

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038276.D
 Acq On : 1 Dec 2018 3:52
 Operator : JU/SJ
 Sample : J5771-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-112918-C

Quant Time: Dec 01 04:58:07 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	30184	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	132441	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	81726	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	183824	20.00	ng	0.00
76) Chrysene-d12	21.75	240	166733	20.00	ng	0.00
87) Perylene-d12	25.08	264	120748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	207153	118.49	ng	0.00
7) Phenol-d6	7.23	99	274667	110.07	ng	0.00
23) Nitrobenzene-d5	9.26	82	212657	85.95	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	70955	76.13	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	467539	83.34	ng	-0.01
79) Terphenyl-d14	20.06	244	737192	104.04	ng	0.00

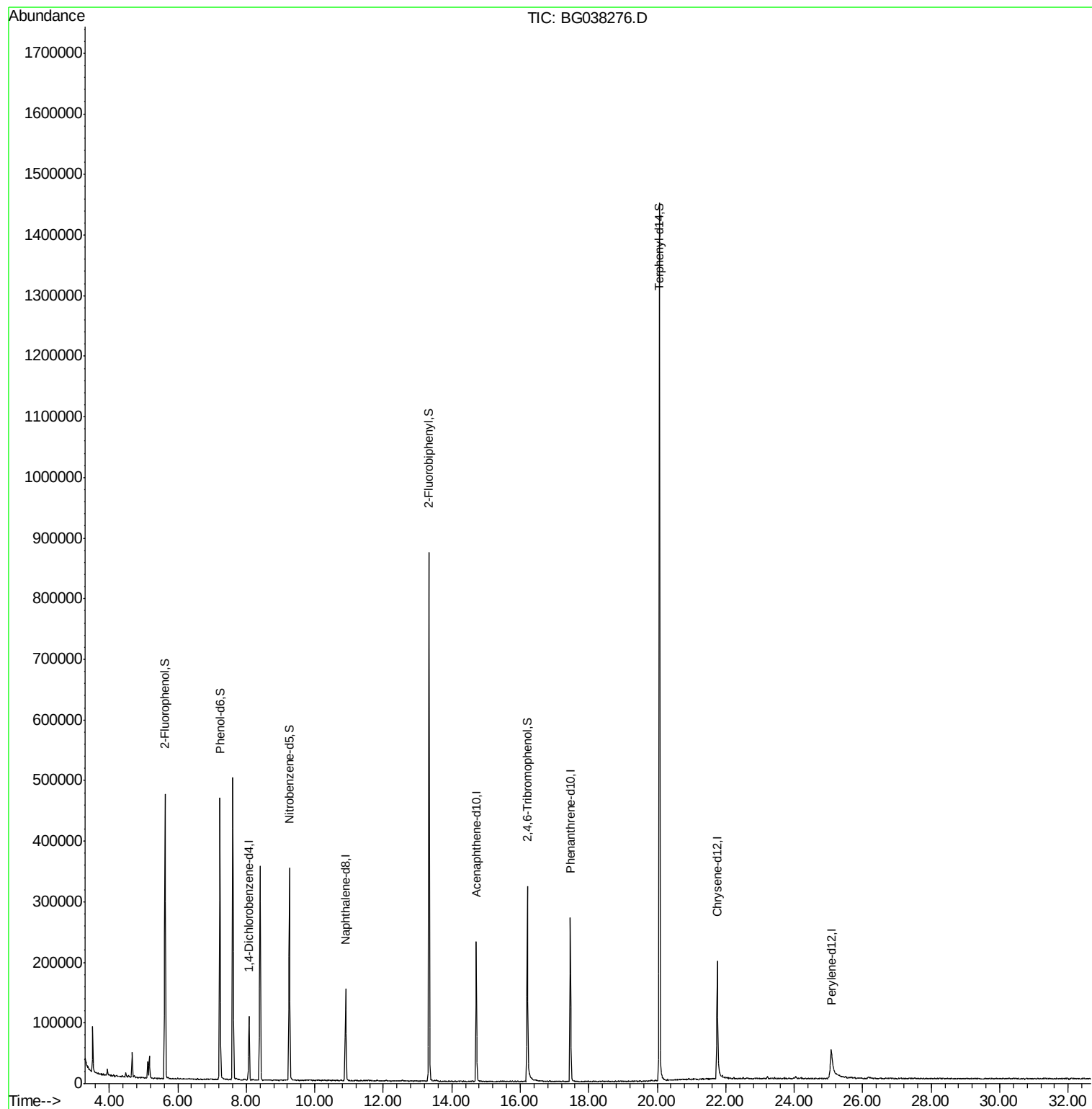
Target Compounds Qvalue

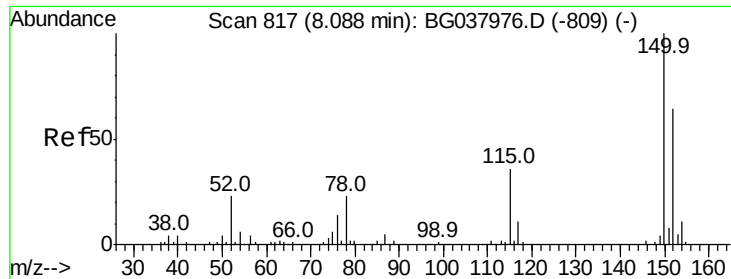
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038276.D

Acq: 1 Dec 2018 3:52

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-C

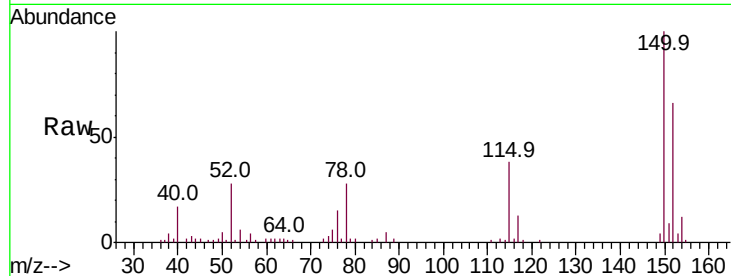
Tot Ion:152 Resp: 30184

Ion Ratio Lower Upper

152 100

150 150.7 126.0 189.0

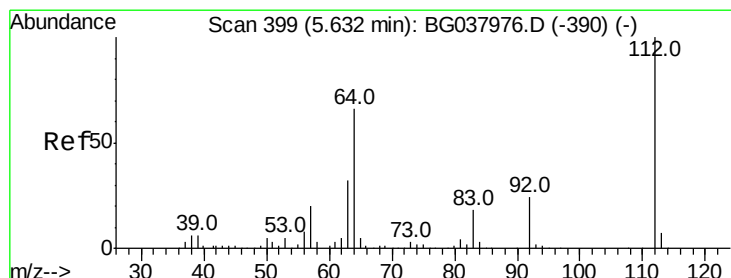
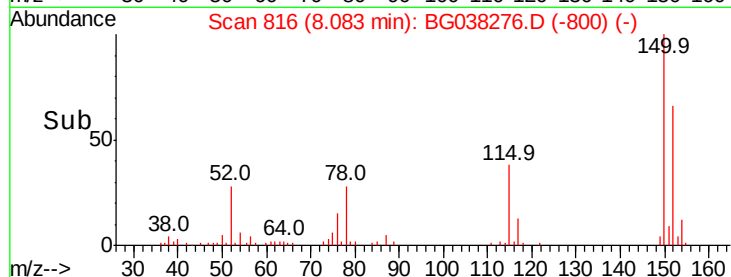
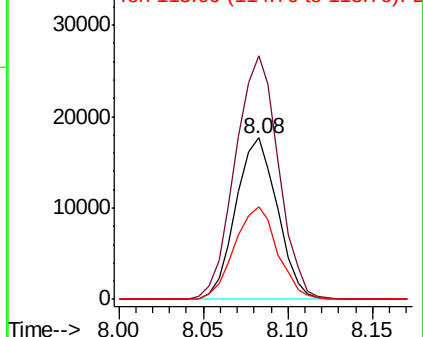
115 57.0 45.5 68.3



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: 118.494 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

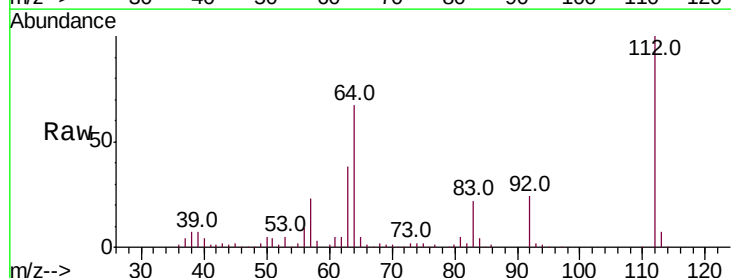
Tgt Ion:112 Resp: 207153

Ion Ratio Lower Upper

112 100

64 67.3 53.1 79.7

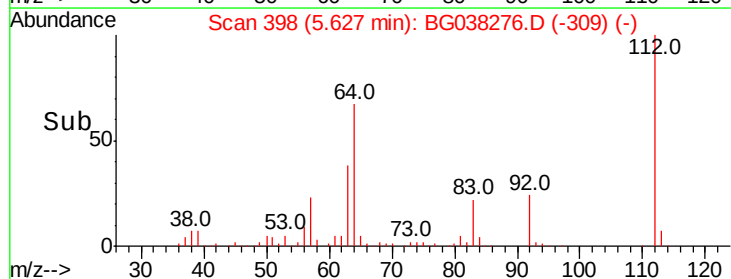
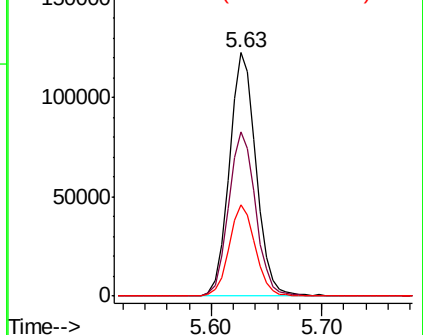
63 37.6 27.3 40.9

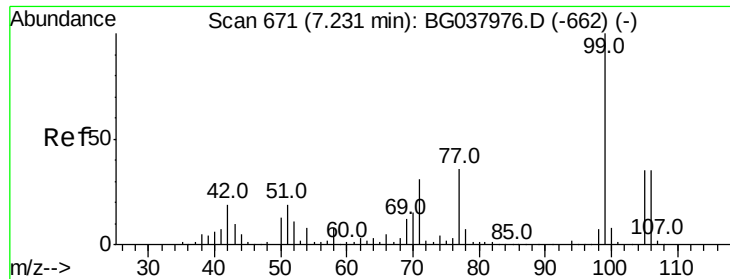


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.066 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-C

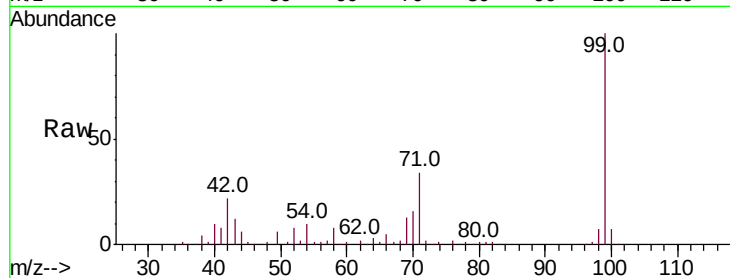
Tot Ion: 99 Resp: 274667

Ion Ratio Lower Upper

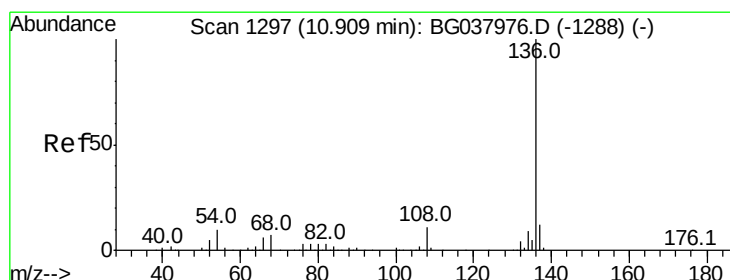
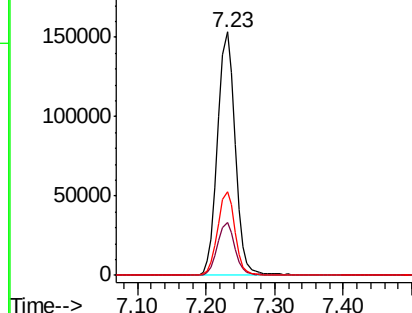
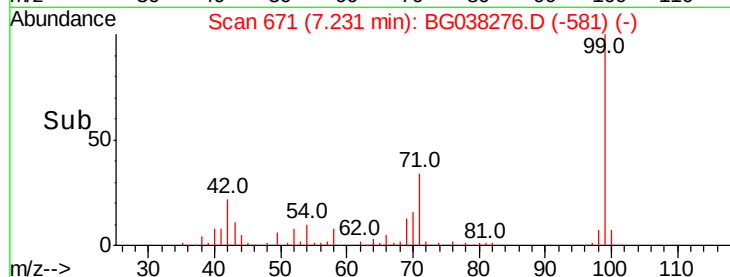
99 100

42 21.7 15.0 22.4

71 34.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

Tgt Ion: 136 Resp: 132441

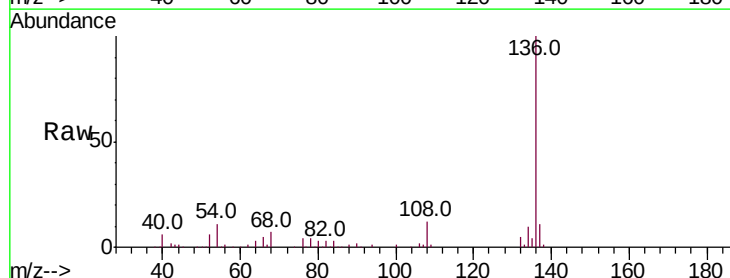
Ion Ratio Lower Upper

136 100

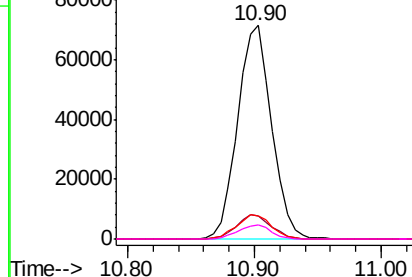
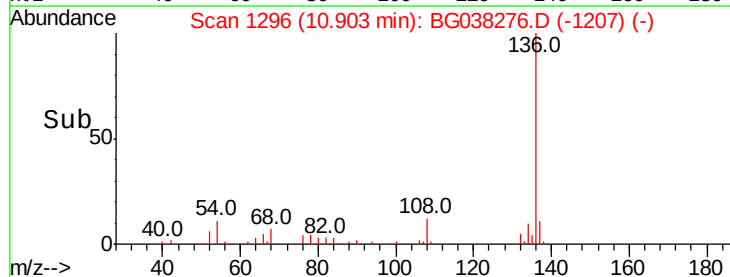
137 10.8 9.6 14.4

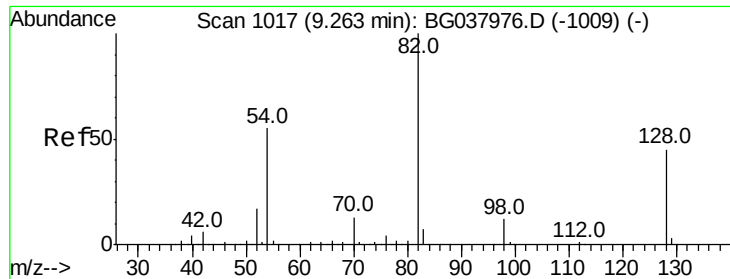
54 10.8 7.9 11.9

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

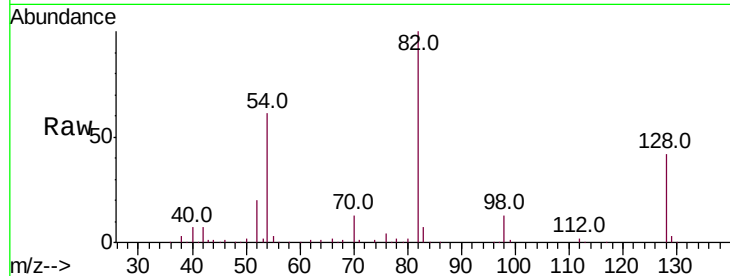




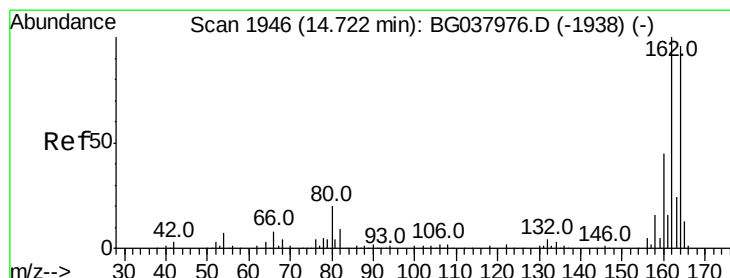
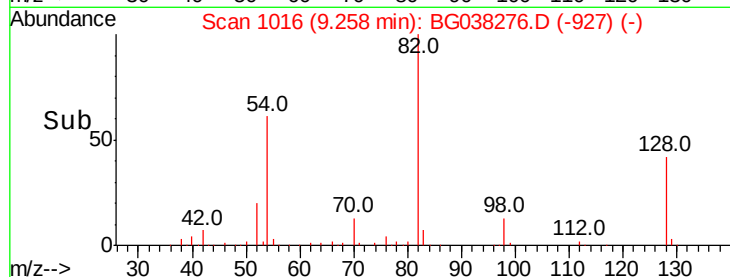
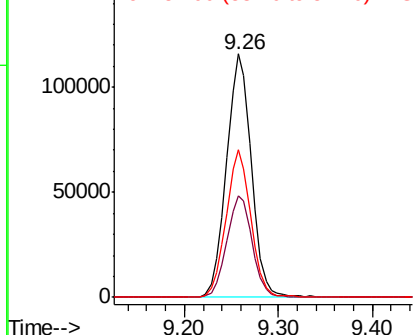
#23
 Nitrobenzene-d5
 Concen: 85.952 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG038276.D
 Acq: 1 Dec 2018 3:52

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-112918-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	60.8	45.3	67.9

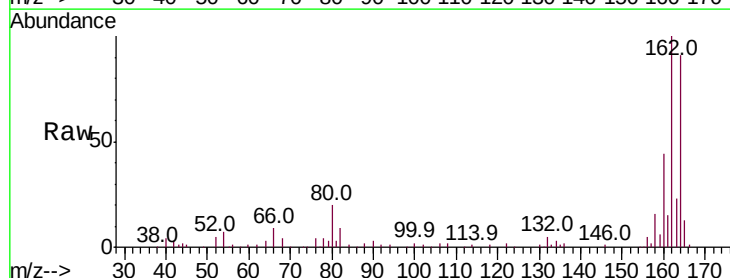


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

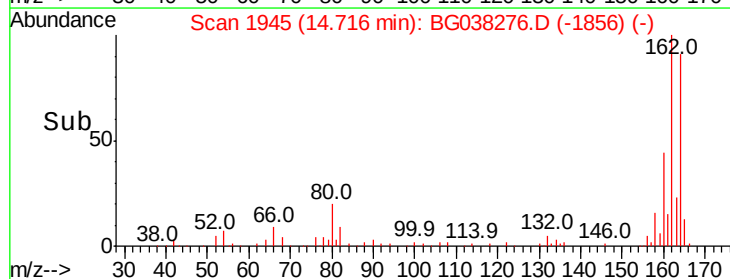
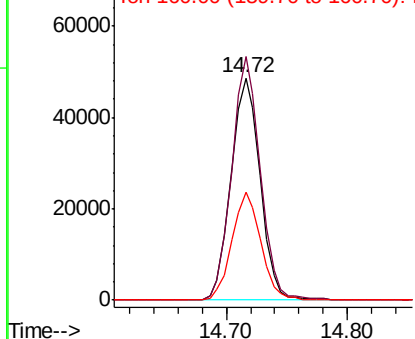


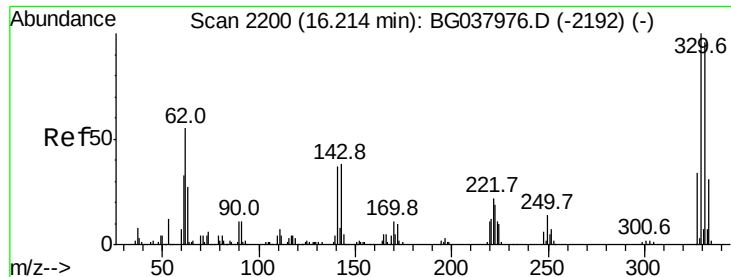
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG038276.D
 Acq: 1 Dec 2018 3:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.5	81.3	121.9
160	48.5	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: 76.127 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-C

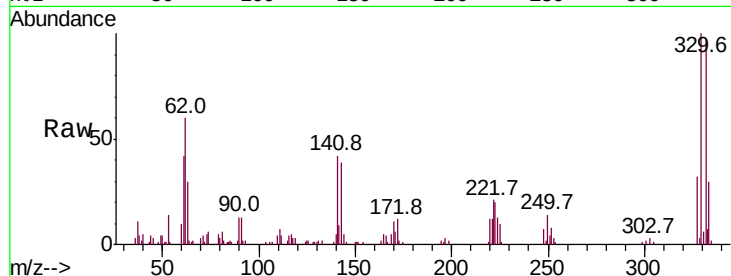
Tot Ion:330 Resp: 70955

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

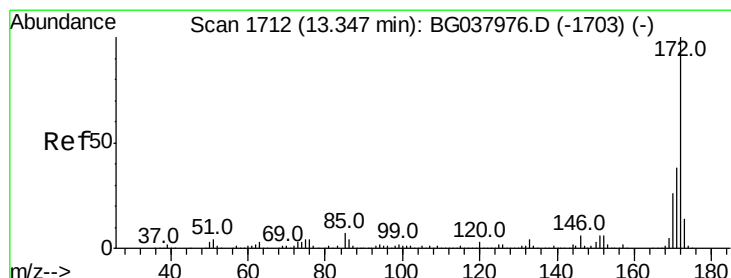
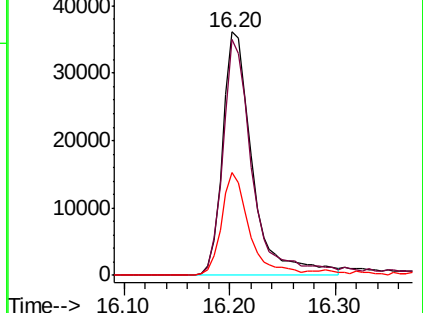
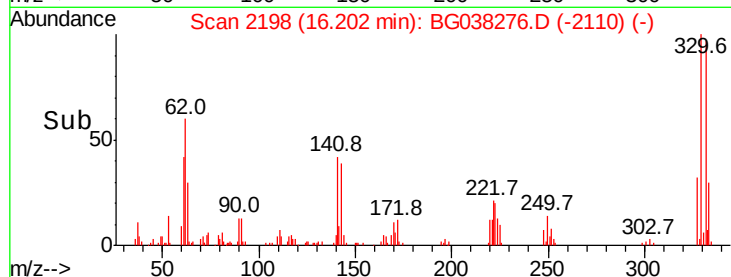
141 39.1 32.2 48.2



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: 83.344 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

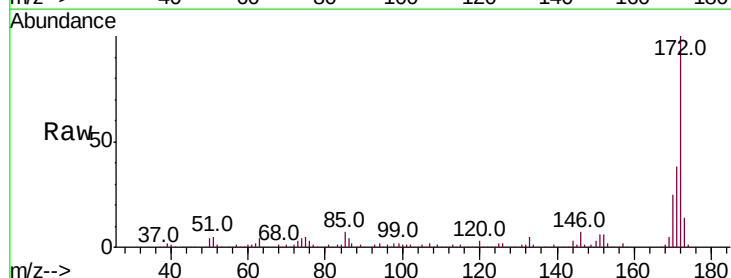
Tgt Ion:172 Resp: 467539

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.4

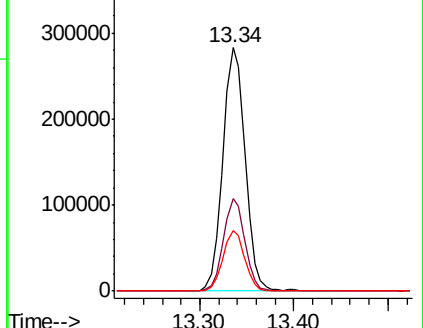
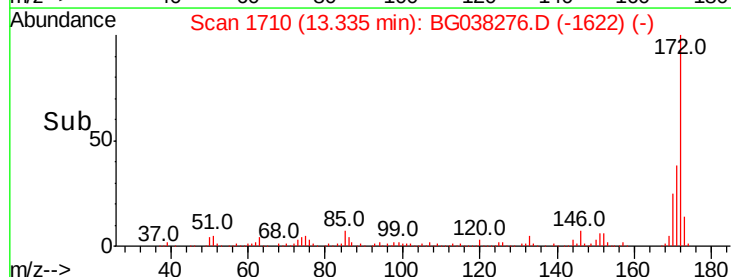
170 24.7 20.2 30.2

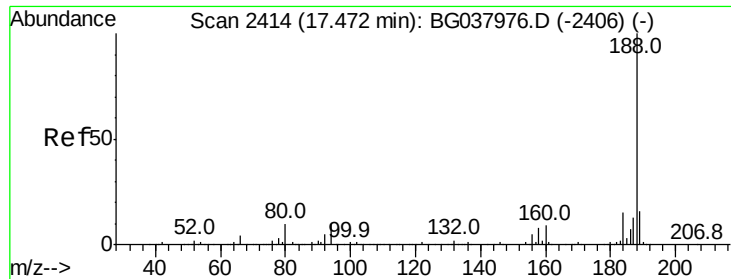


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG038276.D

Acq: 1 Dec 2018 3:52

Instrument :

BNA_G

ClientSampleId :

EO-02-112918-C

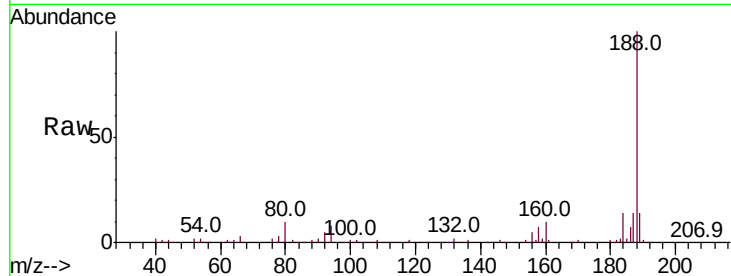
Tot Ion:188 Resp: 183824

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

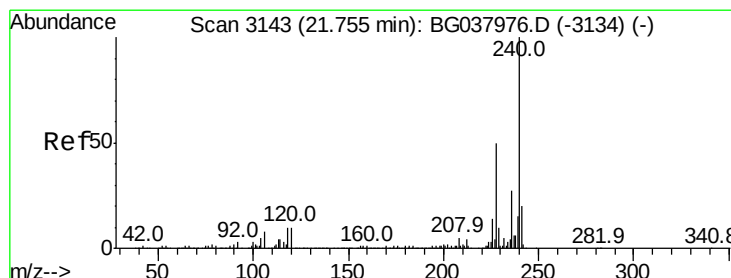
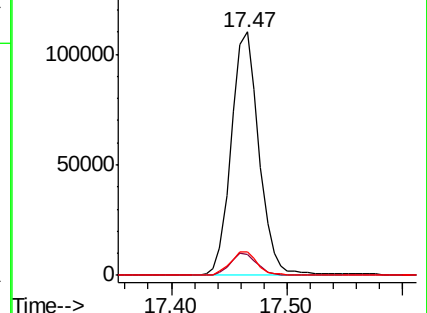
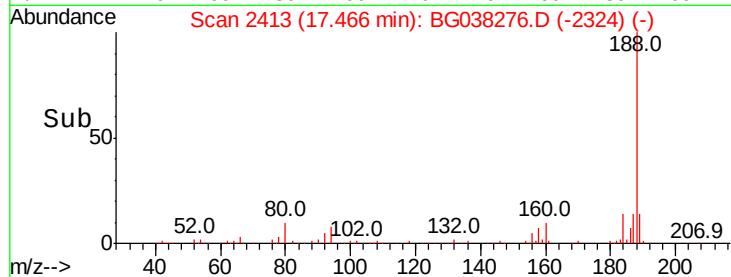
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG038276.D

Acq: 1 Dec 2018 3:52

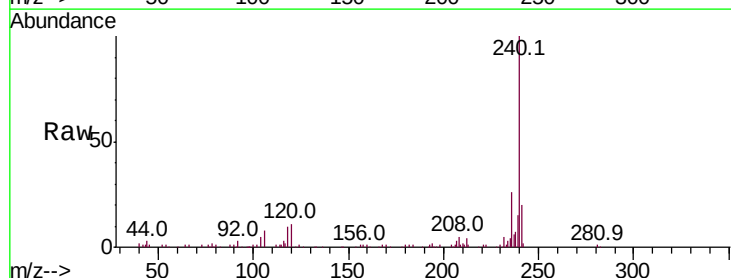
Tgt Ion:240 Resp: 166733

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

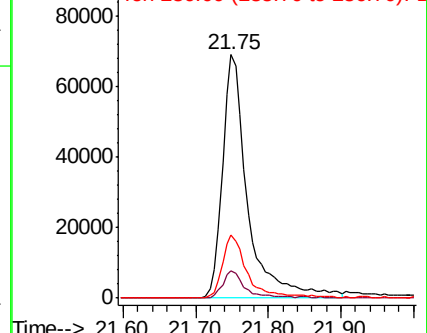
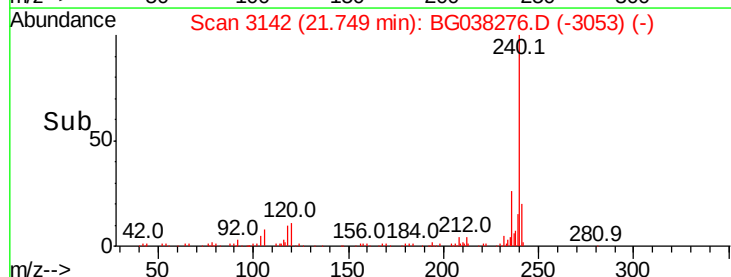
236 25.9 21.4 32.0

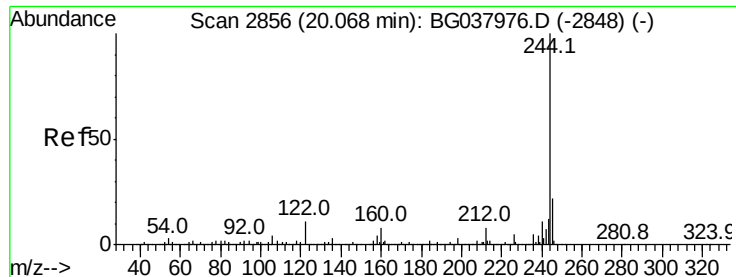


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.036 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038276.D

Acq: 1 Dec 2018 3:52

Instrument :

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EO-02-112918-C

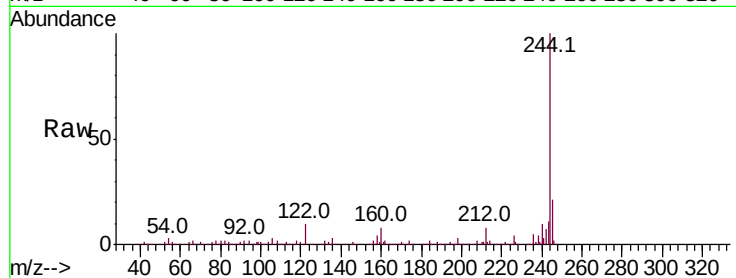
Tot Ion:244 Resp: 737192

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

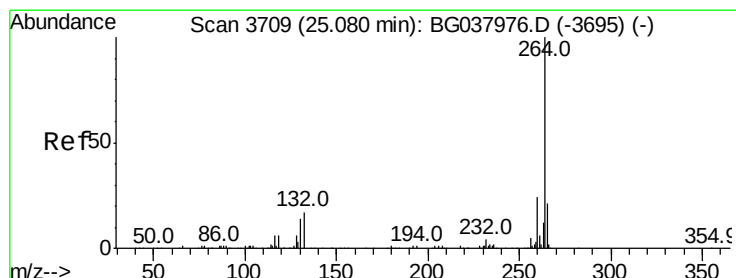
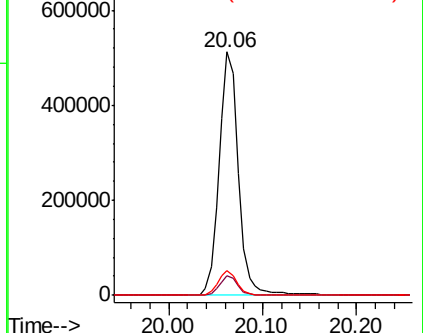
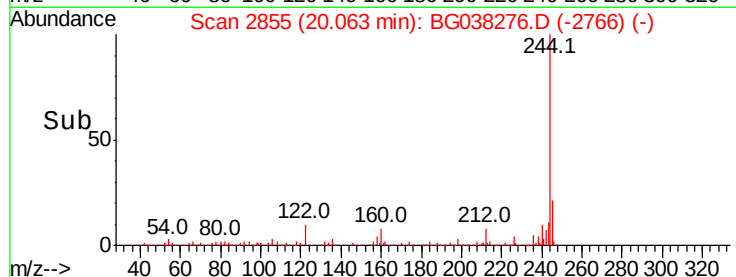
122 10.3 9.0 13.4



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: BG038276.D

Acq: 1 Dec 2018 3:52

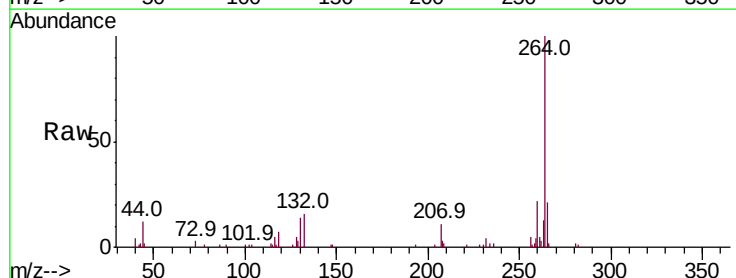
Tgt Ion:264 Resp: 120748

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

265 20.7 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

