

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041317.D
 Acq On : 19 Jun 2019 4:51
 Operator : HP/JU
 Sample : K3157-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-A

Quant Time: Jun 19 07:46:03 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	36624	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	141966	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	103363	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	253874	20.00	ng	0.00
76) Chrysene-d12	21.74	240	263974	20.00	ng	0.00
87) Perylene-d12	25.05	264	273847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	270987	135.95	ng	0.00
7) Phenol-d6	7.23	99	329794	114.15	ng	0.00
23) Nitrobenzene-d5	9.26	82	335752	99.46	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	226895	142.98	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	747738	98.32	ng	0.00
79) Terphenyl-d14	20.06	244	1340929	100.67	ng	0.00

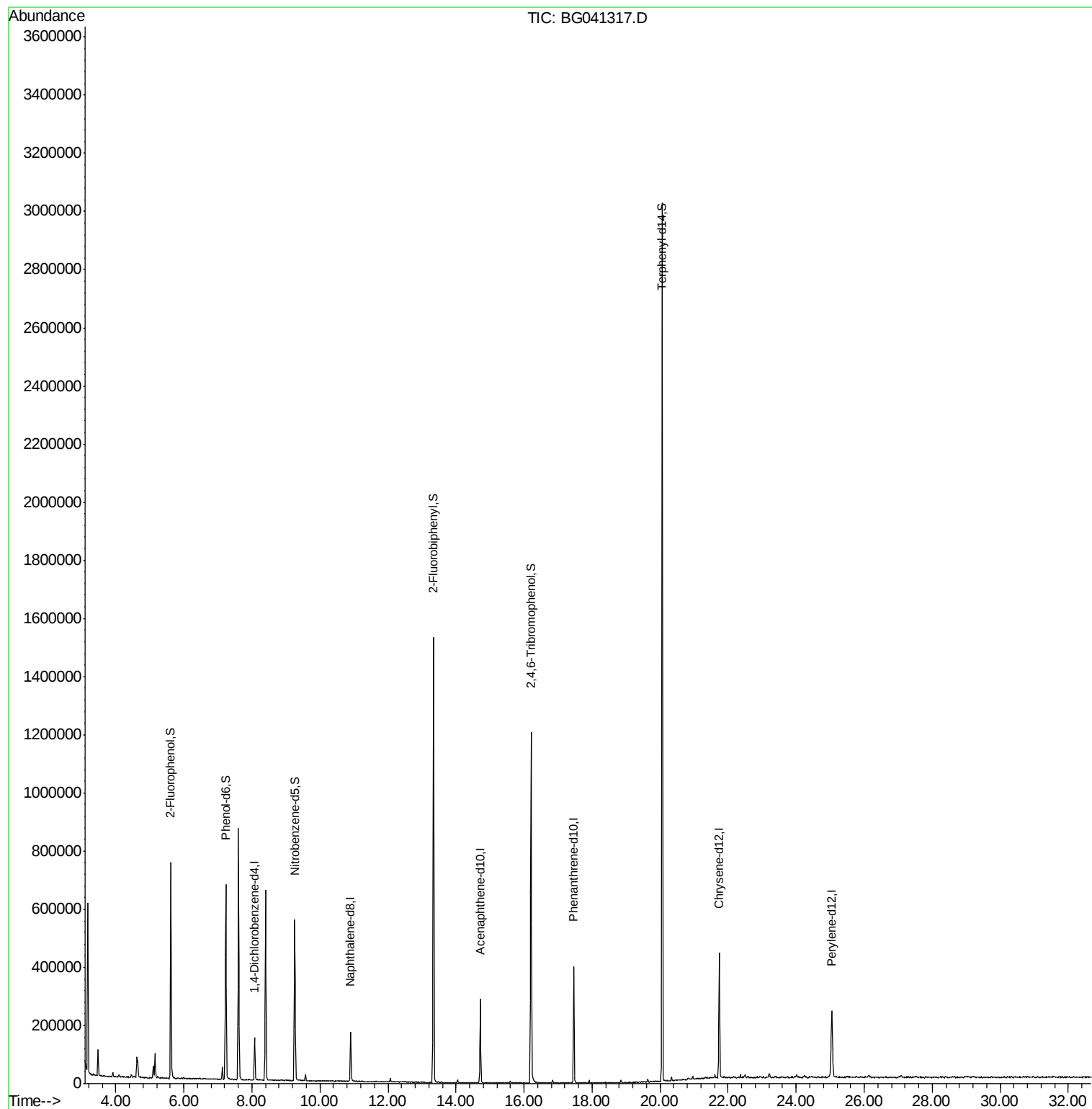
Target Compounds Qvalue

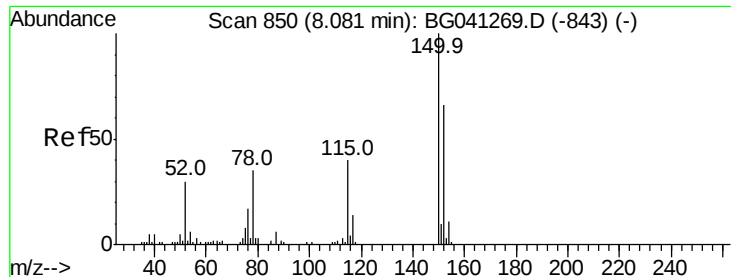
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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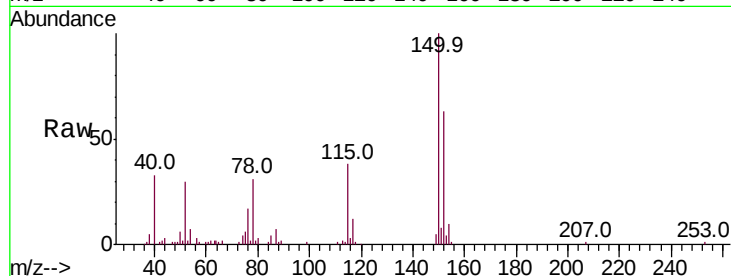


#1

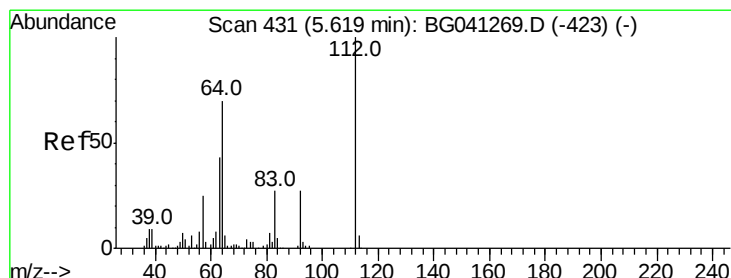
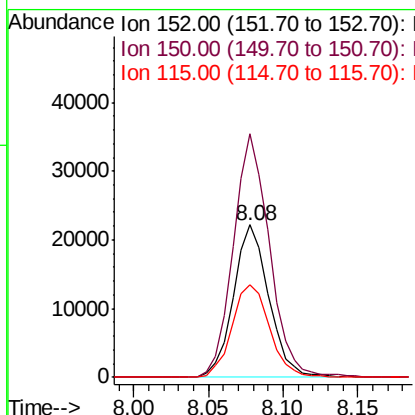
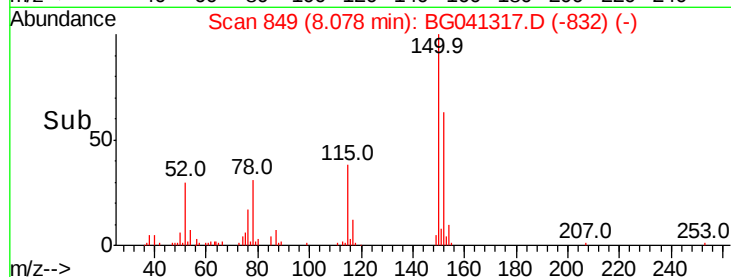
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-A

Tot Ion:152 Resp: 36624
Ion Ratio Lower Upper
152 100
150 159.5 120.6 181.0
115 61.0 47.9 71.9



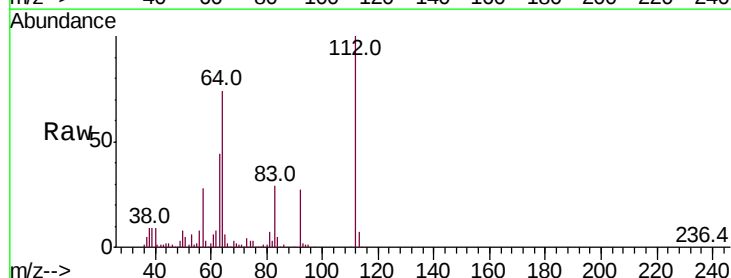
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



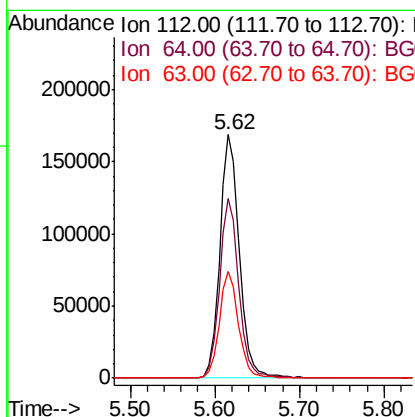
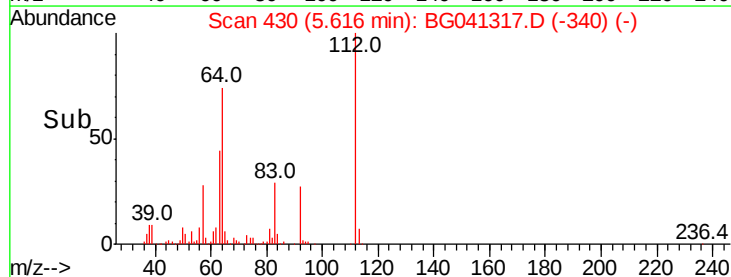
#5

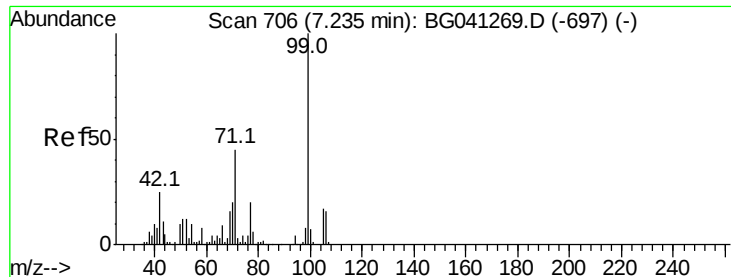
2-Fluorophenol
Concen: 135.953 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Tgt Ion:112 Resp: 270987
Ion Ratio Lower Upper
112 100
64 74.0 55.9 83.9
63 43.6 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: 114.147 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041317.D

Acq: 19 Jun 2019 4:51

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-A

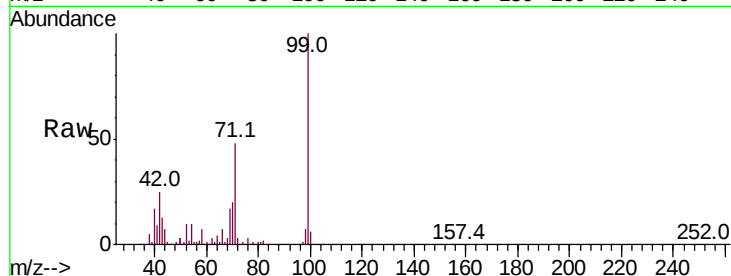
Tot Ion: 99 Resp: 329794

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

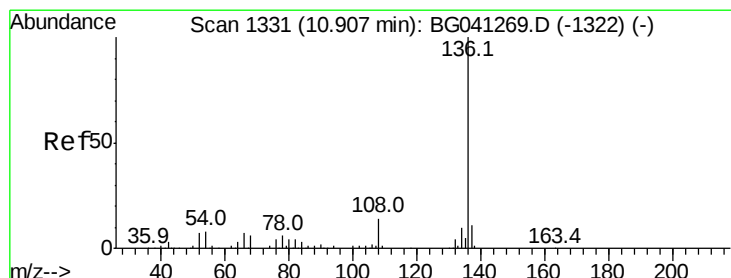
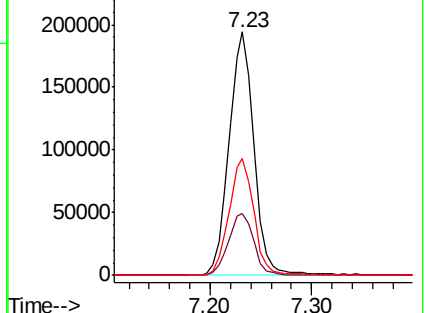
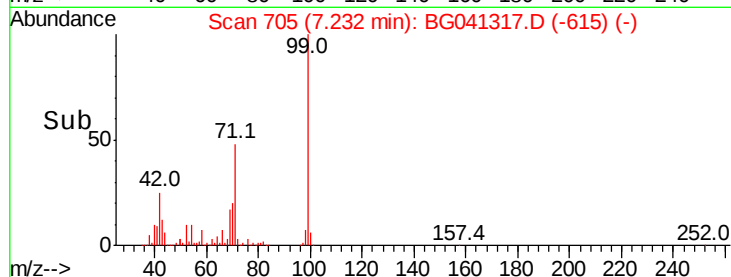
71 48.1 36.4 54.6



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# 1329

Delta R.T. -0.01 min

Lab File: BG041317.D

Acq: 19 Jun 2019 4:51

Tgt Ion: 136 Resp: 141966

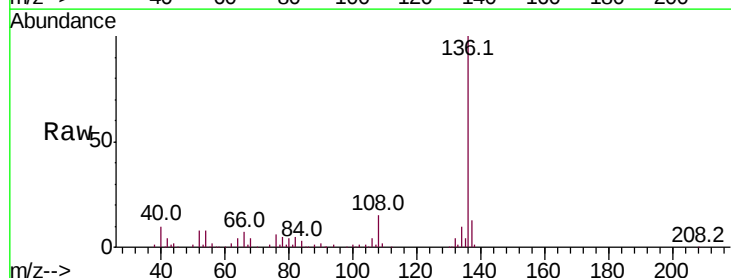
Ion Ratio Lower Upper

136 100

137 13.2 8.8 13.2#

54 8.3 6.4 9.6

68 4.0 4.8 7.2#

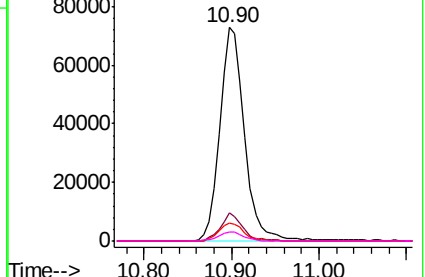
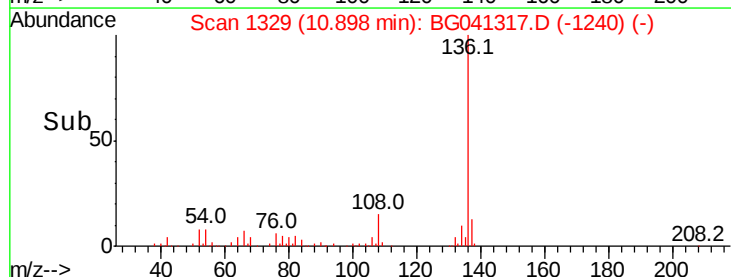


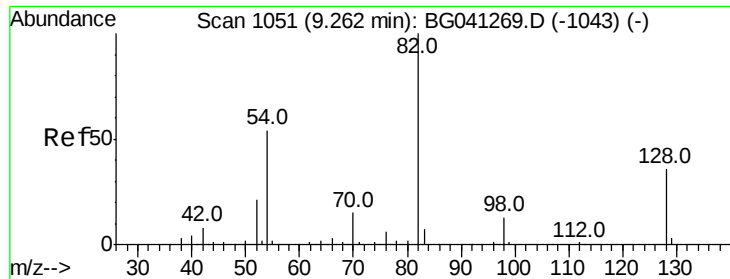
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

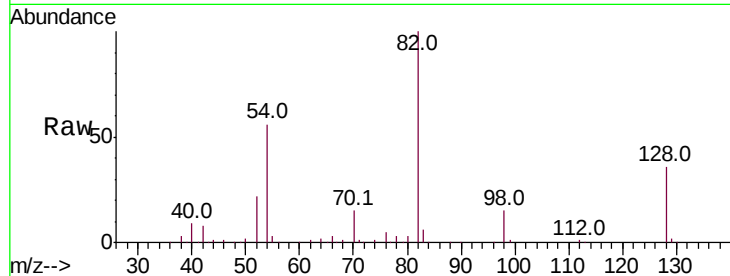




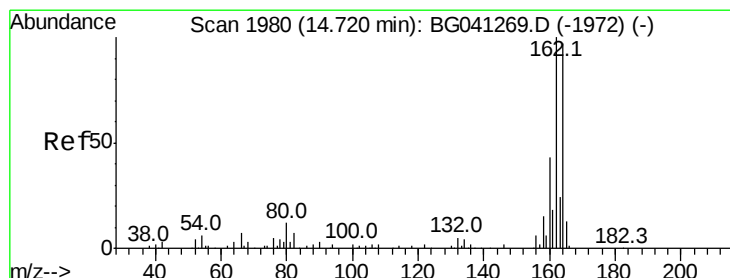
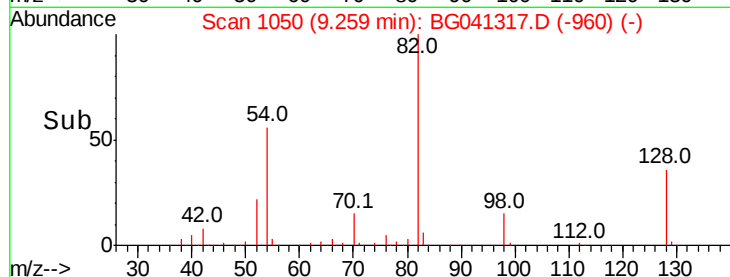
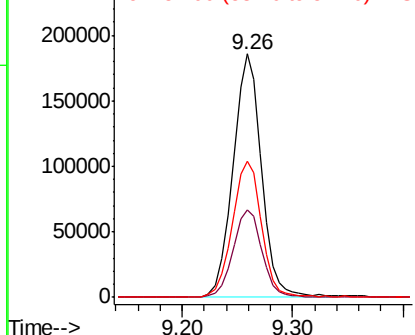
#23
Nitrobenzene-d5
Concen: 99.464 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.2	43.8
54	56.1	43.4	65.0

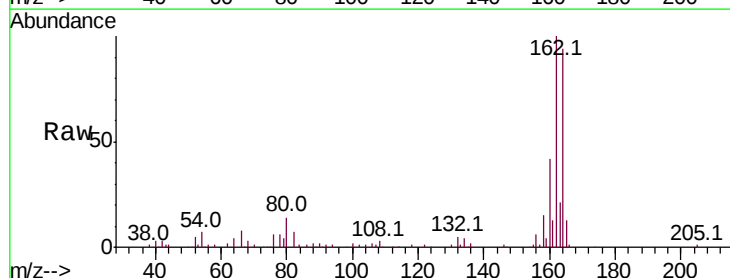


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

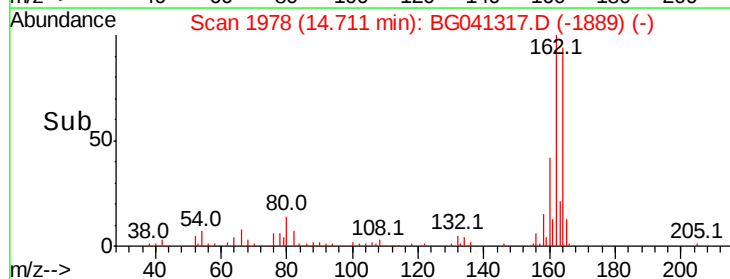
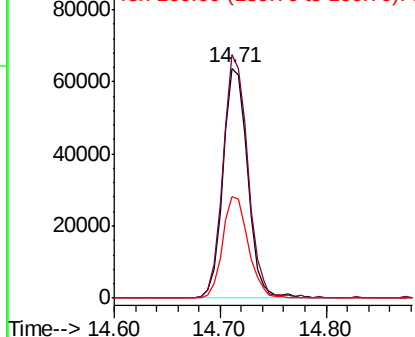


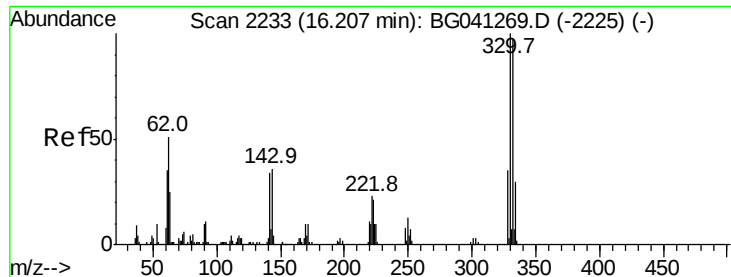
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.8	124.2
160	44.0	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

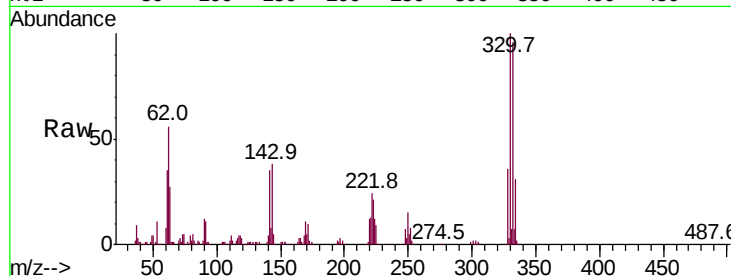




#42
 2,4,6-Tribromophenol
 Concen: 142.984 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041317.D
 Acq: 19 Jun 2019 4:51

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.5	113.3
141	37.1	29.0	43.4

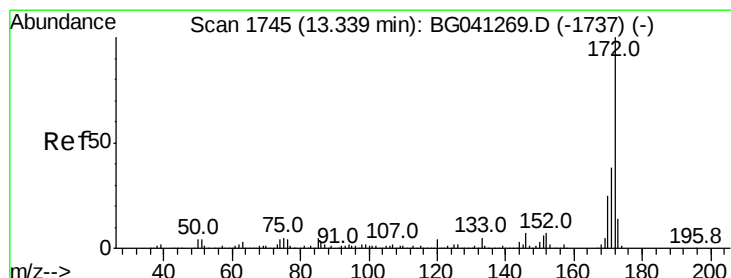
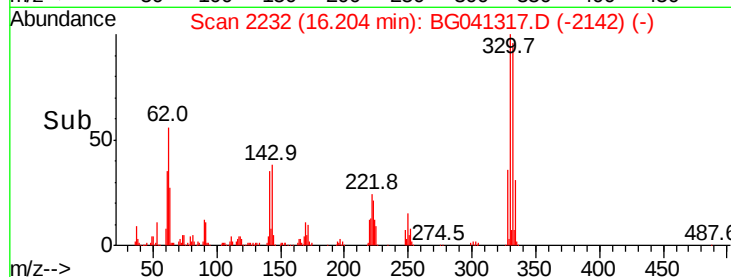
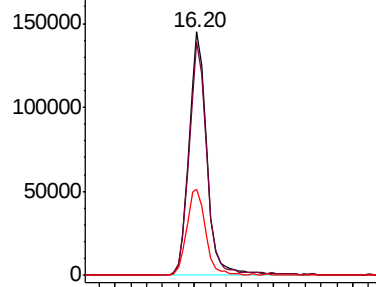


Abundance

Ion 329.80 (329.50 to 330.50): E

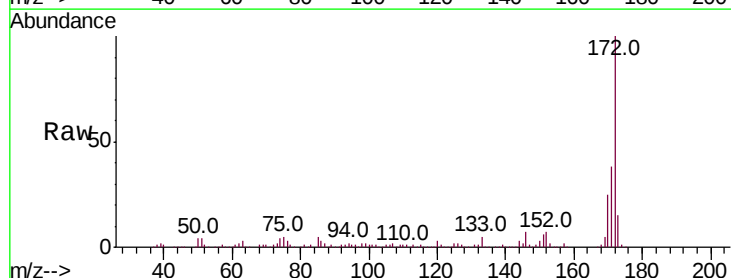
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.323 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041317.D
 Acq: 19 Jun 2019 4:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.4	19.8	29.6

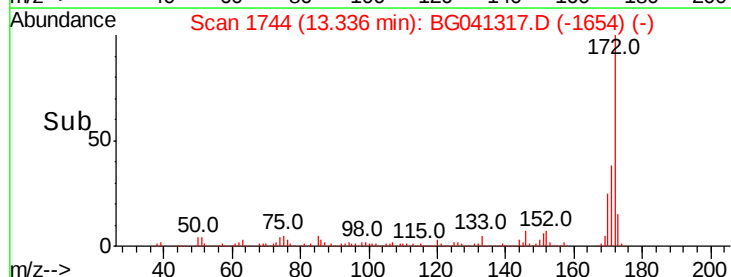
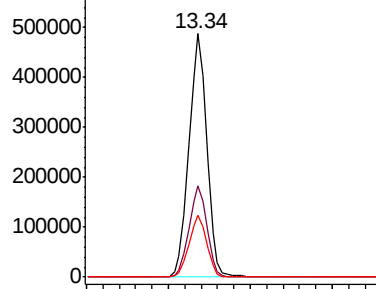


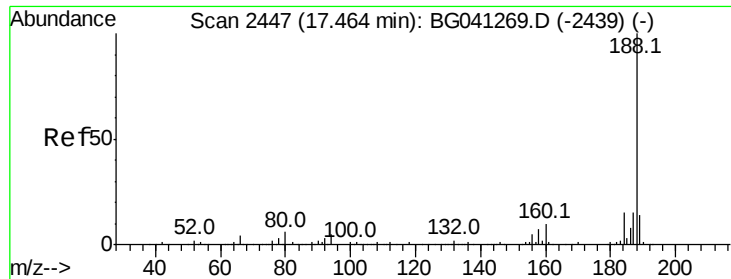
Abundance

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

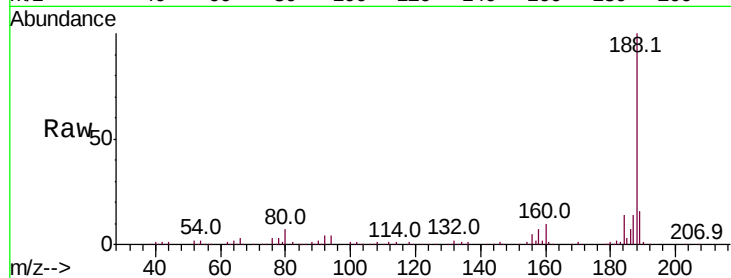




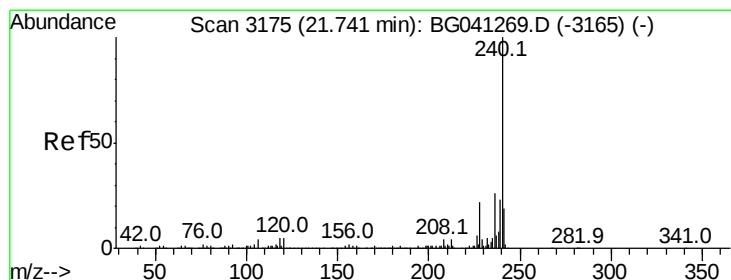
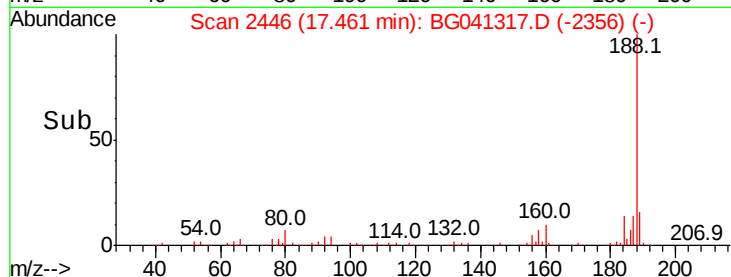
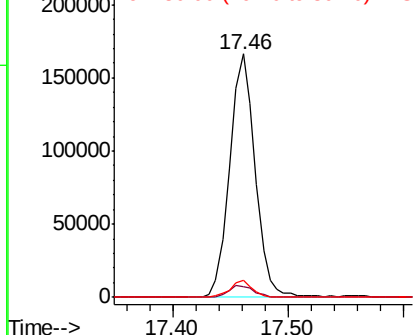
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-A

Tot Ion:188 Resp: 253874
Ion Ratio Lower Upper
188 100
94 4.5 3.6 5.4
80 7.1 4.8 7.2

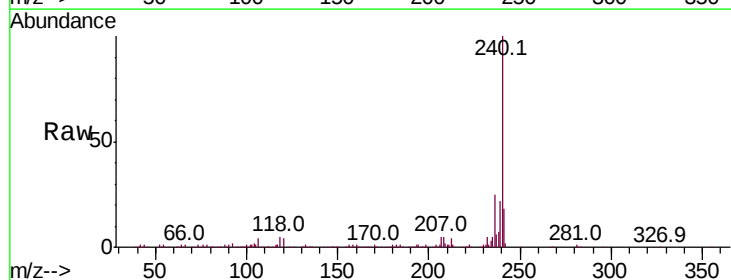


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

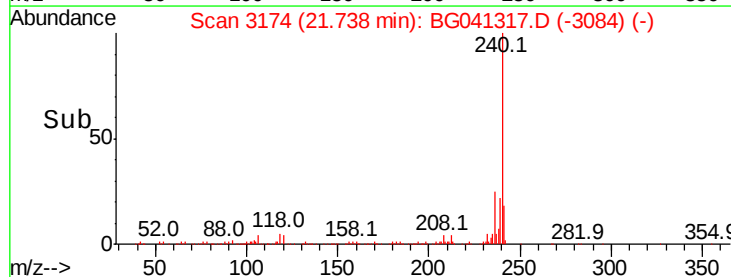
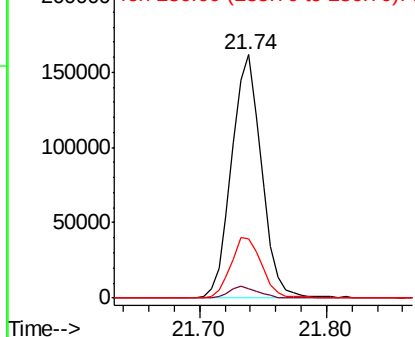


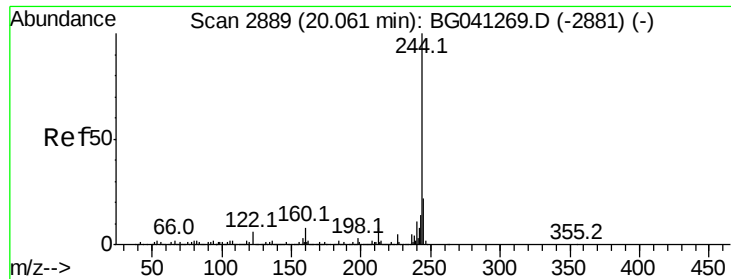
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041317.D
Acq: 19 Jun 2019 4:51

Tgt Ion:240 Resp: 263974
Ion Ratio Lower Upper
240 100
120 3.7 3.7 5.5
236 24.5 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: 100.671 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041317.D

Acq: 19 Jun 2019 4:51

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-A

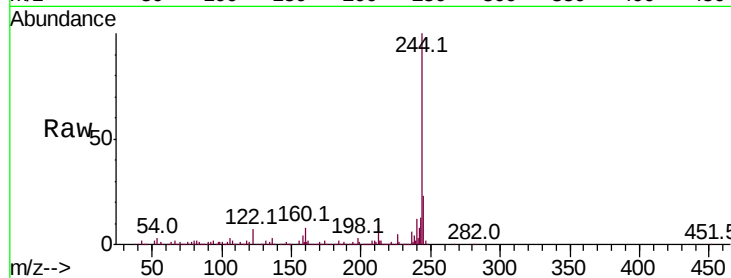
Tot Ion:244 Resp: 1340929

Ion Ratio Lower Upper

244 100

212 9.1 6.6 10.0

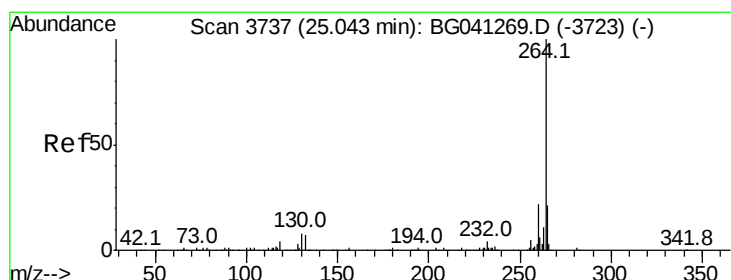
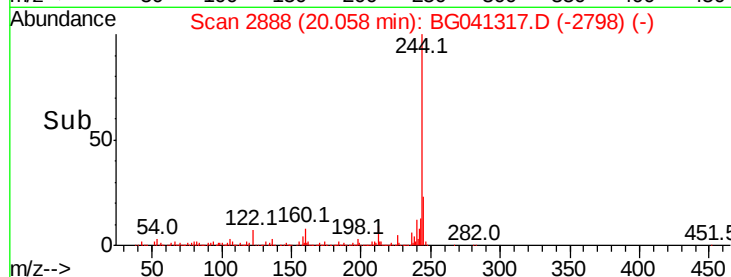
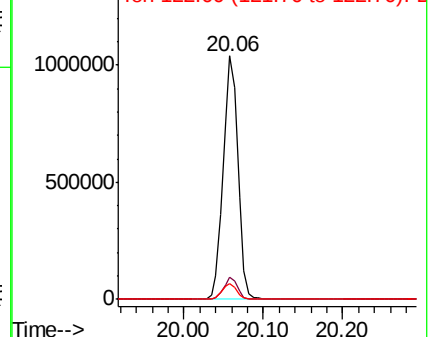
122 6.7 5.0 7.4



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: BG041317.D

Acq: 19 Jun 2019 4:51

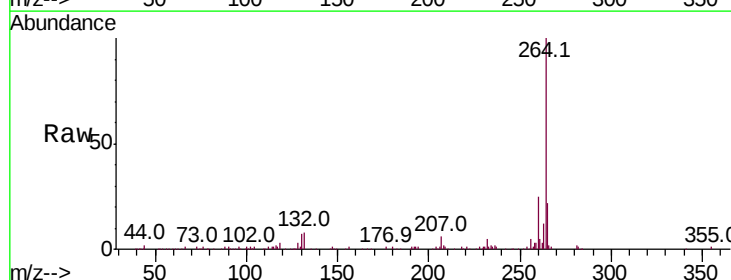
Tgt Ion:264 Resp: 273847

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.2

265 21.7 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

