

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040555.D
 Acq On : 18 Apr 2019 7:53
 Operator : JU/SJ
 Sample : K2198-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-041619

Quant Time: Apr 18 08:38:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75539	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	212872	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	127974	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	341813	20.00	ng	0.00
76) Chrysene-d12	21.69	240	358777	20.00	ng	0.00
87) Perylene-d12	24.97	264	383113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	426316	93.82	ng	0.00
7) Phenol-d6	7.20	99	519346	82.70	ng	0.00
23) Nitrobenzene-d5	9.22	82	396231	98.94	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	214427	155.04	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1037191	120.09	ng	0.00
79) Terphenyl-d14	20.02	244	1985066	124.47	ng	0.00

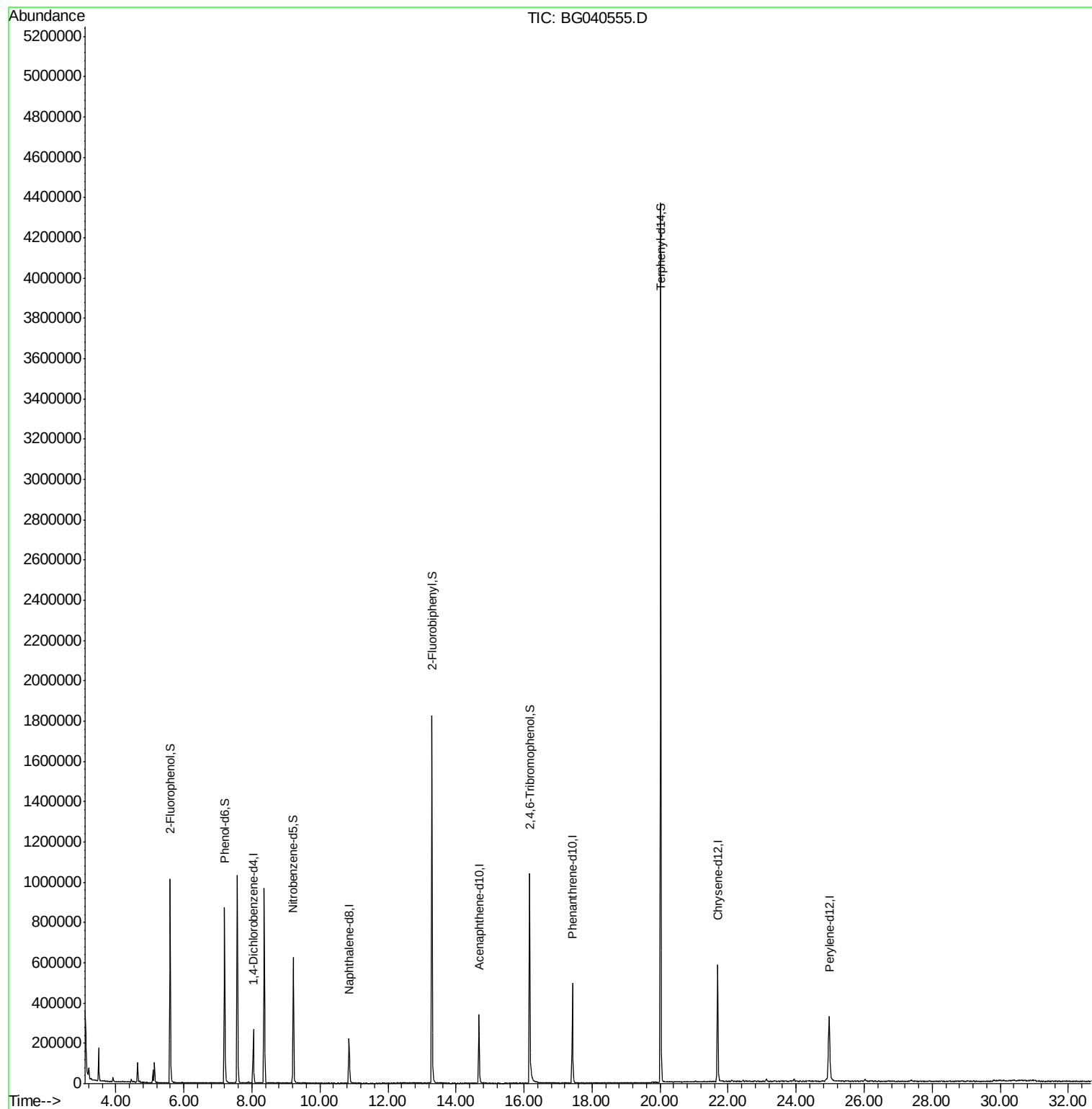
Target Compounds	Qvalue
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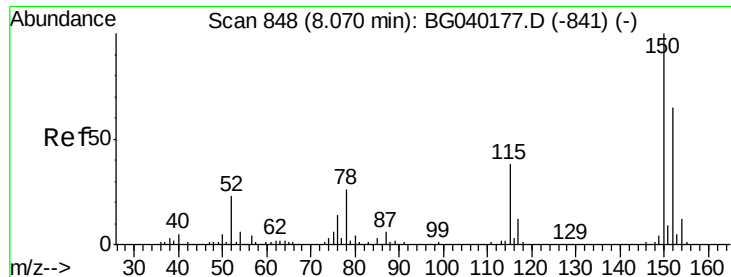
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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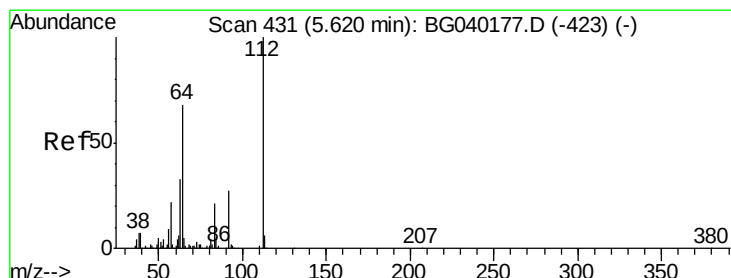
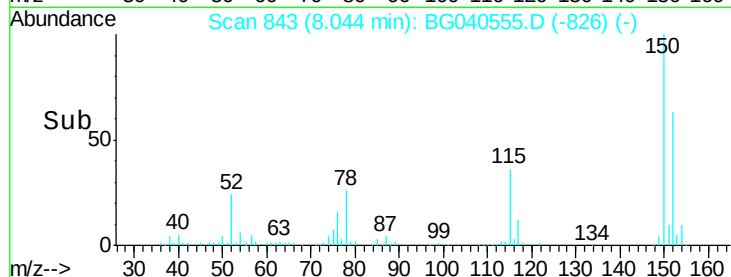
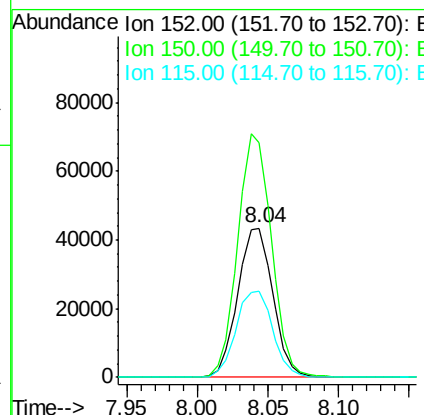
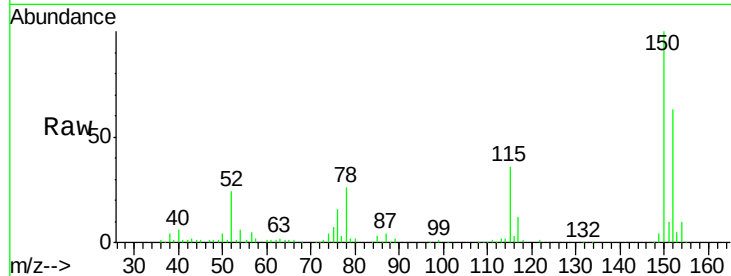




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040555.D
 Acq: 18 Apr 2019 7:53

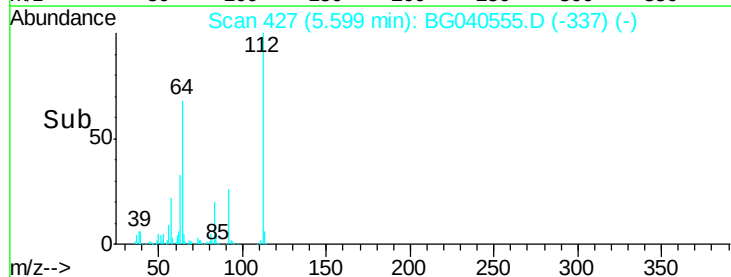
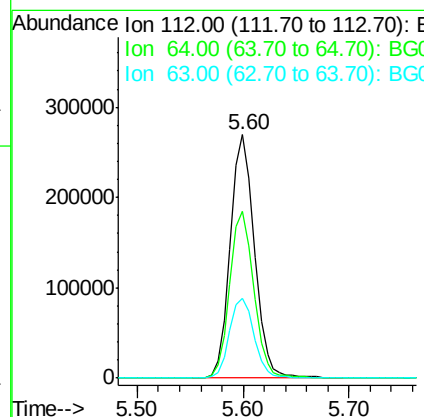
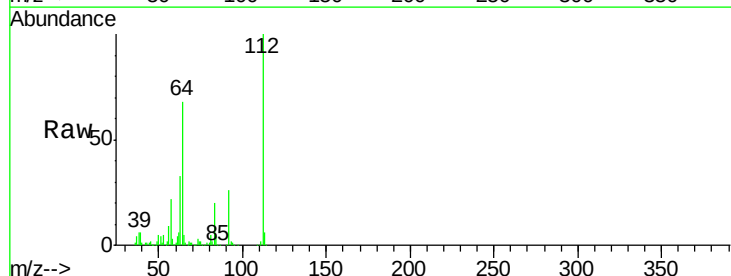
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-041619

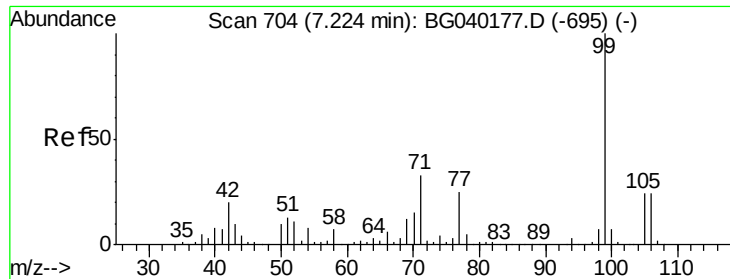
Tgt Ion:152 Resp: 75539
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.7 185.5
 115 57.4 46.9 70.3



#5
 2-Fluorophenol
 Concen: 93.821 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BG040555.D
 Acq: 18 Apr 2019 7:53

Tgt Ion:112 Resp: 426316
 Ion Ratio Lower Upper
 112 100
 64 68.3 54.2 81.2
 63 32.9 26.4 39.6





#7

Phenol-d6

Concen: 82.701 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Instrument :

BNA_G

ClientSampleId :

OK-02-041619

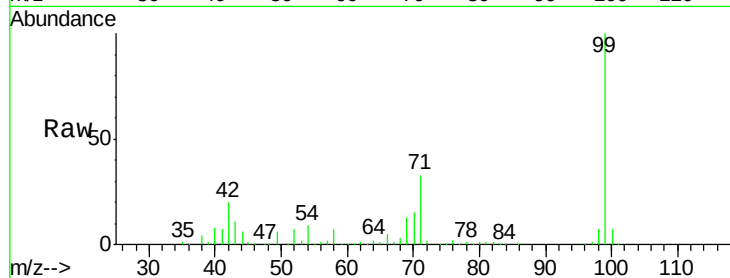
Tgt Ion: 99 Resp: 519346

Ion Ratio Lower Upper

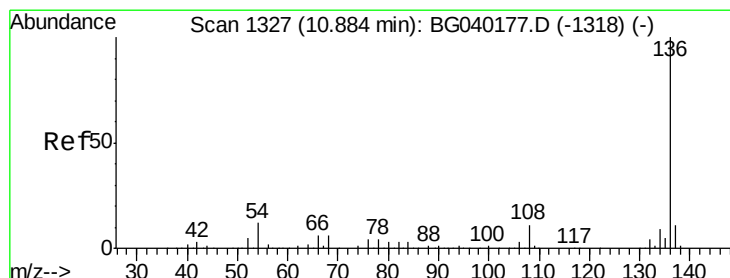
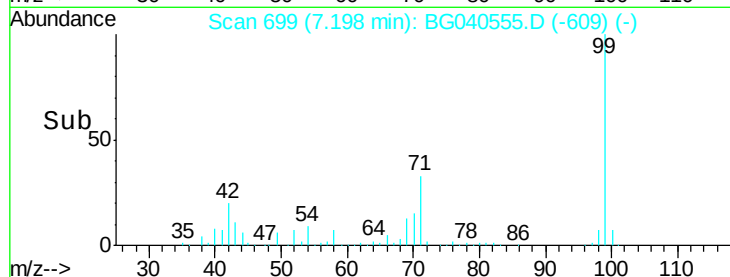
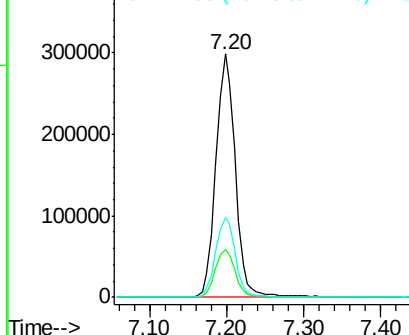
99 100

42 19.8 16.2 24.2

71 33.0 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Tgt Ion: 136 Resp: 212872

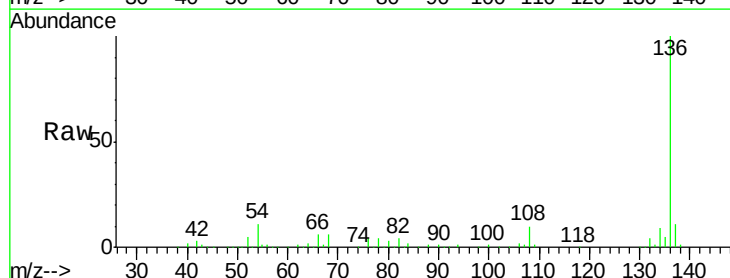
Ion Ratio Lower Upper

136 100

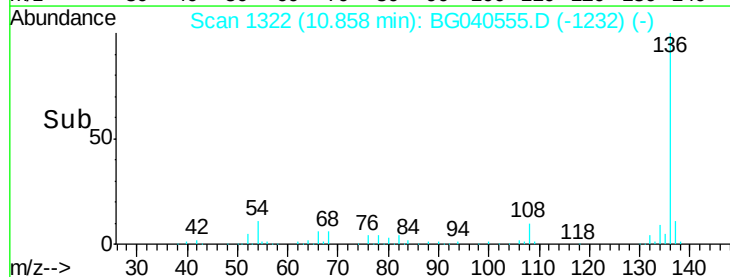
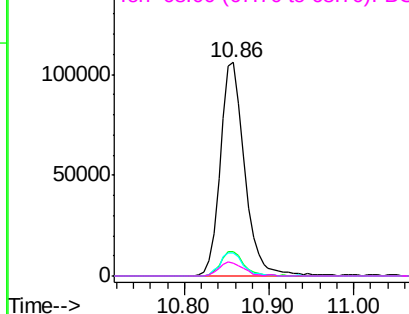
137 11.4 8.9 13.3

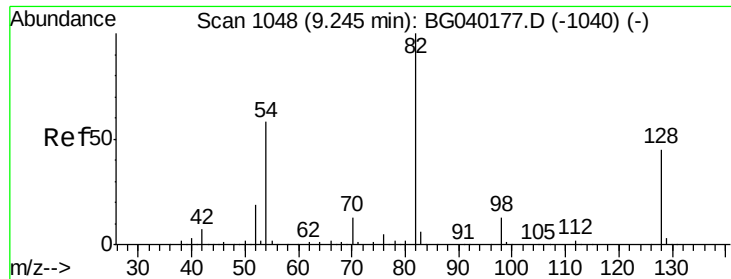
54 10.6 9.6 14.4

68 5.9 5.1 7.7



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

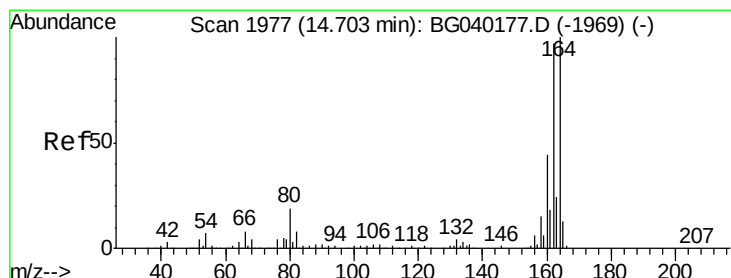
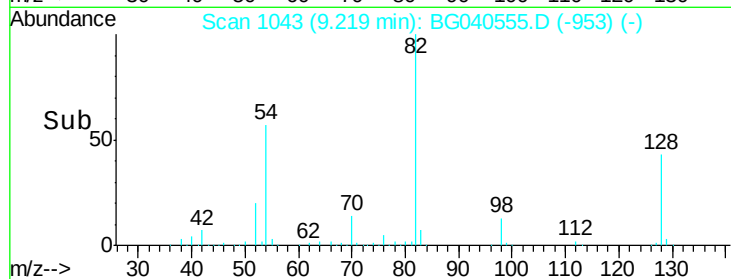
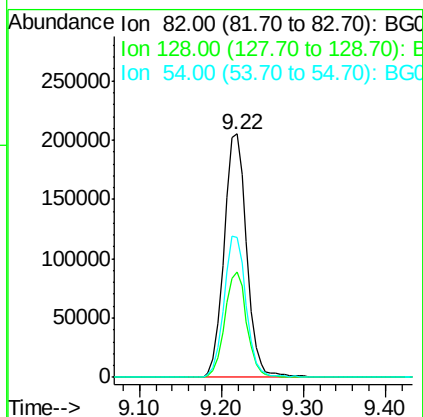
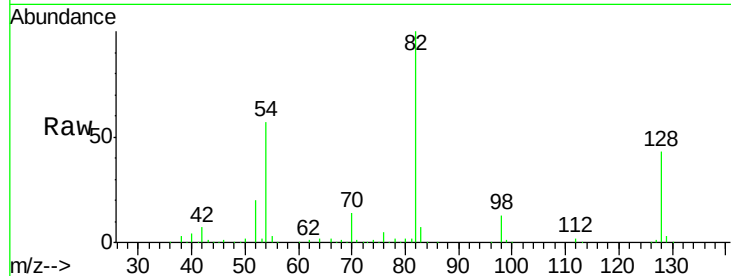




#23
 Nitrobenzene-d5
 Concen: 98.937 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040555.D
 Acq: 18 Apr 2019 7:53

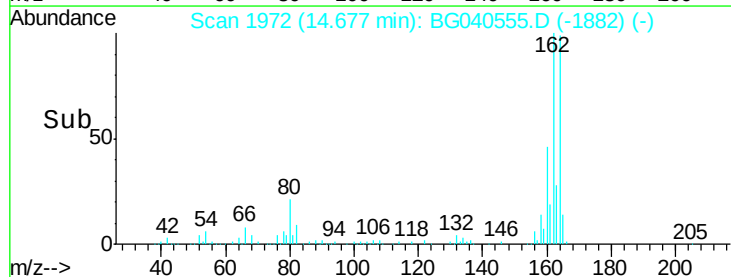
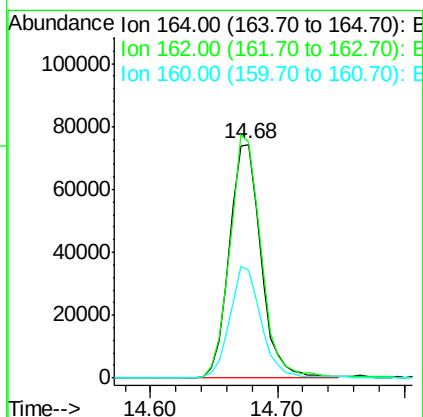
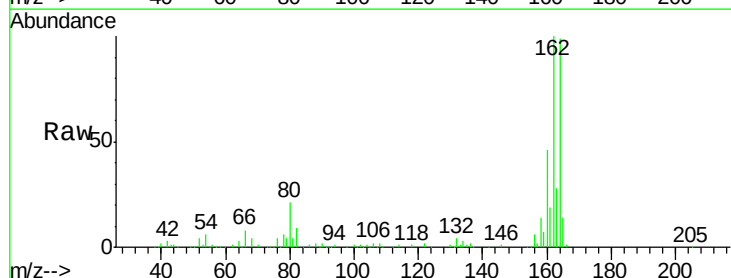
Instrument :
 BNA_G
 ClientSampled :
 OK-02-041619

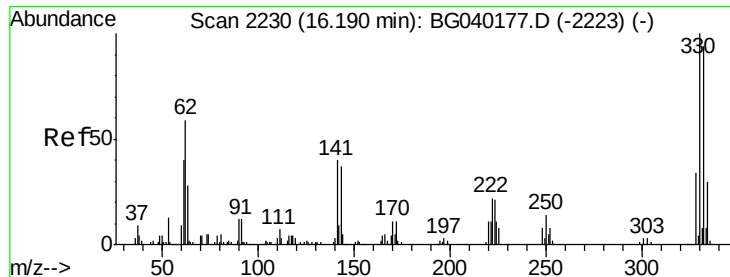
Tgt Ion: 82 Resp: 396231
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.8 53.8
 54 57.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040555.D
 Acq: 18 Apr 2019 7:53

Tgt Ion: 164 Resp: 127974
 Ion Ratio Lower Upper
 164 100
 162 101.1 77.4 116.2
 160 46.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 155.037 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Instrument :

BNA_G

ClientSampleId :

OK-02-041619

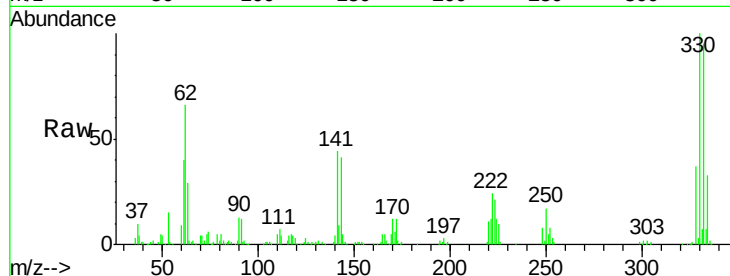
Tgt Ion:330 Resp: 214427

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

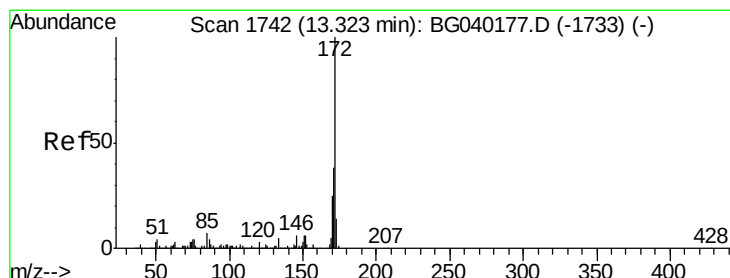
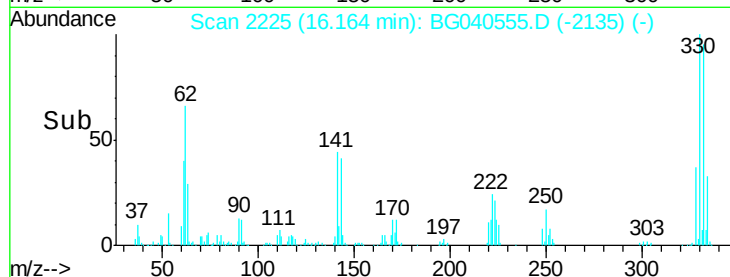
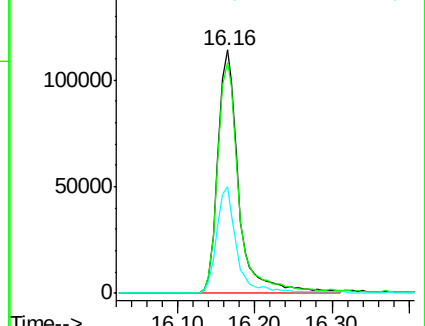
141 41.7 32.6 48.8



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: 120.092 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

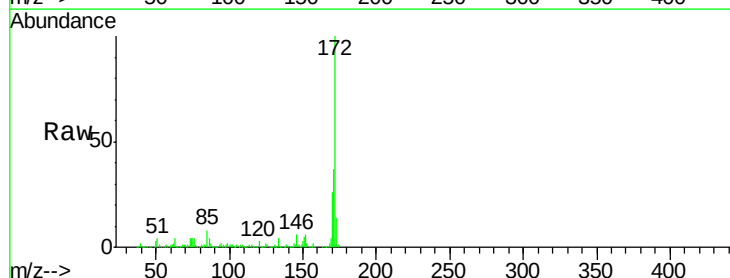
Tgt Ion:172 Resp: 1037191

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

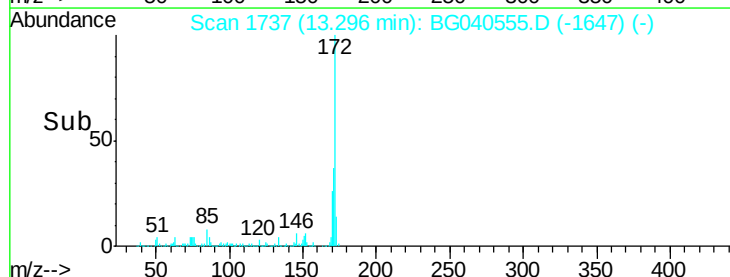
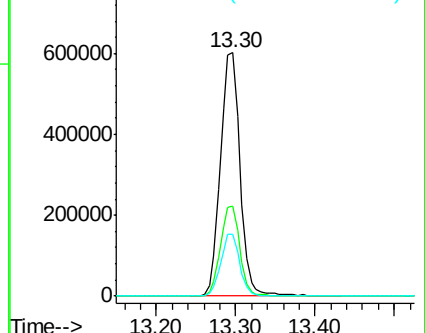
170 25.5 20.1 30.1

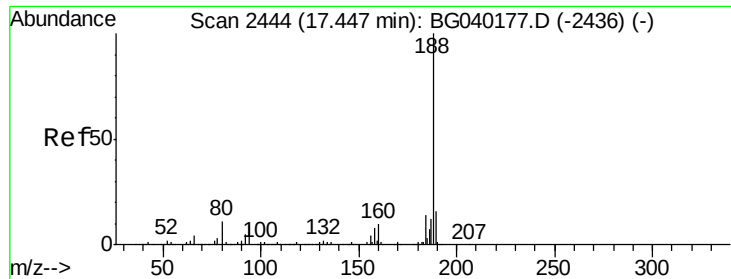


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Instrument :

BNA_G

ClientSampleId :

OK-02-041619

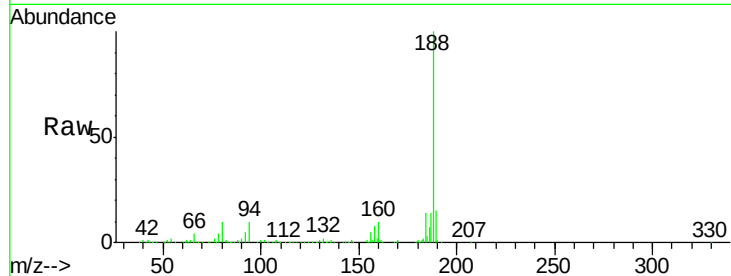
Tgt Ion:188 Resp: 341813

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

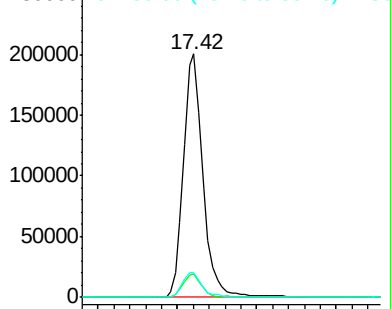
80 10.0 8.6 13.0



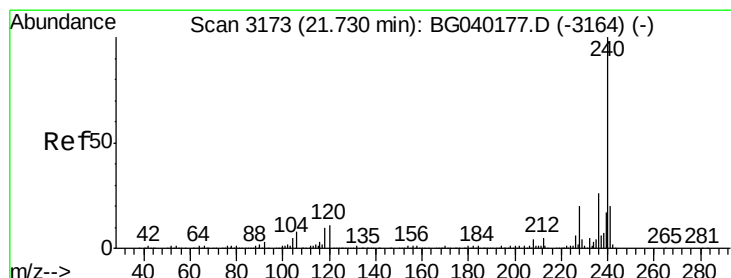
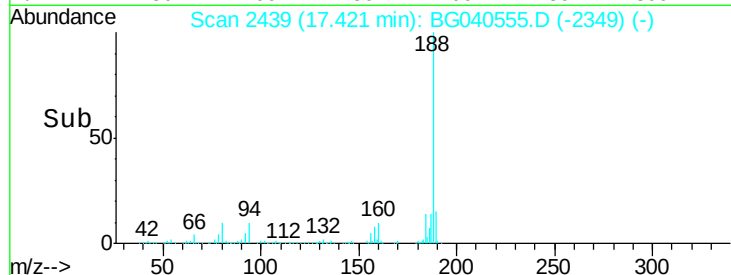
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

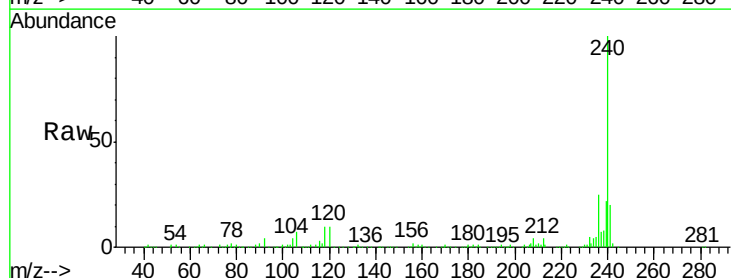
Tgt Ion:240 Resp: 358777

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

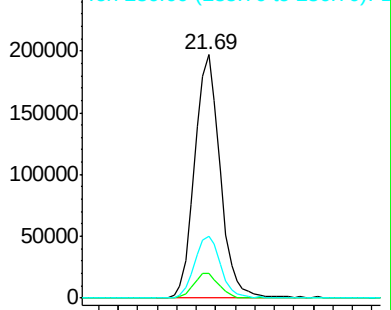
236 25.3 20.8 31.2



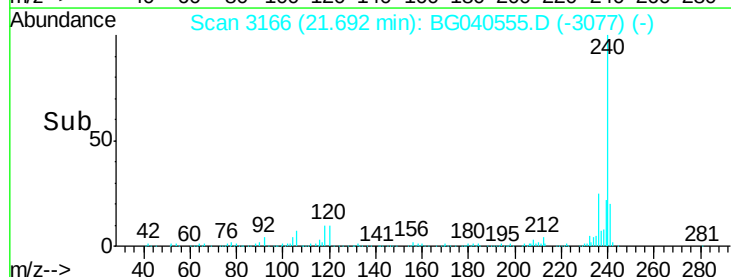
Abundance Ion 240.00 (239.70 to 240.70): E

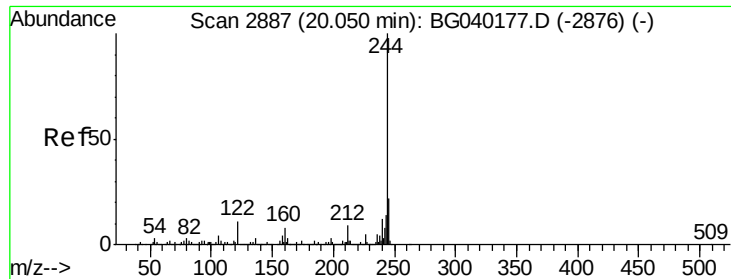
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#79

Terphenyl-d14

Concen: 124.470 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Instrument :

BNA_G

ClientSampleId :

OK-02-041619

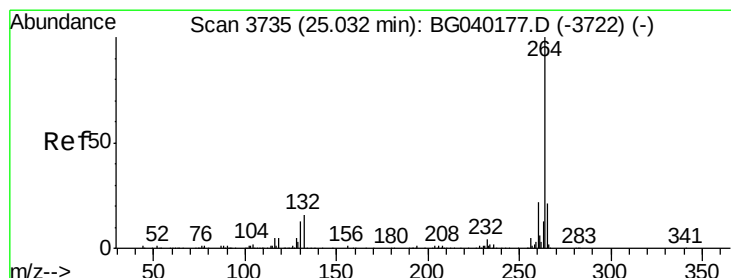
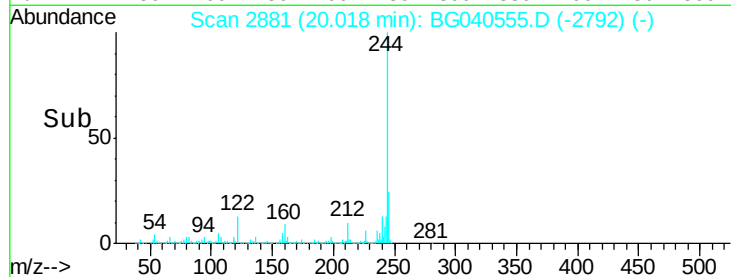
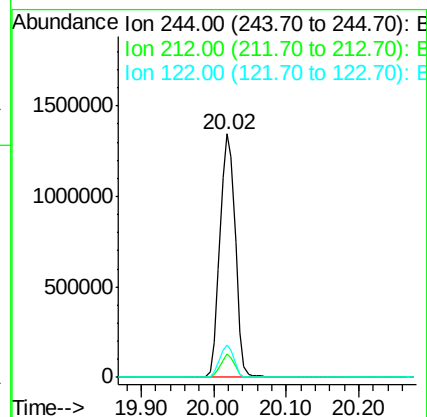
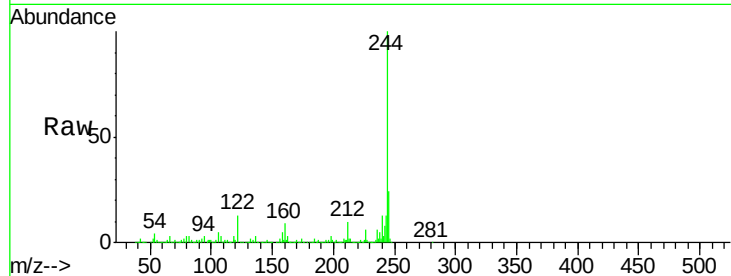
Tgt Ion:244 Resp: 1985066

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

122 13.5 8.5 12.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040555.D

Acq: 18 Apr 2019 7:53

Tgt Ion:264 Resp: 383113

Ion Ratio Lower Upper

264 100

260 24.2 17.9 26.9

265 21.8 16.8 25.2

