

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038175.D
 Acq On : 27 Nov 2018 20:17
 Operator : JU/SJ
 Sample : J5770-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-A

Quant Time: Nov 28 04:41:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41425	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	176619	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112477	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	257693	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240073	20.00	ng	0.00
87) Perylene-d12	25.08	264	223922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	261115	108.83	ng	0.00
7) Phenol-d6	7.24	99	325258	94.97	ng	0.00
23) Nitrobenzene-d5	9.26	82	270962	82.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	124686	97.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	572283	74.12	ng	0.00
79) Terphenyl-d14	20.07	244	912416	89.43	ng	0.00

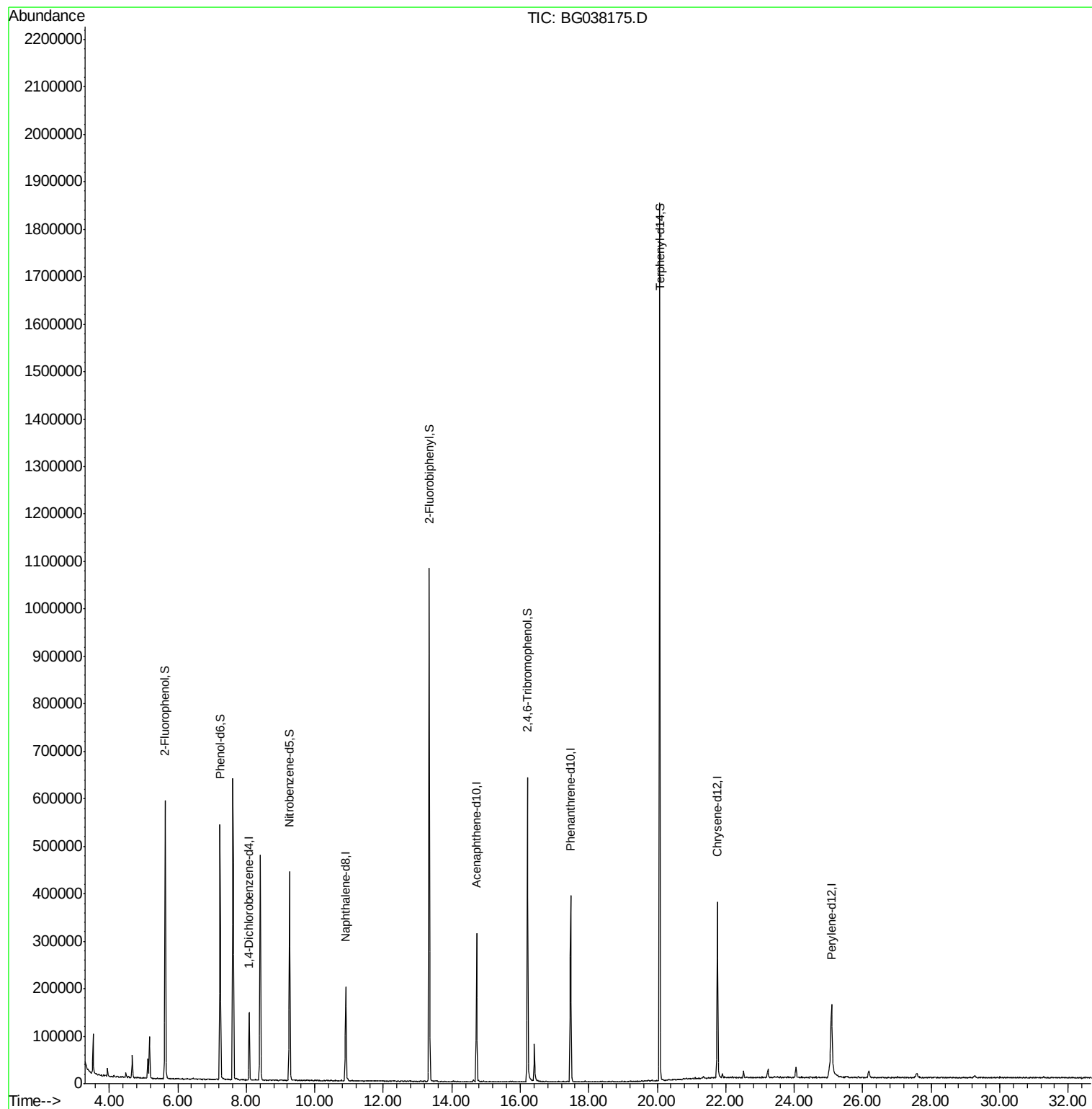
Target Compounds Qvalue

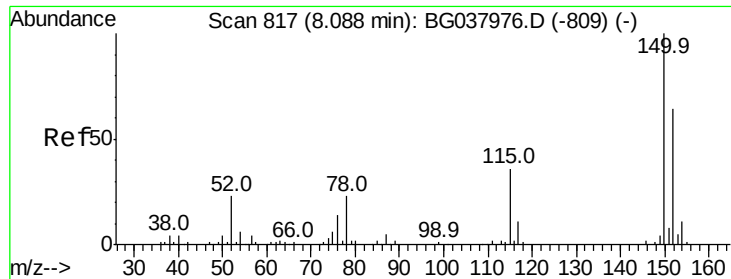
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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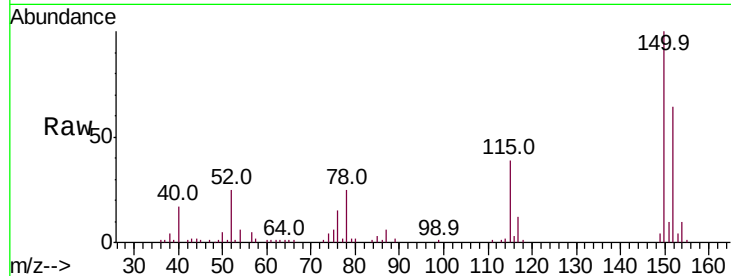


#1

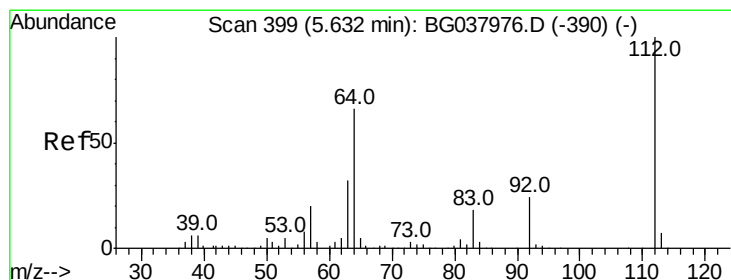
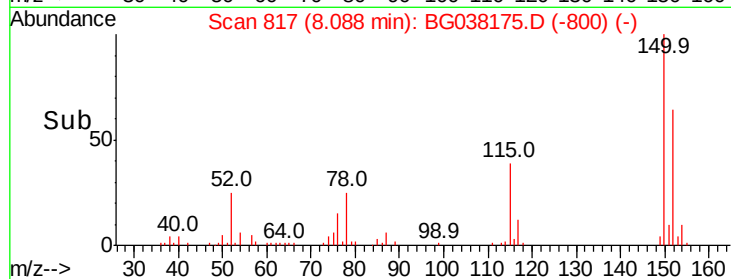
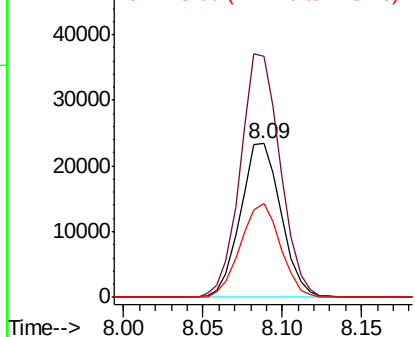
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-A

Tot Ion:152 Resp: 41425
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 61.1 45.5 68.3



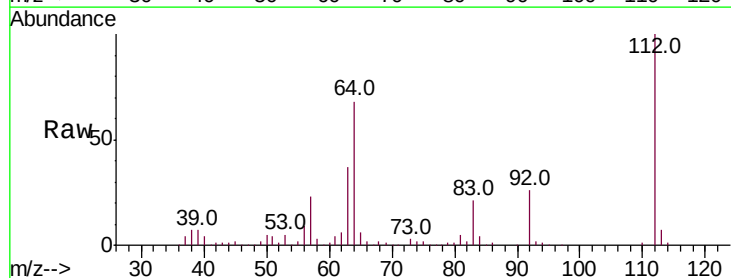
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



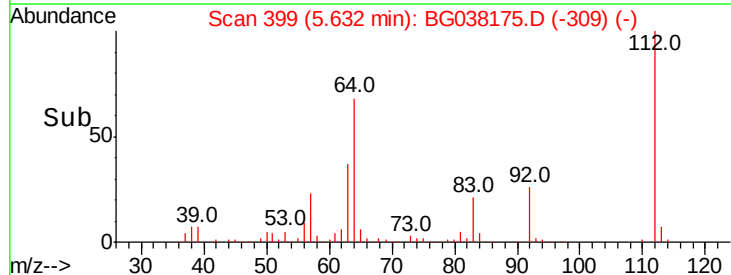
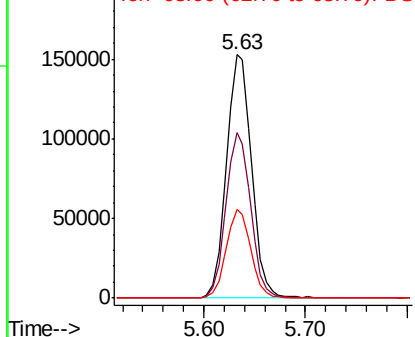
#5

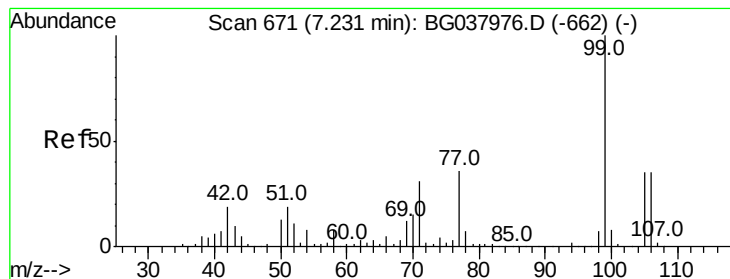
2-Fluorophenol
Concen: 108.831 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038175.D
Acq: 27 Nov 2018 20:17

Tgt Ion:112 Resp: 261115
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 36.6 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: 94.971 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

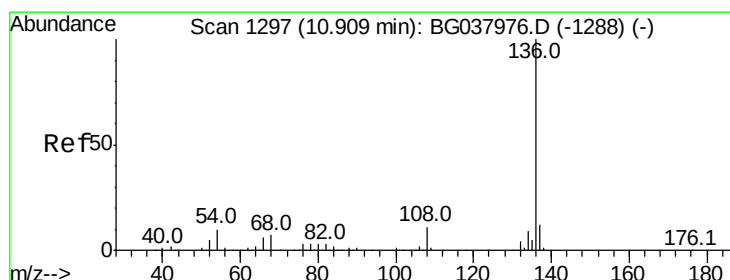
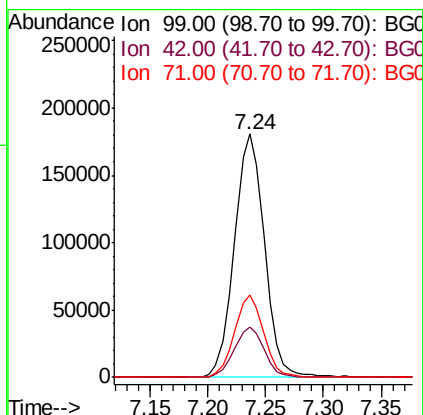
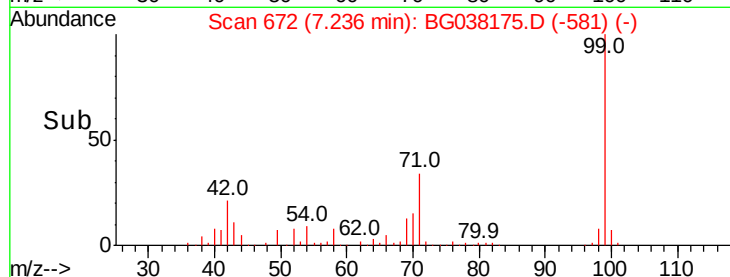
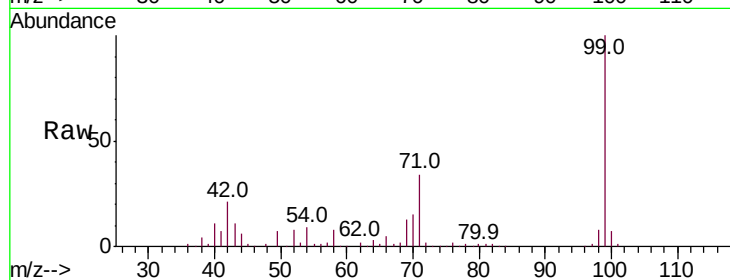
Tot Ion: 99 Resp: 325258

Ion Ratio Lower Upper

99 100

42 20.6 15.0 22.4

71 33.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Tgt Ion: 136 Resp: 176619

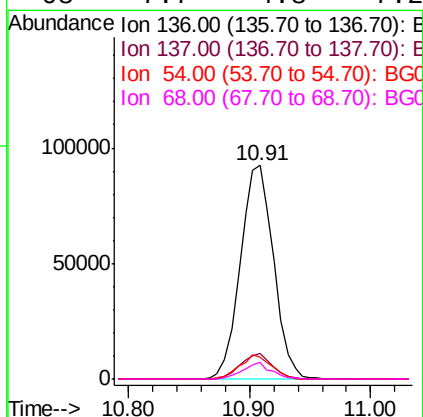
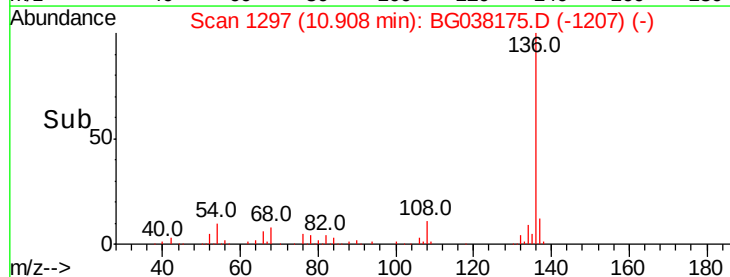
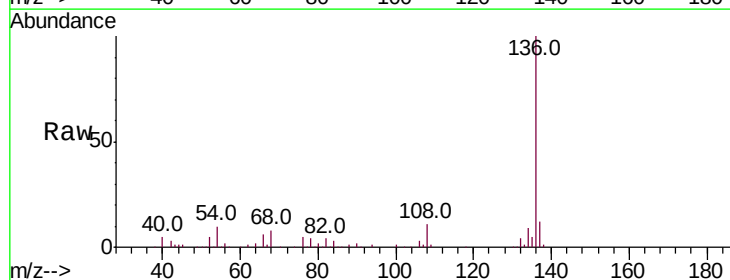
Ion Ratio Lower Upper

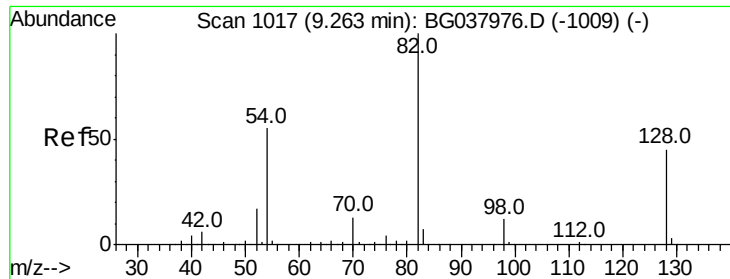
136 100

137 11.7 9.6 14.4

54 10.3 7.9 11.9

68 7.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 82.124 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

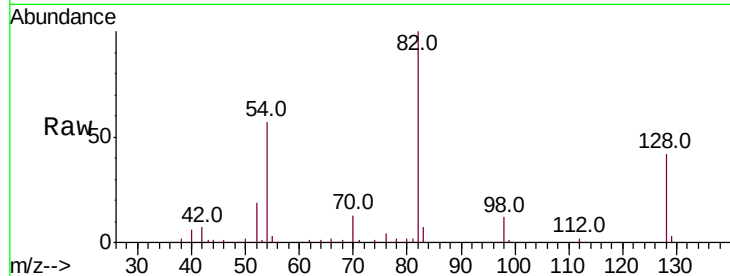
Tot Ion: 82 Resp: 270962

Ion Ratio Lower Upper

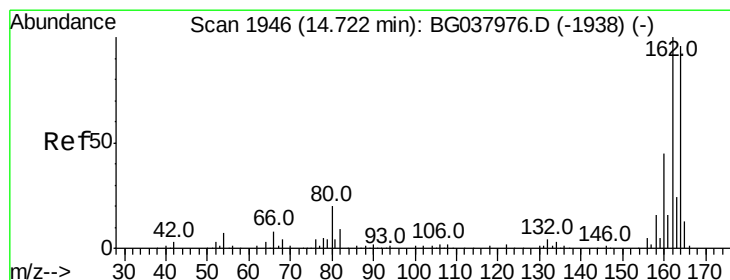
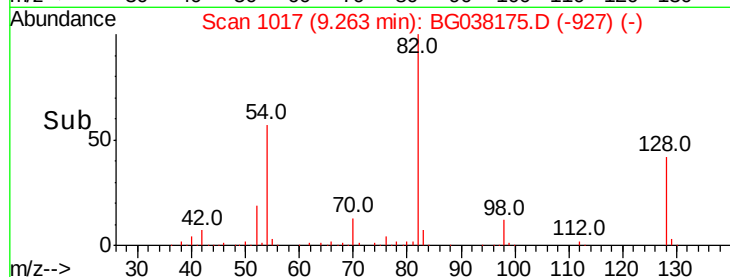
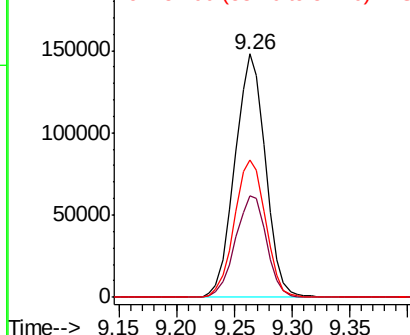
82 100

128 41.7 34.6 51.8

54 56.5 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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

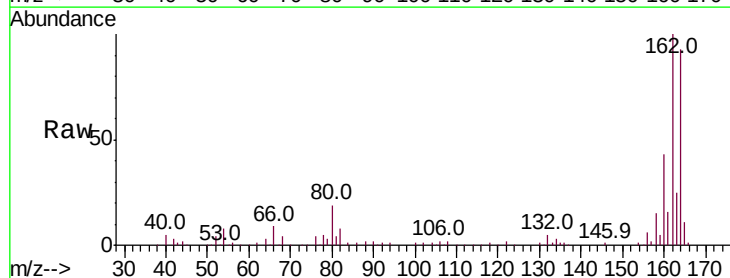
Tgt Ion:164 Resp: 112477

Ion Ratio Lower Upper

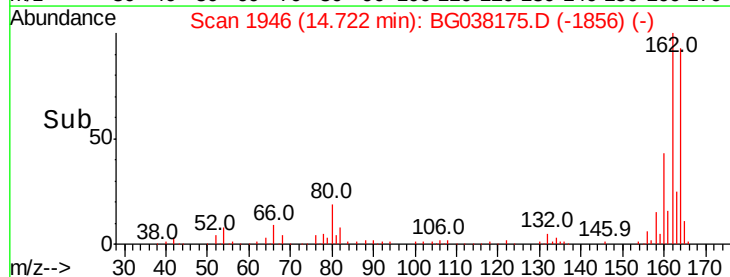
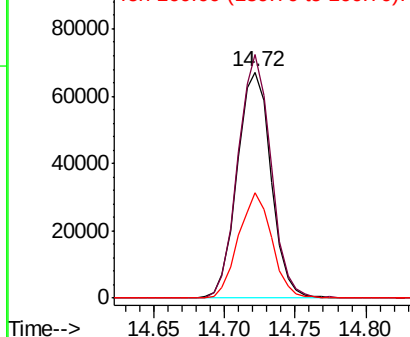
164 100

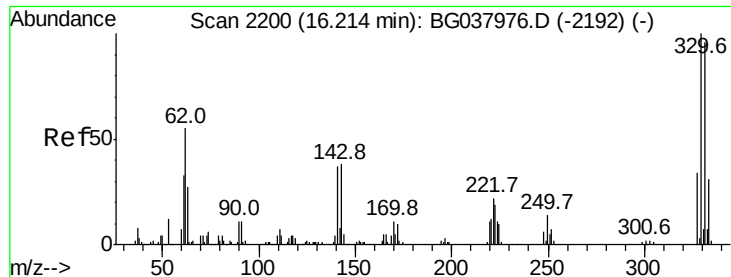
162 107.8 81.3 121.9

160 46.5 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

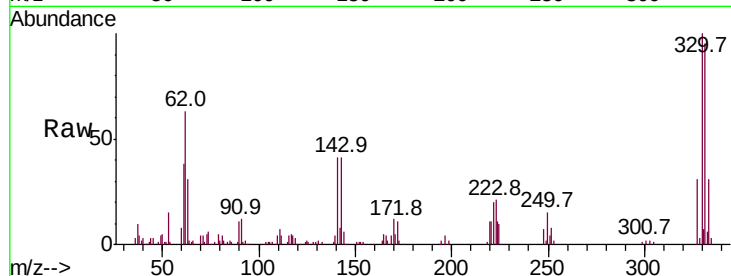




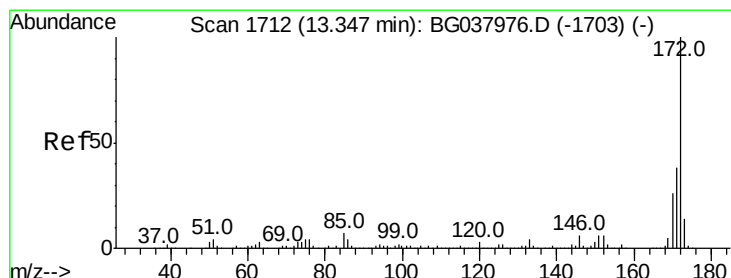
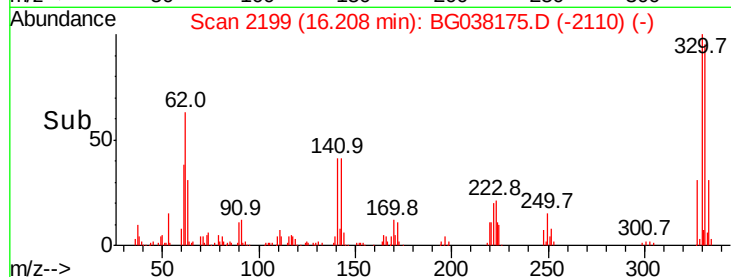
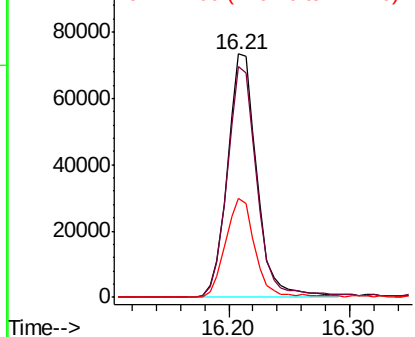
#42
 2,4,6-Tribromophenol
 Concen: 97.200 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038175.D
 Acq: 27 Nov 2018 20:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	40.9	32.2	48.2

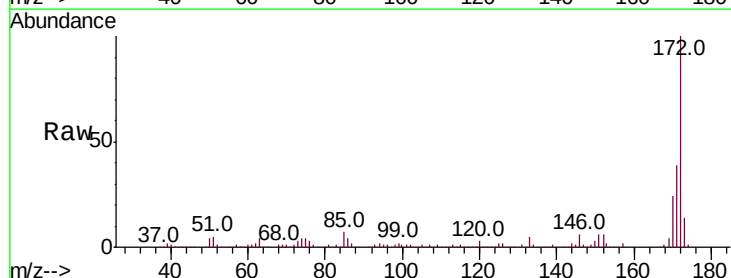


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

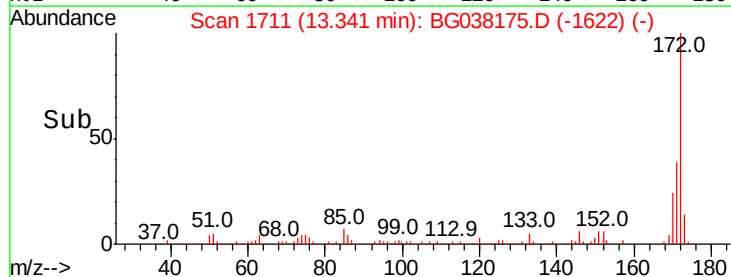
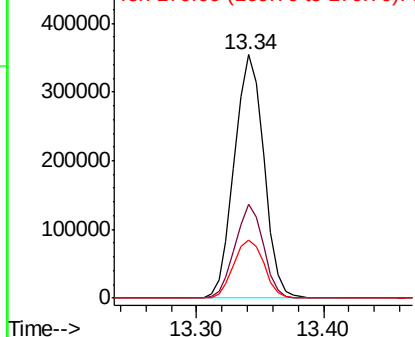


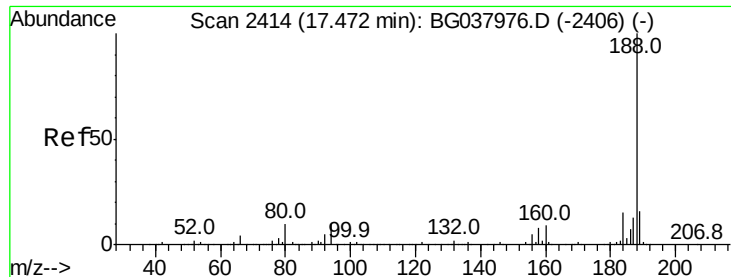
#45
 2-Fluorobiphenyl
 Concen: 74.125 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038175.D
 Acq: 27 Nov 2018 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.1	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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-A

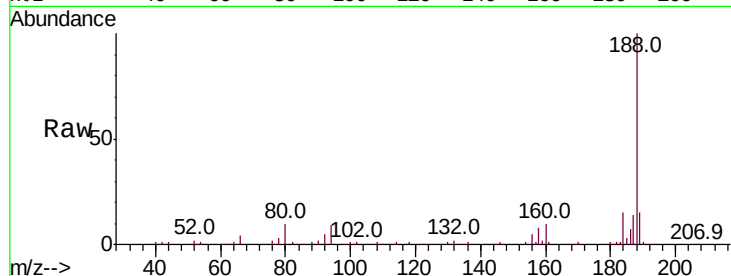
Tot Ion:188 Resp: 257693

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

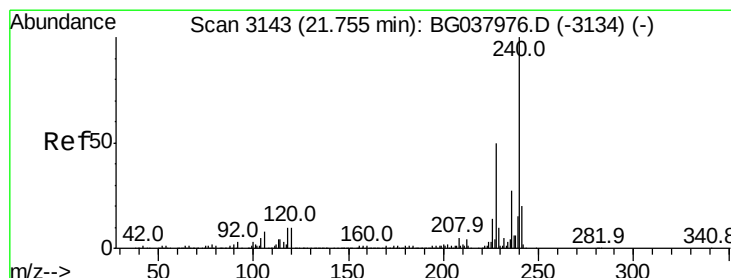
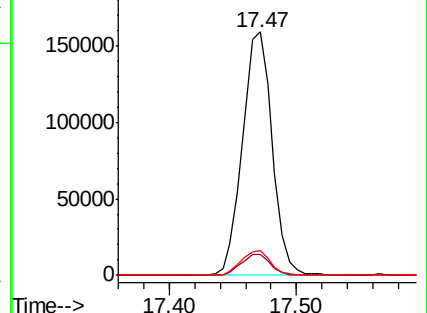
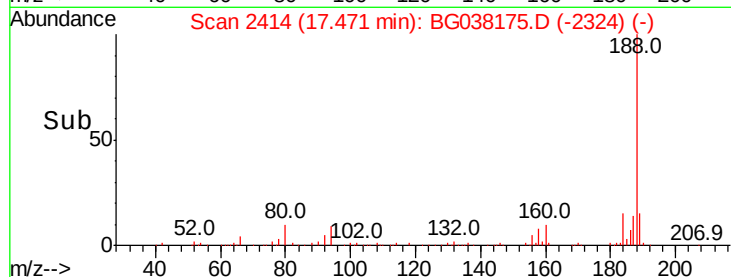
80 9.9 7.7 11.5



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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

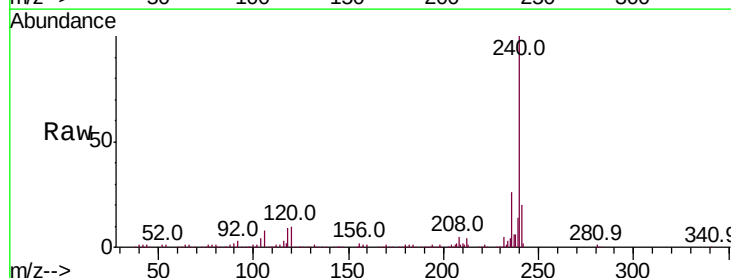
Tgt Ion:240 Resp: 240073

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

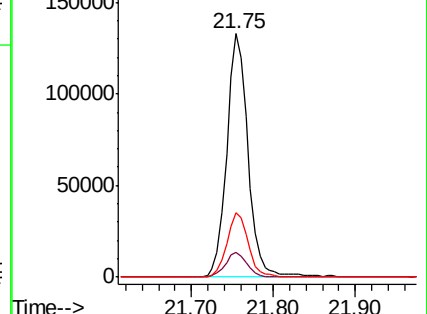
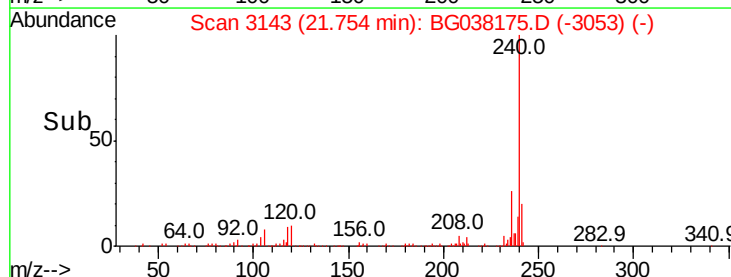
236 26.3 21.4 32.0

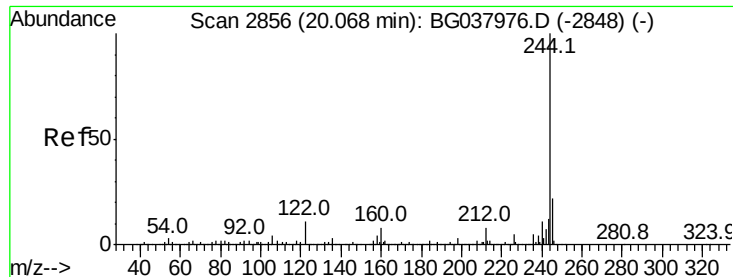


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.428 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Instrument :

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ClientSampleId :

OR-02-112118-A

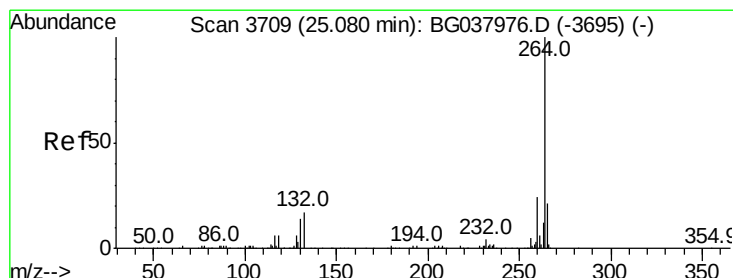
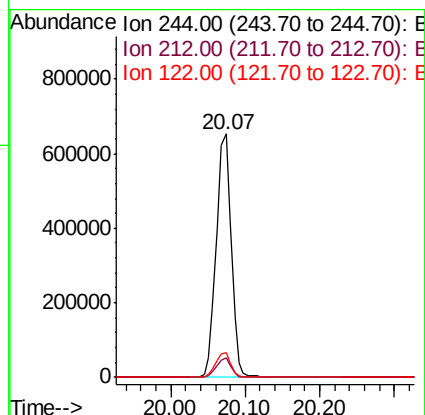
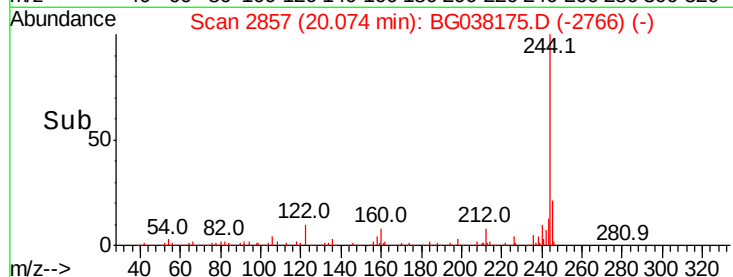
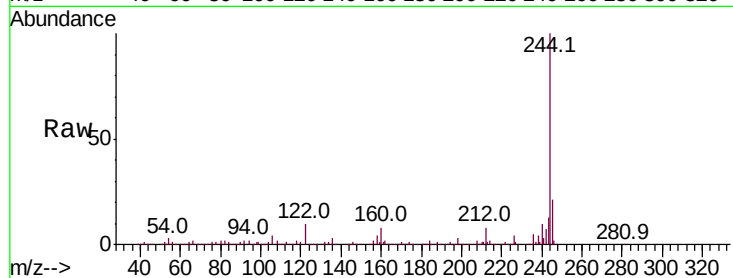
Tot Ion:244 Resp: 912416

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 10.1 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038175.D

Acq: 27 Nov 2018 20:17

Tgt Ion:264 Resp: 223922

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.0 17.9 26.9

