

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038751.D
 Acq On : 20 Dec 2018 6:57
 Operator : JU/SJ
 Sample : J6425-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214

Quant Time: Dec 20 07:53:55 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

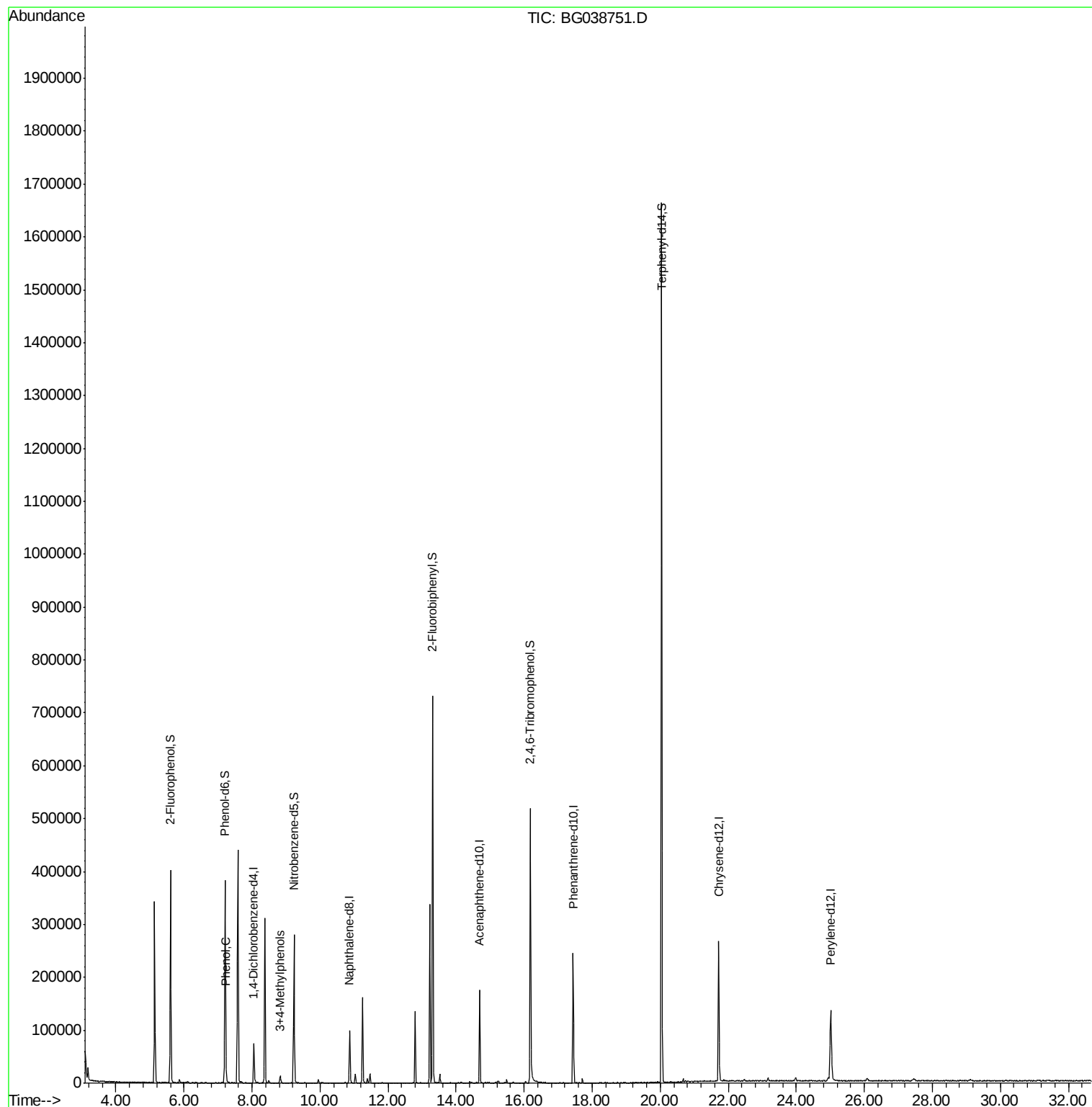
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22348	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90559	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62058	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163252	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174083	20.00	ng	0.00
87) Perylene-d12	25.01	264	178611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173844	137.97	ng	0.00
7) Phenol-d6	7.21	99	219008	126.61	ng	0.00
23) Nitrobenzene-d5	9.23	82	165123	93.15	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	117198	137.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	406871	89.94	ng	0.00
79) Terphenyl-d14	20.04	244	857567	107.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7897	4.297	ng	85
20) 3+4-Methylphenols	8.82	107	7196	4.232	ng	93

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

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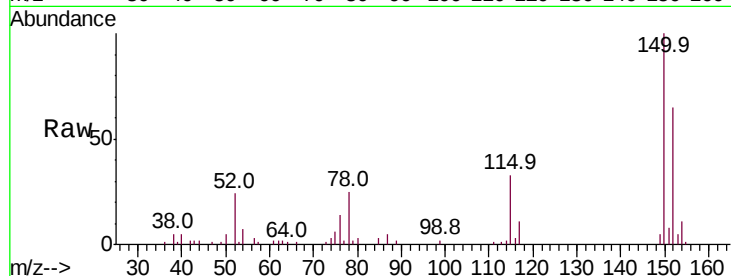


#1

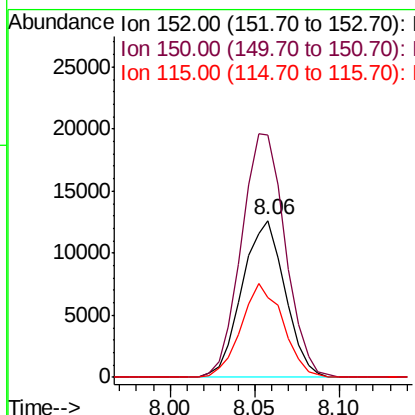
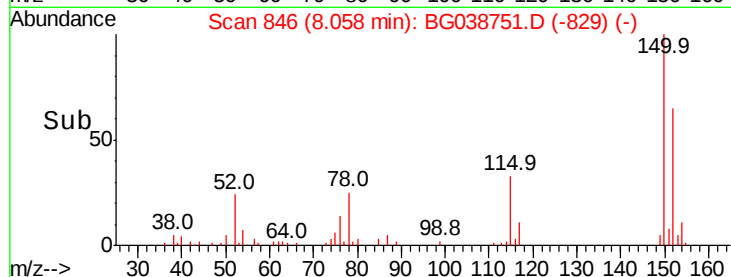
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tot Ion:152 Resp: 22348
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 50.7 49.6 74.4



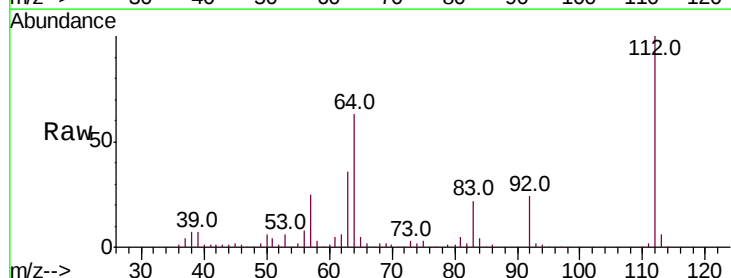
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



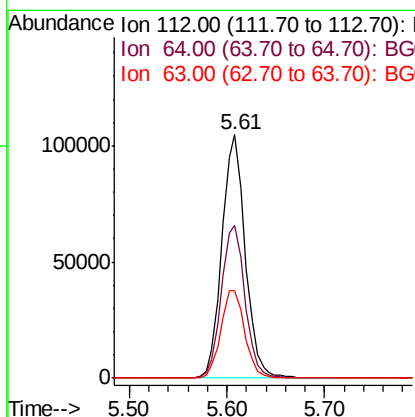
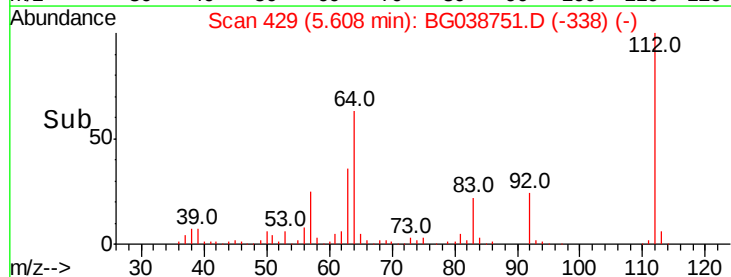
#5

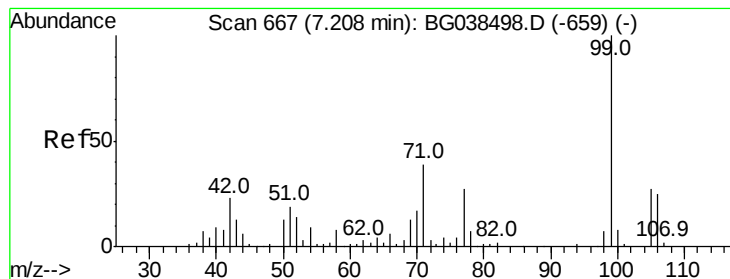
2-Fluorophenol
Concen: 137.972 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:112 Resp: 173844
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 35.8 29.3 43.9



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: 126.614 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

Instrument :

BNA_G

ClientSampleId :

WC-20181214

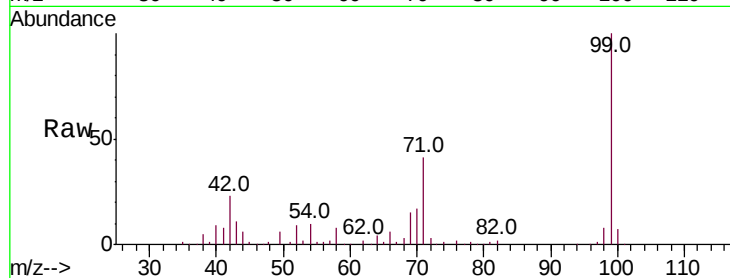
Tot Ion: 99 Resp: 219008

Ion Ratio Lower Upper

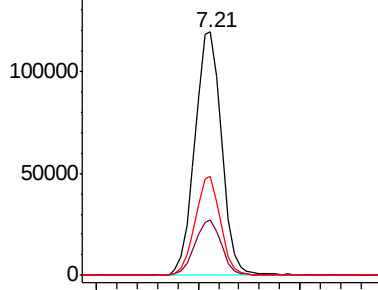
99 100

42 22.8 18.5 27.7

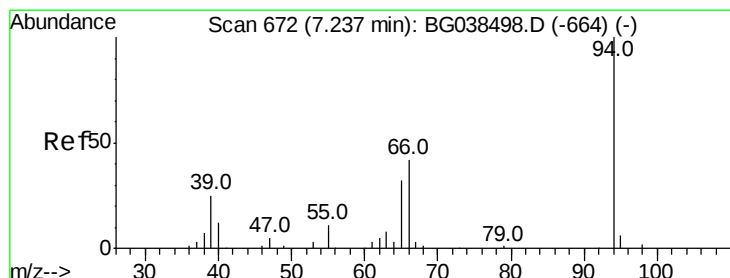
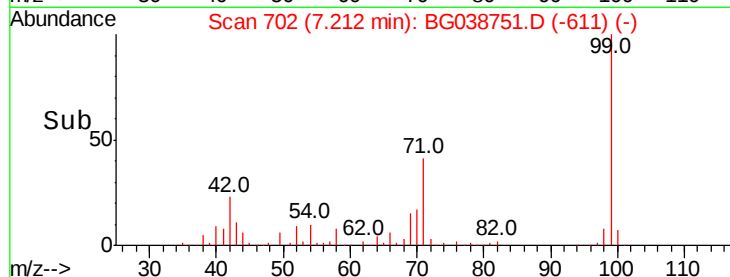
71 40.6 31.1 46.7



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



Time--> 7.10 7.20 7.30



#10

Phenol

Concen: 4.297 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

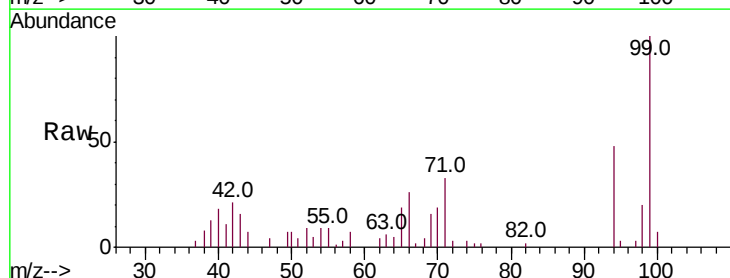
Tgt Ion: 94 Resp: 7897

Ion Ratio Lower Upper

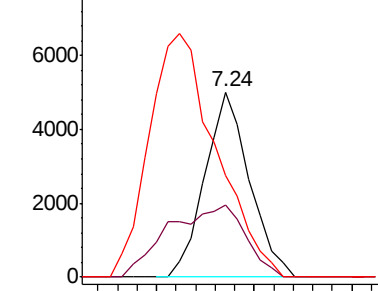
94 100

65 38.9 12.6 52.6

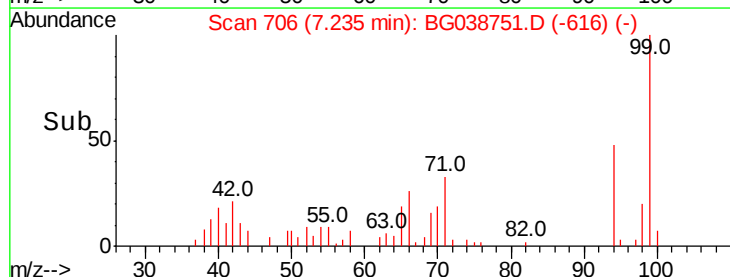
66 55.1 24.1 64.1

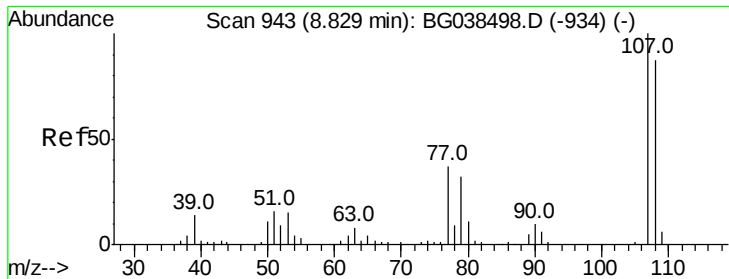


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.20 7.25 7.30

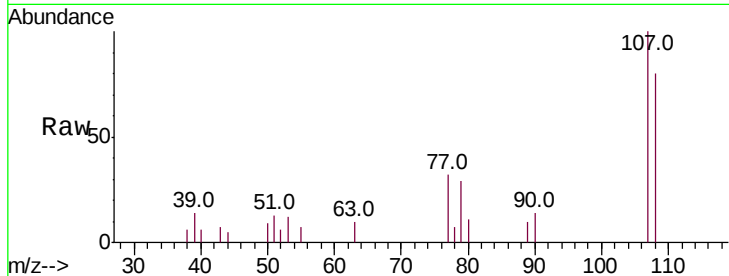




#20
3+4-Methylphenols
Concen: 4.232 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tot Ion:	107	Resp:	7196
Ion	Ratio	Lower	Upper
107	100		
108	80.2	66.7	106.7
77	32.2	17.3	57.3
79	29.3	12.3	52.3



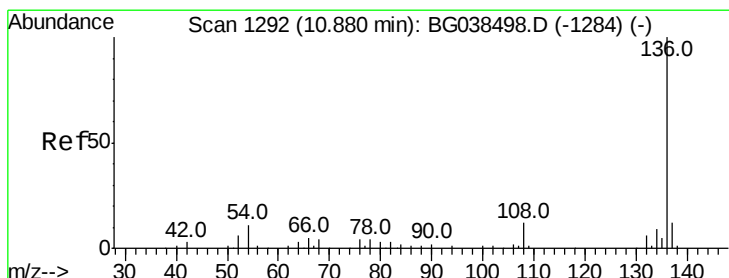
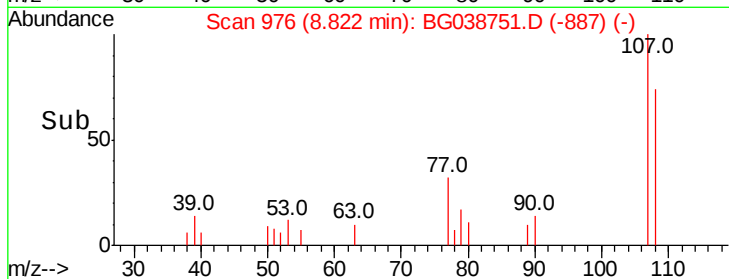
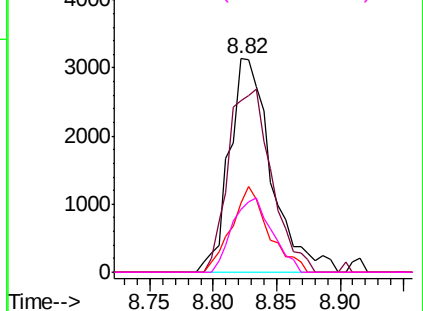
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

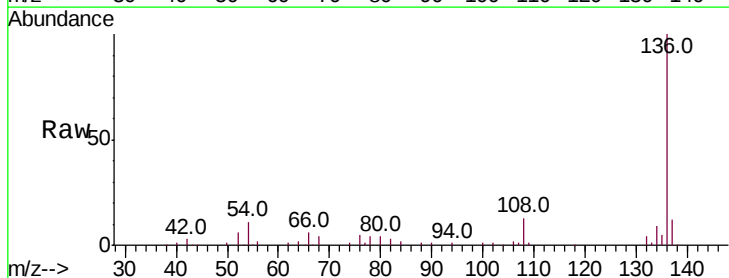
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion:	136	Resp:	90559
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	11.2	8.5	12.7
68	4.1	3.5	5.3



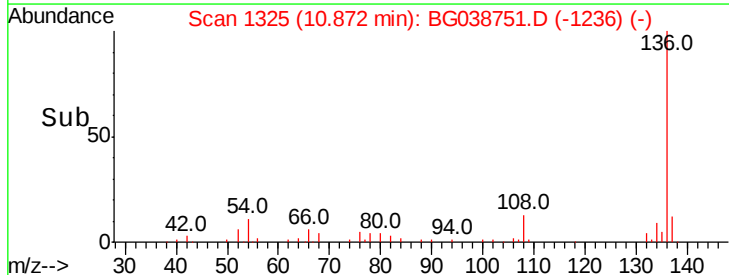
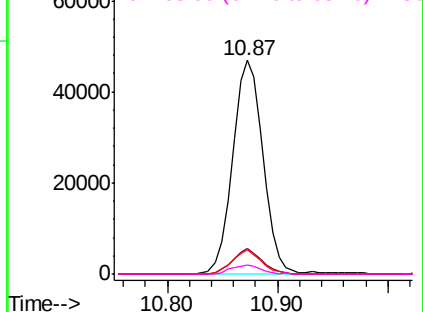
Abundance

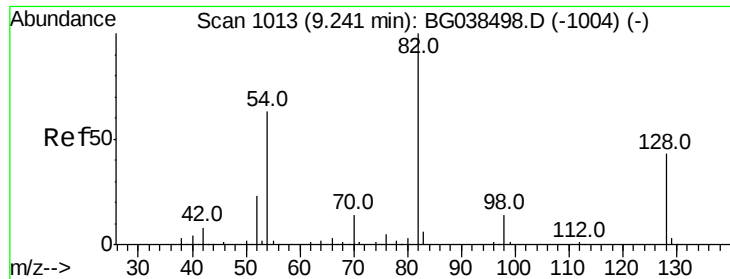
Ion 136.00 (135.70 to 136.70): E

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

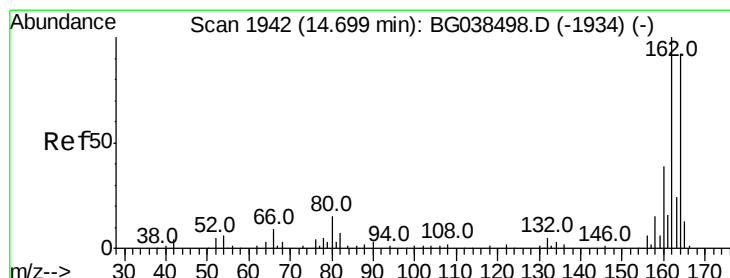
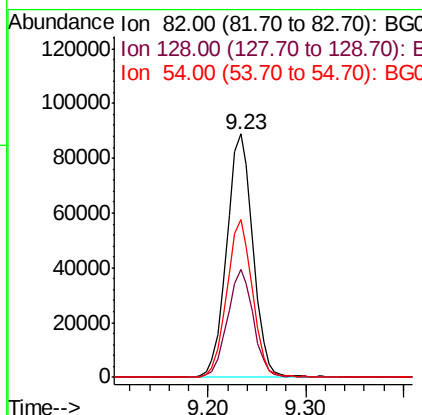
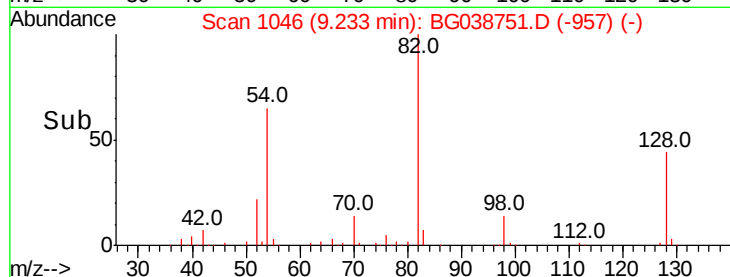
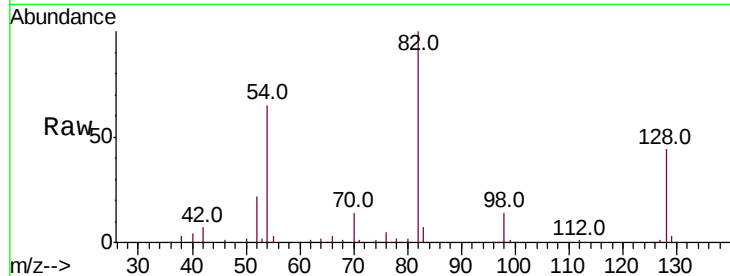




#23
 Nitrobenzene-d5
 Concen: 93.151 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038751.D
 Acq: 20 Dec 2018 6:57

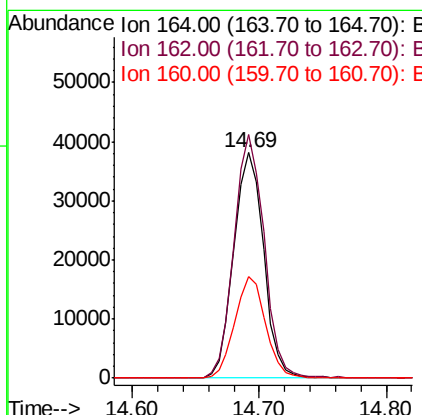
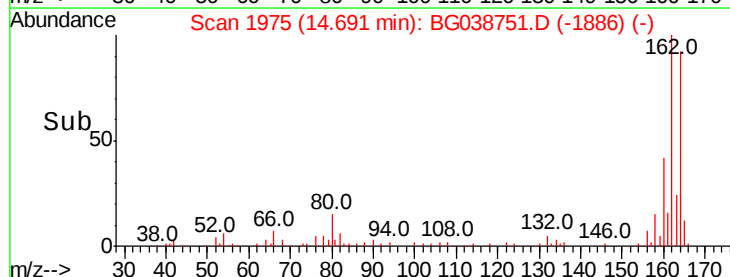
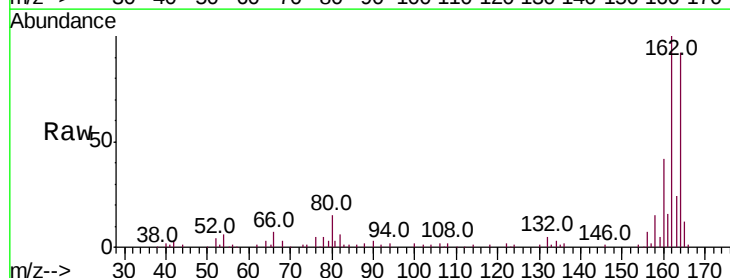
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214

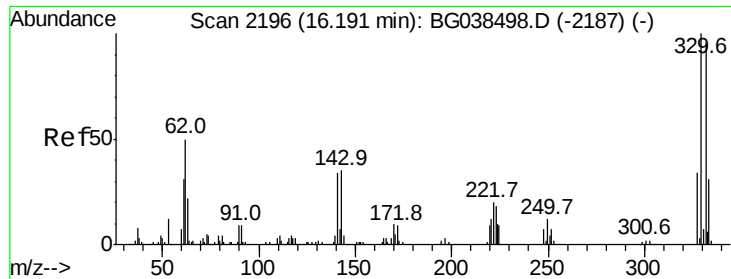
Tot Ion: 82 Resp: 165123
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 52.0
 54 64.9 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038751.D
 Acq: 20 Dec 2018 6:57

Tgt Ion: 164 Resp: 62058
 Ion Ratio Lower Upper
 164 100
 162 108.2 86.6 130.0
 160 44.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 137.030 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

Instrument :

BNA_G

ClientSampleId :

WC-20181214

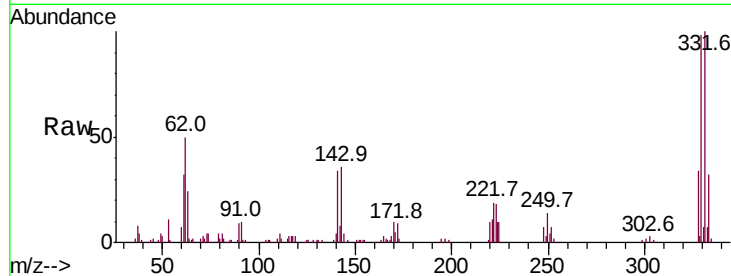
Tot Ion:330 Resp: 117198

Ion Ratio Lower Upper

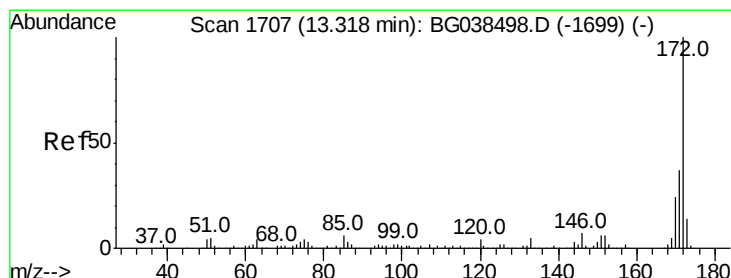
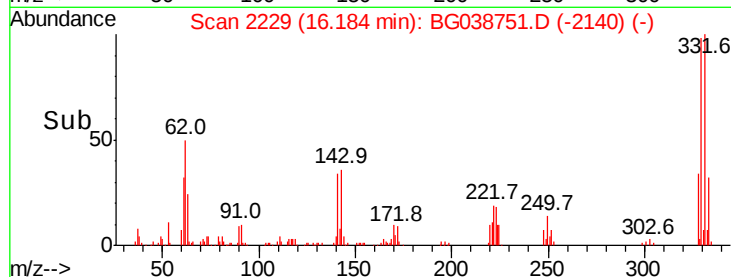
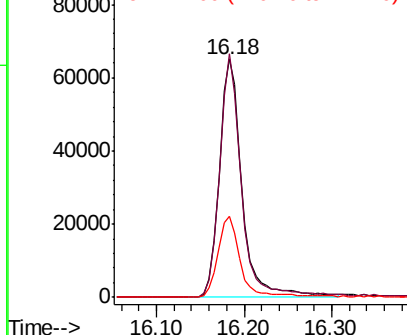
330 100

332 98.9 76.9 115.3

141 33.8 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: 89.943 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

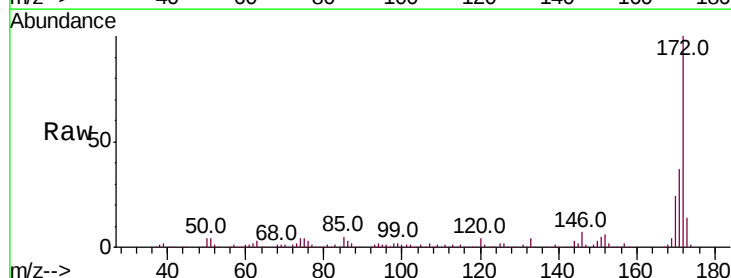
Tgt Ion:172 Resp: 406871

Ion Ratio Lower Upper

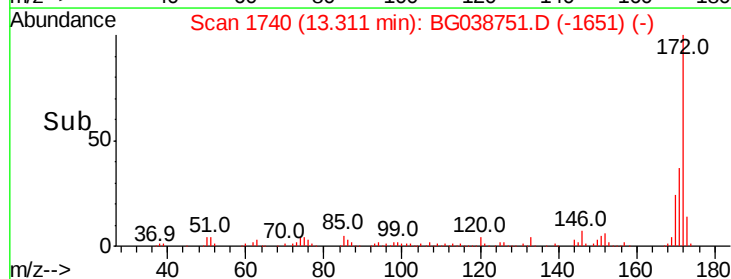
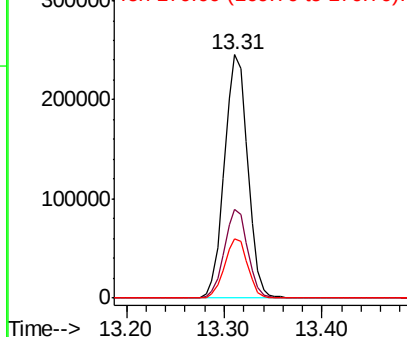
172 100

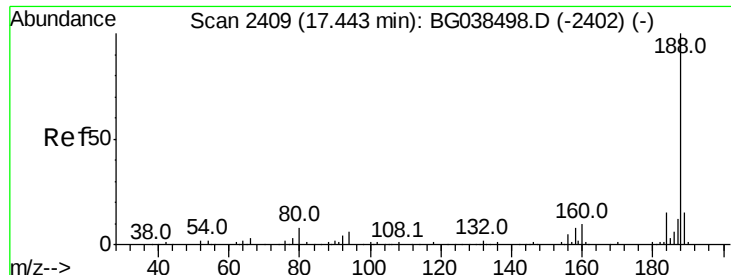
171 36.6 29.8 44.6

170 24.1 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

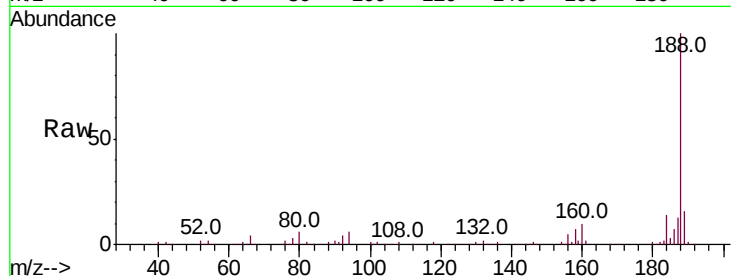




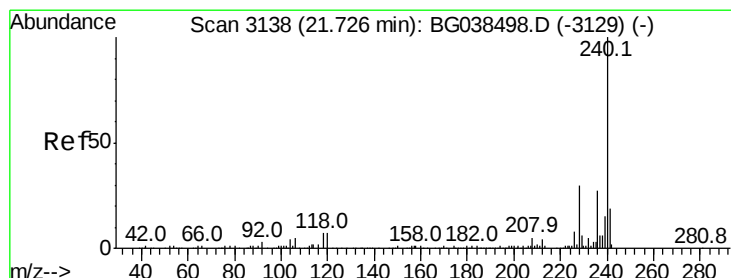
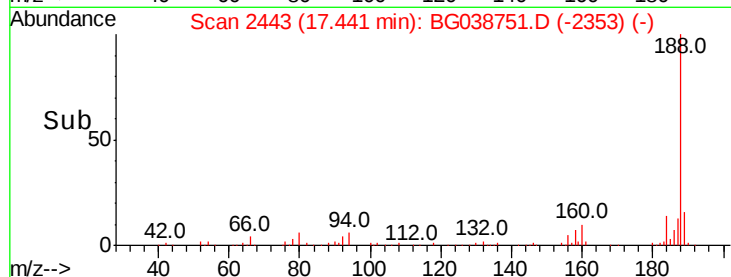
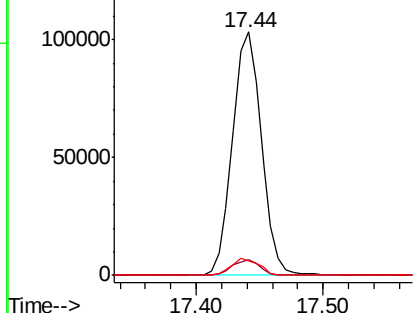
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
WC-20181214

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.2	6.1	9.1

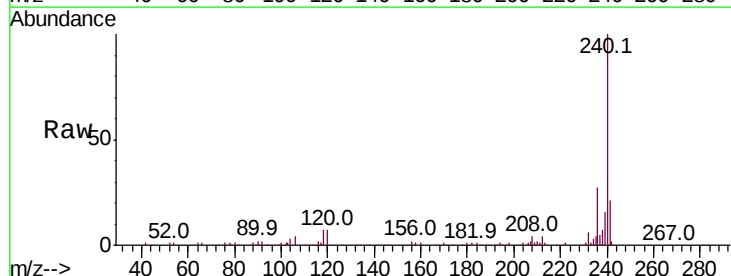


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

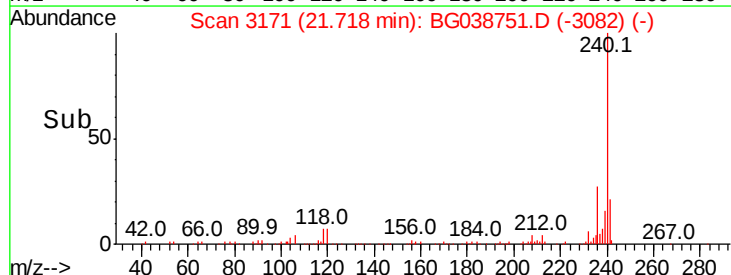
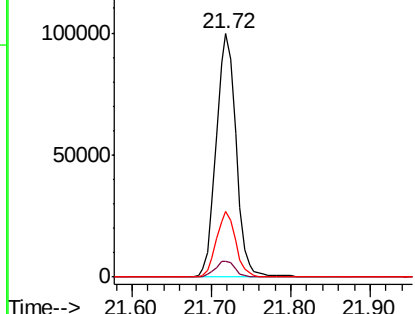


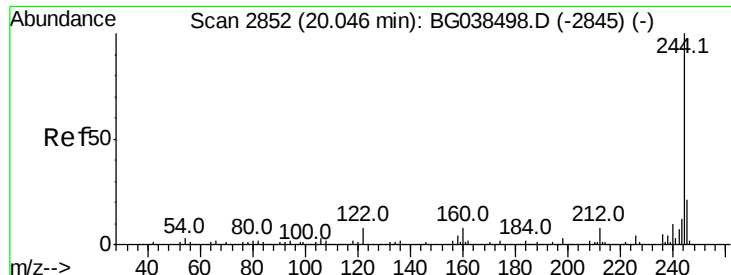
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038751.D
Acq: 20 Dec 2018 6:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.8	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: 107.210 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

Instrument :

BNA_G

ClientSampleId :

WC-20181214

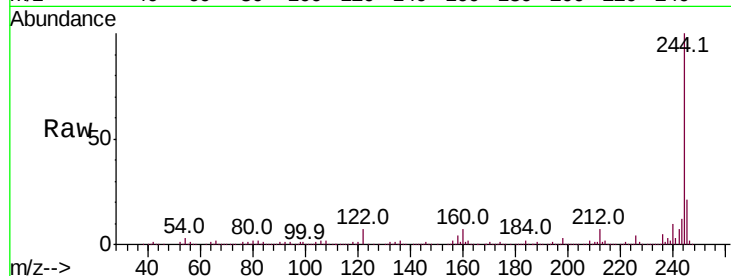
Tot Ion:244 Resp: 857567

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

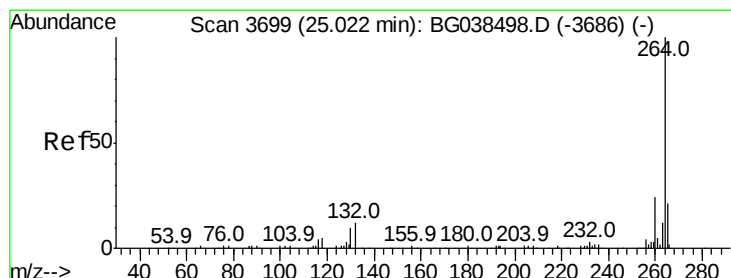
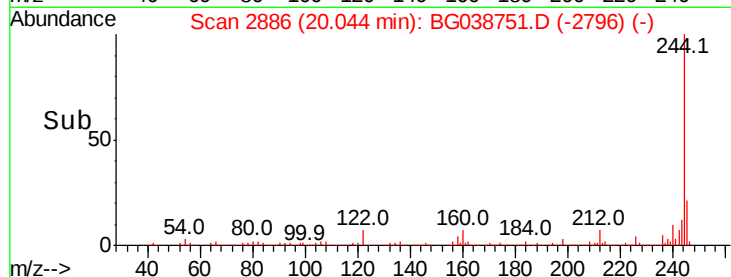
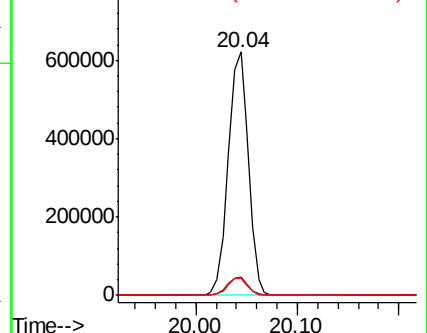
122 6.9 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038751.D

Acq: 20 Dec 2018 6:57

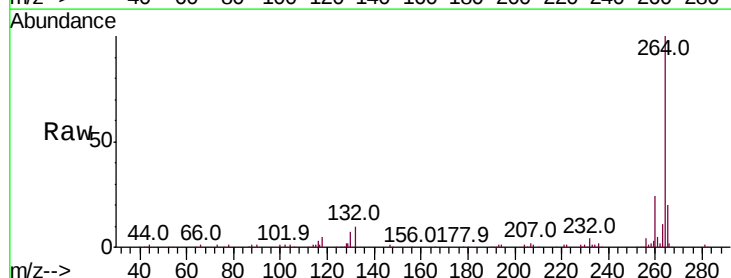
Tgt Ion:264 Resp: 178611

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 20.2 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

