

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041412.D
 Acq On : 22 Jun 2019 20:46
 Operator : HP/JU
 Sample : K3158-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019

Quant Time: Jun 24 03:43:57 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	8.05	152	24040	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	85142	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	59748	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	164268	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	221434	20.00	ng	-0.04
87) Perylene-d12	24.99	264	235484	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	157071	120.05	ng	-0.03
7) Phenol-d6	7.21	99	202833	106.95	ng	-0.03
23) Nitrobenzene-d5	9.23	82	174385	86.14	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	129141	140.79	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	396640	90.23	ng	-0.03
79) Terphenyl-d14	20.03	244	977937	87.52	ng	-0.03

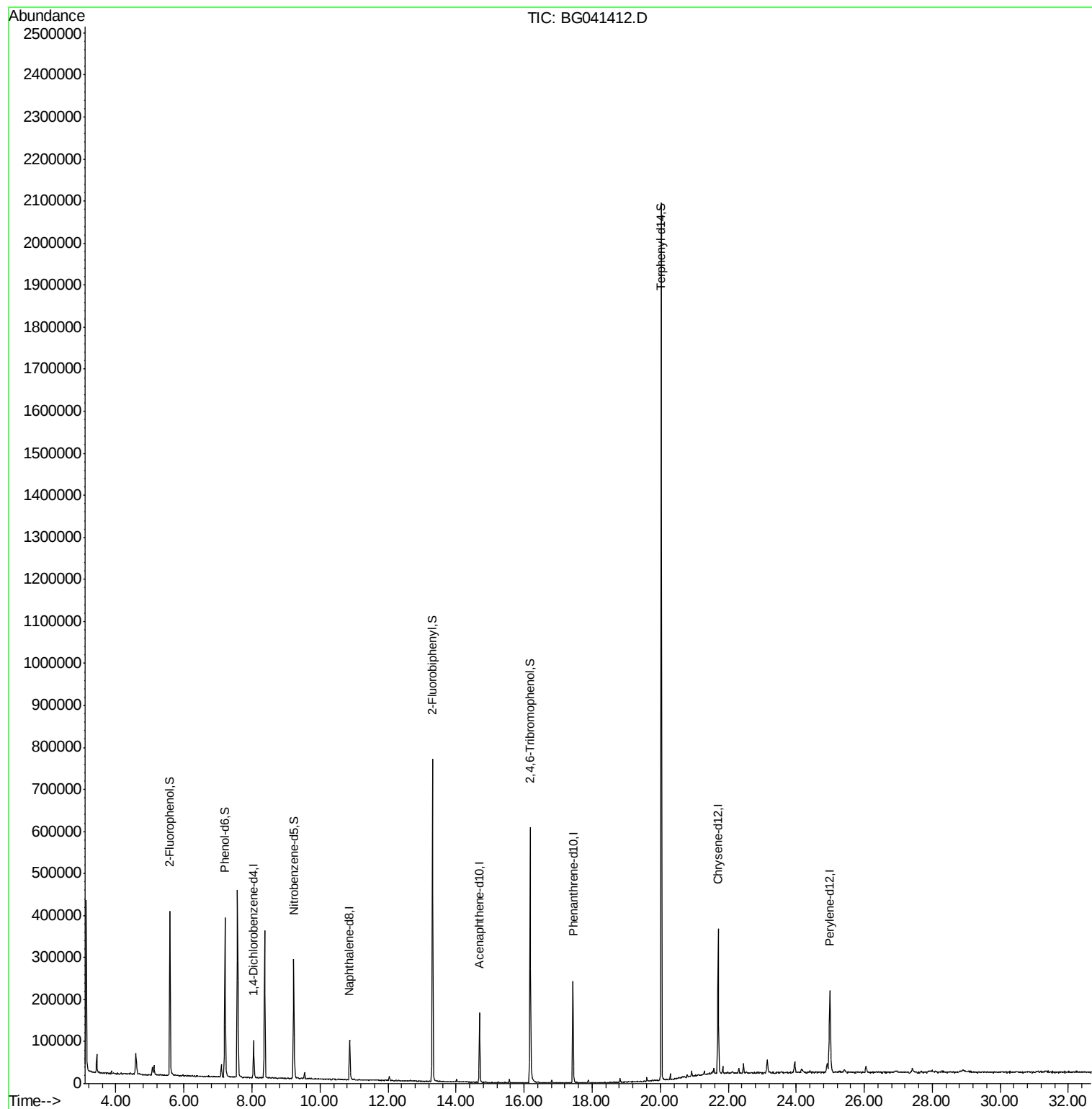
Target Compounds Qvalue

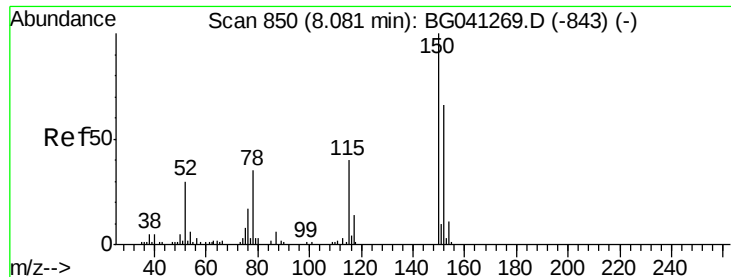
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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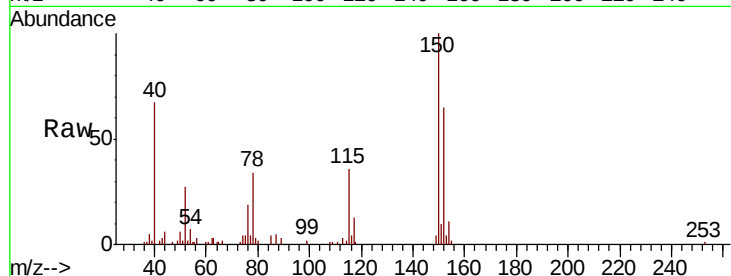


#1

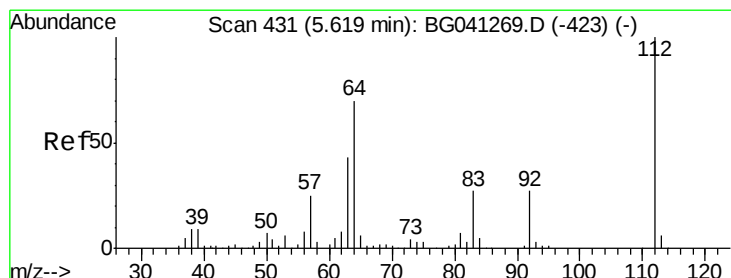
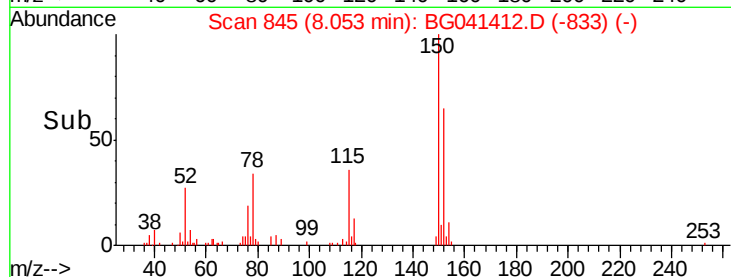
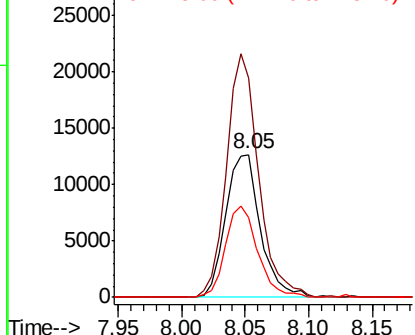
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041412.D
Acq: 22 Jun 2019 20:46

Instrument :
BNA_G
ClientSampleId :
OK-03-062019

Tot Ion:152 Resp: 24040
Ion Ratio Lower Upper
152 100
150 153.4 120.6 181.0
115 55.6 47.9 71.9



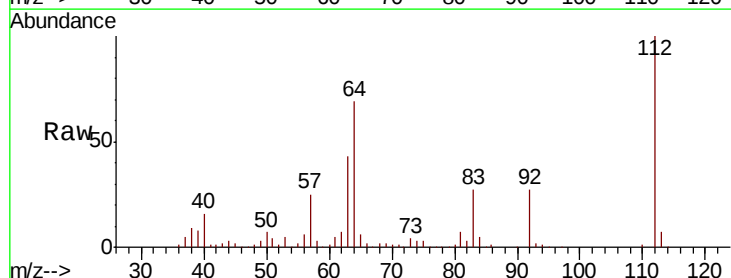
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



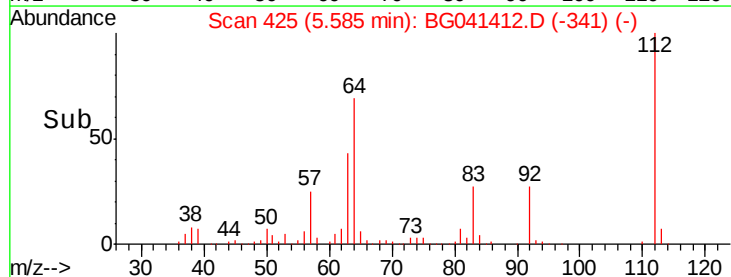
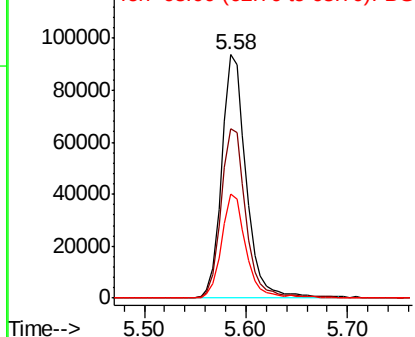
#5

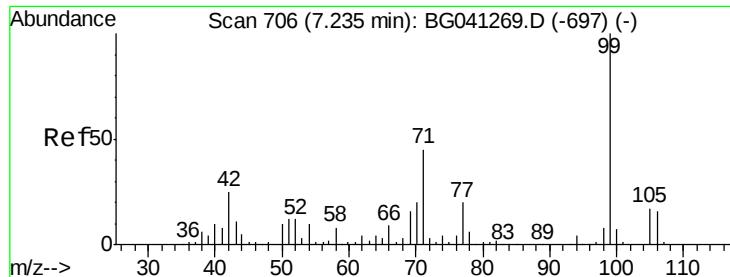
2-Fluorophenol
Concen: 120.052 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041412.D
Acq: 22 Jun 2019 20:46

Tgt Ion:112 Resp: 157071
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 43.0 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.952 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

OK-03-062019

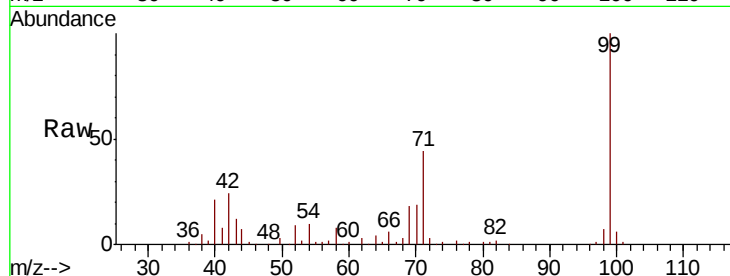
Tot Ion: 99 Resp: 202833

Ion Ratio Lower Upper

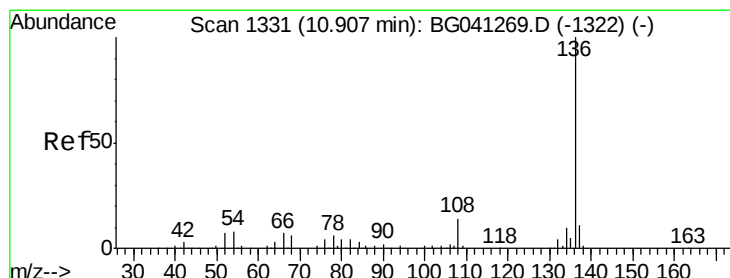
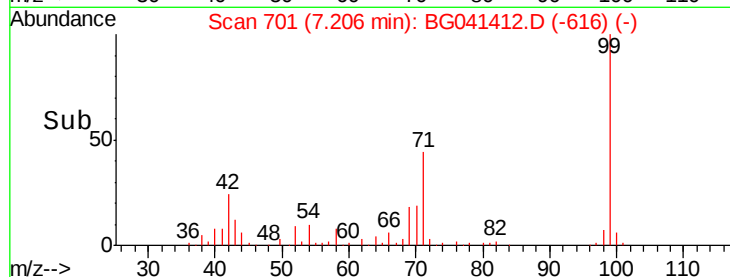
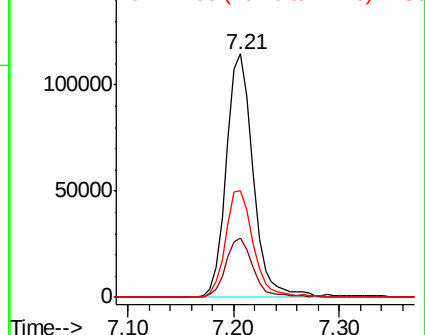
99 100

42 24.4 19.9 29.9

71 43.8 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: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

Tgt Ion: 136 Resp: 85142

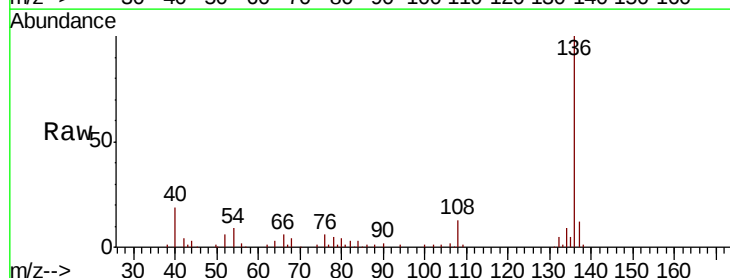
Ion Ratio Lower Upper

136 100

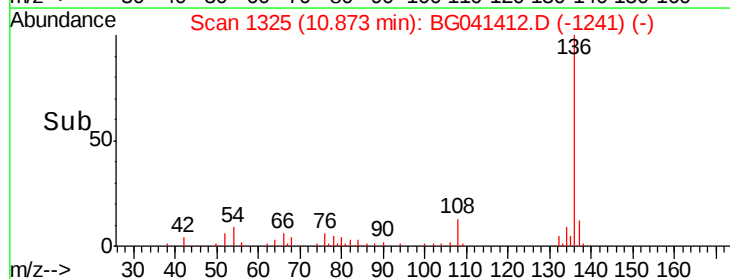
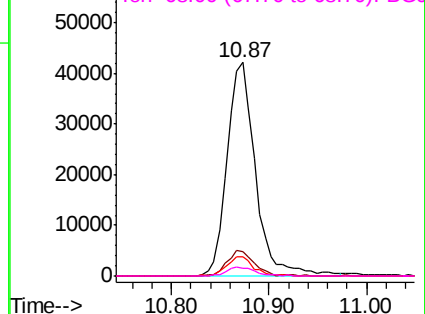
137 11.6 8.8 13.2

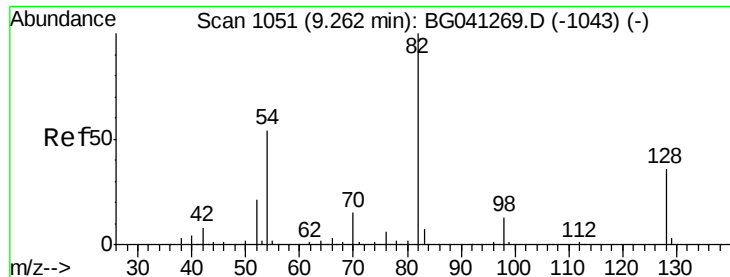
54 8.8 6.4 9.6

68 3.9 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

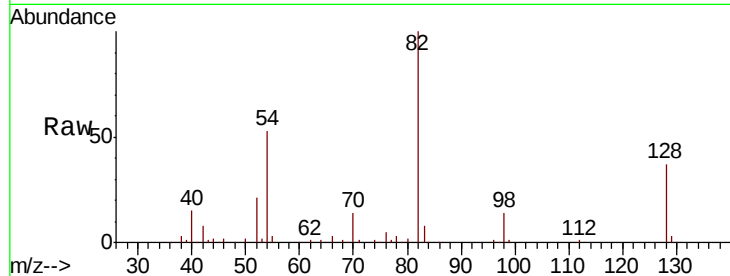




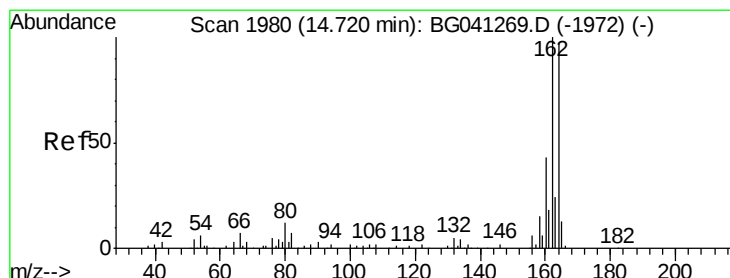
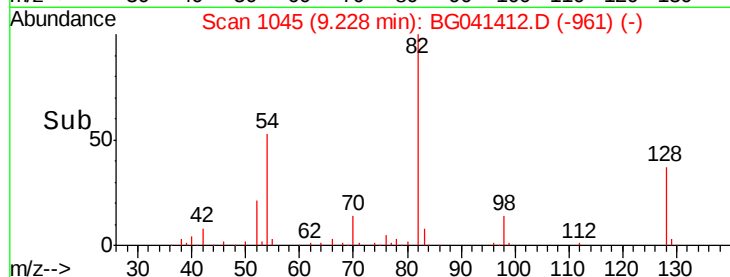
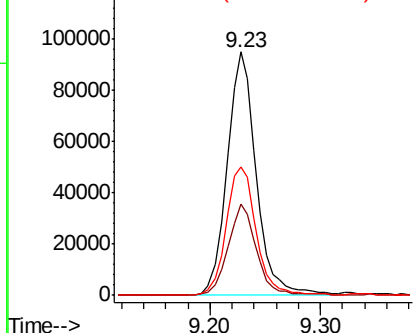
#23
 Nitrobenzene-d5
 Concen: 86.138 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041412.D
 Acq: 22 Jun 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019

Tot Ion	82	Resp	174385
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.2	43.8
54	52.8	43.4	65.0

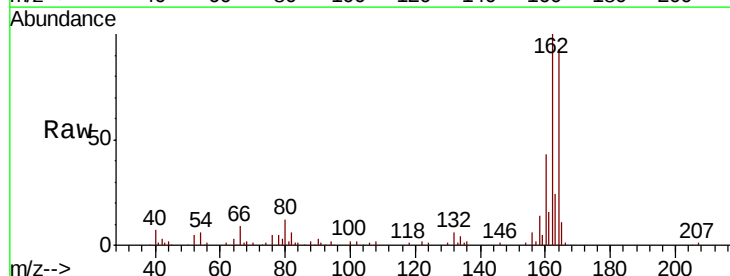


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

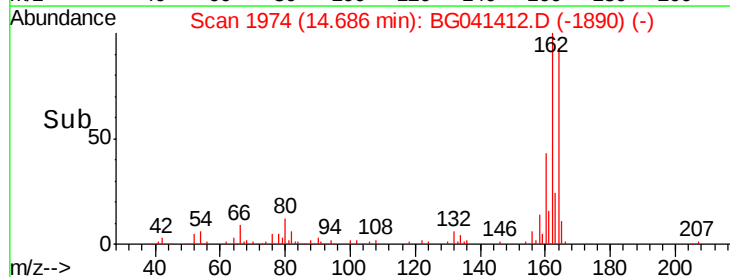
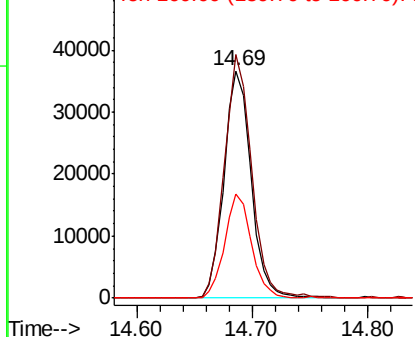


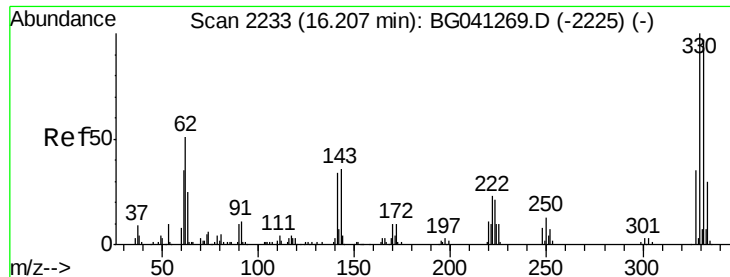
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041412.D
 Acq: 22 Jun 2019 20:46

Tgt Ion	164	Resp	59748
Ion Ratio	Lower	Upper	
164	100		
162	107.2	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

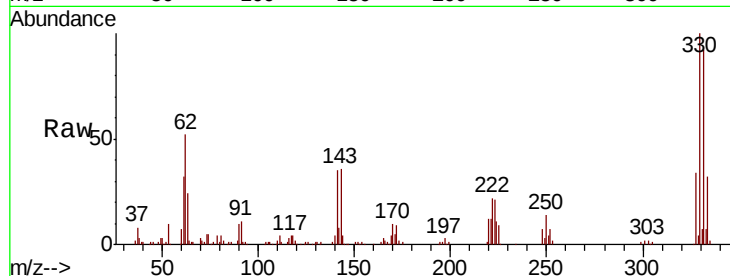




#42
 2,4,6-Tribromophenol
 Concen: 140.789 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.03 min
 Lab File: BG041412.D
 Acq: 22 Jun 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062019

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.5	113.3
141	36.0	29.0	43.4

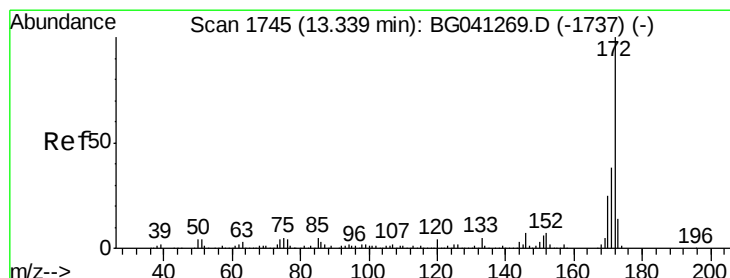
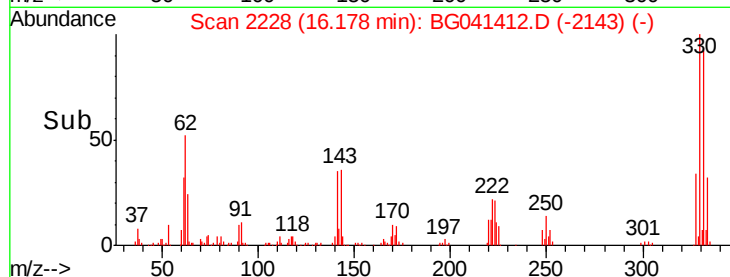
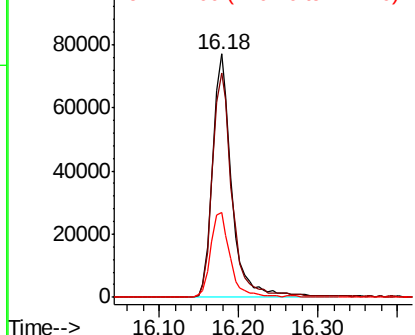


Abundance

Ion 329.80 (329.50 to 330.50): E

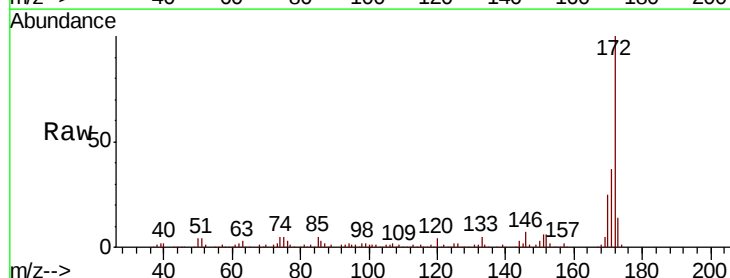
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.228 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041412.D
 Acq: 22 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.9	19.8	29.6

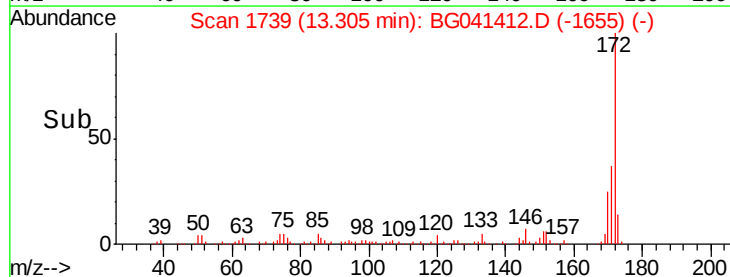
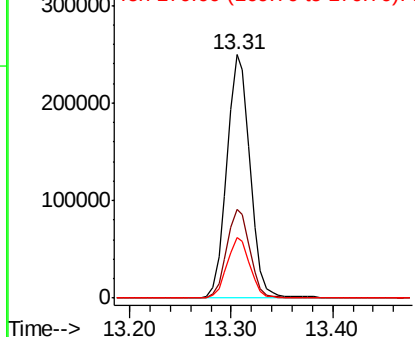


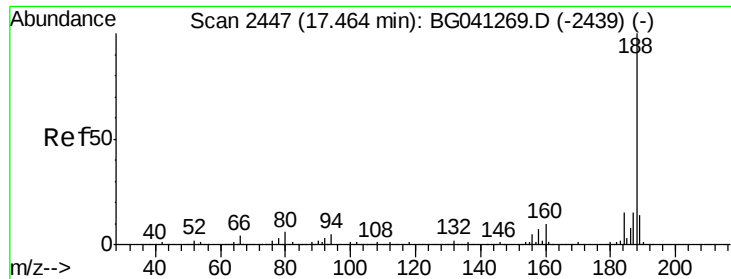
Abundance

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: 17.44 min Scan# 2442

Delta R.T. -0.03 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

OK-03-062019

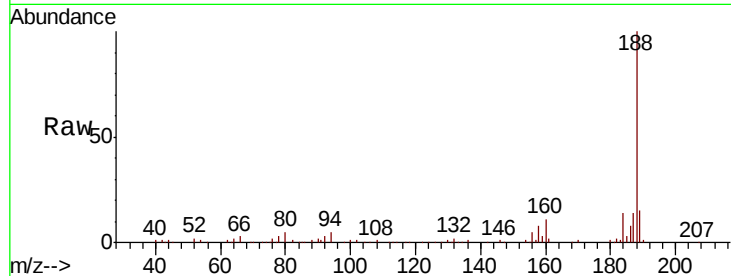
Tot Ion:188 Resp: 164268

Ion Ratio Lower Upper

188 100

94 5.4 3.6 5.4#

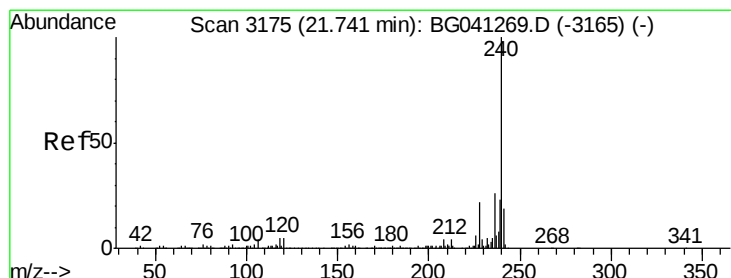
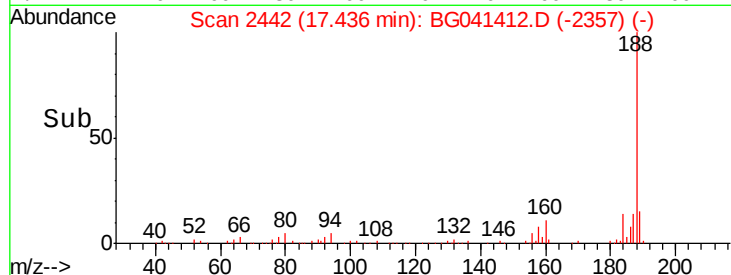
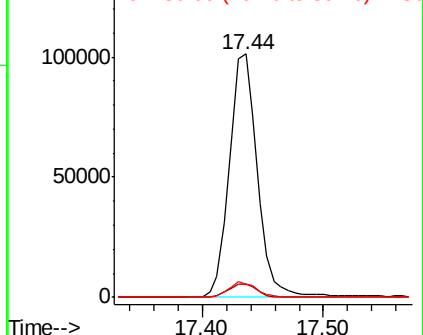
80 5.4 4.8 7.2



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: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

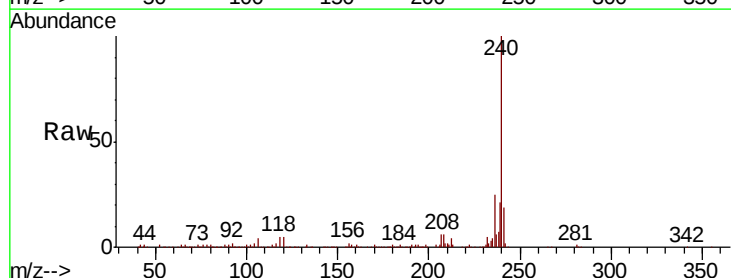
Tgt Ion:240 Resp: 221434

Ion Ratio Lower Upper

240 100

120 4.5 3.7 5.5

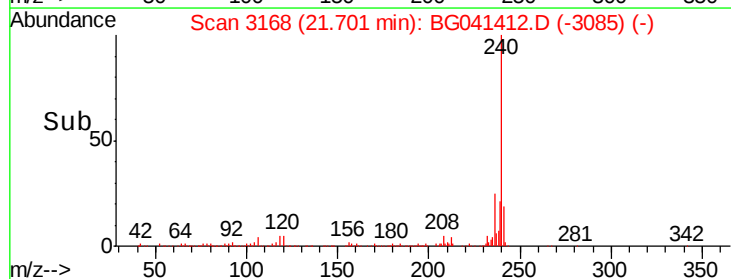
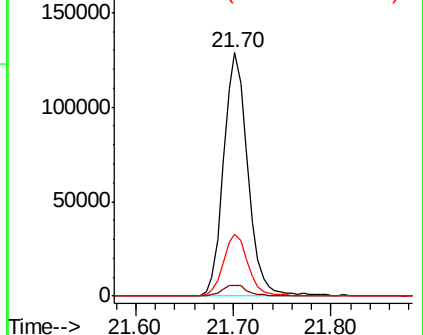
236 25.5 21.1 31.7

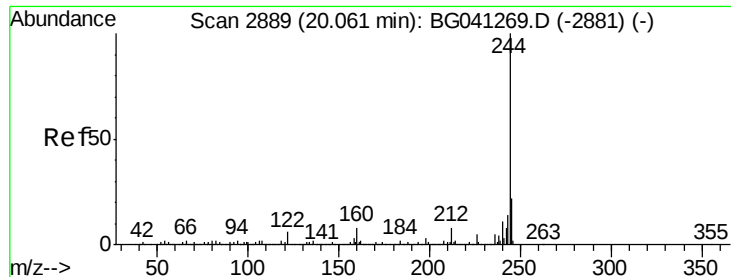


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.524 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

OK-03-062019

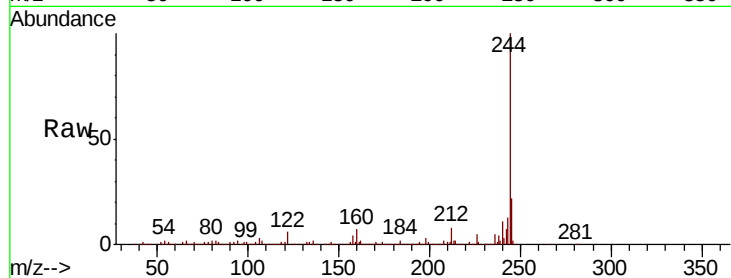
Tot Ion:244 Resp: 977937

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

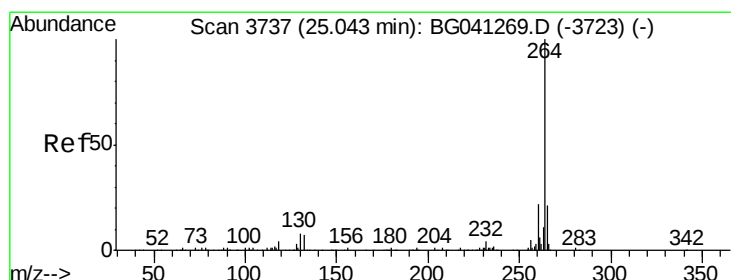
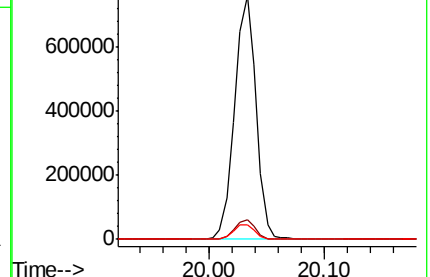
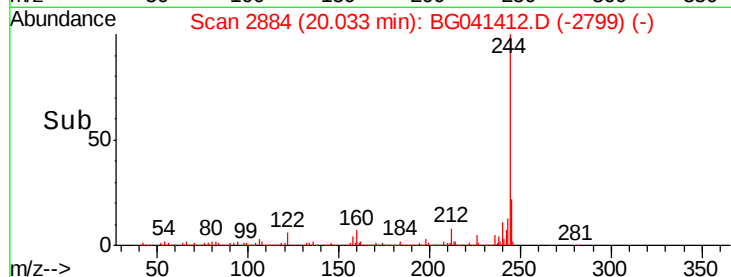
122 6.0 5.0 7.4



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: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041412.D

Acq: 22 Jun 2019 20:46

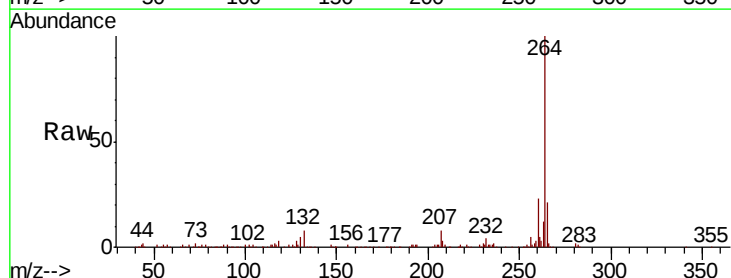
Tgt Ion:264 Resp: 235484

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.2

265 21.2 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

