

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041275.D
 Acq On : 17 Jun 2019 16:31
 Operator : HP/JU
 Sample : K3156-04
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-061219

Quant Time: Jun 17 17:38:00 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	31494	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	111533	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	82554	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	245735	20.00	ng	0.00
76) Chrysene-d12	21.74	240	289751	20.00	ng	0.00
87) Perylene-d12	25.05	264	298078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214988	125.43	ng	0.00
7) Phenol-d6	7.23	99	265328	106.79	ng	0.00
23) Nitrobenzene-d5	9.26	82	249512	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	194580	153.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	576282	94.88	ng	0.00
79) Terphenyl-d14	20.06	244	1341253	91.74	ng	0.00

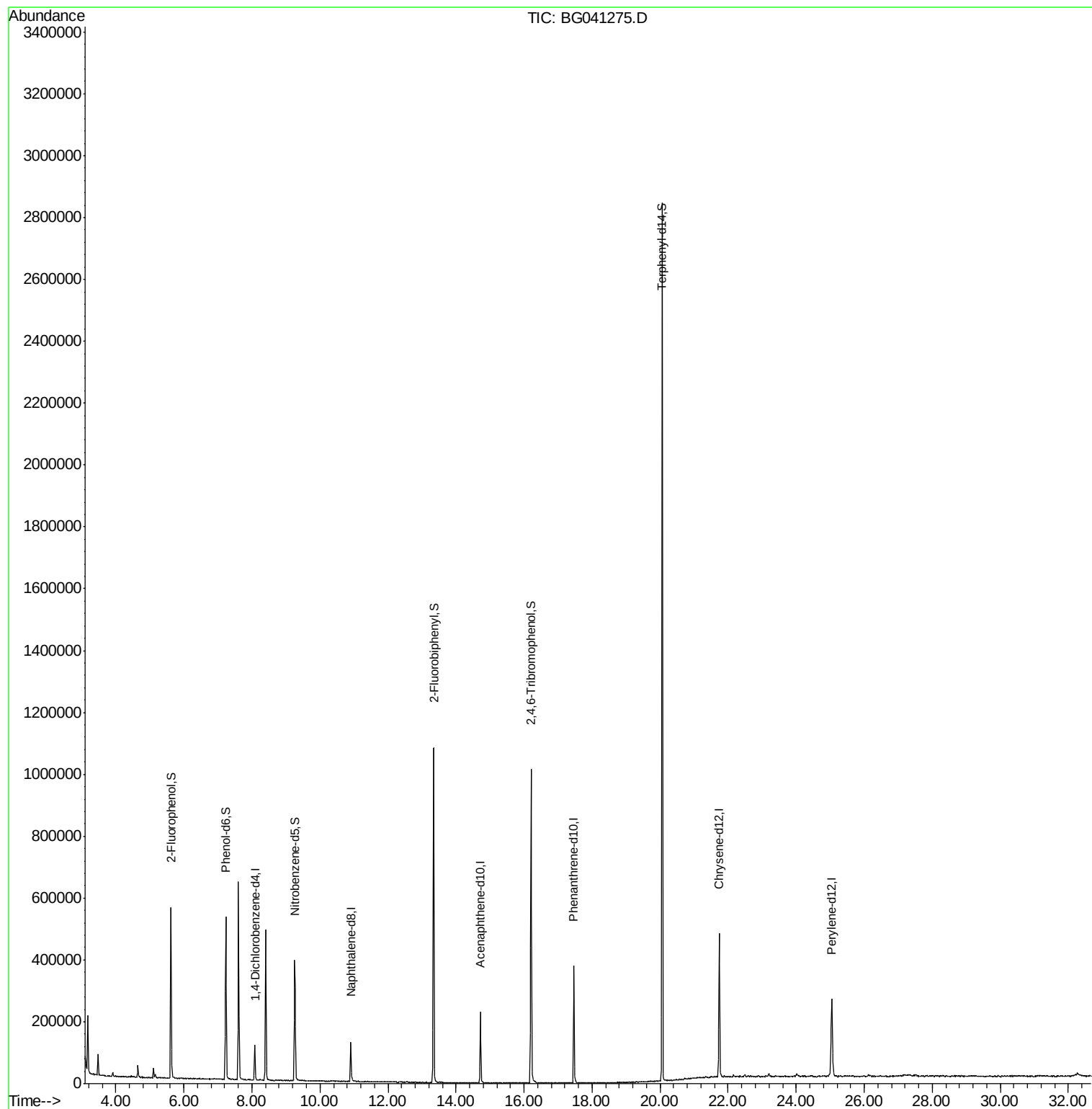
Target Compounds Qvalue

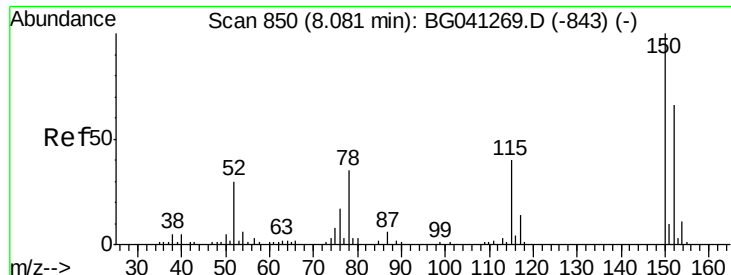
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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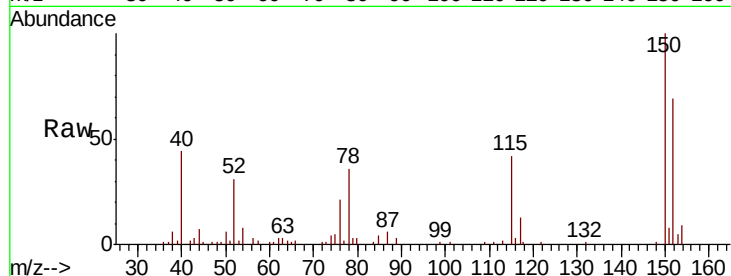


#1

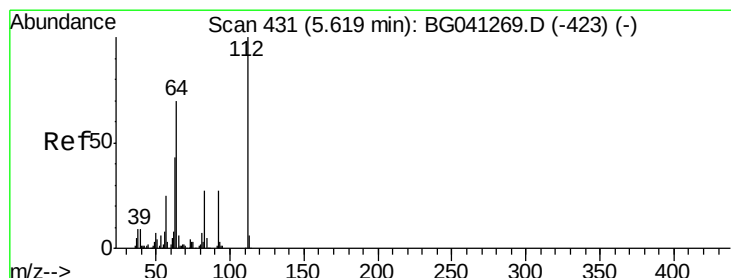
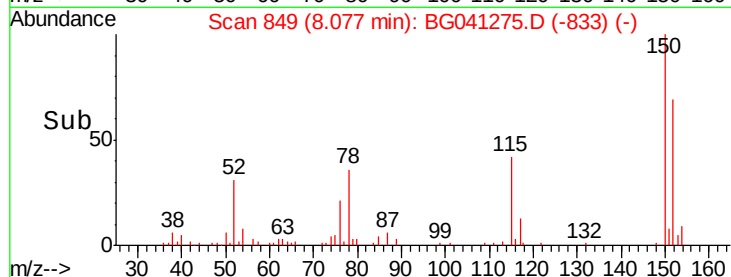
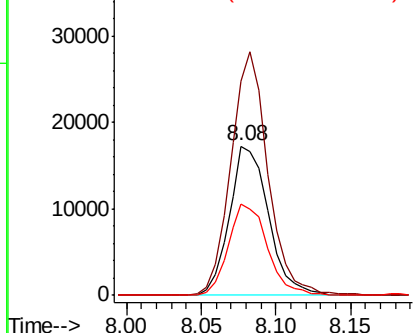
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Instrument :
BNA_G
ClientSampleId :
HD-01-061219

Tot Ion:152 Resp: 31494
Ion Ratio Lower Upper
152 100
150 143.9 120.6 181.0
115 60.9 47.9 71.9



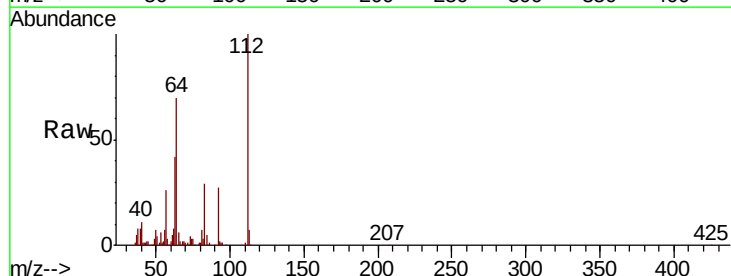
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



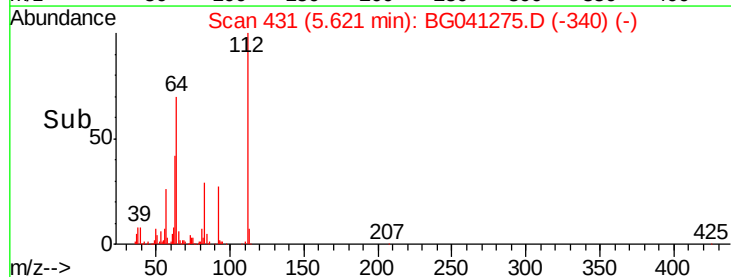
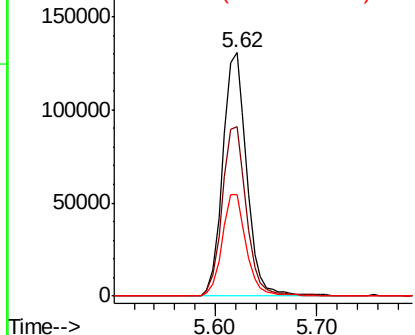
#5

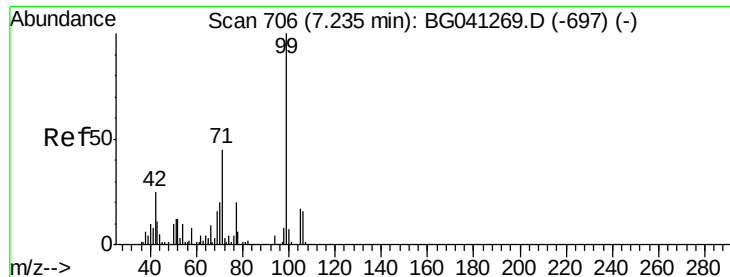
2-Fluorophenol
Concen: 125.428 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041275.D
Acq: 17 Jun 2019 16:31

Tgt Ion:112 Resp: 214988
Ion Ratio Lower Upper
112 100
64 69.5 55.9 83.9
63 41.9 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: 106.793 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

HD-01-061219

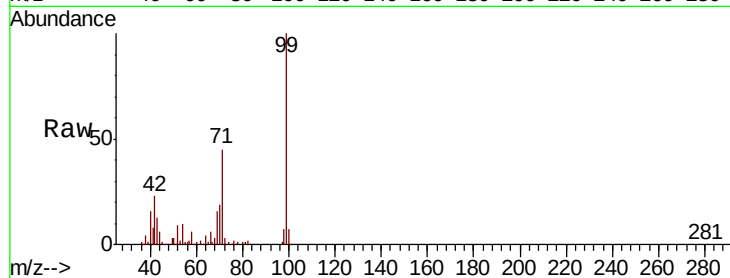
Tot Ion: 99 Resp: 265328

Ion Ratio Lower Upper

99 100

42 23.0 19.9 29.9

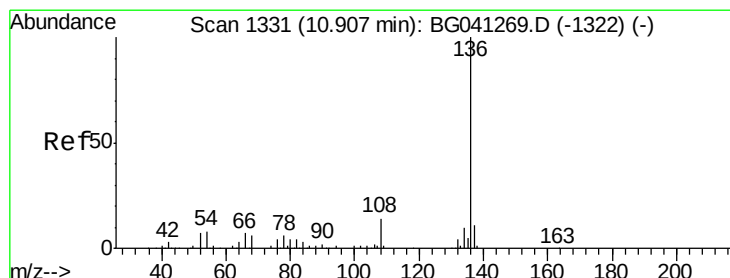
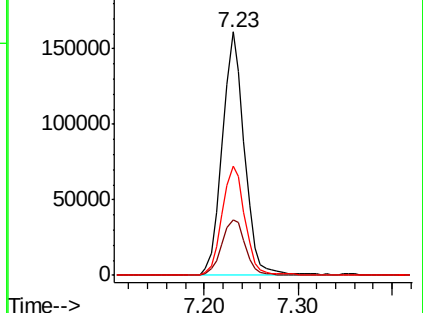
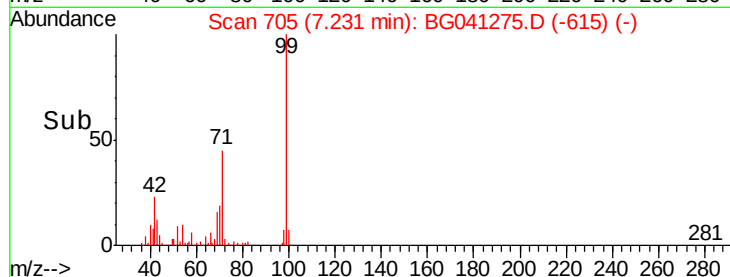
71 44.8 36.4 54.6



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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Tgt Ion: 136 Resp: 111533

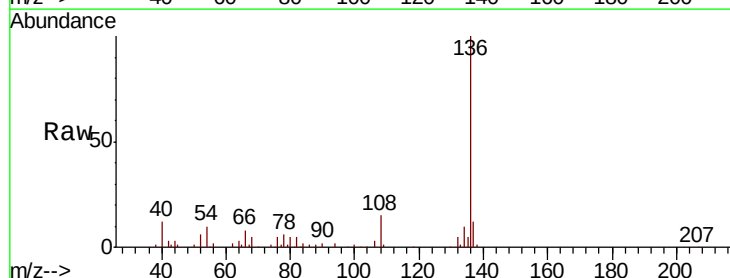
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 10.8 6.4 9.6#

68 4.7 4.8 7.2#

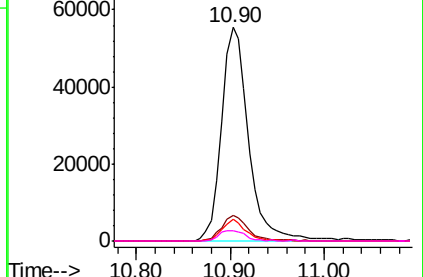
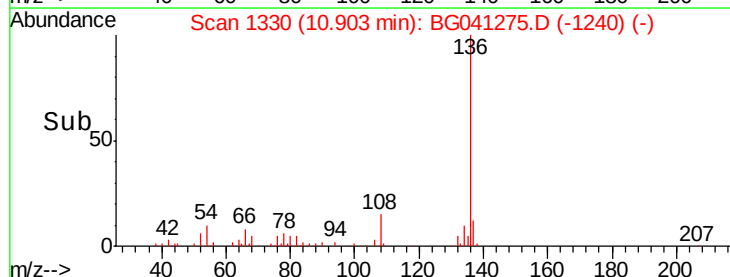


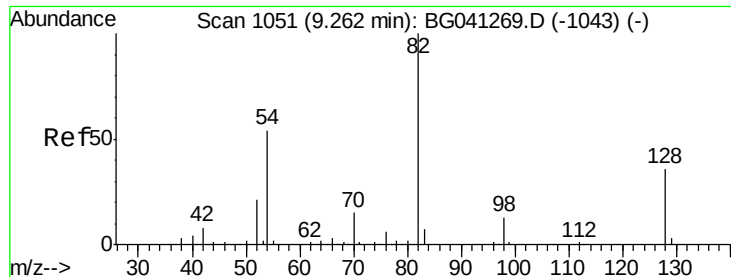
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

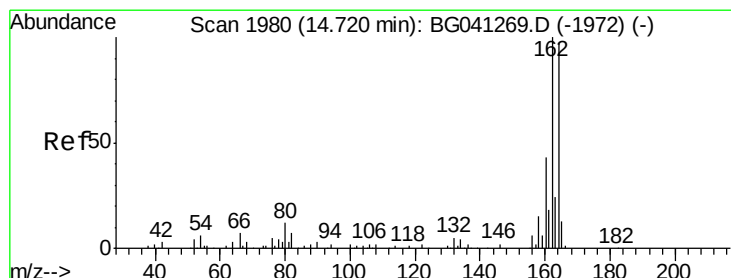
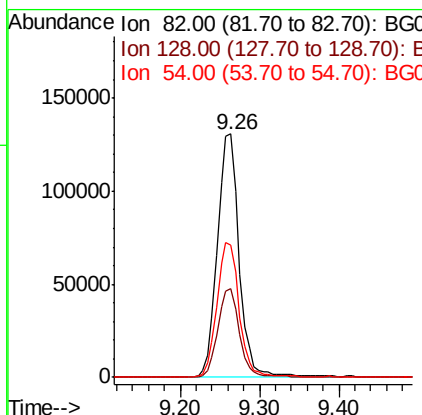
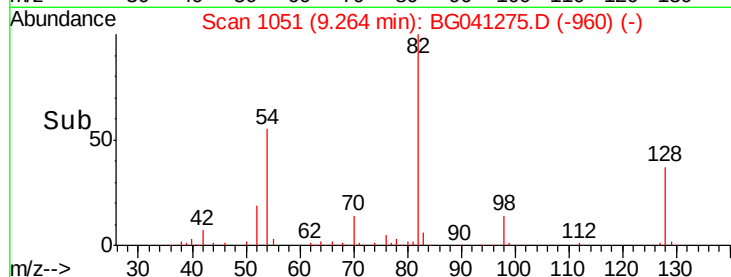
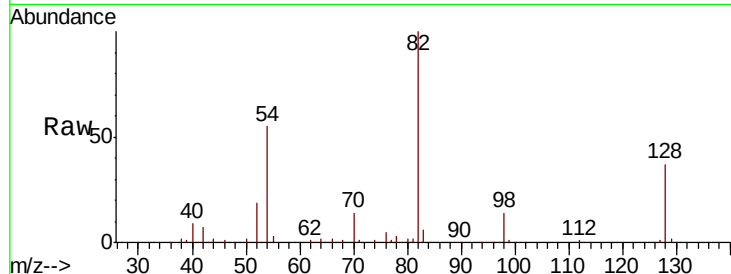




#23
 Nitrobenzene-d5
 Concen: 94.085 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

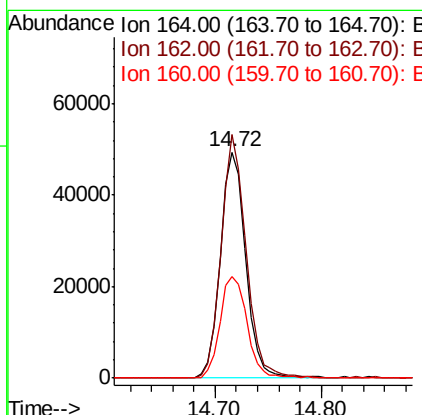
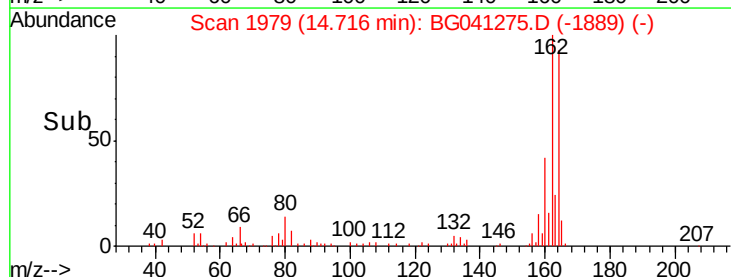
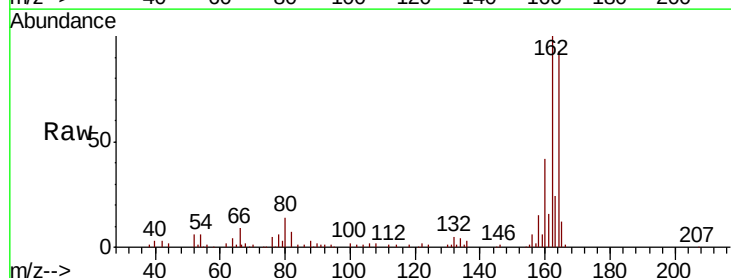
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-061219

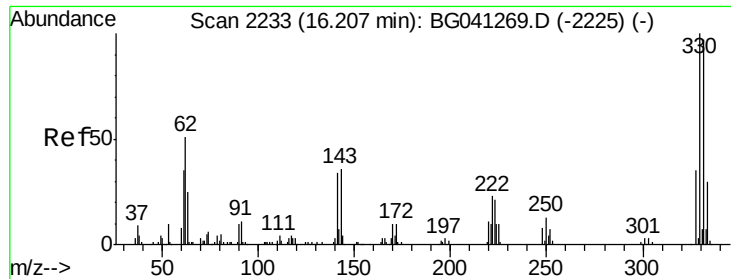
Tot Ion: 82 Resp: 249512
 Ion Ratio Lower Upper
 82 100
 128 36.6 29.2 43.8
 54 54.5 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG041275.D
 Acq: 17 Jun 2019 16:31

Tgt Ion:164 Resp: 82554
 Ion Ratio Lower Upper
 164 100
 162 107.8 82.8 124.2
 160 44.7 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 153.529 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

HD-01-061219

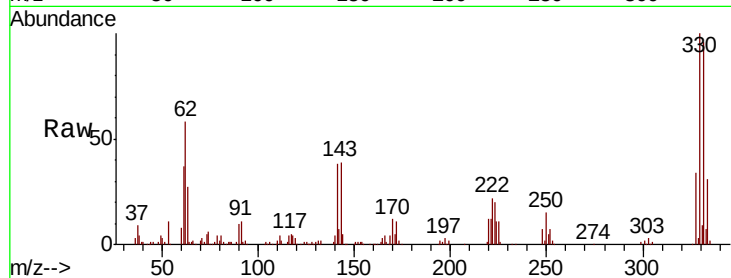
Tot Ion:330 Resp: 194580

Ion Ratio Lower Upper

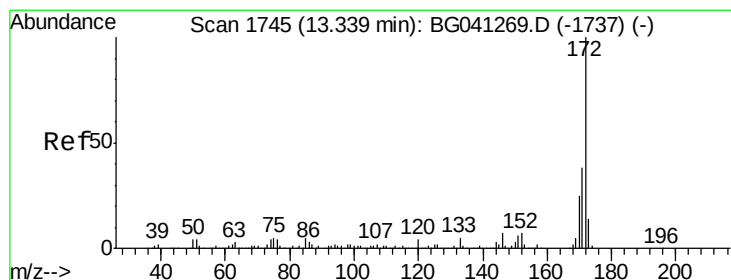
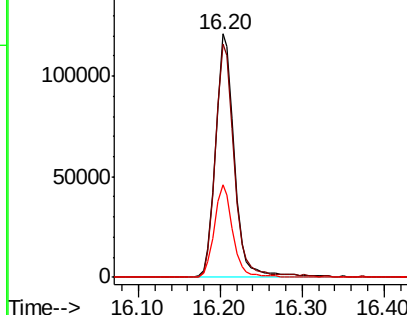
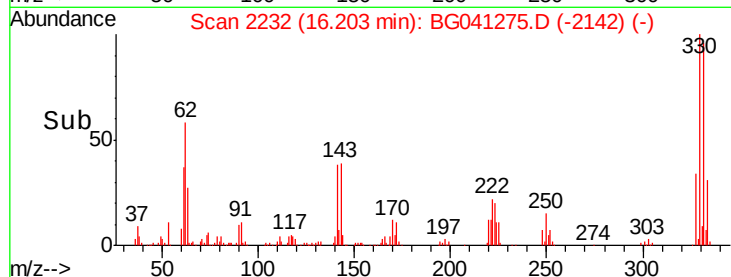
330 100

332 96.9 75.5 113.3

141 37.3 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: 94.878 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

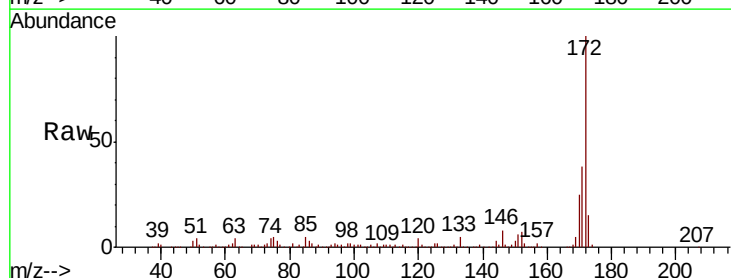
Tgt Ion:172 Resp: 576282

Ion Ratio Lower Upper

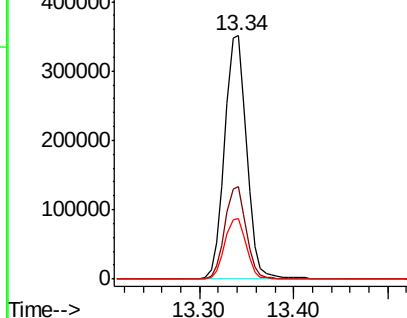
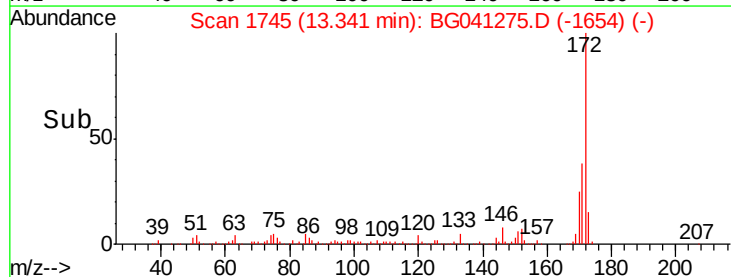
172 100

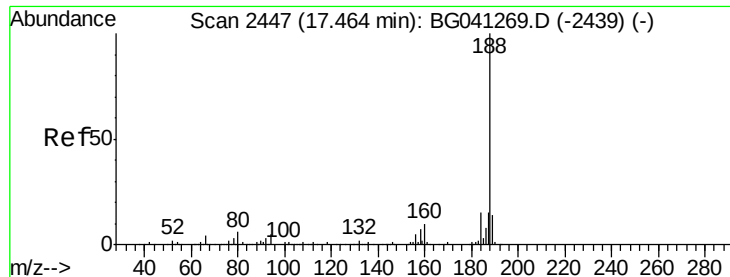
171 38.2 30.0 45.0

170 24.8 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: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

HD-01-061219

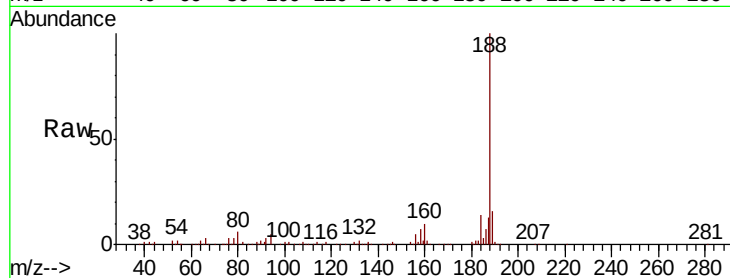
Tot Ion:188 Resp: 245735

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

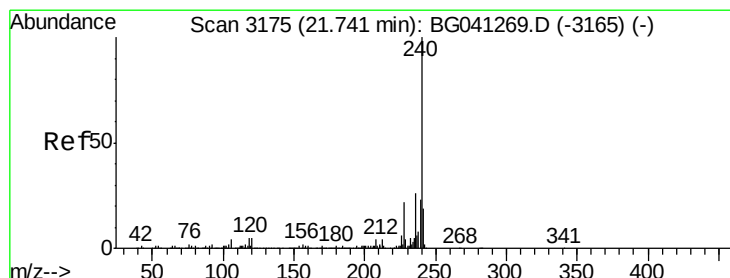
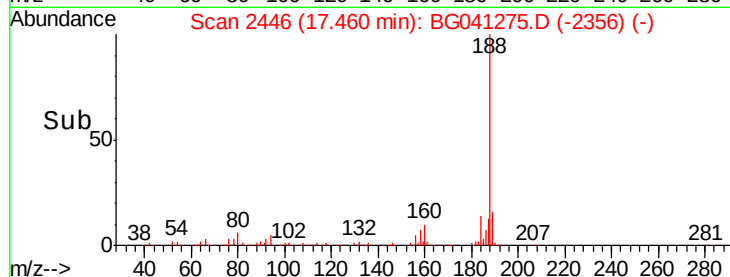
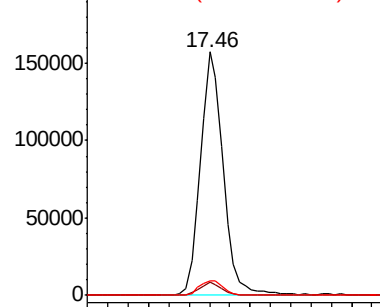
80 5.8 4.8 7.2



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: BG041275.D

Acq: 17 Jun 2019 16:31

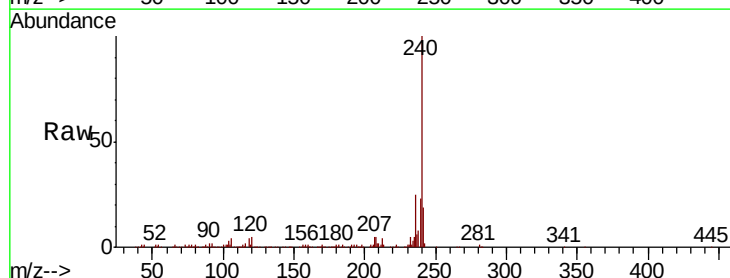
Tgt Ion:240 Resp: 289751

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

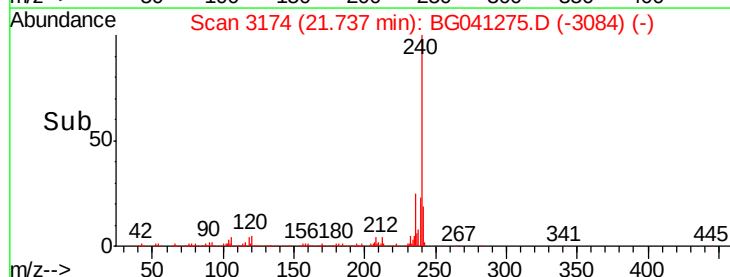
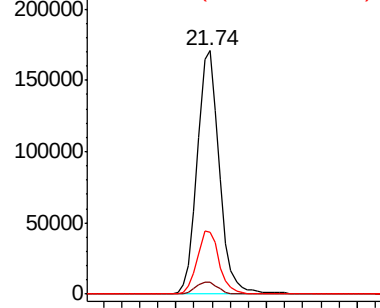
236 25.2 21.1 31.7

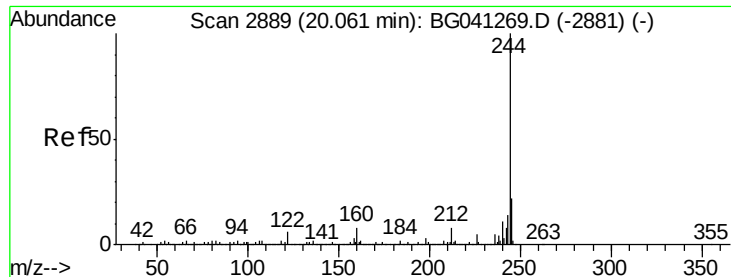


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.737 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041275.D

Acq: 17 Jun 2019 16:31

Instrument :

BNA_G

ClientSampleId :

HD-01-061219

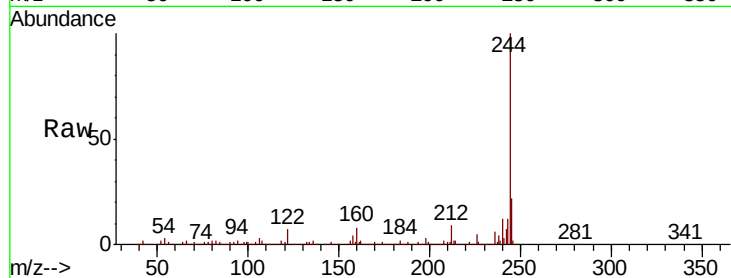
Tot Ion:244 Resp: 1341253

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

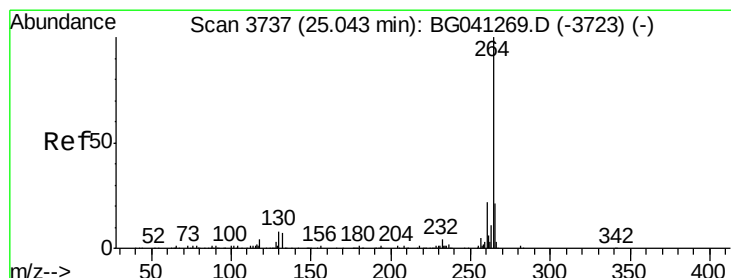
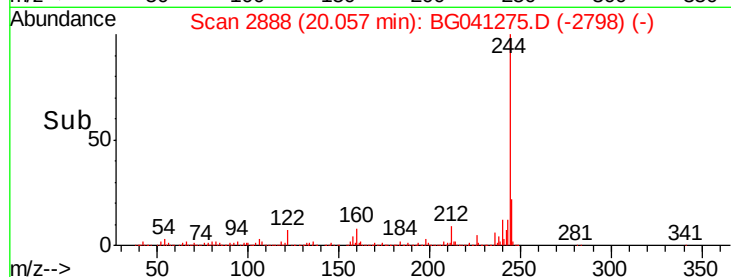
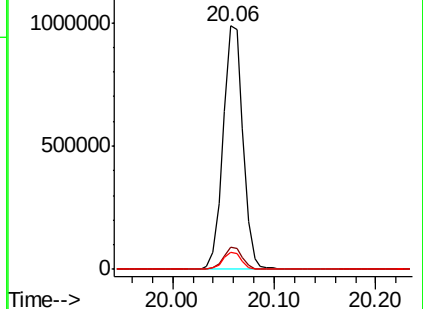
122 7.1 5.0 7.4



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: BG041275.D

Acq: 17 Jun 2019 16:31

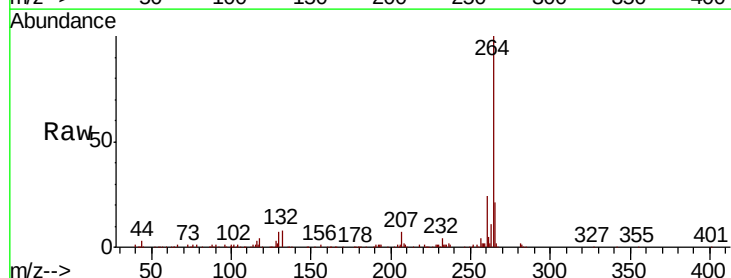
Tgt Ion:264 Resp: 298078

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

265 20.5 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

