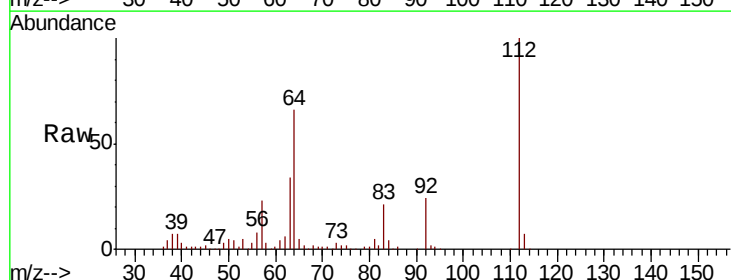


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

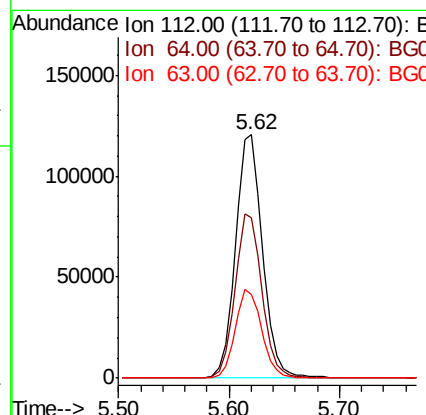
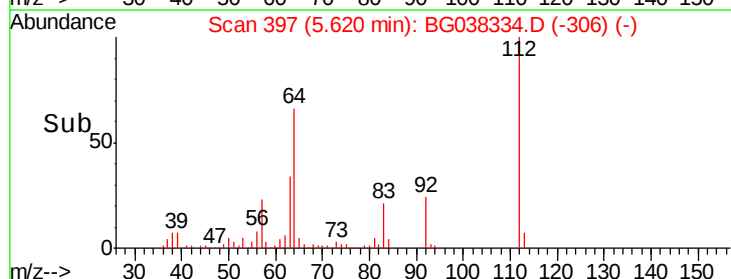


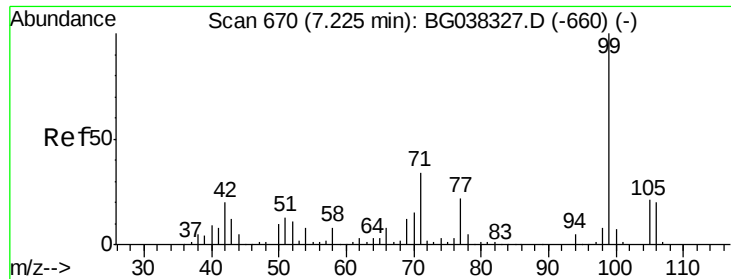
#5
 2-Fluorophenol
 Concen: 80.444 ng
 RT: 5.62 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion:112 Resp: 207420
 Ion Ratio Lower Upper
 112 100
 64 65.9 53.1 79.7
 63 34.2 27.3 40.9



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: 65.038 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

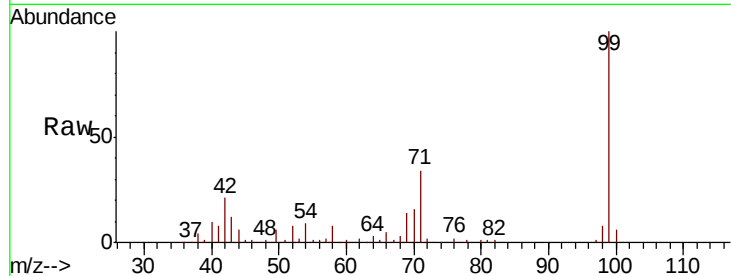
Tot Ion: 99 Resp: 242376

Ion Ratio Lower Upper

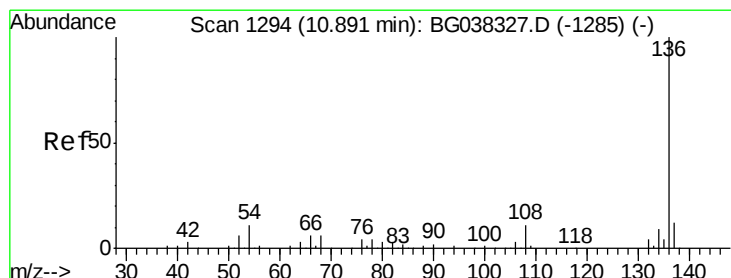
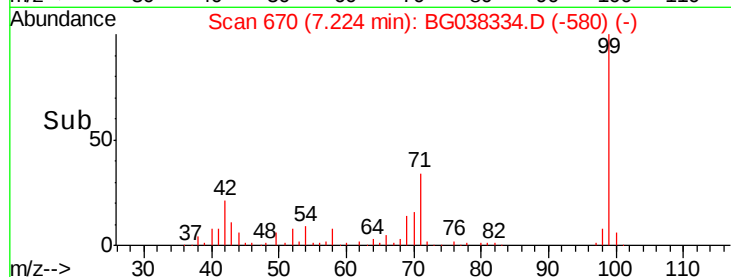
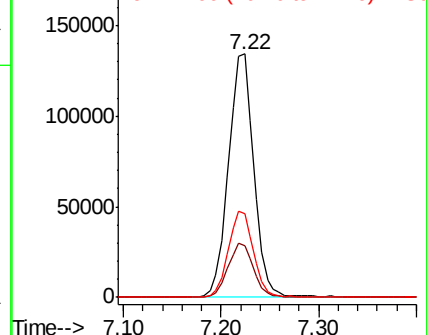
99 100

42 21.2 15.0 22.4

71 34.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Tgt Ion: 136 Resp: 132130

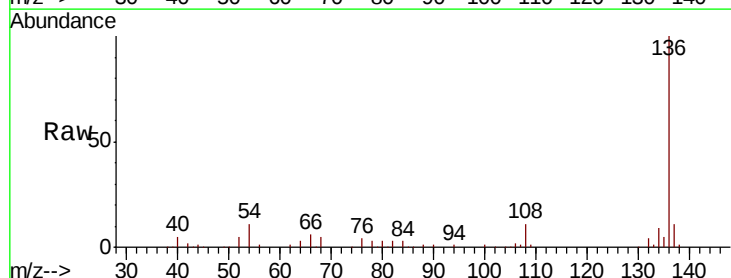
Ion Ratio Lower Upper

136 100

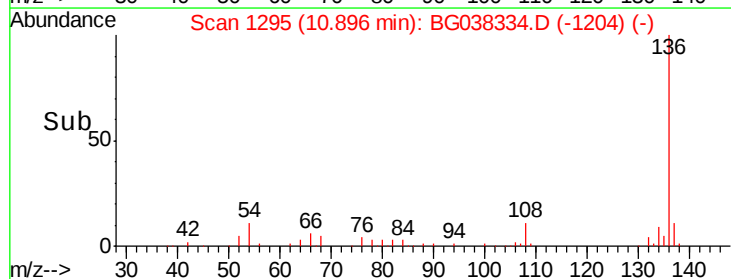
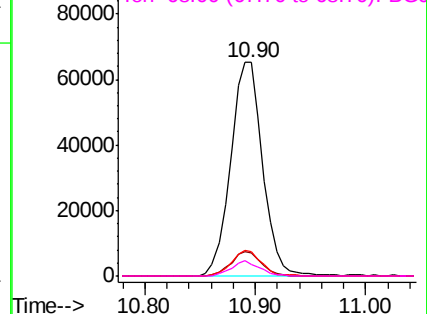
137 10.6 9.6 14.4

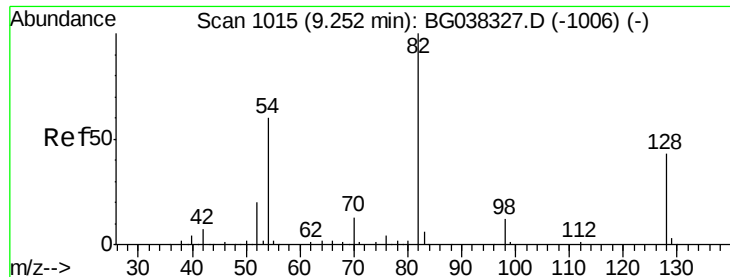
54 11.4 7.9 11.9

68 5.3 4.8 7.2



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

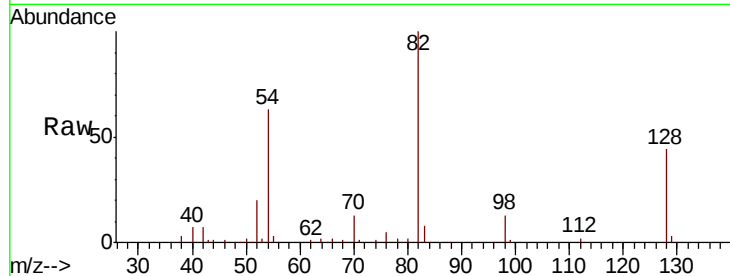




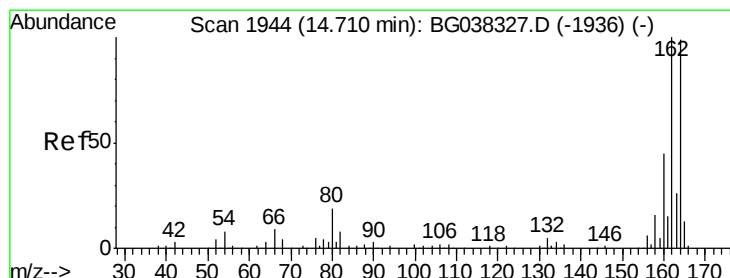
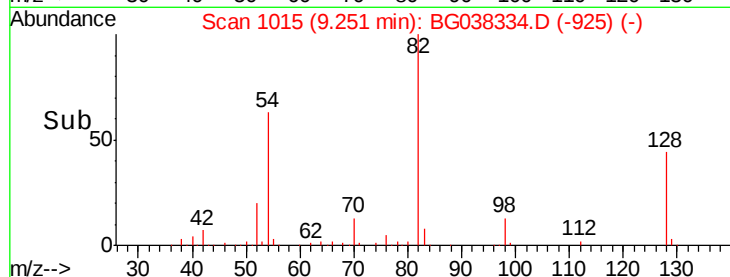
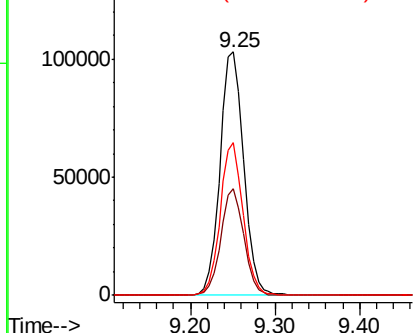
#23
Nitrobenzene-d5
Concen: 75.479 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tot Ion: 82 Resp: 200876
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 62.5 45.3 67.9

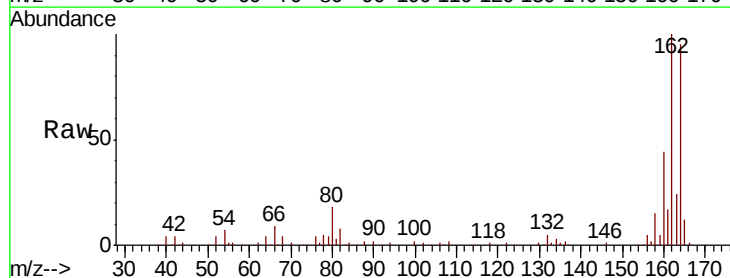


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

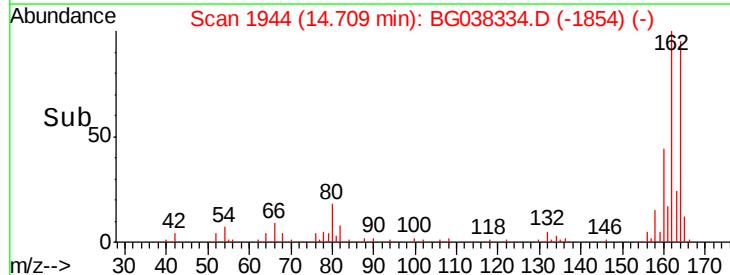
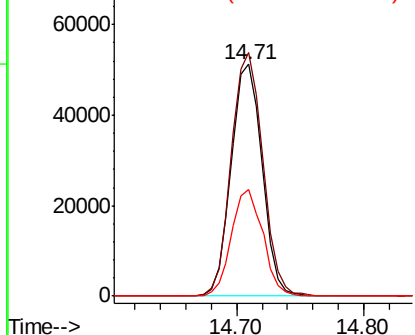


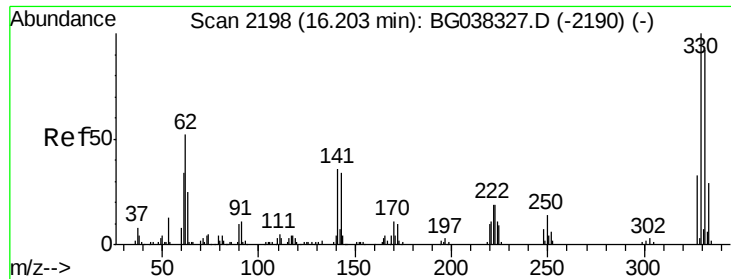
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:164 Resp: 86258
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 46.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

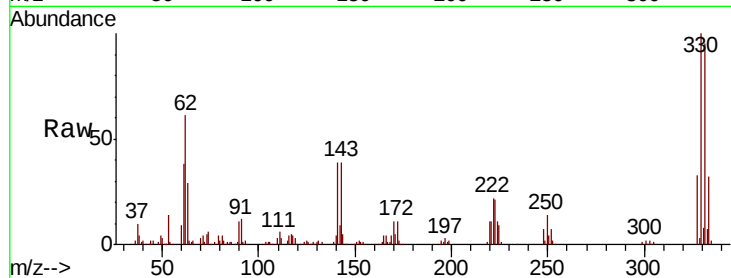




#42
 2,4,6-Tribromophenol
 Concen: 129.959 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.4	117.6
141	39.3	32.2	48.2

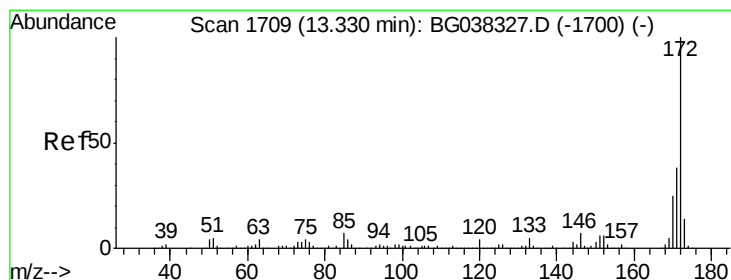
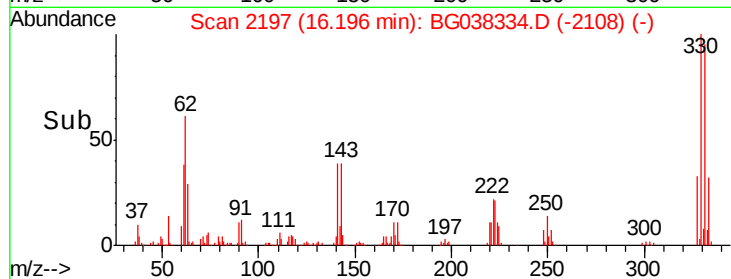
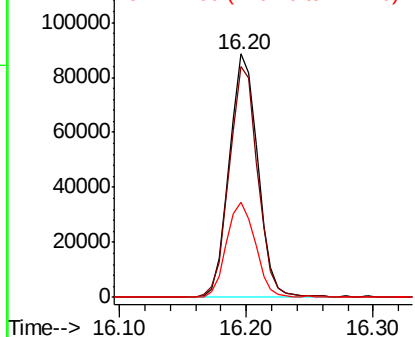


Abundance

Ion 329.80 (329.50 to 330.50): E

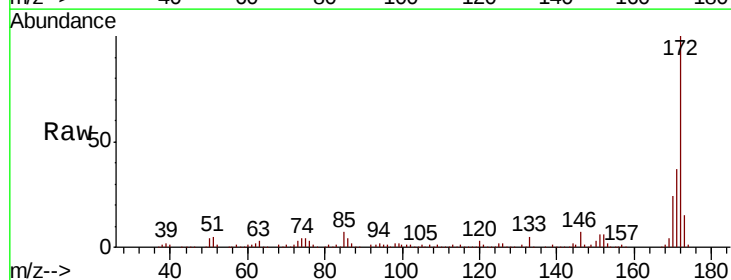
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.018 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038334.D
 Acq: 4 Dec 2018 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.4	20.2	30.2

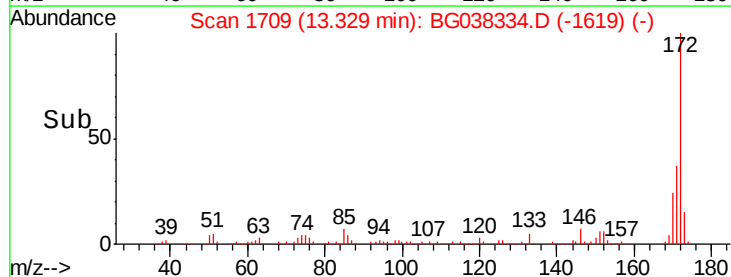
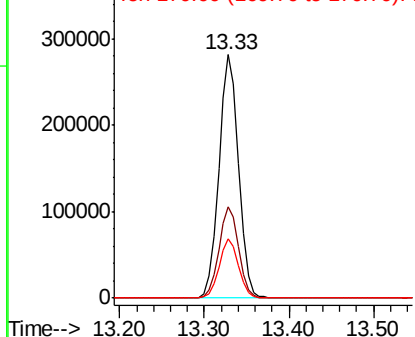


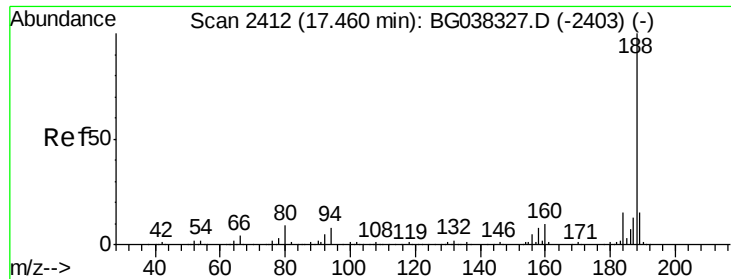
Abundance

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

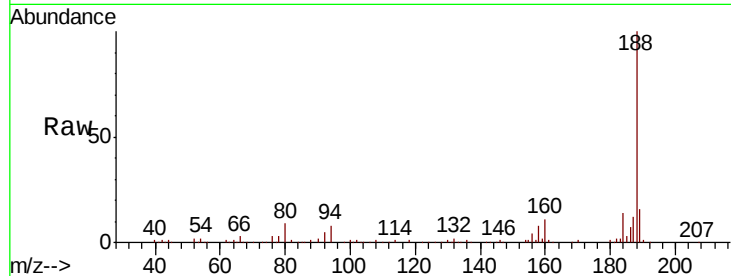




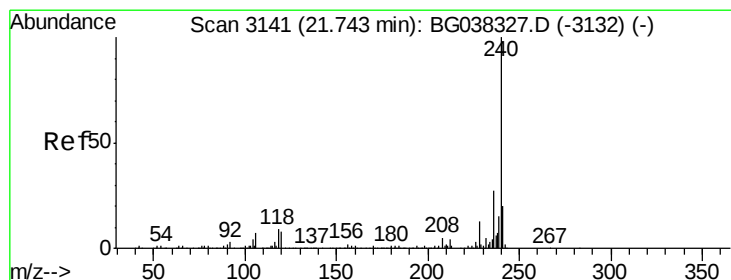
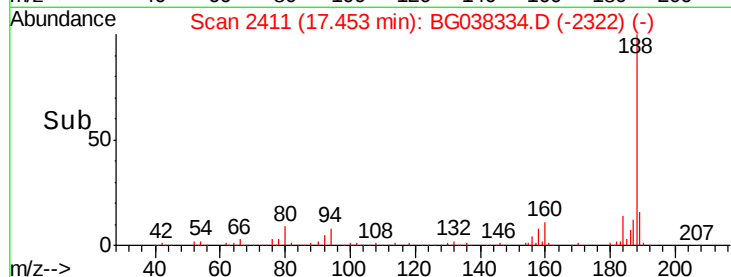
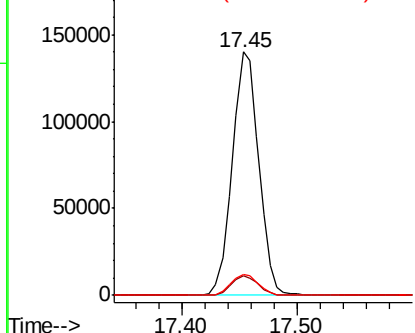
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

Tot Ion:188 Resp: 222210
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.8 7.7 11.5

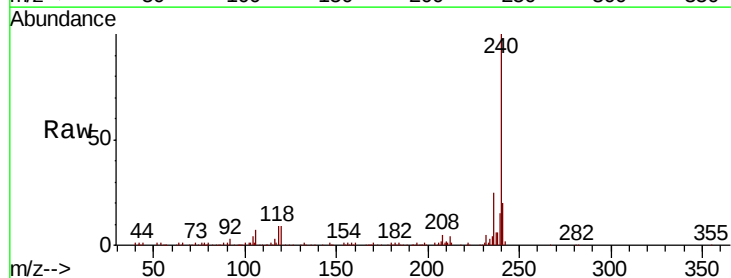


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

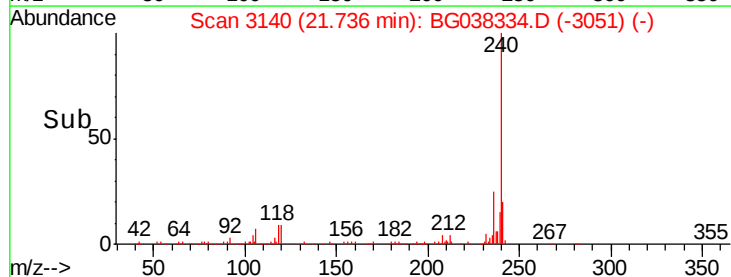
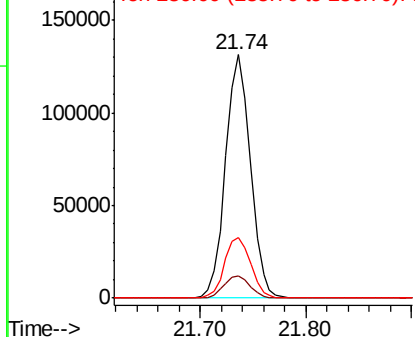


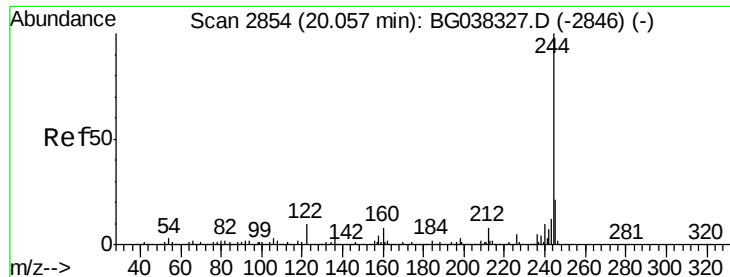
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038334.D
Acq: 4 Dec 2018 21:16

Tgt Ion:240 Resp: 215389
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 24.7 21.4 32.0



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





#79

Terphenyl-d14

Concen: 82.166 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

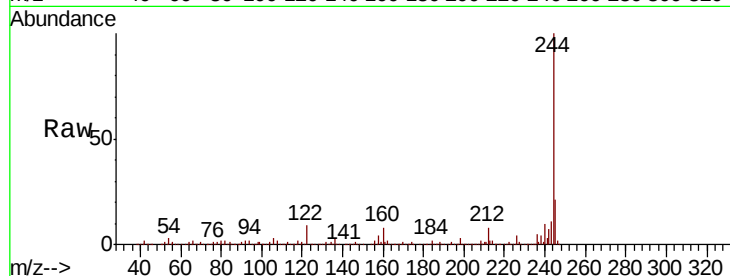
Tot Ion:244 Resp: 826117

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

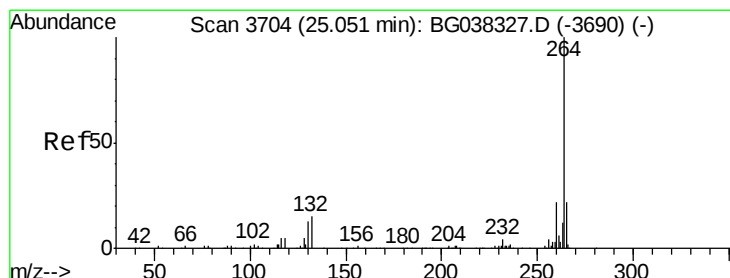
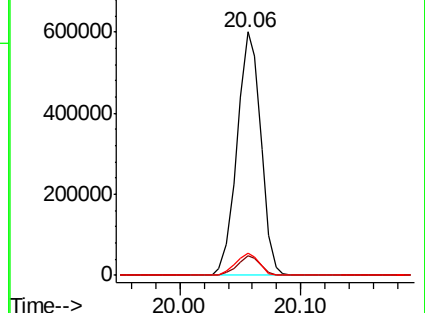
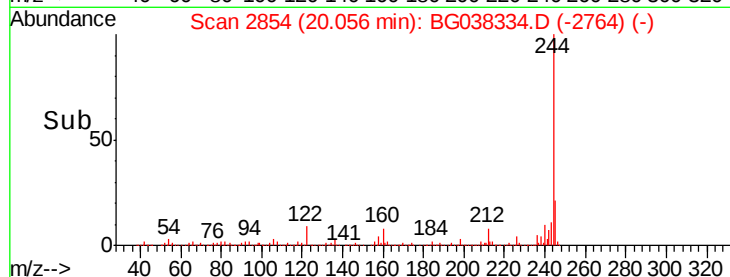
122 9.3 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038334.D

Acq: 4 Dec 2018 21:16

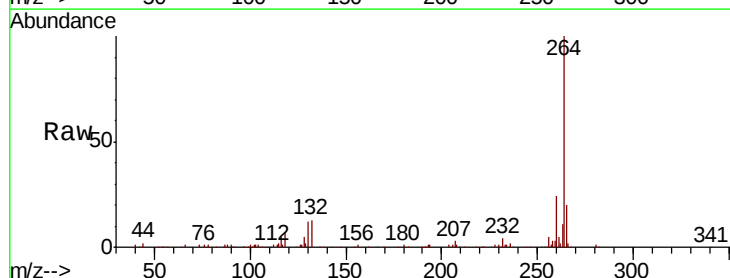
Tgt Ion:264 Resp: 228910

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.1 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

