

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041289.D
 Acq On : 18 Jun 2019 2:39
 Operator : HP/JU
 Sample : K3154-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 18 08:20:22 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	35645	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	135022	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	100967	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	246866	20.00	ng	0.00
76) Chrysene-d12	21.74	240	250400	20.00	ng	0.00
87) Perylene-d12	25.05	264	266777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214772	110.71	ng	0.00
7) Phenol-d6	7.23	99	272012	96.73	ng	0.00
23) Nitrobenzene-d5	9.27	82	306456	95.45	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	178394	115.09	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	704453	94.83	ng	0.00
79) Terphenyl-d14	20.06	244	1232295	97.53	ng	0.00

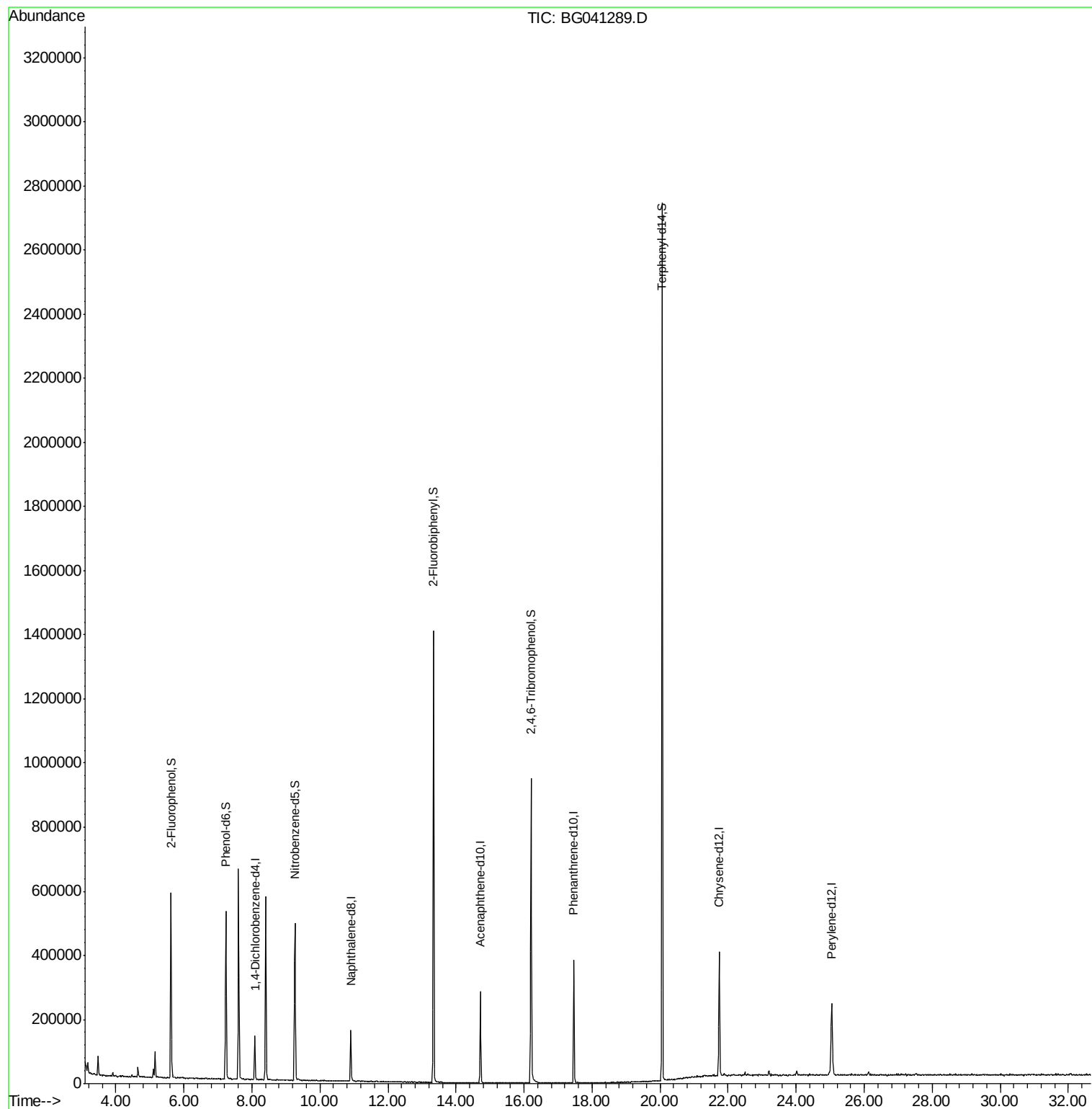
Target Compounds Qvalue

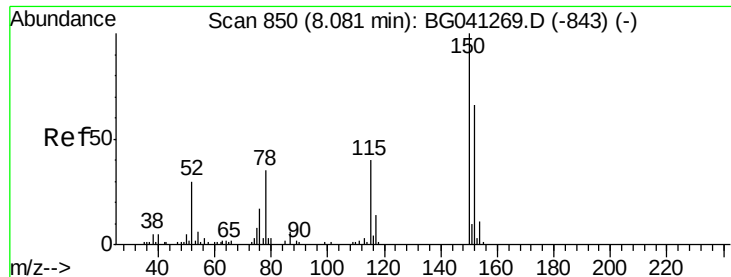
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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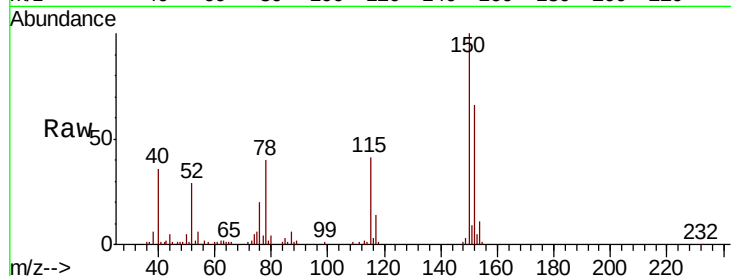


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041289.D
Acq: 18 Jun 2019 2:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	120.6	181.0
115	61.2	47.9	71.9

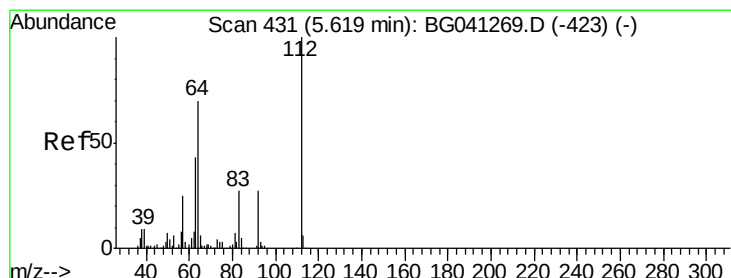
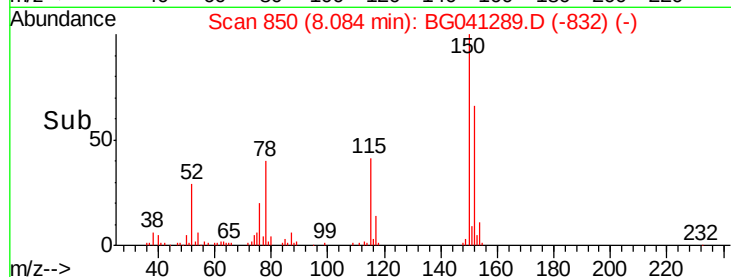
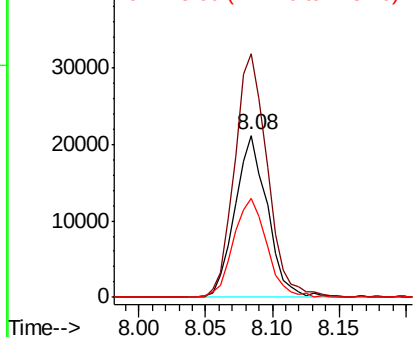


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

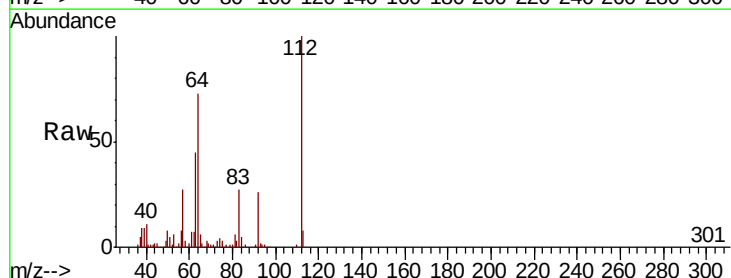
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.710 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041289.D
Acq: 18 Jun 2019 2:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	55.9	83.9
63	44.7	34.6	51.8

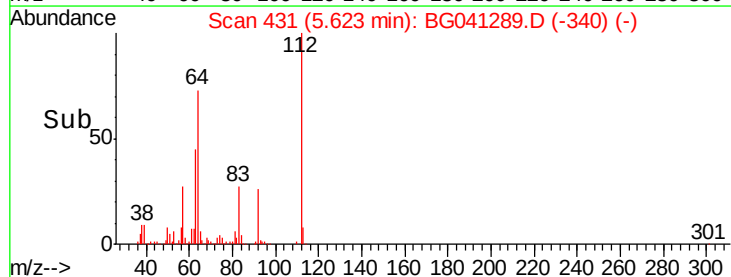
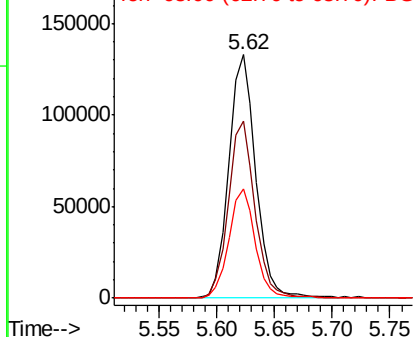


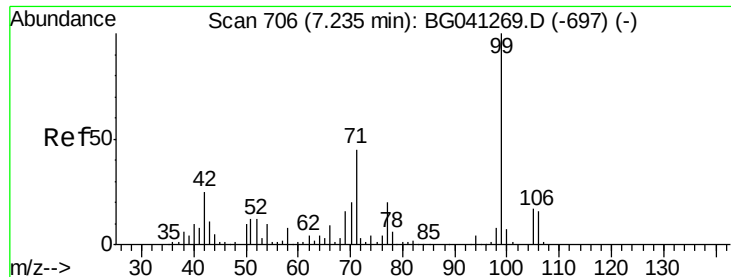
Abundance

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: 96.733 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-F

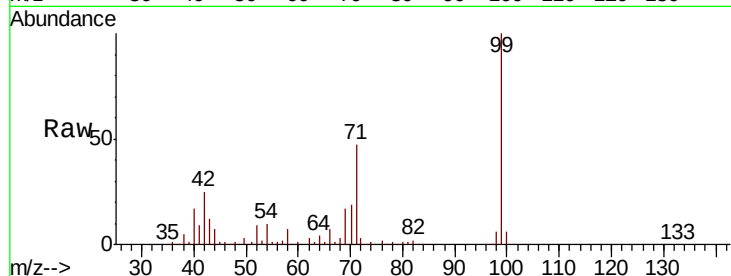
Tot Ion: 99 Resp: 272012

Ion Ratio Lower Upper

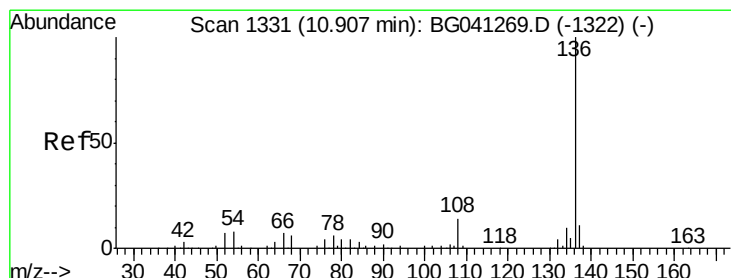
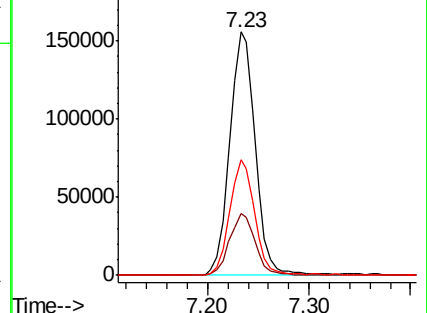
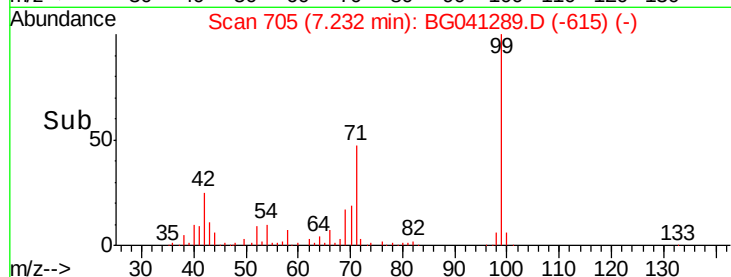
99 100

42 25.3 19.9 29.9

71 47.2 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: BG041289.D

Acq: 18 Jun 2019 2:39

Tgt Ion: 136 Resp: 135022

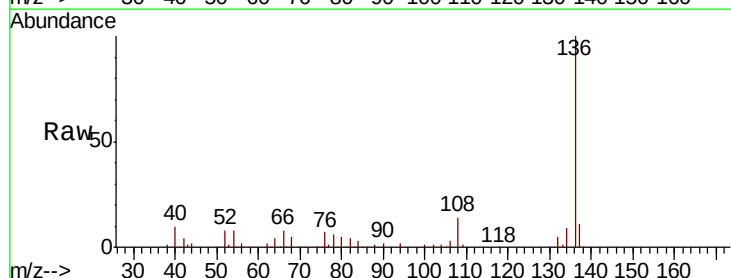
Ion Ratio Lower Upper

136 100

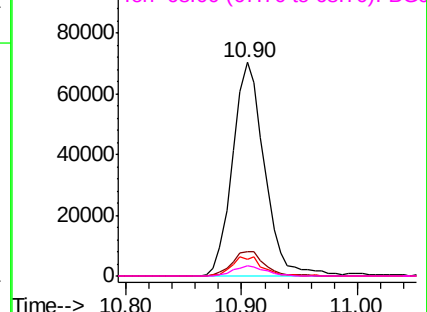
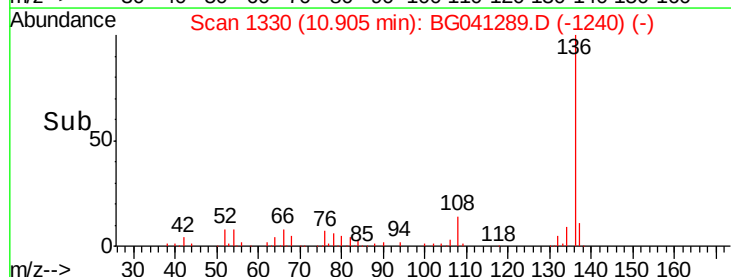
137 11.4 8.8 13.2

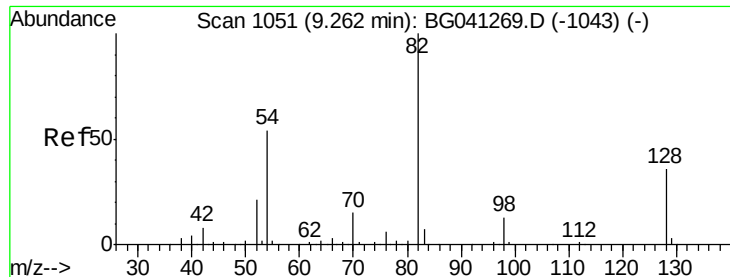
54 7.9 6.4 9.6

68 4.6 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

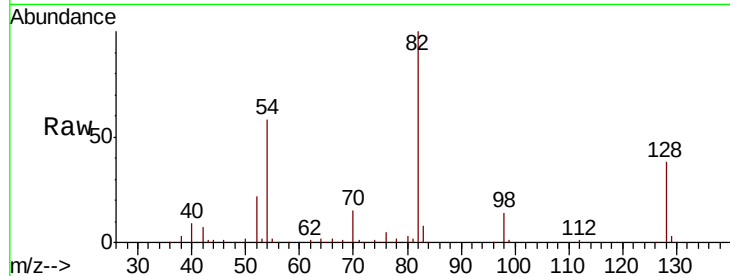




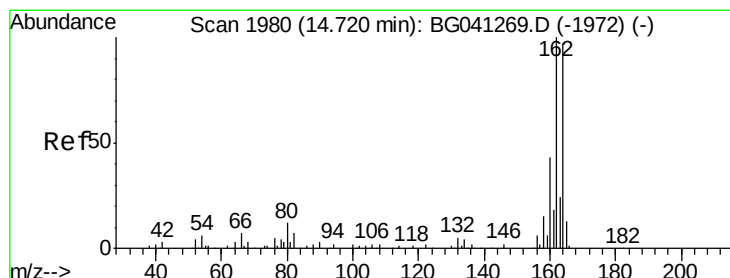
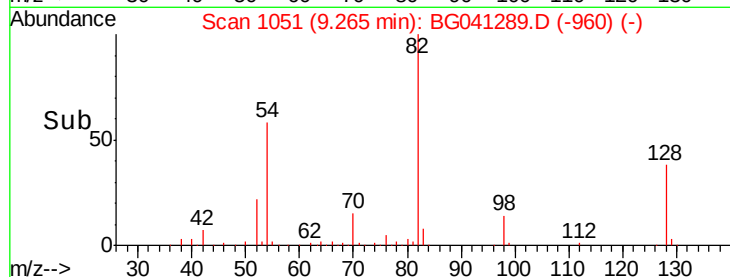
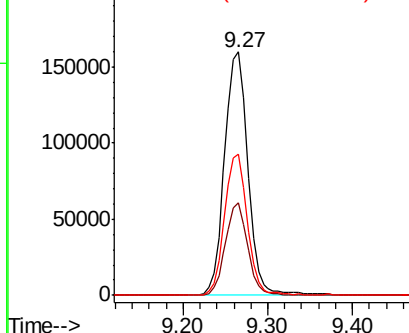
#23
Nitrobenzene-d5
Concen: 95.454 ng
RT: 9.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041289.D
Acq: 18 Jun 2019 2:39

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

Tot Ion	82	Resp	306456
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.2	43.8
54	58.1	43.4	65.0

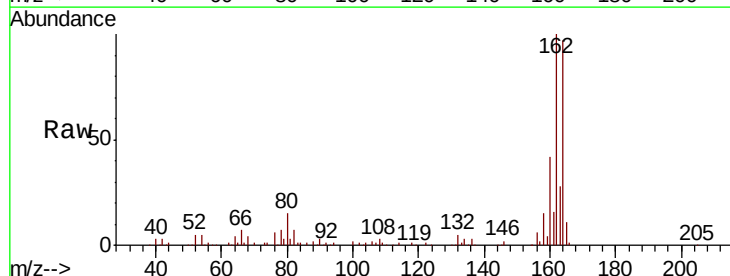


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

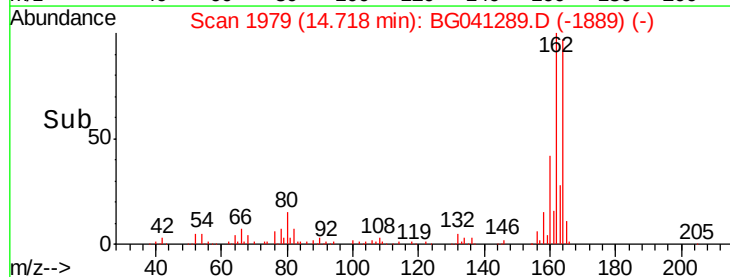
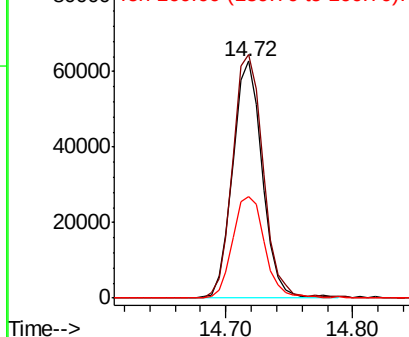


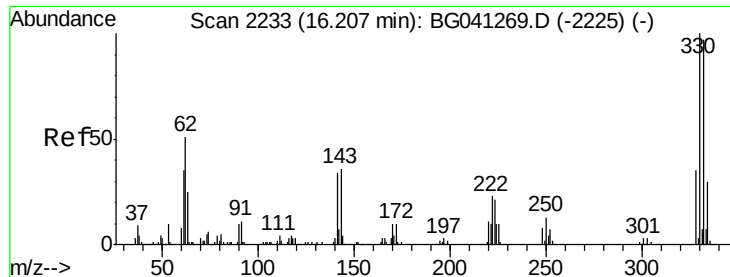
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041289.D
Acq: 18 Jun 2019 2:39

Tgt Ion	164	Resp	100967
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.8	124.2
160	42.8	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: 115.088 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-F

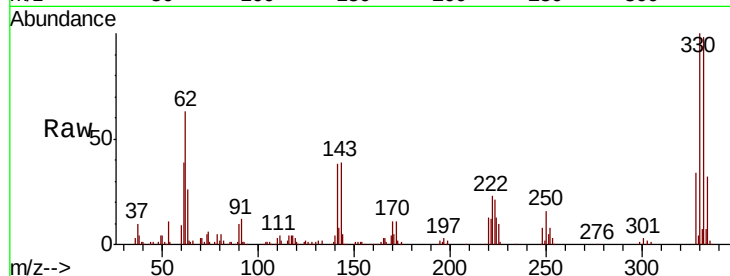
Tot Ion:330 Resp: 178394

Ion Ratio Lower Upper

330 100

332 97.2 75.5 113.3

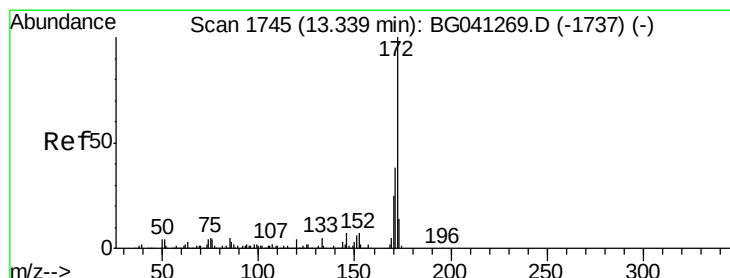
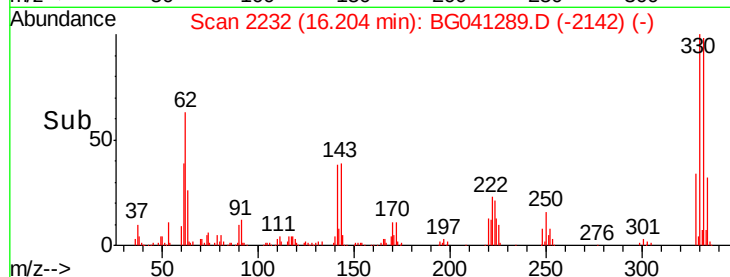
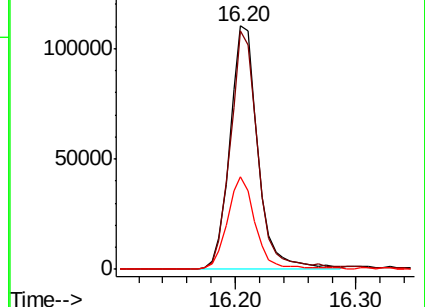
141 37.9 29.0 43.4



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: 94.829 ng

RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

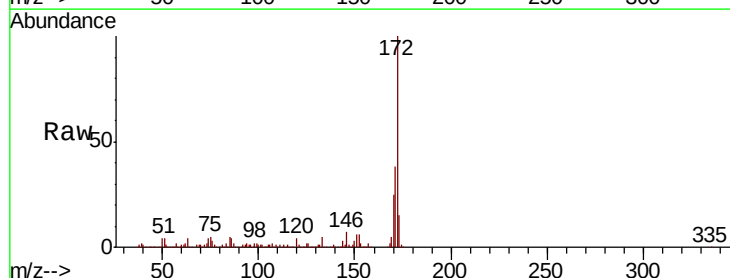
Tgt Ion:172 Resp: 704453

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

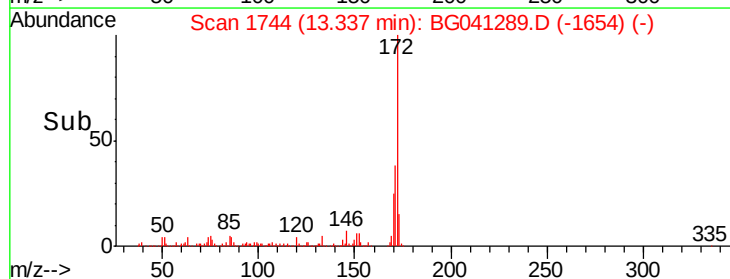
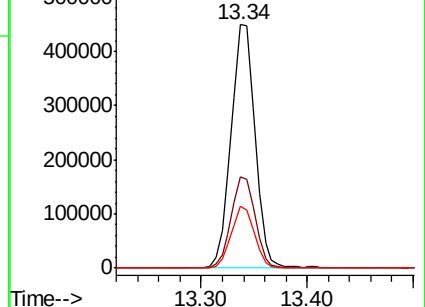
170 25.5 19.8 29.6

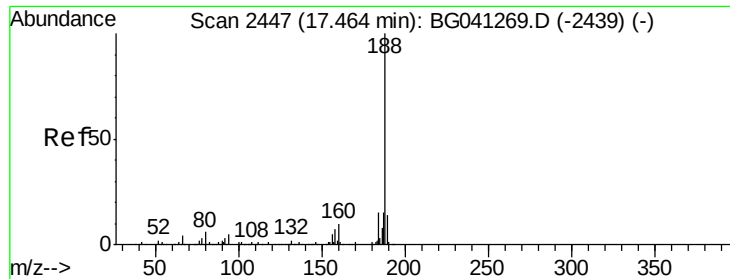


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-F

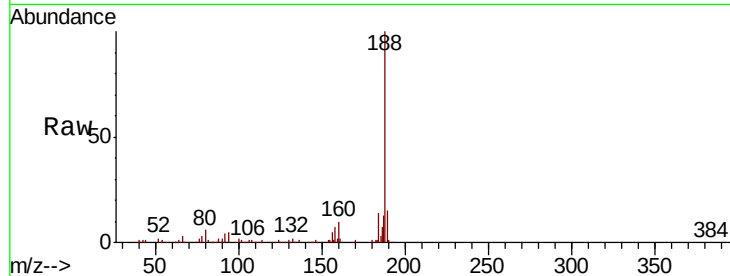
Tot Ion:188 Resp: 246866

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

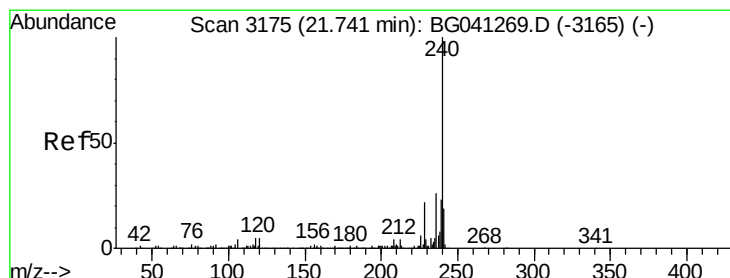
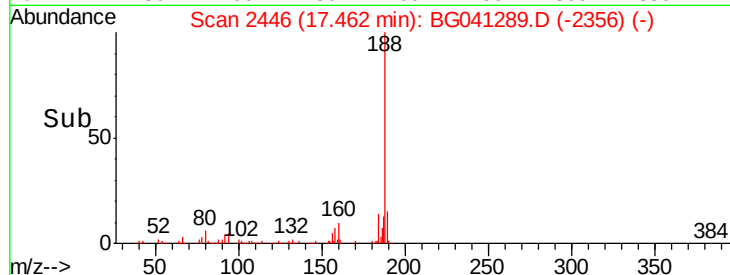
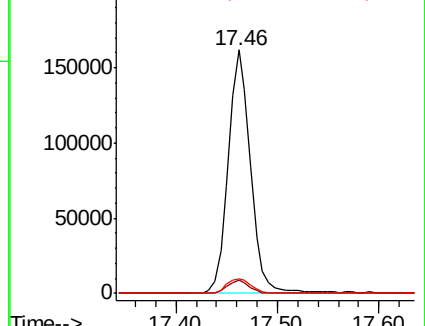
80 5.9 4.8 7.2



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: BG041289.D

Acq: 18 Jun 2019 2:39

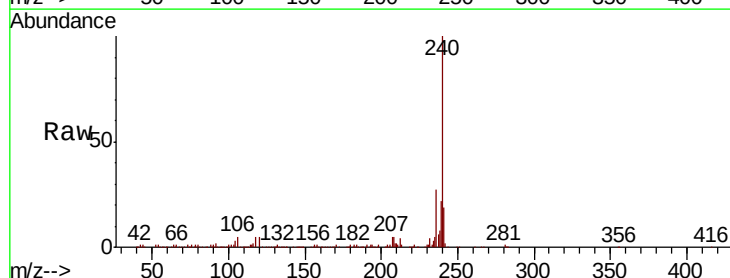
Tgt Ion:240 Resp: 250400

Ion Ratio Lower Upper

240 100

120 4.7 3.7 5.5

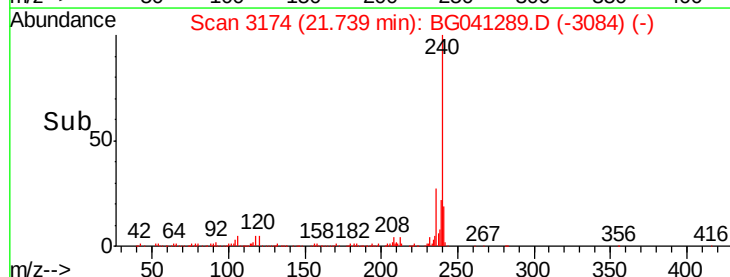
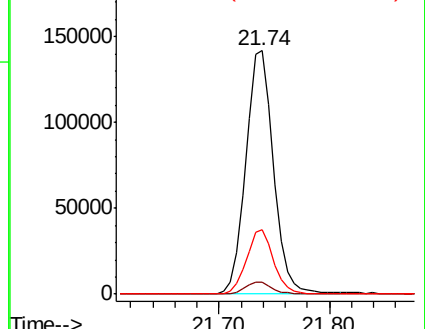
236 26.7 21.1 31.7

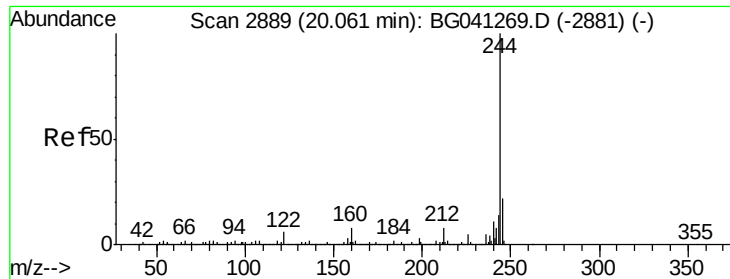


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.530 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

Instrument :

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ClientSampleId :

JC-02-061419-F

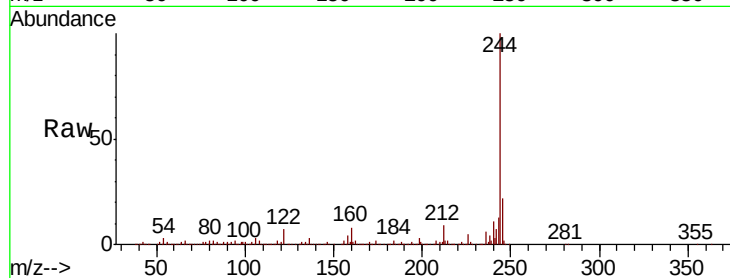
Tot Ion:244 Resp: 1232295

Ion Ratio Lower Upper

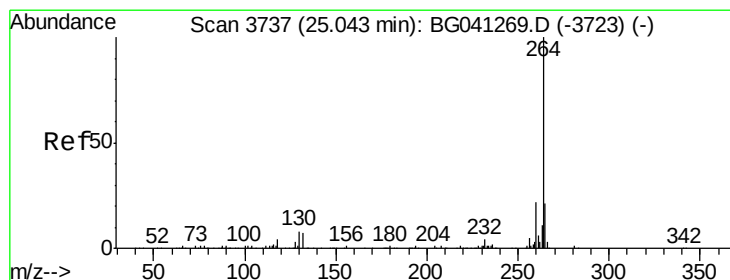
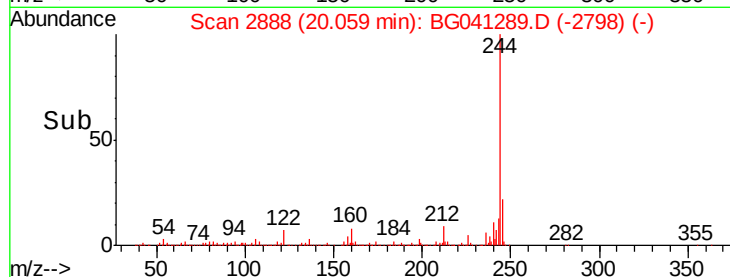
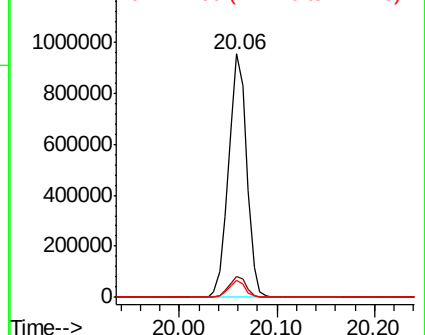
244 100

212 8.7 6.6 10.0

122 7.1 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# 3737

Delta R.T. 0.00 min

Lab File: BG041289.D

Acq: 18 Jun 2019 2:39

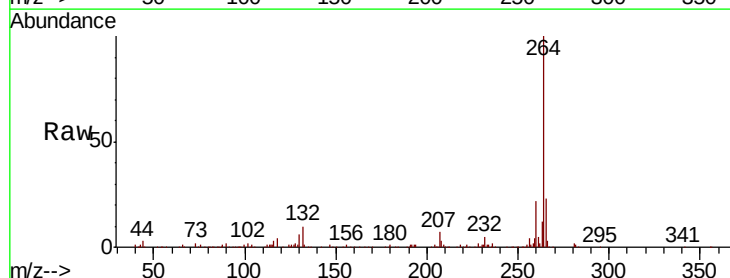
Tgt Ion:264 Resp: 266777

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.2

265 22.8 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

