

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038852.D
 Acq On : 27 Dec 2018 20:37
 Operator : JU/SJ
 Sample : J6549-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Dec 28 02:18:22 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

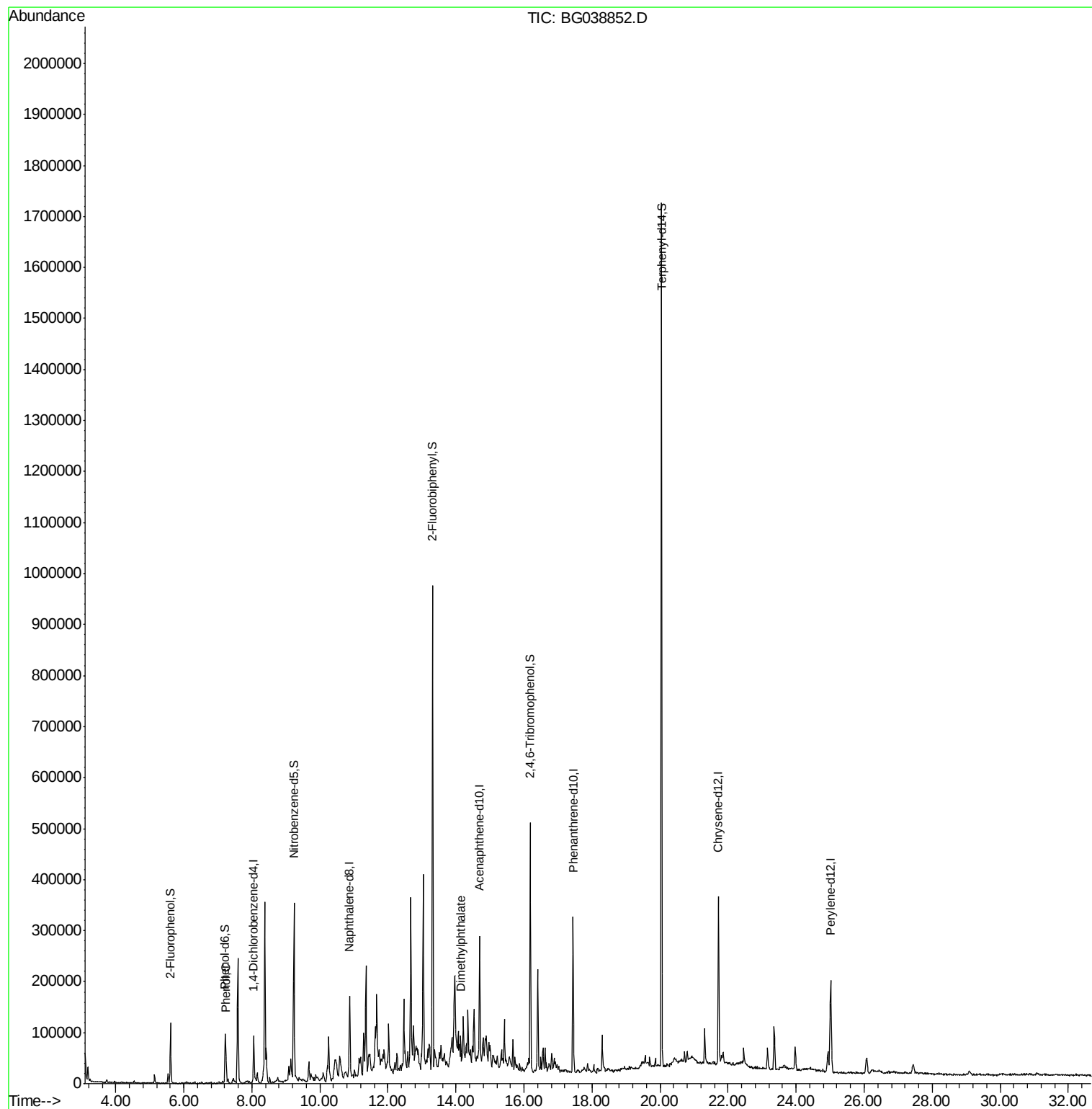
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26388	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116196	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	84101	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	196858	20.00	ng	0.00
76) Chrysene-d12	21.72	240	204234	20.00	ng	0.00
87) Perylene-d12	25.02	264	220844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	55188	37.09	ng	0.00
7) Phenol-d6	7.22	99	57297	28.05	ng	0.01
23) Nitrobenzene-d5	9.24	82	184571	81.15	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	104014	89.74	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	507605	82.80	ng	0.00
79) Terphenyl-d14	20.04	244	851741	90.76	ng	0.00
Target Compounds						
10) Phenol	7.25	94	19089	8.797	ng	95
50) Dimethylphthalate	14.14	163	29587	4.308	ng	# 96

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

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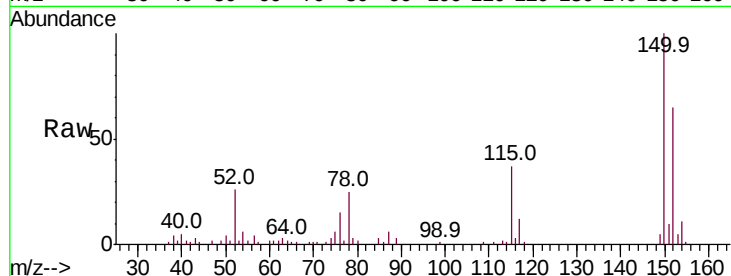


#1

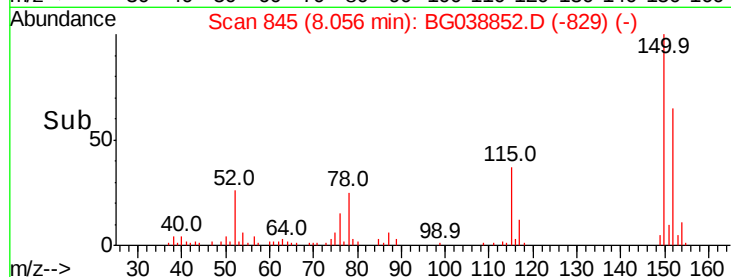
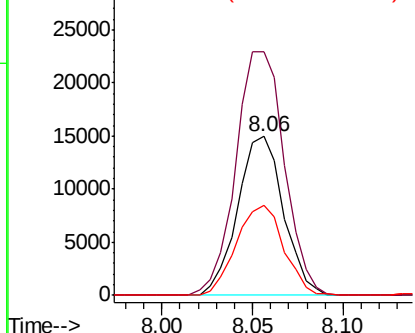
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion:152 Resp: 26388
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 56.3 49.6 74.4



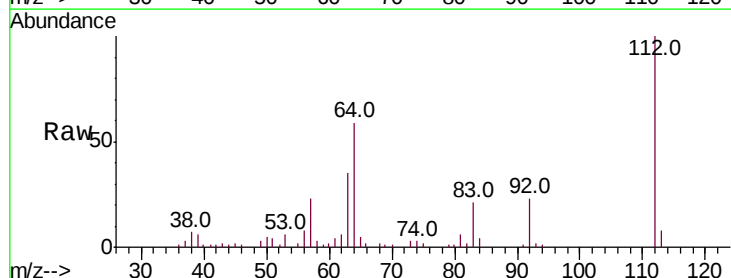
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



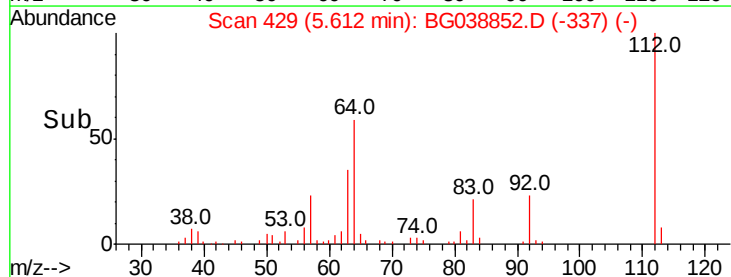
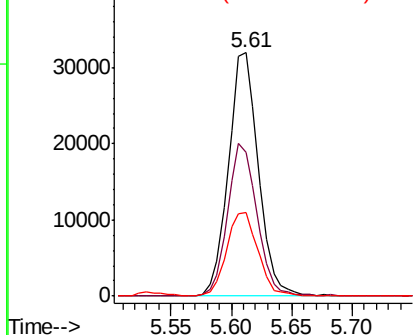
#5

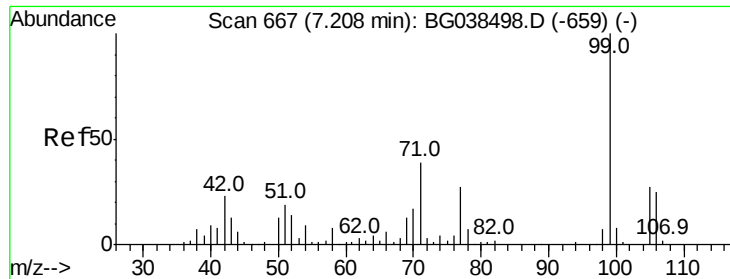
2-Fluorophenol
Concen: 37.094 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038852.D
Acq: 27 Dec 2018 20:37

Tgt Ion:112 Resp: 55188
Ion Ratio Lower Upper
112 100
64 59.0 53.4 80.2
63 34.5 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: 28.053 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

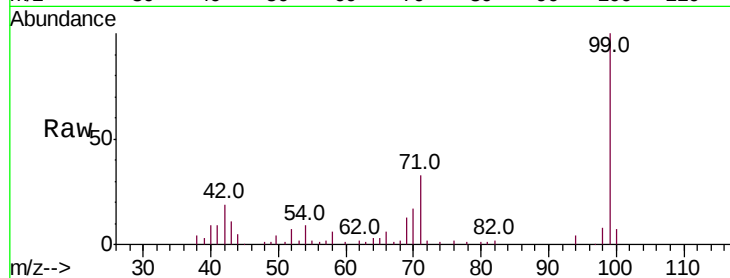
Tot Ion: 99 Resp: 57297

Ion Ratio Lower Upper

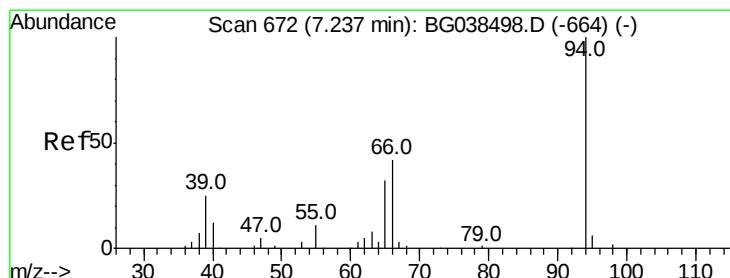
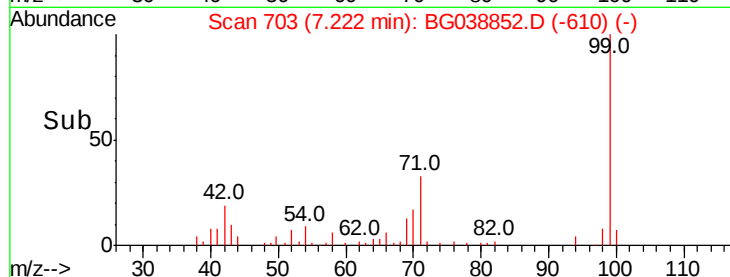
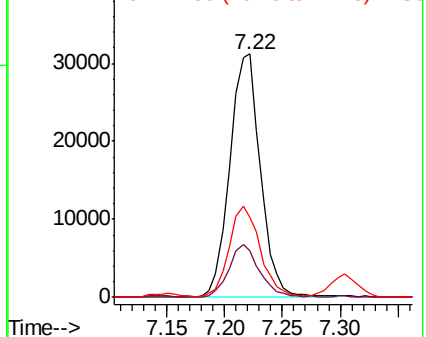
99 100

42 18.9 18.5 27.7

71 33.0 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



#10

Phenol

Concen: 8.797 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

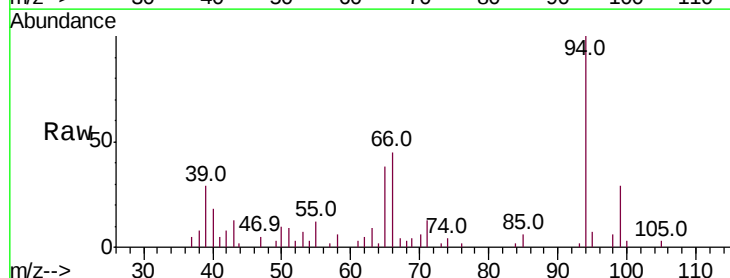
Tgt Ion: 94 Resp: 19089

Ion Ratio Lower Upper

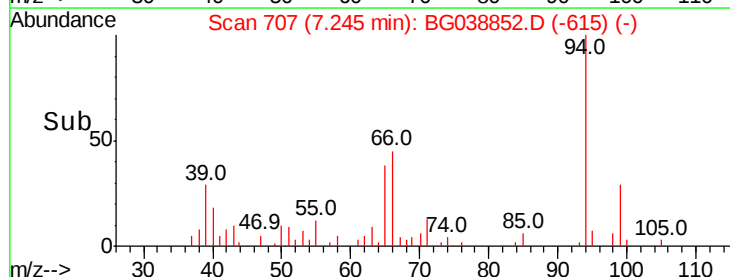
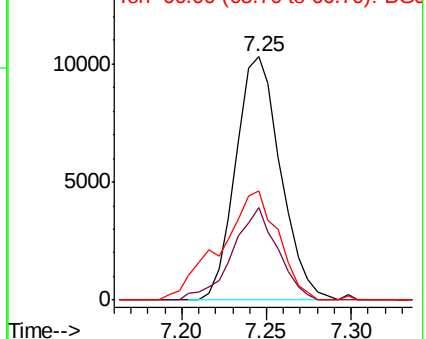
94 100

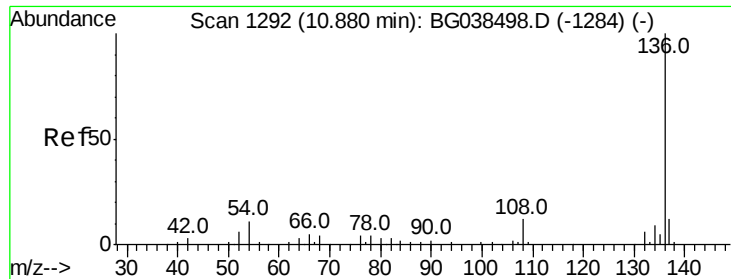
65 37.8 12.6 52.6

66 44.9 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

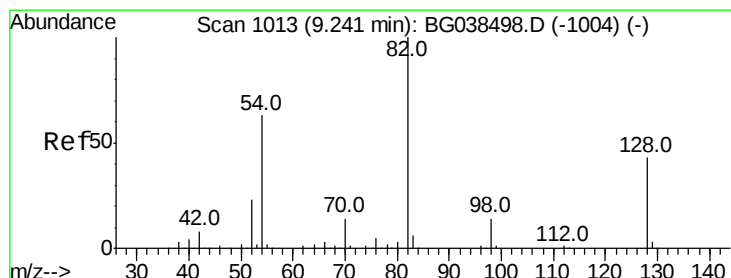
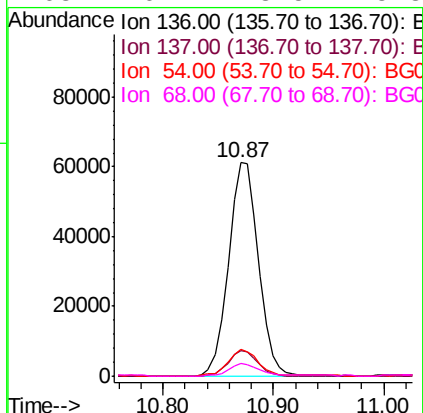
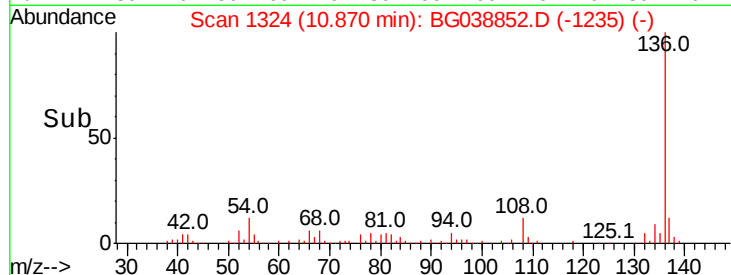
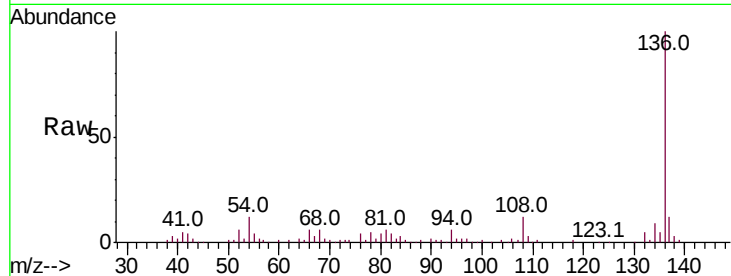
Instrument :

BNA_G

ClientSampleId :

TW-1

Tot Ion:136	Resp:	116196
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.3 13.9
54	12.3	8.5 12.7
68	6.1	3.5 5.3#



#23

Nitrobenzene-d5

Concen: 81.149 ng

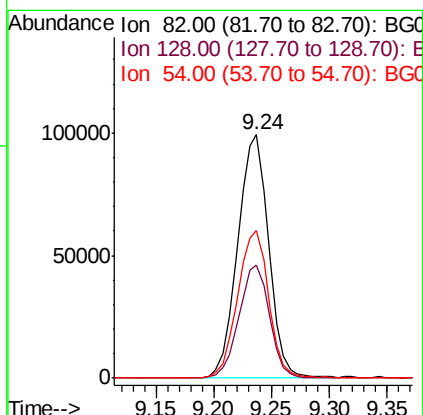
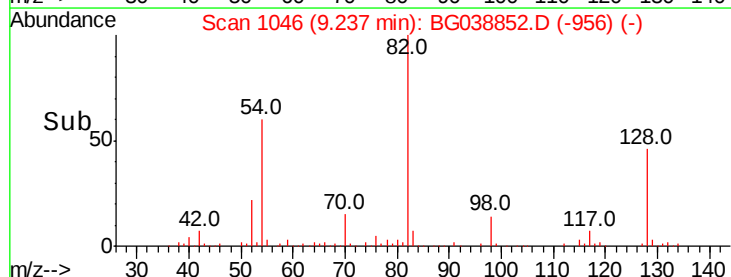
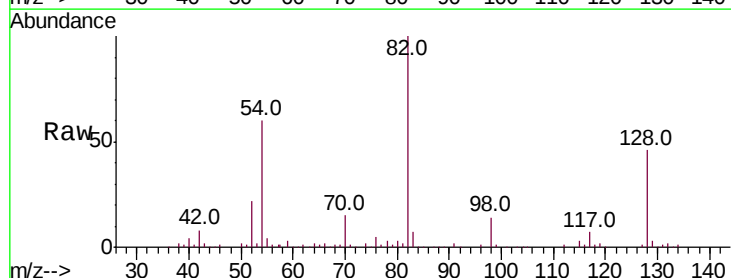
RT: 9.24 min Scan# 1046

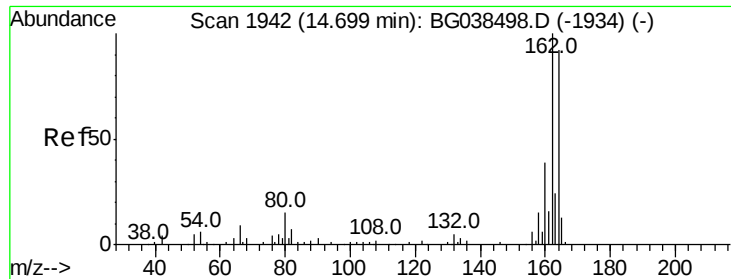
Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Tgt Ion: 82	Resp:	184571
Ion	Ratio	Lower Upper
82	100	
128	46.3	34.6 52.0
54	60.5	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

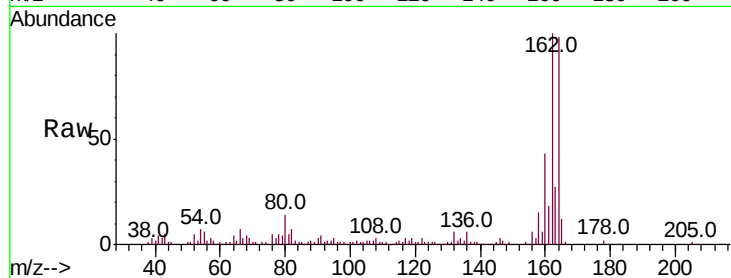
Tot Ion:164 Resp: 84101

Ion Ratio Lower Upper

164 100

162 102.4 86.6 130.0

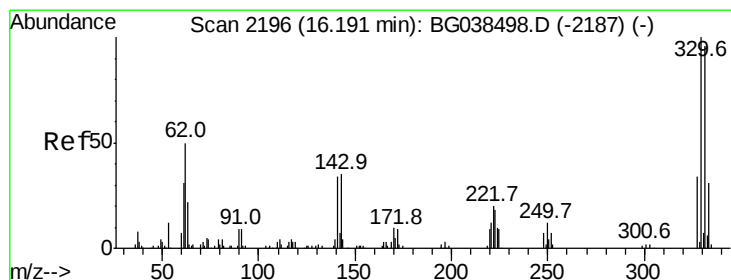
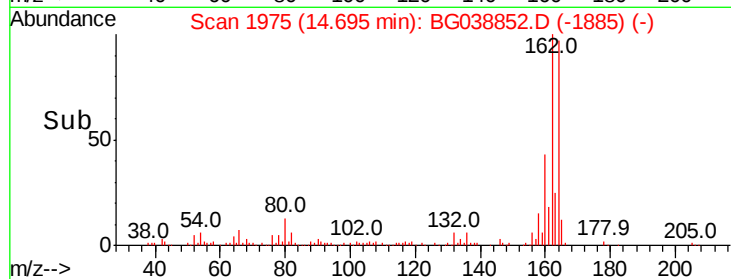
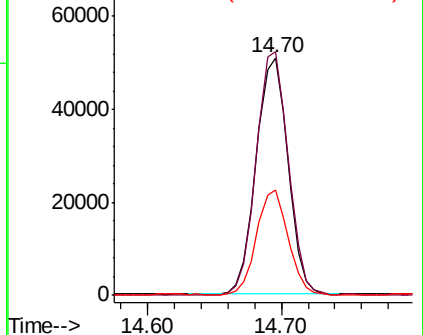
160 44.2 34.2 51.2



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: 89.740 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

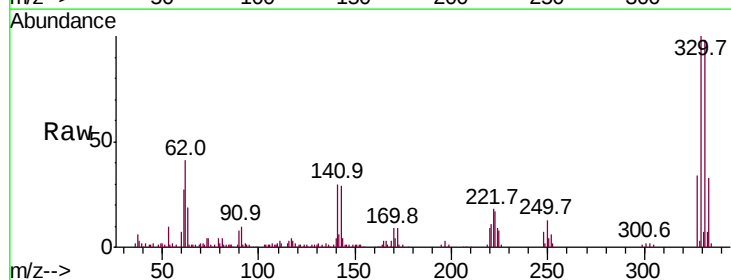
Tgt Ion:330 Resp: 104014

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

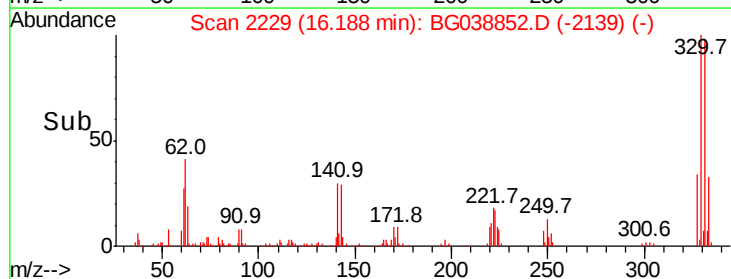
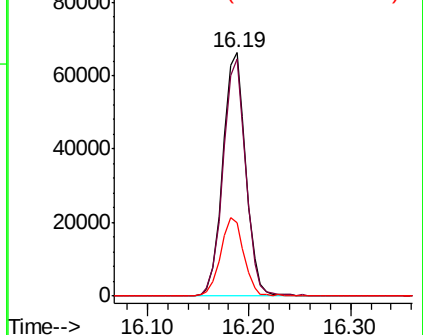
141 32.7 28.8 43.2



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

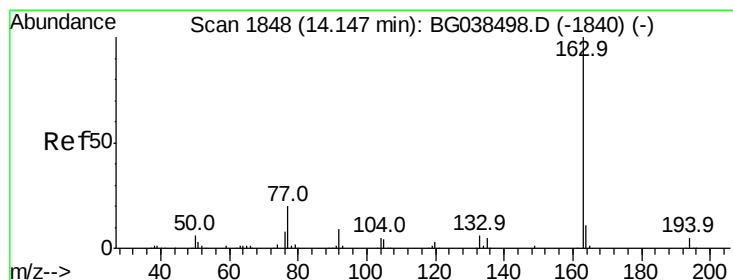
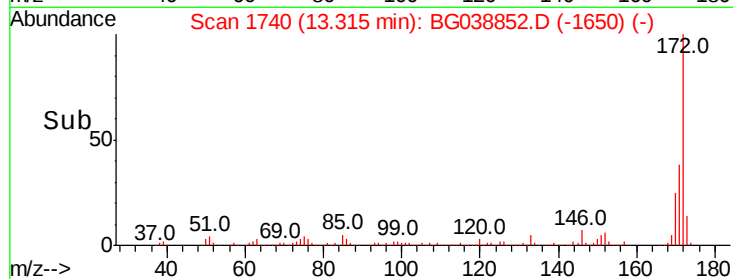
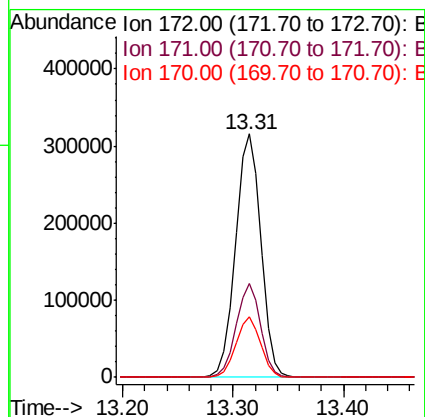
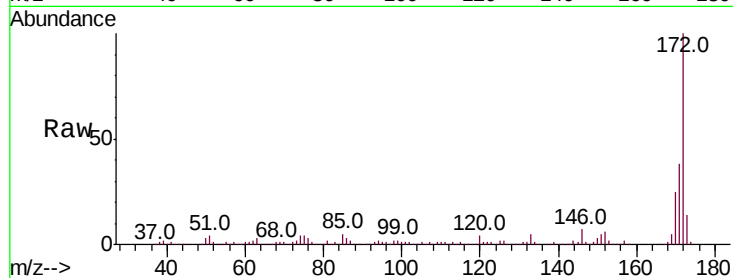




#45
 2-Fluorobiphenyl
 Concen: 82.800 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

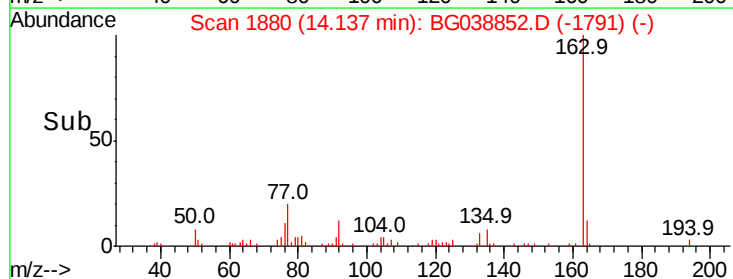
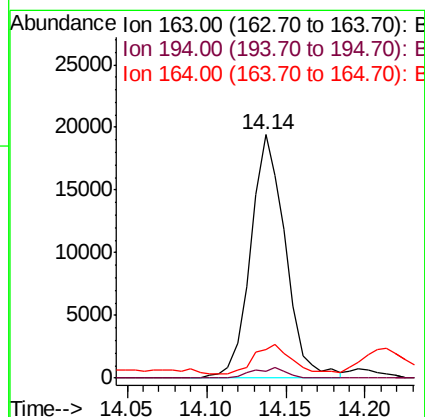
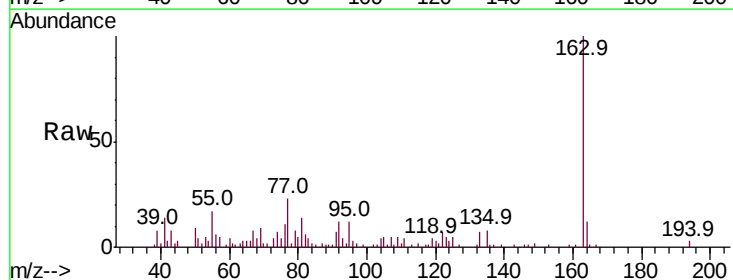
Instrument :
 BNA_G
 ClientSampleId :
 TW-1

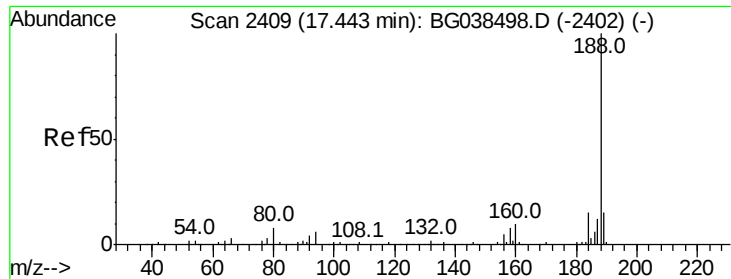
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.8	44.6
170	24.7	19.5	29.3



#50
 Dimethylphthalate
 Concen: 4.308 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BG038852.D
 Acq: 27 Dec 2018 20:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.7	5.5#
164	12.0	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

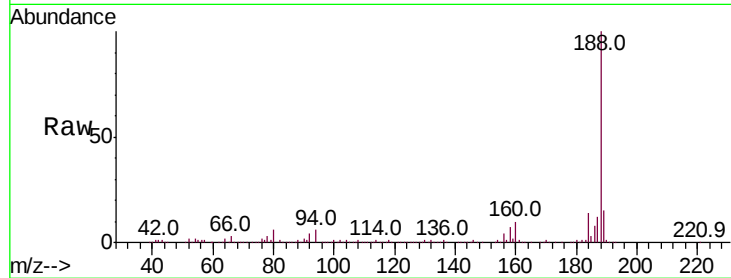
Tot Ion:188 Resp: 196858

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

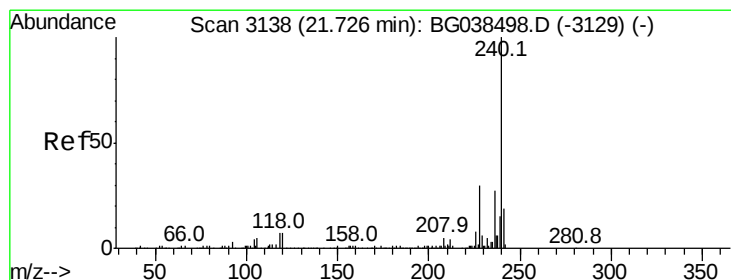
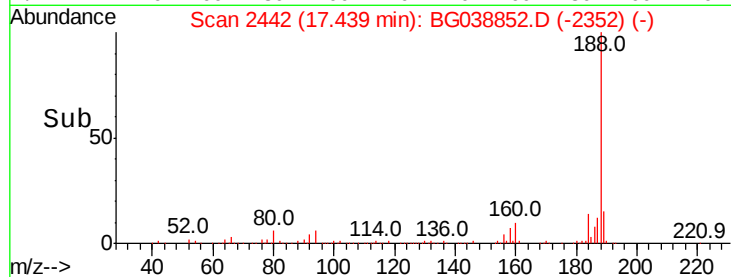
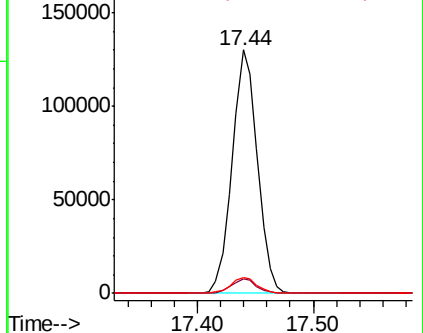
80 6.5 6.1 9.1



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: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

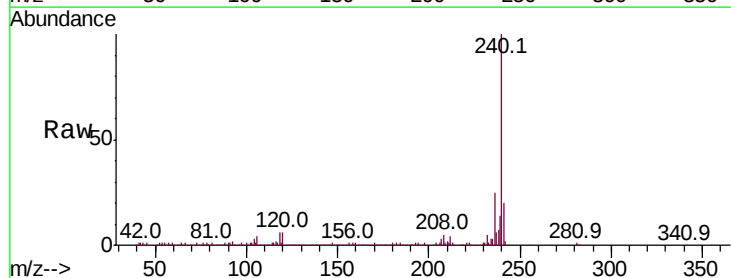
Tgt Ion:240 Resp: 204234

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

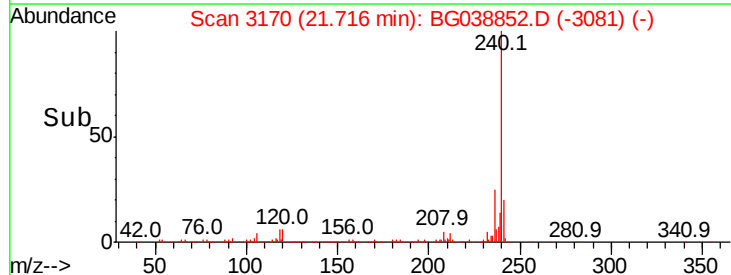
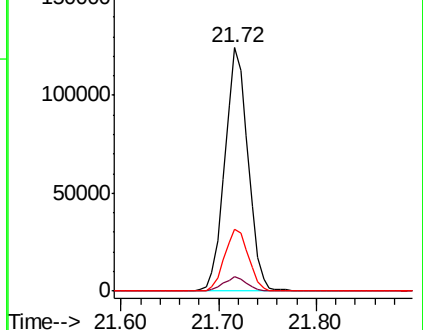
236 25.2 21.4 32.2

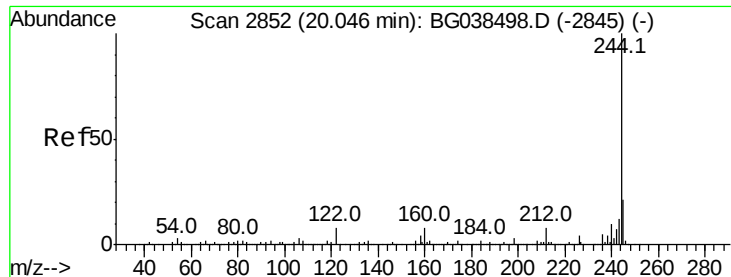


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.762 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

Instrument :

BNA_G

ClientSampleId :

TW-1

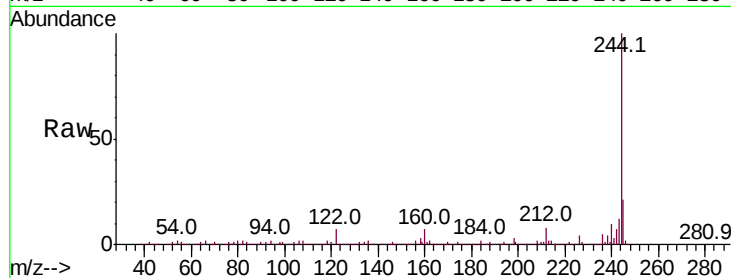
Tot Ion:244 Resp: 851741

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

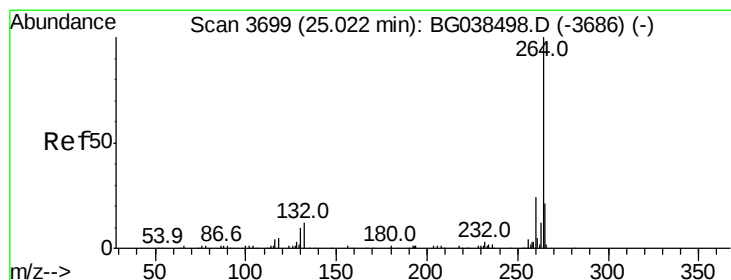
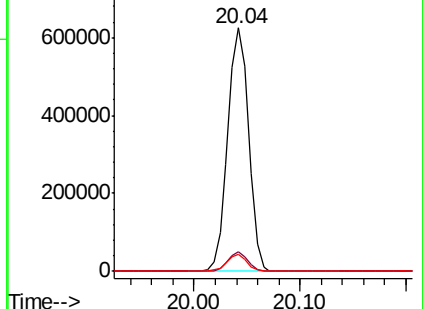
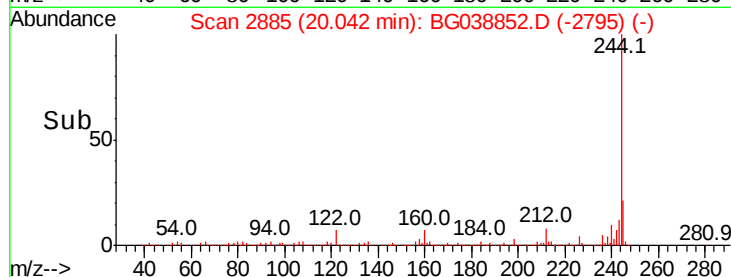
122 6.9 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038852.D

Acq: 27 Dec 2018 20:37

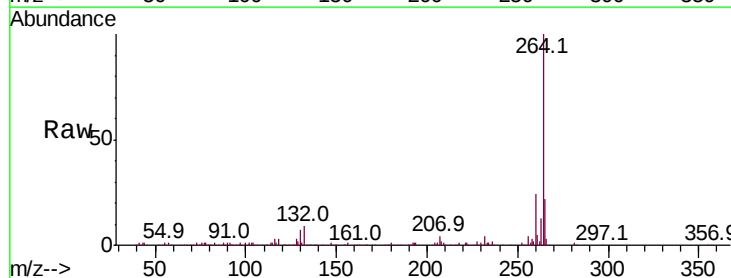
Tgt Ion:264 Resp: 220844

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 22.1 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

