

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038206.D
 Acq On : 28 Nov 2018 19:13
 Operator : JU/SJ
 Sample : J6079-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 J-2

Quant Time: Nov 29 04:42:59 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

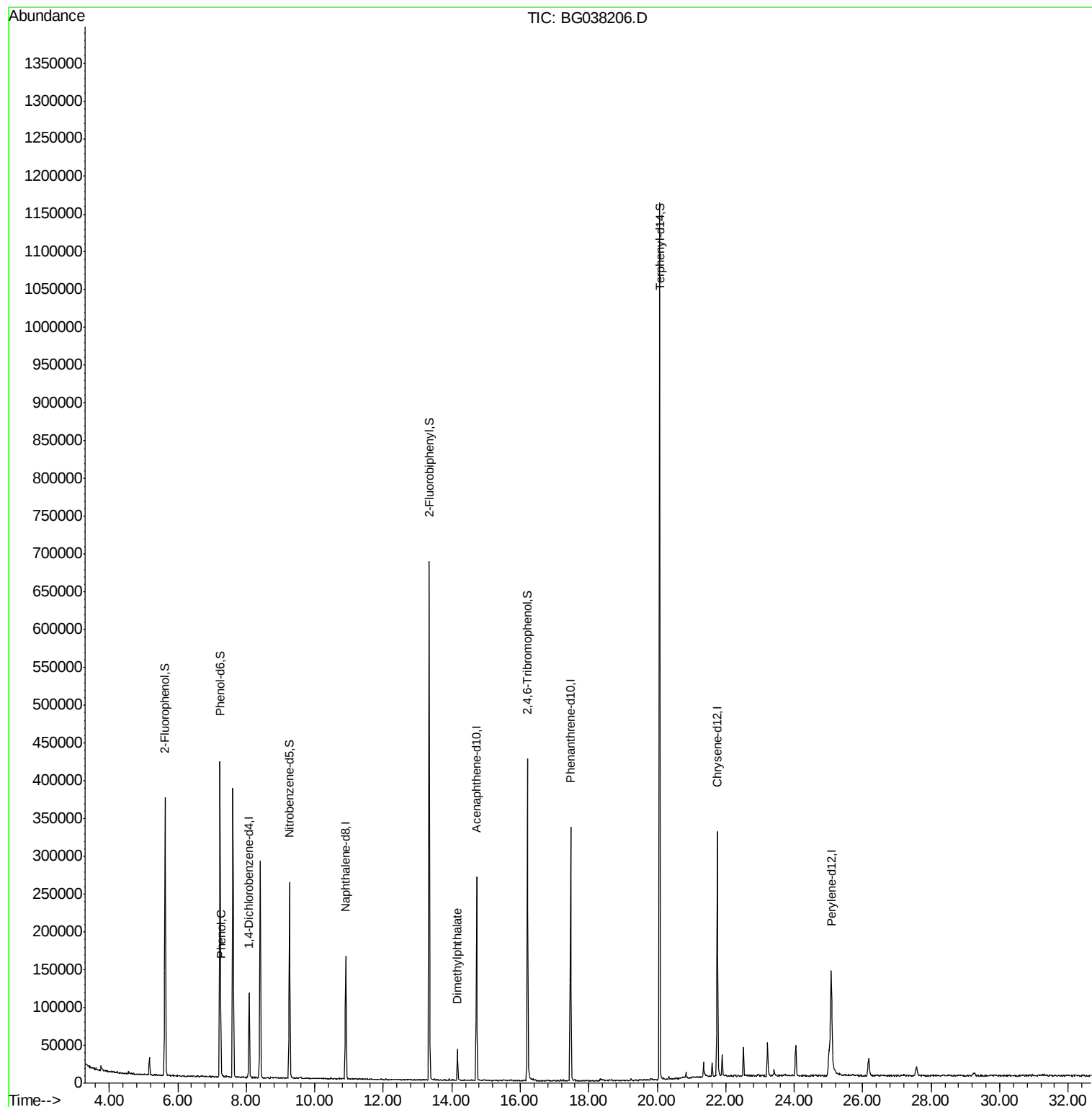
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32995	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149621	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95100	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	218186	20.00	ng	0.00
76) Chrysene-d12	21.75	240	210379	20.00	ng	0.00
87) Perylene-d12	25.08	264	201910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	171413	89.70	ng	0.00
7) Phenol-d6	7.23	99	255261	93.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	158873	56.84	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	79638	73.43	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	372589	57.08	ng	0.00
79) Terphenyl-d14	20.07	244	559582	62.59	ng	0.00
Target Compounds						
10) Phenol	7.26	94	12641	4.375	ng	99
50) Dimethylphthalate	14.16	163	33138	4.395	ng	98

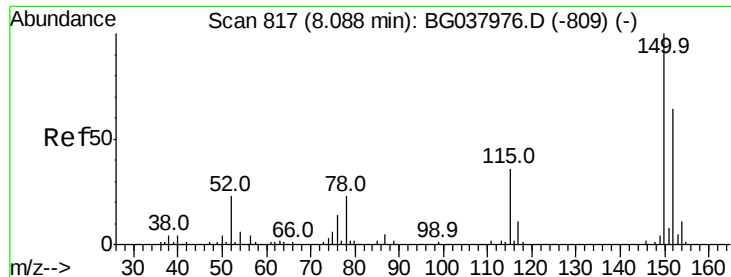
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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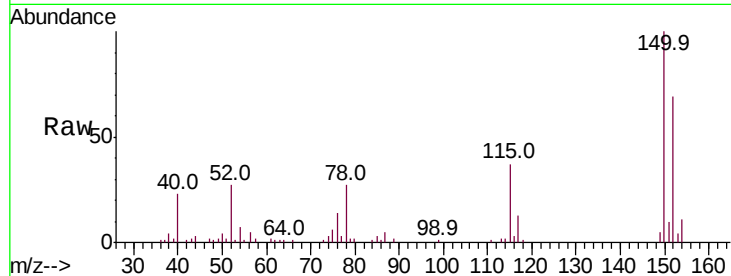


#1

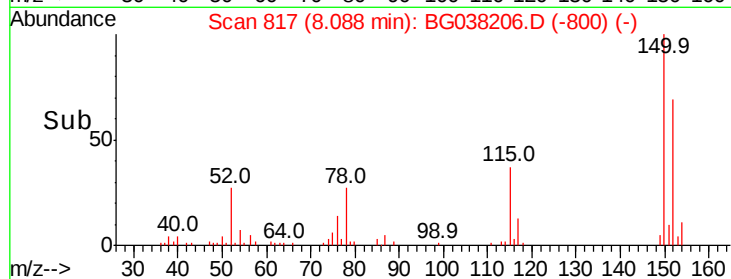
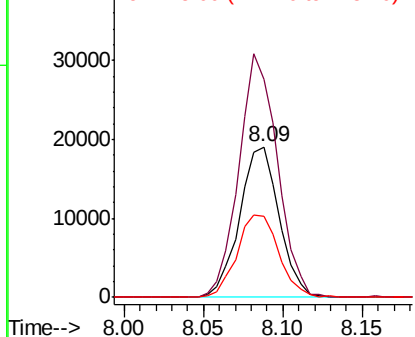
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Instrument :
BNA_G
ClientSampleId :
J-2

Tot Ion:152 Resp: 32995
Ion Ratio Lower Upper
152 100
150 145.0 126.0 189.0
115 54.3 45.5 68.3



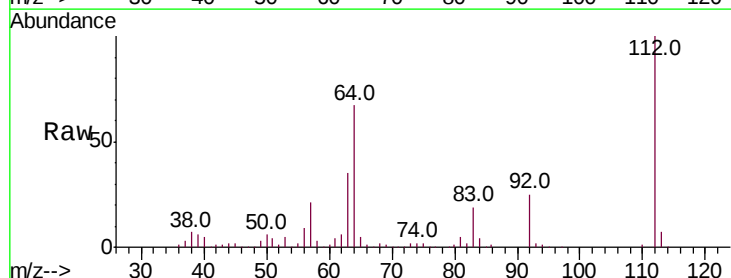
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



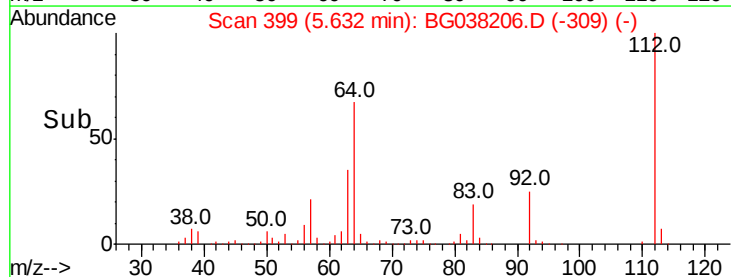
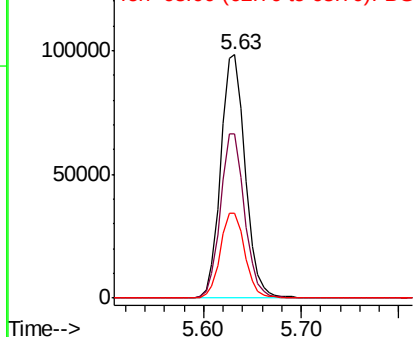
#5

2-Fluorophenol
Concen: 89.697 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion:112 Resp: 171413
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.8 27.3 40.9



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: 93.575 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampleId :

J-2

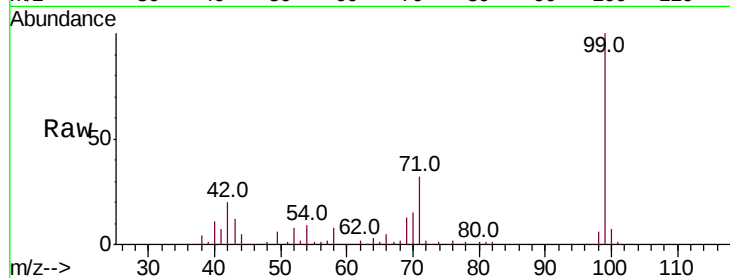
Tot Ion: 99 Resp: 255261

Ion Ratio Lower Upper

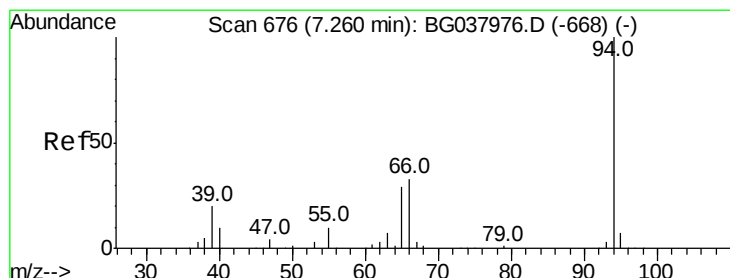
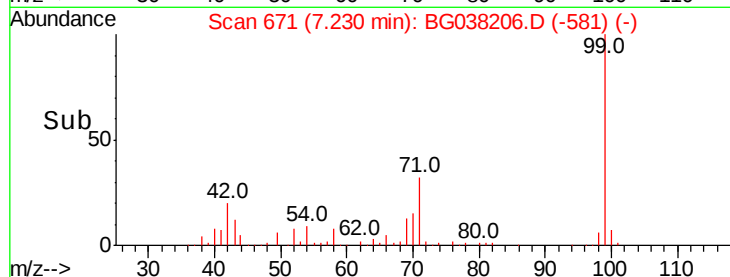
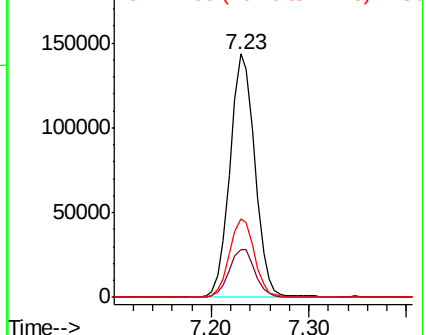
99 100

42 19.8 15.0 22.4

71 32.4 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: 4.375 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

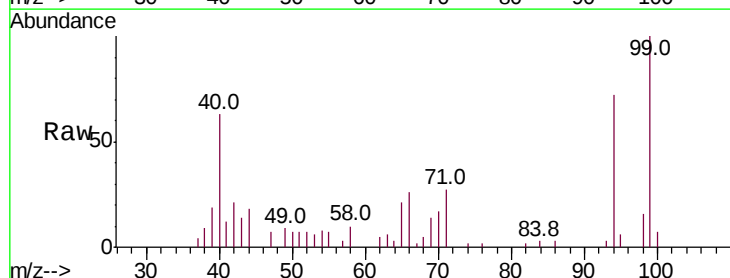
Tgt Ion: 94 Resp: 12641

Ion Ratio Lower Upper

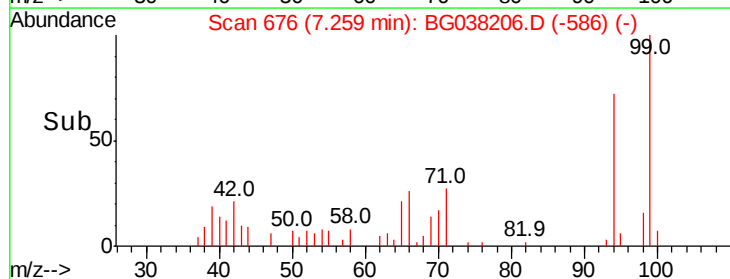
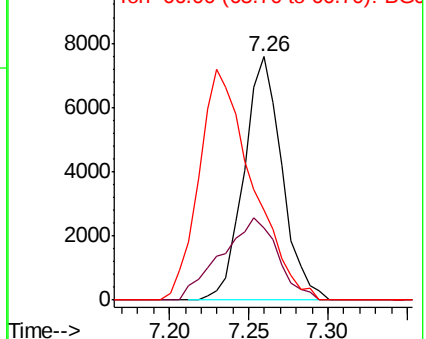
94 100

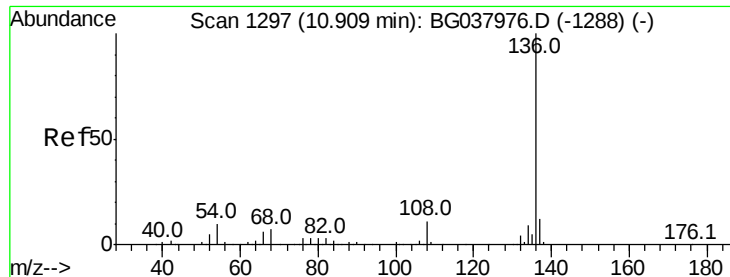
65 29.5 9.7 49.7

66 36.8 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

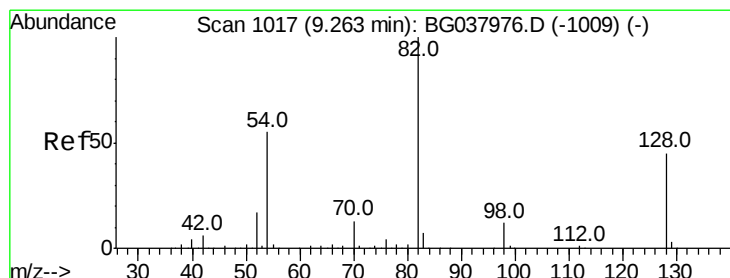
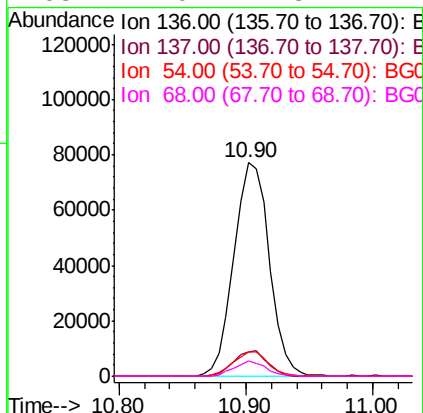
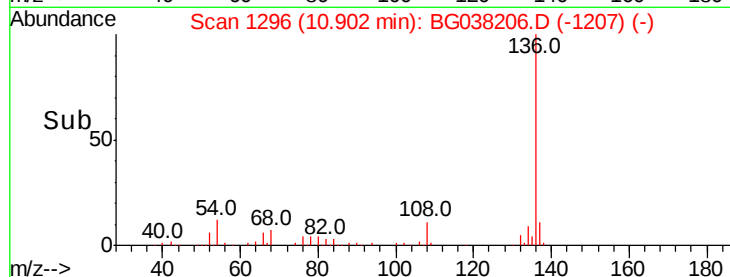
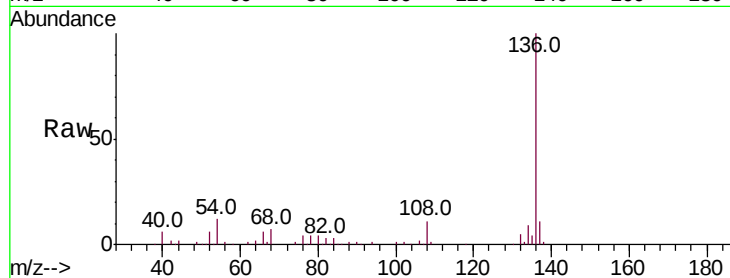




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

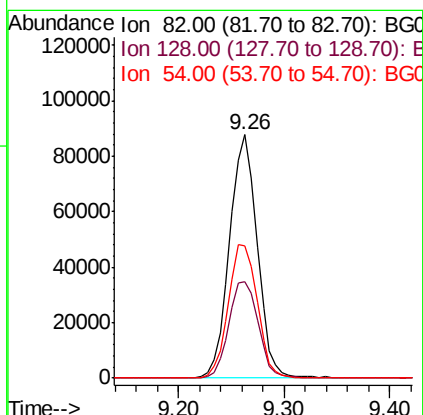
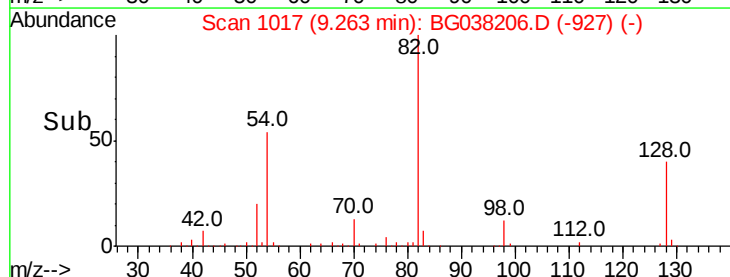
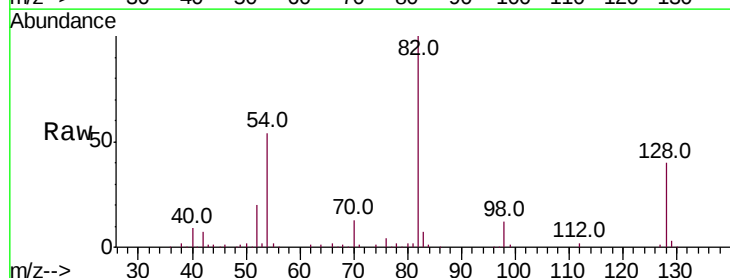
Instrument :
BNA_G
ClientSampleId :
J-2

Tot Ion:136	Resp:	149621
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	11.7	7.9 11.9
68	7.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 56.840 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion: 82	Resp:	158873
Ion	Ratio	Lower Upper
82	100	
128	39.7	34.6 51.8
54	54.5	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: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampleId :

J-2

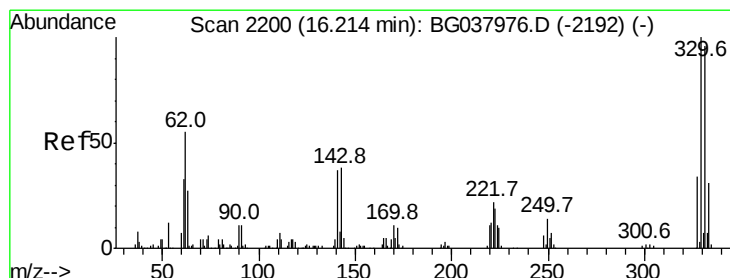
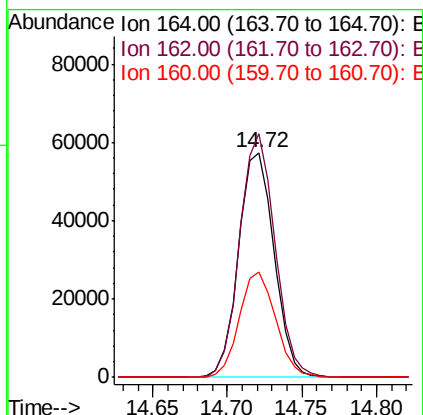
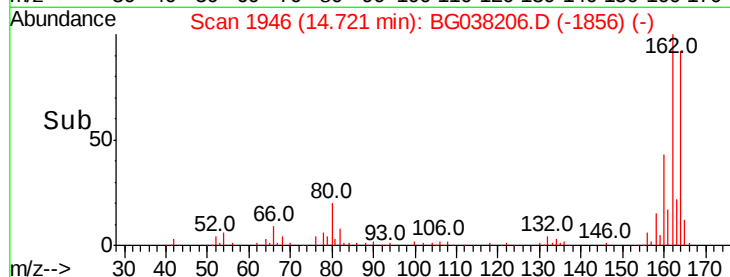
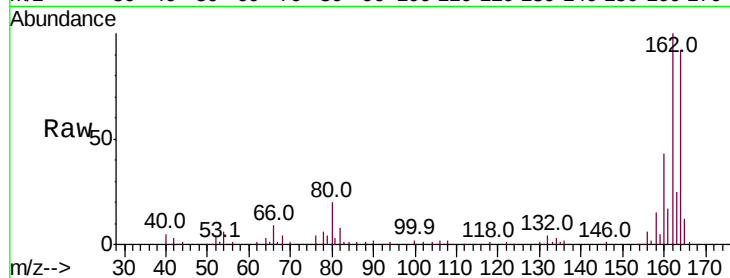
Tot Ion:164 Resp: 95100

Ion Ratio Lower Upper

164 100

162 108.3 81.3 121.9

160 46.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 73.427 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

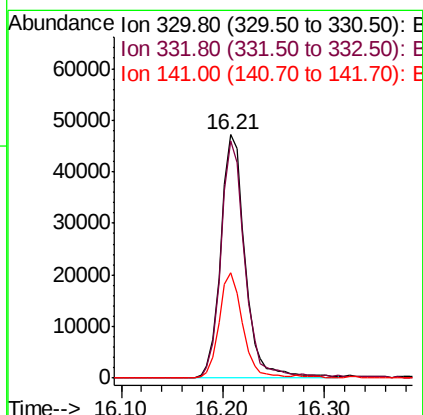
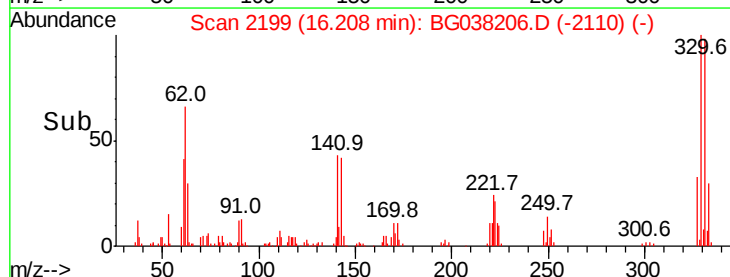
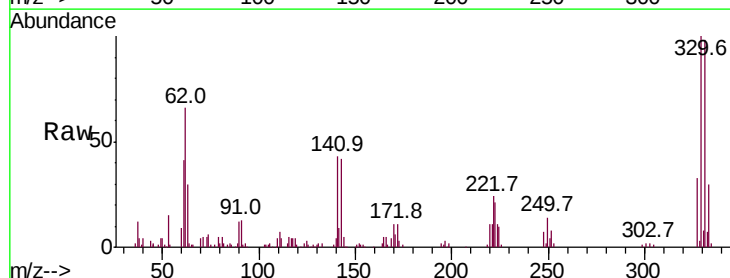
Tgt Ion:330 Resp: 79638

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

141 41.7 32.2 48.2

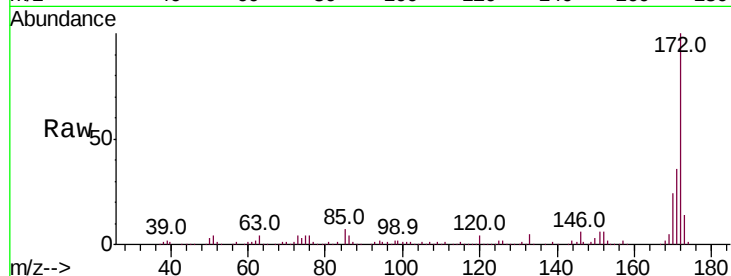




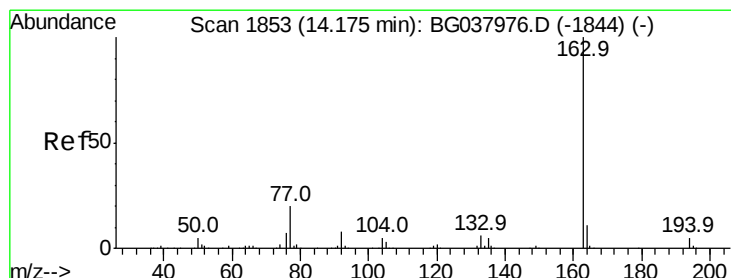
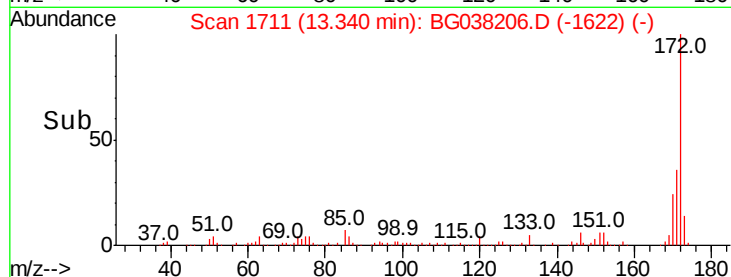
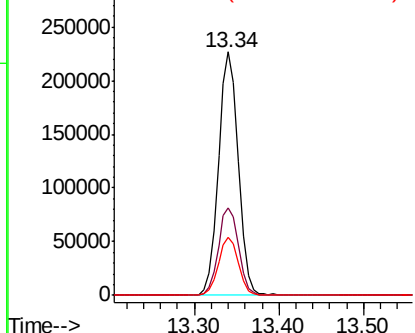
#45
 2-Fluorobiphenyl
 Concen: 57.077 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

Instrument :
 BNA_G
 ClientSampleId :
 J-2

Tot Ion:172 Resp: 372589
 Ion Ratio Lower Upper
 172 100
 171 36.0 31.0 46.4
 170 24.0 20.2 30.2

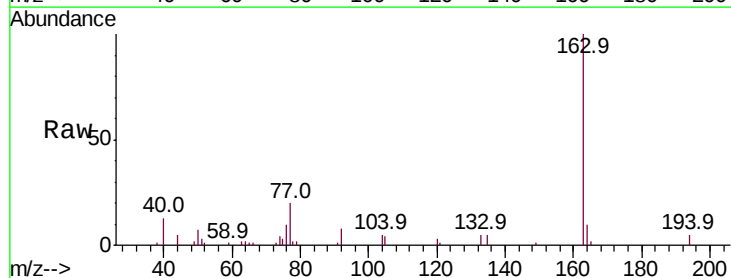


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

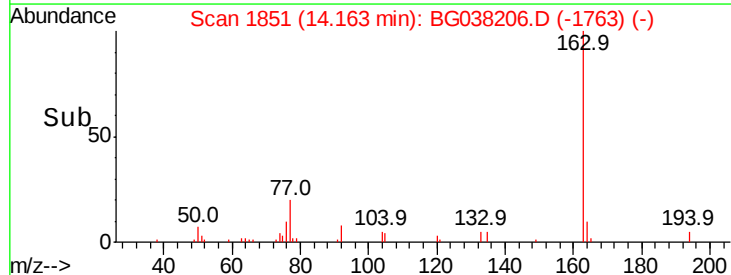
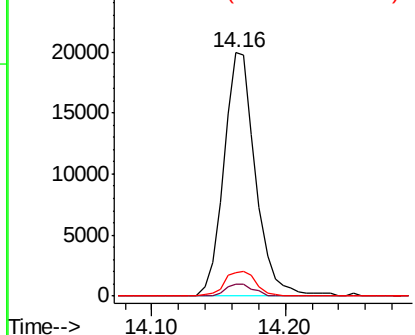


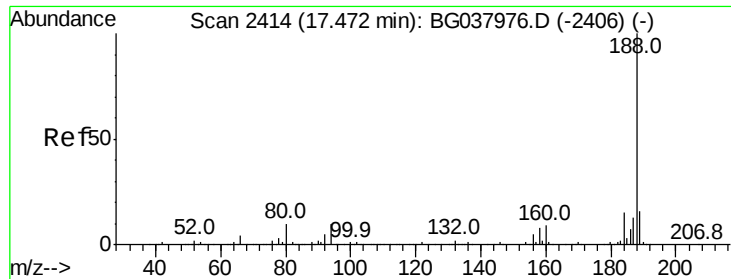
#50
 Dimethylphthalate
 Concen: 4.395 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038206.D
 Acq: 28 Nov 2018 19:13

Tgt Ion:163 Resp: 33138
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.5 5.3
 164 9.7 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

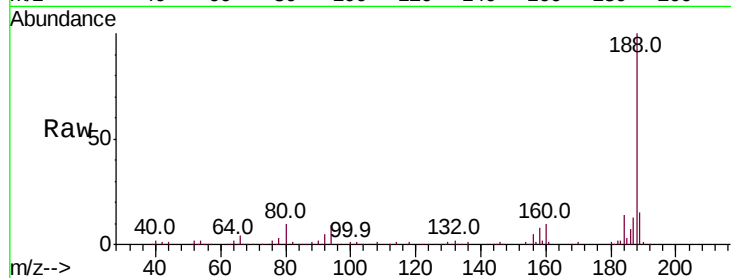




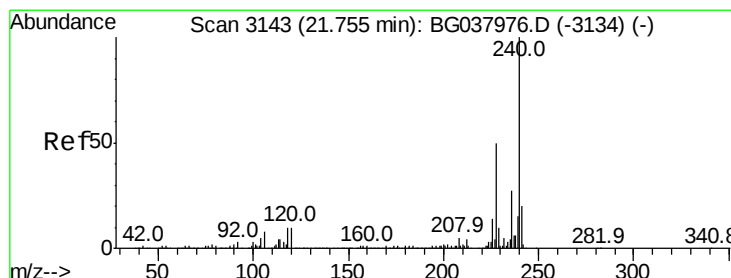
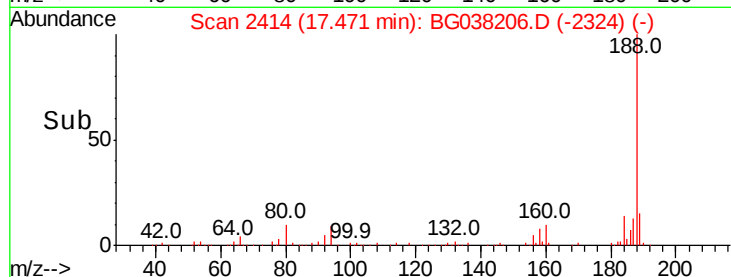
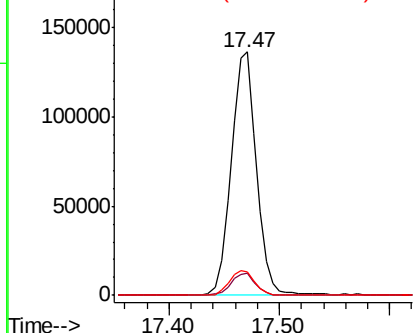
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Instrument :
BNA_G
ClientSampleId :
J-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.5	7.7	11.5

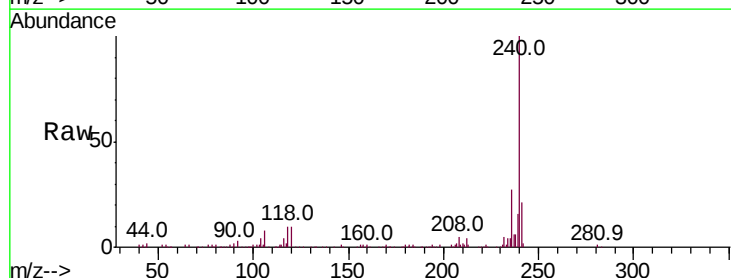


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

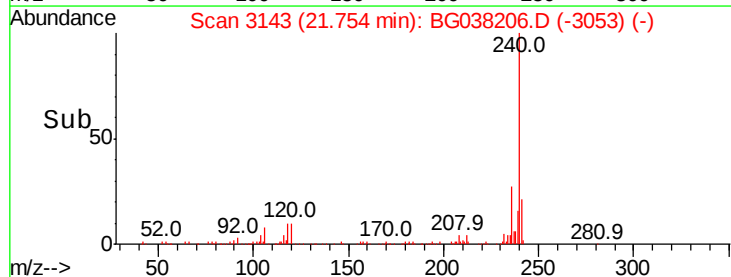
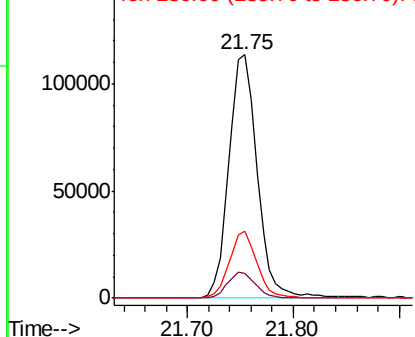


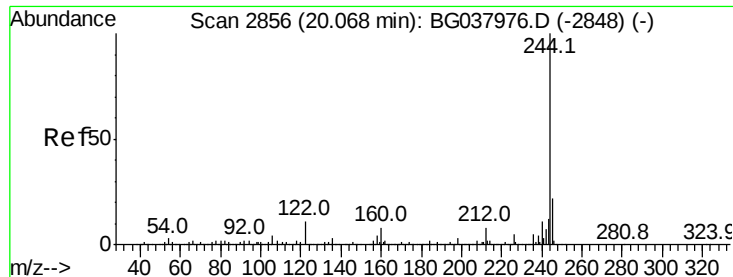
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038206.D
Acq: 28 Nov 2018 19:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	27.3	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: 62.587 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

Instrument :

BNA_G

ClientSampled :

J-2

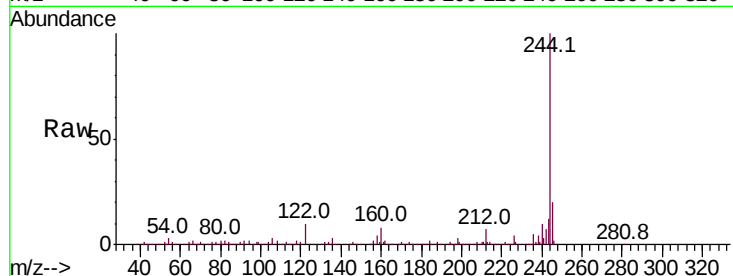
Tot Ion:244 Resp: 559582

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

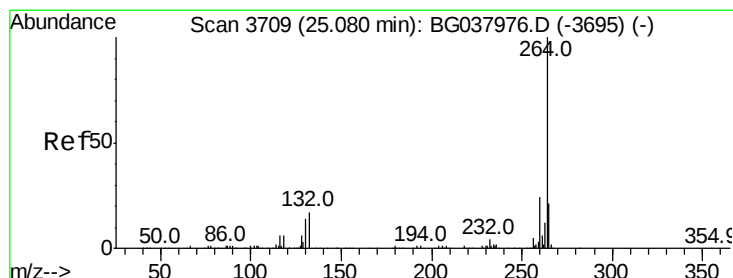
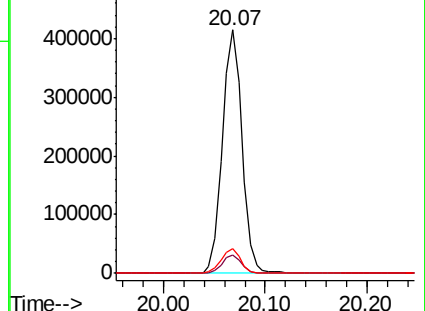
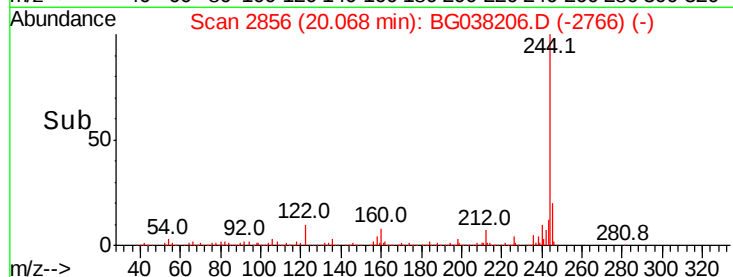
122 10.0 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG038206.D

Acq: 28 Nov 2018 19:13

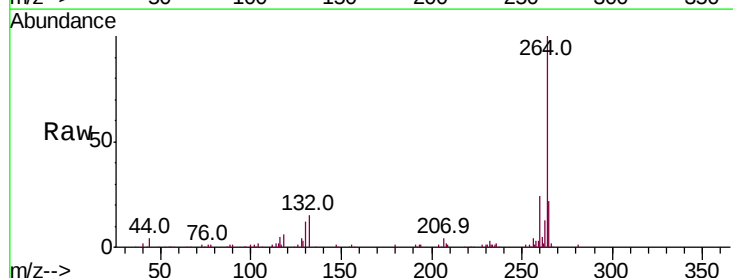
Tgt Ion:264 Resp: 201910

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.8 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

