

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041280.D
 Acq On : 17 Jun 2019 20:57
 Operator : HP/JU
 Sample : PB120628BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120628BL

Quant Time: Jun 18 07:59:04 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	43672	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172740	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	123624	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	301211	20.00	ng	0.00
76) Chrysene-d12	21.74	240	297309	20.00	ng	0.00
87) Perylene-d12	25.05	264	313571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	311204	130.93	ng	0.00
7) Phenol-d6	7.24	99	447982	130.03	ng	0.00
23) Nitrobenzene-d5	9.26	82	321772	78.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	228279	120.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	754387	82.94	ng	0.00
79) Terphenyl-d14	20.06	244	1263766	84.24	ng	0.00

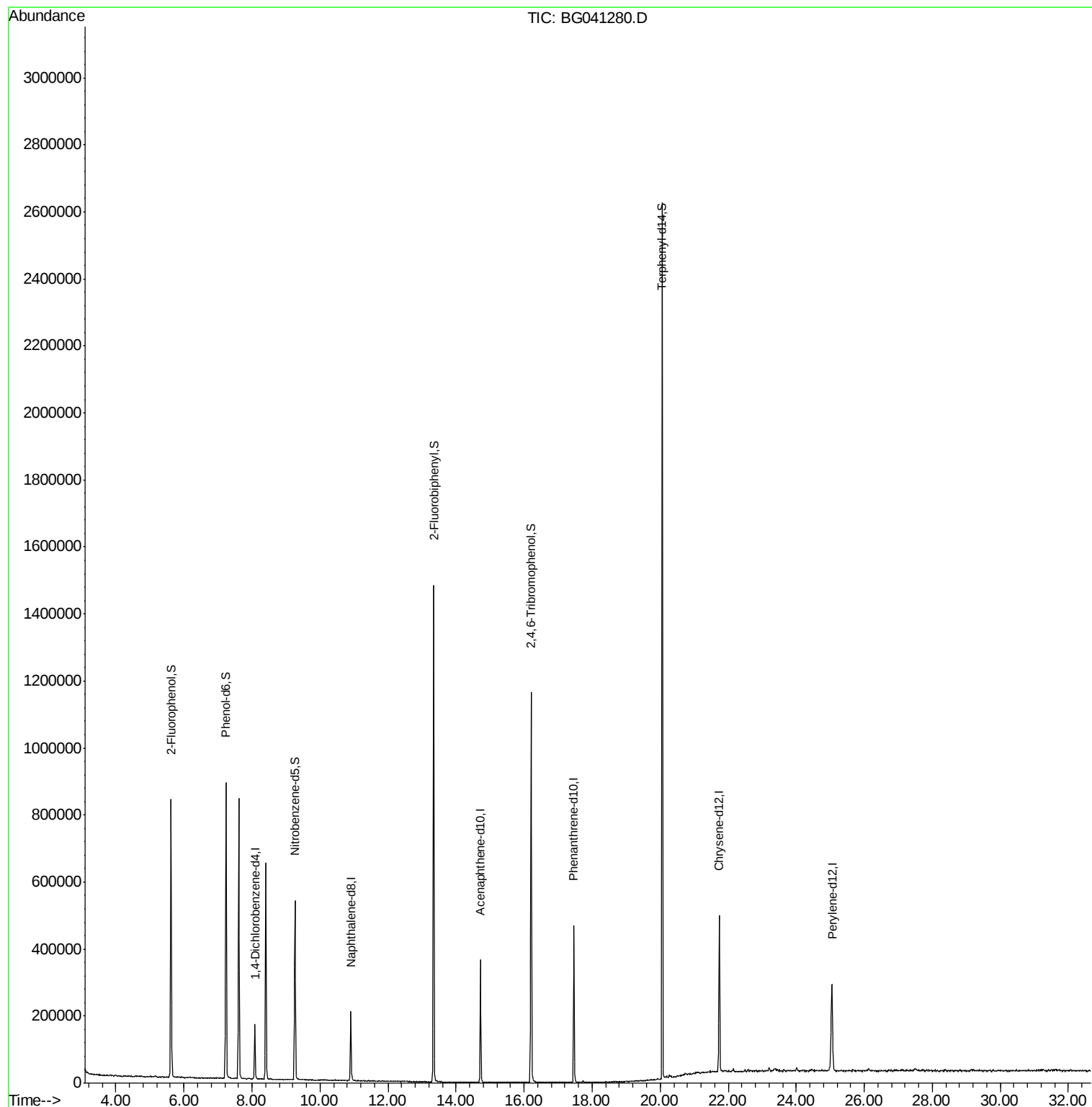
Target Compounds Qvalue

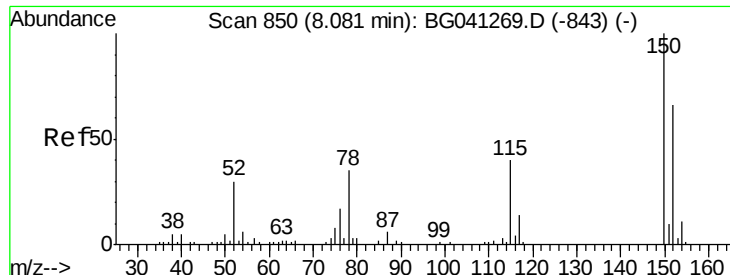
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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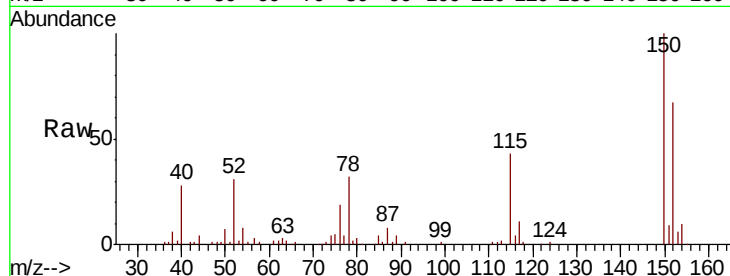


#1

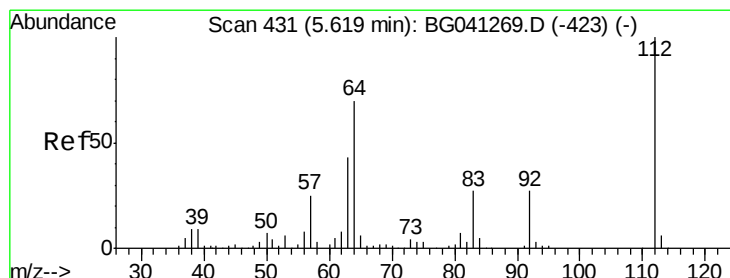
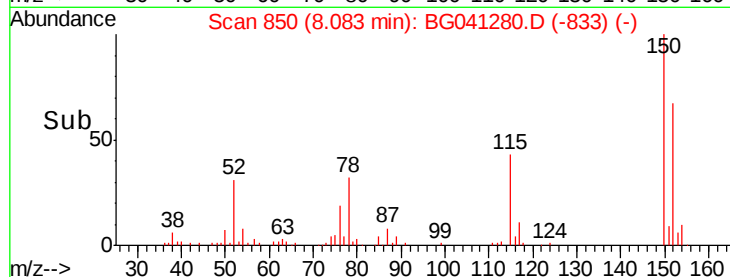
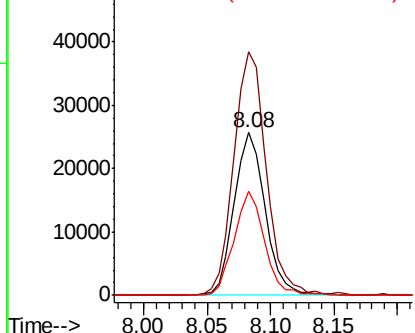
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041280.D
 Acq: 17 Jun 2019 20:57

Instrument :
 BNA_G
 ClientSampleId :
 PB120628BL

Tot Ion:152 Resp: 43672
 Ion Ratio Lower Upper
 152 100
 150 149.6 120.6 181.0
 115 63.7 47.9 71.9



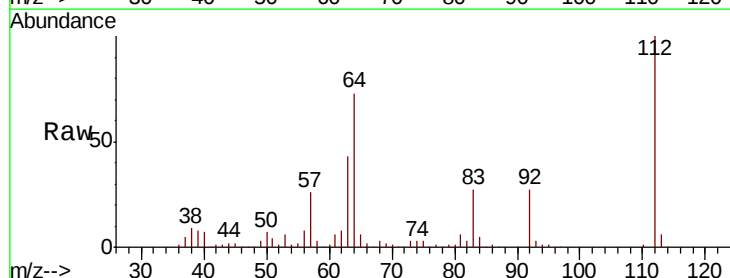
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



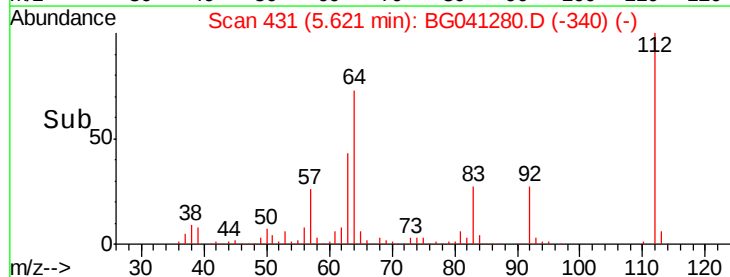
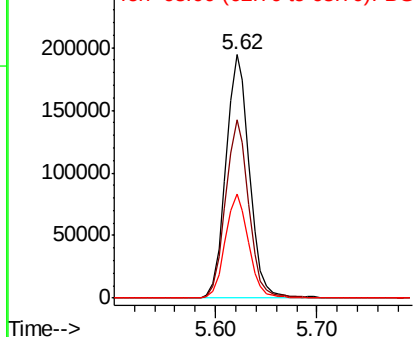
#5

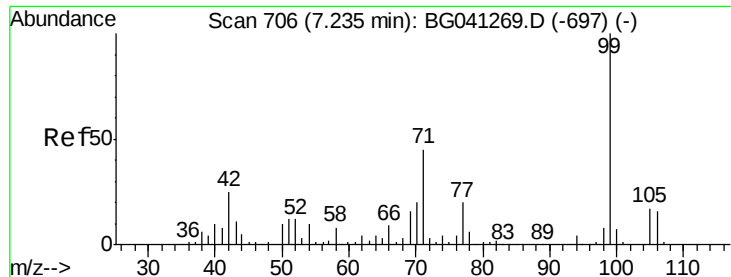
2-Fluorophenol
 Concen: 130.933 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG041280.D
 Acq: 17 Jun 2019 20:57

Tgt Ion:112 Resp: 311204
 Ion Ratio Lower Upper
 112 100
 64 73.3 55.9 83.9
 63 42.9 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: 130.030 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041280.D

Acq: 17 Jun 2019 20:57

Instrument :

BNA_G

ClientSampleId :

PB120628BL

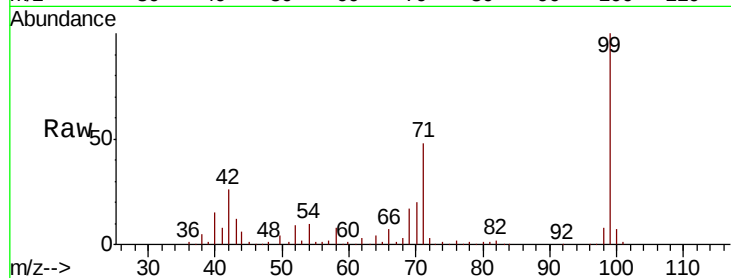
Tot Ion: 99 Resp: 447982

Ion Ratio Lower Upper

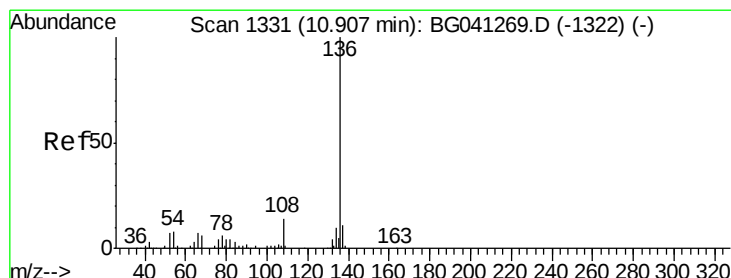
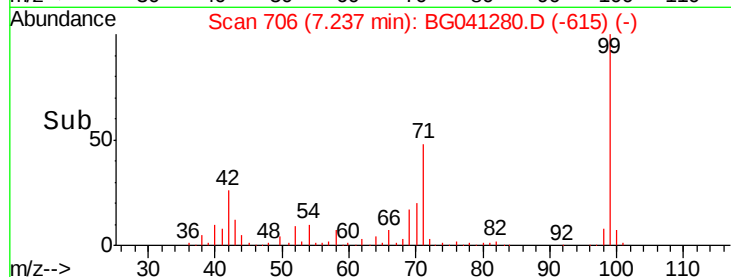
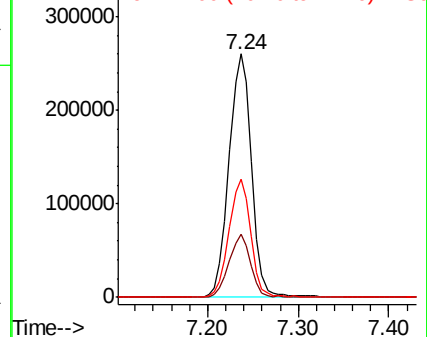
99 100

42 25.8 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: BG041280.D

Acq: 17 Jun 2019 20:57

Tgt Ion: 136 Resp: 172740

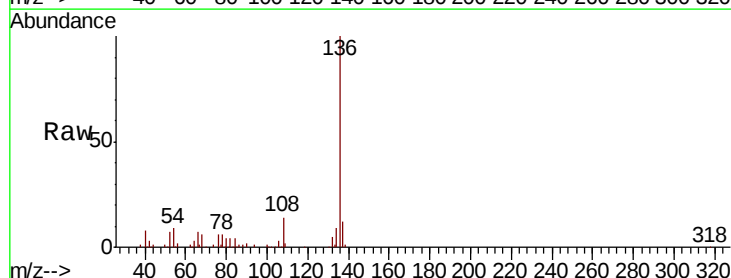
Ion Ratio Lower Upper

136 100

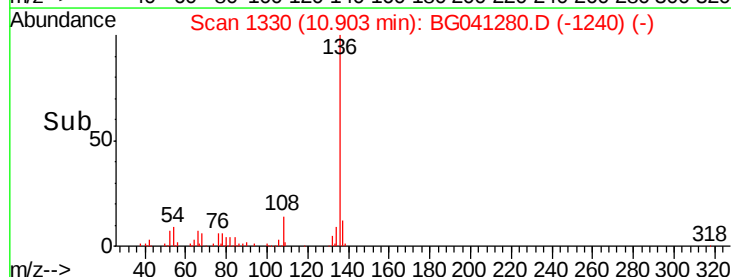
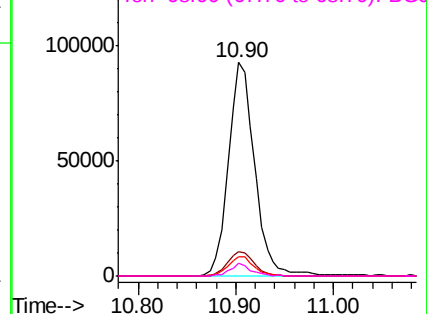
137 11.5 8.8 13.2

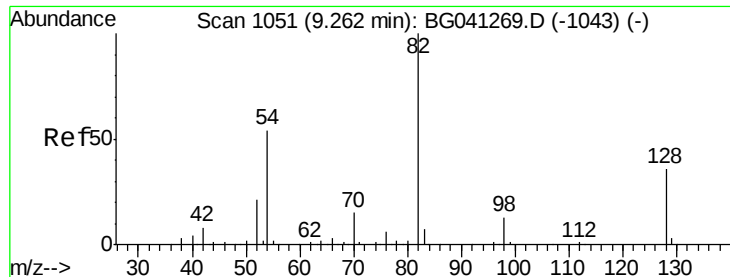
54 8.9 6.4 9.6

68 5.9 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

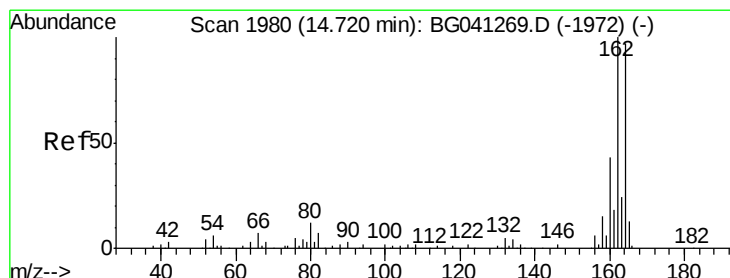
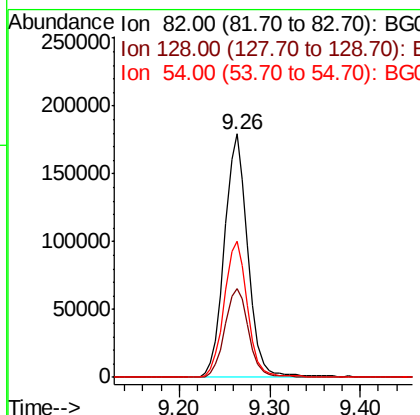
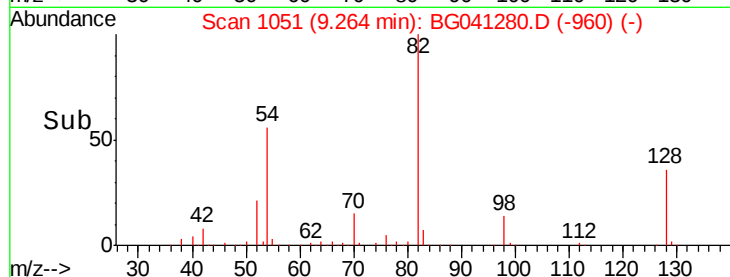
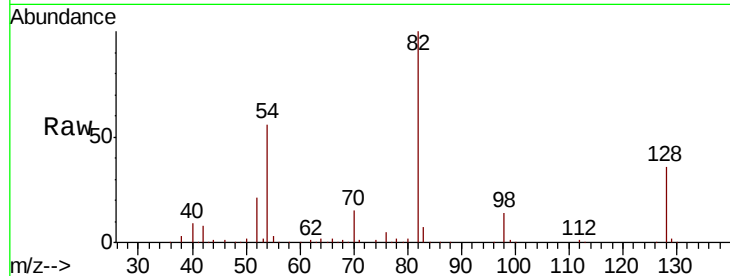




#23
 Nitrobenzene-d5
 Concen: 78.340 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041280.D
 Acq: 17 Jun 2019 20:57

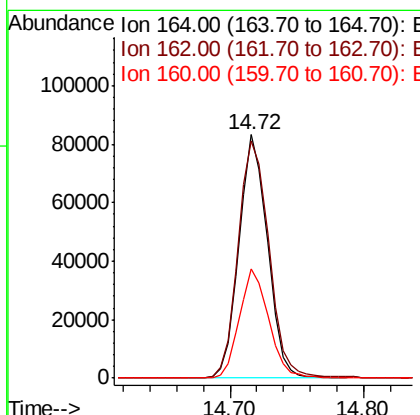
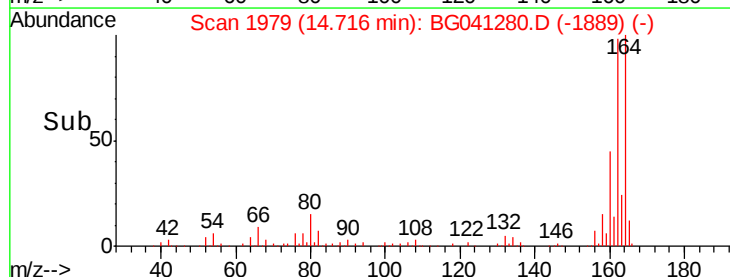
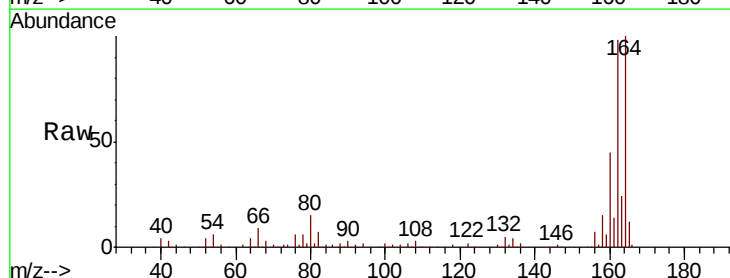
Instrument :
 BNA_G
 ClientSampleId :
 PB120628BL

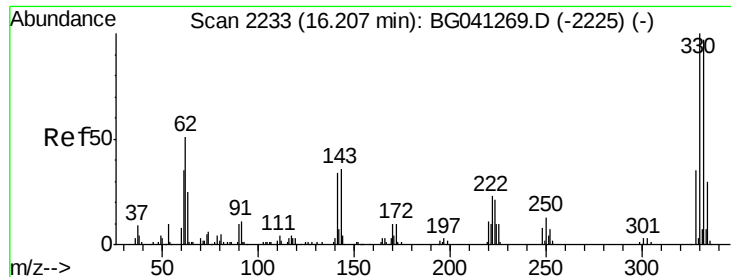
Tot Ion	82	Resp	321772
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.2	43.8
54	56.1	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041280.D
 Acq: 17 Jun 2019 20:57

Tgt Ion	164	Resp	123624
Ion Ratio	Lower	Upper	
164	100		
162	97.6	82.8	124.2
160	44.8	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 120.280 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041280.D

Acq: 17 Jun 2019 20:57

Instrument :

BNA_G

ClientSampleId :

PB120628BL

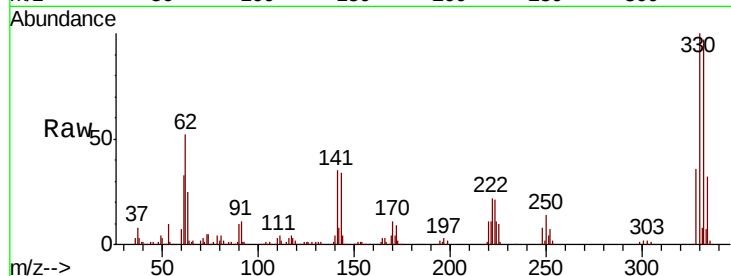
Tot Ion:330 Resp: 228279

Ion Ratio Lower Upper

330 100

332 95.2 75.5 113.3

141 36.0 29.0 43.4

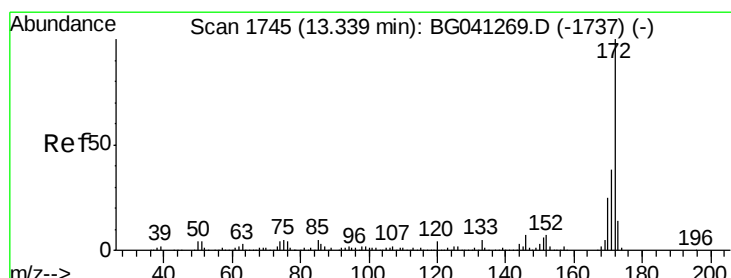
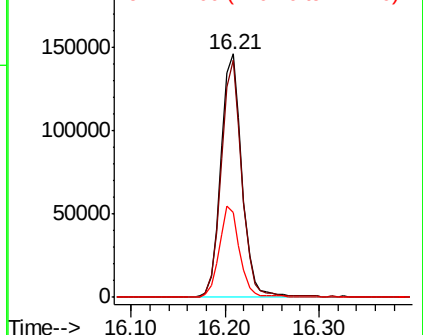
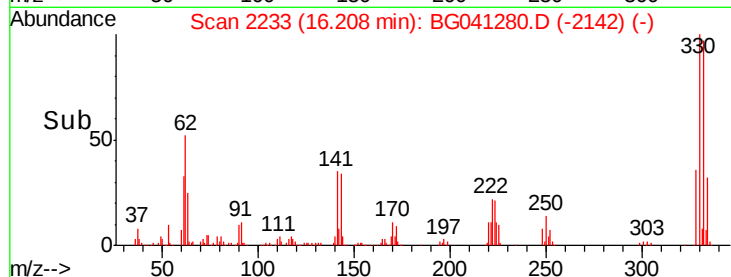


Abundance

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: 82.939 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041280.D

Acq: 17 Jun 2019 20:57

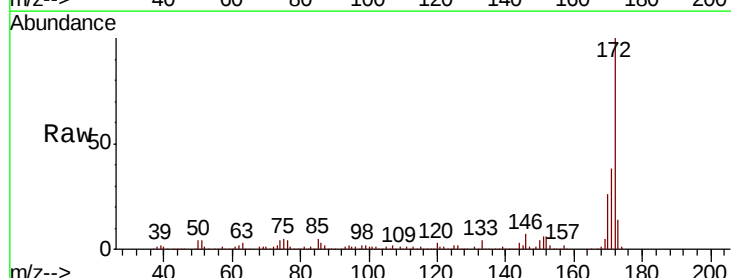
Tgt Ion:172 Resp: 754387

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

170 26.1 19.8 29.6

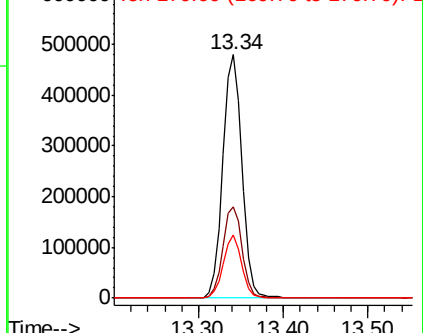
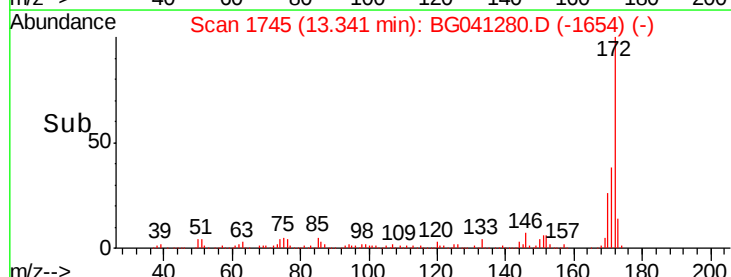


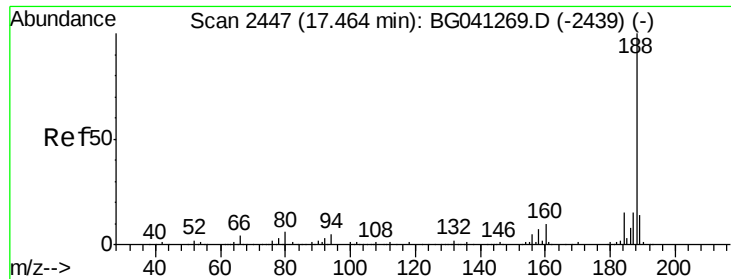
Abundance

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: BG041280.D

Acq: 17 Jun 2019 20:57

Instrument :

BNA_G

ClientSampled :

PB120628BL

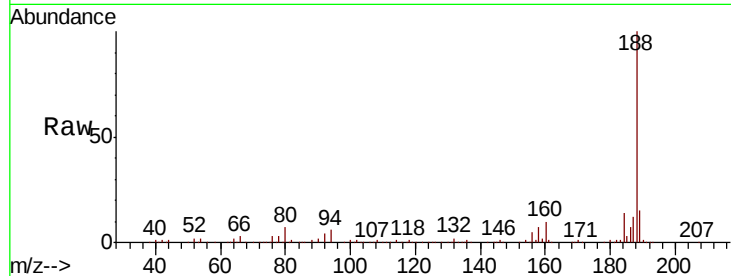
Tot Ion:188 Resp: 301211

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

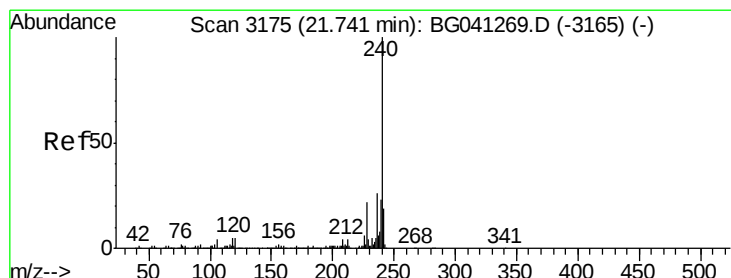
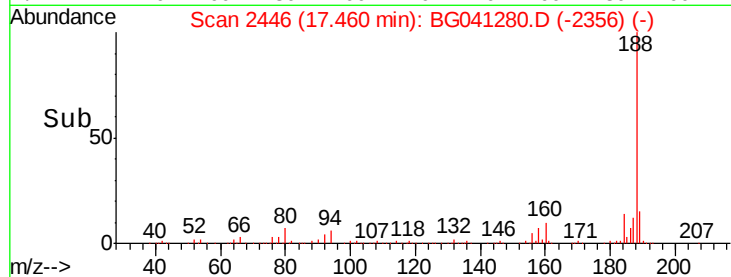
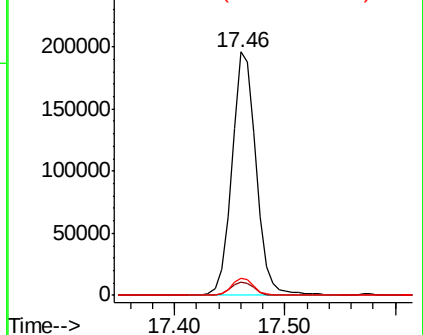
80 7.1 4.8 7.2



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: BG041280.D

Acq: 17 Jun 2019 20:57

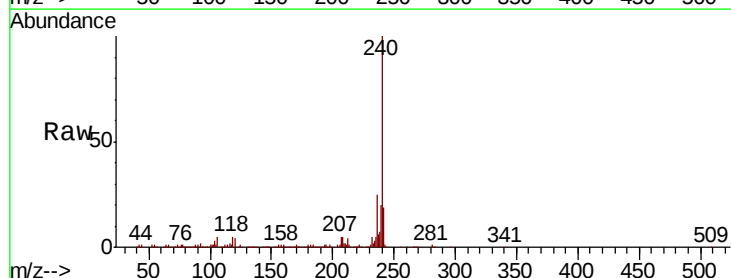
Tgt Ion:240 Resp: 297309

Ion Ratio Lower Upper

240 100

120 4.3 3.7 5.5

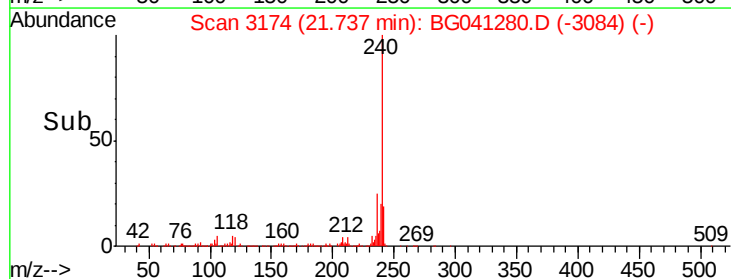
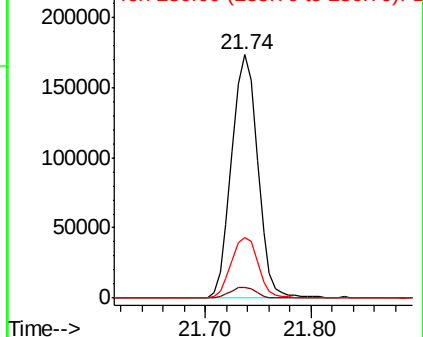
236 25.0 21.1 31.7

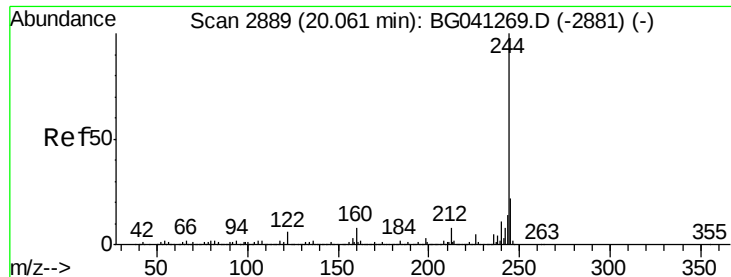


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.240 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041280.D

Acq: 17 Jun 2019 20:57

Instrument :

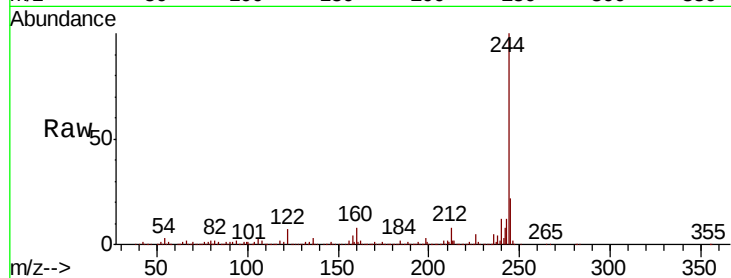
BNA_G

ClientSampleId :

PB120628BL

Tot Ion:244 Resp: 1263766

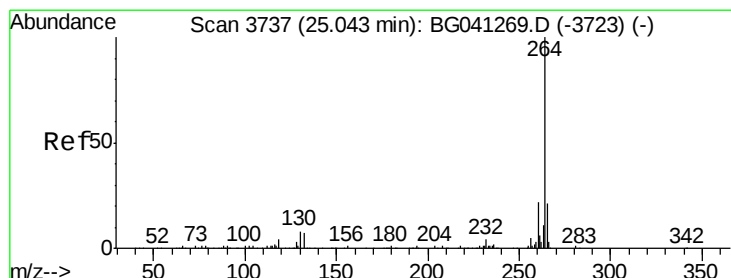
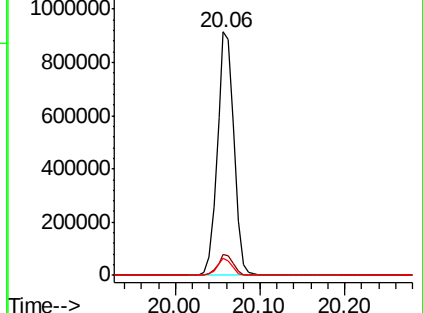
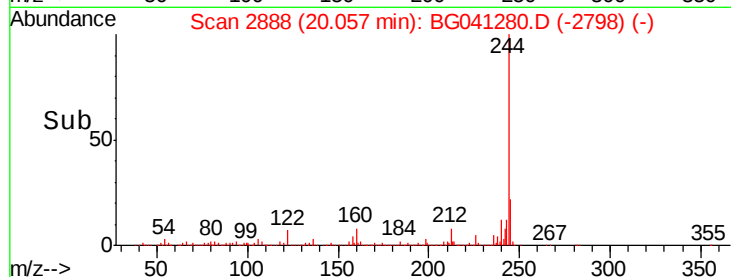
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.9	5.0	7.4



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

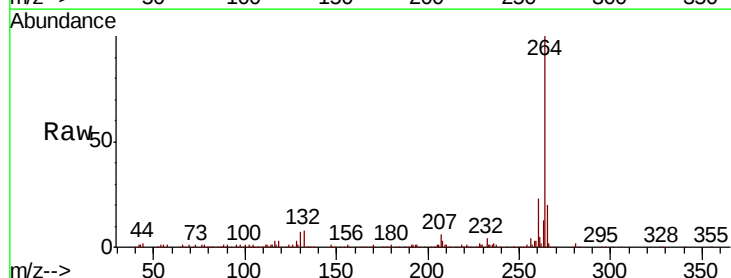
Delta R.T. 0.00 min

Lab File: BG041280.D

Acq: 17 Jun 2019 20:57

Tgt Ion:264 Resp: 313571

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.2
265	19.6	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

