

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038228.D
 Acq On : 29 Nov 2018 10:29
 Operator : JU/SJ
 Sample : J6069-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-S

Quant Time: Nov 29 12:26:38 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	34030	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	161309	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	102176	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	227356	20.00	ng	0.00
76) Chrysene-d12	21.75	240	214795	20.00	ng	0.00
87) Perylene-d12	25.08	264	215117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	88715	45.01	ng	0.00
7) Phenol-d6	7.23	99	79912	28.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	275118	91.30	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	93004	79.81	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	635447	90.60	ng	0.00
79) Terphenyl-d14	20.07	244	913664	100.09	ng	0.00

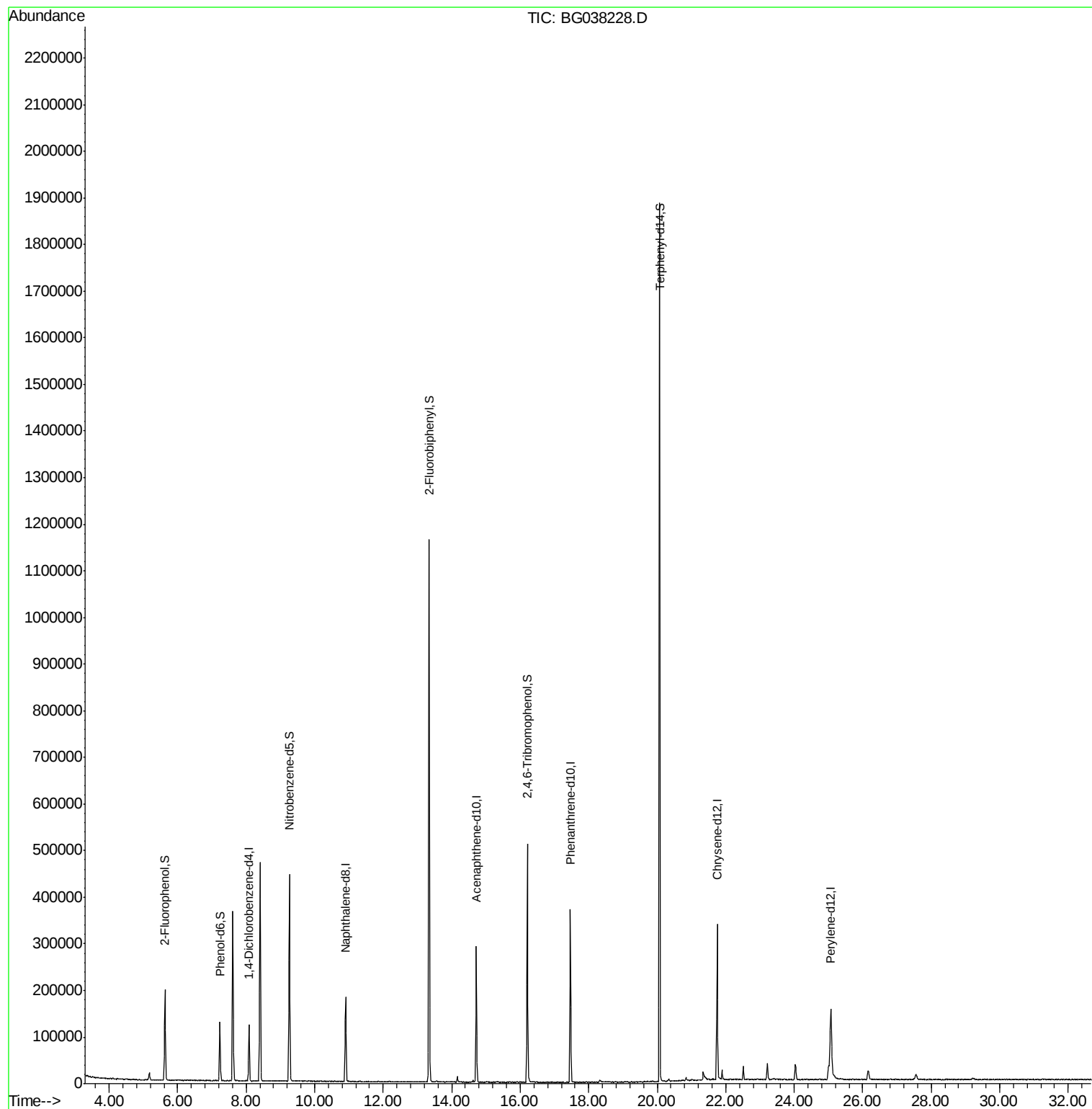
Target Compounds Qvalue

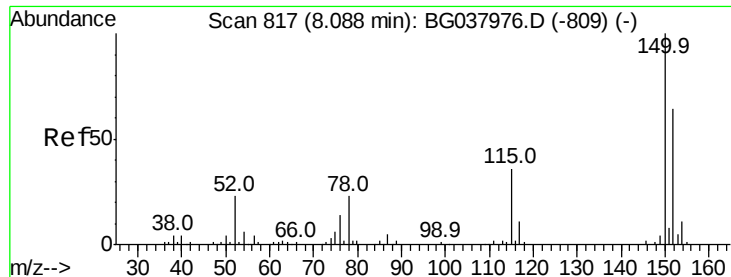
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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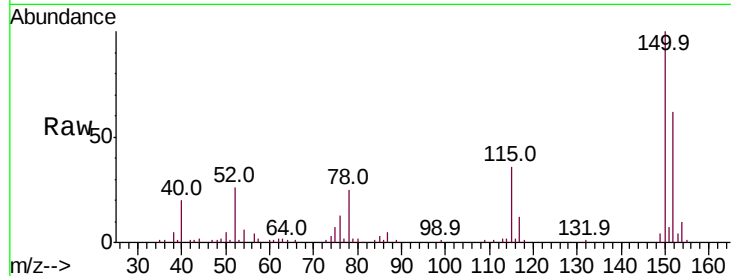


#1

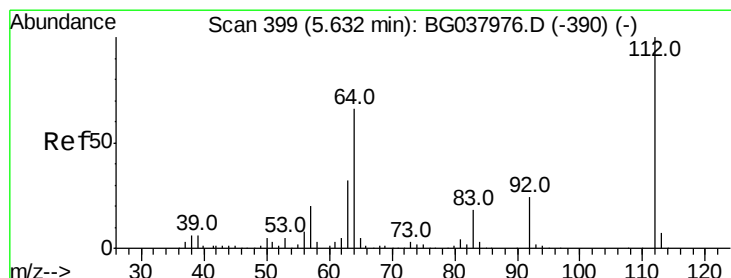
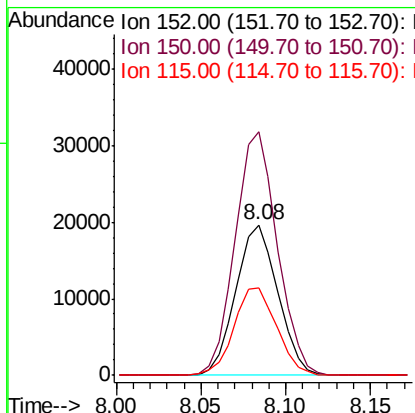
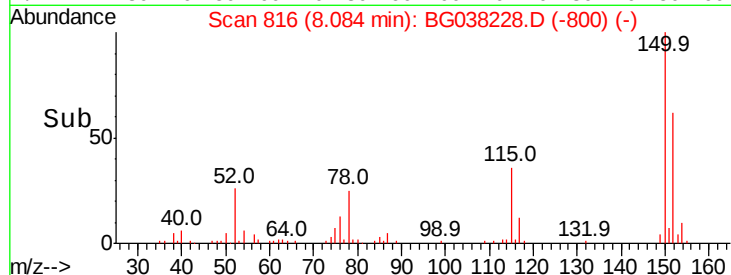
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-S

Tot Ion:152 Resp: 34030
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.0 189.0
 115 58.4 45.5 68.3



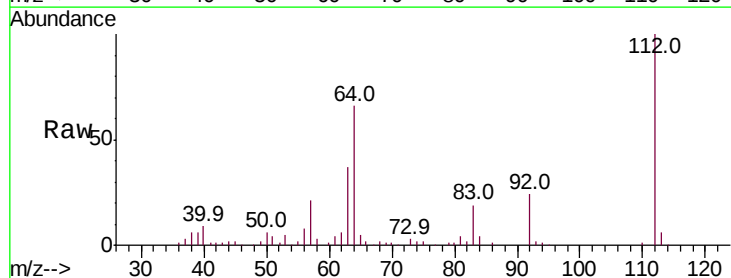
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



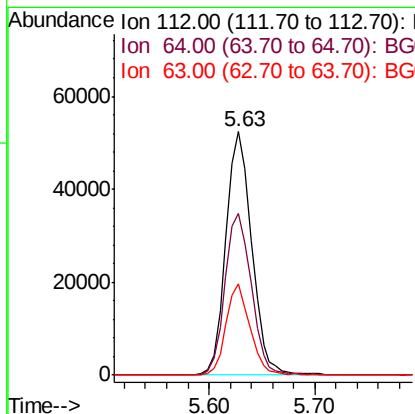
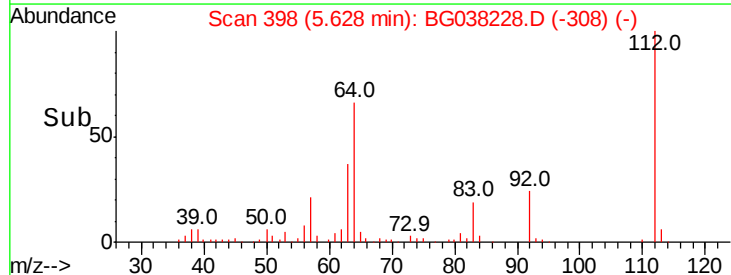
#5

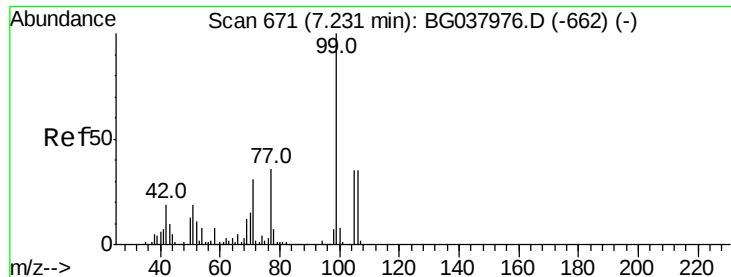
2-Fluorophenol
 Concen: 45.011 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion:112 Resp: 88715
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.1 79.7
 63 37.2 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: 28.404 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-S

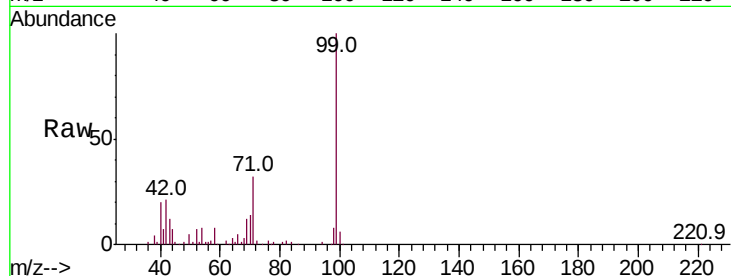
Tot Ion: 99 Resp: 79912

Ion Ratio Lower Upper

99 100

42 20.7 15.0 22.4

71 32.5 25.5 38.3

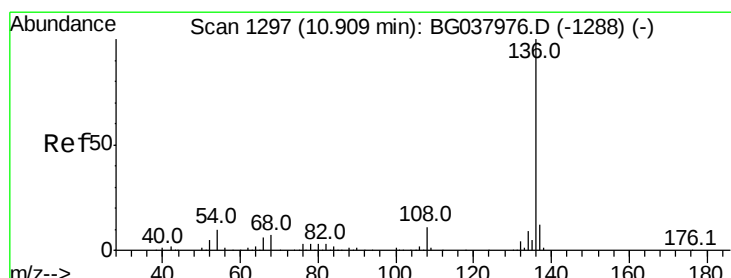
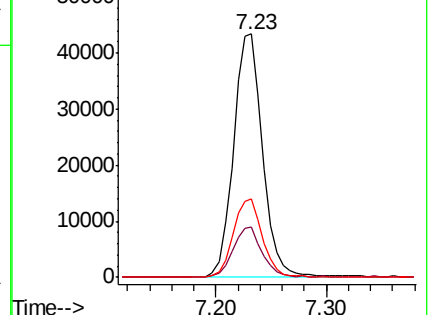
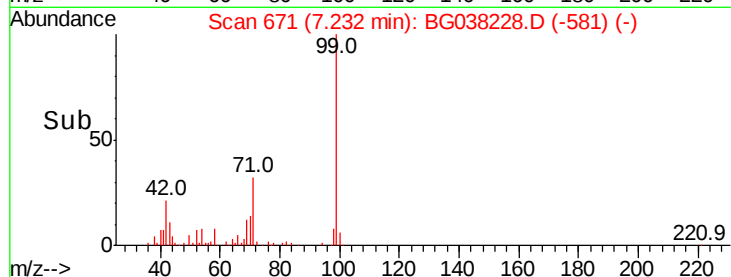


Abundance

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. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Tgt Ion: 136 Resp: 161309

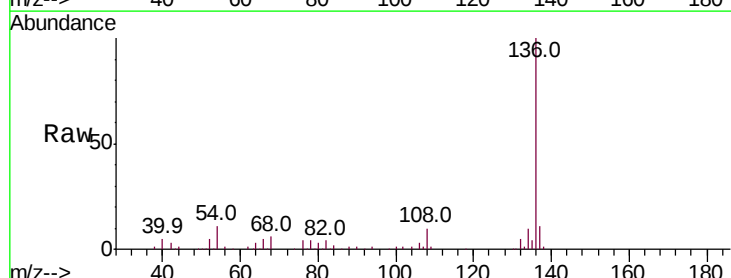
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 11.0 7.9 11.9

68 5.6 4.8 7.2



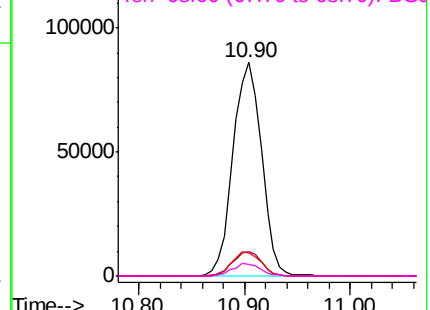
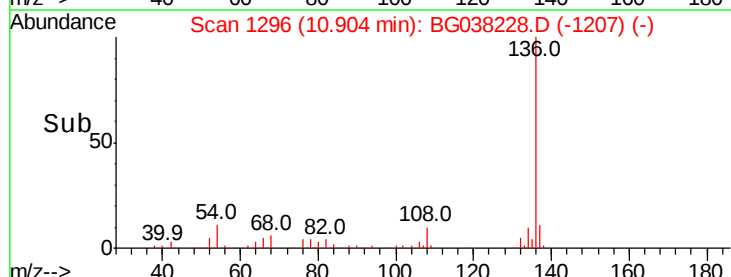
Abundance

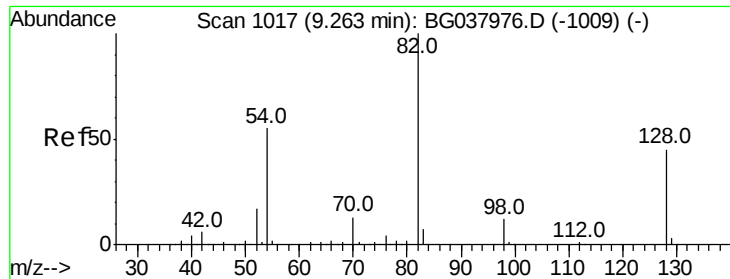
Ion 136.00 (135.70 to 136.70): BGC

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

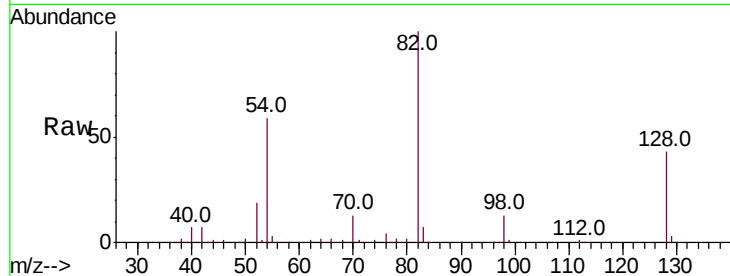




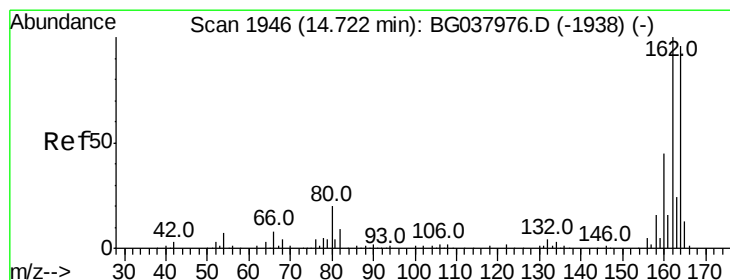
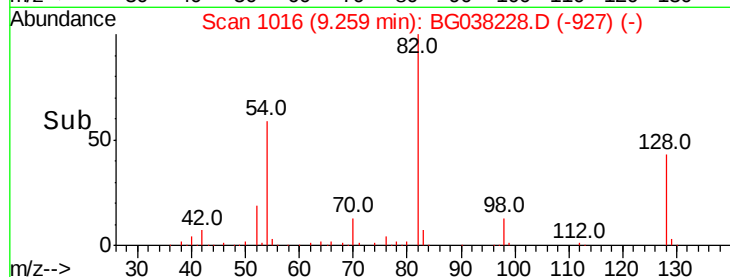
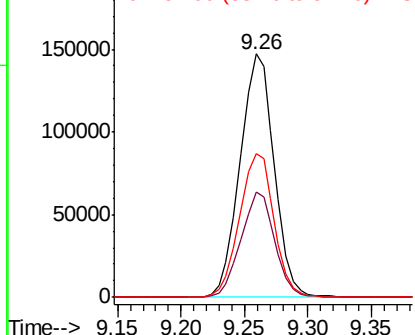
#23
 Nitrobenzene-d5
 Concen: 91.298 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-S

Tot Ion: 82 Resp: 275118
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 59.1 45.3 67.9

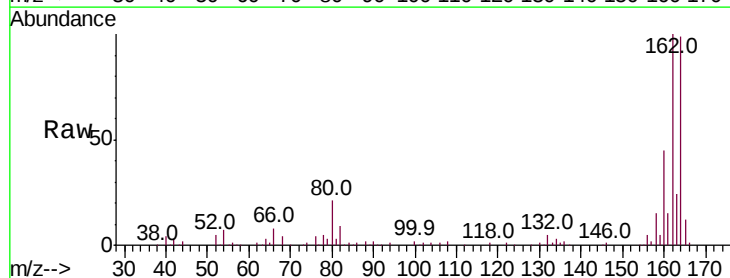


Abundance Ion 82.00 (81.70 to 82.70): BGC
 200000 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

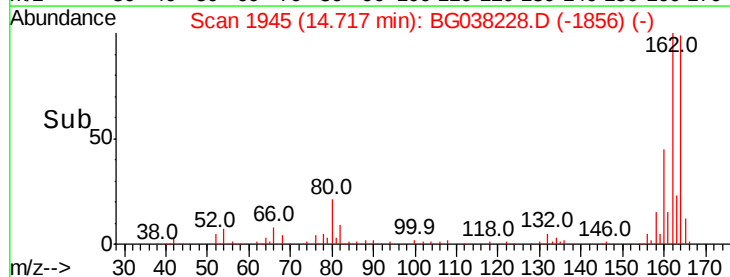
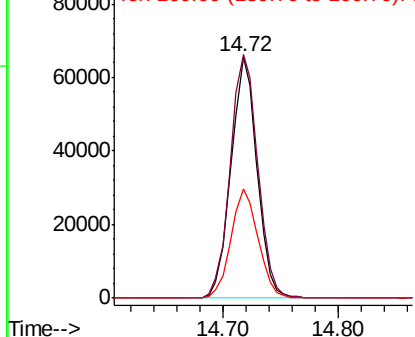


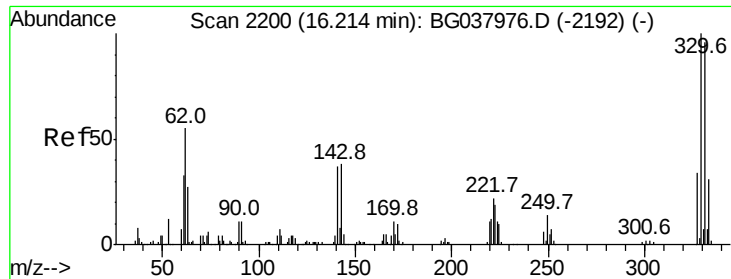
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion: 164 Resp: 102176
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.3 121.9
 160 45.0 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

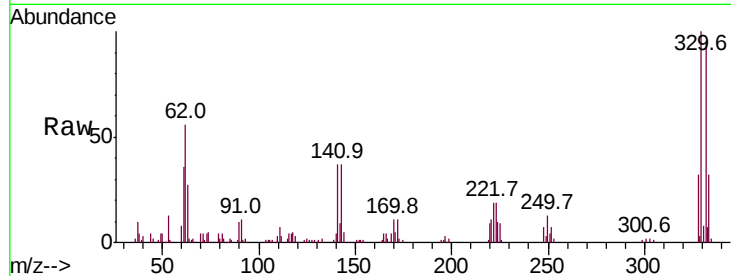




#42
 2,4,6-Tribromophenol
 Concen: 79.812 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Instrument :
 BNA_G
 ClientSampleId :
 112318-CHDE-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	40.6	32.2	48.2

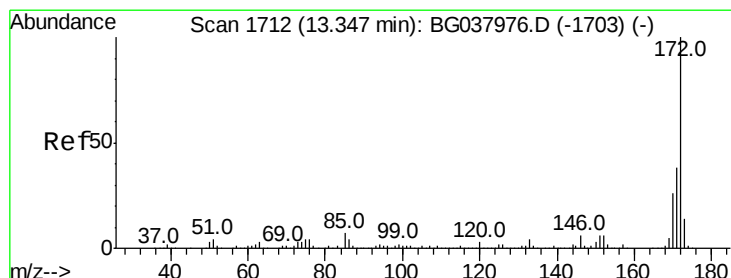
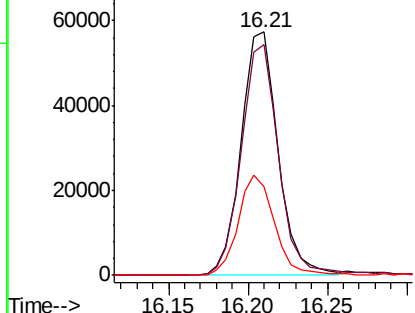
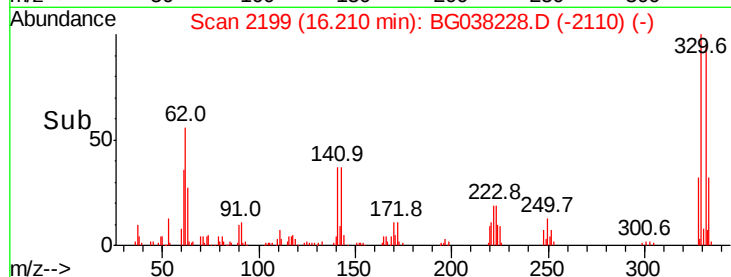


Abundance

Ion 329.80 (329.50 to 330.50): E

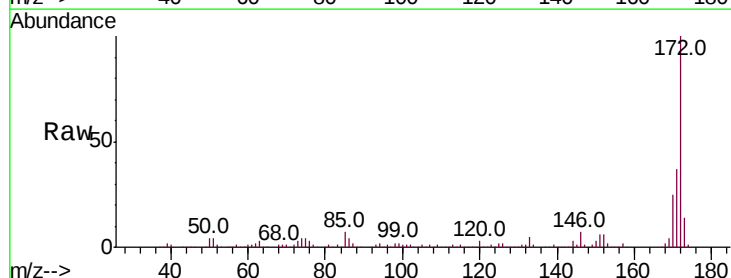
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.604 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038228.D
 Acq: 29 Nov 2018 10:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.3	20.2	30.2

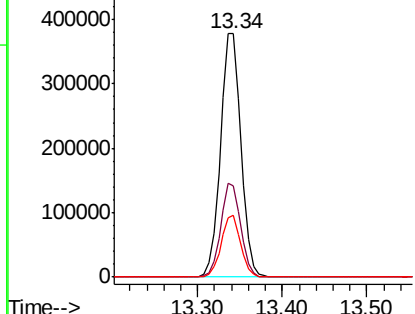
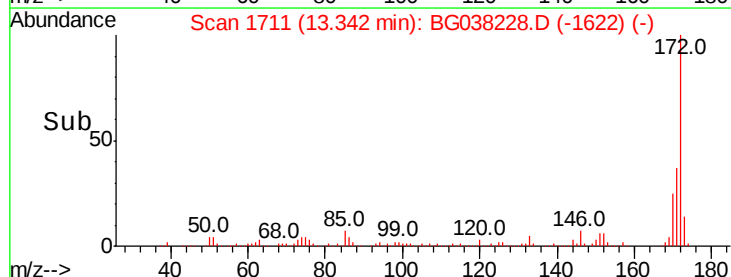


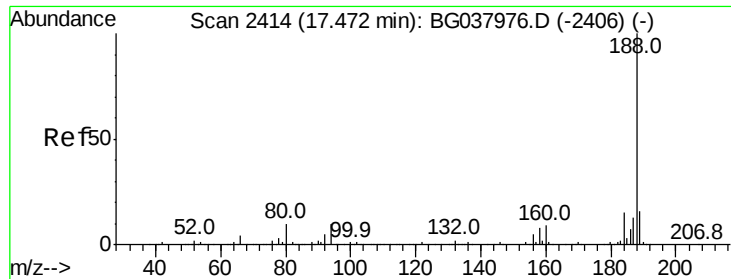
Abundance

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. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-S

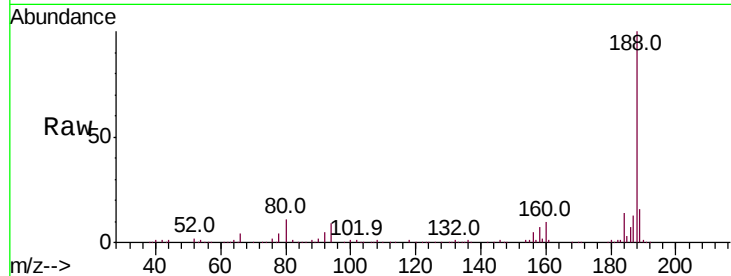
Tot Ion:188 Resp: 227356

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

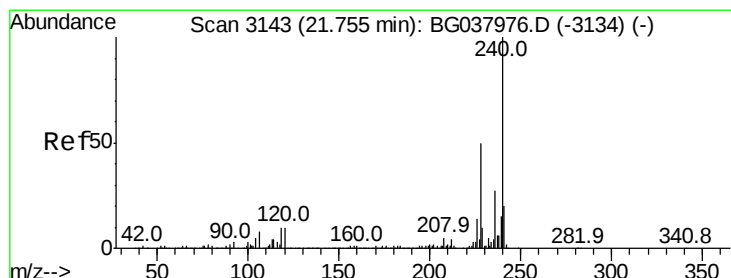
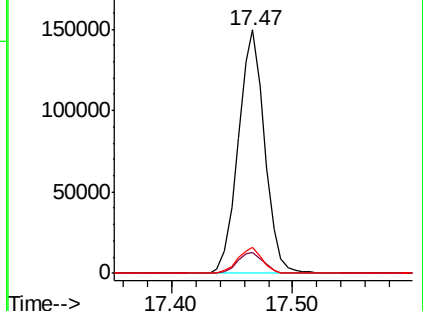
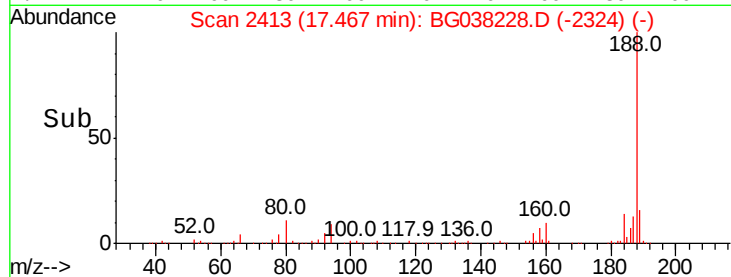
80 10.6 7.7 11.5



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# 3142

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

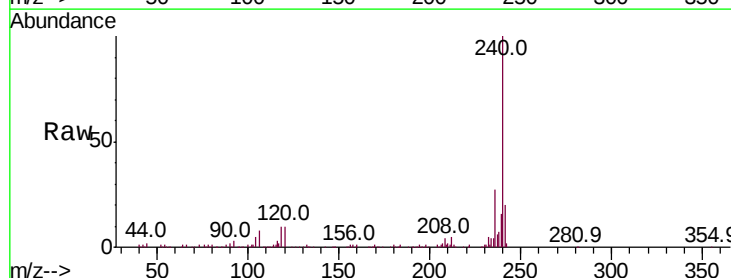
Tgt Ion:240 Resp: 214795

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

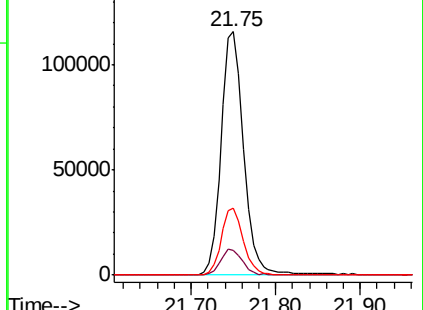
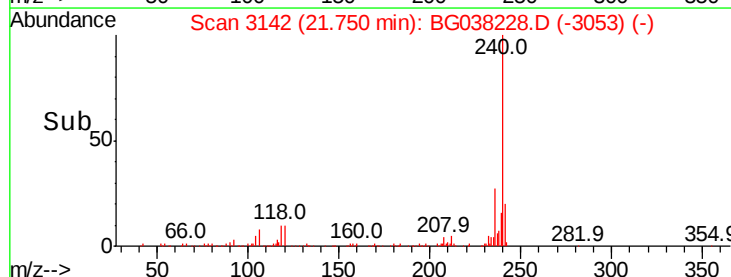
236 27.4 21.4 32.0

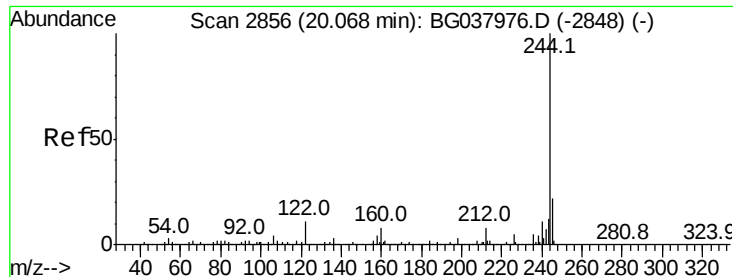


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.089 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

Instrument :

BNA_G

ClientSampleId :

112318-CHDE-E-U-S

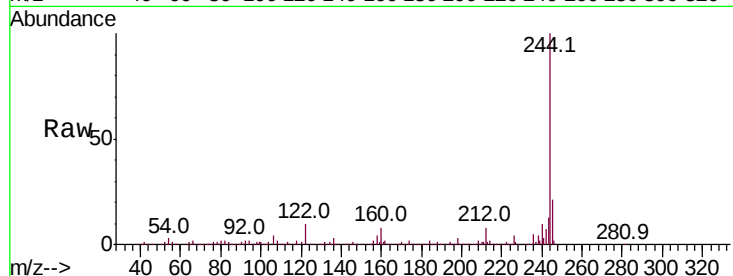
Tot Ion:244 Resp: 913664

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

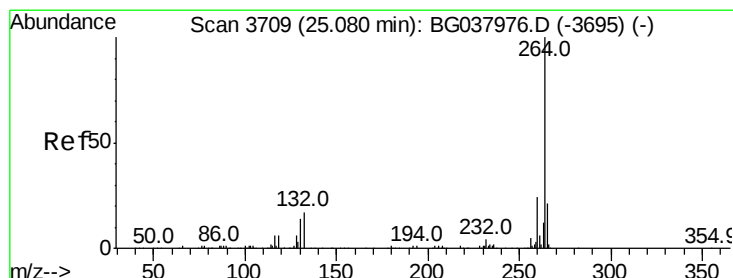
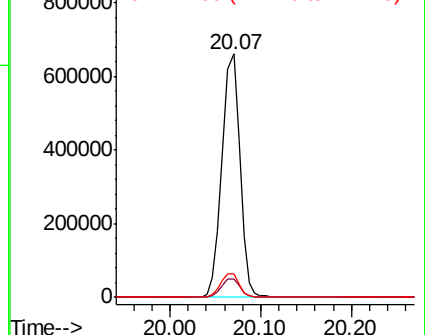
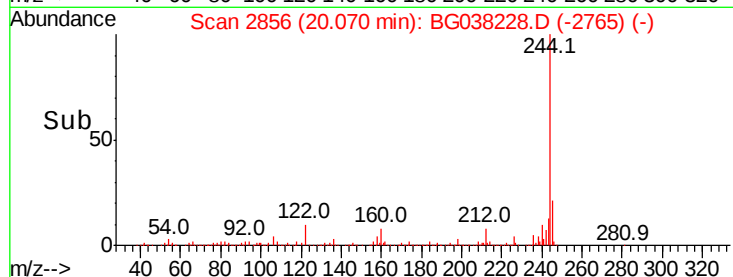
122 9.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038228.D

Acq: 29 Nov 2018 10:29

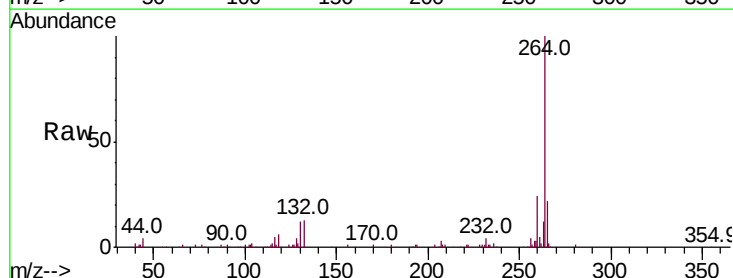
Tgt Ion:264 Resp: 215117

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 22.1 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

