

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038259.D
 Acq On : 30 Nov 2018 16:03
 Operator : JU/SJ
 Sample : J5996-26
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC8-01R-A

Quant Time: Dec 01 03:35:56 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	33365	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143900	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	88325	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	197512	20.00	ng	0.00
76) Chrysene-d12	21.75	240	190038	20.00	ng	0.00
87) Perylene-d12	25.07	264	165561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	93535	48.40	ng	0.00
7) Phenol-d6	7.23	99	83003	30.09	ng	0.00
23) Nitrobenzene-d5	9.26	82	224614	83.56	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103399	102.65	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	486728	80.28	ng	0.00
79) Terphenyl-d14	20.07	244	769978	95.34	ng	0.00

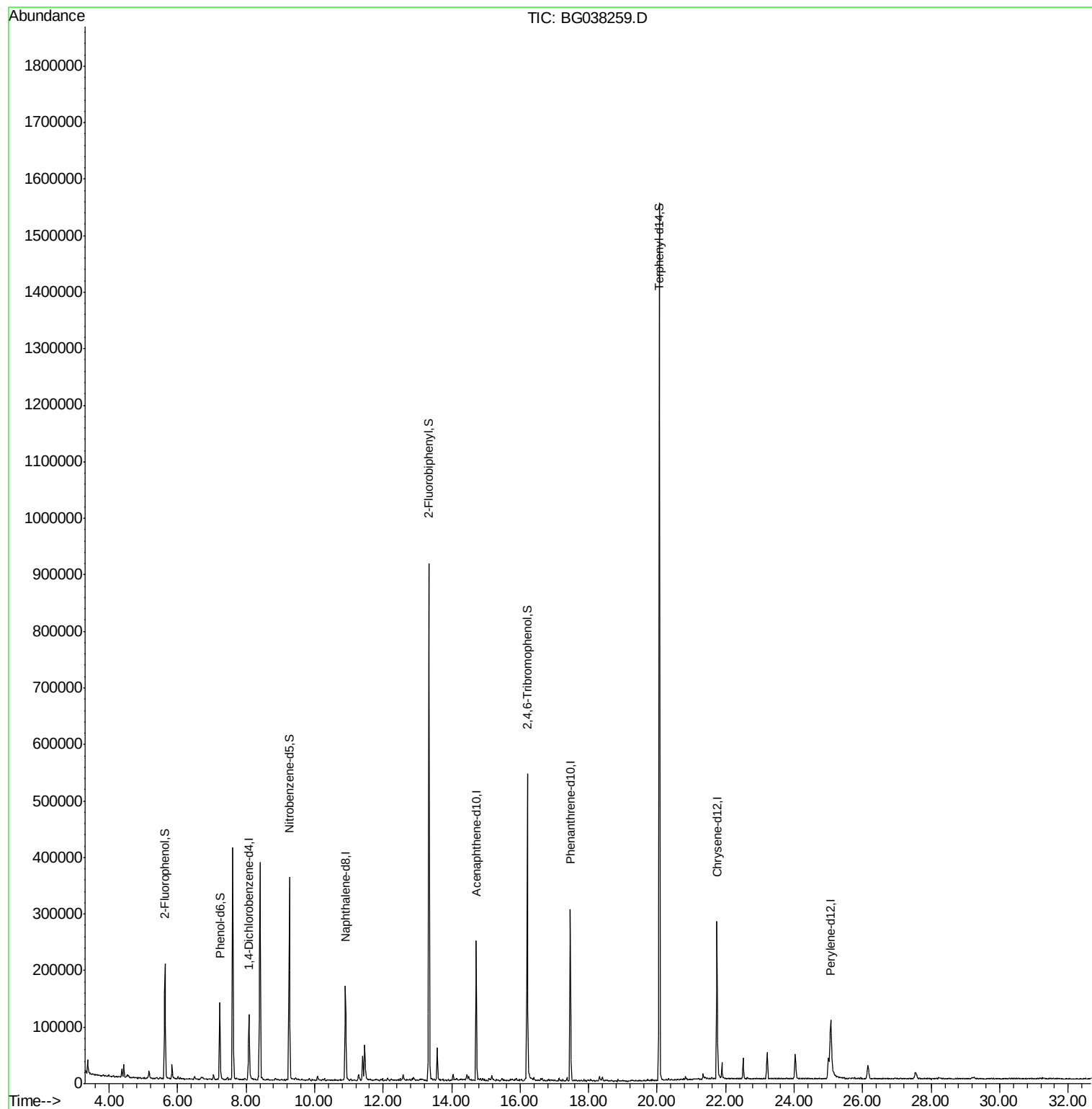
Target Compounds Qvalue

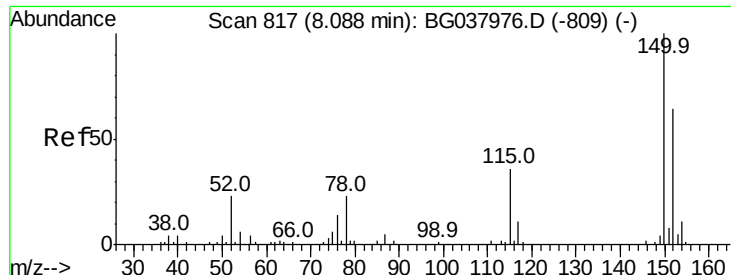
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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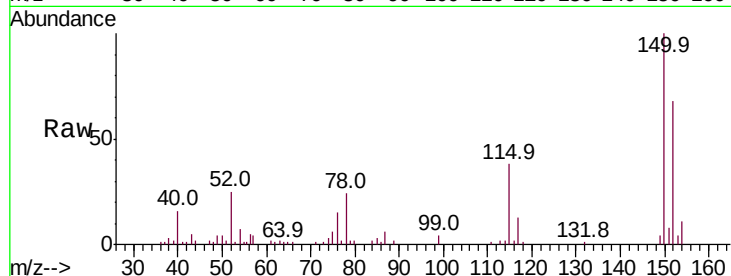


#1

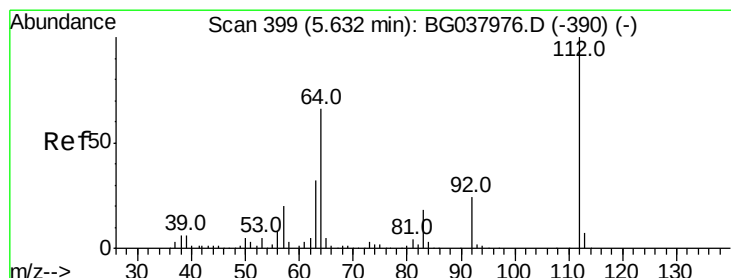
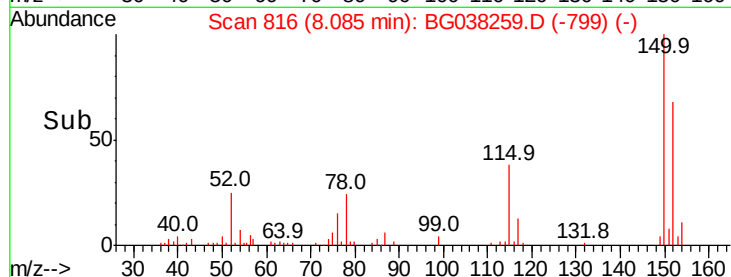
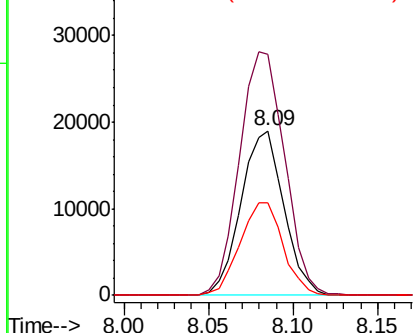
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Instrument :
 BNA_G
 ClientSampleId :
 AOC8-01R-A

Tot Ion:152 Resp: 33365
 Ion Ratio Lower Upper
 152 100
 150 146.9 126.0 189.0
 115 56.3 45.5 68.3



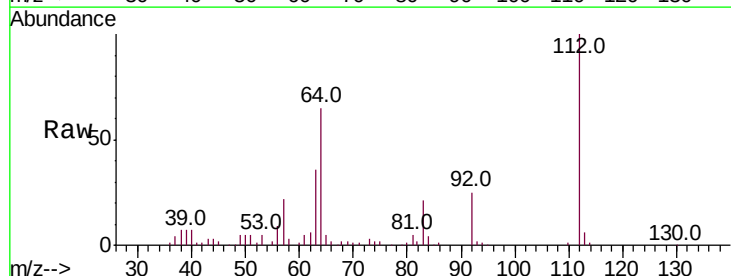
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



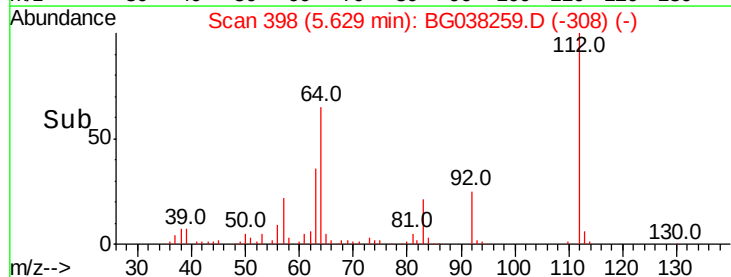
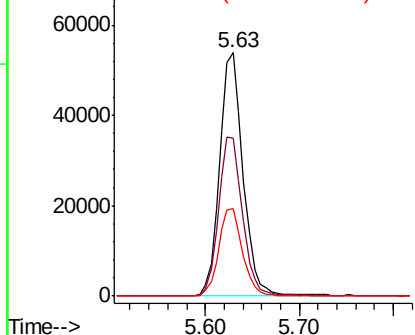
#5

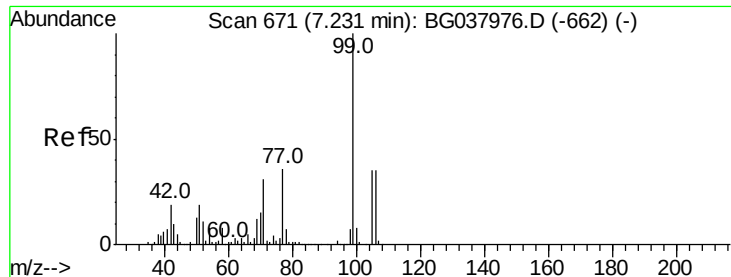
2-Fluorophenol
 Concen: 48.402 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038259.D
 Acq: 30 Nov 2018 16:03

Tgt Ion:112 Resp: 93535
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.1 79.7
 63 36.0 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: 30.090 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

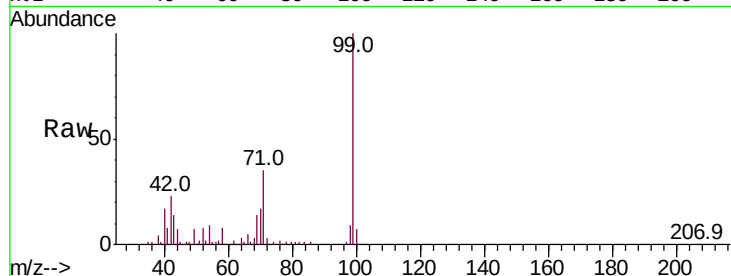
Tot Ion: 99 Resp: 83003

Ion Ratio Lower Upper

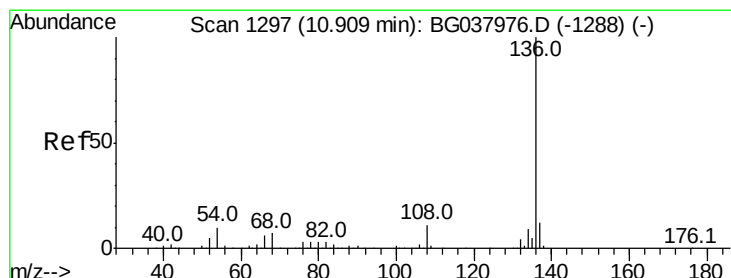
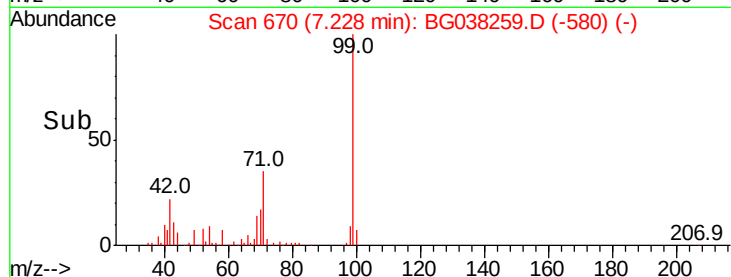
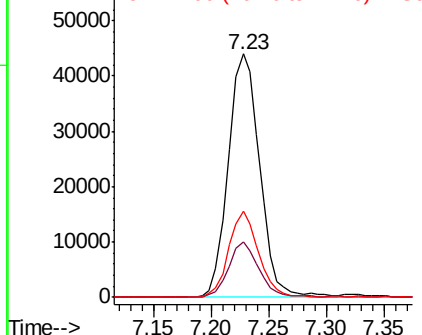
99 100

42 22.6 15.0 22.4#

71 35.5 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# 1295

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Tgt Ion: 136 Resp: 143900

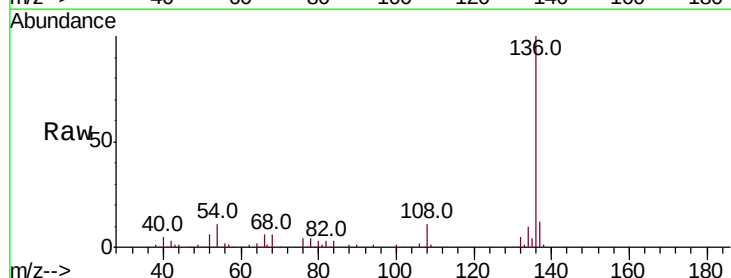
Ion Ratio Lower Upper

136 100

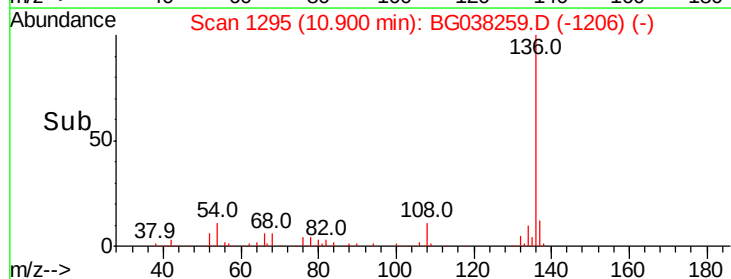
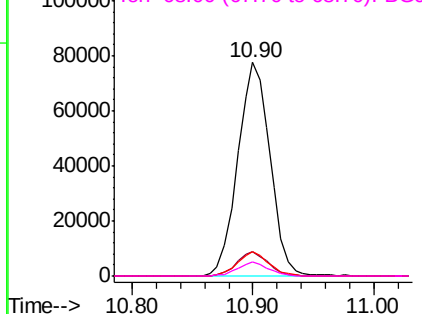
137 11.6 9.6 14.4

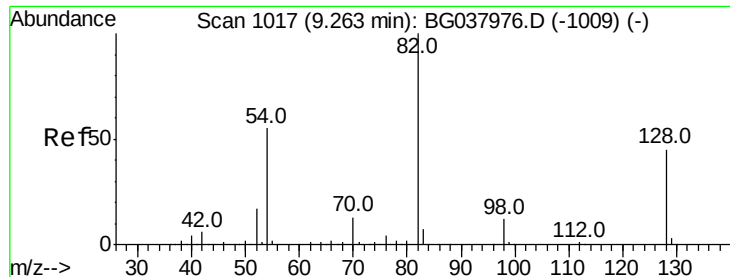
54 11.2 7.9 11.9

68 6.4 4.8 7.2



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

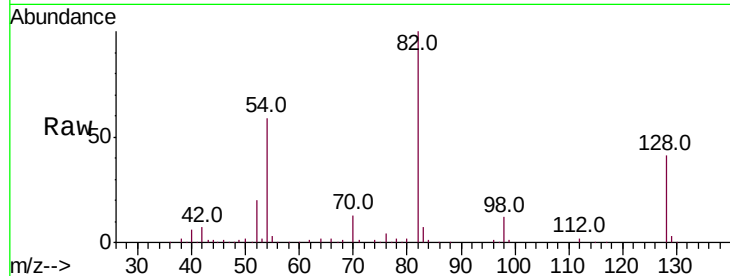




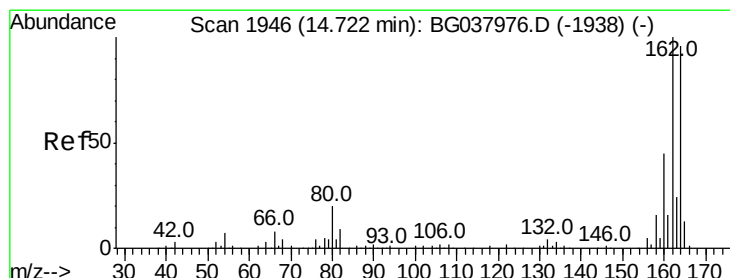
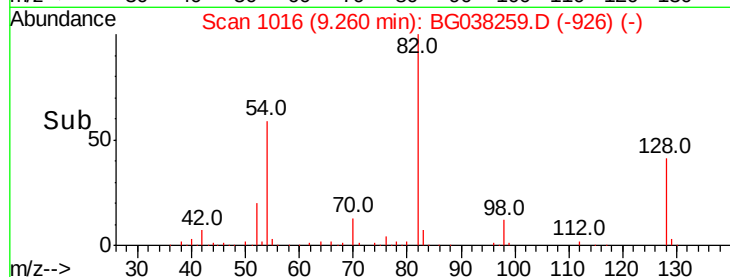
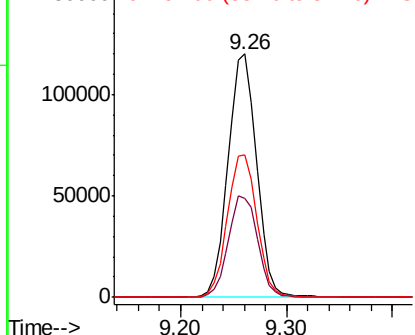
#23
Nitrobenzene-d5
Concen: 83.556 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
AOC8-01R-A

Tot Ion: 82 Resp: 224614
Ion Ratio Lower Upper
82 100
128 40.8 34.6 51.8
54 58.8 45.3 67.9

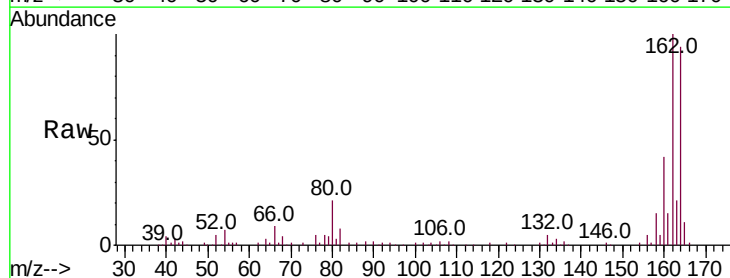


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

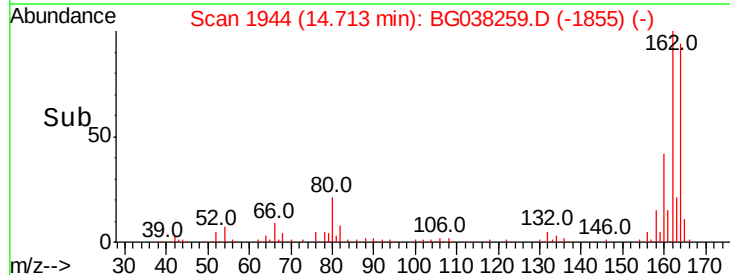
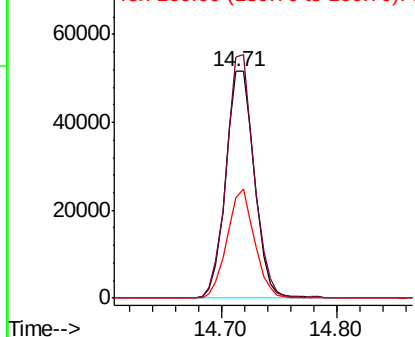


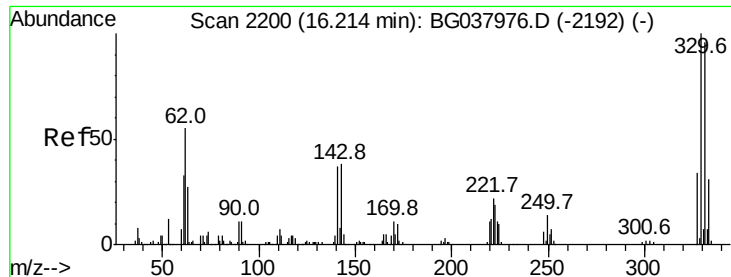
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038259.D
Acq: 30 Nov 2018 16:03

Tgt Ion:164 Resp: 88325
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 44.2 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: 102.647 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

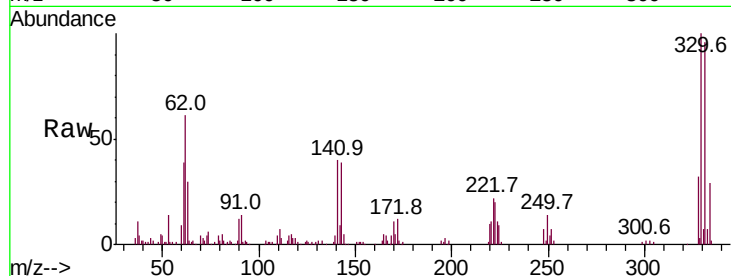
Tot Ion:330 Resp: 103399

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

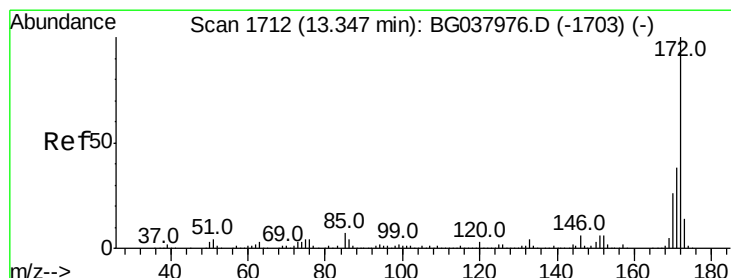
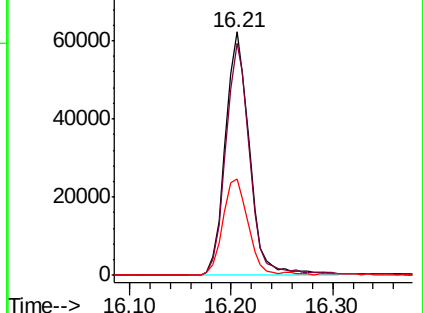
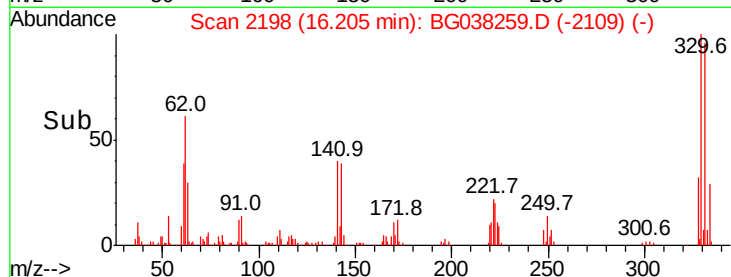
141 41.7 32.2 48.2



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: 80.282 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

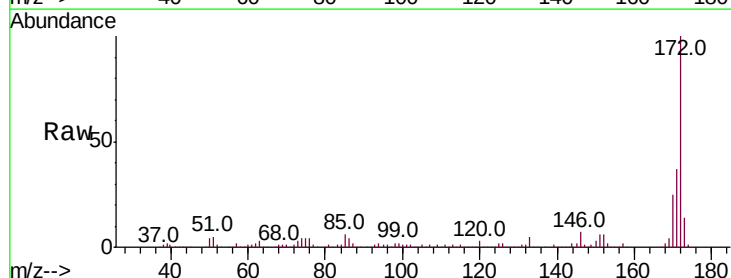
Tgt Ion:172 Resp: 486728

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

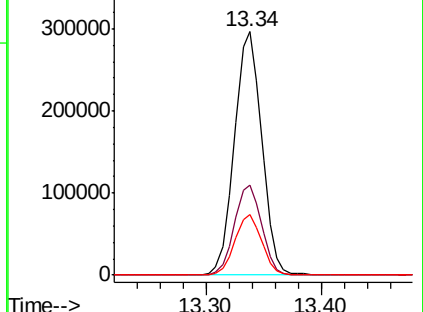
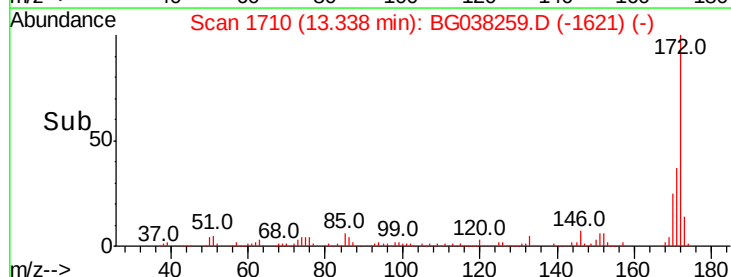
170 24.9 20.2 30.2

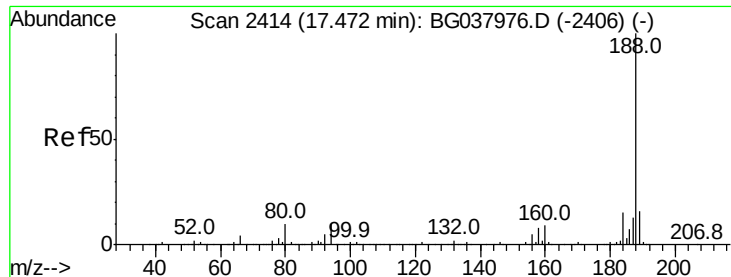


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

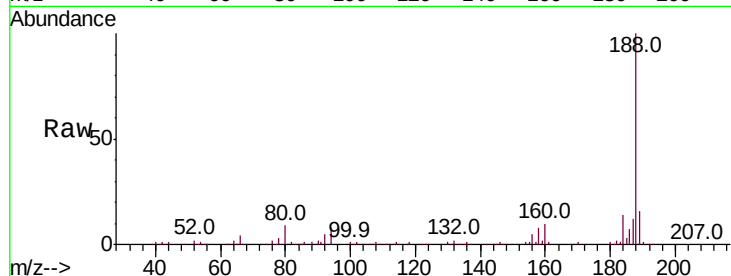
Tot Ion:188 Resp: 197512

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

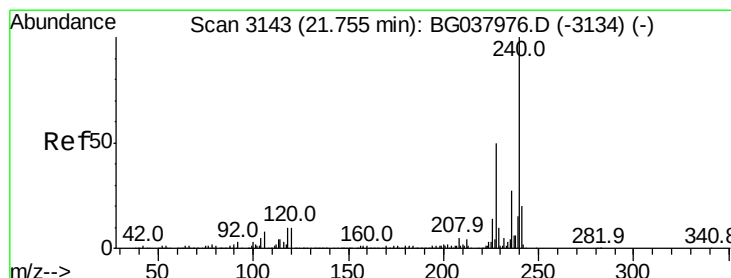
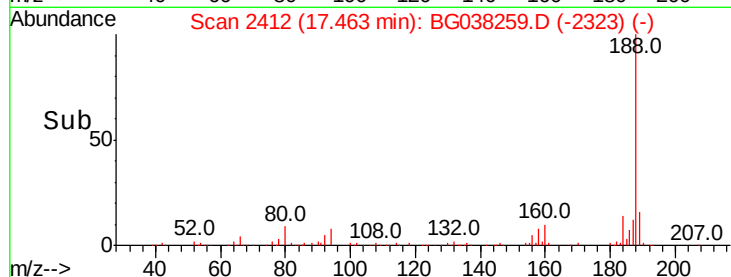
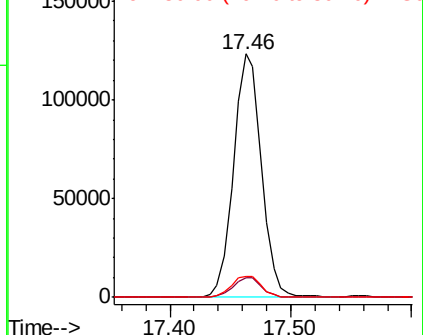
80 8.6 7.7 11.5



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# 3141

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

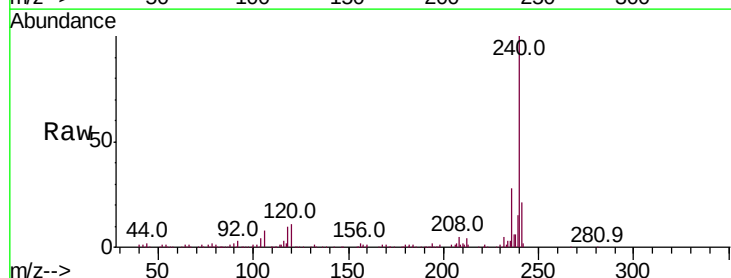
Tgt Ion:240 Resp: 190038

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

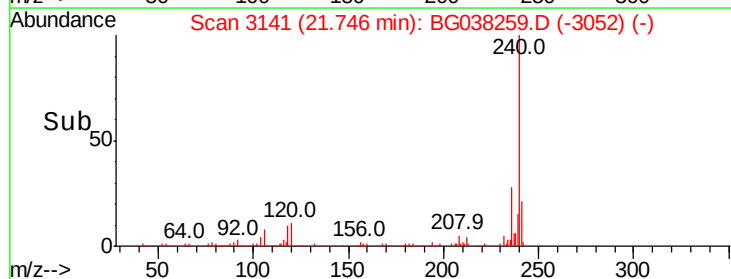
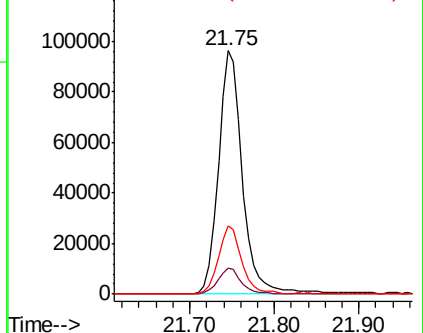
236 27.9 21.4 32.0

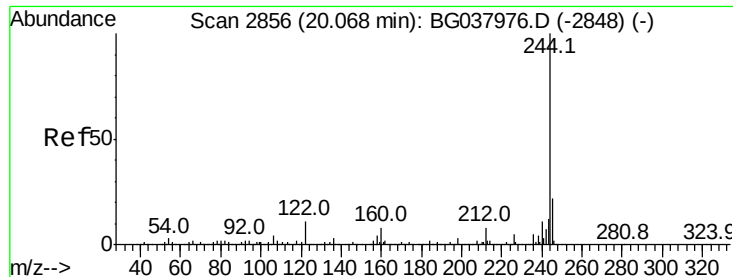


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.337 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

Instrument :

BNA_G

ClientSampleId :

AOC8-01R-A

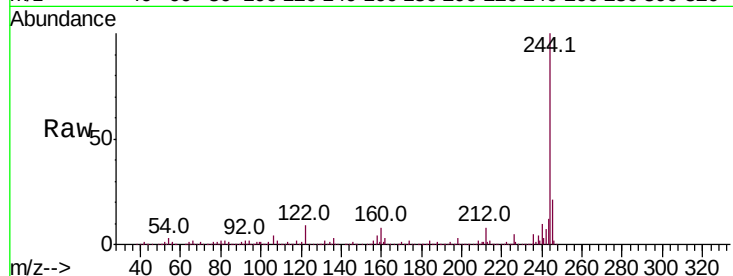
Tot Ion:244 Resp: 769978

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

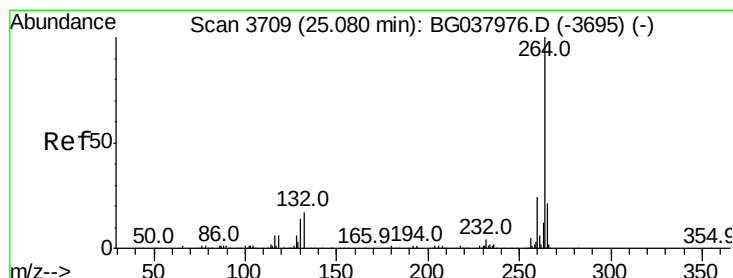
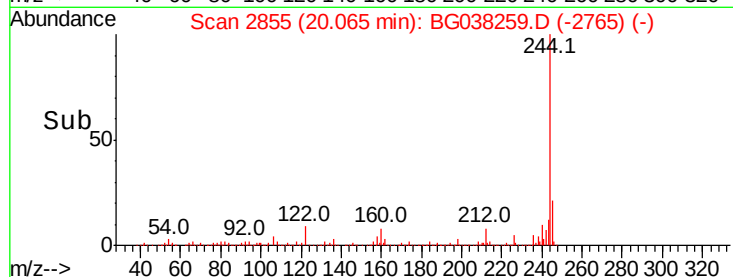
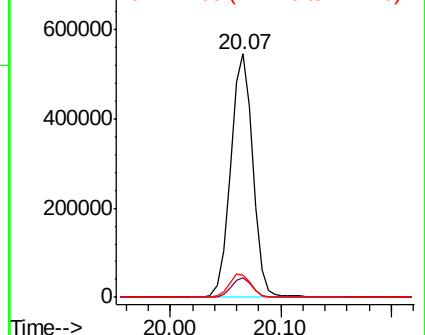
122 9.3 9.0 13.4



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: 25.07 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038259.D

Acq: 30 Nov 2018 16:03

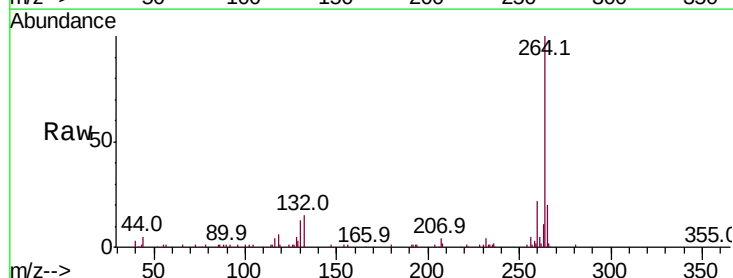
Tgt Ion:264 Resp: 165561

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 20.5 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

