

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041292.D
 Acq On : 18 Jun 2019 4:33
 Operator : HP/JU
 Sample : K3154-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-C

Quant Time: Jun 18 08:24:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34230	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	126728	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	93024	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	231752	20.00	ng	0.00
76) Chrysene-d12	21.74	240	240126	20.00	ng	0.00
87) Perylene-d12	25.05	264	252990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	246983	132.58	ng	0.00
7) Phenol-d6	7.24	99	304315	112.69	ng	0.00
23) Nitrobenzene-d5	9.26	82	297326	98.67	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	206355	144.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682372	99.70	ng	0.00
79) Terphenyl-d14	20.06	244	1257721	103.80	ng	0.00

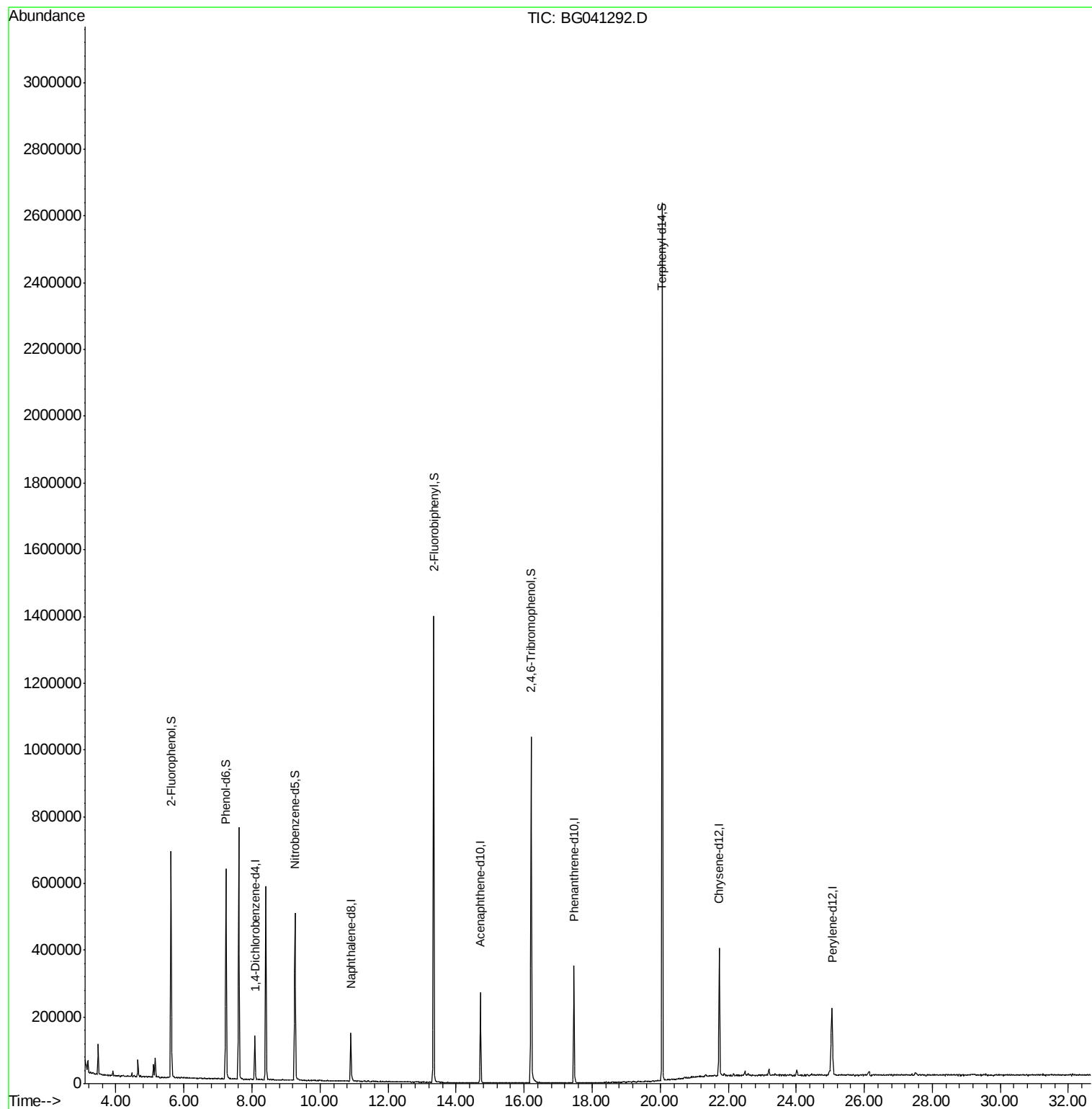
Target Compounds Qvalue

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

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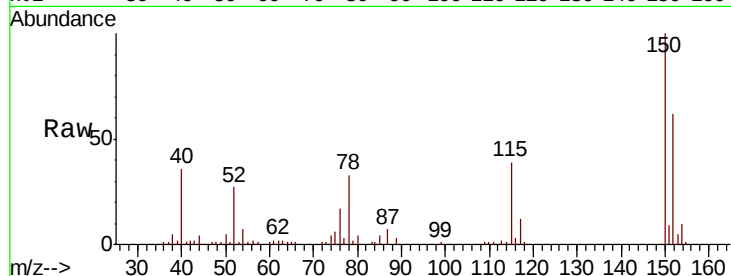


#1

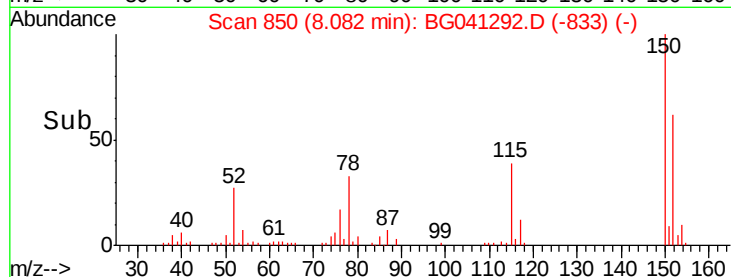
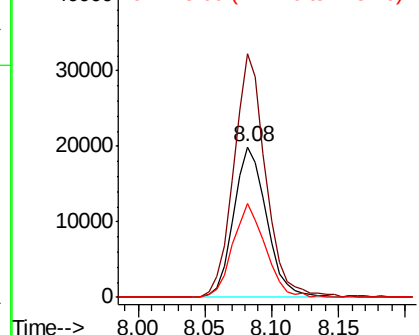
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-C

Tot Ion:152 Resp: 34230
Ion Ratio Lower Upper
152 100
150 161.8 120.6 181.0
115 62.7 47.9 71.9



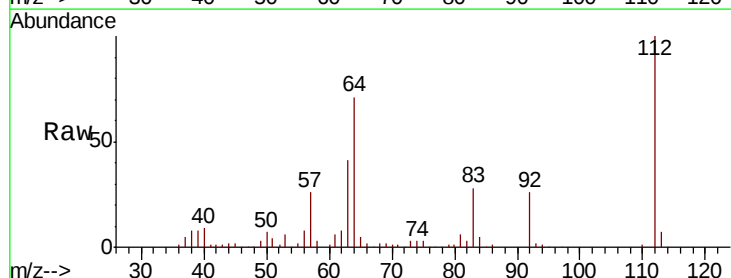
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



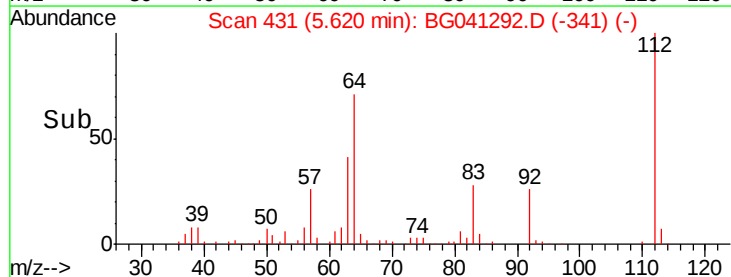
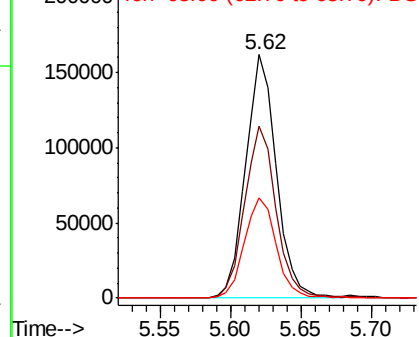
#5

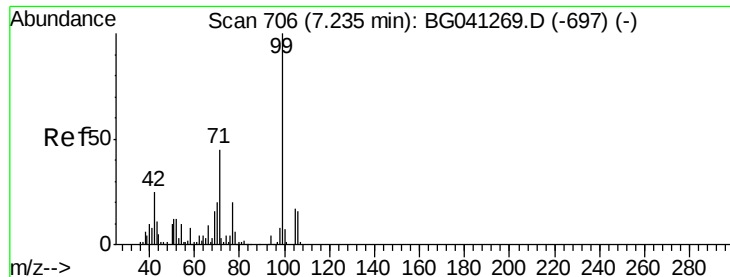
2-Fluorophenol
Concen: 132.577 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion:112 Resp: 246983
Ion Ratio Lower Upper
112 100
64 70.5 55.9 83.9
63 41.4 34.6 51.8



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: 112.694 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-C

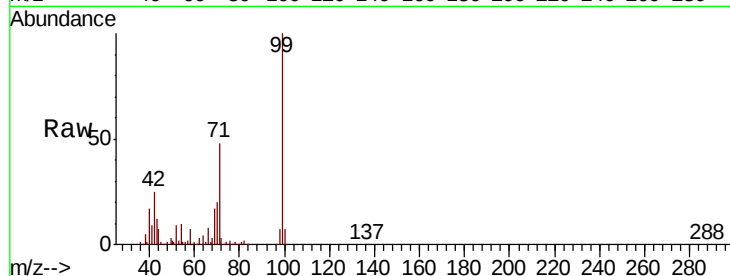
Tot Ion: 99 Resp: 304315

Ion Ratio Lower Upper

99 100

42 25.3 19.9 29.9

71 48.4 36.4 54.6

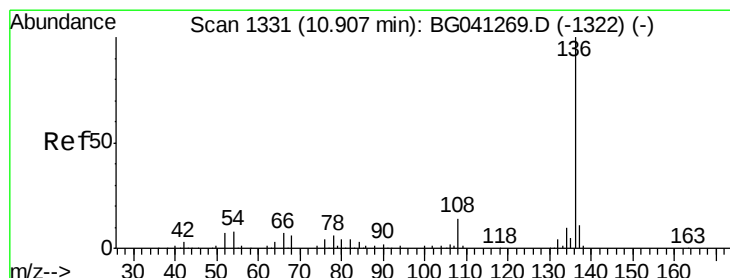
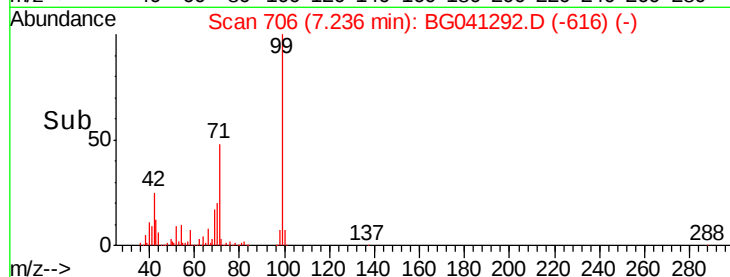
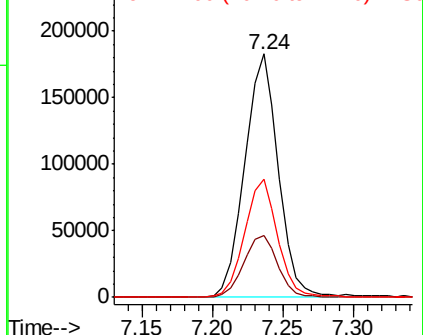


Abundance

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# 1330

Delta R.T. -0.00 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Tgt Ion: 136 Resp: 126728

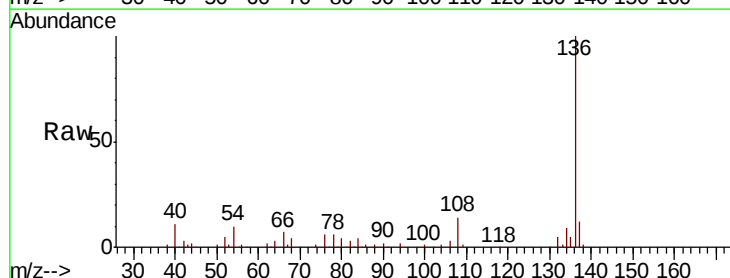
Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 9.5 6.4 9.6

68 4.2 4.8 7.2#



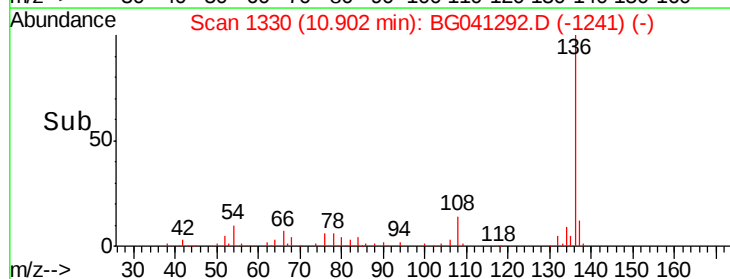
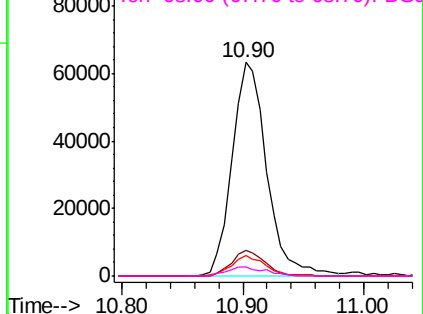
Abundance

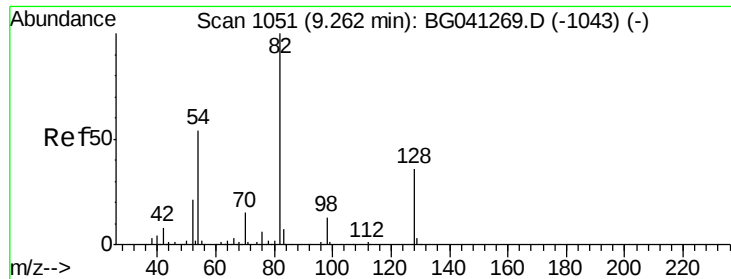
Ion 136.00 (135.70 to 136.70): BGC

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

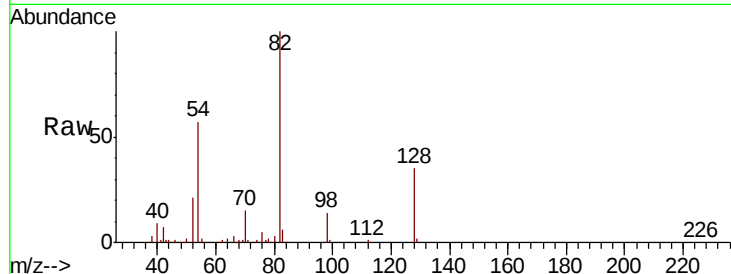




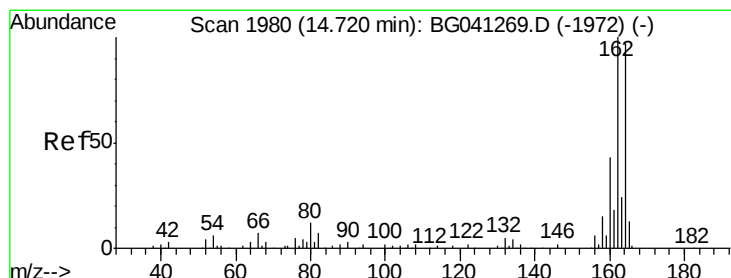
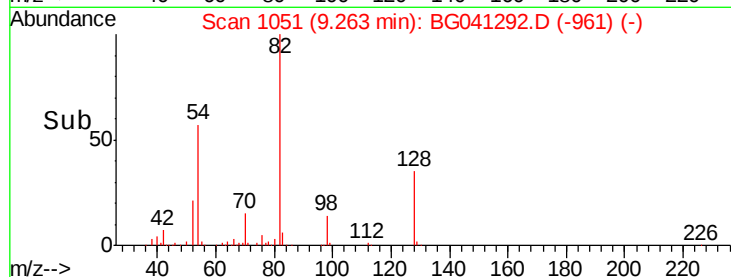
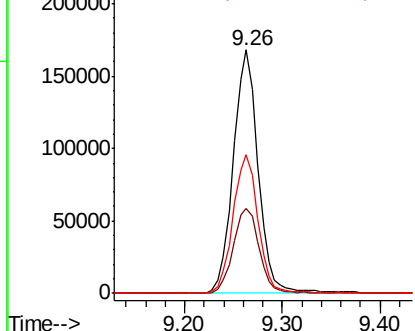
#23
Nitrobenzene-d5
Concen: 98.671 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.2	43.8
54	56.9	43.4	65.0

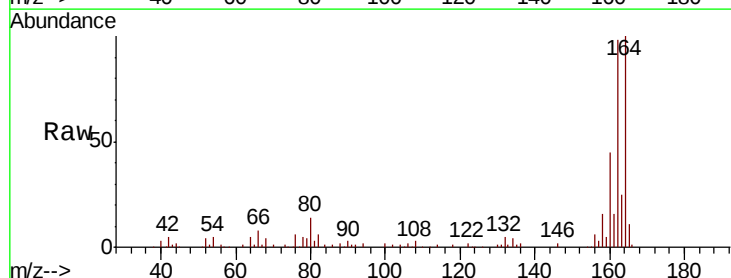


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

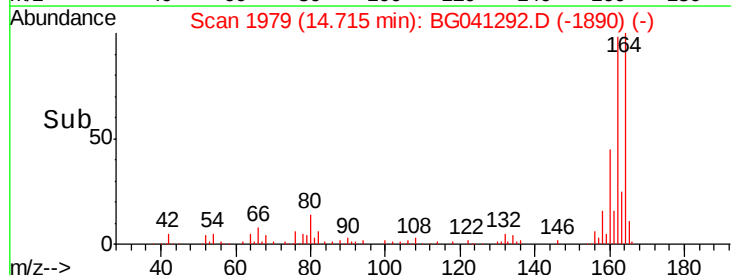
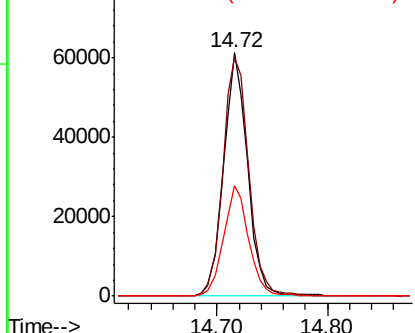


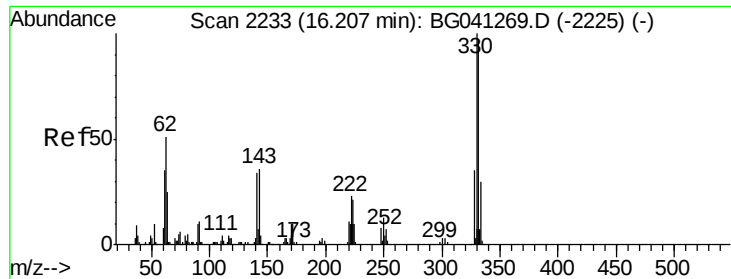
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.8	124.2
160	45.2	35.8	53.8



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

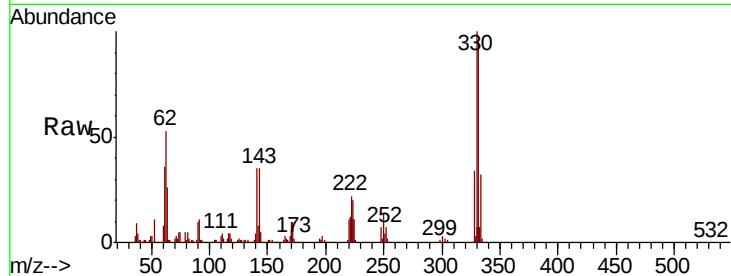




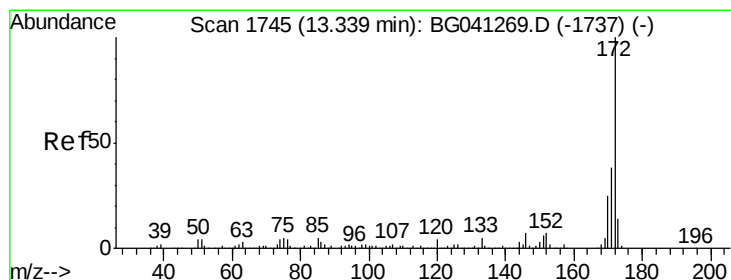
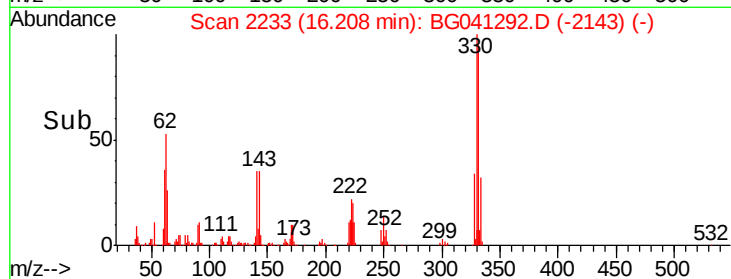
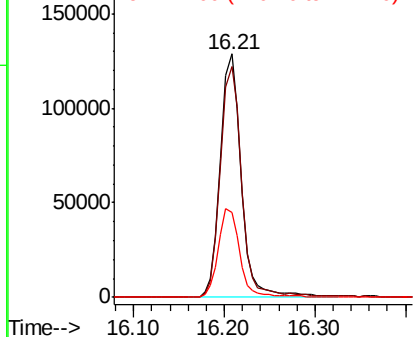
#42
2,4,6-Tribromophenol
Concen: 144.494 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-C

Tot Ion:330 Resp: 206355
Ion Ratio Lower Upper
330 100
332 97.9 75.5 113.3
141 37.2 29.0 43.4

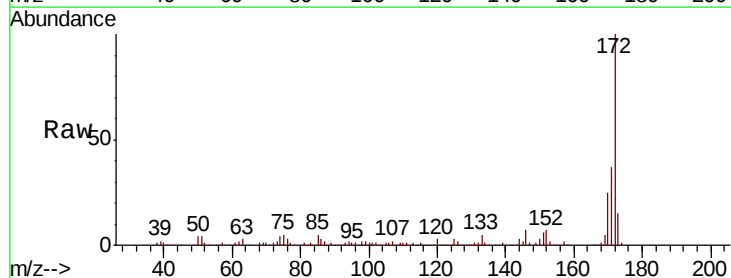


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

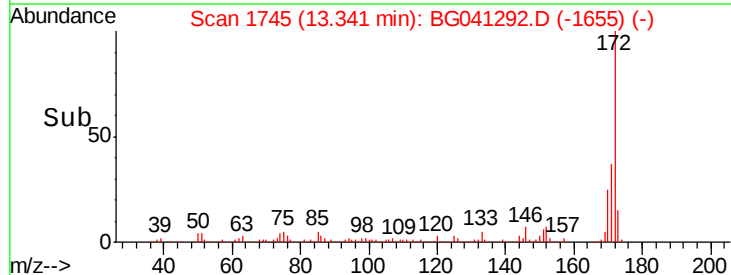
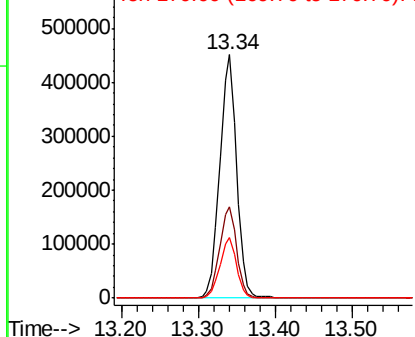


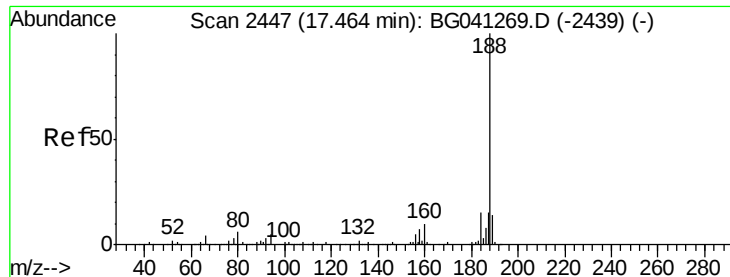
#45
2-Fluorobiphenyl
Concen: 99.700 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion:172 Resp: 682372
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 24.6 19.8 29.6



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

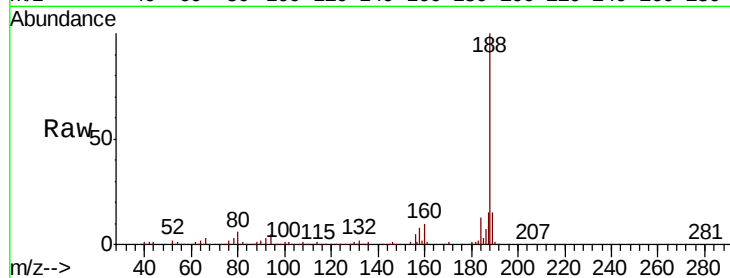




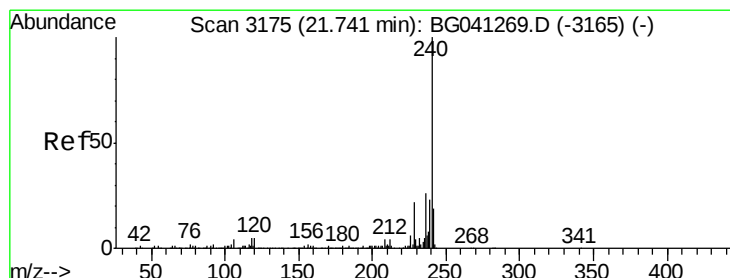
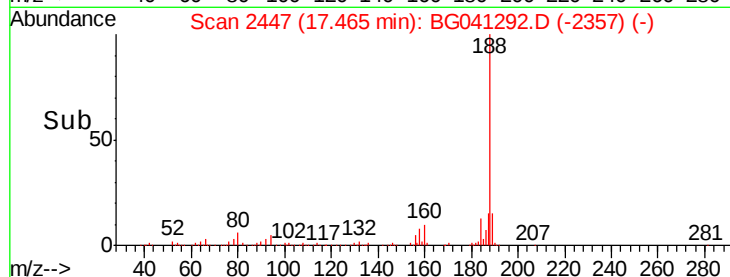
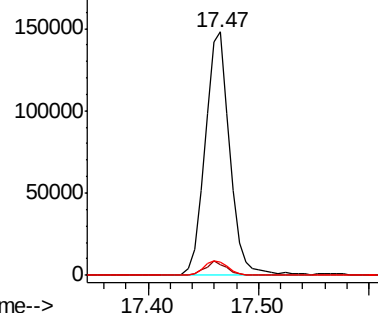
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-C

Tot Ion:188 Resp: 231752
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 5.7 4.8 7.2

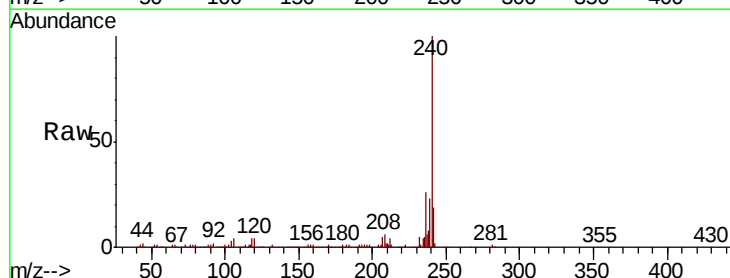


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

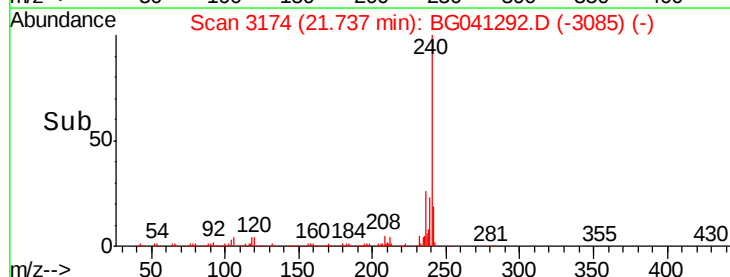
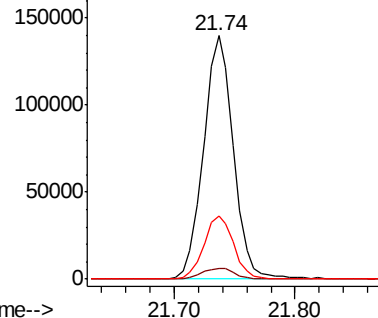


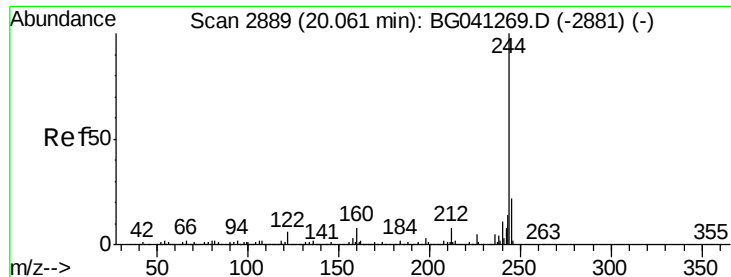
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041292.D
Acq: 18 Jun 2019 4:33

Tgt Ion:240 Resp: 240126
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 26.0 21.1 31.7



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: 103.802 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-C

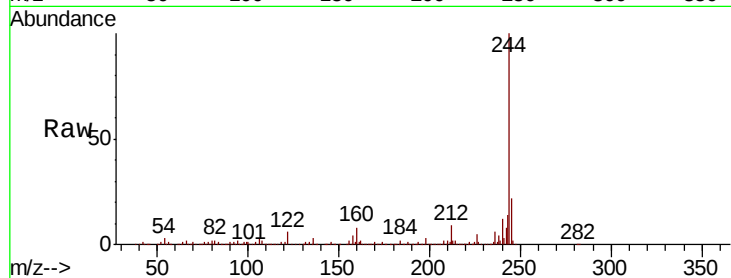
Tot Ion:244 Resp: 1257721

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

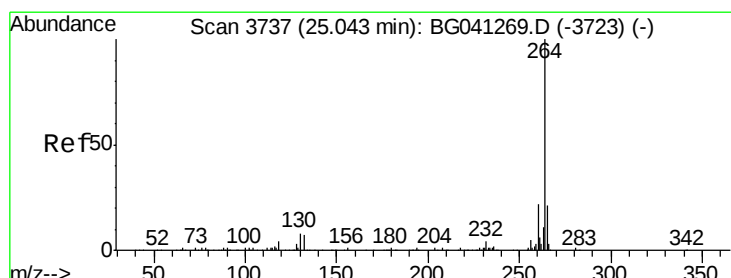
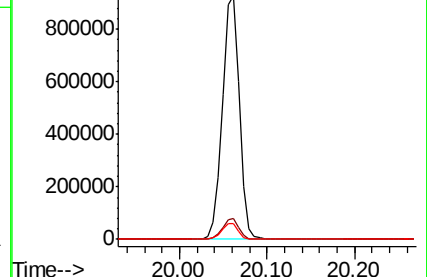
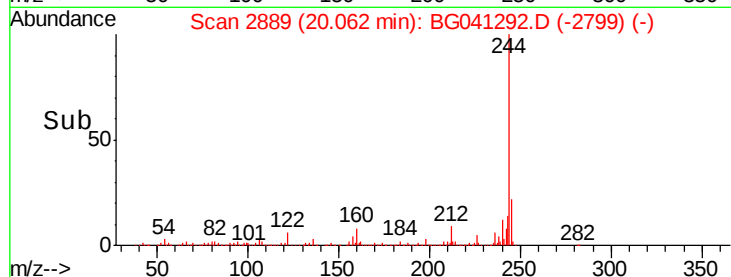
122 6.4 5.0 7.4



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: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041292.D

Acq: 18 Jun 2019 4:33

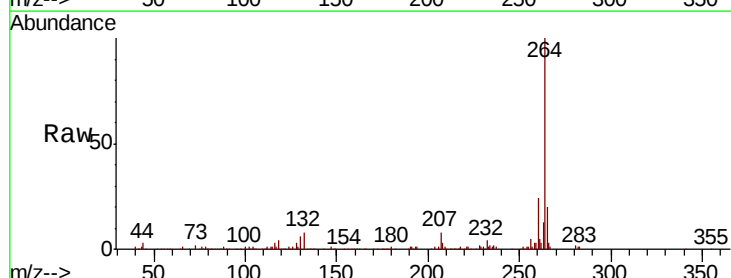
Tgt Ion:264 Resp: 252990

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.2

265 20.2 17.2 25.8



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

