

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038262.D
 Acq On : 30 Nov 2018 18:01
 Operator : JU/SJ
 Sample : J5761-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918

Quant Time: Dec 01 03:42:02 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	8.08	152	31959	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	139329	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	86428	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	193928	20.00	ng	0.00
76) Chrysene-d12	21.75	240	183884	20.00	ng	0.00
87) Perylene-d12	25.07	264	143003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	207526	112.11	ng	0.00
7) Phenol-d6	7.23	99	267357	101.19	ng	0.00
23) Nitrobenzene-d5	9.26	82	216430	83.15	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	89102	90.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	463744	78.17	ng	-0.01
79) Terphenyl-d14	20.06	244	766958	98.14	ng	0.00

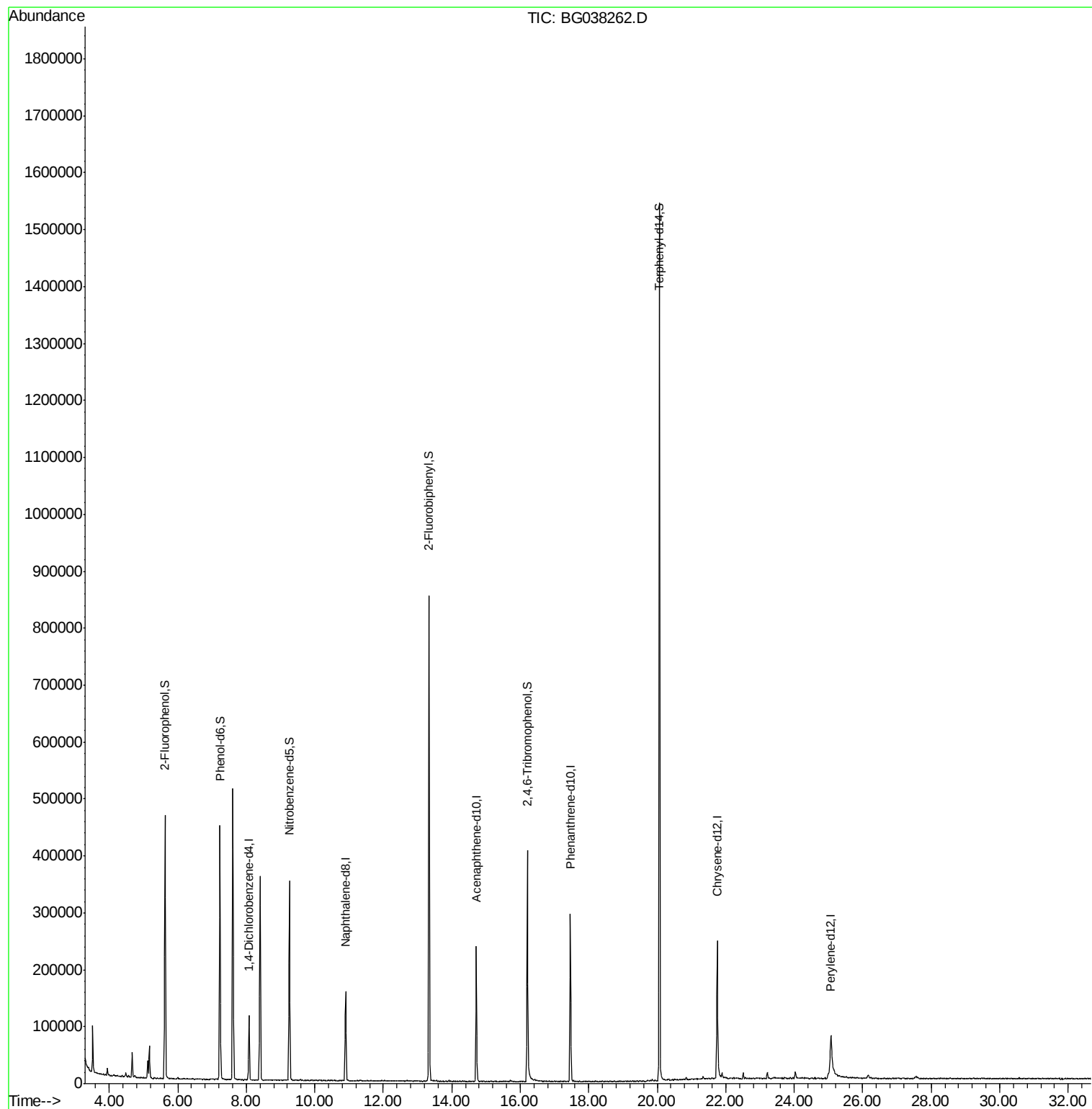
Target Compounds Qvalue

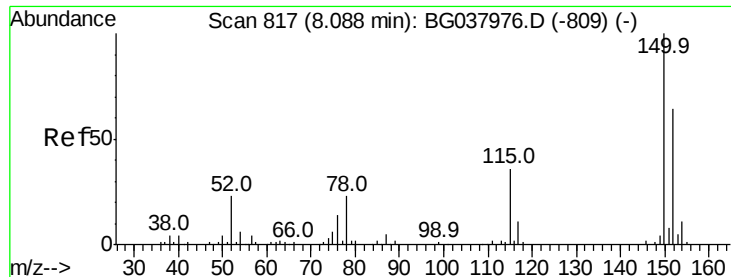
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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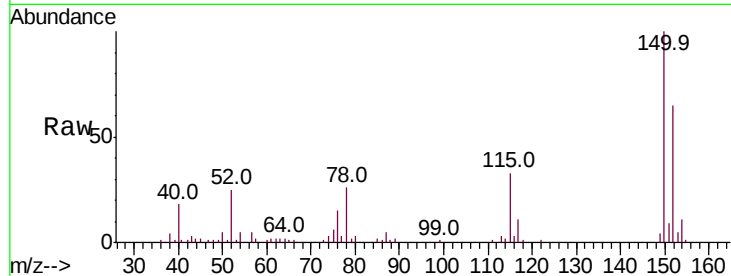


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Instrument :
BNA_G
ClientSampleId :
AU-06-112918

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.0	189.0
115	51.6	45.5	68.3

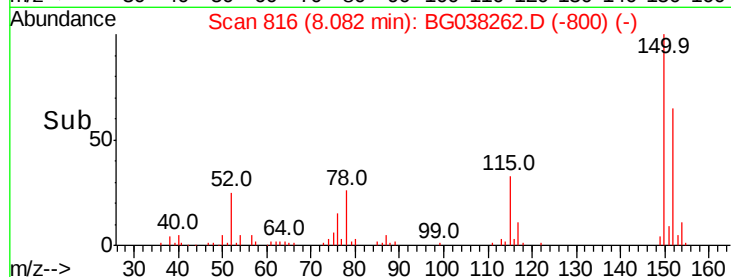
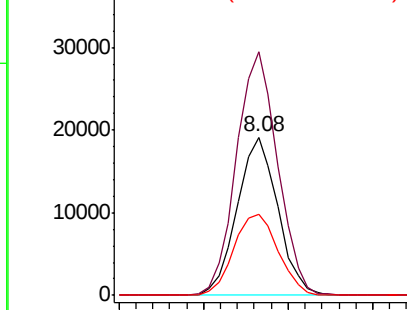


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

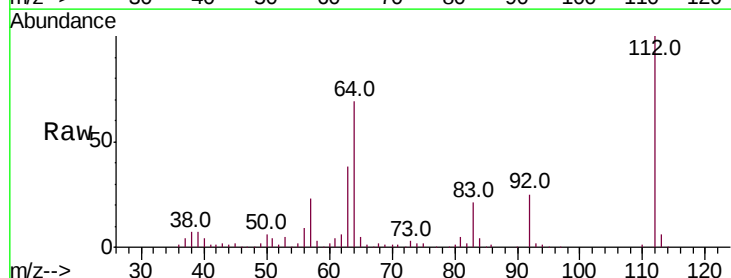
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.115 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.1	79.7
63	37.8	27.3	40.9

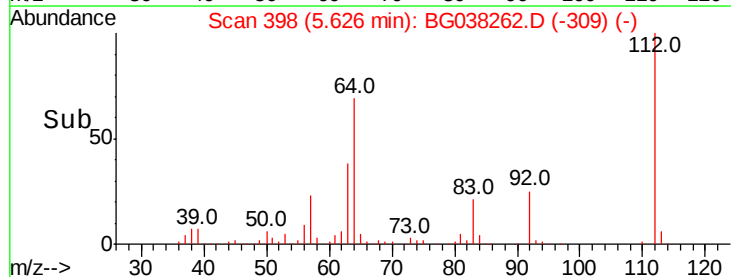
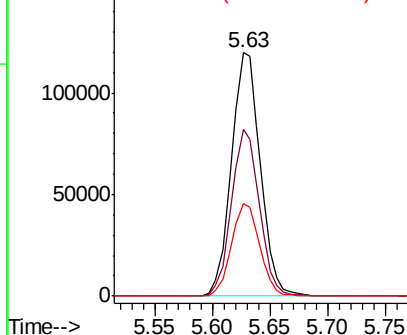


Abundance

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: 101.187 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

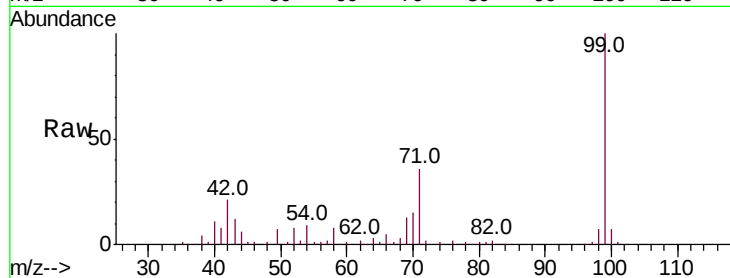
Tot Ion: 99 Resp: 267357

Ion Ratio Lower Upper

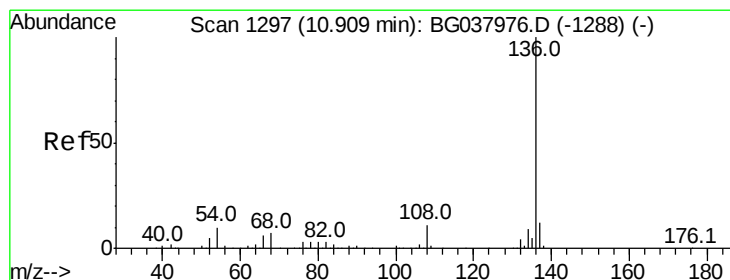
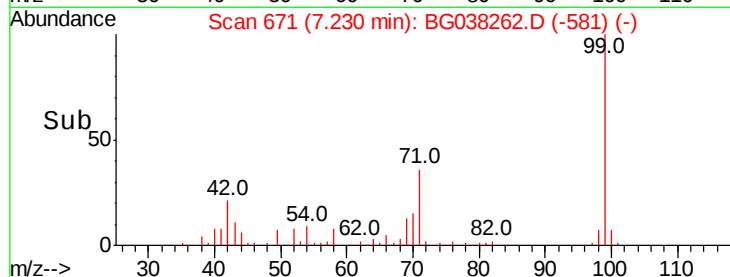
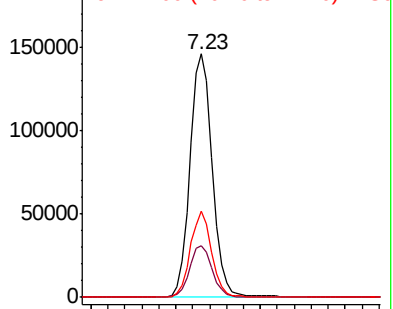
99 100

42 21.3 15.0 22.4

71 35.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Tgt Ion: 136 Resp: 139329

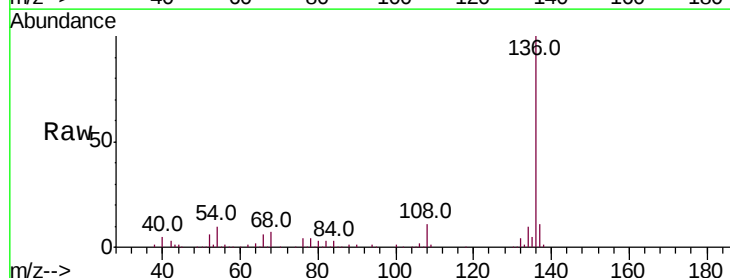
Ion Ratio Lower Upper

136 100

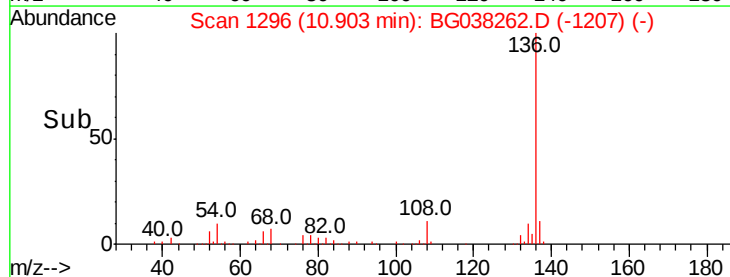
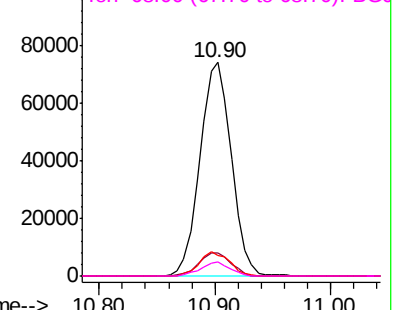
137 11.0 9.6 14.4

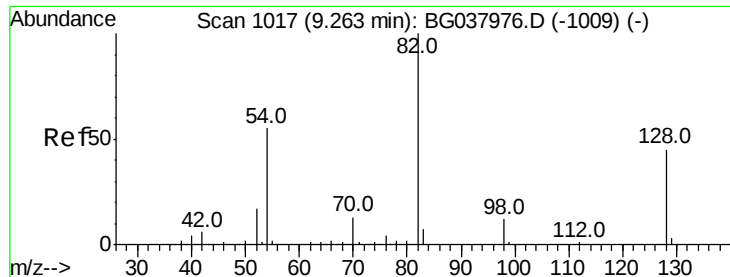
54 9.7 7.9 11.9

68 6.6 4.8 7.2



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

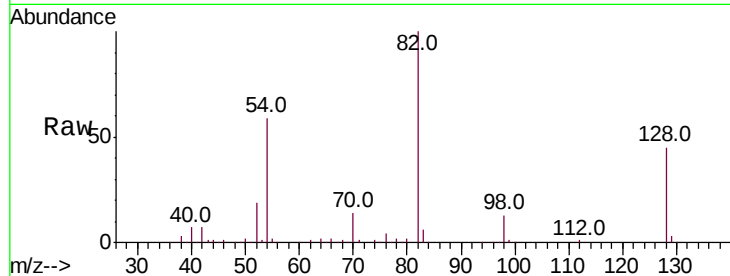




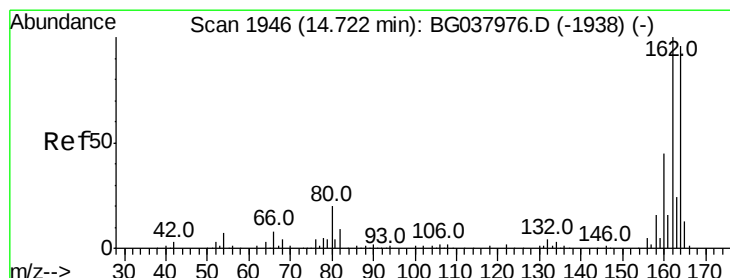
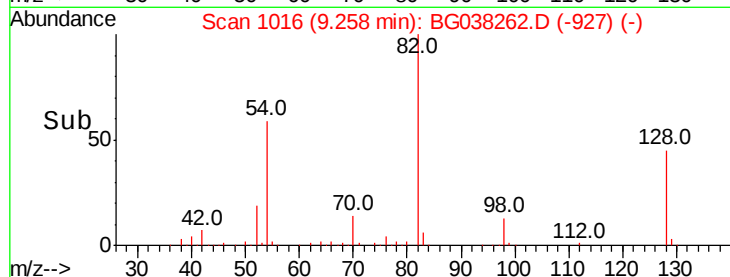
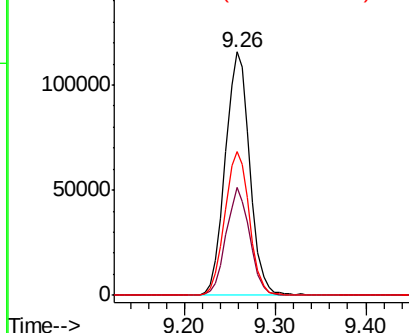
#23
Nitrobenzene-d5
Concen: 83.153 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Instrument :
BNA_G
ClientSampleId :
AU-06-112918

Tot Ion	82	Resp	216430
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.6	51.8
54	59.3	45.3	67.9

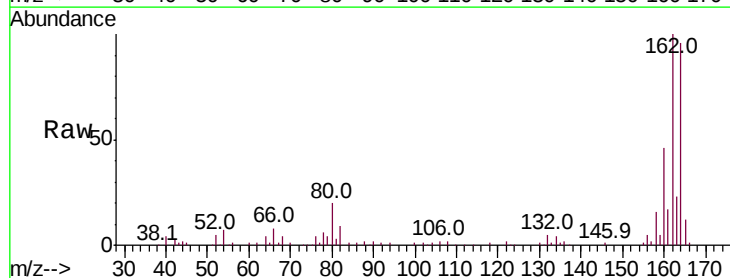


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

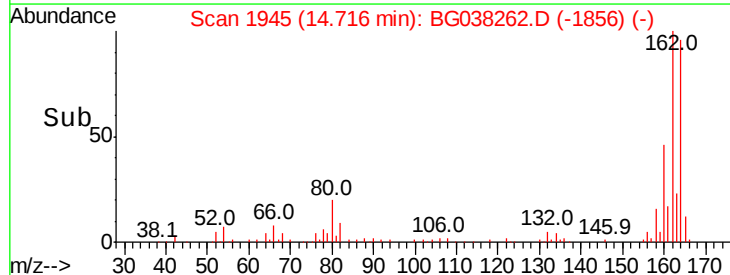
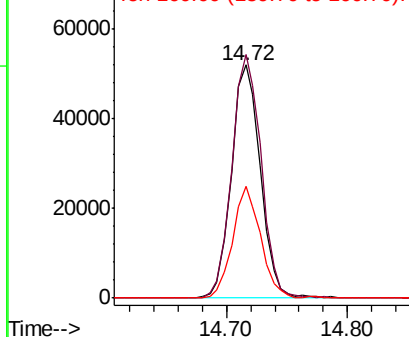


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Tgt Ion	164	Resp	86428
Ion Ratio	Lower	Upper	
164	100		
162	104.6	81.3	121.9
160	48.0	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

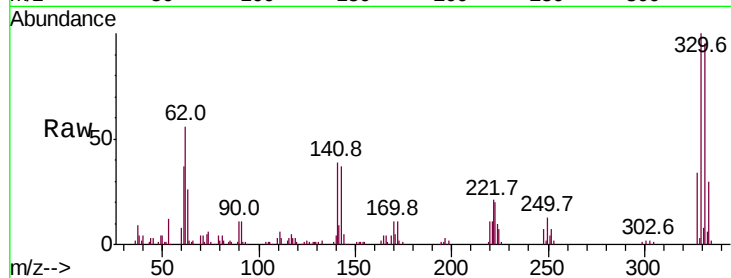




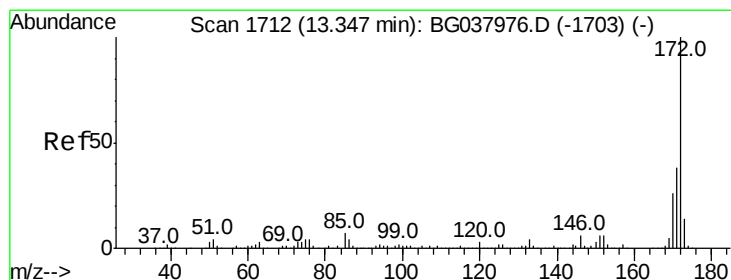
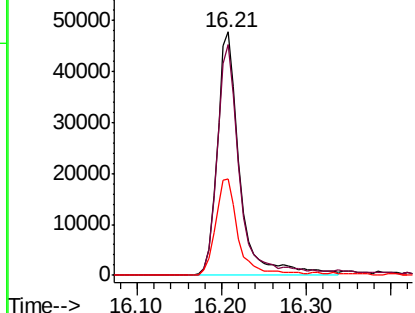
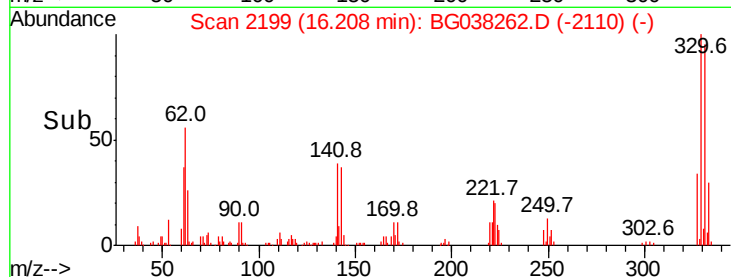
#42
 2,4,6-Tribromophenol
 Concen: 90.396 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038262.D
 Acq: 30 Nov 2018 18:01

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	40.4	32.2	48.2

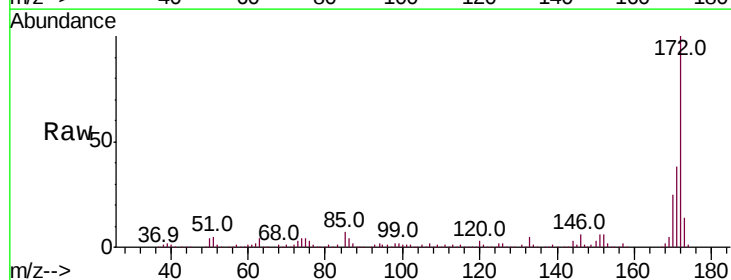


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

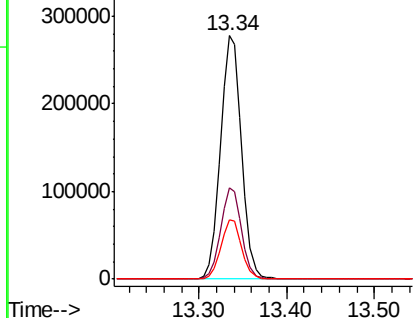
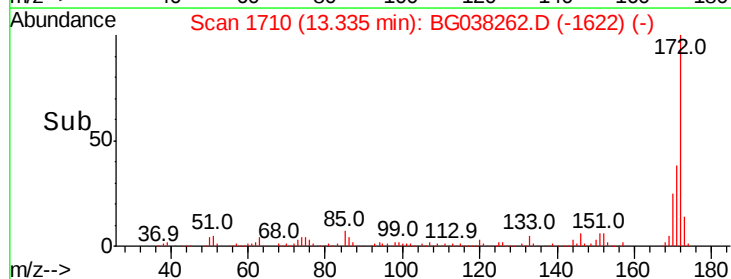


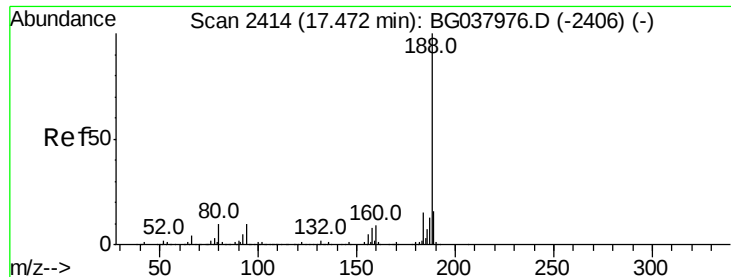
#45
 2-Fluorobiphenyl
 Concen: 78.170 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038262.D
 Acq: 30 Nov 2018 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.6	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

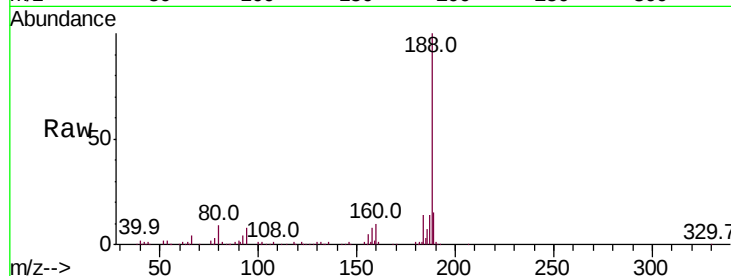
Tot Ion:188 Resp: 193928

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

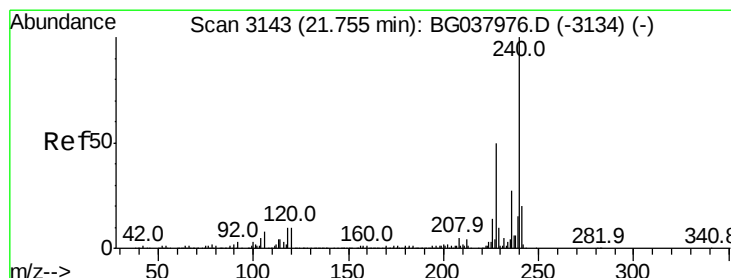
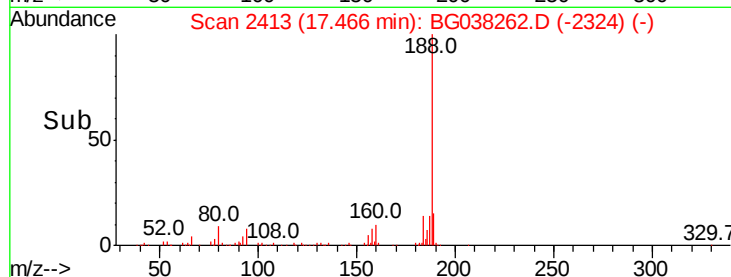
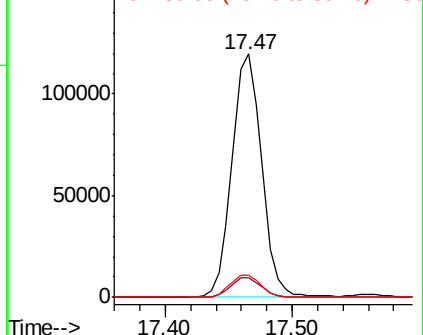
80 9.2 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

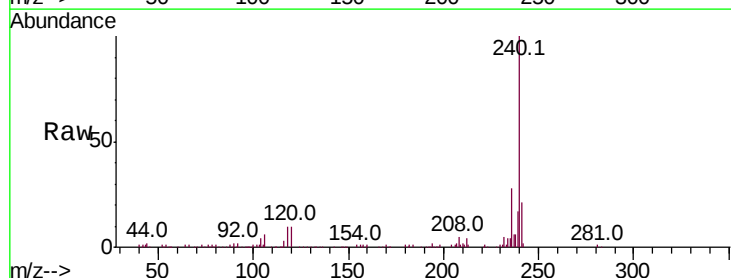
Tgt Ion:240 Resp: 183884

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

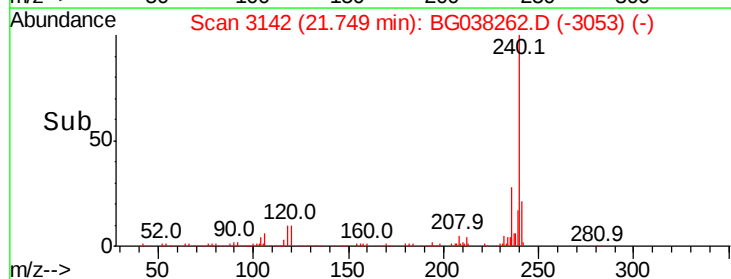
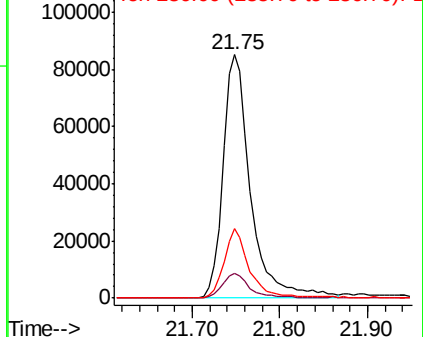
236 28.4 21.4 32.0



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: 98.141 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

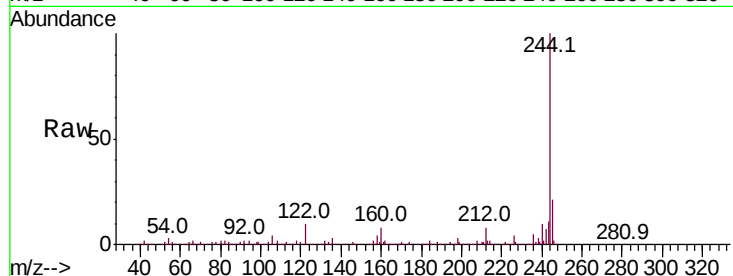
Tot Ion:244 Resp: 766958

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	9.9	9.0	13.4

244 100

212 7.8 6.5 9.7

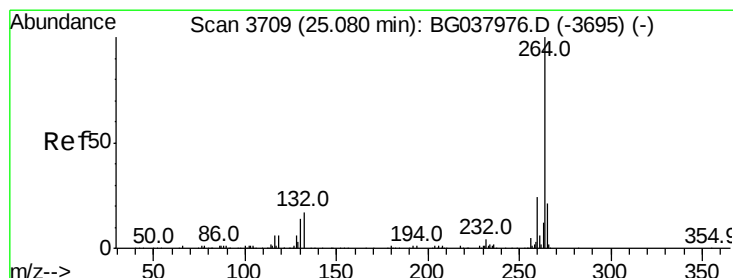
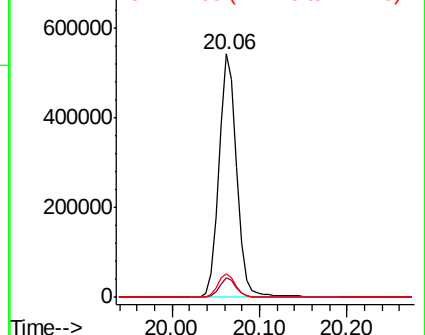
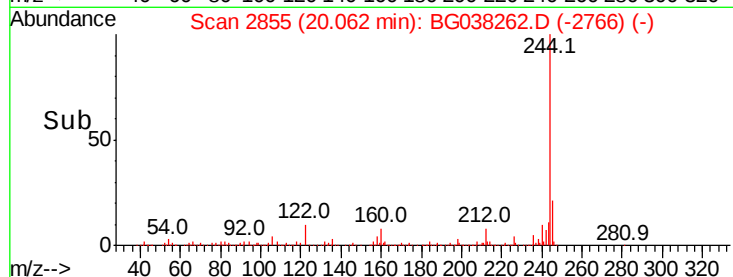
122 9.9 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

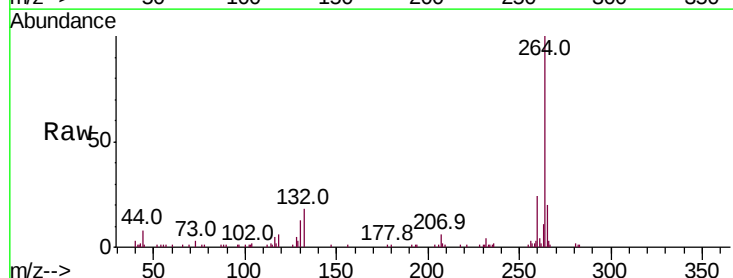
Tgt Ion:264 Resp: 143003

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	19.8	17.9	26.9

264 100

260 23.9 18.2 27.4

265 19.8 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

