

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041290.D
 Acq On : 18 Jun 2019 3:17
 Operator : HP/JU
 Sample : K3154-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 18 08:21:41 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	33921	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	128680	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	97408	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	245990	20.00	ng	0.00
76) Chrysene-d12	21.74	240	263205	20.00	ng	0.00
87) Perylene-d12	25.04	264	269539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	245329	132.89	ng	0.00
7) Phenol-d6	7.24	99	312443	116.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	291907	95.40	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	211427	141.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	680638	94.97	ng	0.00
79) Terphenyl-d14	20.06	244	1296427	97.61	ng	0.00

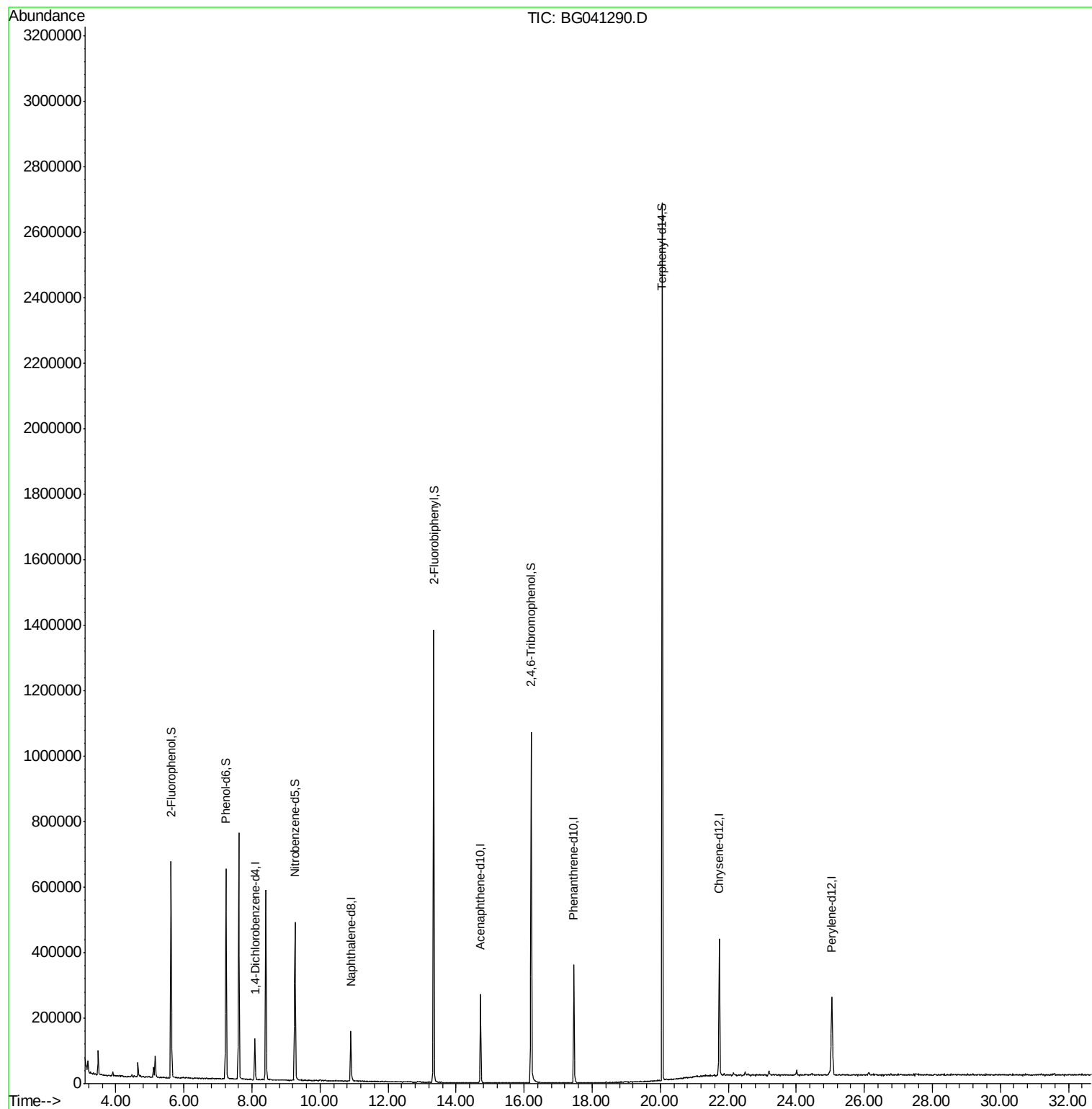
Target Compounds Qvalue

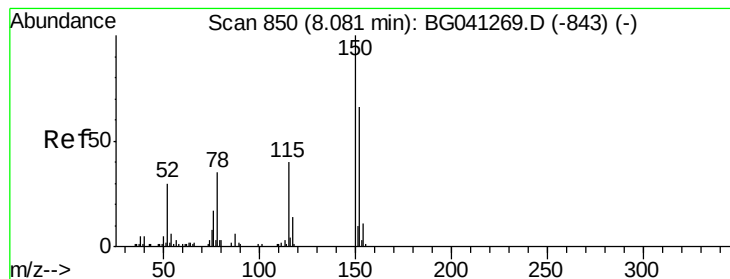
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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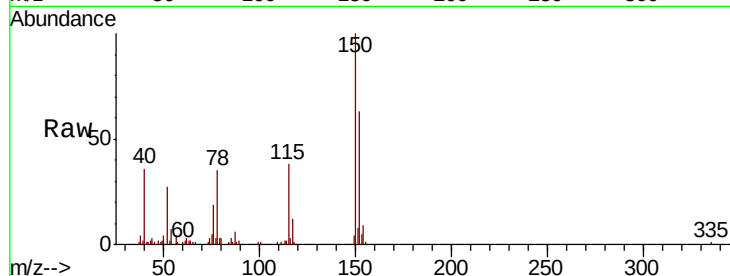


#1

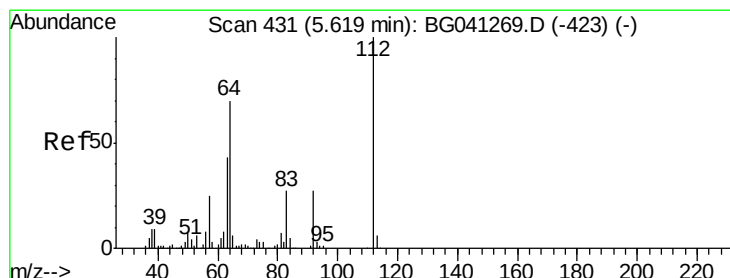
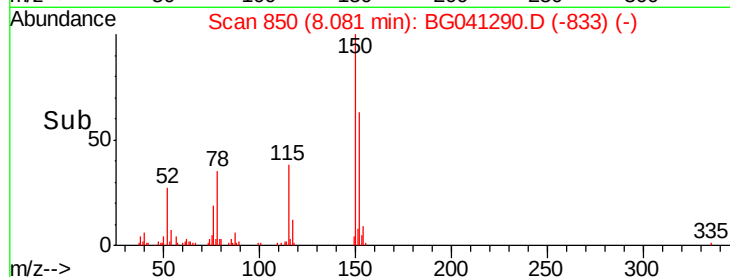
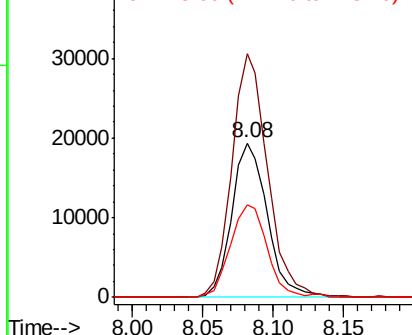
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041290.D
Acq: 18 Jun 2019 3:17

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

Tot Ion:152 Resp: 33921
Ion Ratio Lower Upper
152 100
150 157.8 120.6 181.0
115 59.7 47.9 71.9



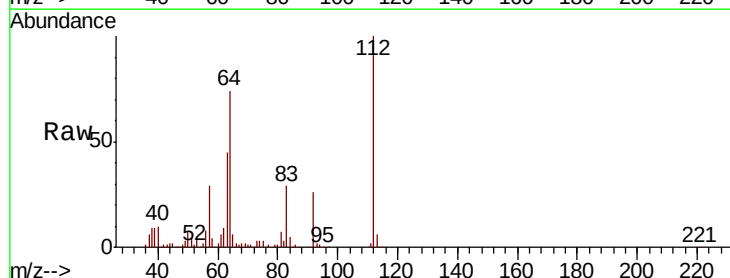
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



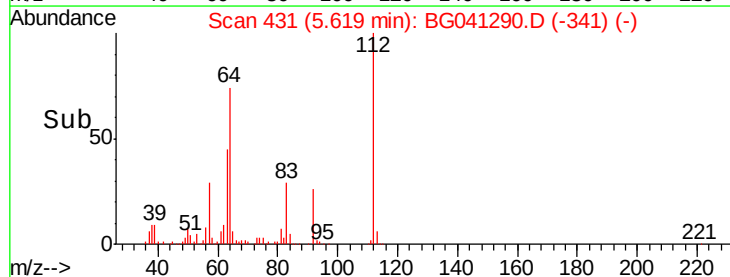
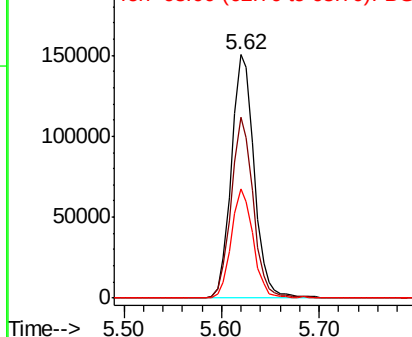
#5

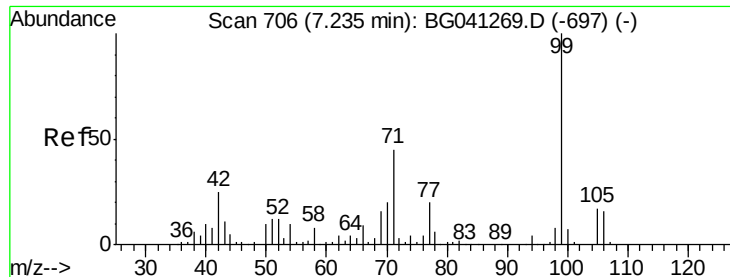
2-Fluorophenol
Concen: 132.889 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041290.D
Acq: 18 Jun 2019 3:17

Tgt Ion:112 Resp: 245329
Ion Ratio Lower Upper
112 100
64 74.0 55.9 83.9
63 44.6 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: 116.758 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

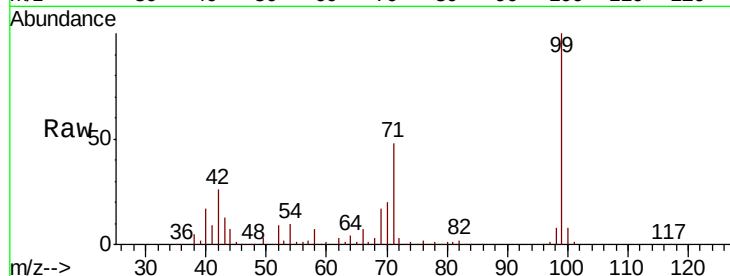
Tot Ion: 99 Resp: 312443

Ion Ratio Lower Upper

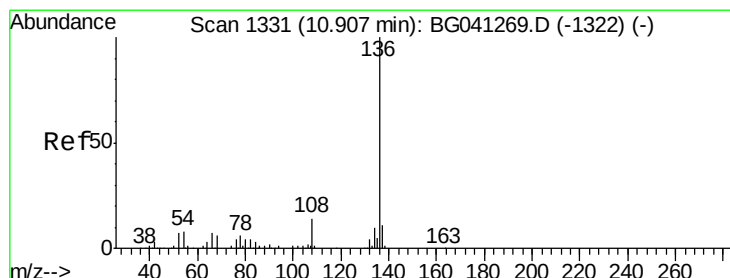
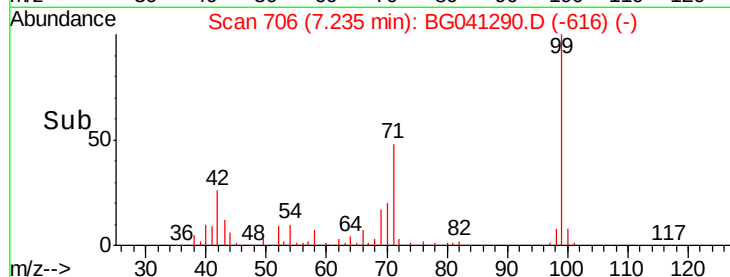
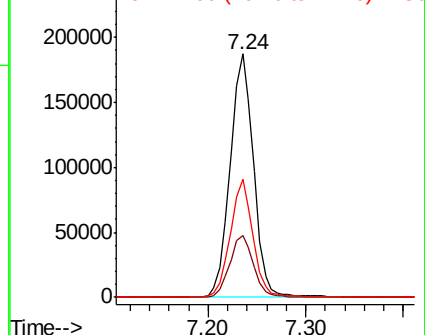
99 100

42 25.6 19.9 29.9

71 48.3 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. -0.01 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

Tgt Ion: 136 Resp: 128680

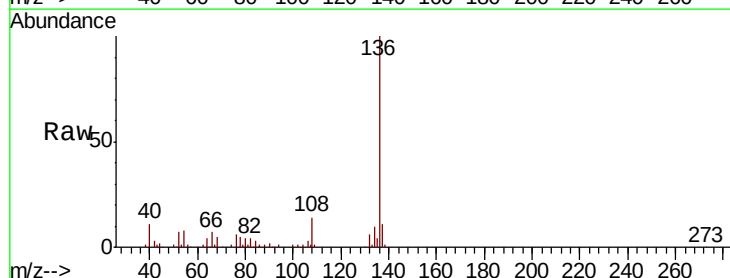
Ion Ratio Lower Upper

136 100

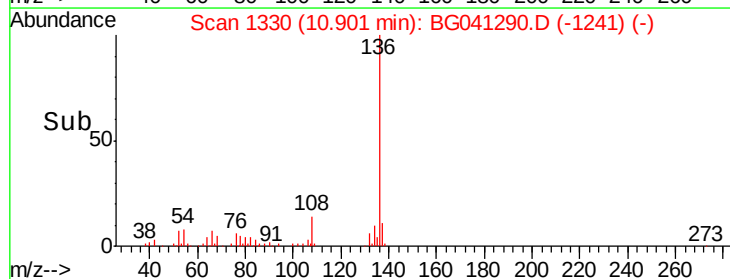
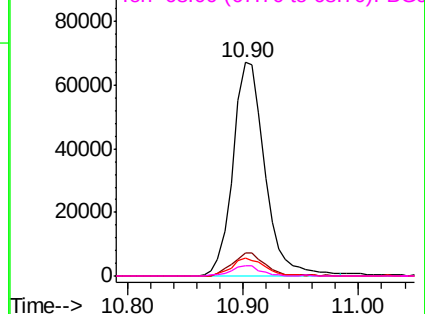
137 11.1 8.8 13.2

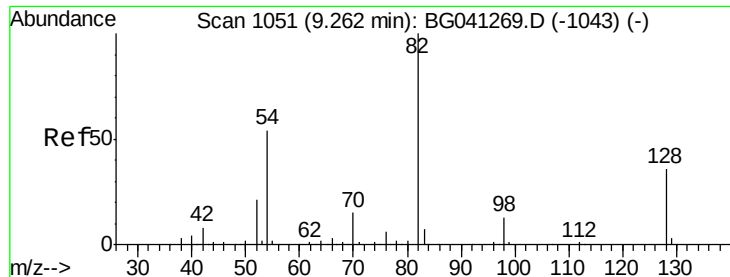
54 8.1 6.4 9.6

68 4.7 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

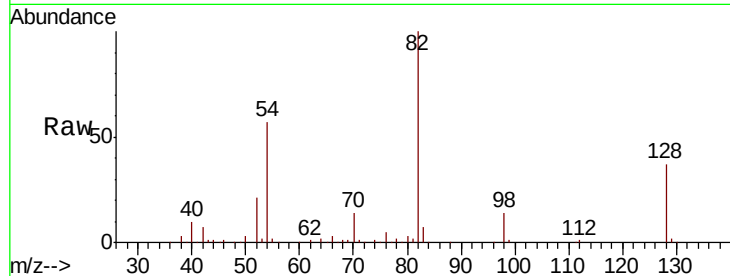




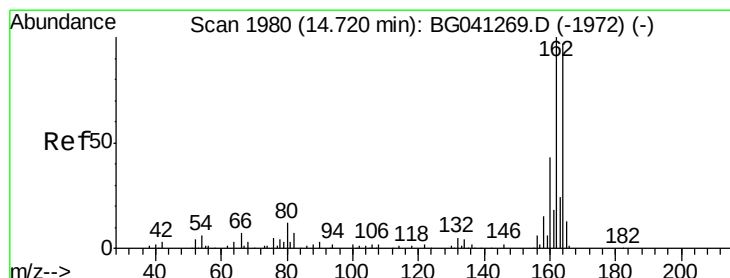
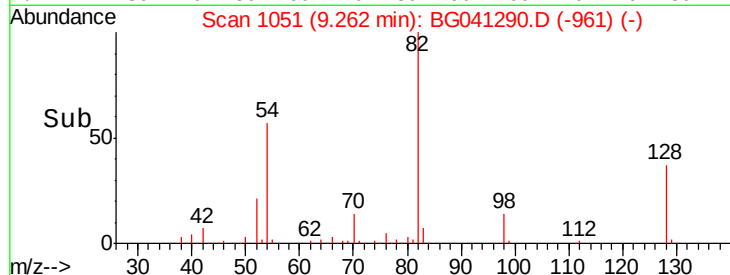
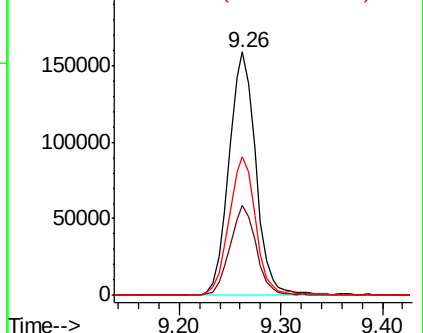
#23
 Nitrobenzene-d5
 Concen: 95.403 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041290.D
 Acq: 18 Jun 2019 3:17

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

Tot Ion	82	Resp	291907
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.2	43.8
54	57.1	43.4	65.0

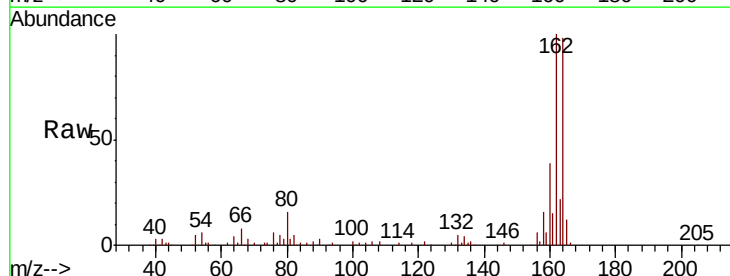


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

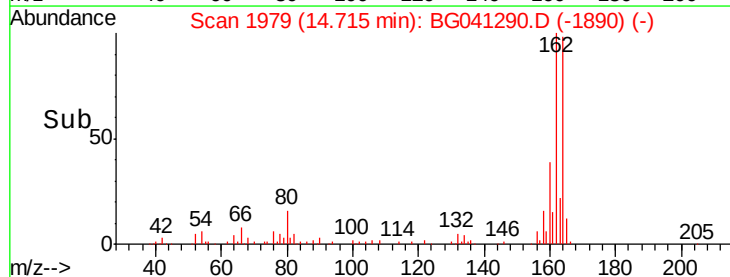
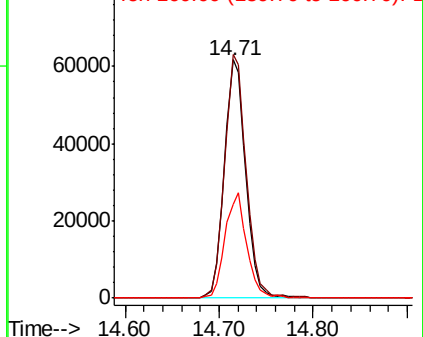


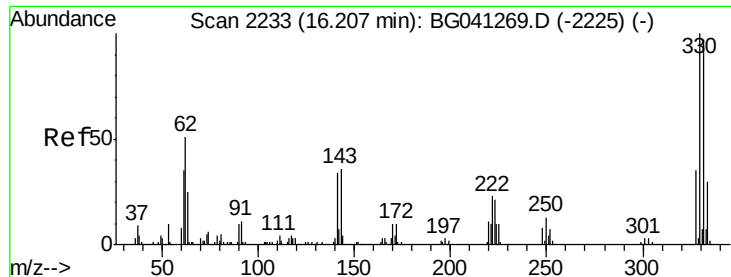
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041290.D
 Acq: 18 Jun 2019 3:17

Tgt Ion	164	Resp	97408
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.8	124.2
160	39.6	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

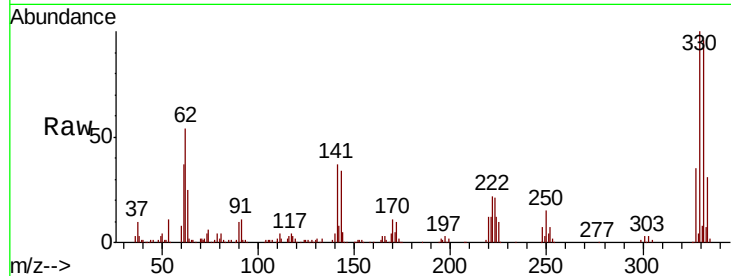




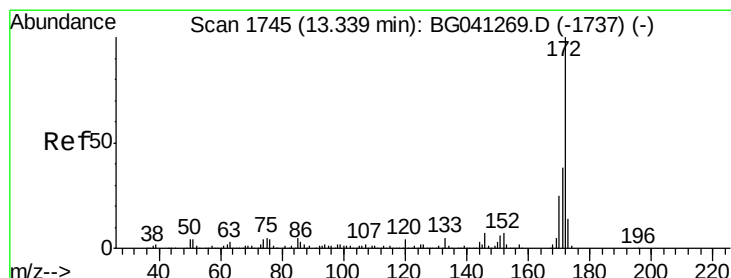
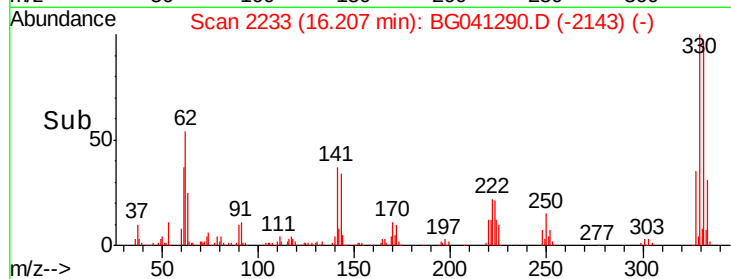
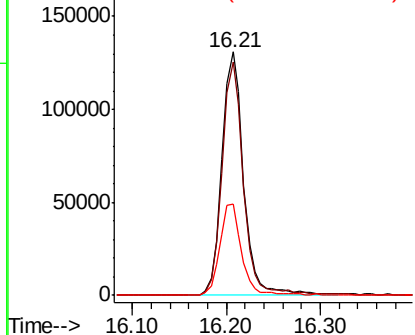
#42
 2,4,6-Tribromophenol
 Concen: 141.382 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041290.D
 Acq: 18 Jun 2019 3:17

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

Tot Ion:330 Resp: 211427
 Ion Ratio Lower Upper
 330 100
 332 93.6 75.5 113.3
 141 37.3 29.0 43.4

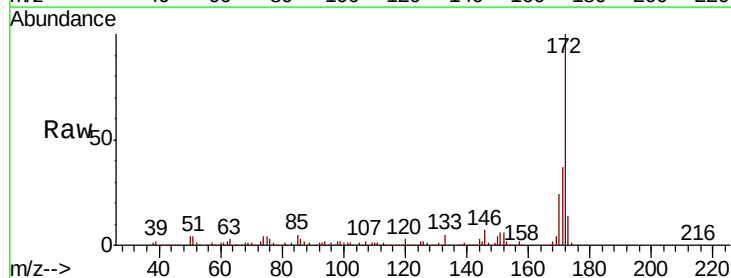


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

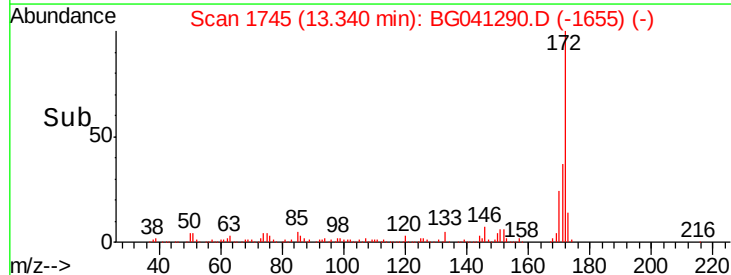
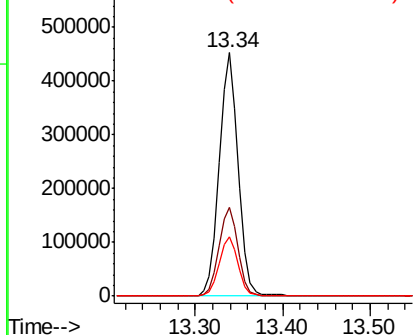


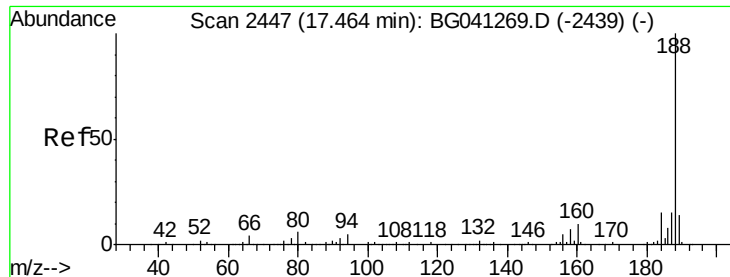
#45
 2-Fluorobiphenyl
 Concen: 94.971 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041290.D
 Acq: 18 Jun 2019 3:17

Tgt Ion:172 Resp: 680638
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 24.5 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# 2447

Delta R.T. 0.00 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

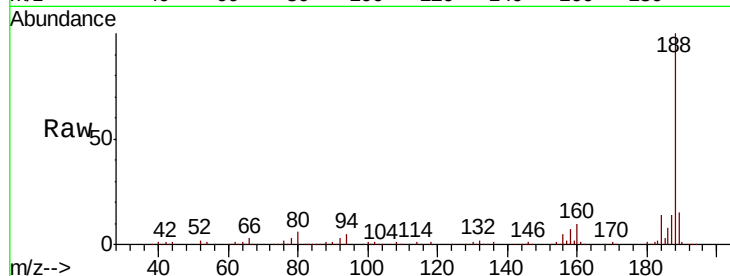
Tot Ion:188 Resp: 245990

Ion Ratio Lower Upper

188 100

94 4.8 3.6 5.4

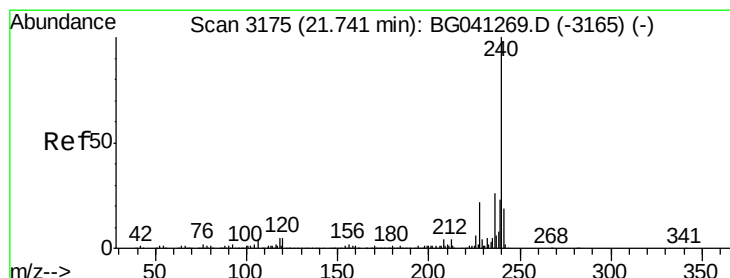
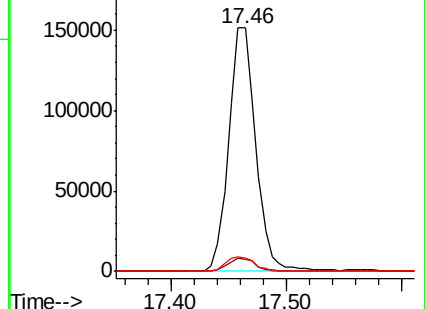
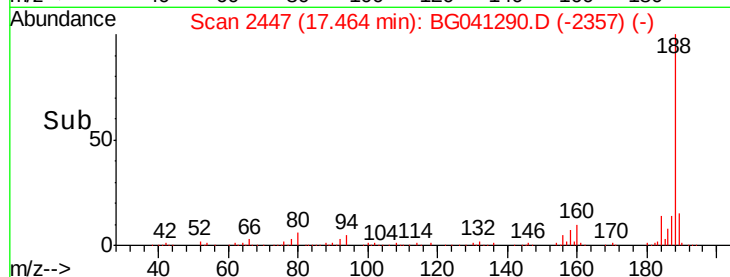
80 5.7 4.8 7.2



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. -0.01 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

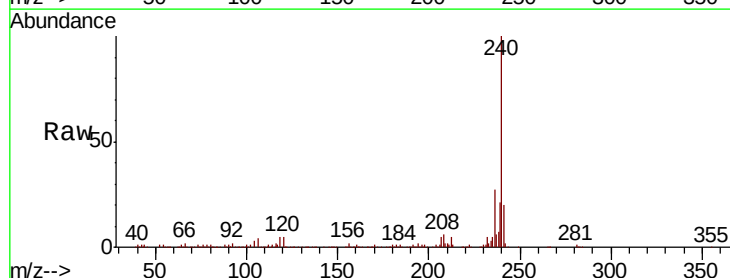
Tgt Ion:240 Resp: 263205

Ion Ratio Lower Upper

240 100

120 5.1 3.7 5.5

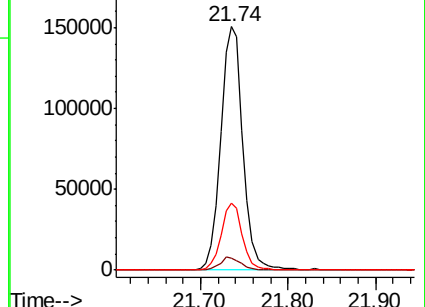
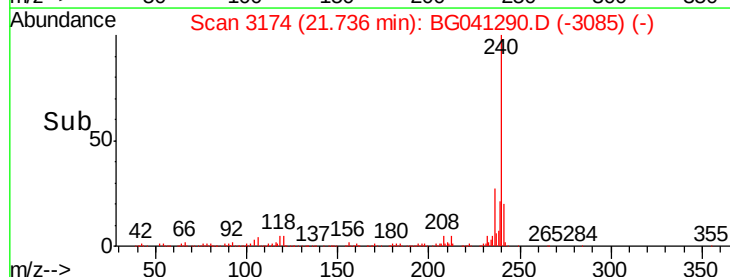
236 27.5 21.1 31.7

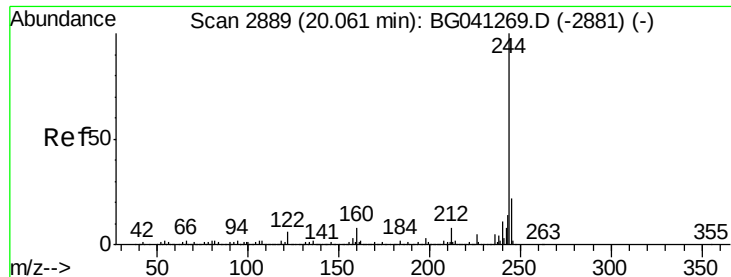


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.614 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-E

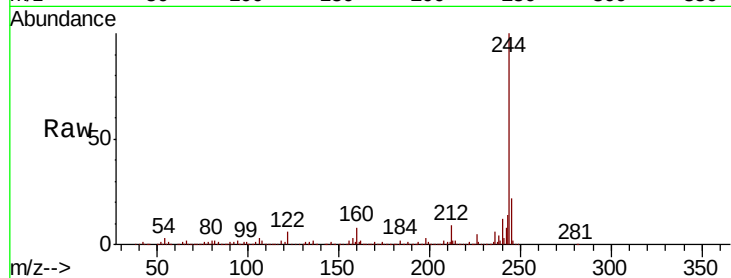
Tot Ion:244 Resp: 1296427

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

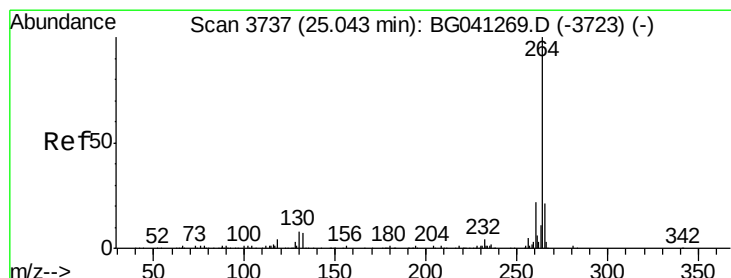
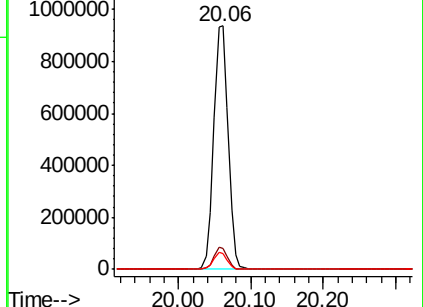
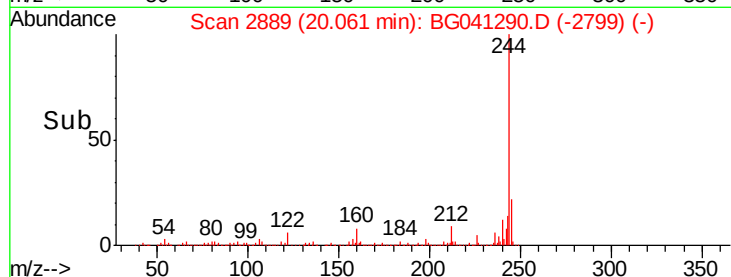
122 6.3 5.0 7.4



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: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041290.D

Acq: 18 Jun 2019 3:17

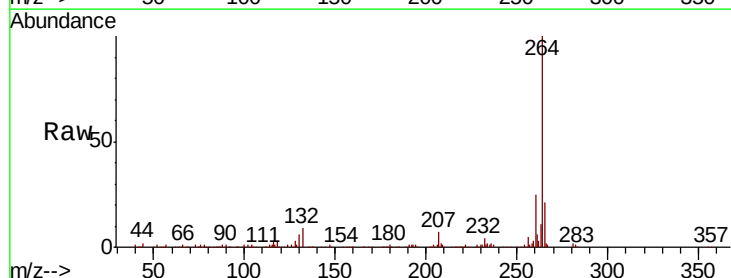
Tgt Ion:264 Resp: 269539

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.2

265 21.3 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

