

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
 Data File : BG041456.D
 Acq On : 25 Jun 2019 22:50
 Operator : HP/JU
 Sample : K3156-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-062419

Quant Time: Jun 26 05:07:07 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	8.04	152	30260	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	103629	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	72111	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	184512	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	199840	20.00	ng	-0.04
87) Perylene-d12	24.98	264	207028	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	214969	130.53	ng	-0.04
7) Phenol-d6	7.20	99	272823	114.29	ng	-0.03
23) Nitrobenzene-d5	9.22	82	238614	96.84	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	165195	149.22	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	547573	103.21	ng	-0.04
79) Terphenyl-d14	20.03	244	1077700	106.87	ng	-0.03

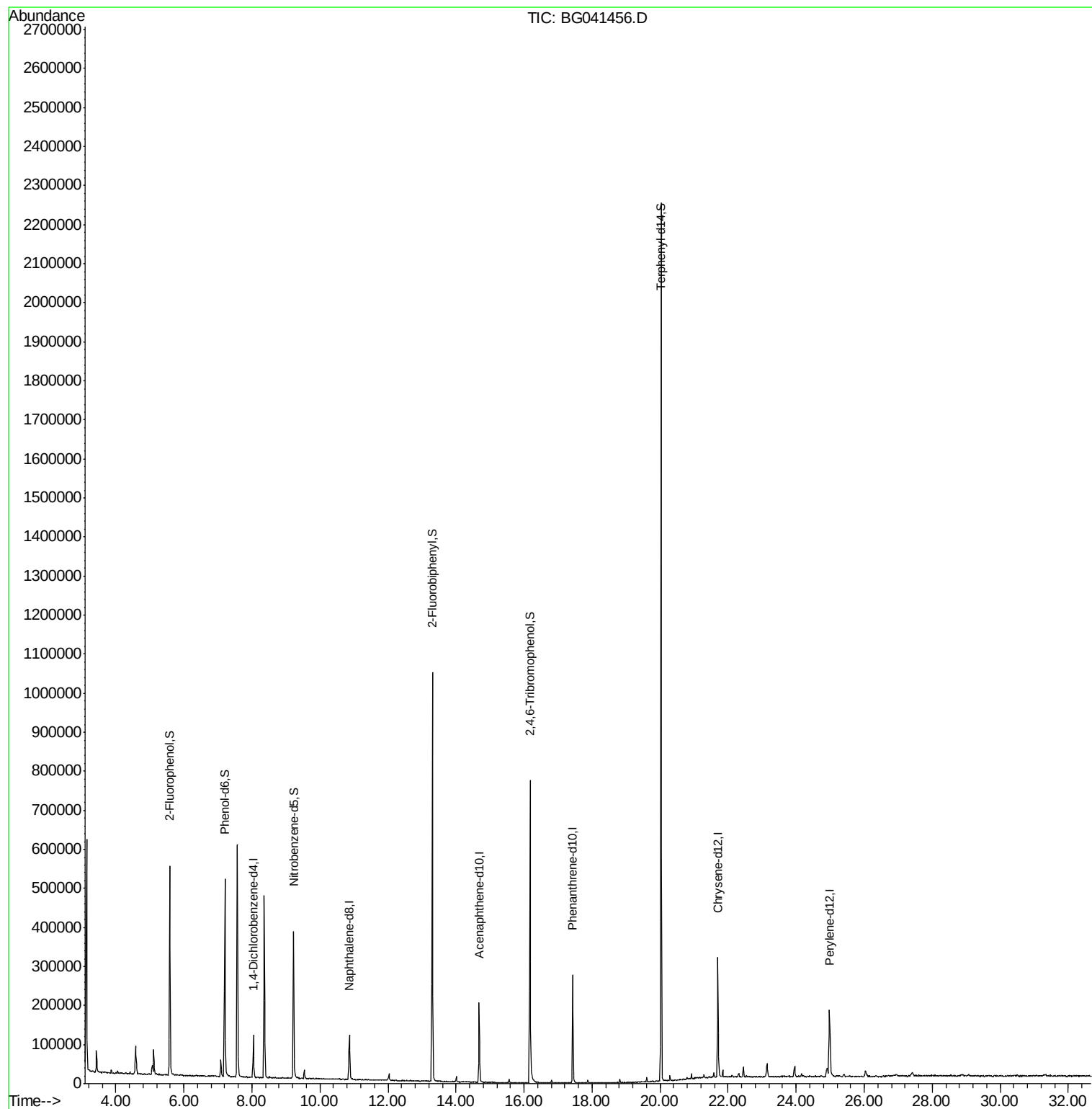
Target Compounds Qvalue

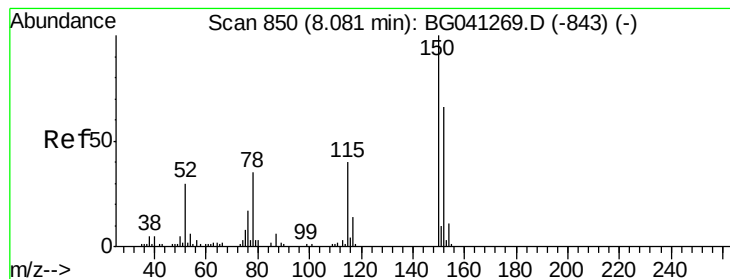
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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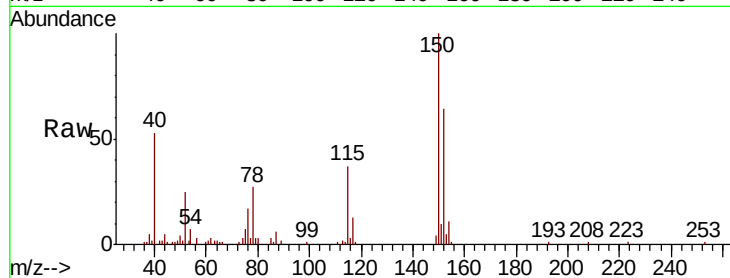


#1

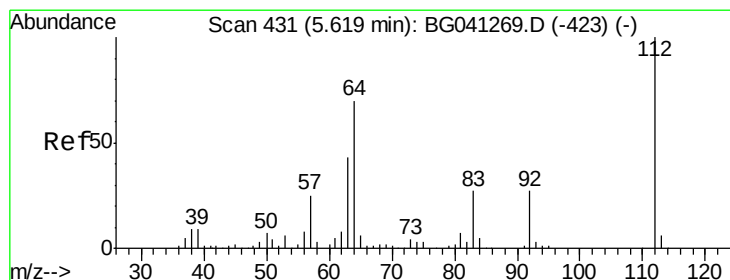
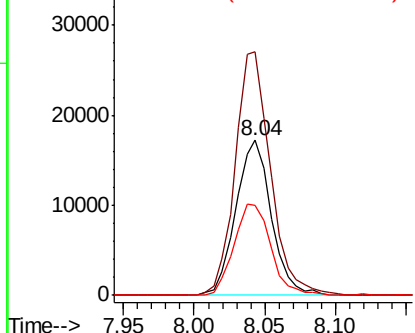
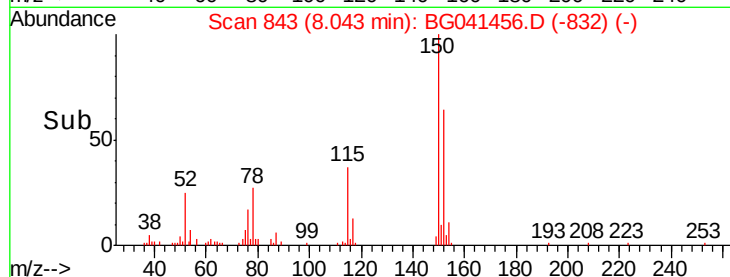
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Instrument :
BNA_G
ClientSampleId :
HD-02-062419

Tot Ion:152 Resp: 30260
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 58.4 47.9 71.9



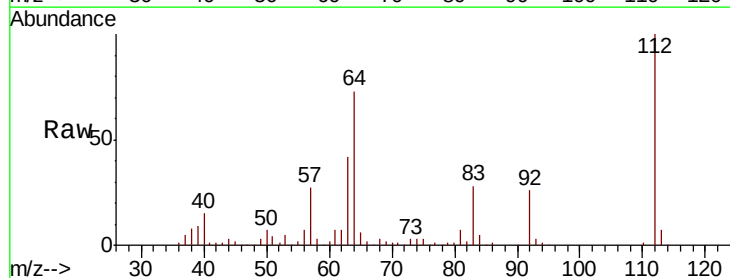
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



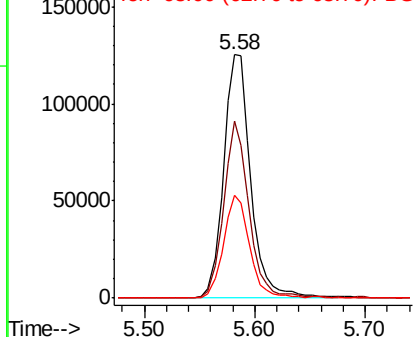
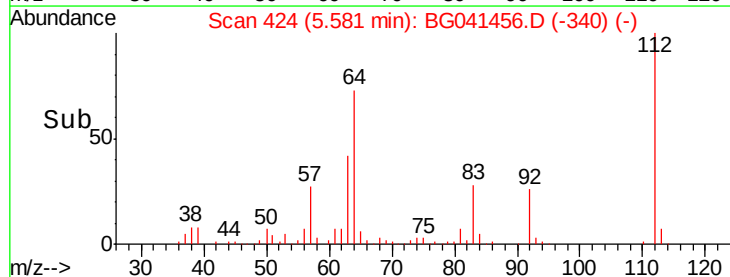
#5

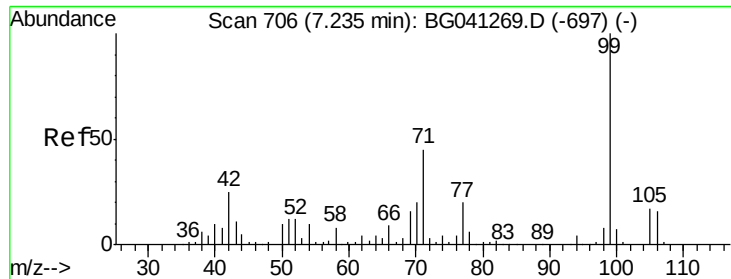
2-Fluorophenol
Concen: 130.531 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041456.D
Acq: 25 Jun 2019 22:50

Tgt Ion:112 Resp: 214969
Ion Ratio Lower Upper
112 100
64 72.6 55.9 83.9
63 42.2 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: 114.287 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

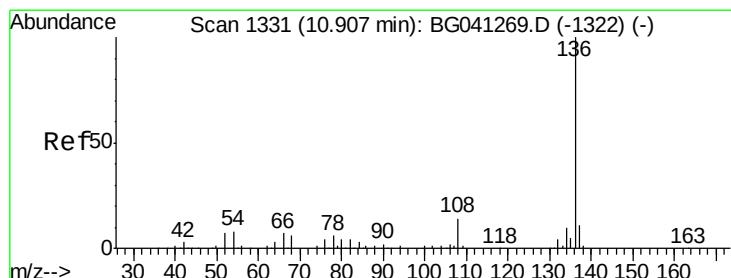
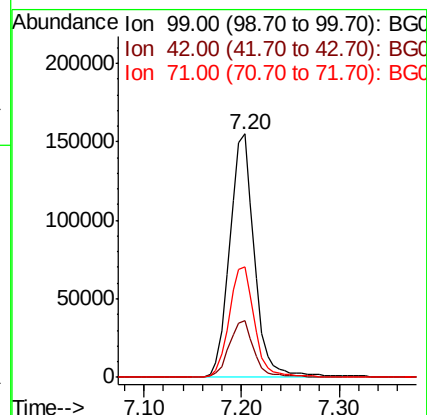
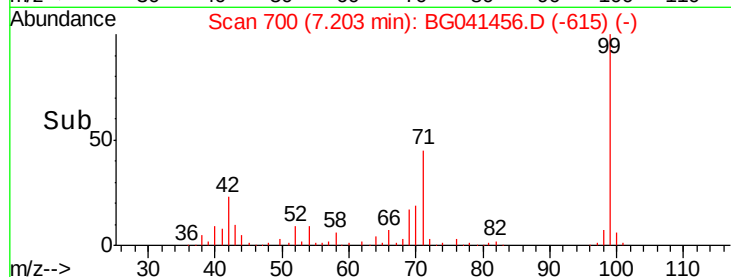
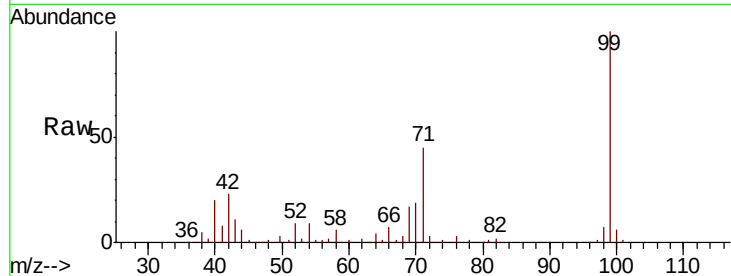
Tot Ion: 99 Resp: 272823

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

71 45.2 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Tgt Ion: 136 Resp: 103629

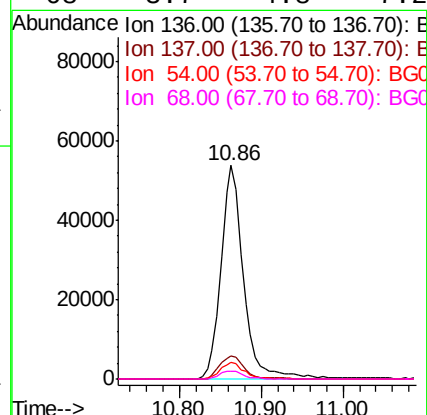
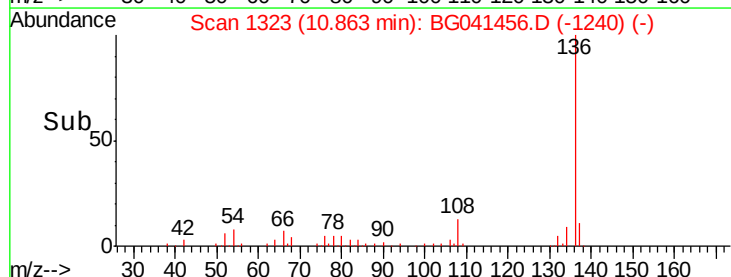
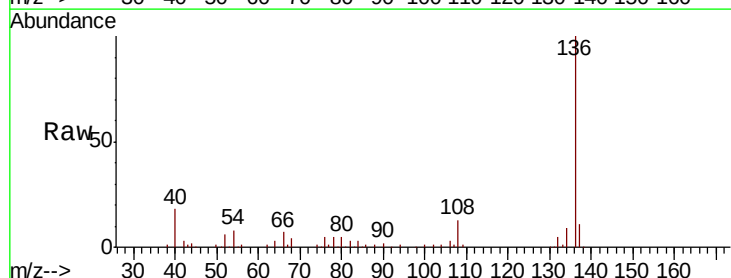
Ion Ratio Lower Upper

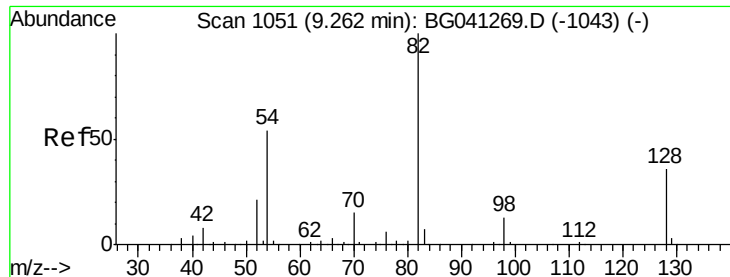
136 100

137 11.0 8.8 13.2

54 7.9 6.4 9.6

68 3.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 96.838 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

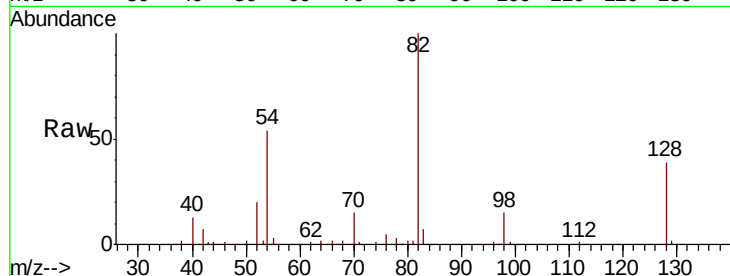
Tot Ion: 82 Resp: 238614

Ion Ratio Lower Upper

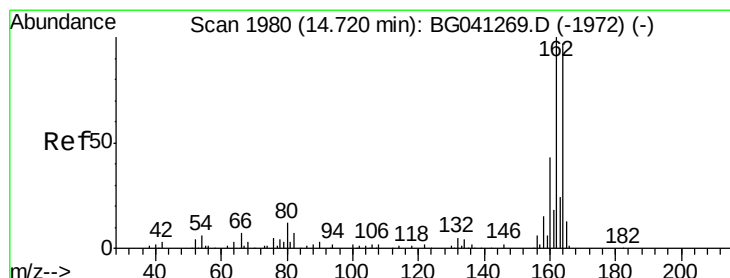
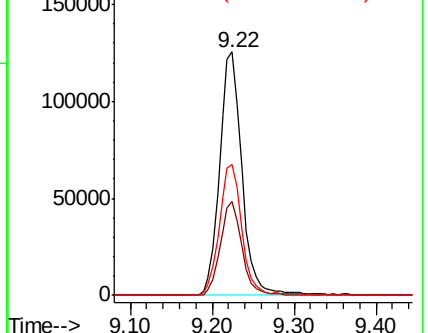
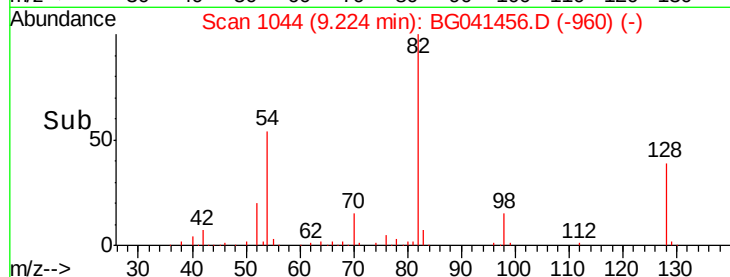
82 100

128 38.6 29.2 43.8

54 53.5 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: 14.68 min Scan# 1973

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

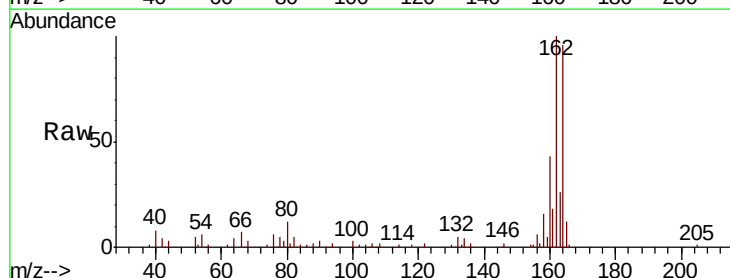
Tgt Ion: 164 Resp: 72111

Ion Ratio Lower Upper

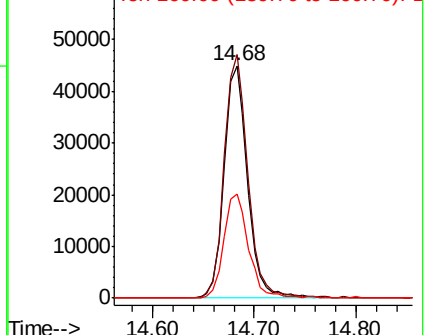
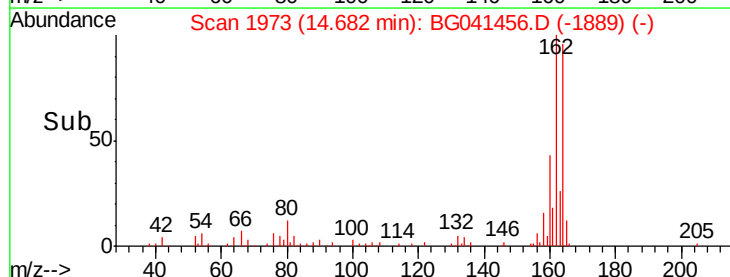
164 100

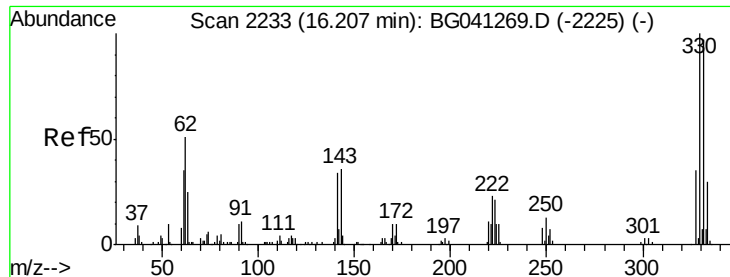
162 104.7 82.8 124.2

160 44.7 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: 149.219 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

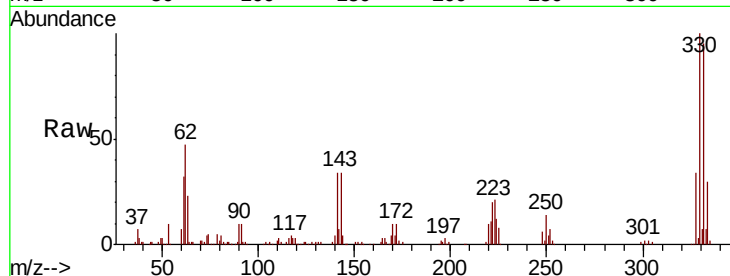
Tot Ion:330 Resp: 165195

Ion Ratio Lower Upper

330 100

332 96.4 75.5 113.3

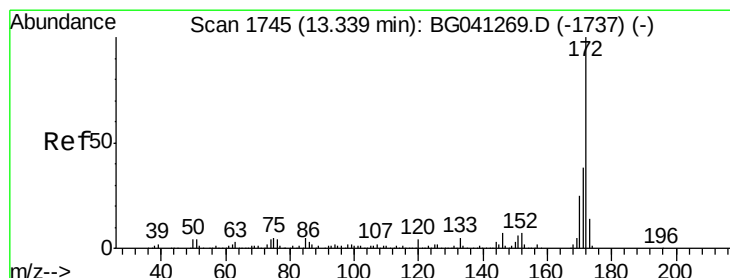
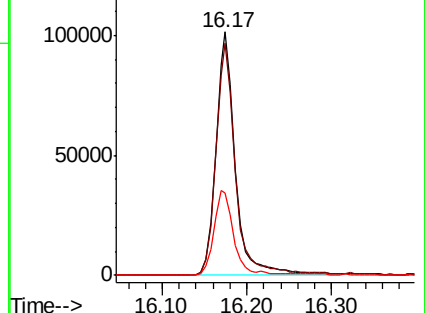
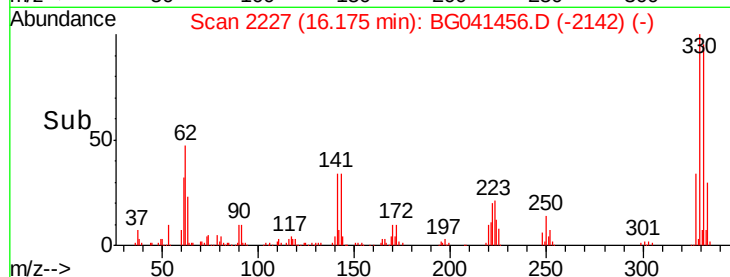
141 36.2 29.0 43.4



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: 103.207 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

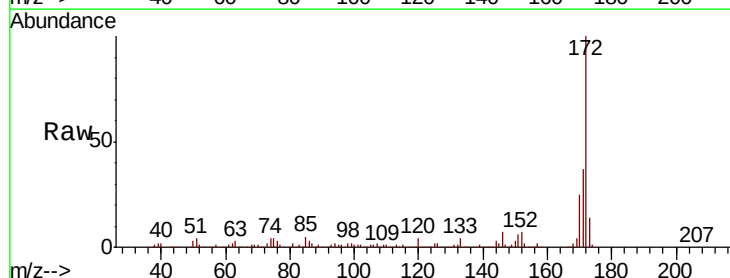
Tgt Ion:172 Resp: 547573

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

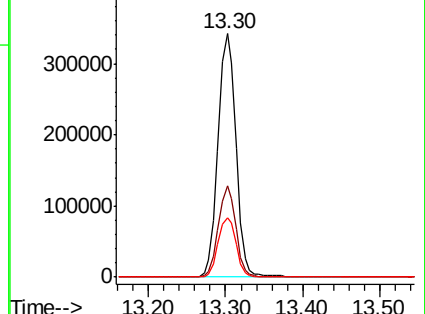
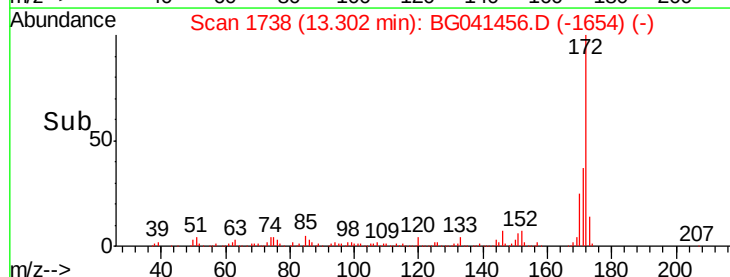
170 24.6 19.8 29.6

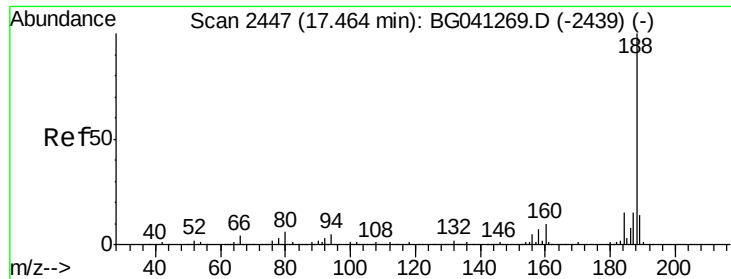


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

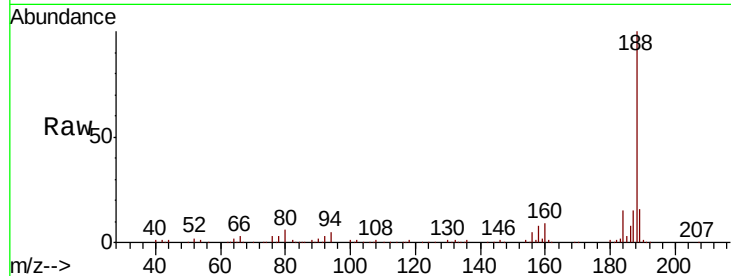
Tot Ion:188 Resp: 184512

Ion Ratio Lower Upper

188 100

94 4.6 3.6 5.4

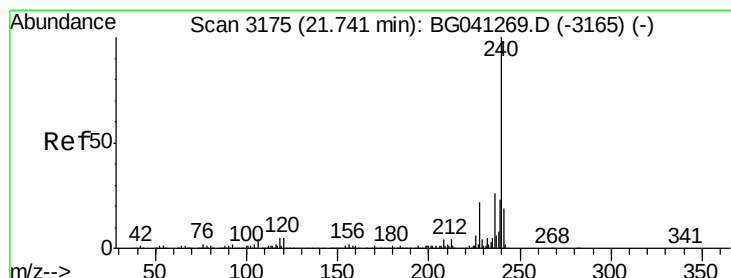
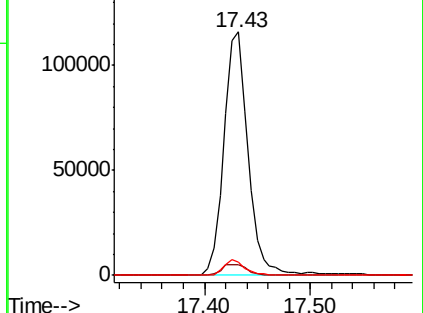
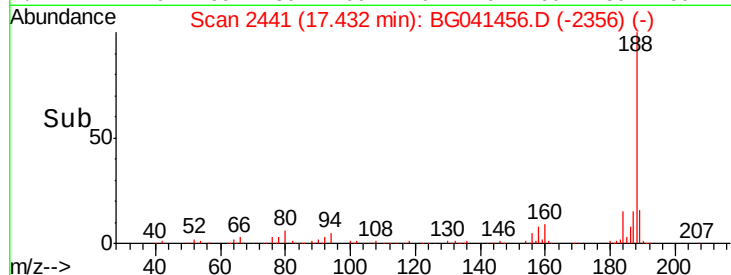
80 5.6 4.8 7.2



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# 3167

Delta R.T. -0.04 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

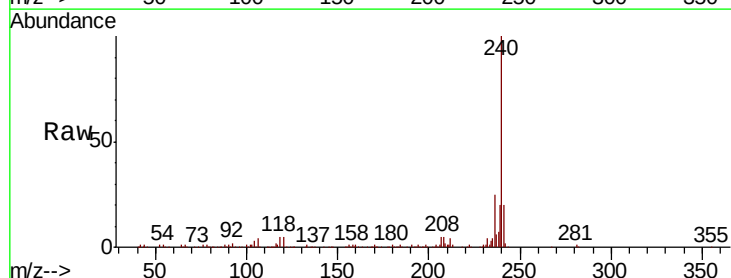
Tgt Ion:240 Resp: 199840

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

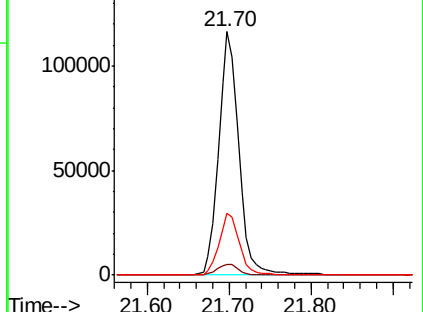
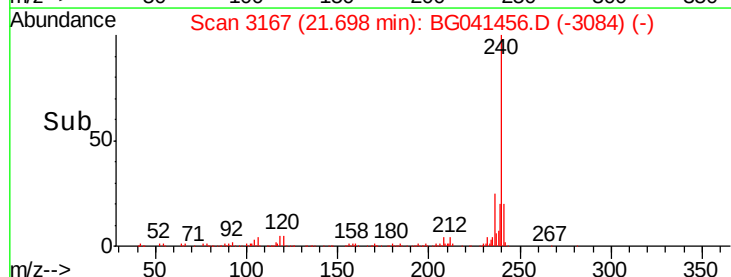
236 25.3 21.1 31.7

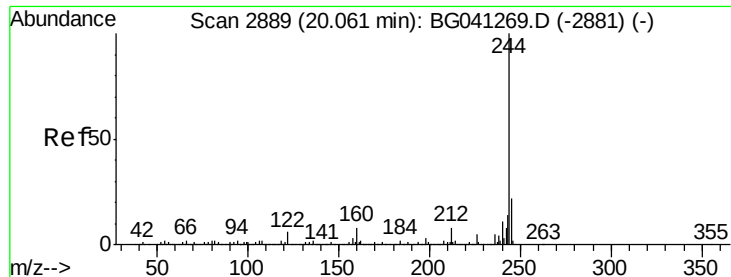


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.874 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

Instrument :

BNA_G

ClientSampleId :

HD-02-062419

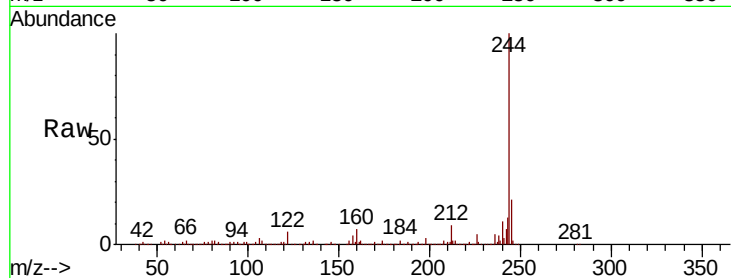
Tot Ion:244 Resp: 1077700

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

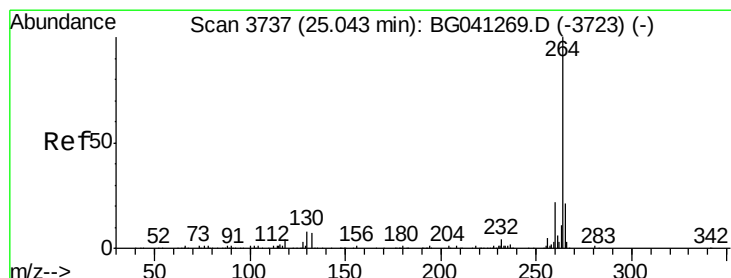
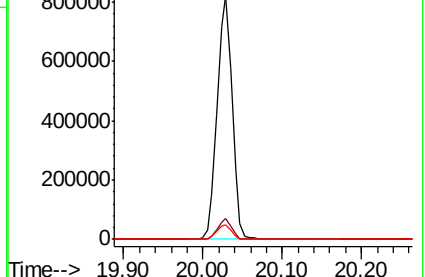
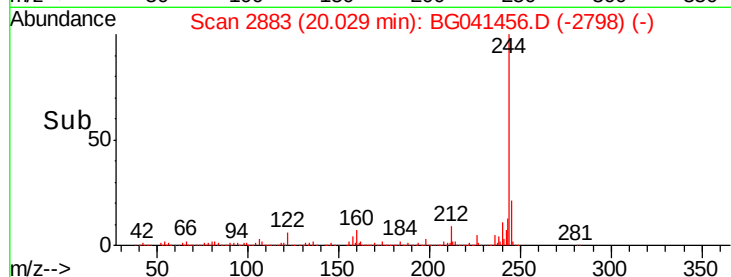
122 6.0 5.0 7.4



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: 24.98 min Scan# 3726

Delta R.T. -0.06 min

Lab File: BG041456.D

Acq: 25 Jun 2019 22:50

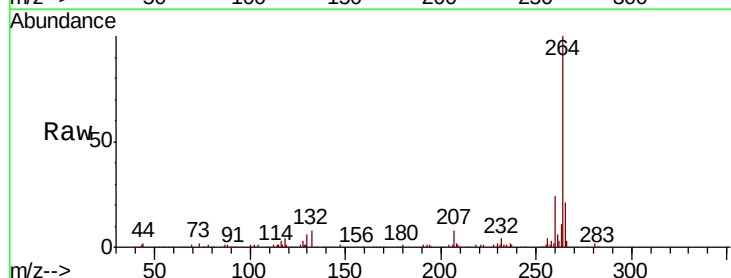
Tgt Ion:264 Resp: 207028

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.2

265 21.4 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

