

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041282.D
 Acq On : 17 Jun 2019 22:13
 Operator : HP/JU
 Sample : K3154-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 18 08:02:39 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	33785	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	130773	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95785	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	236709	20.00	ng	0.00
76) Chrysene-d12	21.74	240	236926	20.00	ng	0.00
87) Perylene-d12	25.04	264	250887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	243078	132.20	ng	0.00
7) Phenol-d6	7.24	99	301583	113.15	ng	0.00
23) Nitrobenzene-d5	9.26	82	301428	96.94	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	223542	152.02	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	703556	99.83	ng	0.00
79) Terphenyl-d14	20.06	244	1230076	102.89	ng	0.00

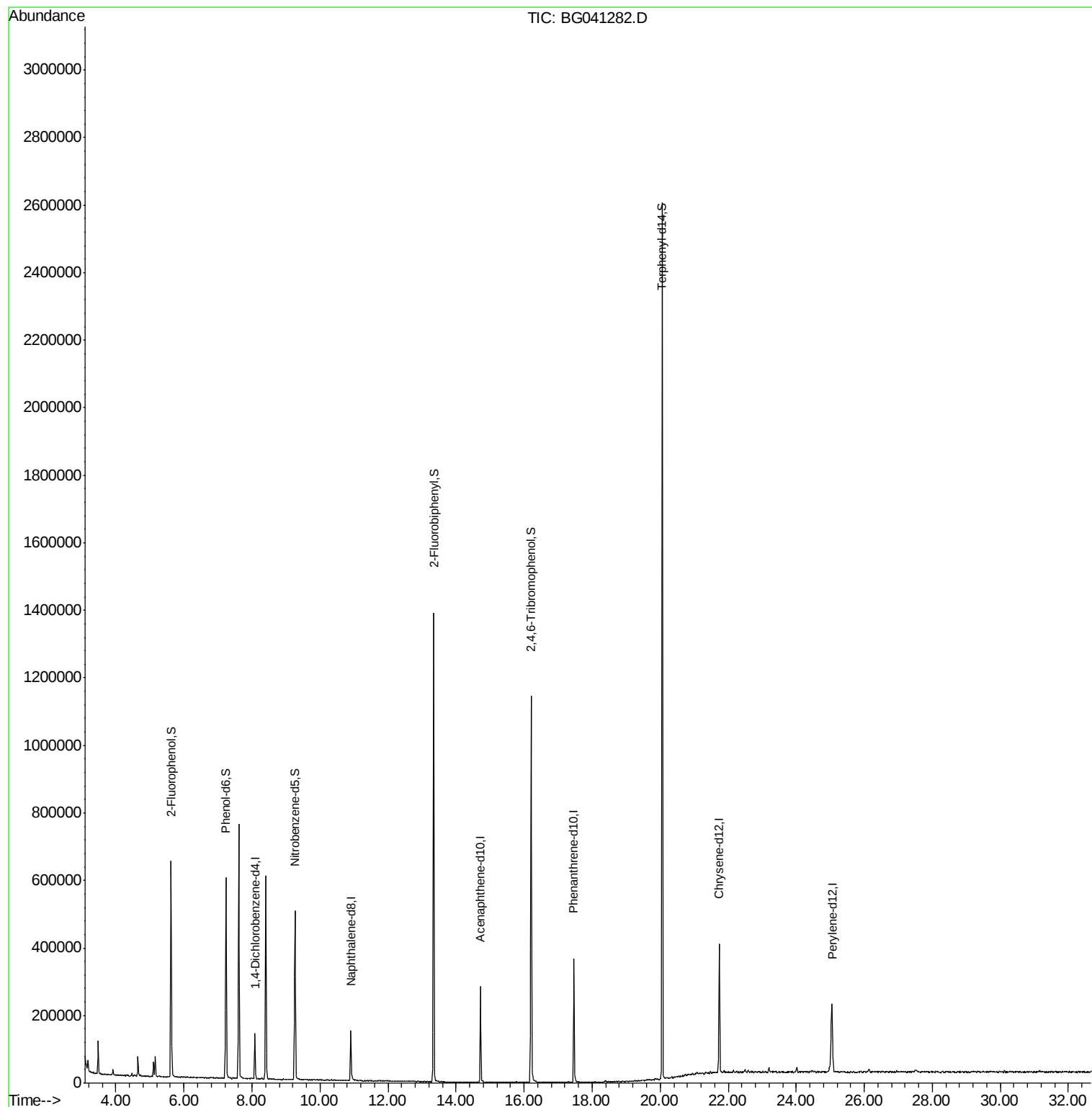
Target Compounds Qvalue

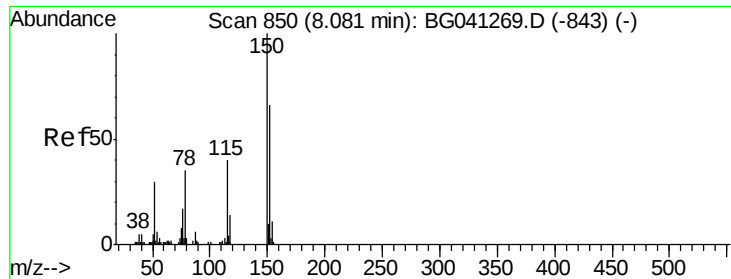
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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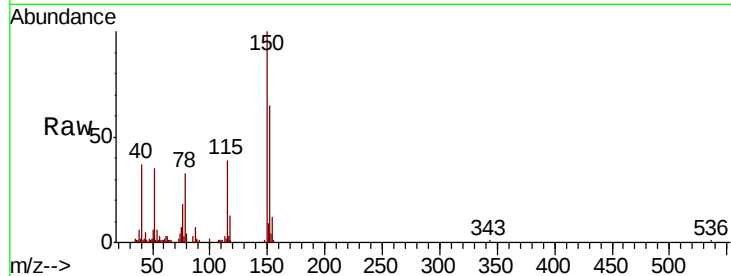


#1

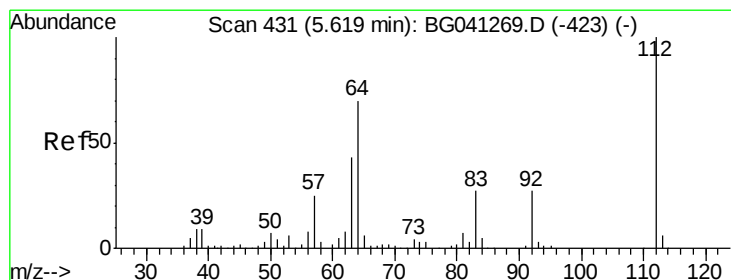
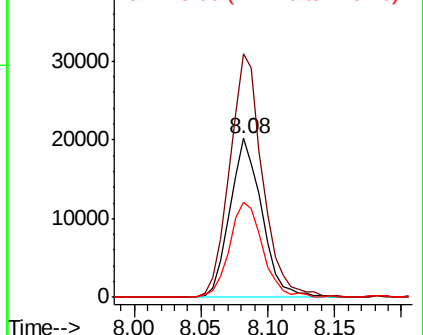
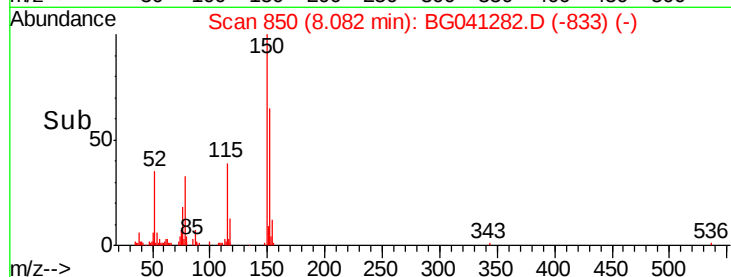
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041282.D
Acq: 17 Jun 2019 22:13

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

Tot Ion:152 Resp: 33785
Ion Ratio Lower Upper
152 100
150 153.3 120.6 181.0
115 60.0 47.9 71.9



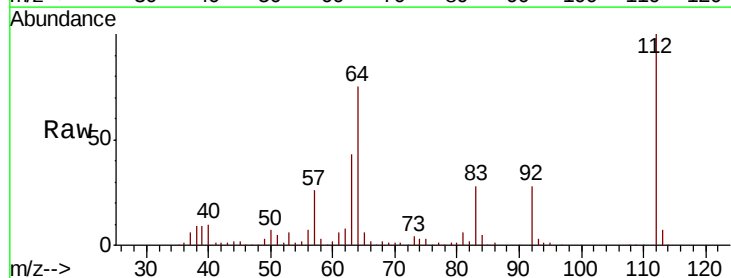
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



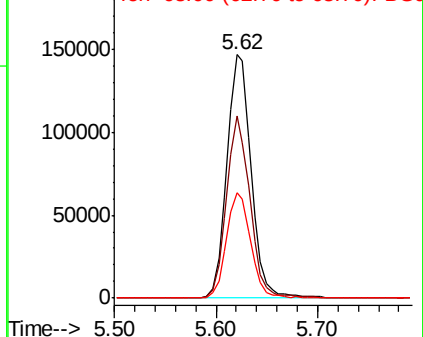
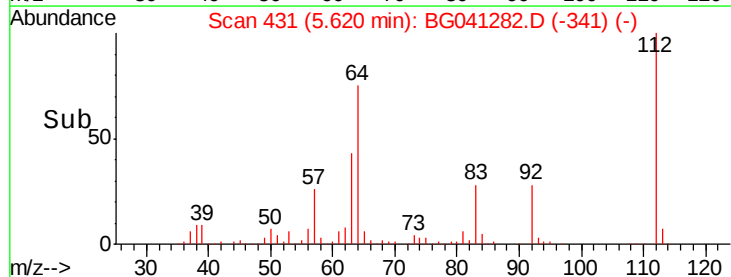
#5

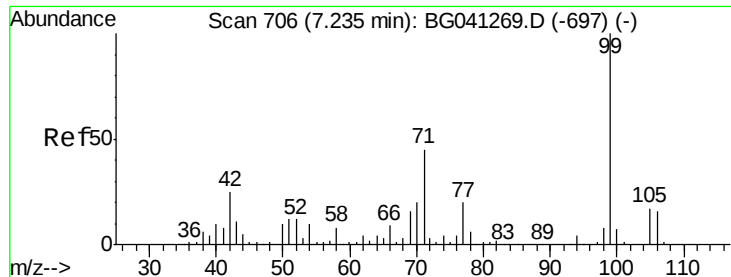
2-Fluorophenol
Concen: 132.199 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041282.D
Acq: 17 Jun 2019 22:13

Tgt Ion:112 Resp: 243078
Ion Ratio Lower Upper
112 100
64 74.8 55.9 83.9
63 43.3 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: 113.154 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041282.D

Acq: 17 Jun 2019 22:13

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-A

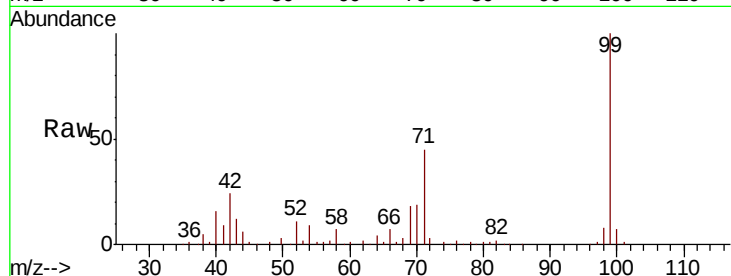
Tot Ion: 99 Resp: 301583

Ion Ratio Lower Upper

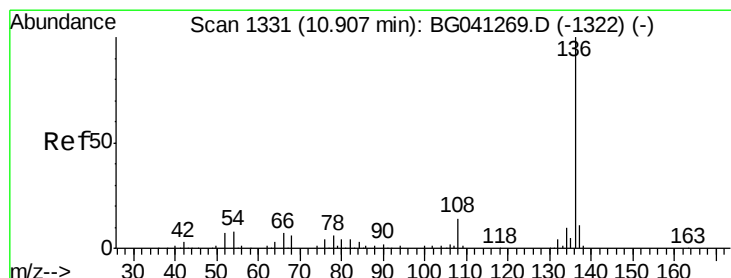
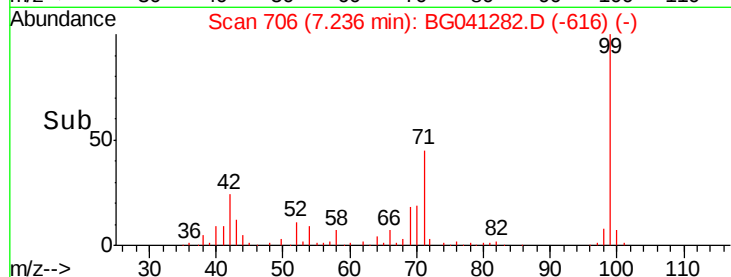
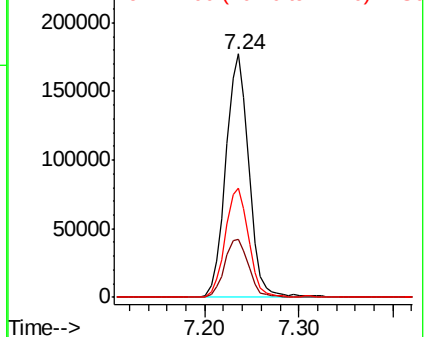
99 100

42 23.9 19.9 29.9

71 45.1 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: BG041282.D

Acq: 17 Jun 2019 22:13

Tgt Ion: 136 Resp: 130773

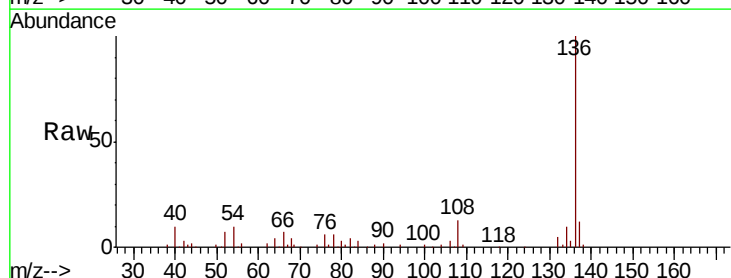
Ion Ratio Lower Upper

136 100

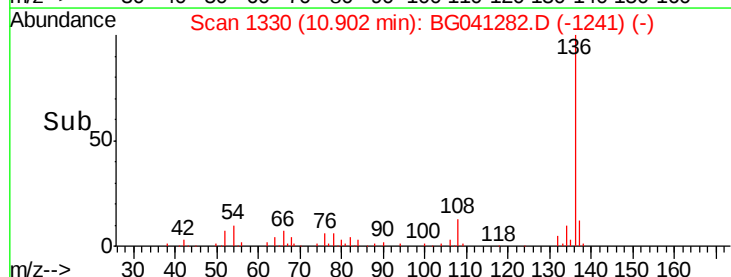
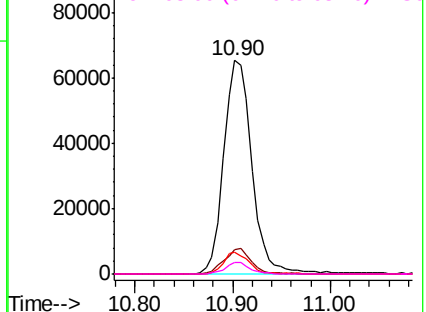
137 11.5 8.8 13.2

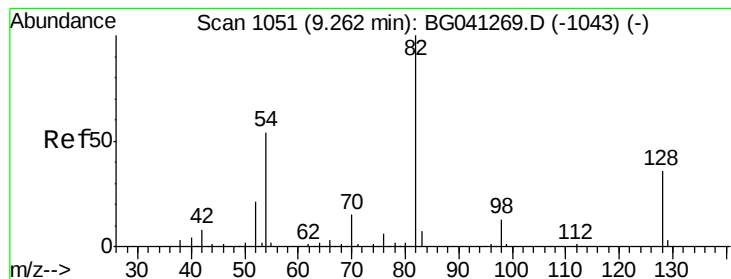
54 10.4 6.4 9.6#

68 5.1 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: 96.938 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BG041282.D

Acq: 17 Jun 2019 22:13

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-A

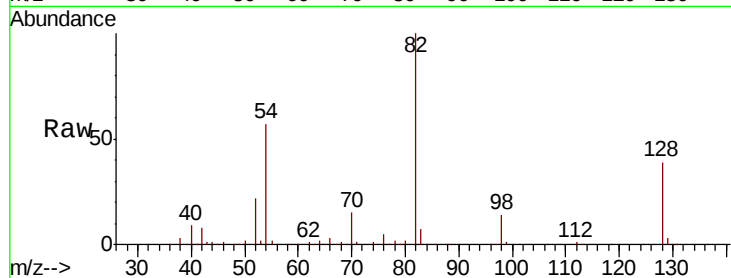
Tot Ion: 82 Resp: 301428

Ion Ratio Lower Upper

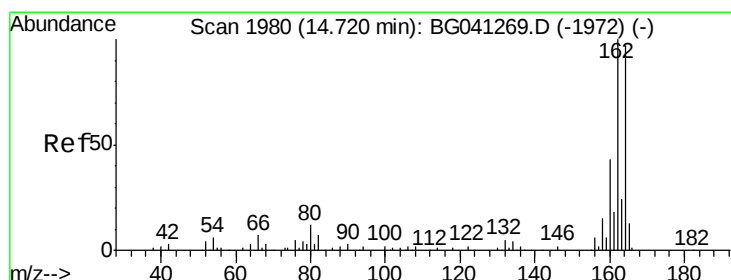
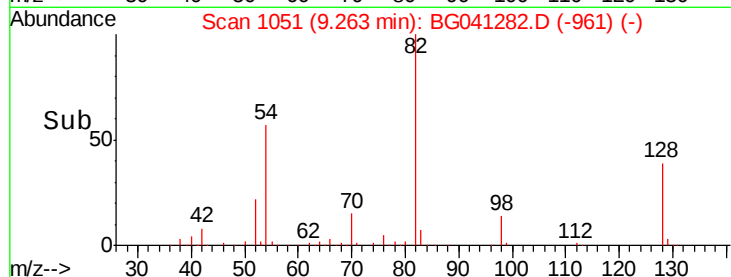
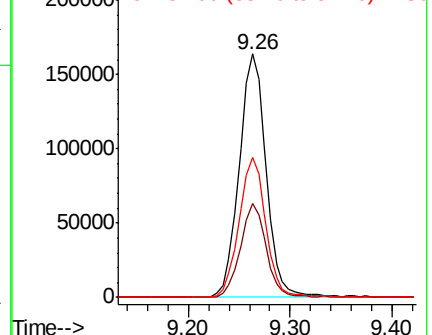
82 100

128 38.7 29.2 43.8

54 57.2 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: BG041282.D

Acq: 17 Jun 2019 22:13

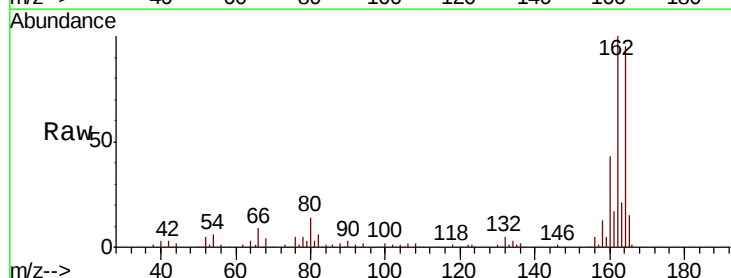
Tgt Ion:164 Resp: 95785

Ion Ratio Lower Upper

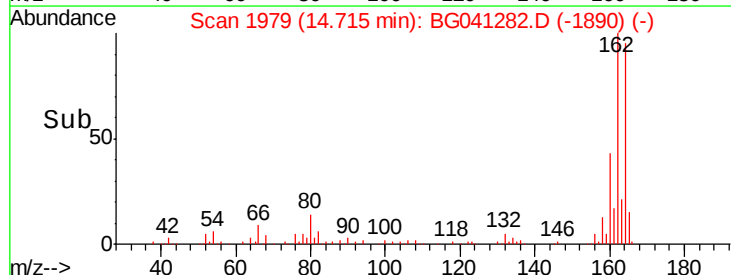
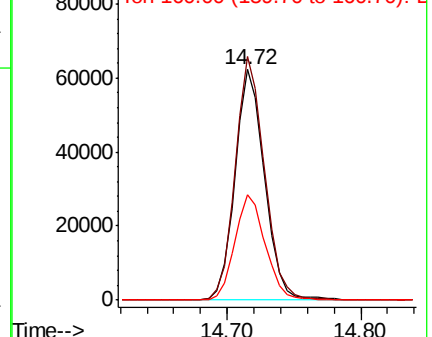
164 100

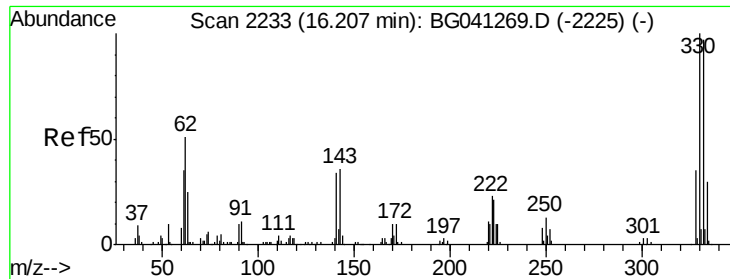
162 105.6 82.8 124.2

160 45.8 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

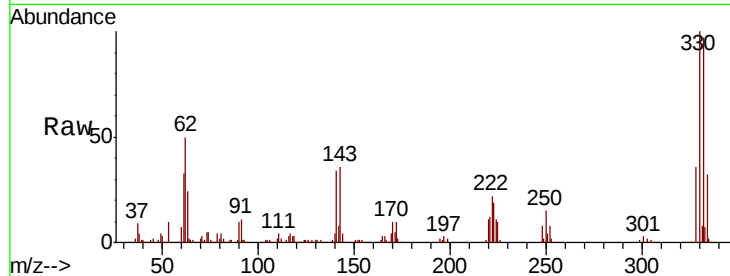




#42
 2,4,6-Tribromophenol
 Concen: 152.016 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041282.D
 Acq: 17 Jun 2019 22:13

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.5	113.3
141	35.5	29.0	43.4

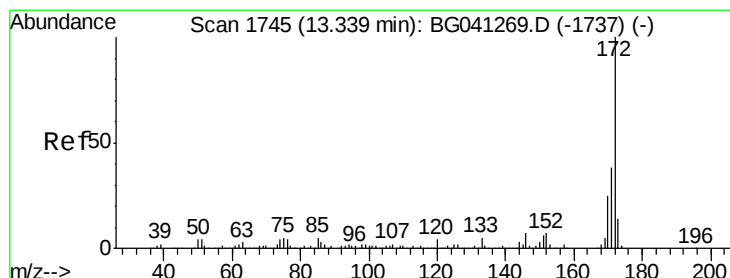
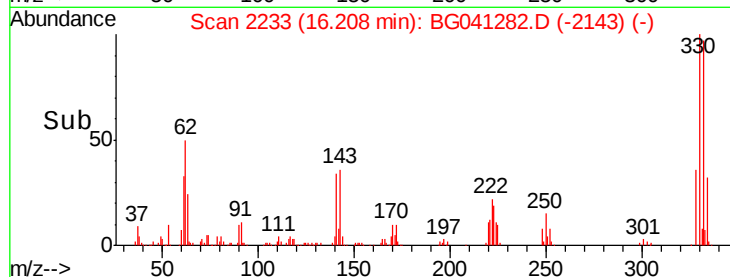
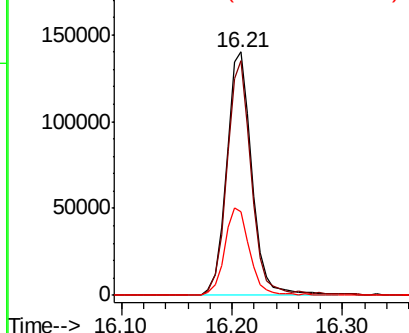


Abundance

Ion 329.80 (329.50 to 330.50): E

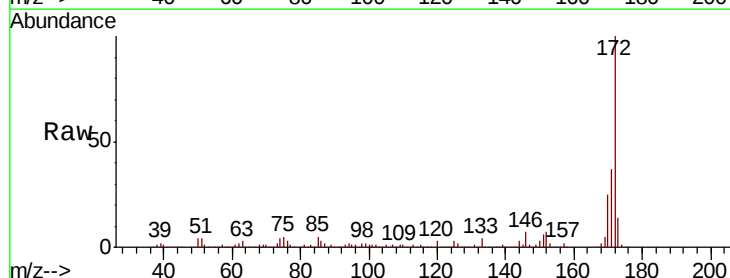
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.832 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041282.D
 Acq: 17 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.6	19.8	29.6

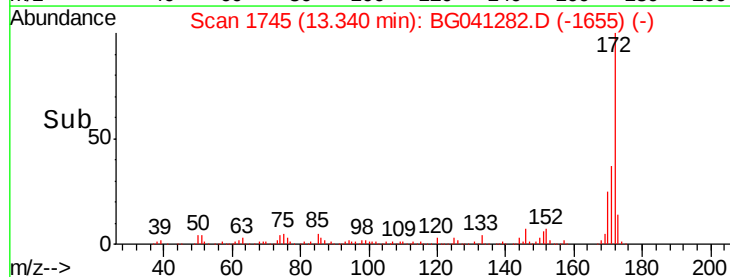
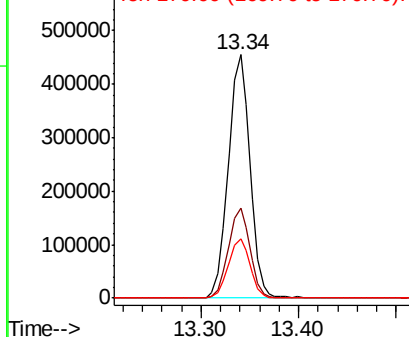


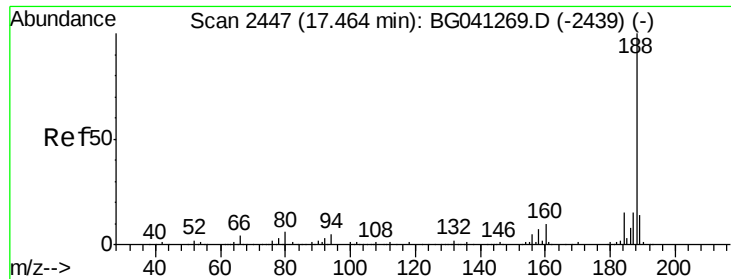
Abundance

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

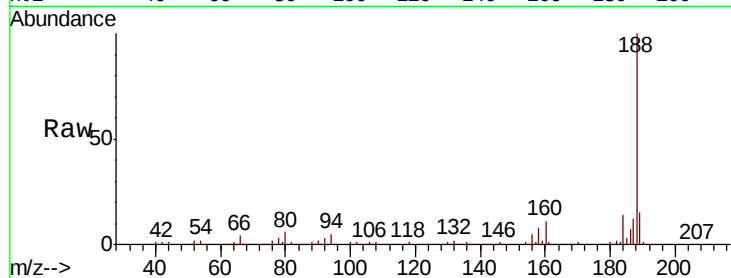




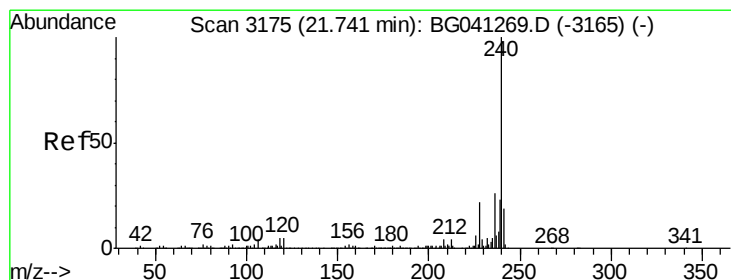
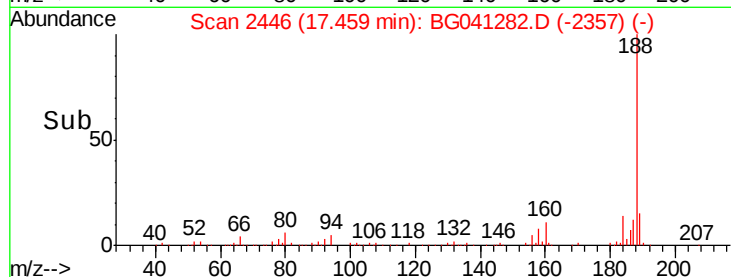
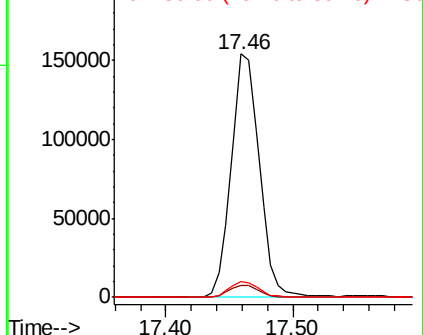
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041282.D
Acq: 17 Jun 2019 22:13

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

Tot Ion:188 Resp: 236709
Ion Ratio Lower Upper
188 100
94 5.0 3.6 5.4
80 6.5 4.8 7.2

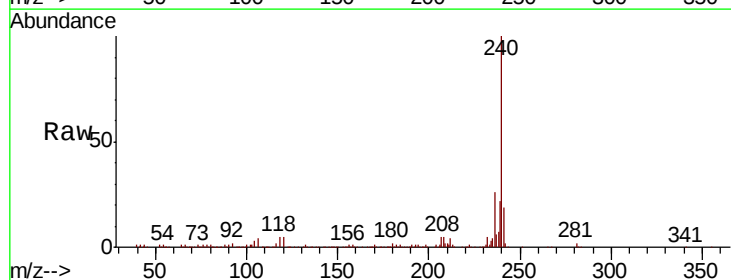


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

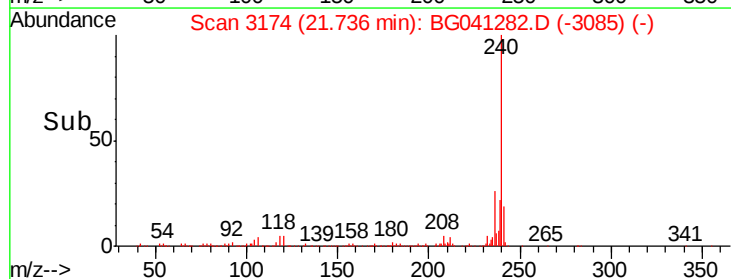
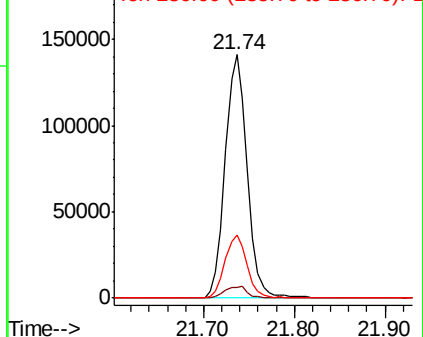


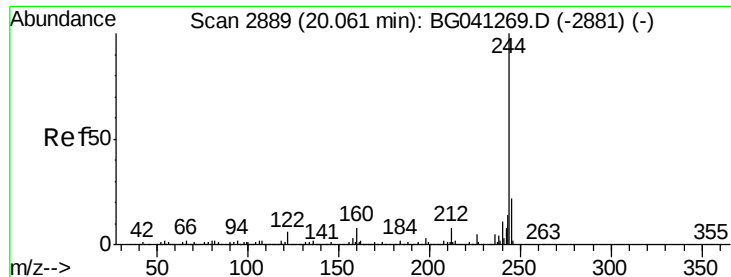
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041282.D
Acq: 17 Jun 2019 22:13

Tgt Ion:240 Resp: 236926
Ion Ratio Lower Upper
240 100
120 4.6 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: 102.891 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041282.D

Acq: 17 Jun 2019 22:13

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-A

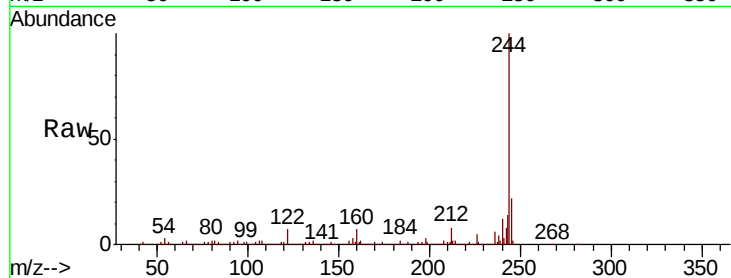
Tot Ion:244 Resp: 1230076

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	6.6	5.0	7.4

244 100

212 8.5 6.6 10.0

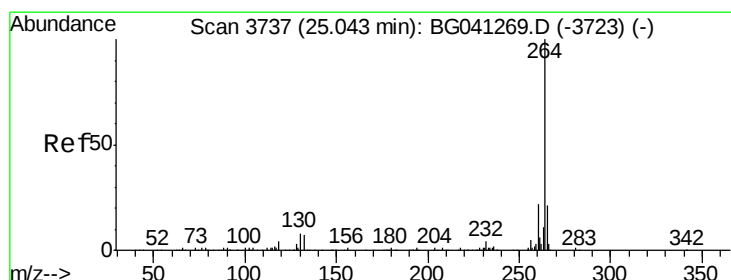
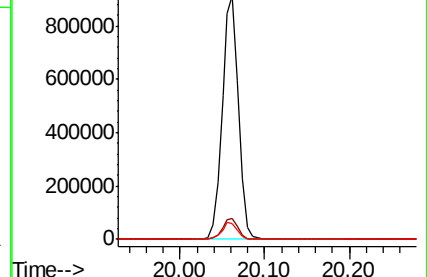
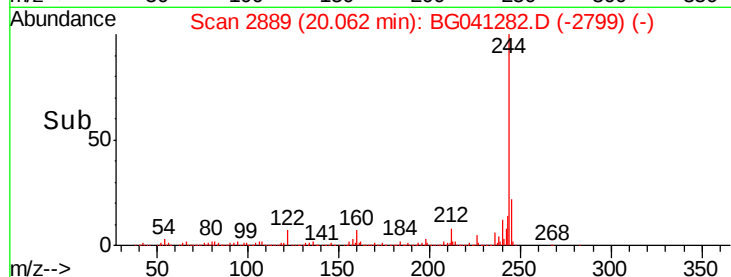
122 6.6 5.0 7.4



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: BG041282.D

Acq: 17 Jun 2019 22:13

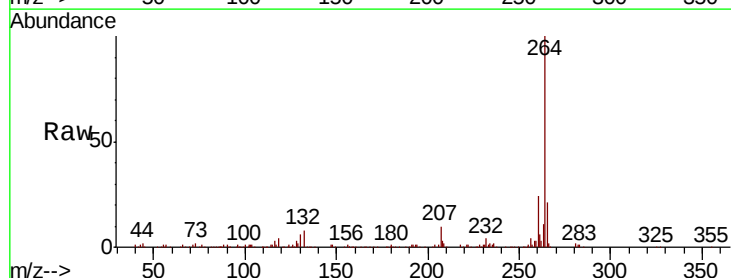
Tgt Ion:264 Resp: 250887

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	21.3	17.2	25.8

264 100

260 24.1 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

