

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040554.D
 Acq On : 18 Apr 2019 7:14
 Operator : JU/SJ
 Sample : K2442-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Quant Time: Apr 18 07:58:09 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	59903	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	227245	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	133705	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	350627	20.00	ng	0.00
76) Chrysene-d12	21.69	240	362092	20.00	ng	0.00
87) Perylene-d12	24.97	264	386094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	422896	117.36	ng	0.00
7) Phenol-d6	7.20	99	632743	127.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	508894	119.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	208777	144.48	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	840573	93.16	ng	0.00
79) Terphenyl-d14	20.02	244	1537521	95.53	ng	0.00

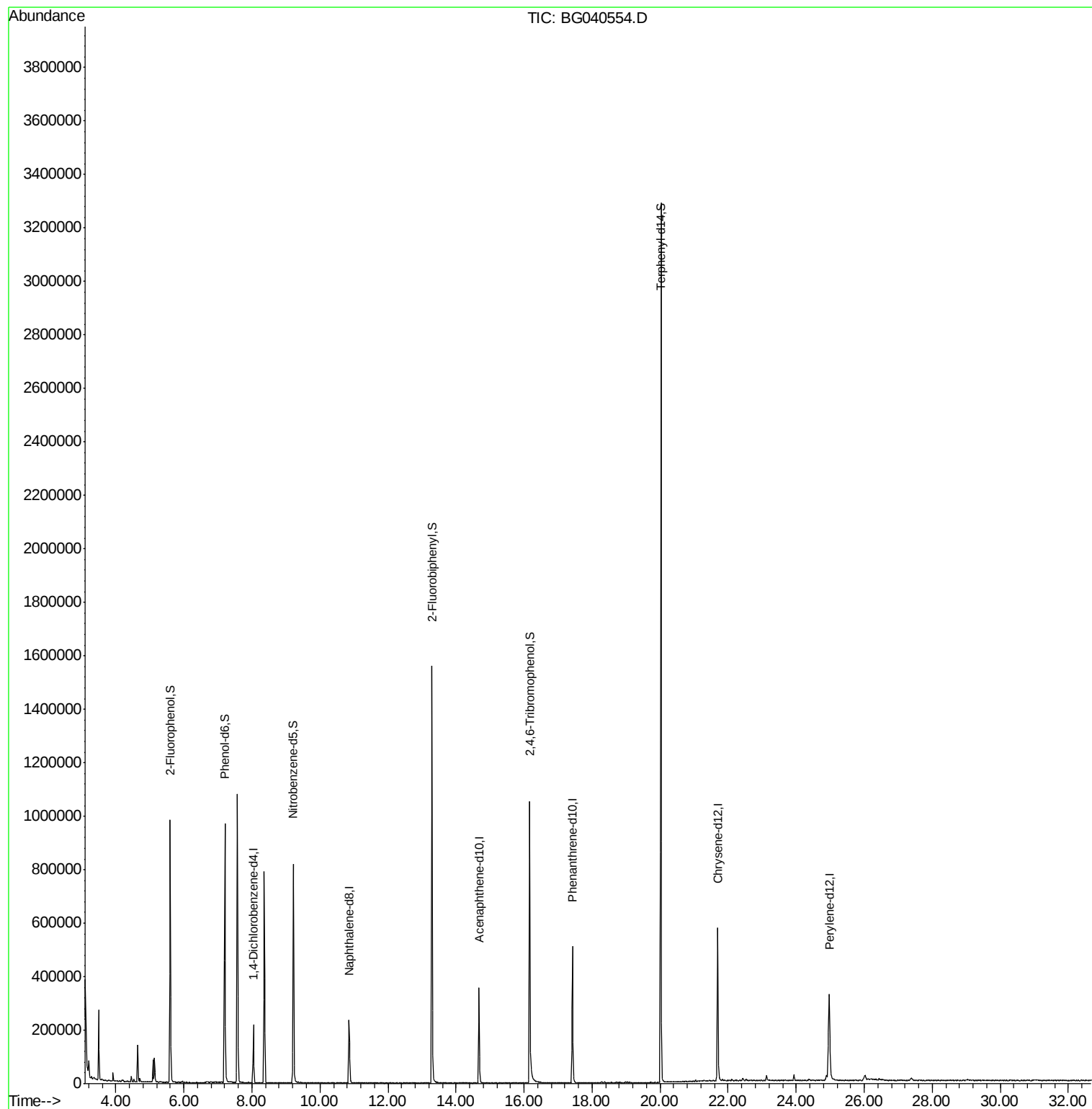
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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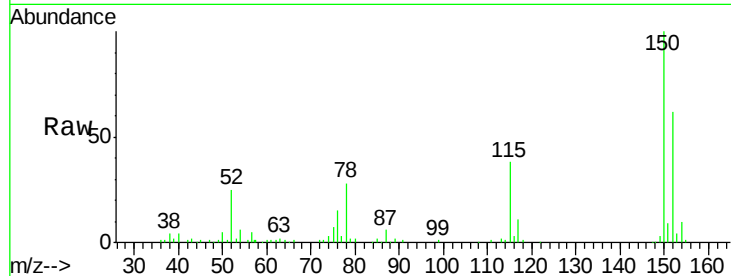


#1

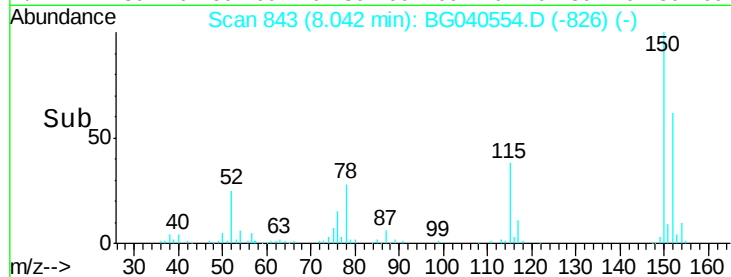
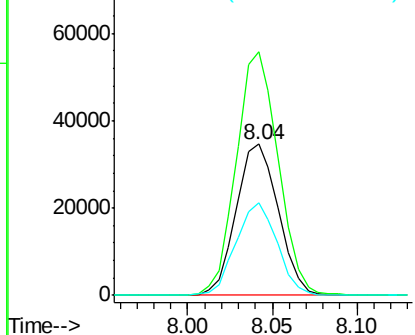
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040554.D
Acq: 18 Apr 2019 7:14

Instrument :
BNA_G
ClientSampleId :
TP-18-D

Tgt Ion:152 Resp: 59903
Ion Ratio Lower Upper
152 100
150 161.1 123.7 185.5
115 61.5 46.9 70.3



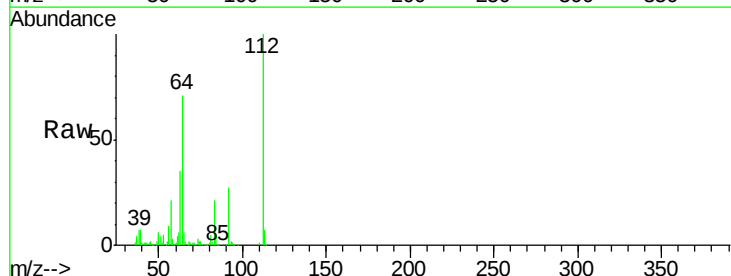
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



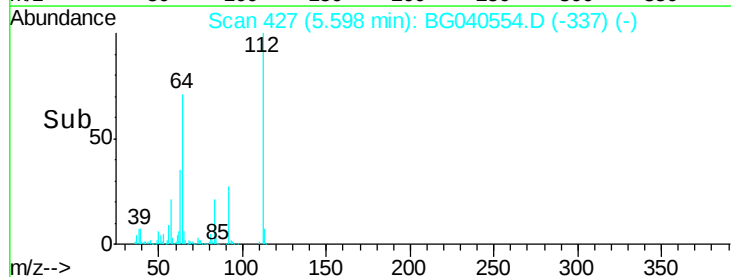
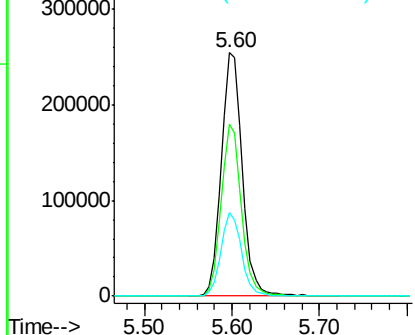
#5

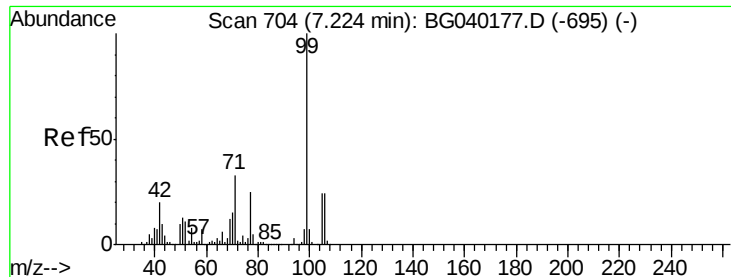
2-Fluorophenol
Concen: 117.361 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040554.D
Acq: 18 Apr 2019 7:14

Tgt Ion:112 Resp: 422896
Ion Ratio Lower Upper
112 100
64 70.6 54.2 81.2
63 34.6 26.4 39.6



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: 127.059 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040554.D

Acq: 18 Apr 2019 7:14

Instrument :

BNA_G

ClientSampleId :

TP-18-D

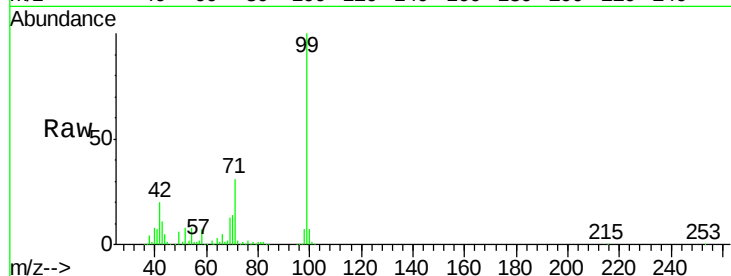
Tgt Ion: 99 Resp: 632743

Ion Ratio Lower Upper

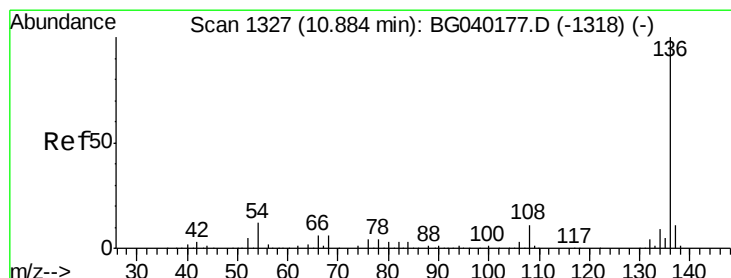
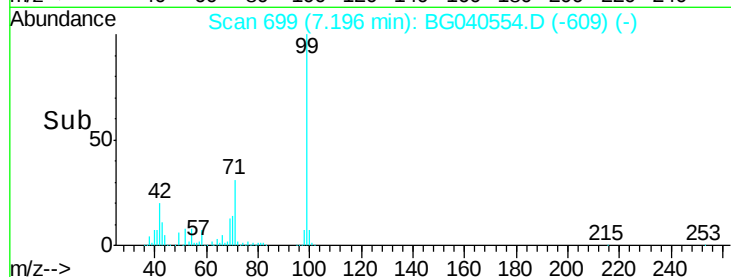
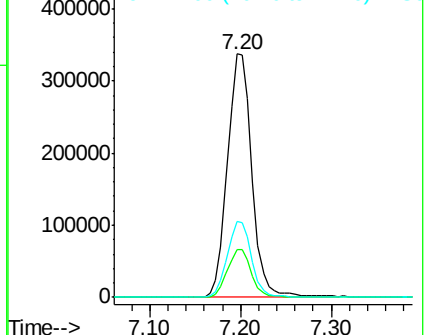
99 100

42 19.8 16.2 24.2

71 31.0 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: BG040554.D

Acq: 18 Apr 2019 7:14

Tgt Ion: 136 Resp: 227245

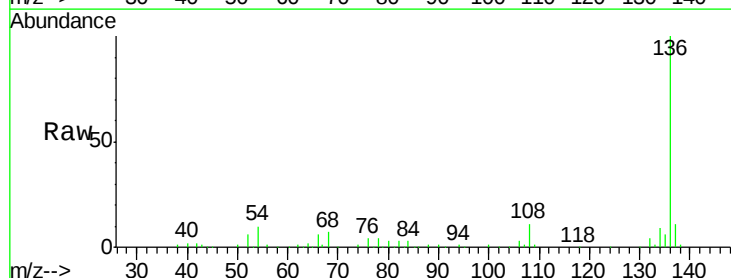
Ion Ratio Lower Upper

136 100

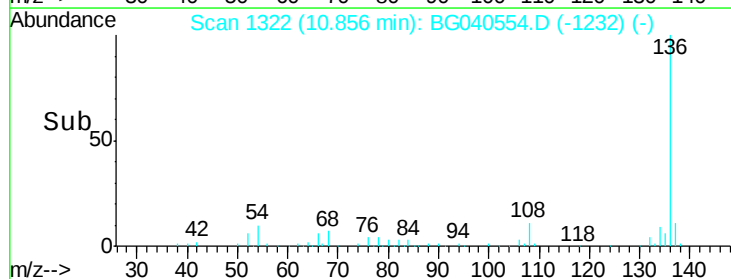
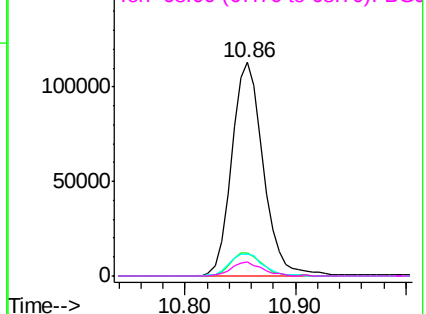
137 11.1 8.9 13.3

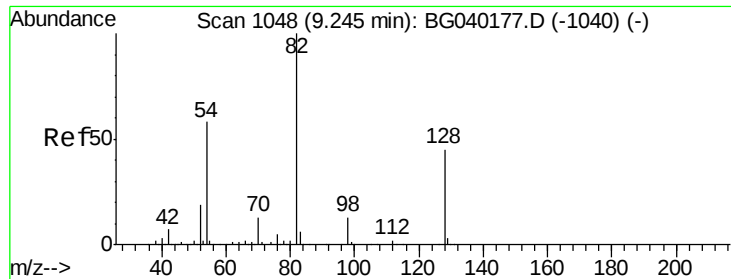
54 10.2 9.6 14.4

68 6.5 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

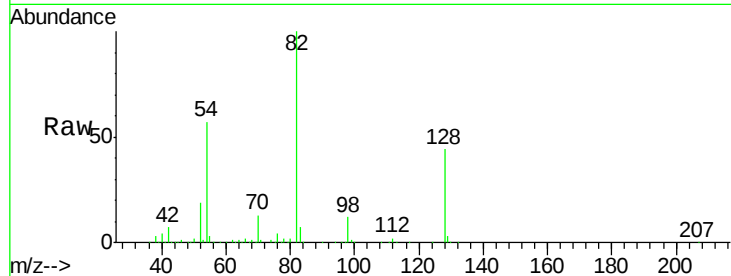




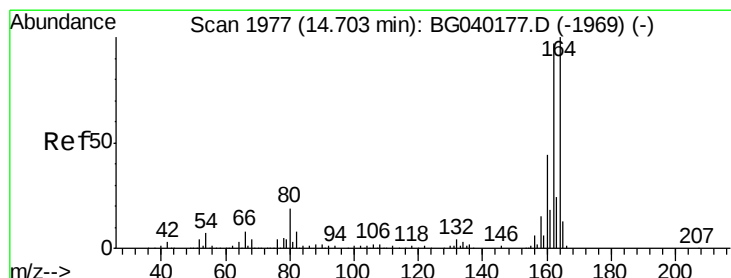
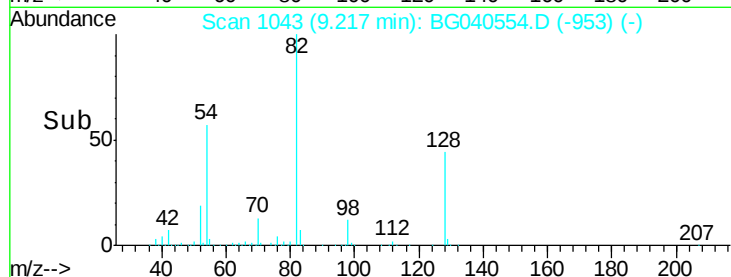
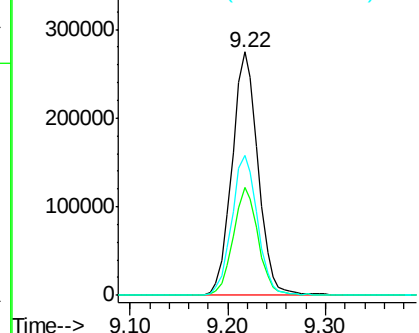
#23
 Nitrobenzene-d5
 Concen: 119.032 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040554.D
 Acq: 18 Apr 2019 7:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Tgt Ion: 82 Resp: 508894
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.8 53.8
 54 57.2 46.2 69.2

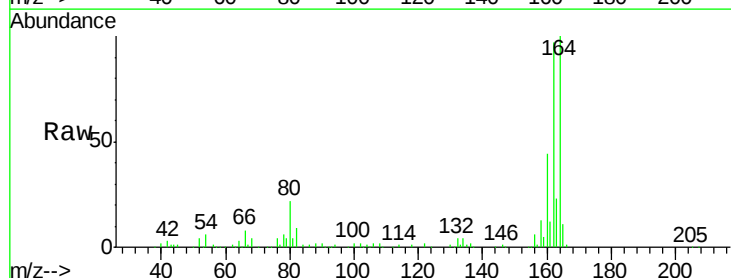


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

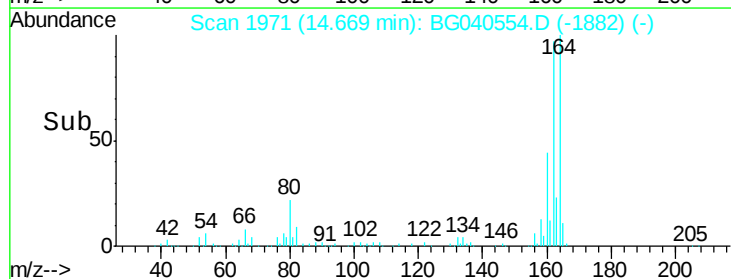
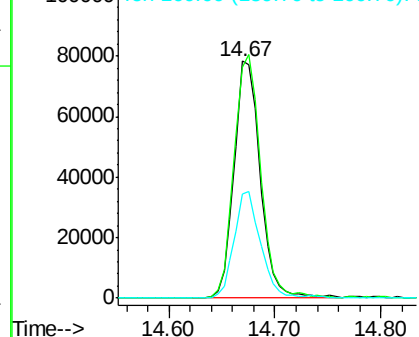


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG040554.D
 Acq: 18 Apr 2019 7:14

Tgt Ion: 164 Resp: 133705
 Ion Ratio Lower Upper
 164 100
 162 97.4 77.4 116.2
 160 43.8 35.3 52.9



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

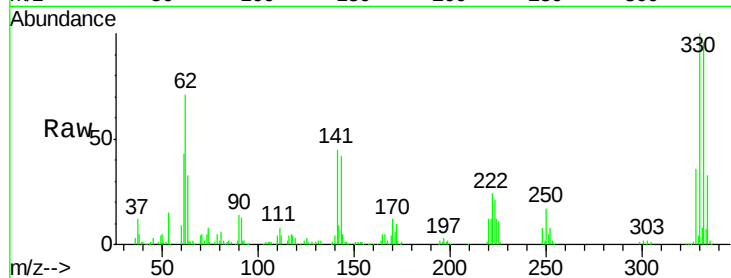




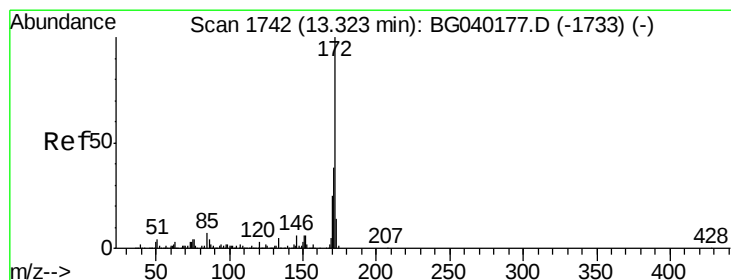
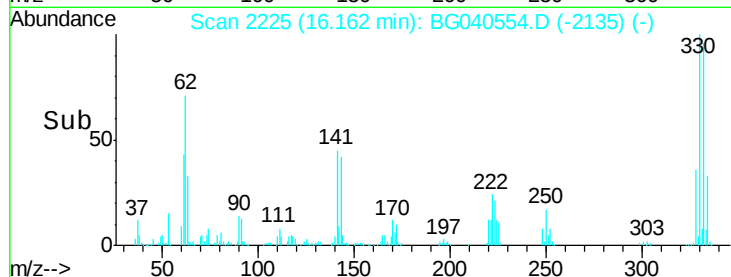
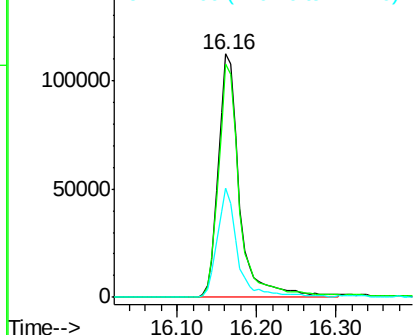
#42
 2,4,6-Tribromophenol
 Concen: 144.482 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040554.D
 Acq: 18 Apr 2019 7:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	43.2	32.6	48.8

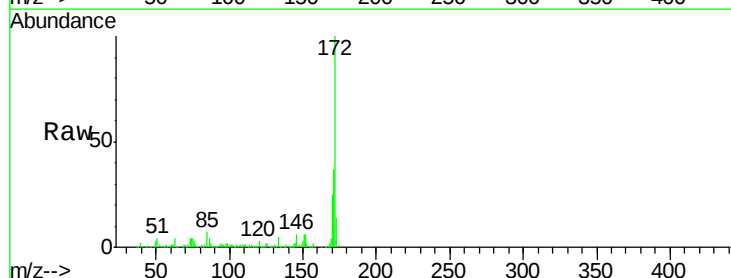


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

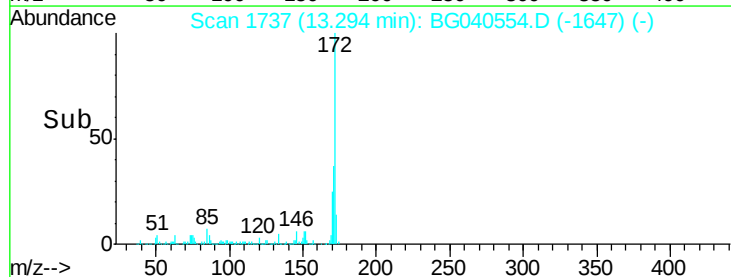
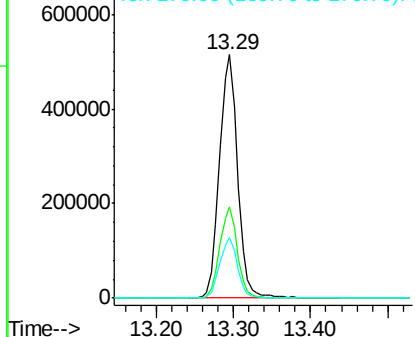


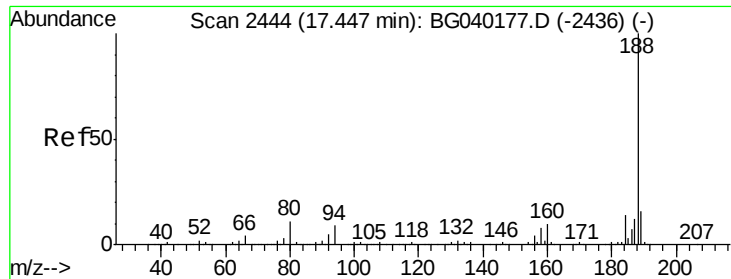
#45
 2-Fluorobiphenyl
 Concen: 93.155 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040554.D
 Acq: 18 Apr 2019 7:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.7	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: BG040554.D

Acq: 18 Apr 2019 7:14

Instrument :

BNA_G

ClientSampled :

TP-18-D

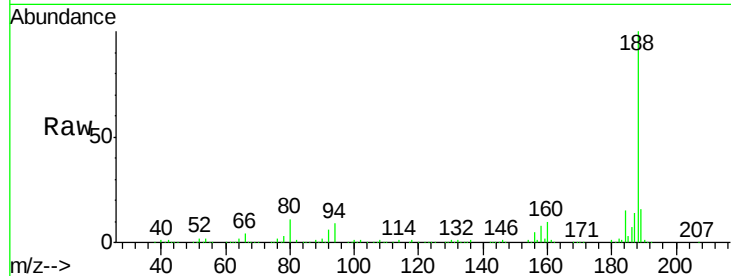
Tgt Ion:188 Resp: 350627

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

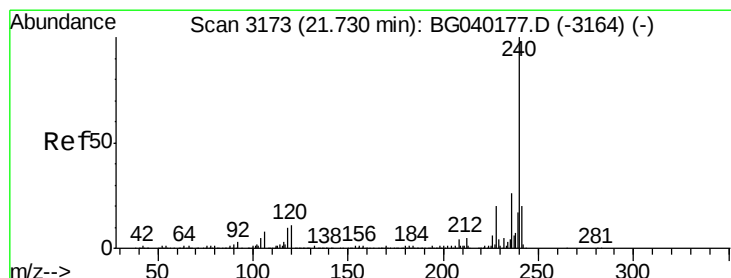
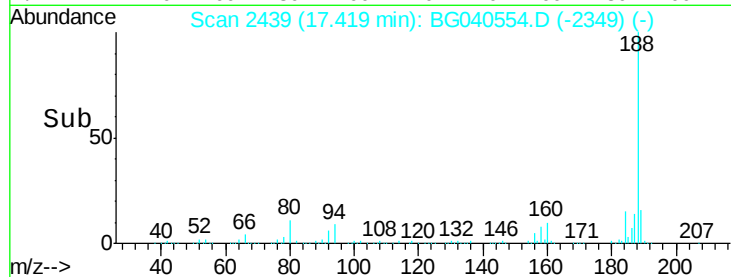
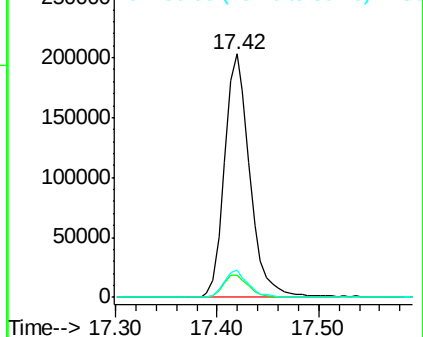
80 11.0 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040554.D

Acq: 18 Apr 2019 7:14

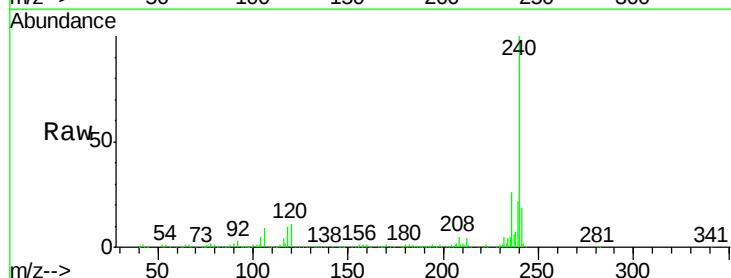
Tgt Ion:240 Resp: 362092

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

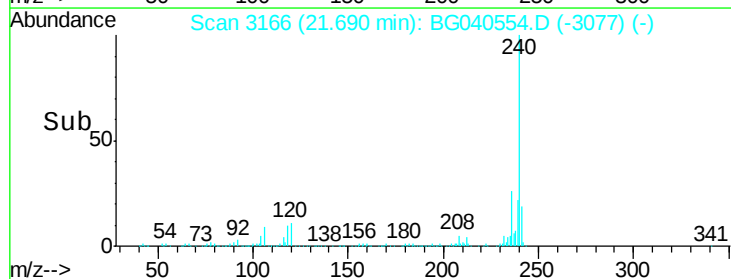
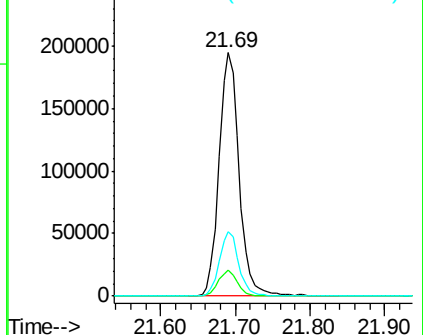
236 26.5 20.8 31.2



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





#79

Terphenyl-d14

Concen: 95.525 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040554.D

Acq: 18 Apr 2019 7:14

Instrument :

BNA_G

ClientSampled :

TP-18-D

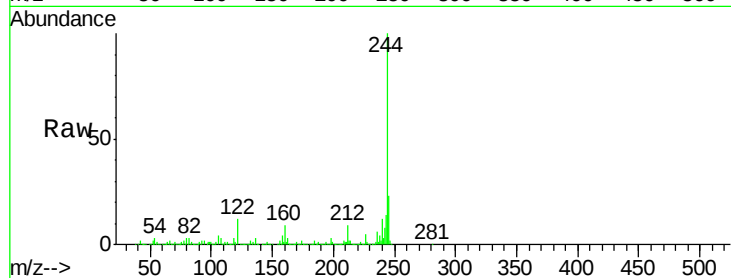
Tgt Ion:244 Resp: 1537521

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

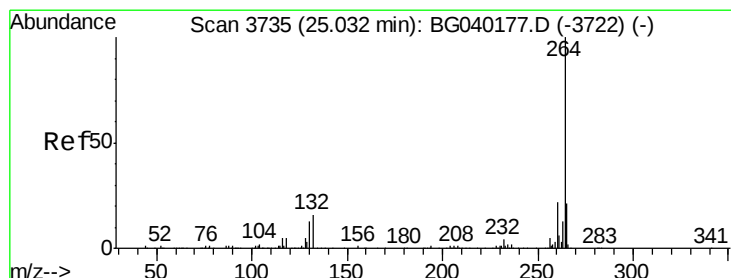
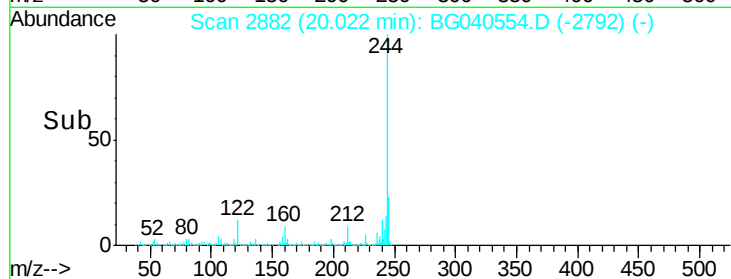
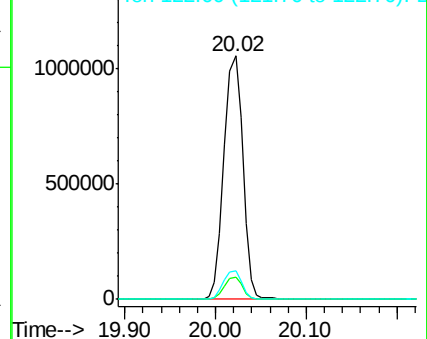
122 12.0 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040554.D

Acq: 18 Apr 2019 7:14

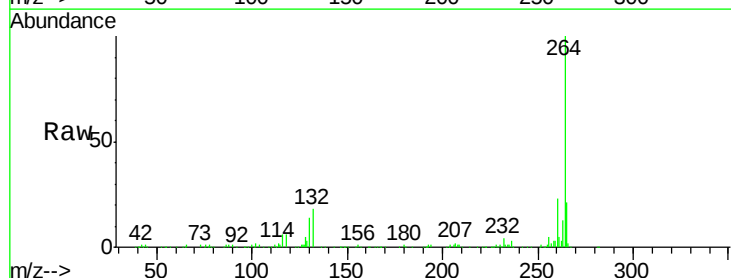
Tgt Ion:264 Resp: 386094

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.3 16.8 25.2



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

