

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038831.D
 Acq On : 26 Dec 2018 15:36
 Operator : JU/SJ
 Sample : J6482-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R20-OS

Quant Time: Dec 26 16:13:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26221	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	114861	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	86091	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	217871	20.00	ng	0.00
76) Chrysene-d12	21.72	240	215731	20.00	ng	0.00
87) Perylene-d12	25.02	264	225433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	205117	138.75	ng	0.00
7) Phenol-d6	7.22	99	275644	135.82	ng	0.01
23) Nitrobenzene-d5	9.23	82	206858	92.00	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	223665	188.51	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	584553	93.15	ng	0.00
79) Terphenyl-d14	20.04	244	1047297	105.65	ng	0.00

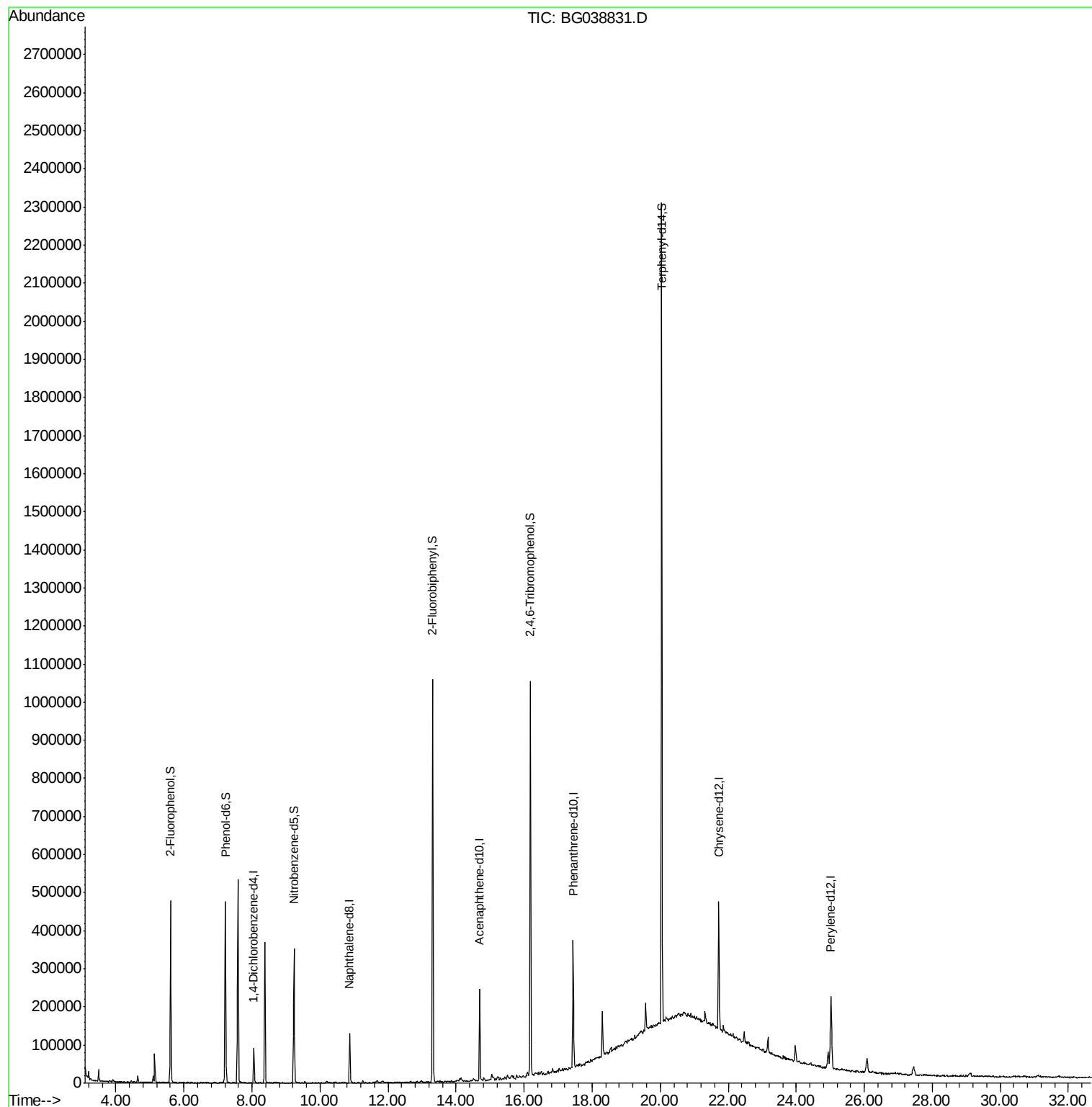
Target Compounds Qvalue

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

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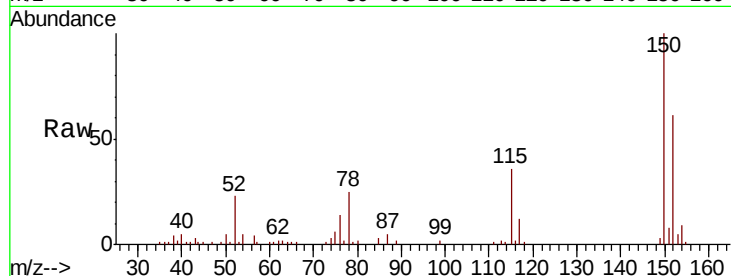


#1

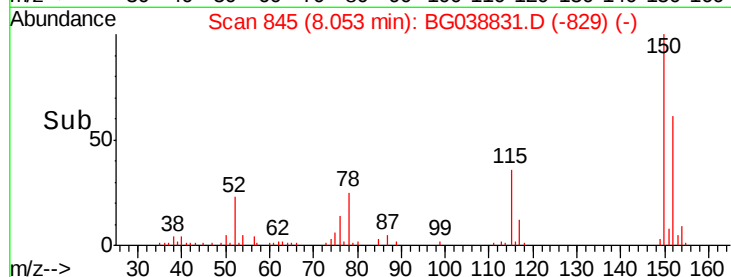
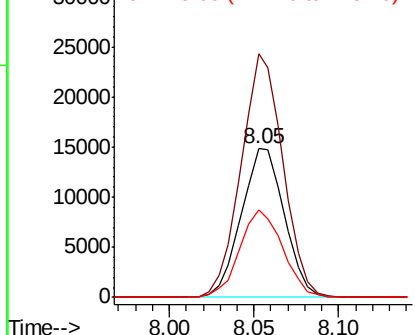
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

Instrument :
BNA_G
ClientSampleId :
R20-OS

Tot Ion:152 Resp: 26221
Ion Ratio Lower Upper
152 100
150 163.8 119.5 179.3
115 58.6 49.6 74.4



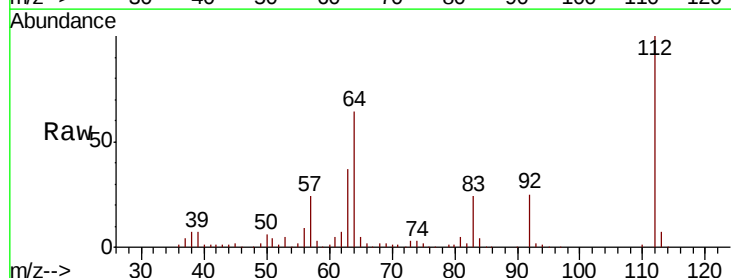
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



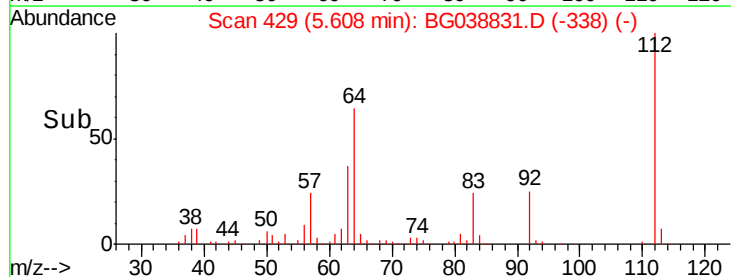
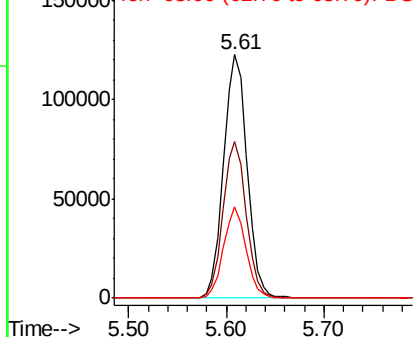
#5

2-Fluorophenol
Concen: 138.746 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

Tgt Ion:112 Resp: 205117
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 37.4 29.3 43.9



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: 135.818 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038831.D

Acq: 26 Dec 2018 15:36

Instrument :

BNA_G

ClientSampleId :

R20-OS

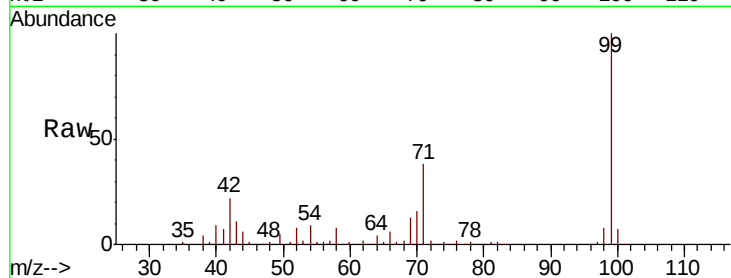
Tot Ion: 99 Resp: 275644

Ion Ratio Lower Upper

99 100

42 21.8 18.5 27.7

71 37.9 31.1 46.7

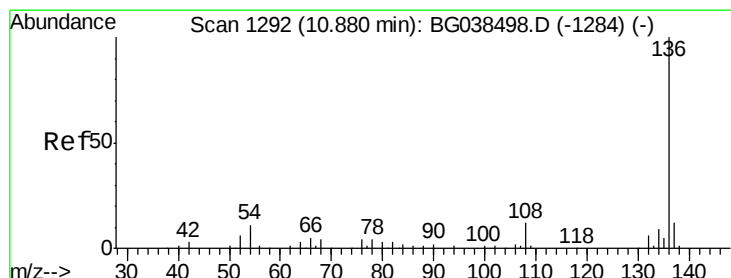
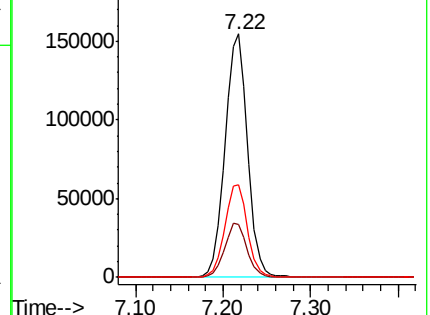
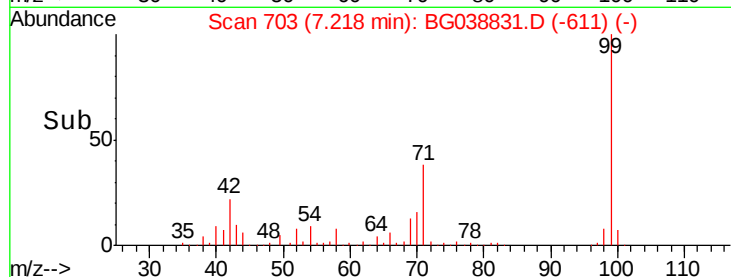


Abundance

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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038831.D

Acq: 26 Dec 2018 15:36

Tgt Ion: 136 Resp: 114861

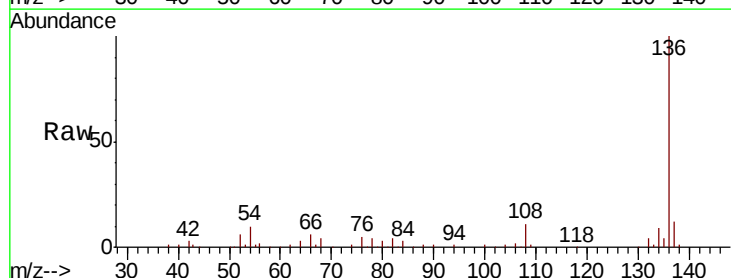
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 10.1 8.5 12.7

68 4.5 3.5 5.3



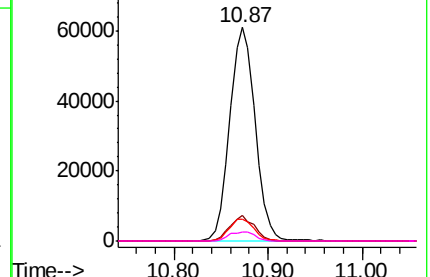
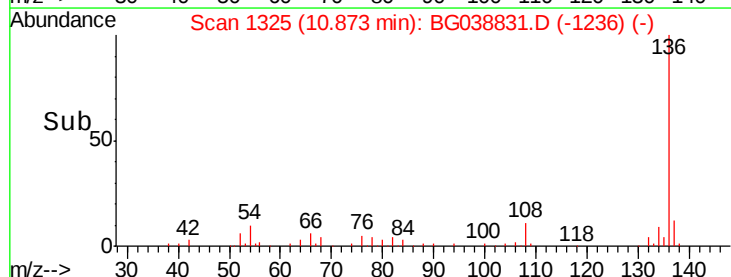
Abundance

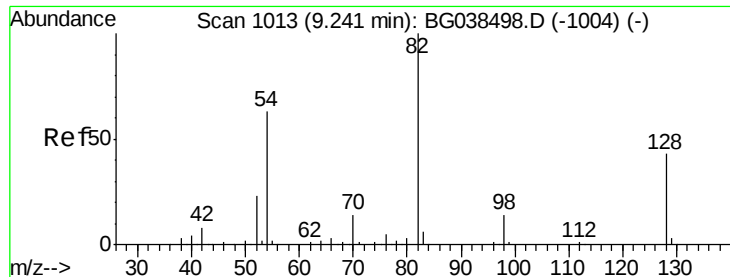
Ion 136.00 (135.70 to 136.70): BGC

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

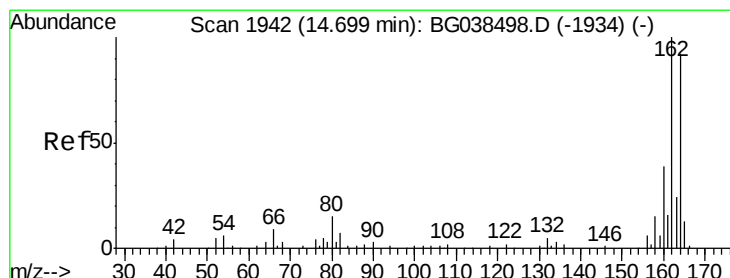
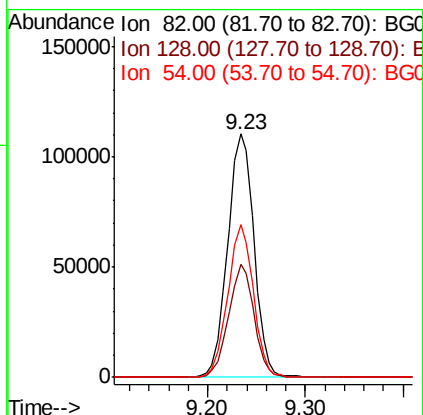
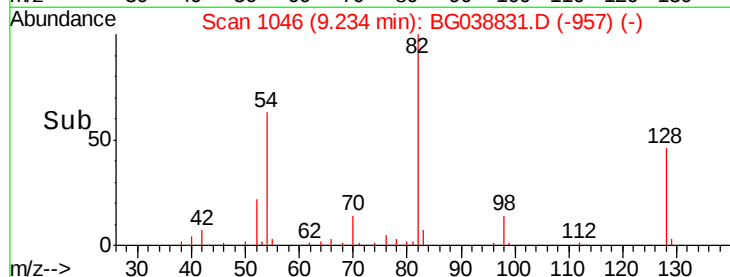
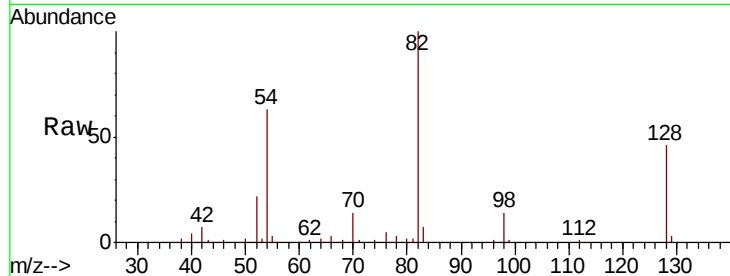




#23
Nitrobenzene-d5
Concen: 92.005 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

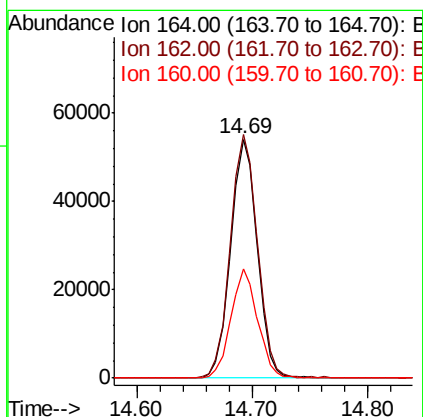
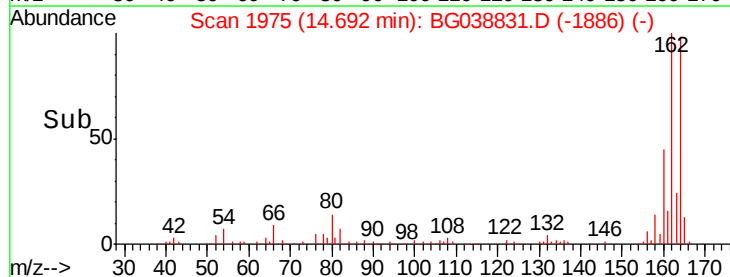
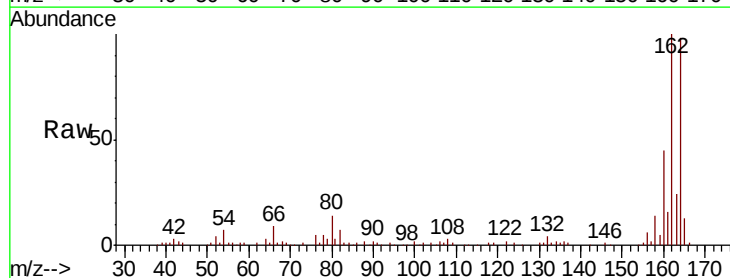
Instrument :
BNA_G
ClientSampled :
R20-OS

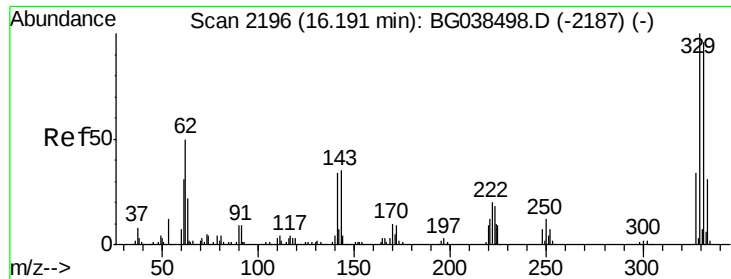
Tot Ion: 82 Resp: 206858
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 62.9 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

Tgt Ion:164 Resp: 86091
Ion Ratio Lower Upper
164 100
162 102.0 86.6 130.0
160 45.7 34.2 51.2

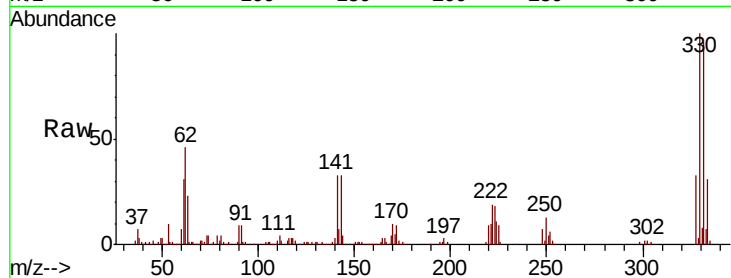




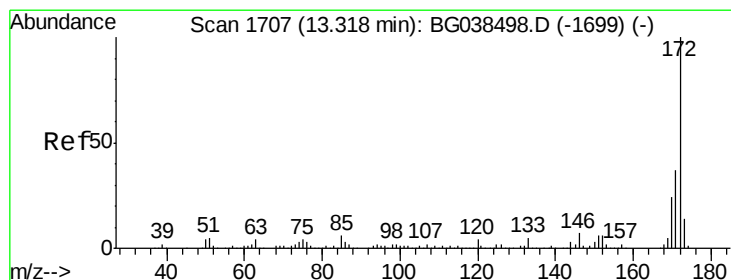
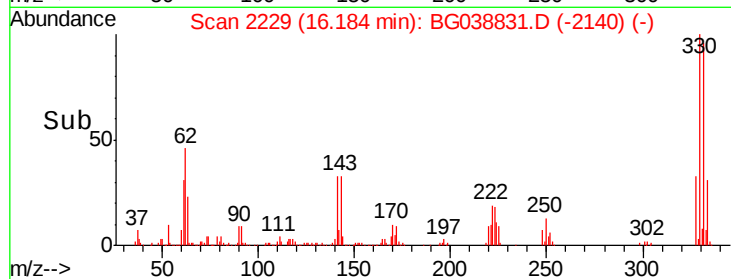
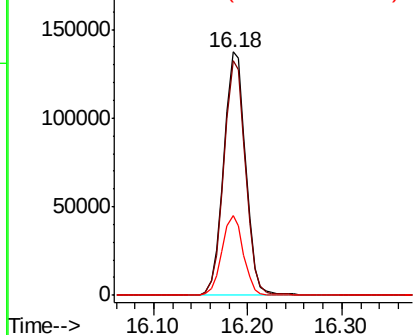
#42
 2,4,6-Tribromophenol
 Concen: 188.510 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038831.D
 Acq: 26 Dec 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :
 R20-OS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	32.3	28.8	43.2

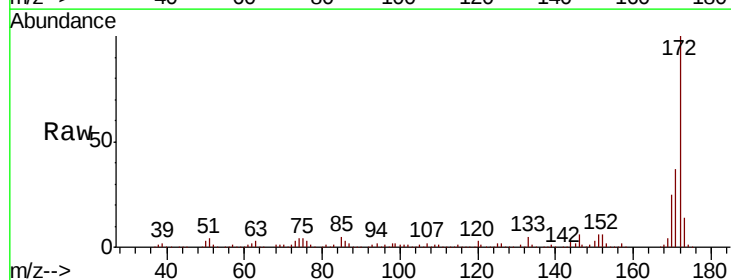


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

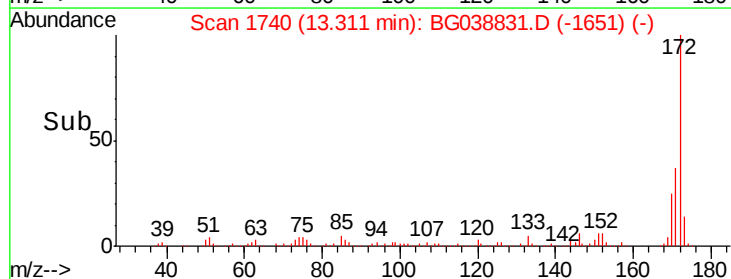
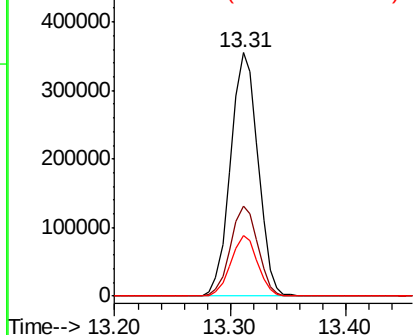


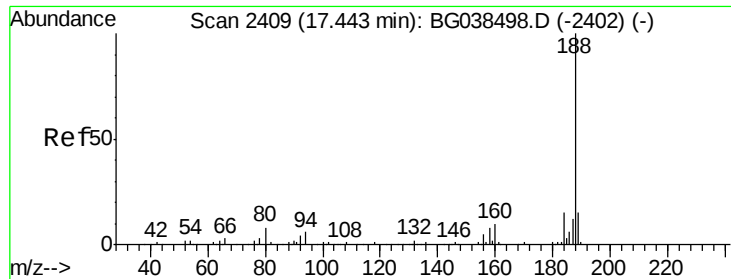
#45
 2-Fluorobiphenyl
 Concen: 93.148 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038831.D
 Acq: 26 Dec 2018 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	24.7	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

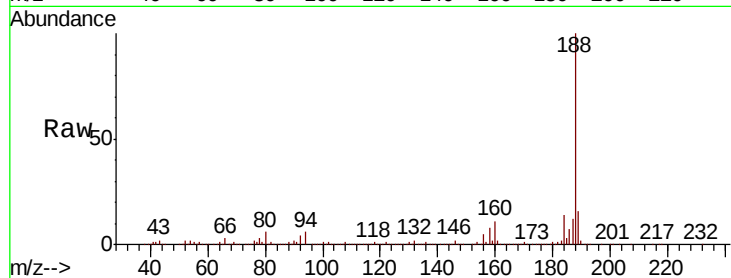




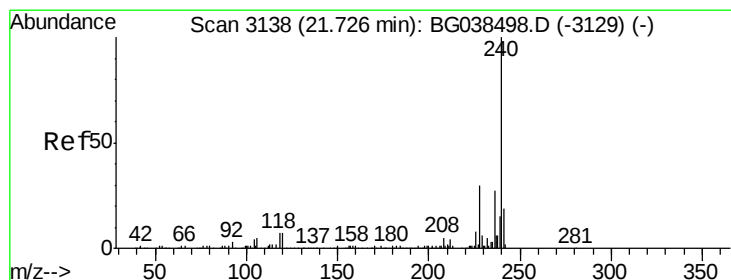
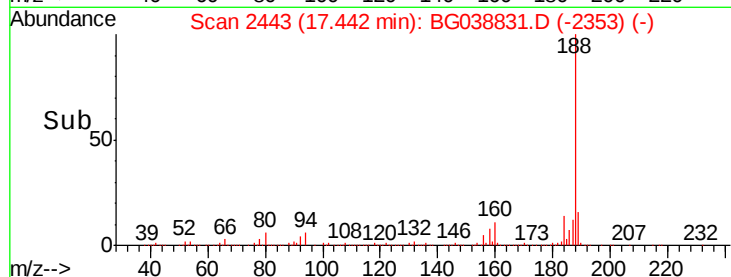
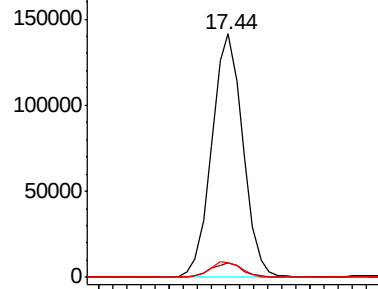
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

Instrument :
BNA_G
ClientSampleId :
R20-OS

Tot Ion:188 Resp: 217871
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.0 6.1 9.1#

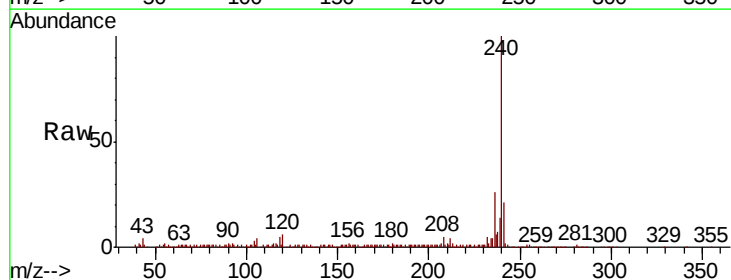


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

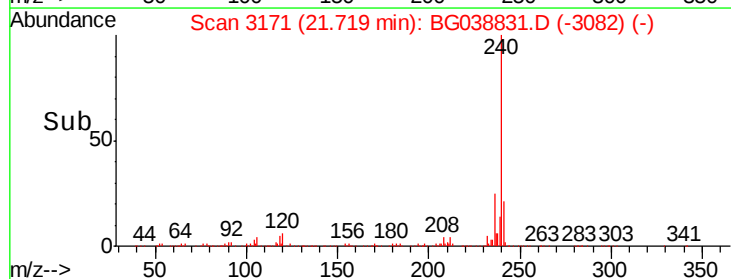
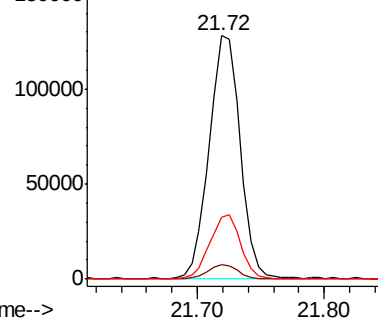


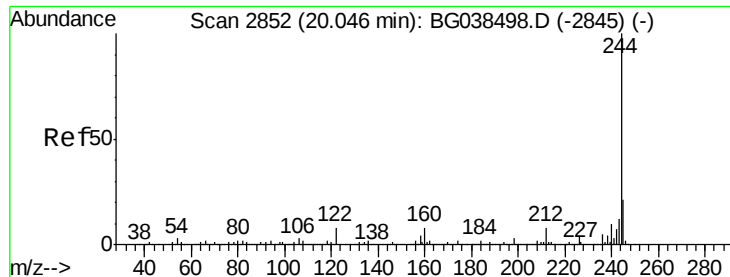
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038831.D
Acq: 26 Dec 2018 15:36

Tgt Ion:240 Resp: 215731
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.5 21.4 32.2



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: 105.653 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038831.D

Acq: 26 Dec 2018 15:36

Instrument :

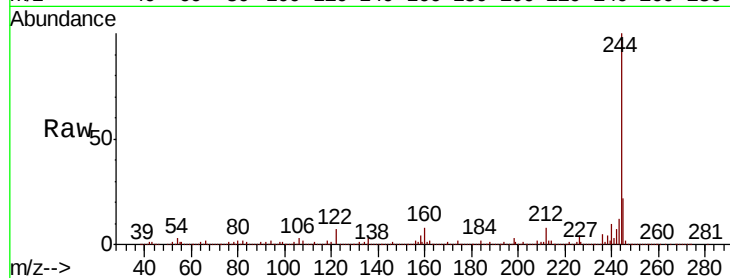
BNA_G

ClientSampleId :

R20-OS

Tot Ion:244 Resp: 1047297

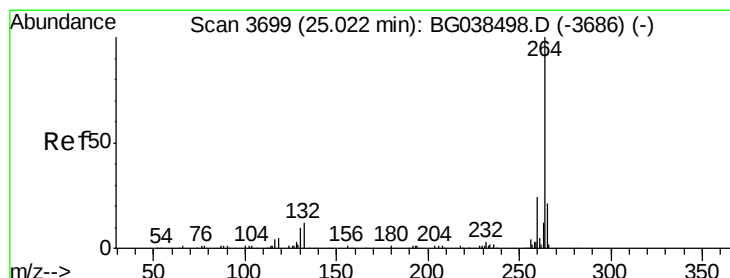
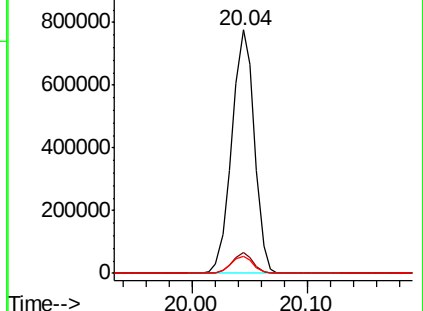
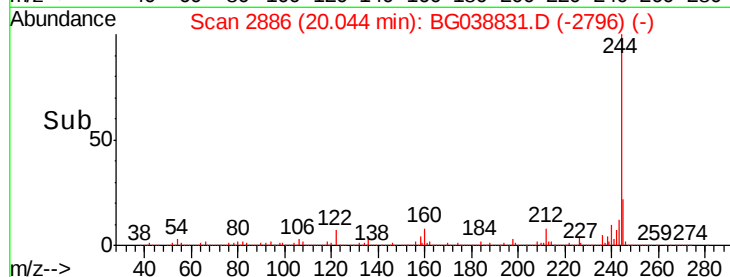
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	7.1	6.3	9.5



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: 25.02 min Scan# 3733

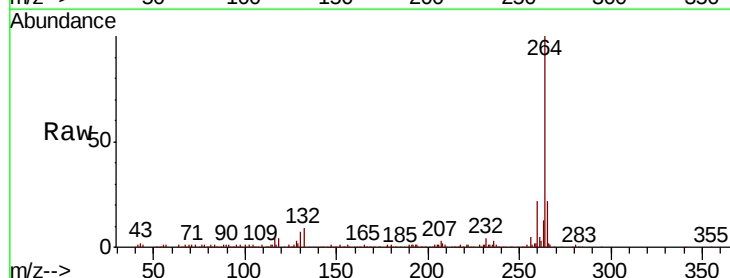
Delta R.T. -0.00 min

Lab File: BG038831.D

Acq: 26 Dec 2018 15:36

Tgt Ion:264 Resp: 225433

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	22.3	17.0	25.4



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

