

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038353.D
 Acq On : 5 Dec 2018 10:24
 Operator : JU/SJ
 Sample : J5764-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 05 11:58:57 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	8.08	152	32854	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	120222	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	81053	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	217672	20.00	ng	0.00
76) Chrysene-d12	21.74	240	214078	20.00	ng	0.00
87) Perylene-d12	25.04	264	223997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175675	94.63	ng	0.00
7) Phenol-d6	7.22	99	223031	83.12	ng	0.00
23) Nitrobenzene-d5	9.25	82	180318	74.47	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	136098	136.78	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	442173	77.73	ng	0.00
79) Terphenyl-d14	20.06	244	828635	82.92	ng	0.00

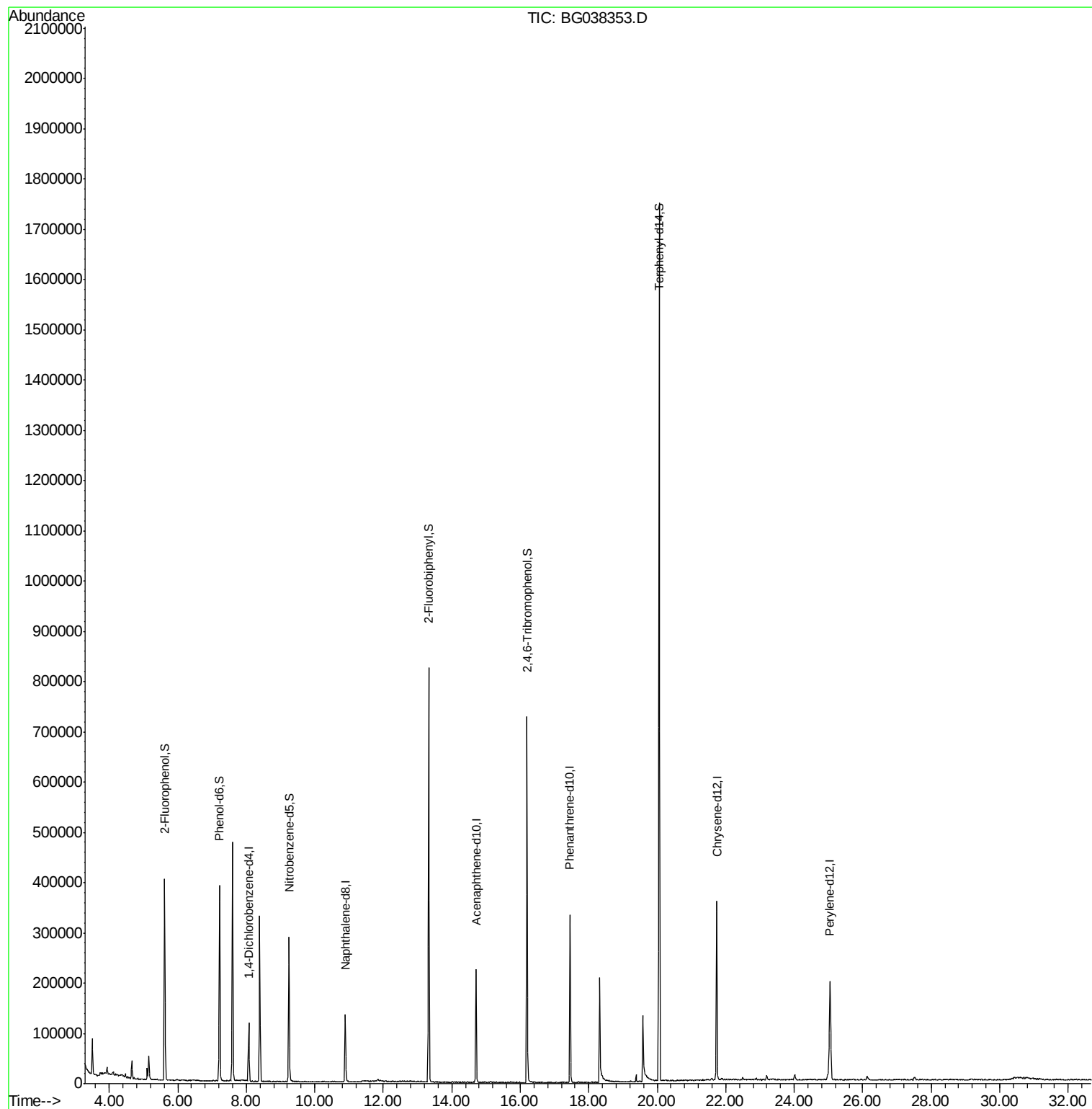
Target Compounds Qvalue

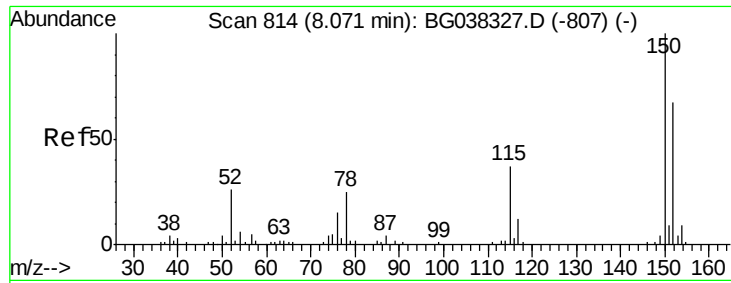
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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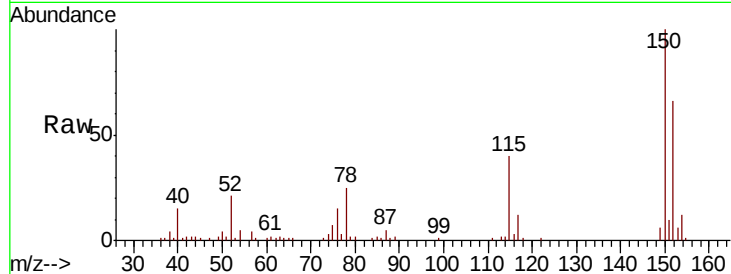


#1

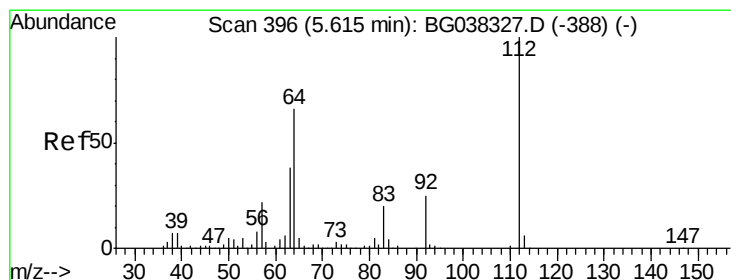
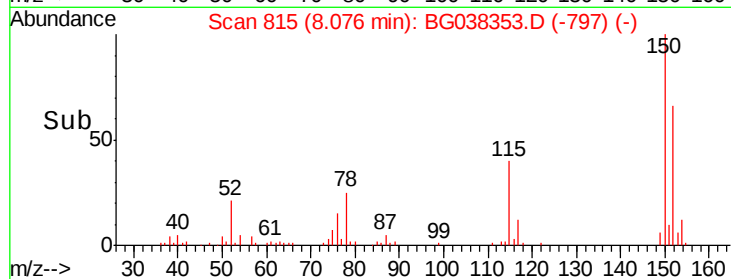
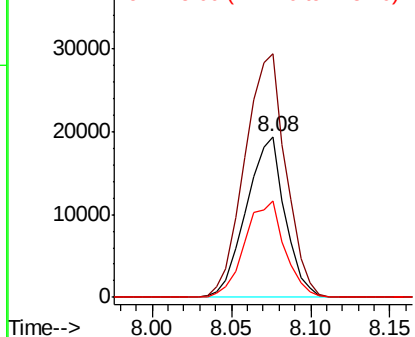
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.01 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

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

Tot Ion:152 Resp: 32854
Ion Ratio Lower Upper
152 100
150 151.6 126.0 189.0
115 60.1 45.5 68.3



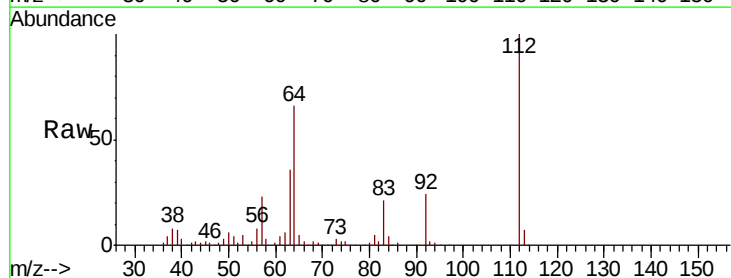
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



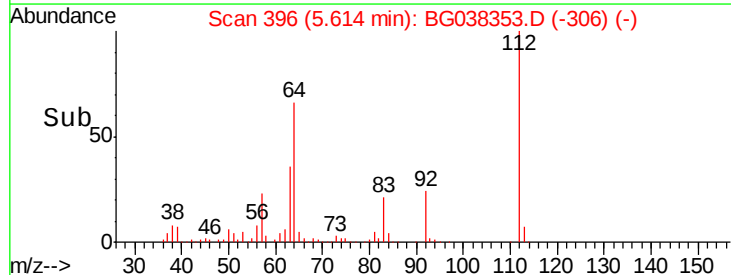
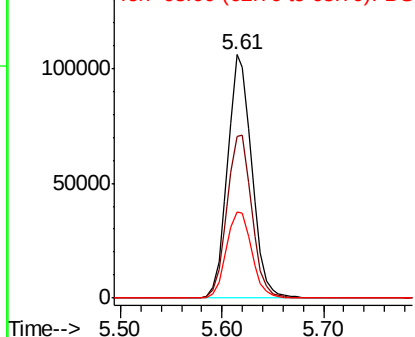
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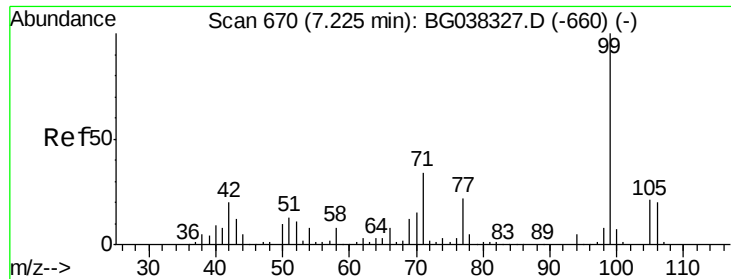
2-Fluorophenol
Concen: 94.625 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

Tgt Ion:112 Resp: 175675
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 35.5 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: 83.118 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038353.D

Acq: 5 Dec 2018 10:24

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

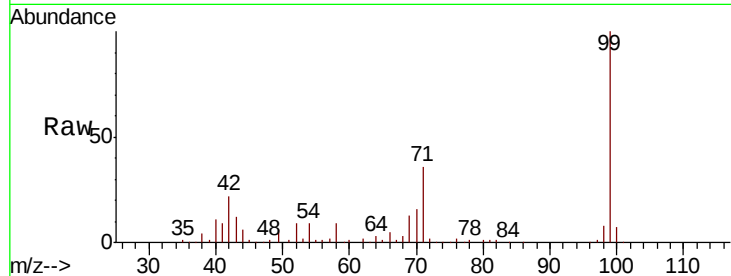
Tot Ion: 99 Resp: 223031

Ion Ratio Lower Upper

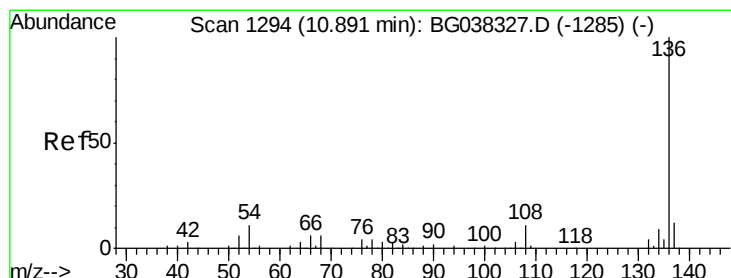
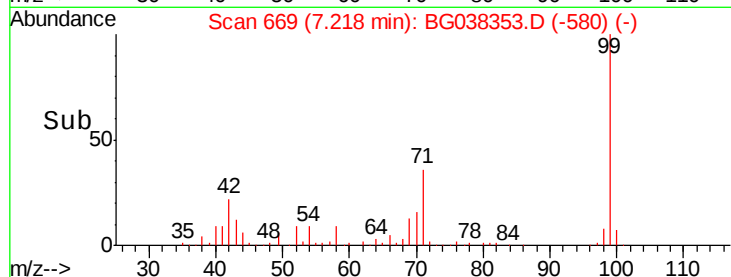
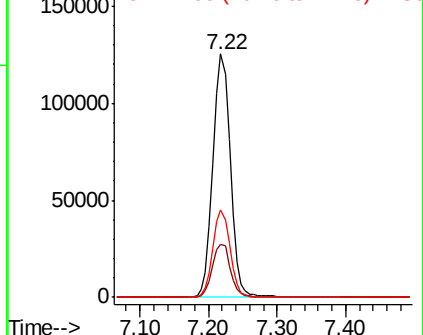
99 100

42 21.8 15.0 22.4

71 35.9 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038353.D

Acq: 5 Dec 2018 10:24

Tgt Ion: 136 Resp: 120222

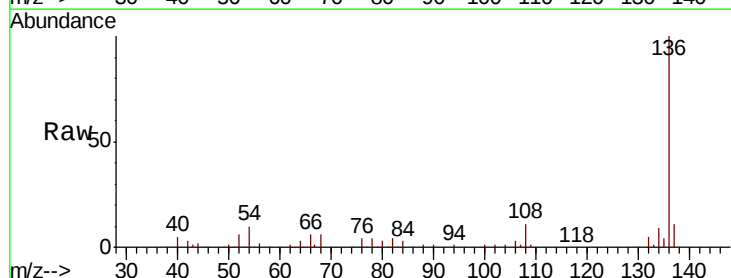
Ion Ratio Lower Upper

136 100

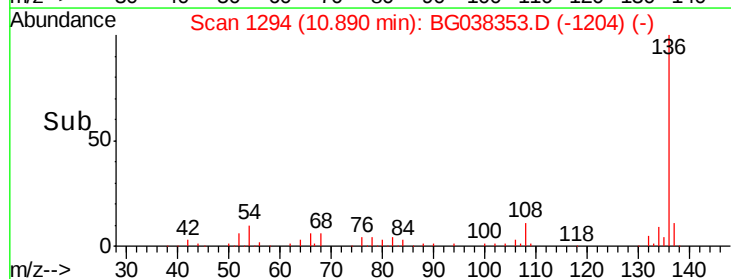
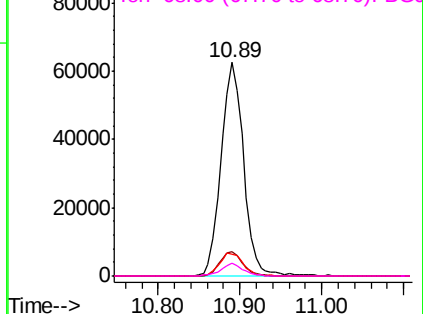
137 11.2 9.6 14.4

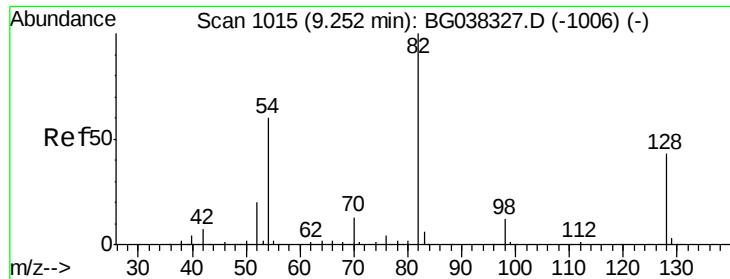
54 10.3 7.9 11.9

68 6.0 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

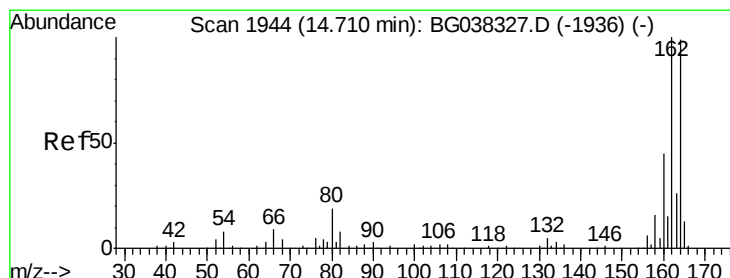
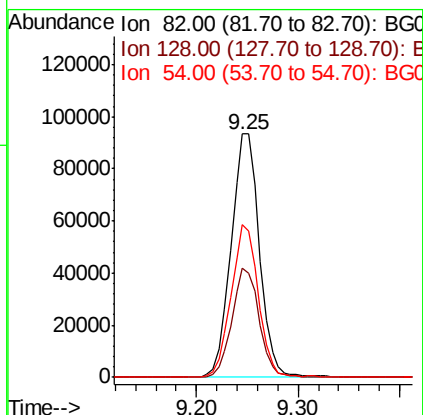
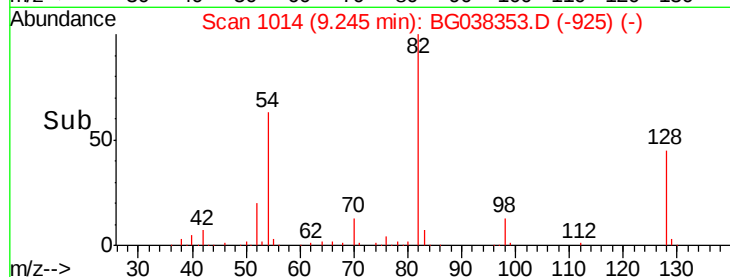
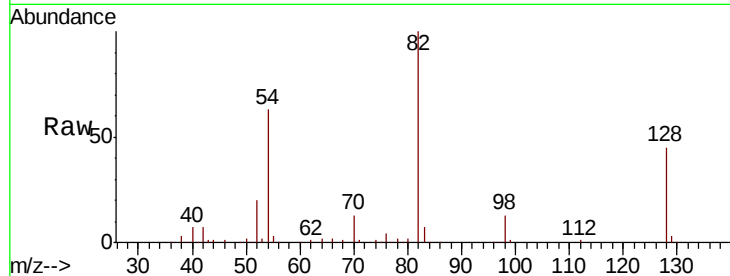




#23
Nitrobenzene-d5
Concen: 74.466 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

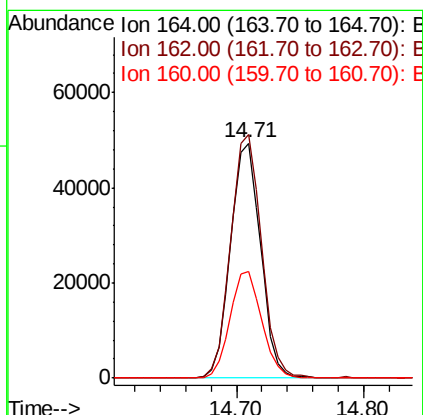
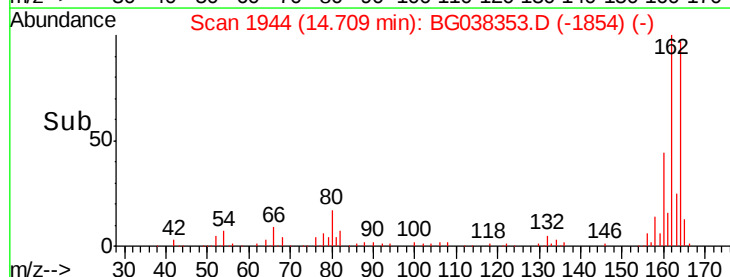
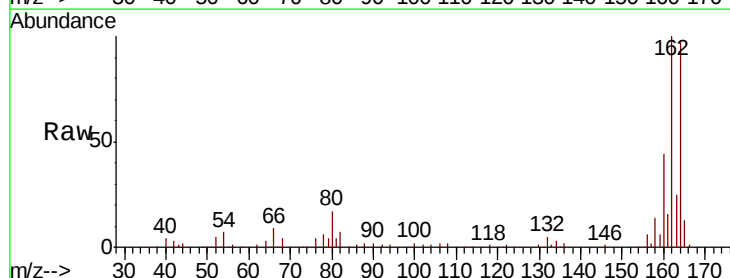
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-A

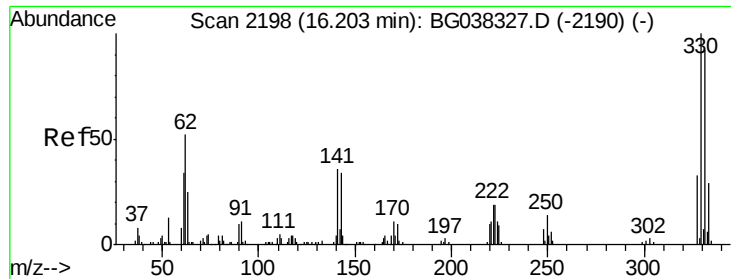
Tot Ion: 82 Resp: 180318
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 62.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

Tgt Ion:164 Resp: 81053
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.7 36.3 54.5

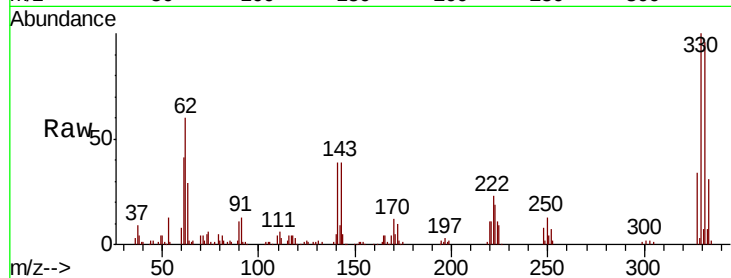




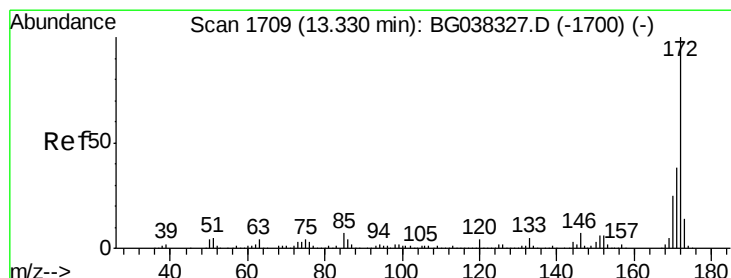
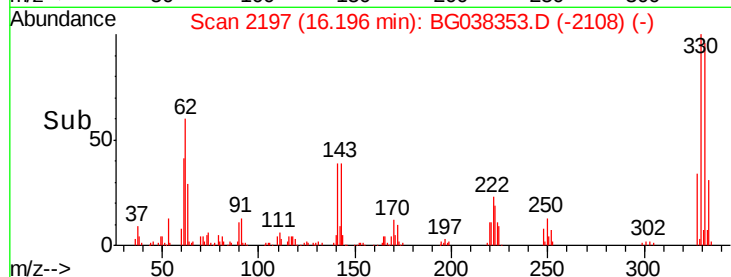
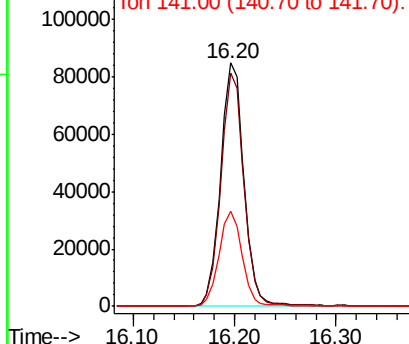
#42
 2,4,6-Tribromophenol
 Concen: 136.779 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038353.D
 Acq: 5 Dec 2018 10:24

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	38.7	32.2	48.2

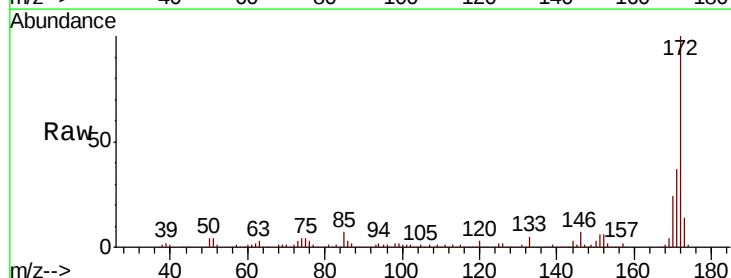


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

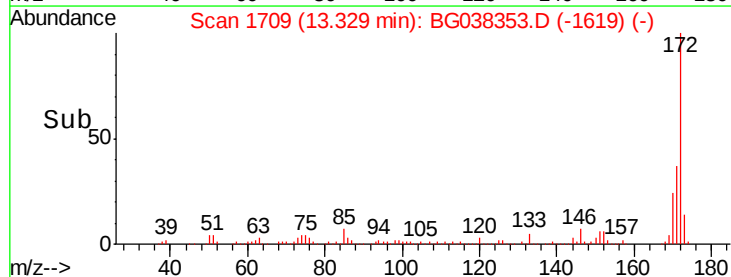
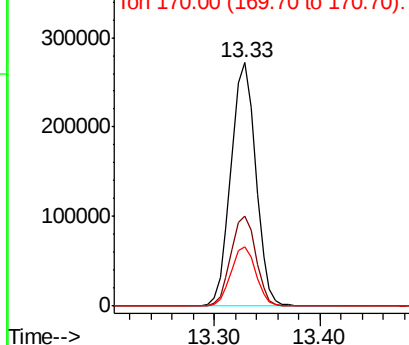


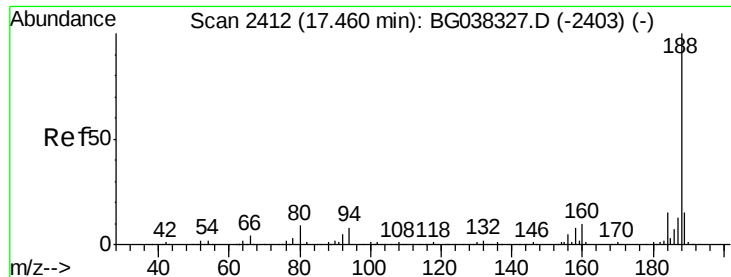
#45
 2-Fluorobiphenyl
 Concen: 77.734 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038353.D
 Acq: 5 Dec 2018 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.2	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

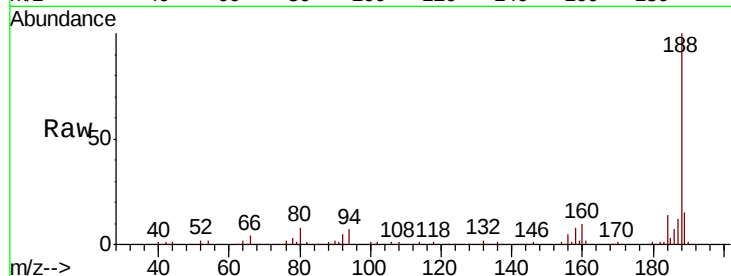




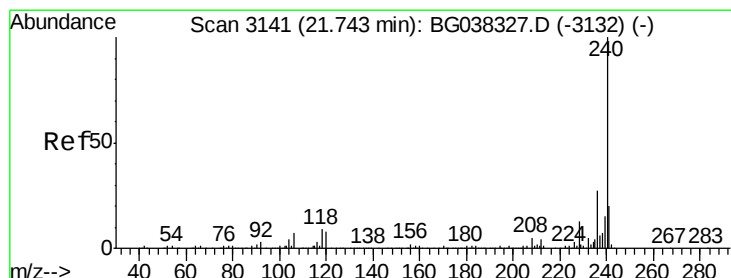
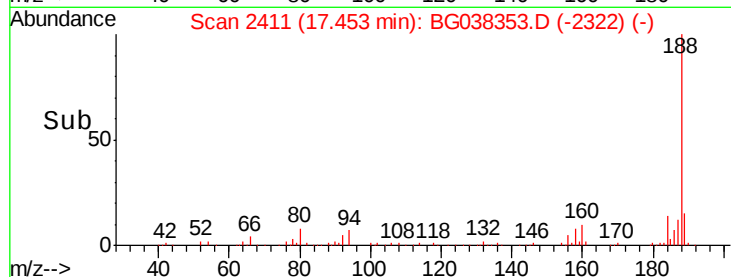
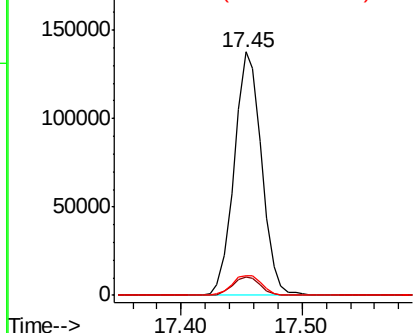
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

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

Tot Ion:188 Resp: 217672
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 8.3 7.7 11.5

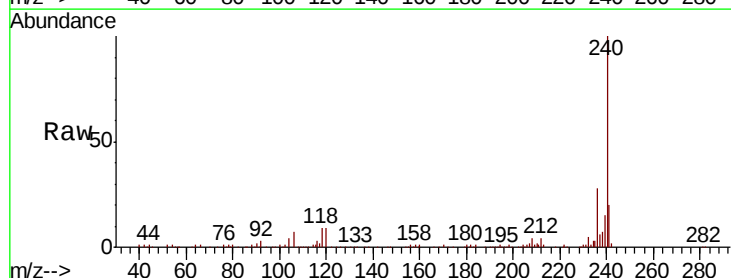


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

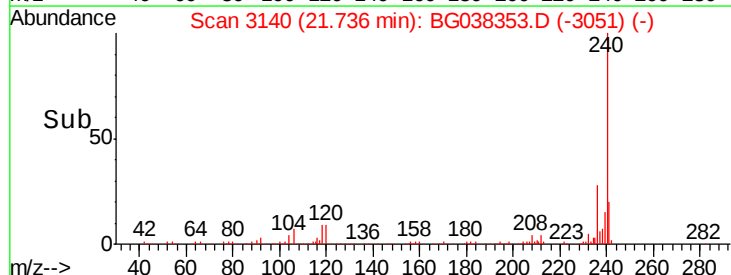
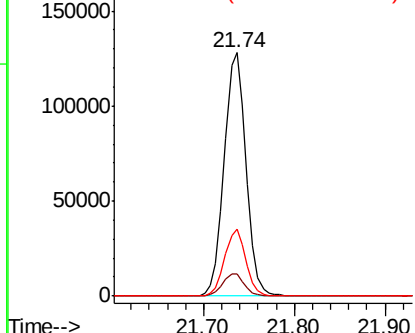


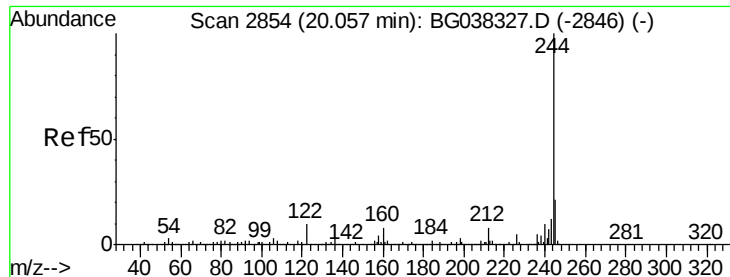
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038353.D
Acq: 5 Dec 2018 10:24

Tgt Ion:240 Resp: 214078
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 27.5 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: 82.921 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038353.D

Acq: 5 Dec 2018 10:24

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-A

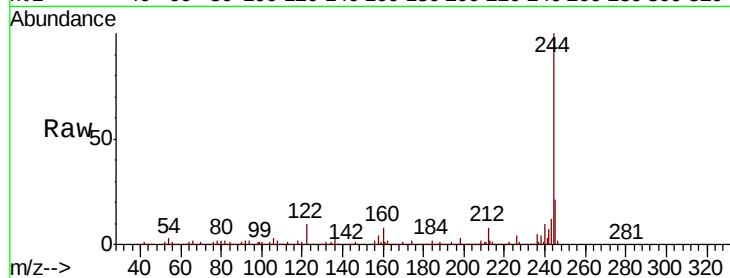
Tot Ion:244 Resp: 828635

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

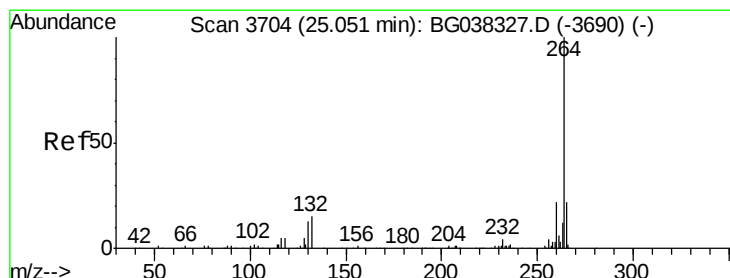
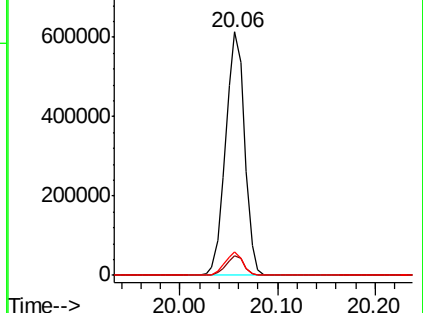
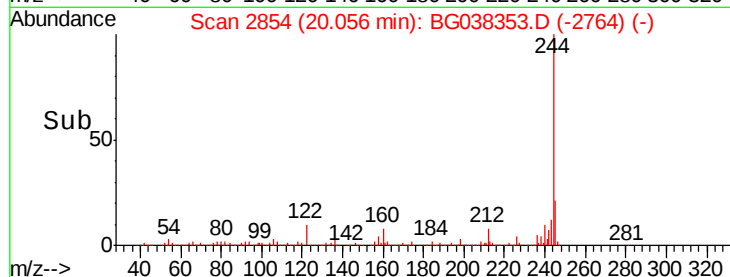
122 9.5 9.0 13.4



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: BG038353.D

Acq: 5 Dec 2018 10:24

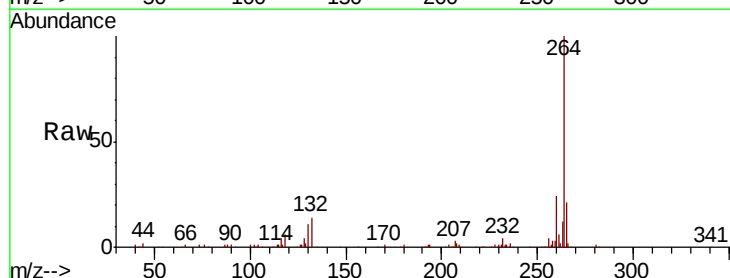
Tgt Ion:264 Resp: 223997

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 20.7 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

