

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041316.D
 Acq On : 19 Jun 2019 4:13
 Operator : HP/JU
 Sample : K3157-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 19 07:42:51 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	34106	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	129177	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	94806	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	237368	20.00	ng	0.00
76) Chrysene-d12	21.73	240	243777	20.00	ng	0.00
87) Perylene-d12	25.04	264	251857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	251299	135.38	ng	0.00
7) Phenol-d6	7.23	99	319336	118.69	ng	0.00
23) Nitrobenzene-d5	9.26	82	301137	98.04	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	200251	137.58	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	684180	98.09	ng	0.00
79) Terphenyl-d14	20.06	244	1213165	98.62	ng	0.00

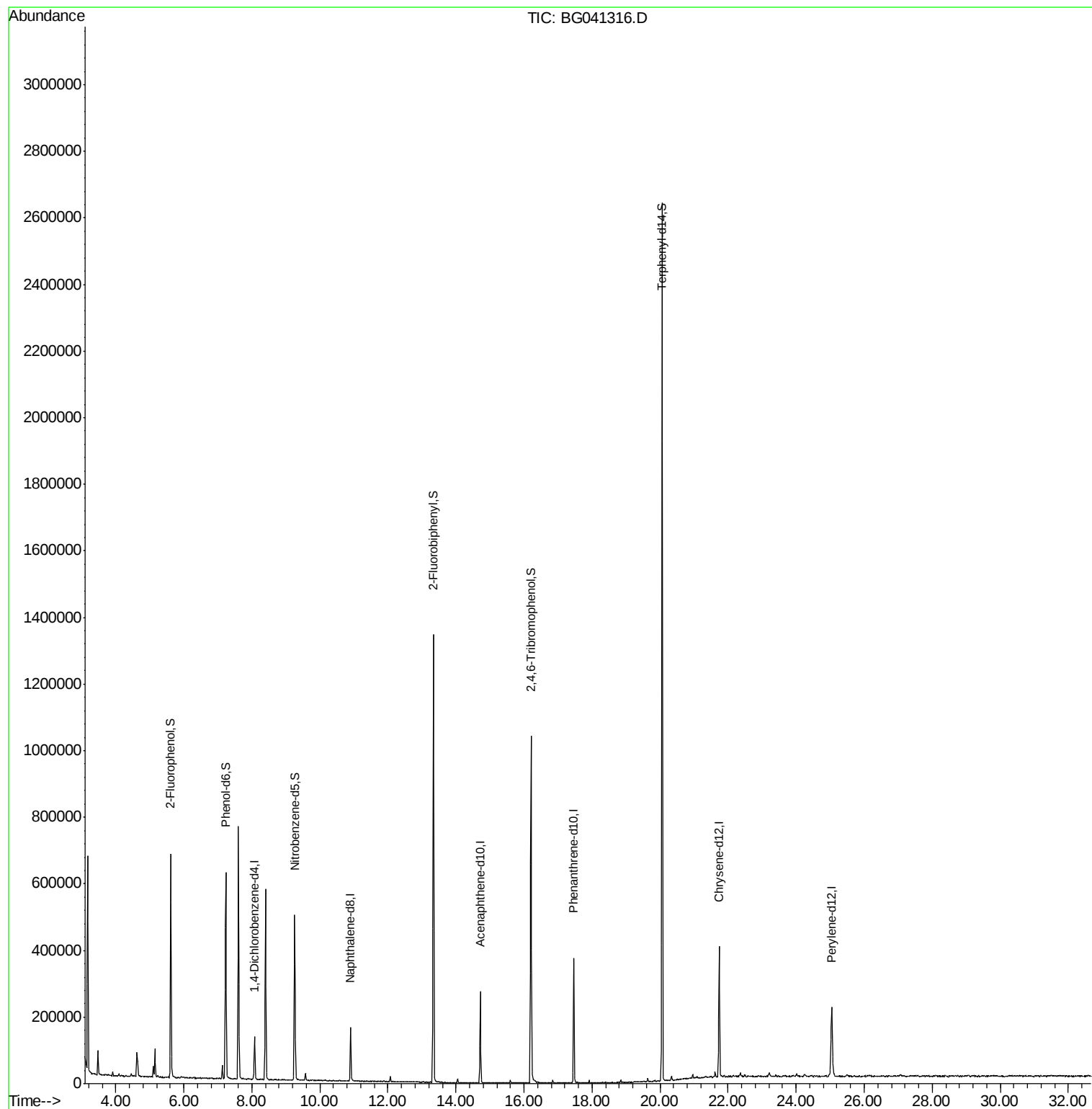
Target Compounds Qvalue

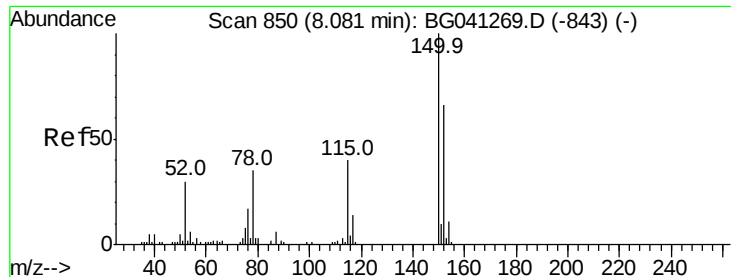
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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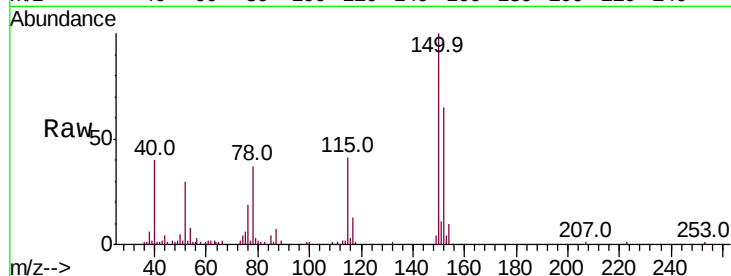


#1

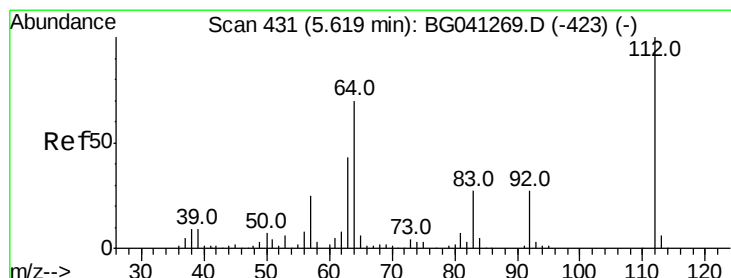
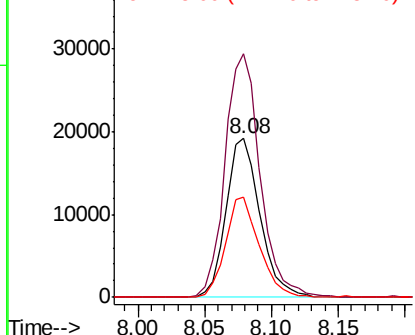
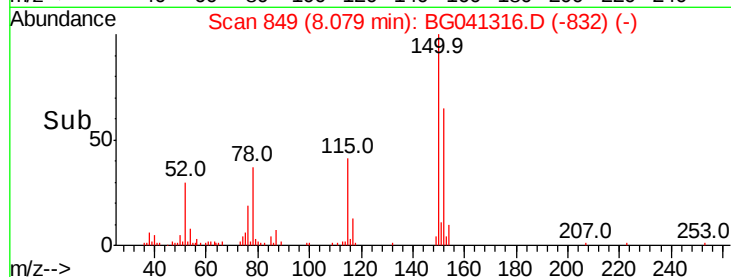
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041316.D
Acq: 19 Jun 2019 4:13

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

Tot Ion:152 Resp: 34106
Ion Ratio Lower Upper
152 100
150 153.4 120.6 181.0
115 63.2 47.9 71.9



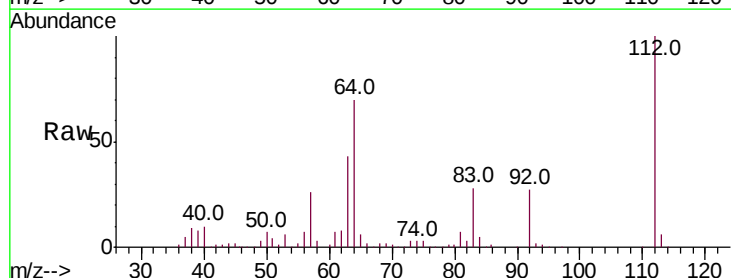
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



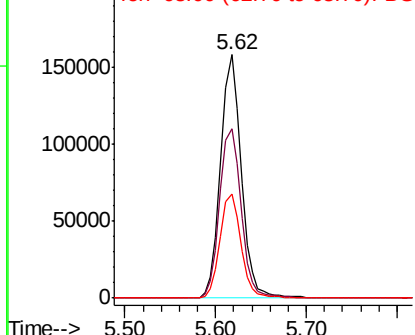
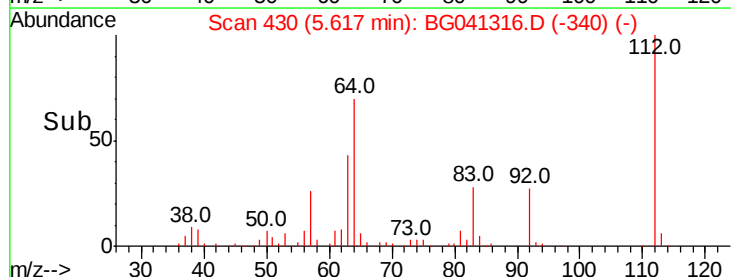
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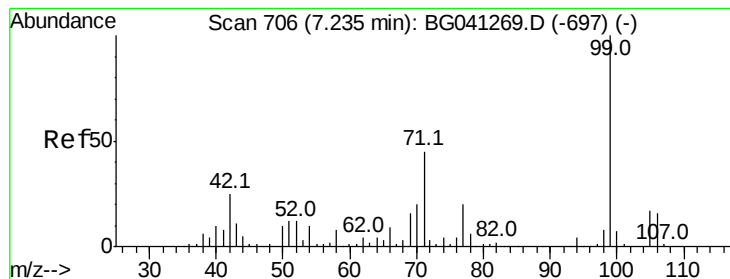
2-Fluorophenol
Concen: 135.384 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041316.D
Acq: 19 Jun 2019 4:13

Tgt Ion:112 Resp: 251299
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 42.5 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: 118.687 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-B

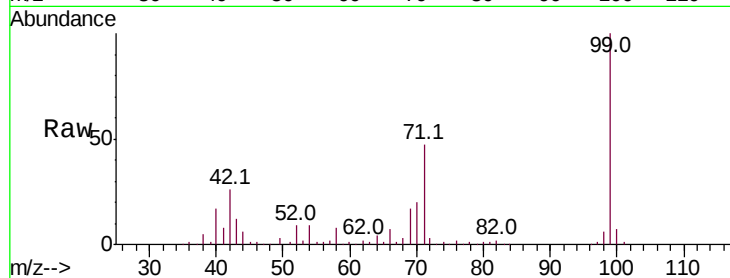
Tot Ion: 99 Resp: 319336

Ion Ratio Lower Upper

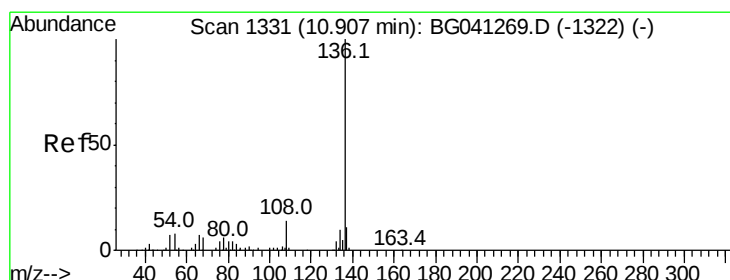
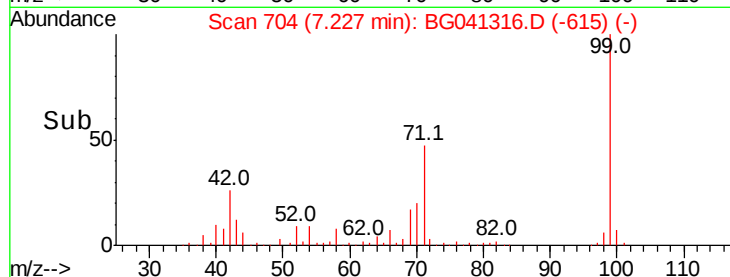
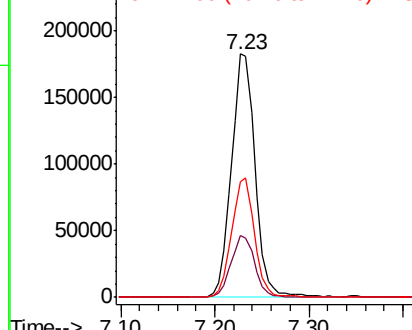
99 100

42 25.6 19.9 29.9

71 47.3 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# 1329

Delta R.T. -0.01 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

Tgt Ion: 136 Resp: 129177

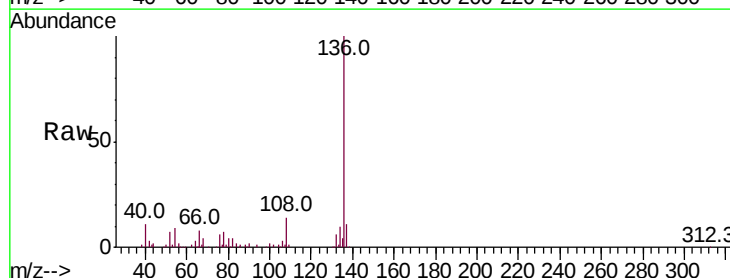
Ion Ratio Lower Upper

136 100

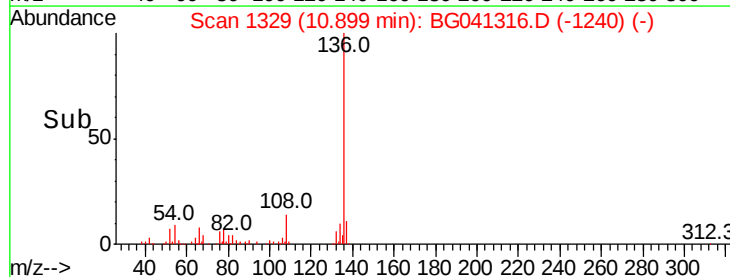
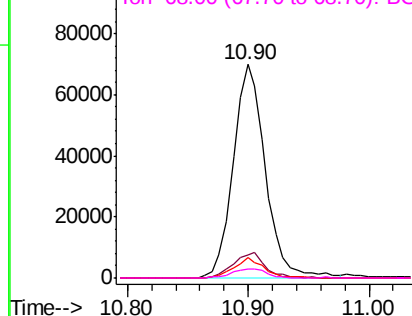
137 10.9 8.8 13.2

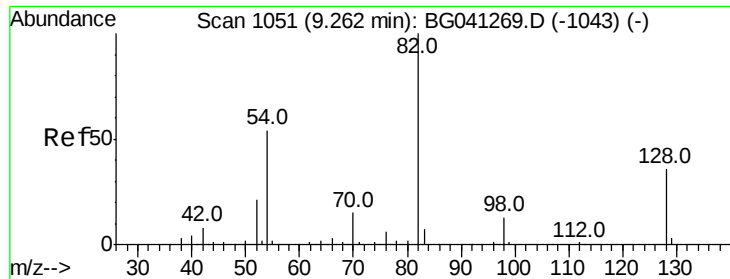
54 9.4 6.4 9.6

68 4.2 4.8 7.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

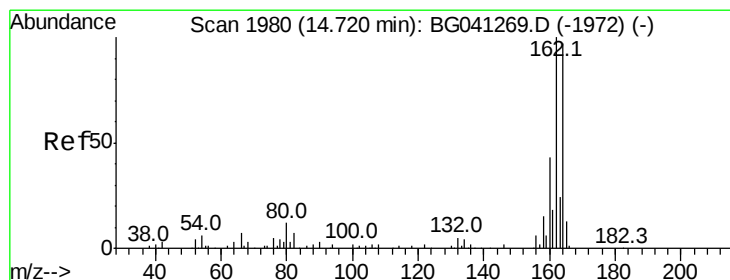
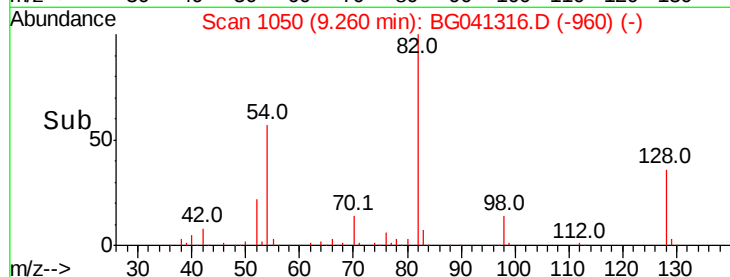
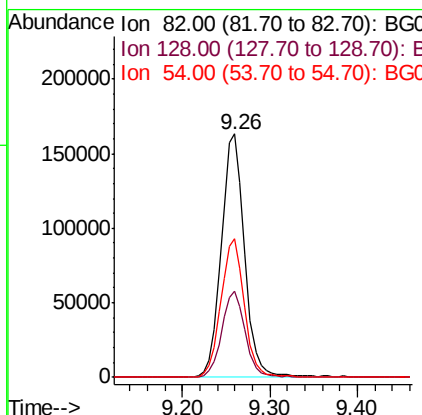
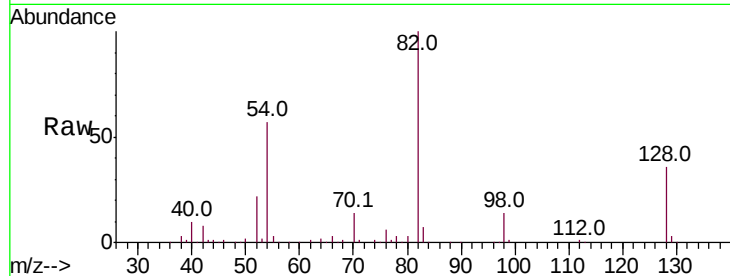




#23
 Nitrobenzene-d5
 Concen: 98.041 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041316.D
 Acq: 19 Jun 2019 4:13

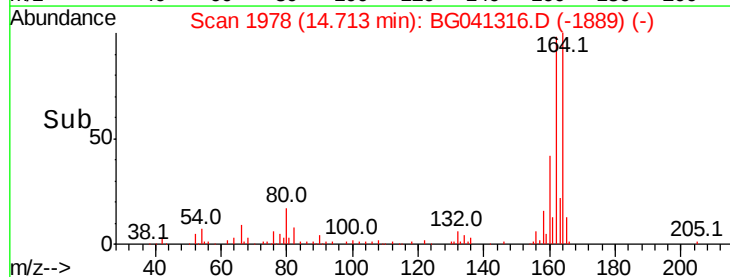
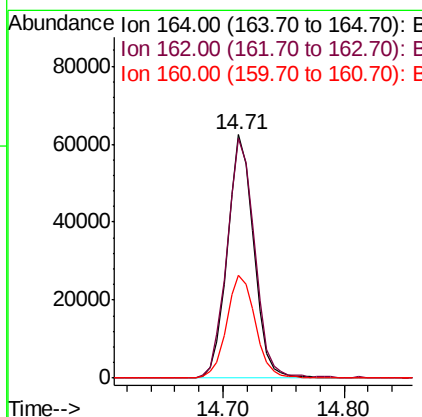
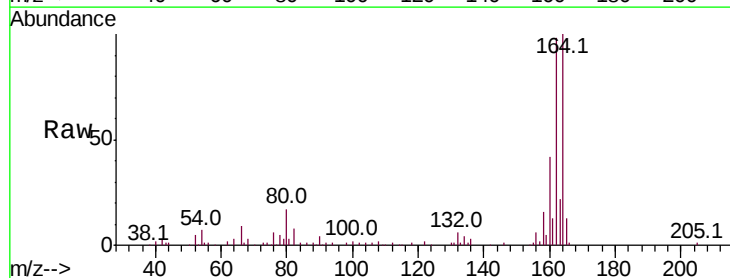
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-B

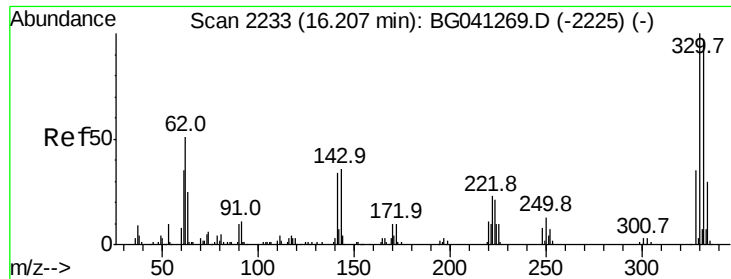
Tot Ion: 82 Resp: 301137
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.2 43.8
 54 57.2 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG041316.D
 Acq: 19 Jun 2019 4:13

Tgt Ion: 164 Resp: 94806
 Ion Ratio Lower Upper
 164 100
 162 98.3 82.8 124.2
 160 42.2 35.8 53.8

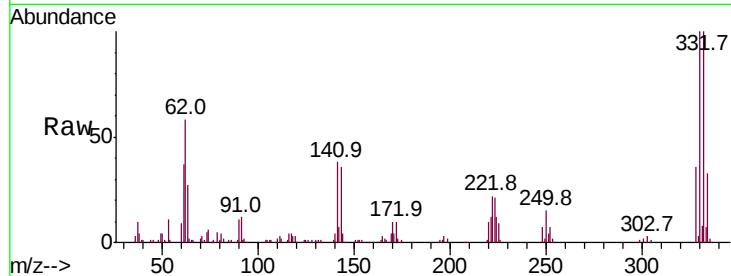




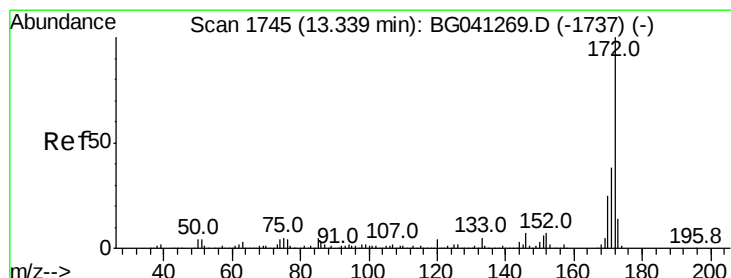
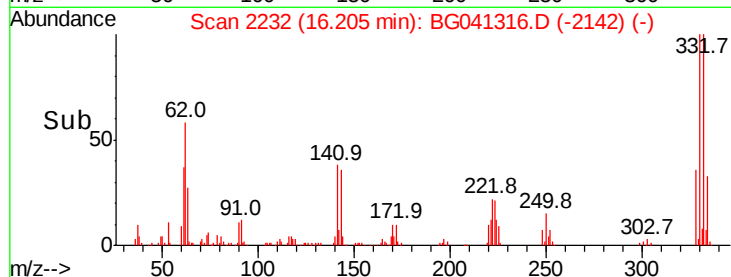
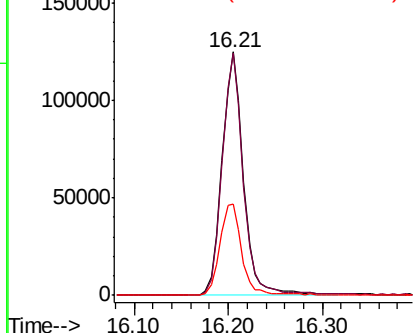
#42
 2,4,6-Tribromophenol
 Concen: 137.584 ng
 RT: 16.21 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041316.D
 Acq: 19 Jun 2019 4:13

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.5	113.3
141	39.0	29.0	43.4

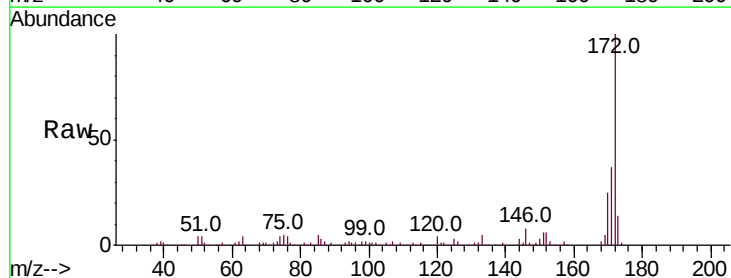


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

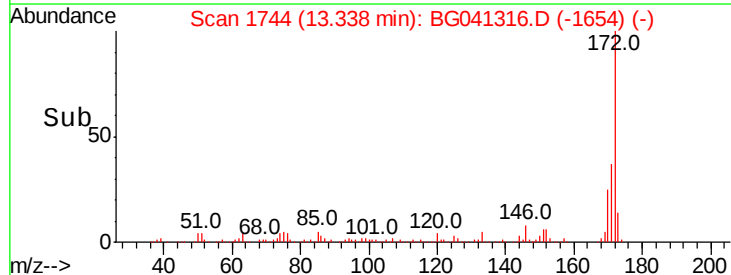
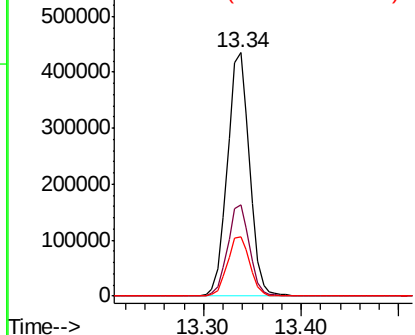


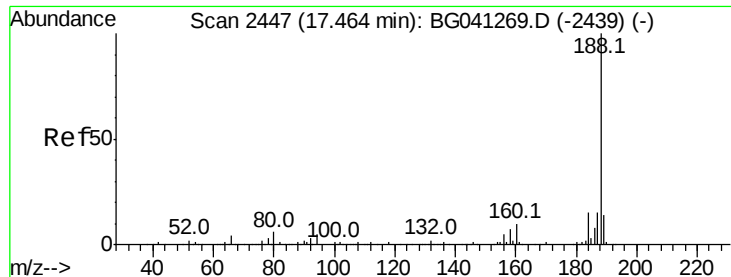
#45
 2-Fluorobiphenyl
 Concen: 98.085 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041316.D
 Acq: 19 Jun 2019 4:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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# 2446

Delta R.T. -0.00 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-B

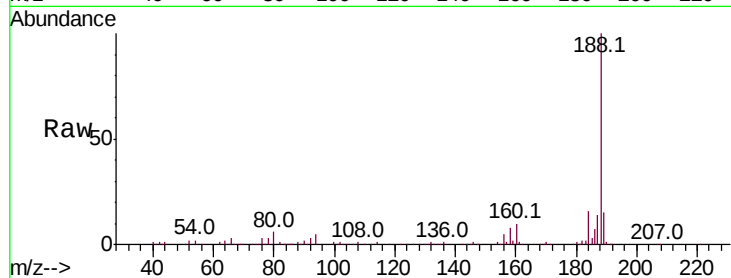
Tot Ion:188 Resp: 237368

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

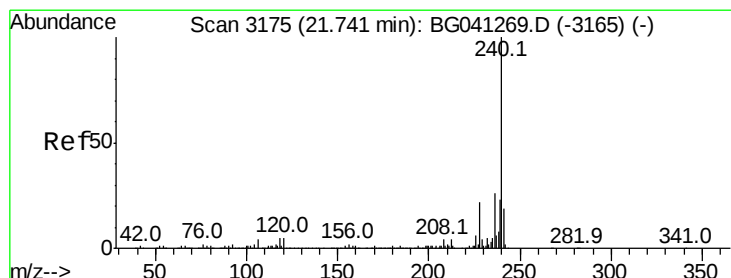
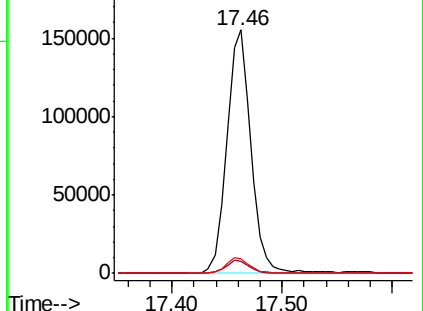
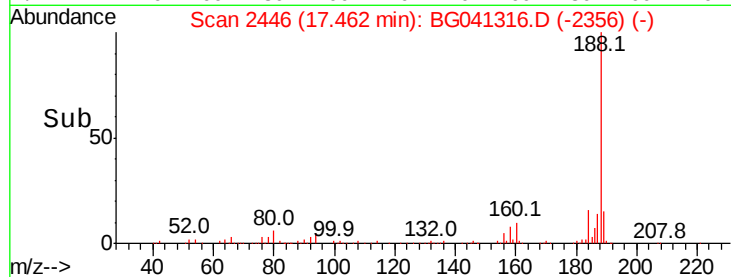
80 5.9 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

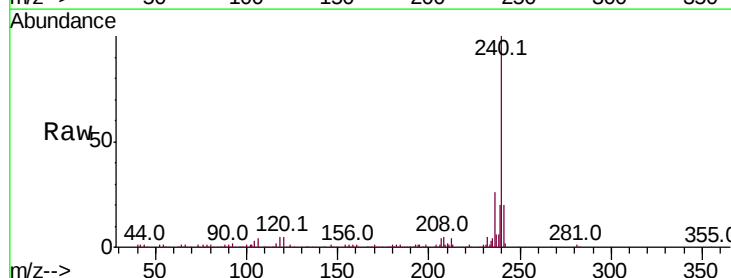
Tgt Ion:240 Resp: 243777

Ion Ratio Lower Upper

240 100

120 5.0 3.7 5.5

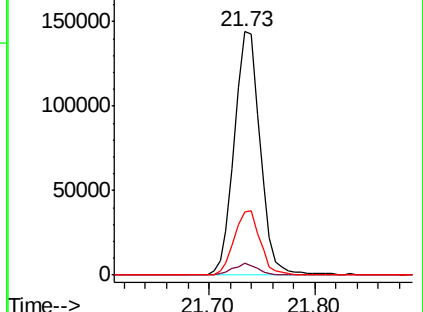
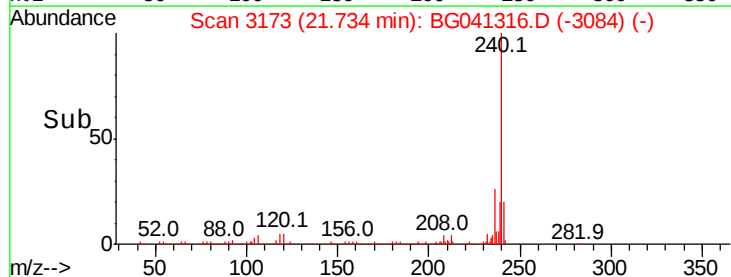
236 25.7 21.1 31.7

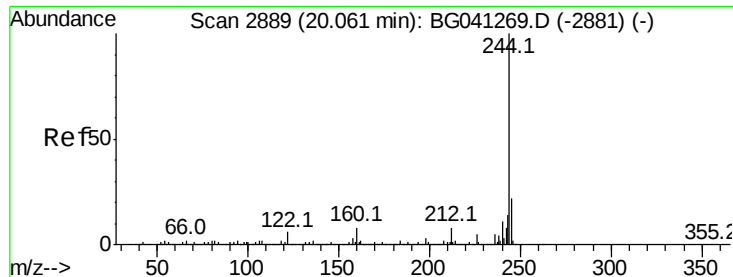


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.625 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-B

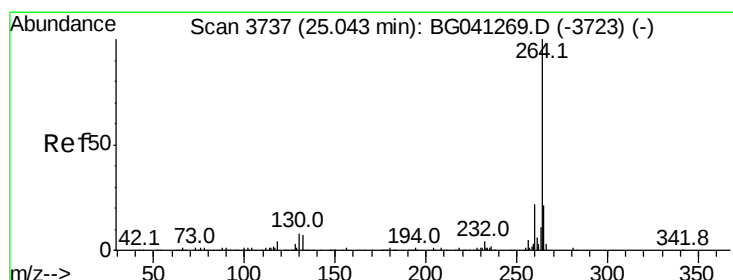
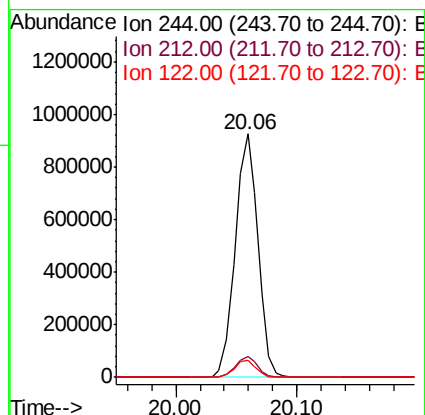
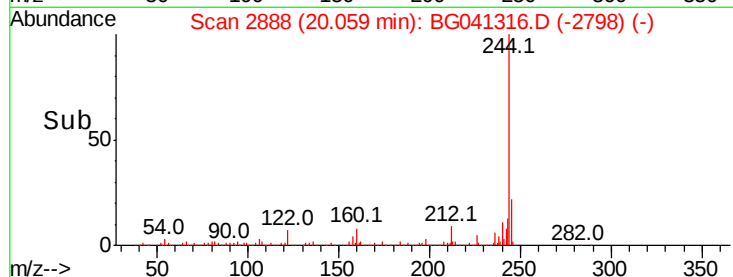
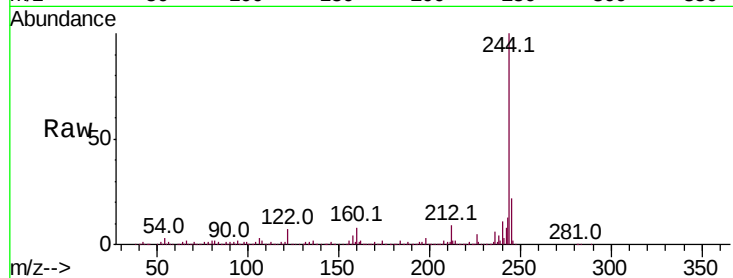
Tot Ion:244 Resp: 1213165

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

122 6.8 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041316.D

Acq: 19 Jun 2019 4:13

Tgt Ion:264 Resp: 251857

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

265 22.5 17.2 25.8

