

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038139.D
 Acq On : 26 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J6031-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VTW-02

Quant Time: Nov 26 18:04:59 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

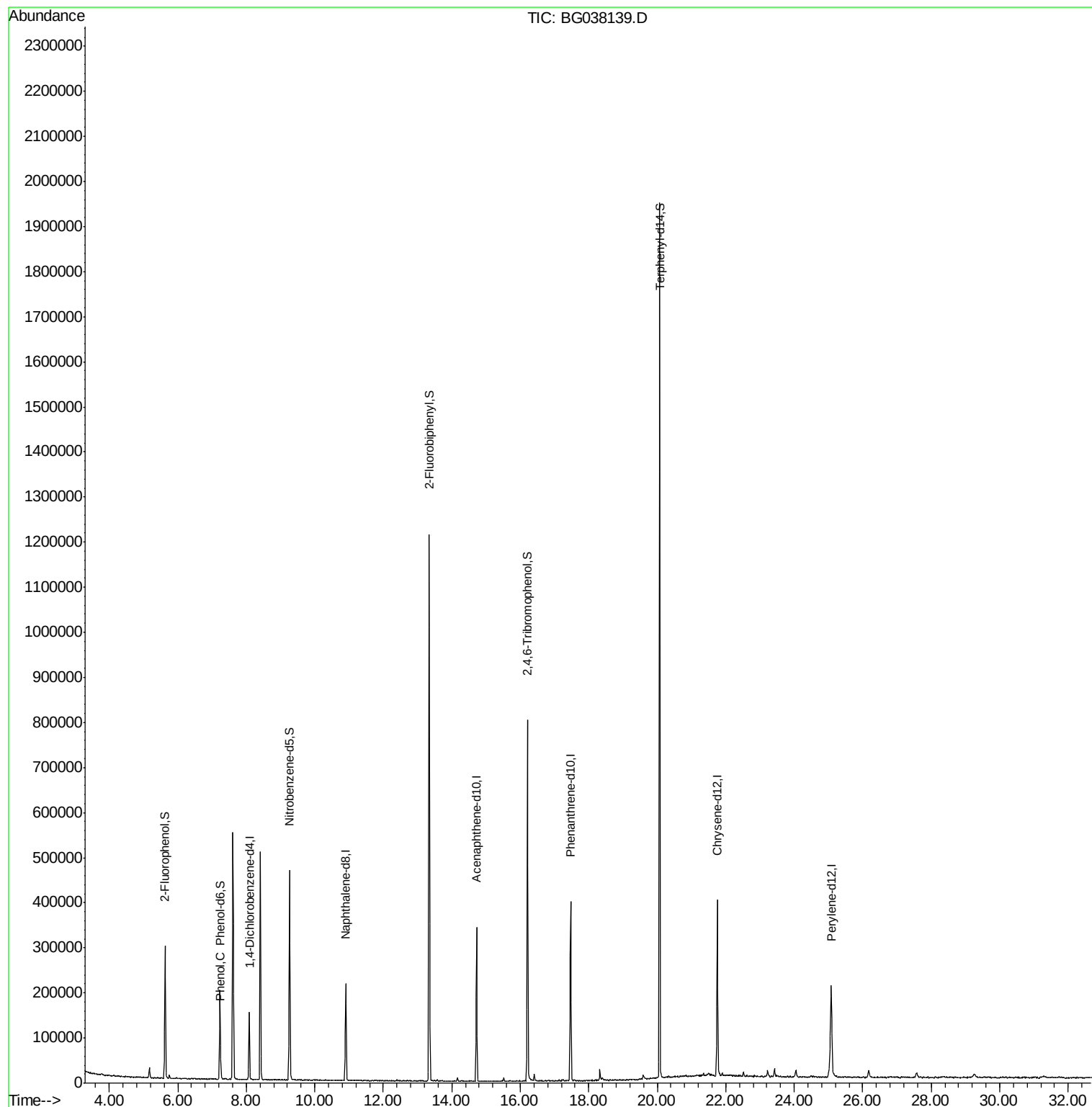
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43051	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	192810	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119107	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	261440	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237597	20.00	ng	0.00
87) Perylene-d12	25.08	264	240804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	136300	54.66	ng	0.00
7) Phenol-d6	7.23	99	120475	33.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	293901	81.60	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148427	109.27	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	654404	80.04	ng	0.00
79) Terphenyl-d14	20.07	244	906318	89.76	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10043	2.664	ng	Qvalue 89

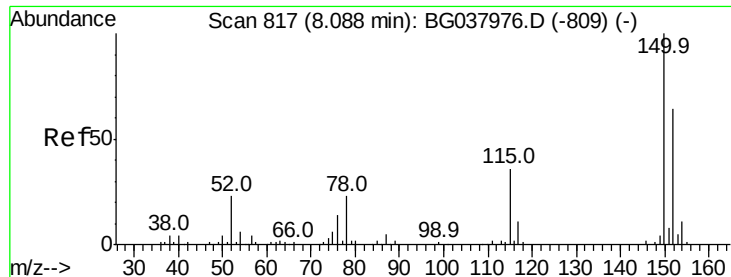
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

VTW-02

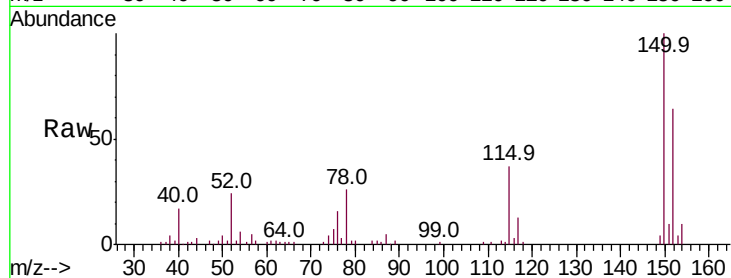
Tot Ion:152 Resp: 43051

Ion Ratio Lower Upper

152 100

150 156.2 126.0 189.0

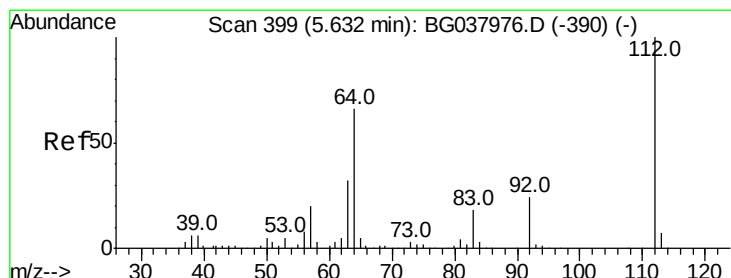
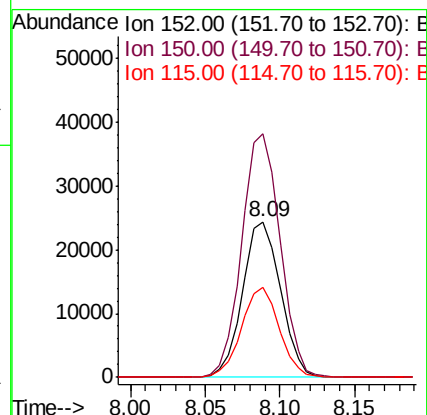
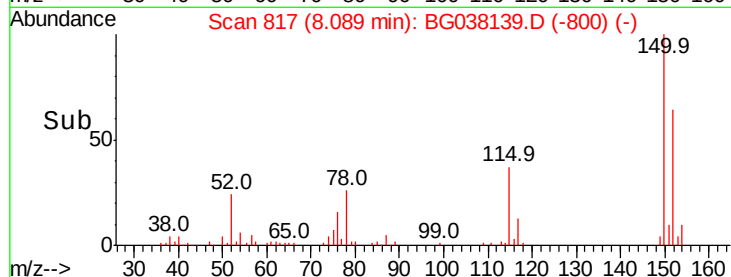
115 58.0 45.5 68.3



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: 54.663 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

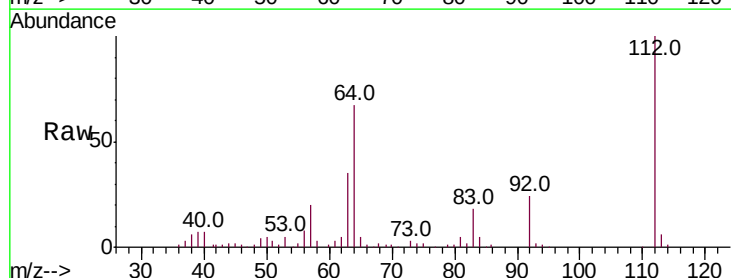
Tgt Ion:112 Resp: 136300

Ion Ratio Lower Upper

112 100

64 66.9 53.1 79.7

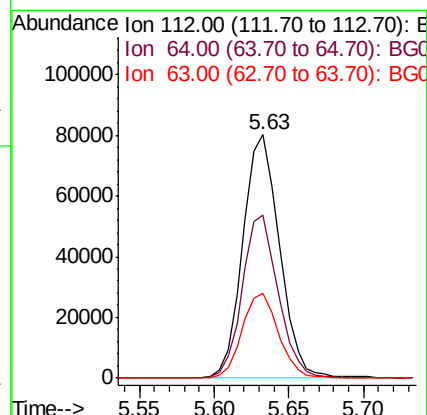
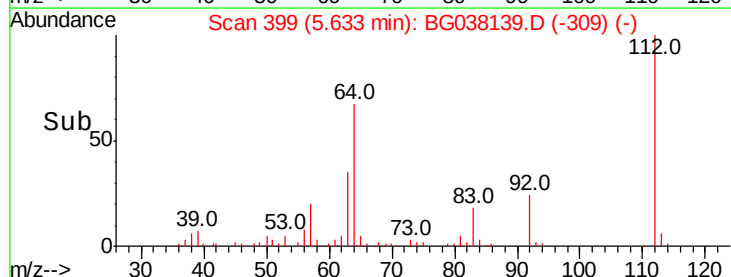
63 34.6 27.3 40.9

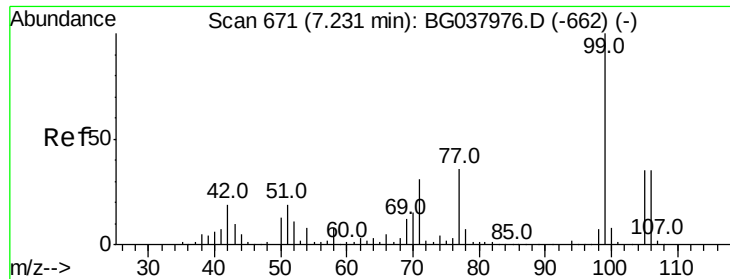


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.848 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

VTW-02

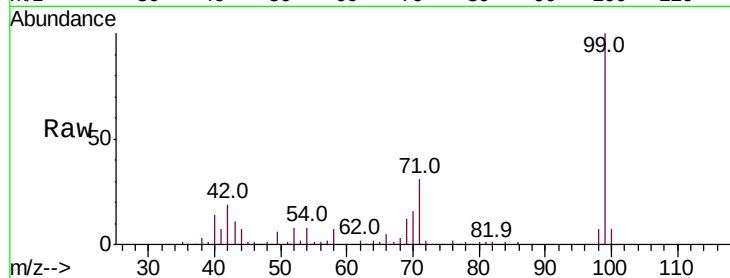
Tot Ion: 99 Resp: 120475

Ion Ratio Lower Upper

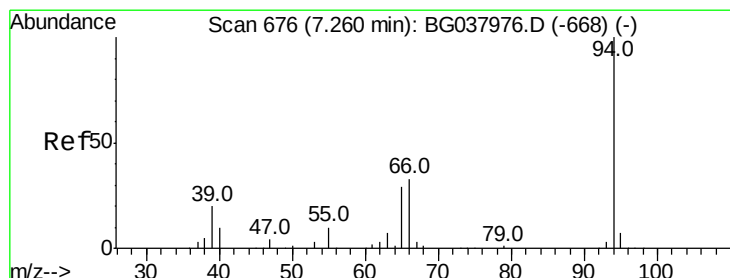
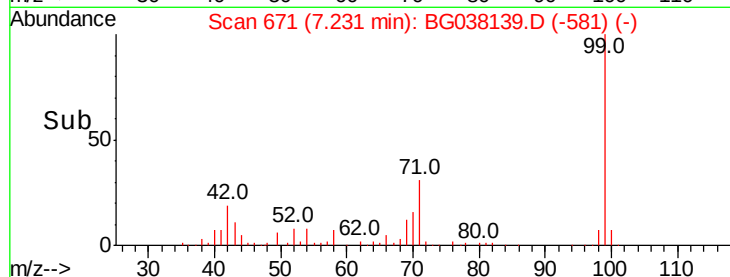
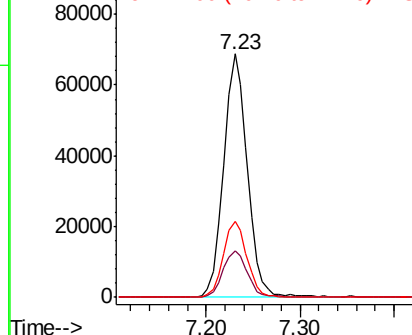
99 100

42 19.2 15.0 22.4

71 31.3 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: 2.664 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

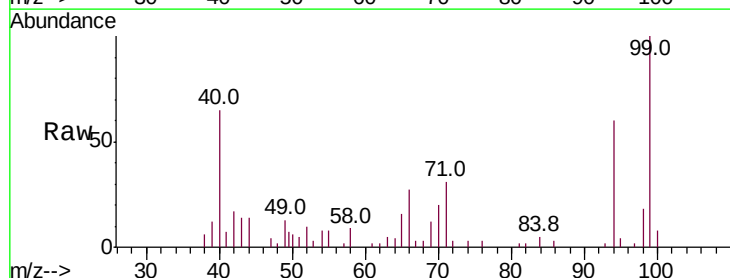
Tgt Ion: 94 Resp: 10043

Ion Ratio Lower Upper

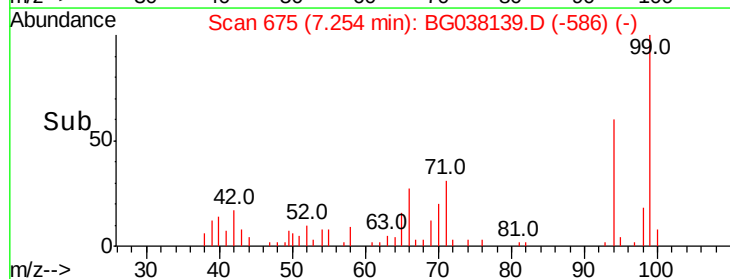
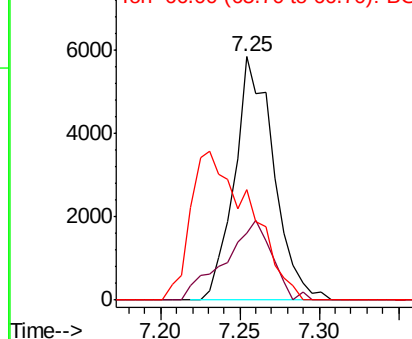
94 100

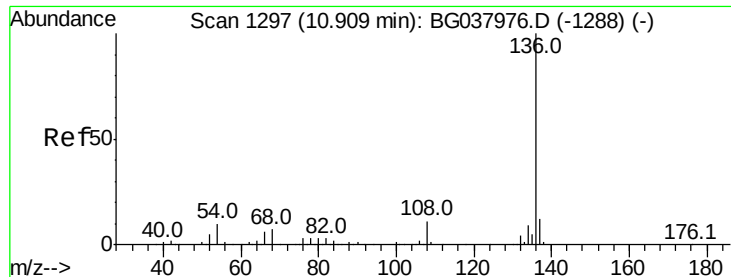
65 27.6 9.7 49.7

66 45.5 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

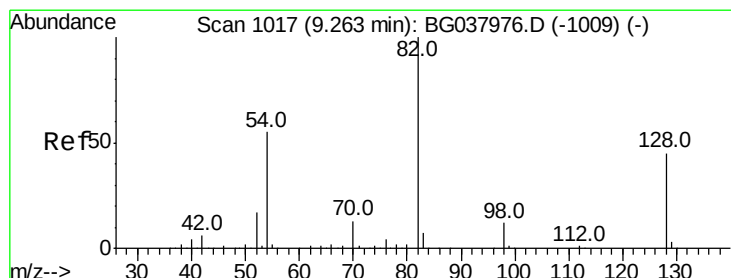
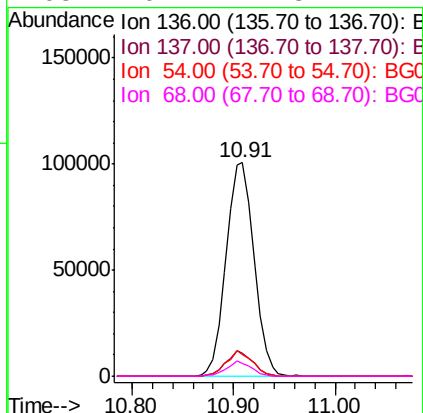
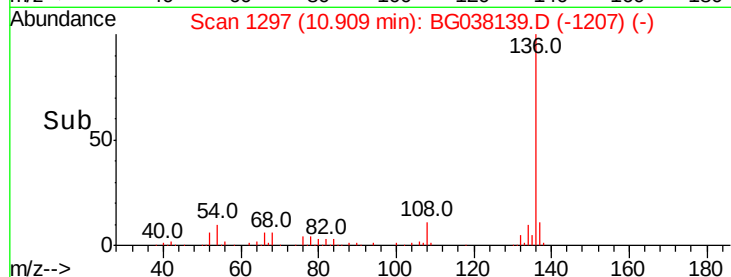
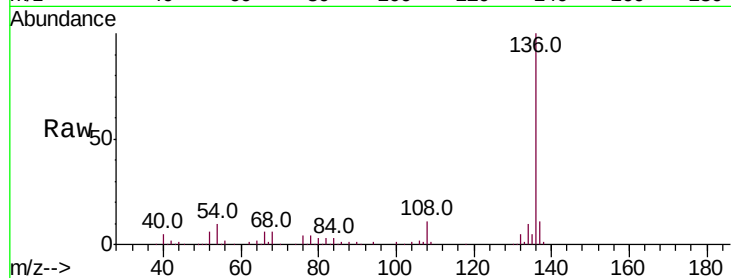




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

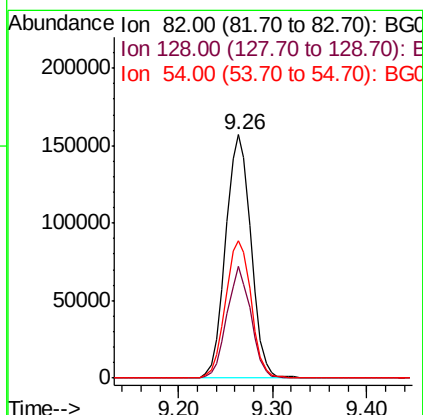
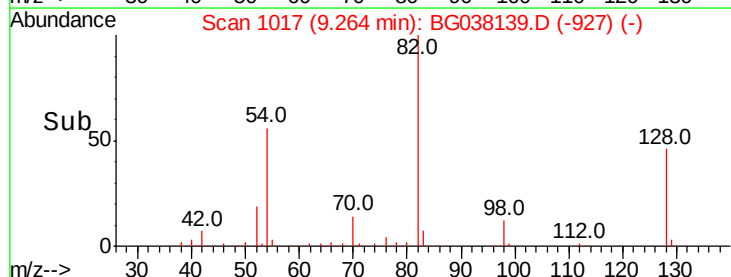
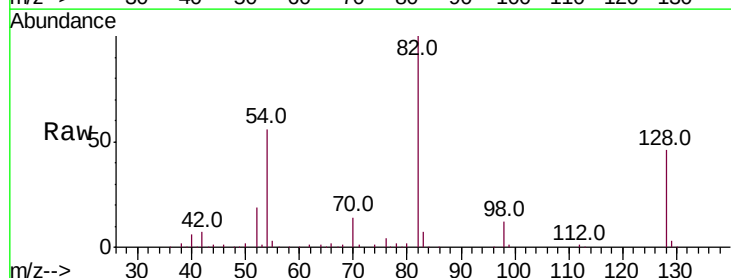
Instrument :
BNA_G
ClientSampleId :
VTW-02

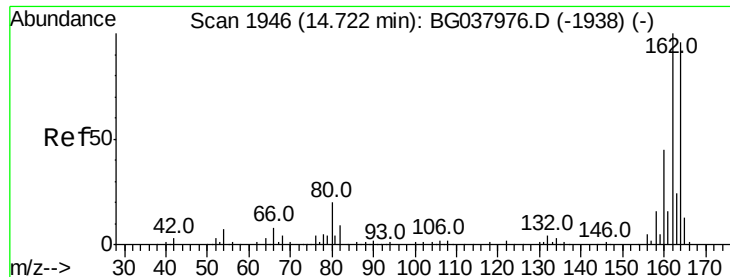
Tot Ion:136	Resp:	192810
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.6	14.4
54 10.2	7.9	11.9
68 6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.597 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Tgt Ion: 82	Resp: 293901
Ion Ratio	Lower Upper
82 100	
128 45.8	34.6 51.8
54 56.5	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

VTW-02

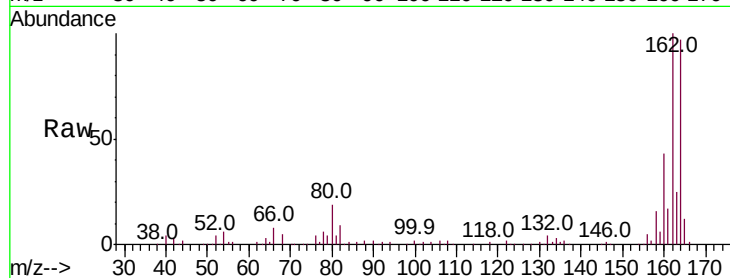
Tot Ion:164 Resp: 119107

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

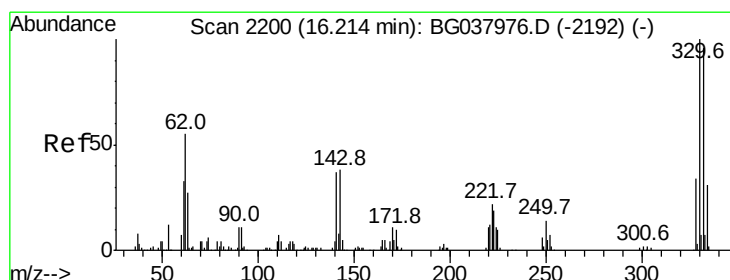
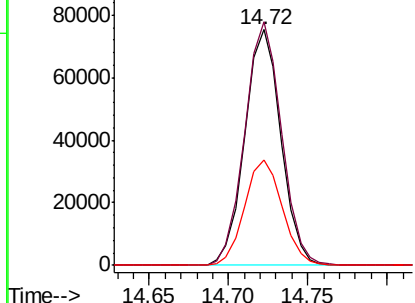
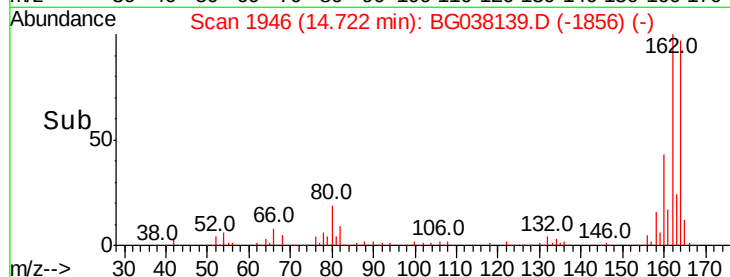
160 44.5 36.3 54.5



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: 109.267 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

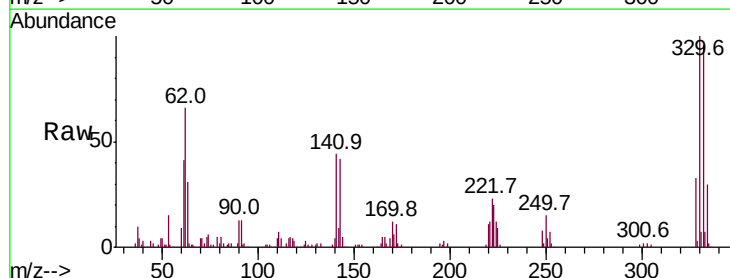
Tgt Ion:330 Resp: 148427

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

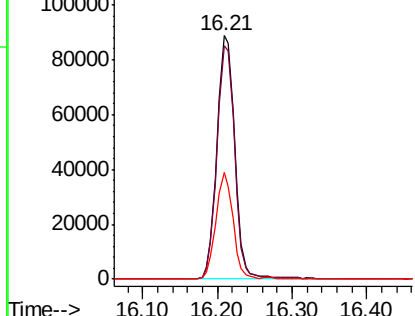
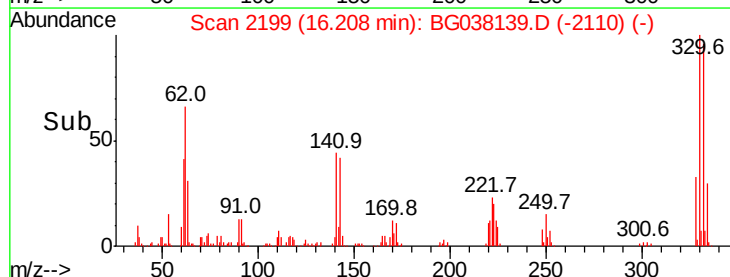
141 41.3 32.2 48.2

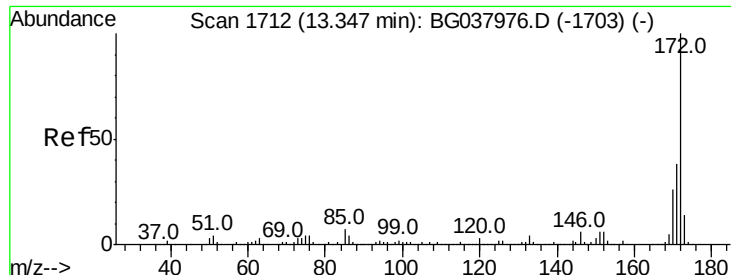


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



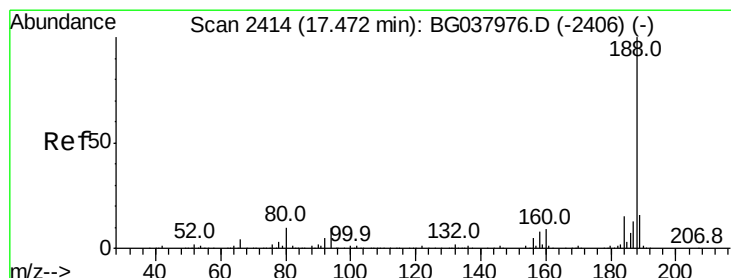
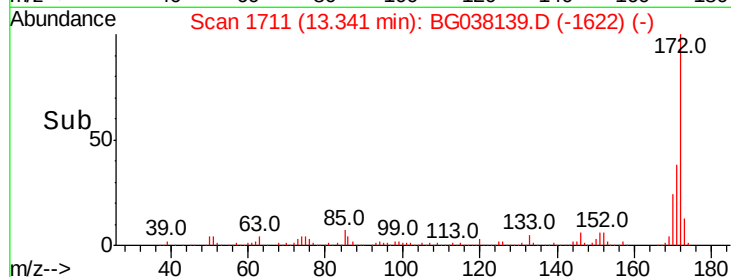
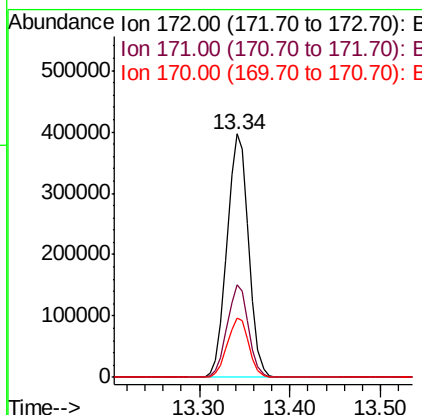
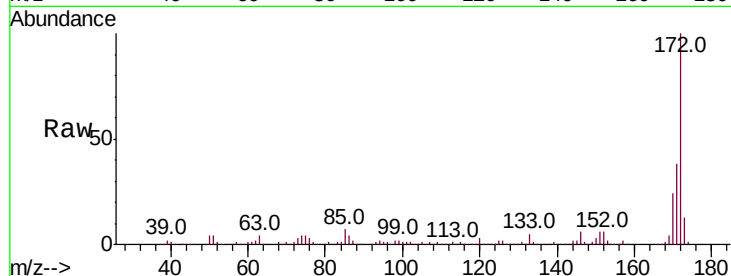


#45
 2-Fluorobiphenyl
 Concen: 80.043 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Instrument :
 BNA_G
 ClientSampled :
 VTW-02

Tot Ion:172 Resp: 654404

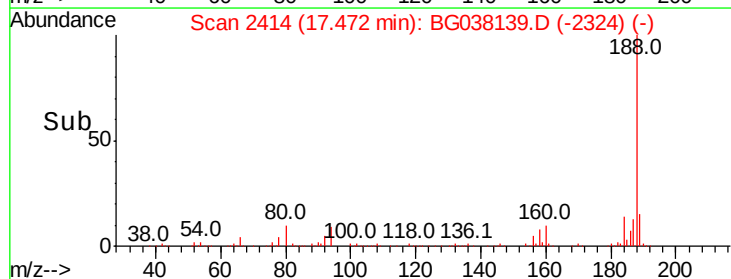
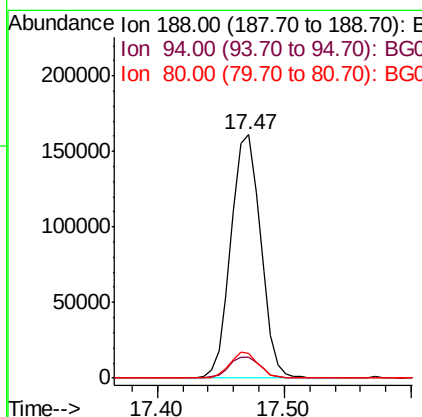
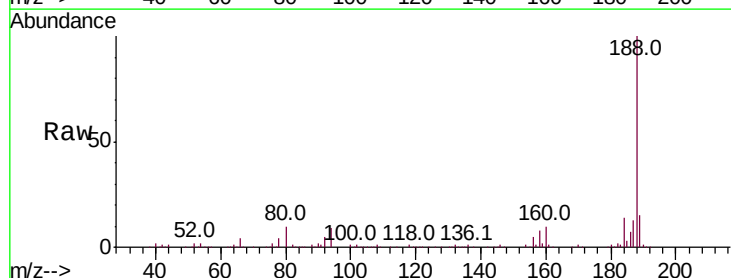
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.3	20.2	30.2

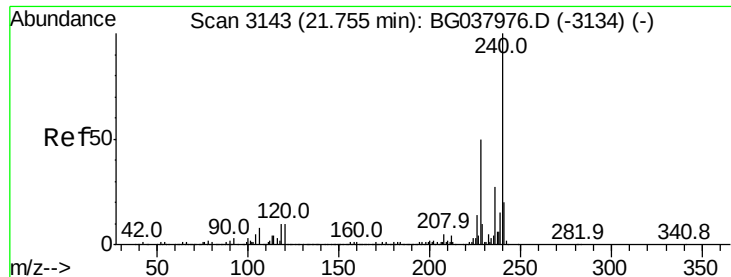


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG038139.D
 Acq: 26 Nov 2018 17:26

Tgt Ion:188 Resp: 261440

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.9	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

VTW-02

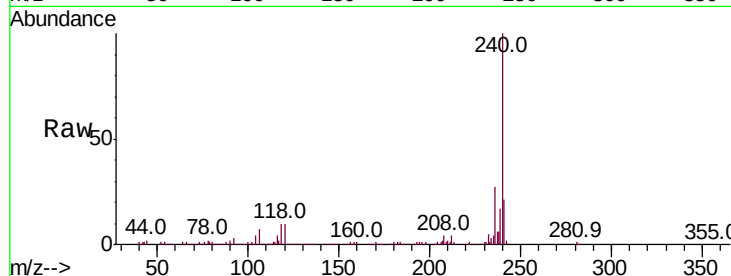
Tot Ion:240 Resp: 237597

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

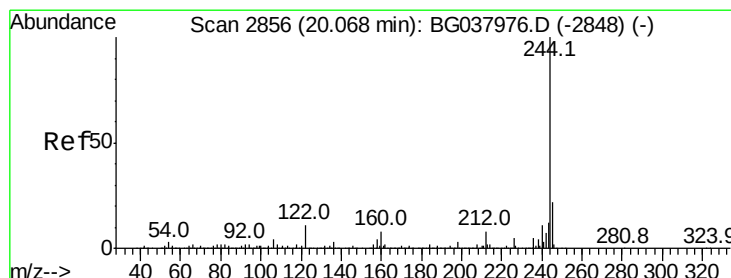
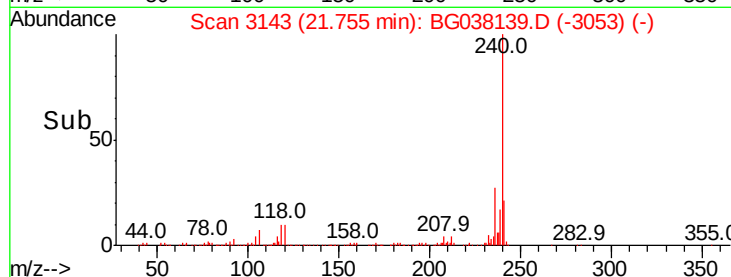
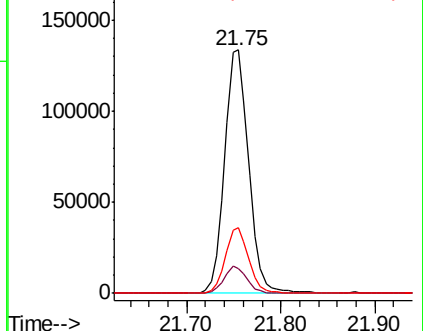
236 26.8 21.4 32.0



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: 89.756 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038139.D

Acq: 26 Nov 2018 17:26

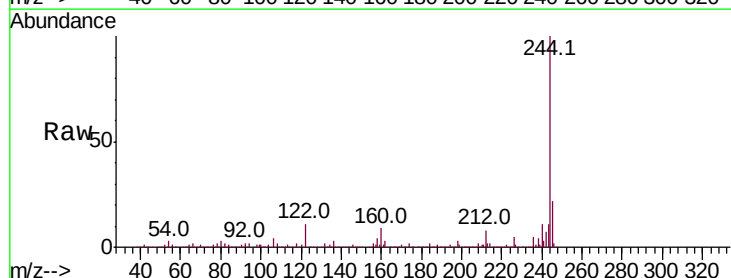
Tgt Ion:244 Resp: 906318

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

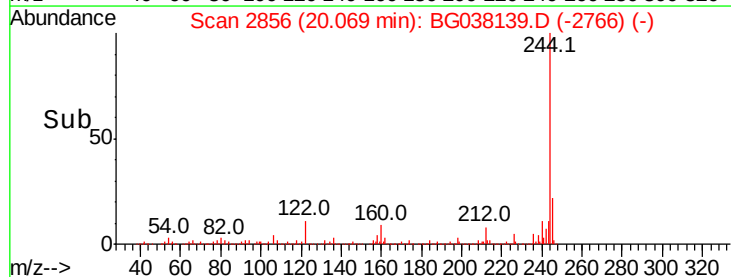
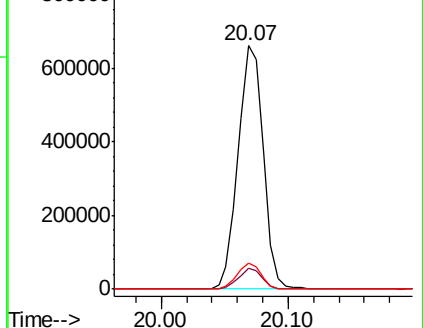
122 10.9 9.0 13.4

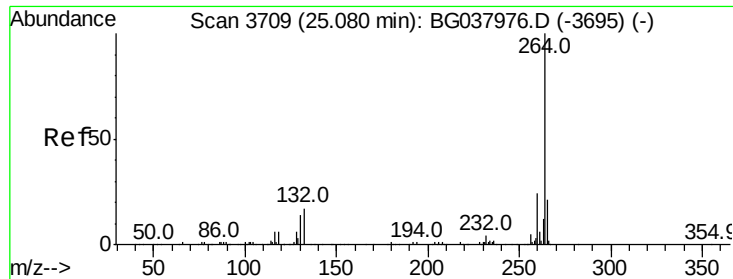


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038139.D
Acq: 26 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :
VTW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.4	17.9	26.9

