

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038481.D
 Acq On : 11 Dec 2018 22:35
 Operator : JU/SJ
 Sample : J6298-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENGINE-WASH

Quant Time: Dec 12 04:08:43 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

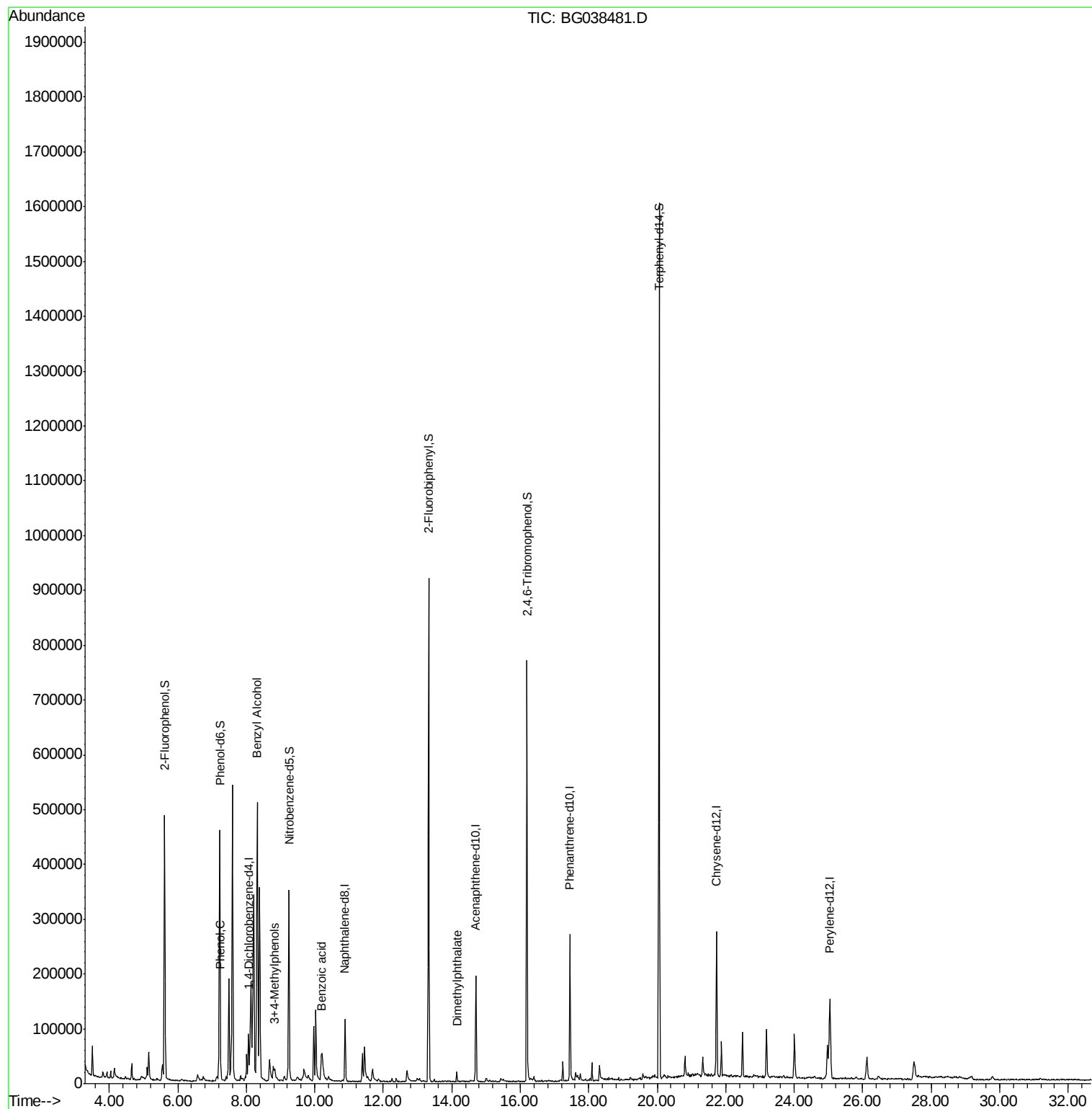
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24145	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	98305	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69220	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	170250	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	165183	20.00	ng	-0.01
87) Perylene-d12	25.04	264	175346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	210469	154.26	ng	0.00
7) Phenol-d6	7.22	99	267996	135.90	ng	0.00
23) Nitrobenzene-d5	9.25	82	201583	101.81	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	153409	180.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	484190	99.67	ng	0.00
79) Terphenyl-d14	20.06	244	818288	106.12	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8780	4.214	ng	Qvalue # 74
15) Benzyl Alcohol	8.32	79	171434	105.741	ng	94
20) 3+4-Methylphenols	8.83	107	6206	2.957	ng	89
32) Benzoic acid	10.19	122	24103	27.603	ng	96
50) Dimethylphthalate	14.15	163	13087	2.357	ng	# 92

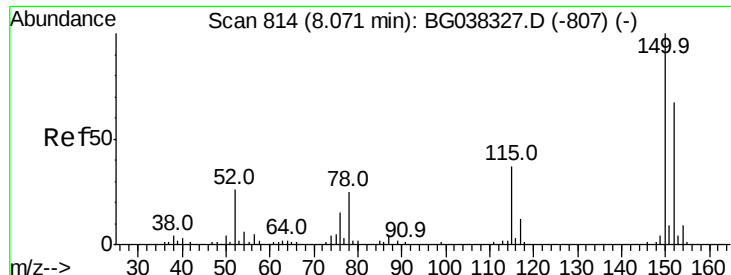
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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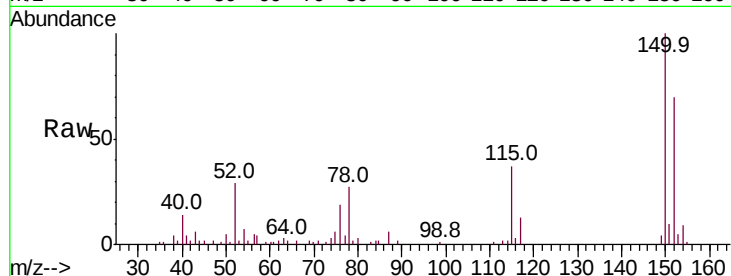


#1

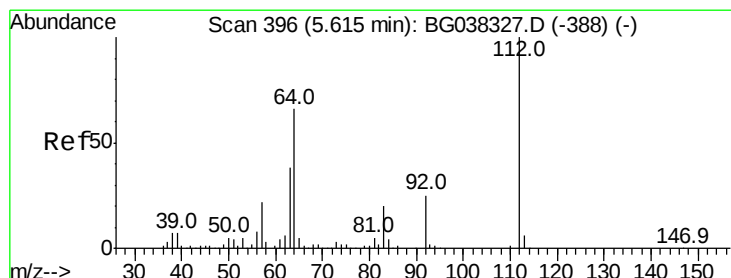
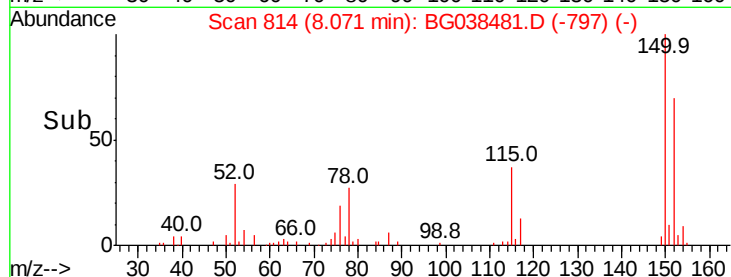
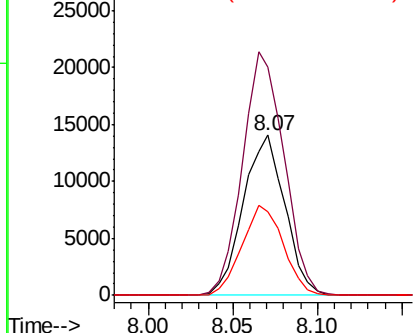
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038481.D
Acq: 11 Dec 2018 22:35

Instrument :
BNA_G
ClientSampleId :
ENGINE-WASH

Tot Ion:152 Resp: 24145
Ion Ratio Lower Upper
152 100
150 142.4 126.0 189.0
115 52.6 45.5 68.3



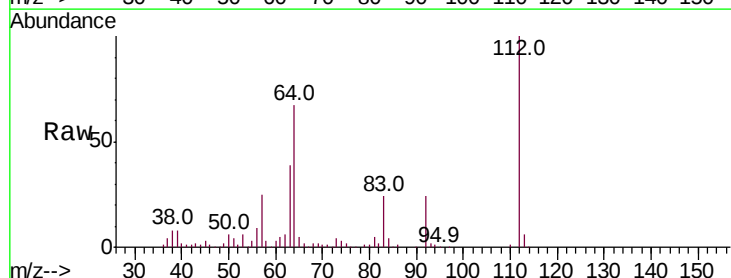
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



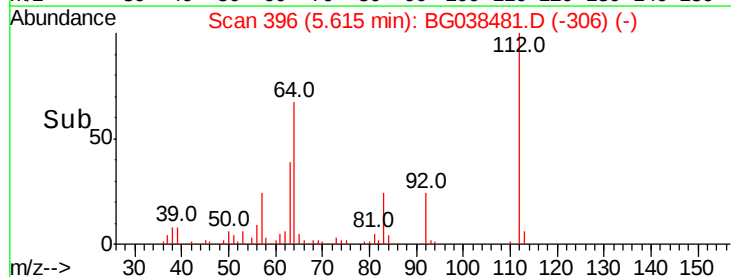
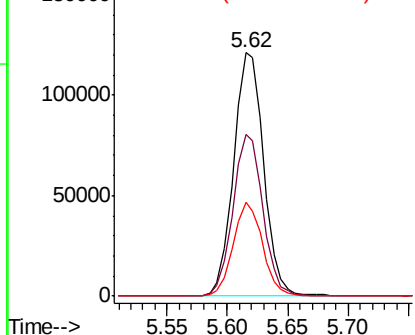
#5

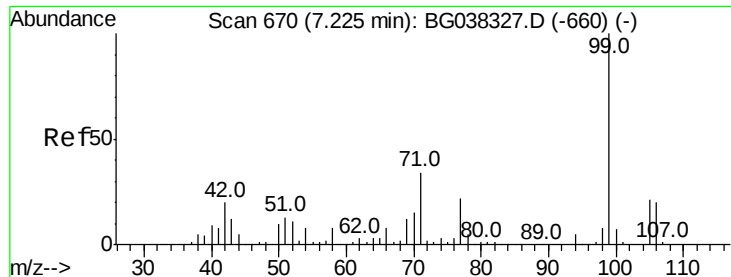
2-Fluorophenol
Concen: 154.258 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038481.D
Acq: 11 Dec 2018 22:35

Tgt Ion:112 Resp: 210469
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 38.6 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: 135.900 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

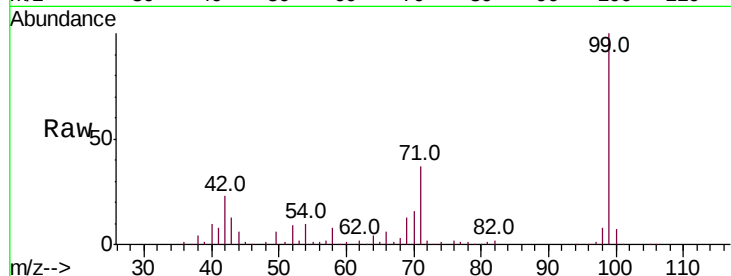
Tot Ion: 99 Resp: 267996

Ion Ratio Lower Upper

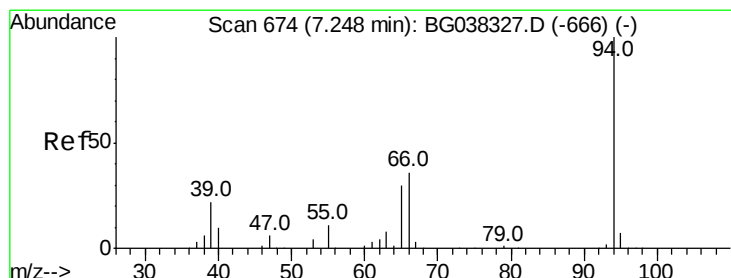
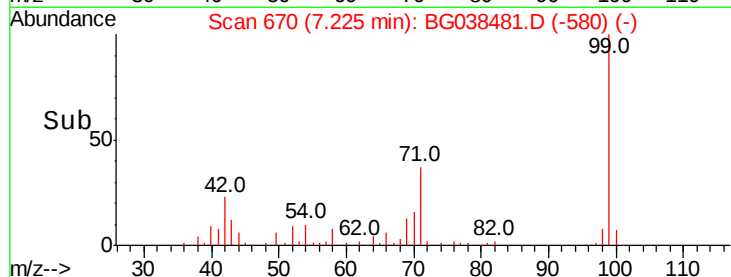
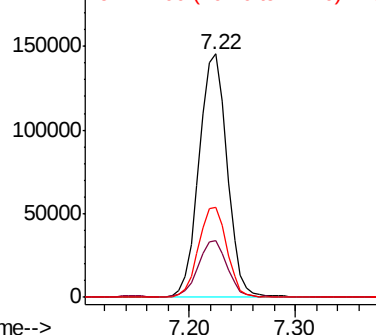
99 100

42 23.5 15.0 22.4#

71 36.7 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



#10

Phenol

Concen: 4.214 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

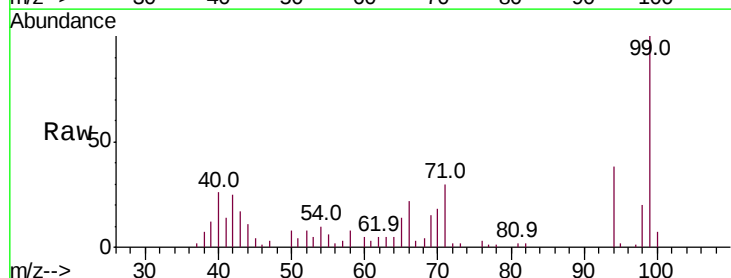
Tgt Ion: 94 Resp: 8780

Ion Ratio Lower Upper

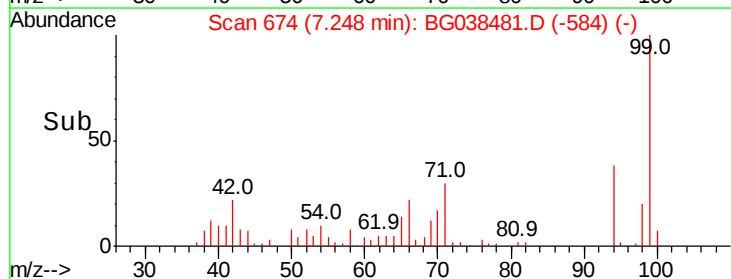
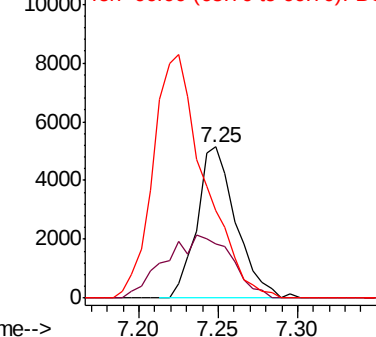
94 100

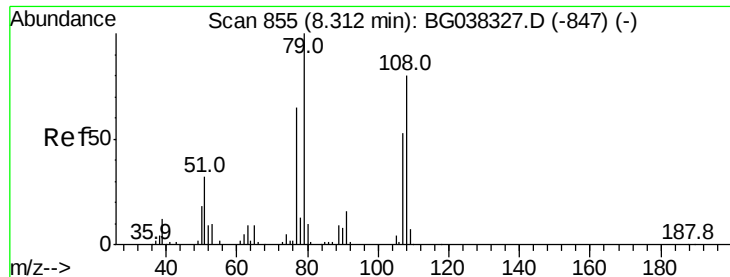
65 35.9 9.7 49.7

66 57.9 15.9 55.9#



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





#15

Benzyl Alcohol

Concen: 105.741 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

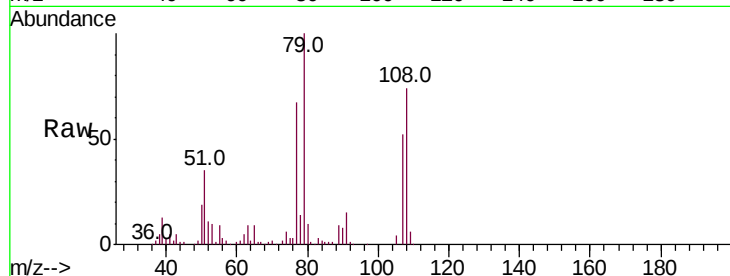
Tot Ion: 79 Resp: 171434

Ion Ratio Lower Upper

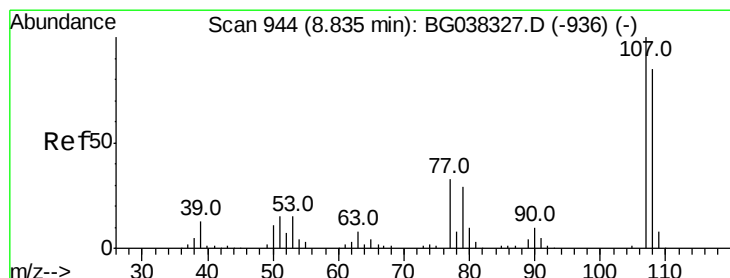
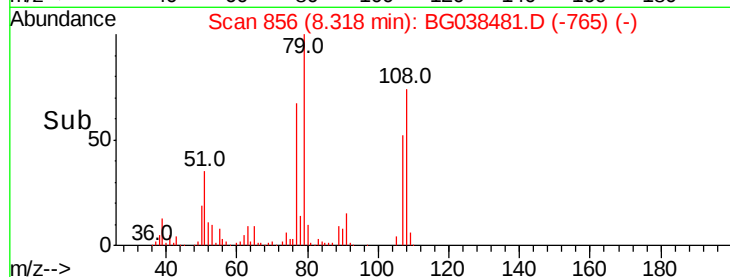
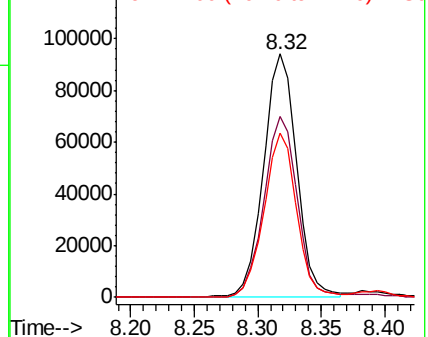
79 100

108 74.2 65.8 98.8

77 67.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#20

3+4-Methylphenols

Concen: 2.957 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Tgt Ion: 107 Resp: 6206

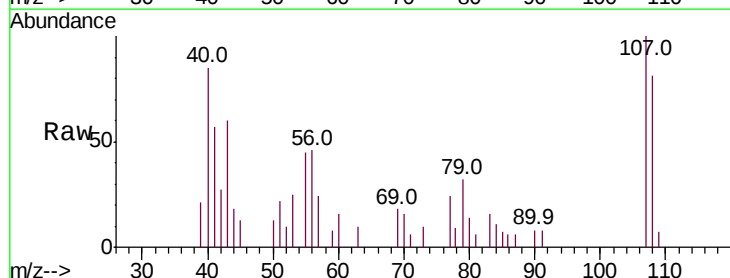
Ion Ratio Lower Upper

107 100

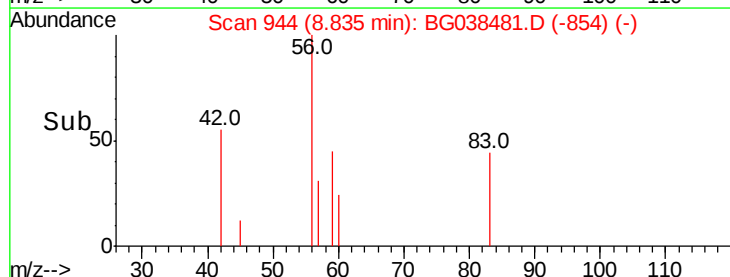
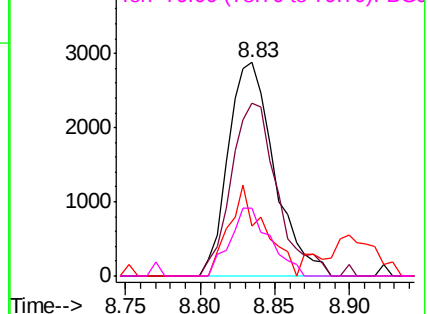
108 80.8 69.9 109.9

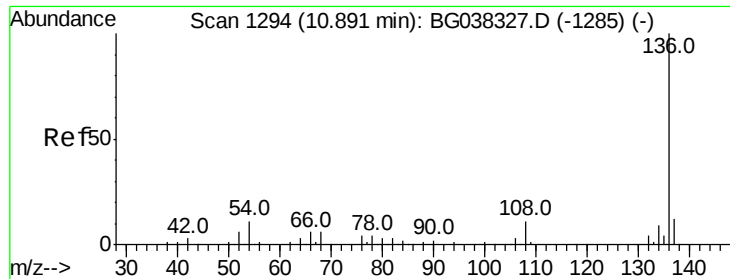
77 23.6 11.2 51.2

79 31.9 6.6 46.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

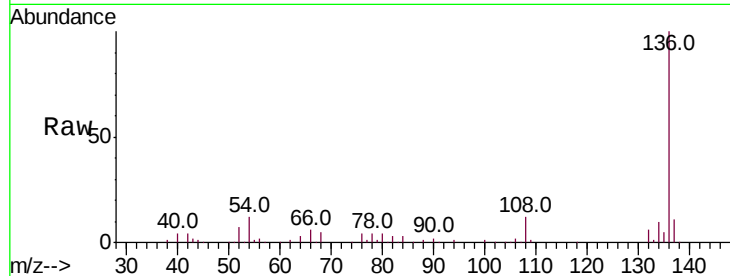




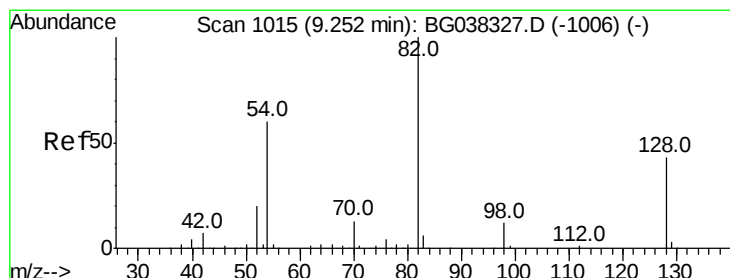
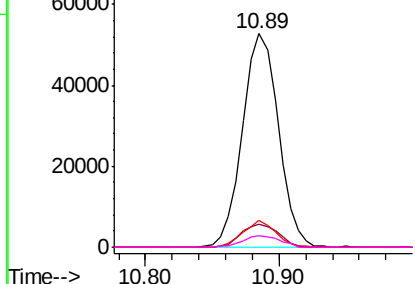
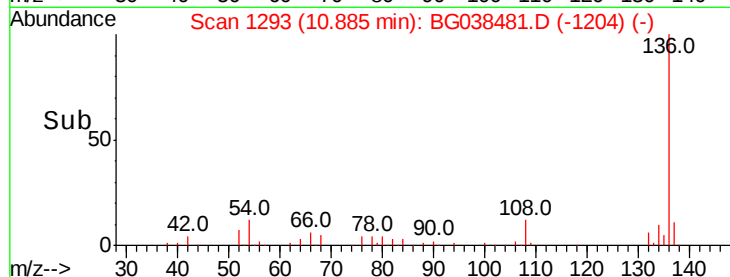
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038481.D
Acq: 11 Dec 2018 22:35

Instrument :
BNA_G
ClientSampleId :
ENGINE-WASH

Tot Ion:	136	Resp:	98305
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	12.3	7.9	11.9#
68	5.4	4.8	7.2

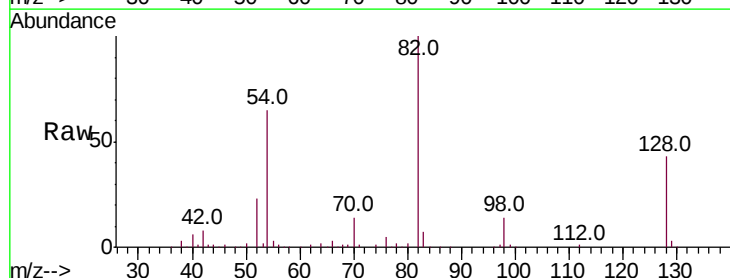


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

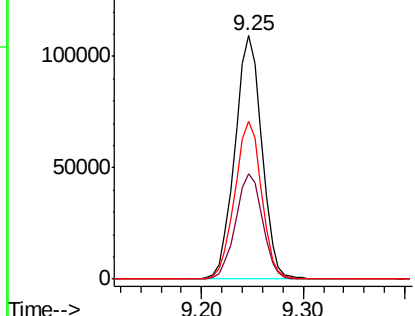
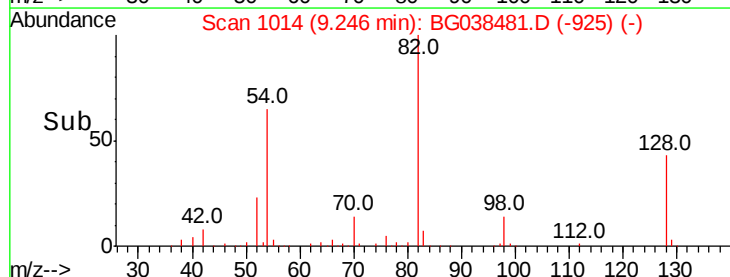


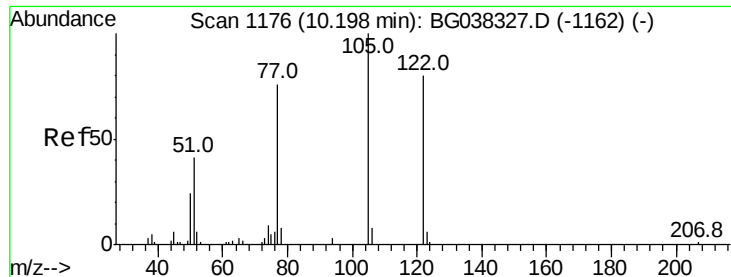
#23
Nitrobenzene-d5
Concen: 101.807 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038481.D
Acq: 11 Dec 2018 22:35

Tgt Ion:	82	Resp:	201583
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	51.8
54	64.6	45.3	67.9



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





#32

Benzoic acid

Concen: 27.603 ng

RT: 10.19 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

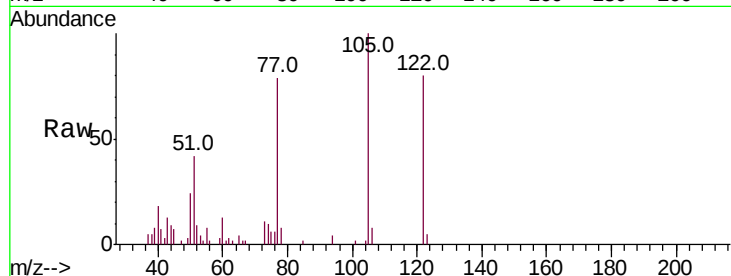
Tot Ion:122 Resp: 24103

Ion Ratio Lower Upper

122 100

105 125.0 106.7 146.7

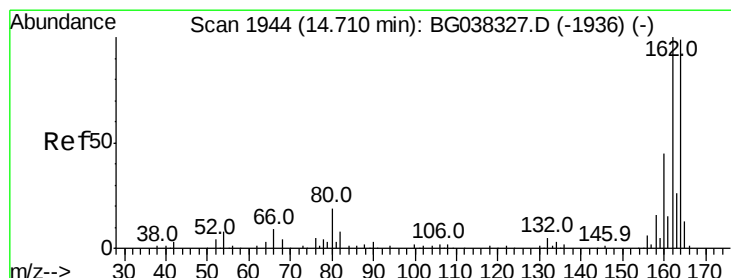
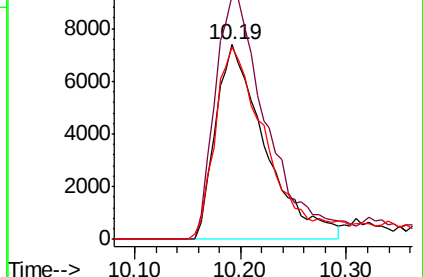
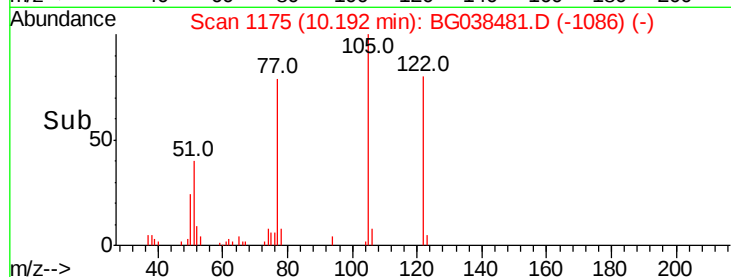
77 98.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

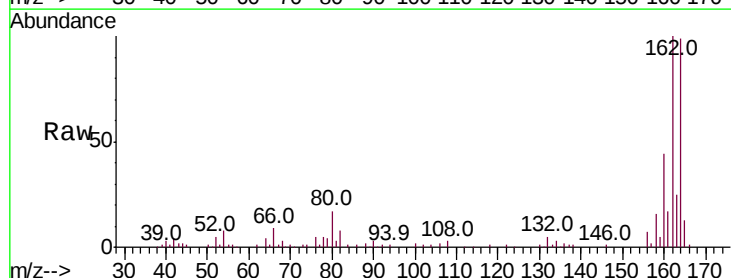
Tgt Ion:164 Resp: 69220

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

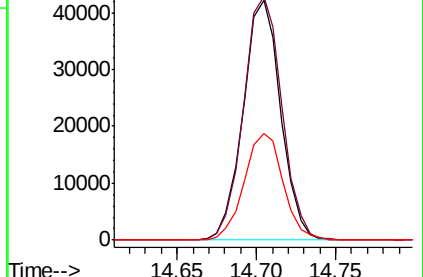
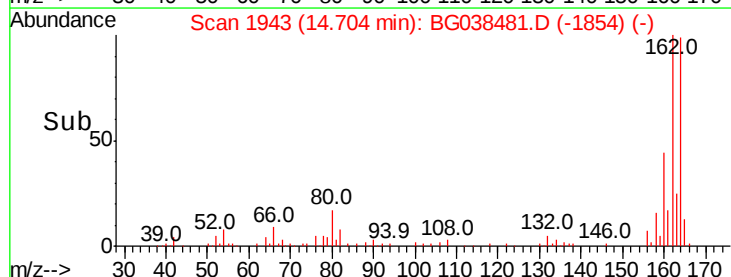
160 44.4 36.3 54.5

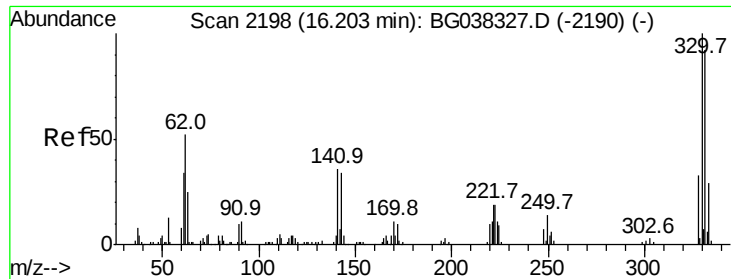


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

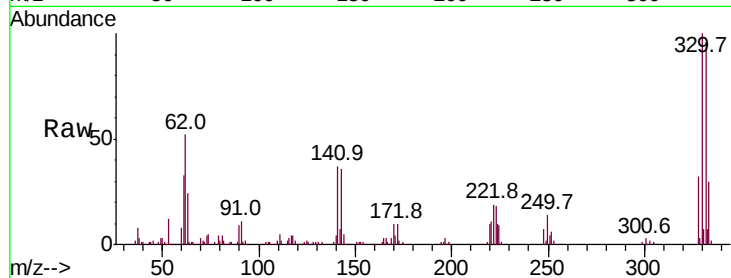




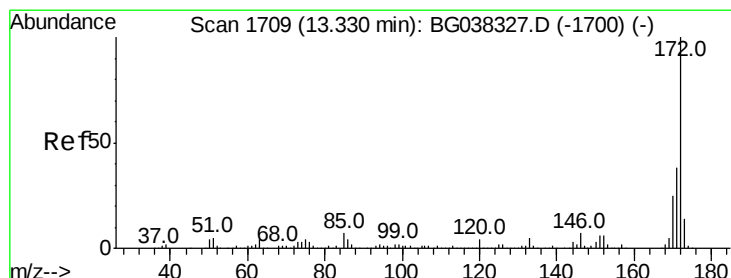
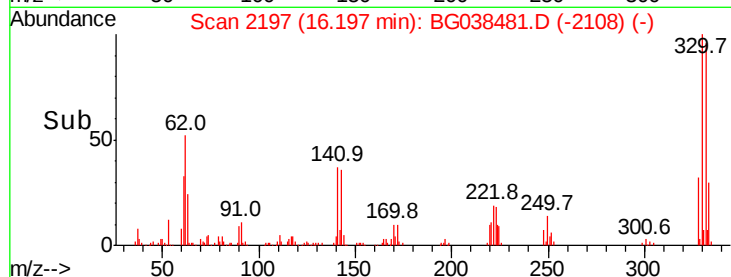
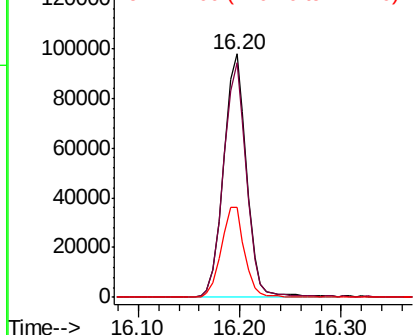
#42
 2,4,6-Tribromophenol
 Concen: 180.532 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038481.D
 Acq: 11 Dec 2018 22:35

Instrument :
 BNA_G
 ClientSampleId :
 ENGINE-WASH

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	37.9	32.2	48.2

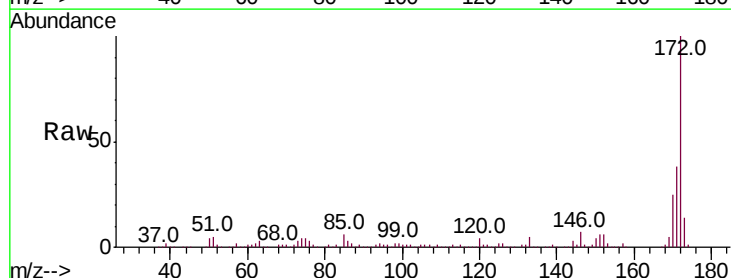


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

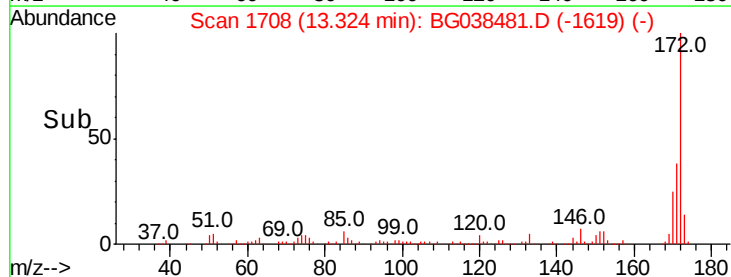
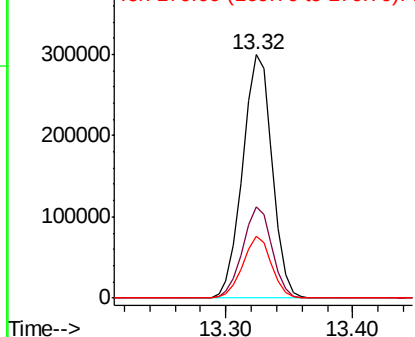


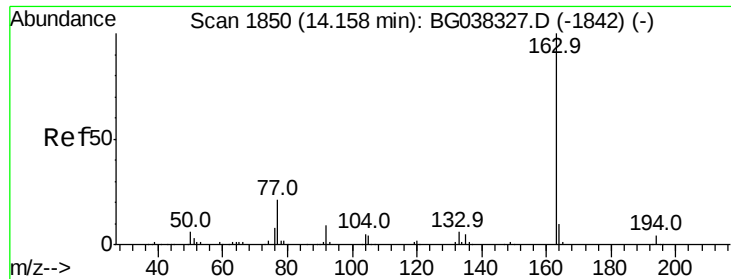
#45
 2-Fluorobiphenyl
 Concen: 99.672 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038481.D
 Acq: 11 Dec 2018 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.4	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





#50

Dimethylphthalate

Concen: 2.357 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

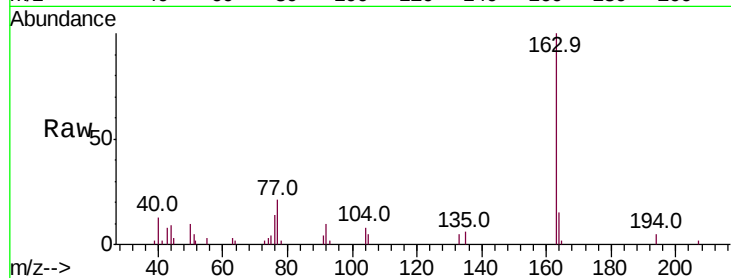
Tot Ion:163 Resp: 13087

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

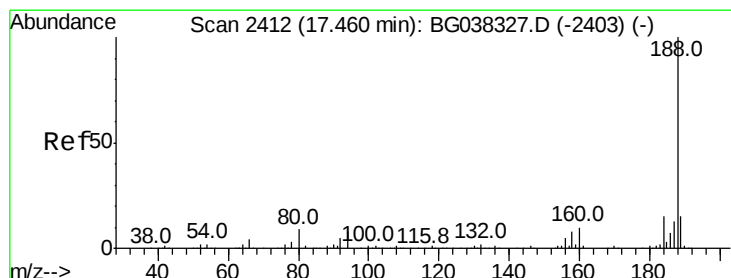
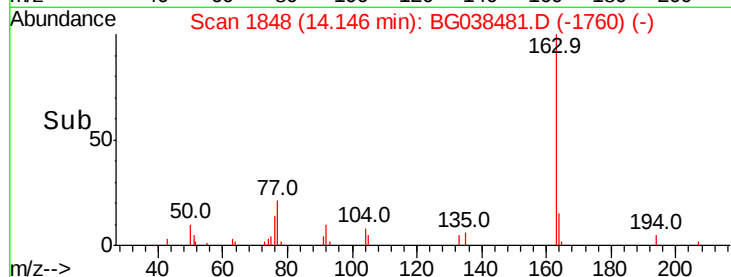
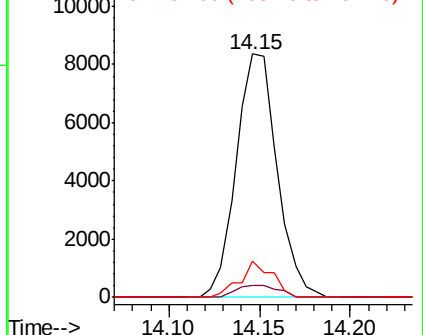
164 14.8 8.5 12.7#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

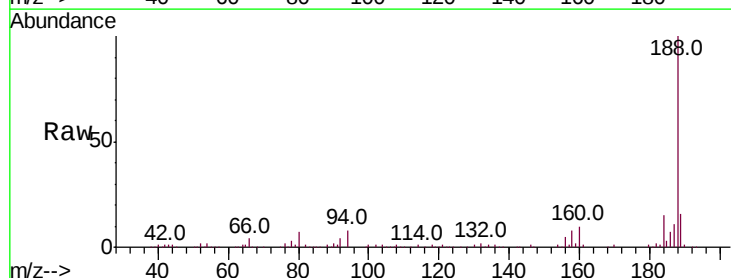
Tgt Ion:188 Resp: 170250

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

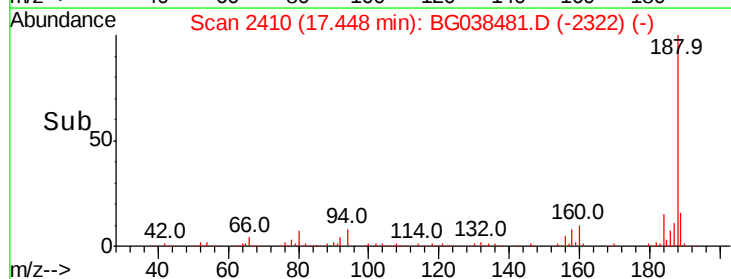
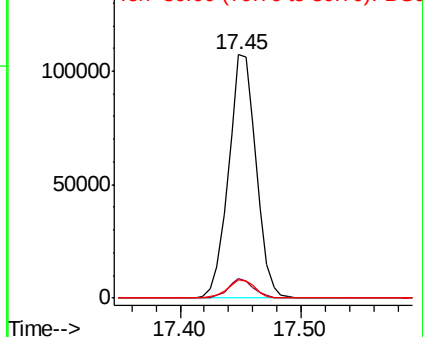
80 7.4 7.7 11.5#

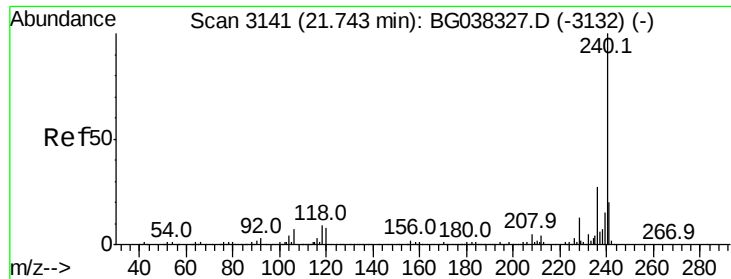


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

Instrument :

BNA_G

ClientSampleId :

ENGINE-WASH

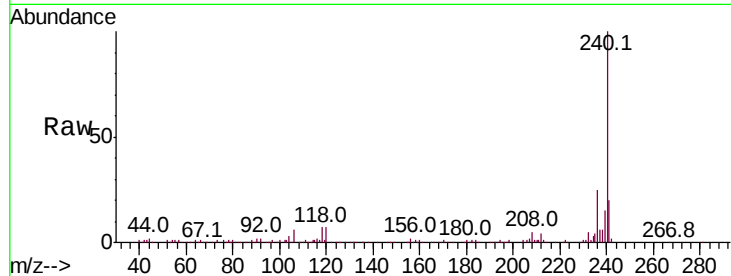
Tot Ion:240 Resp: 165183

Ion Ratio Lower Upper

240 100

120 6.6 8.1 12.1#

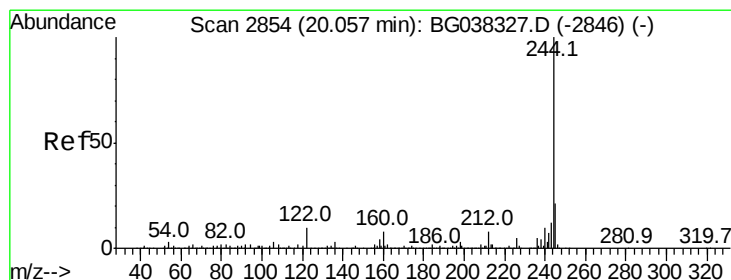
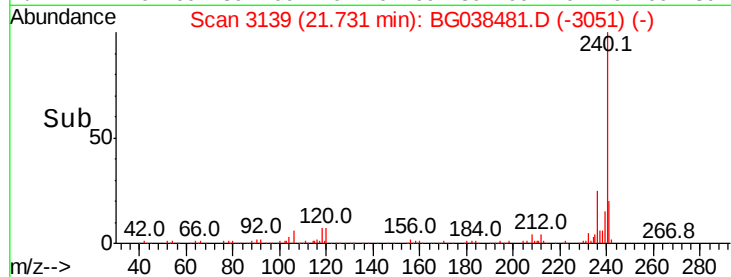
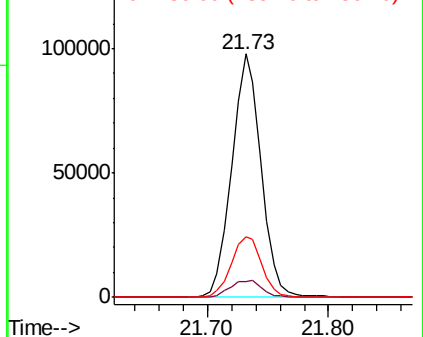
236 25.0 21.4 32.0



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: 106.124 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038481.D

Acq: 11 Dec 2018 22:35

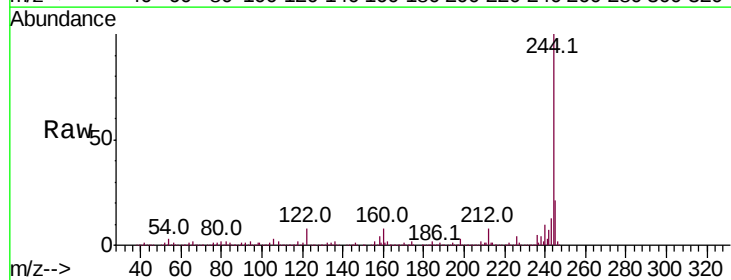
Tgt Ion:244 Resp: 818288

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

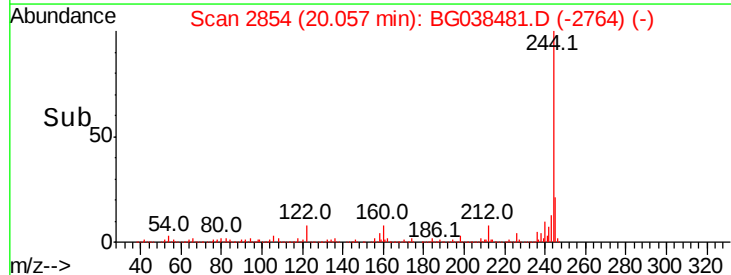
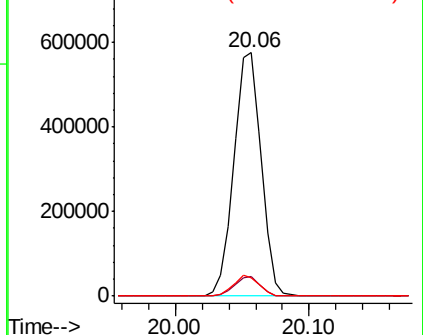
122 7.6 9.0 13.4#

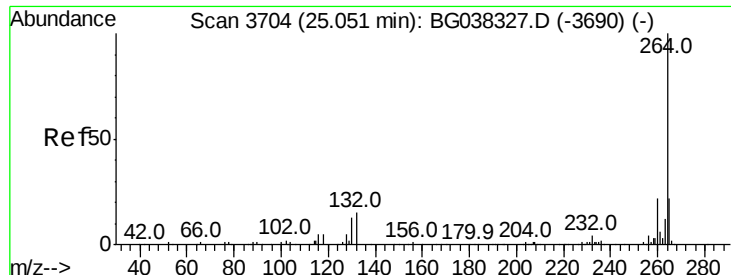


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



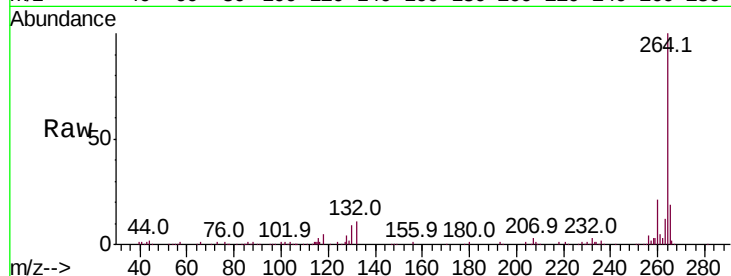


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038481.D
Acq: 11 Dec 2018 22:35

Instrument :
BNA_G
ClientSampleId :
ENGINE-WASH

Tot Ion:264 Resp: 175346

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	19.4	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

