

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040553.D
 Acq On : 18 Apr 2019 6:34
 Operator : JU/SJ
 Sample : K2441-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-S

Quant Time: Apr 18 07:49:58 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	56020	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218903	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	131335	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	349544	20.00	ng	0.00
76) Chrysene-d12	21.69	240	359684	20.00	ng	0.00
87) Perylene-d12	24.97	264	376477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	386783	114.78	ng	0.00
7) Phenol-d6	7.20	99	459107	98.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	516866	125.50	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	248686	175.21	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	797945	90.03	ng	0.00
79) Terphenyl-d14	20.02	244	1513281	94.65	ng	0.00

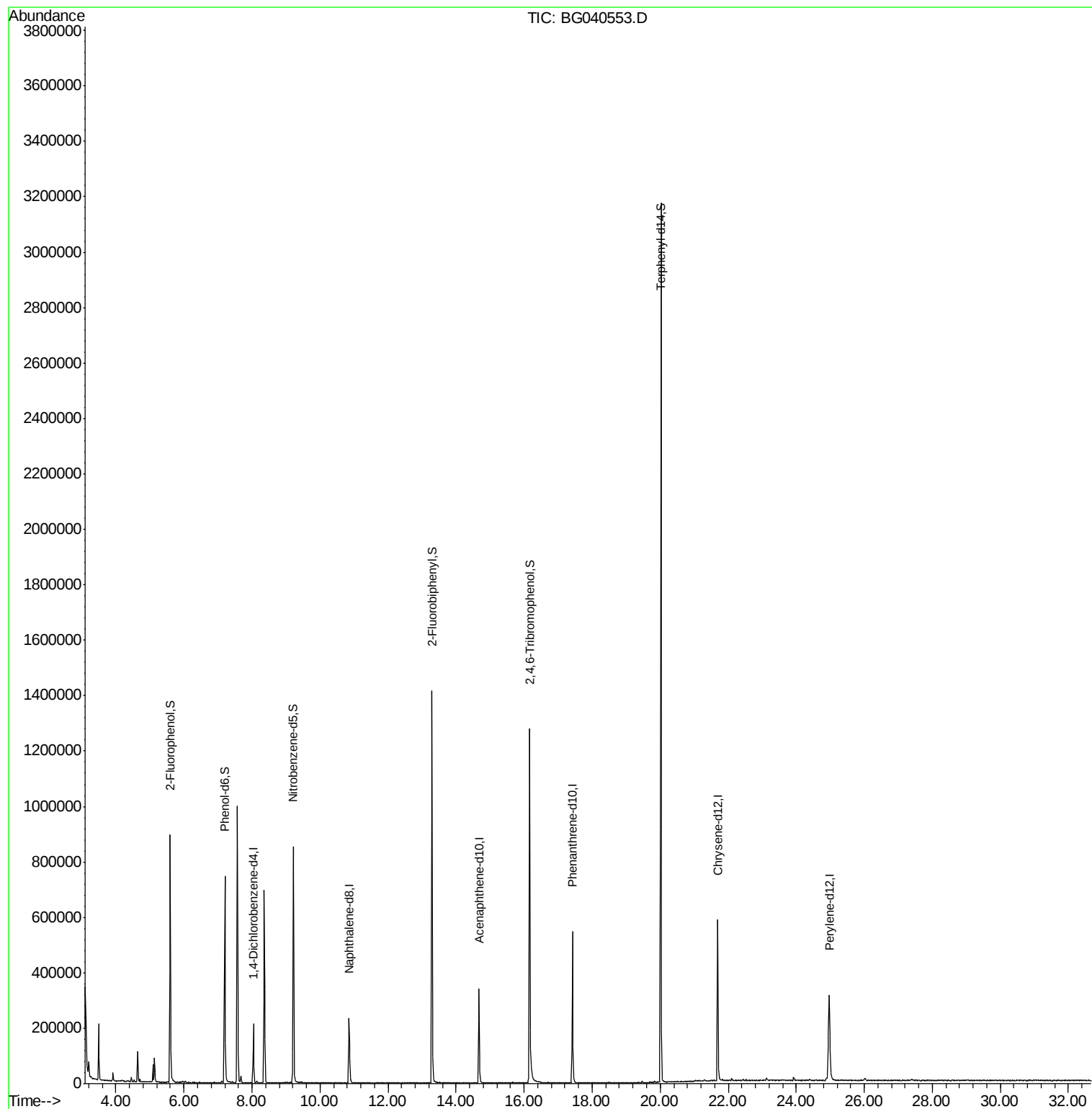
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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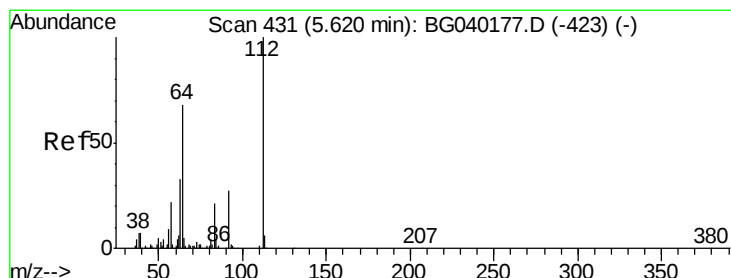
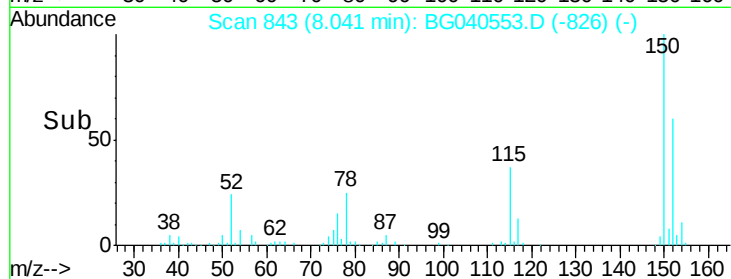
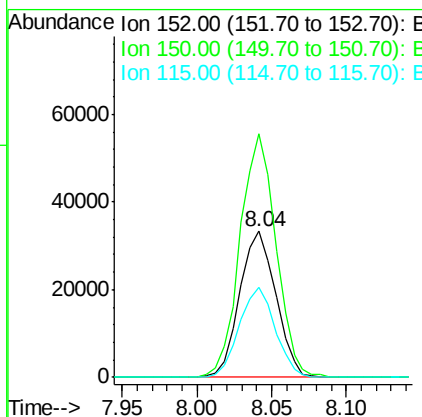
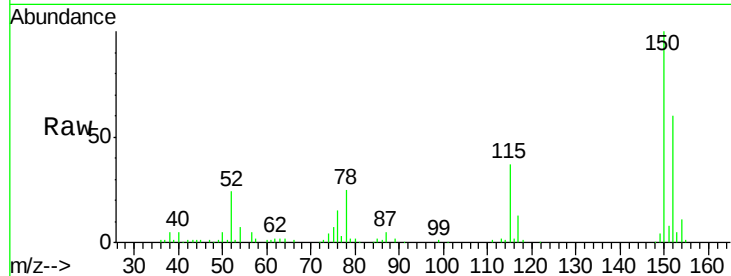




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

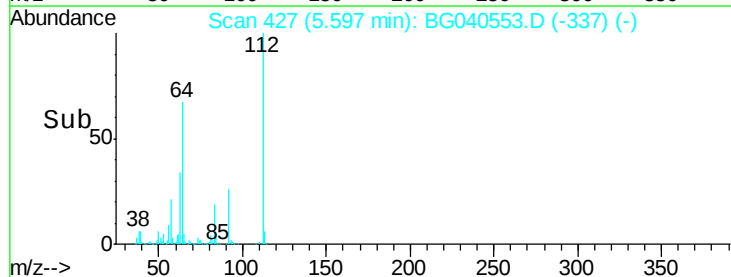
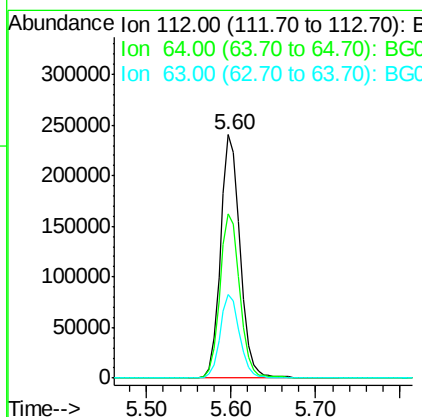
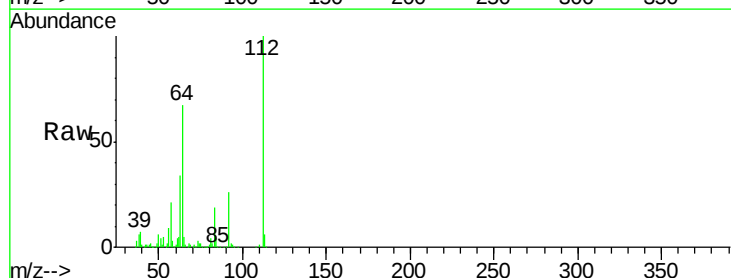
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-S

Tgt Ion:152 Resp: 56020
 Ion Ratio Lower Upper
 152 100
 150 167.0 123.7 185.5
 115 62.2 46.9 70.3



#5
 2-Fluorophenol
 Concen: 114.779 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

Tgt Ion:112 Resp: 386783
 Ion Ratio Lower Upper
 112 100
 64 67.3 54.2 81.2
 63 34.2 26.4 39.6





#7

Phenol-d6

Concen: 98.582 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040553.D

Acq: 18 Apr 2019 6:34

Instrument :

BNA_G

ClientSampleId :

TP-18-S

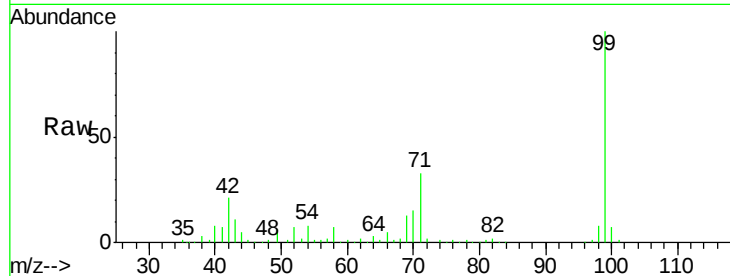
Tgt Ion: 99 Resp: 459107

Ion Ratio Lower Upper

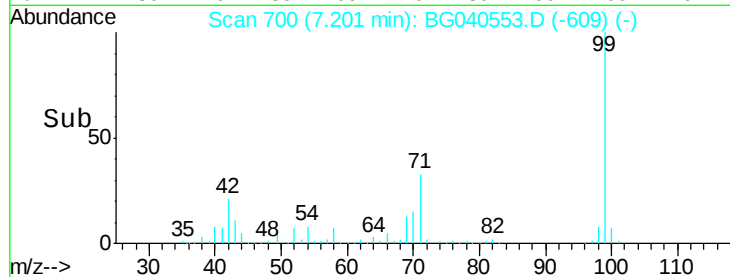
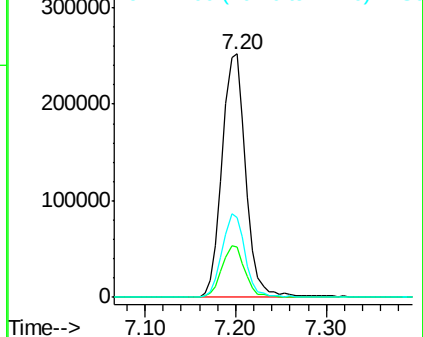
99 100

42 20.7 16.2 24.2

71 32.9 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: BG040553.D

Acq: 18 Apr 2019 6:34

Tgt Ion: 136 Resp: 218903

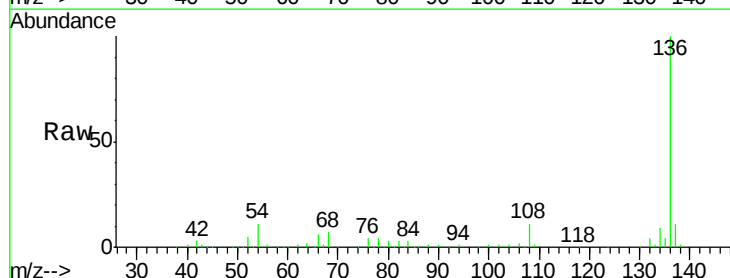
Ion Ratio Lower Upper

136 100

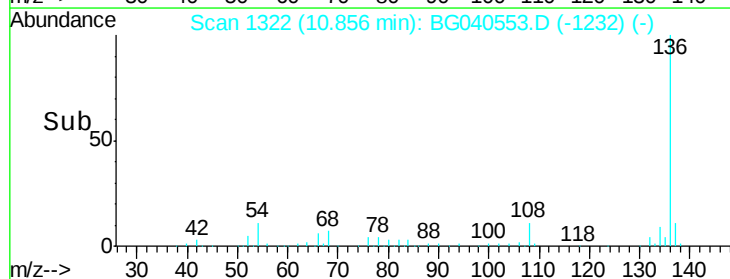
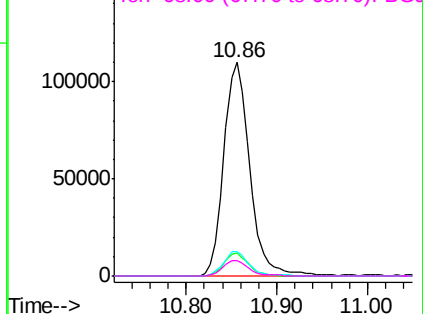
137 10.7 8.9 13.3

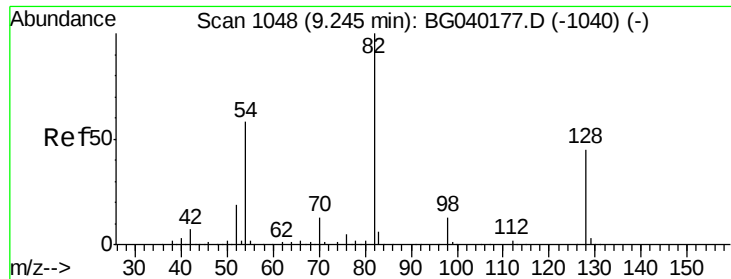
54 11.4 9.6 14.4

68 7.4 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

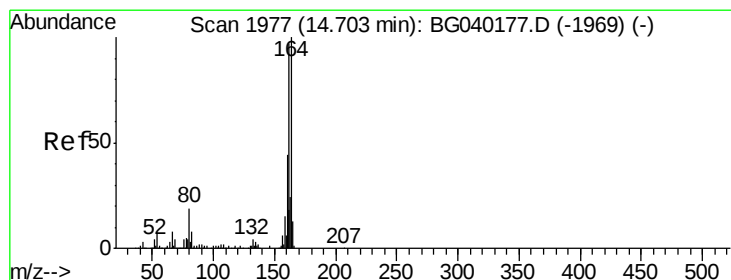
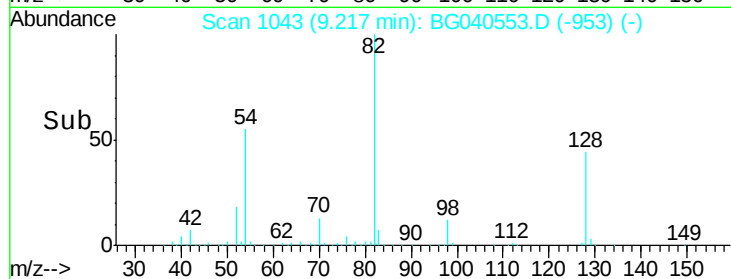
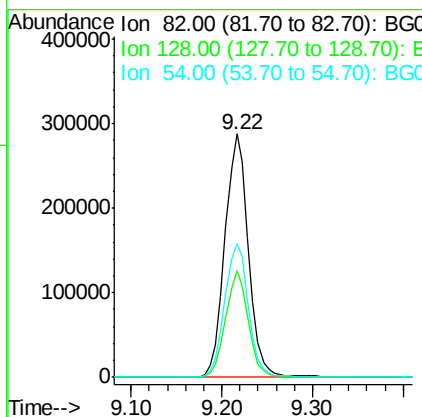
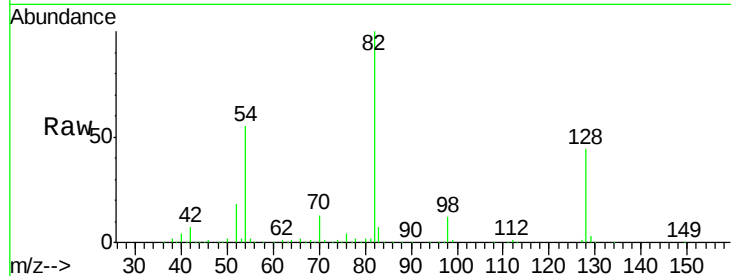




#23
 Nitrobenzene-d5
 Concen: 125.504 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

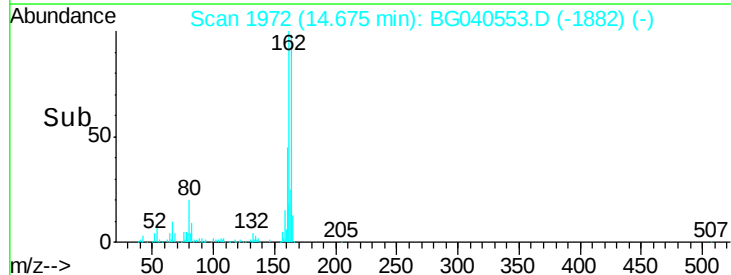
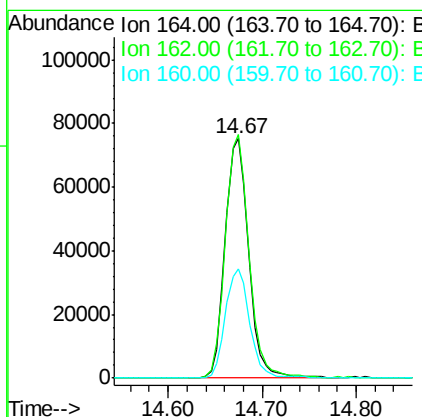
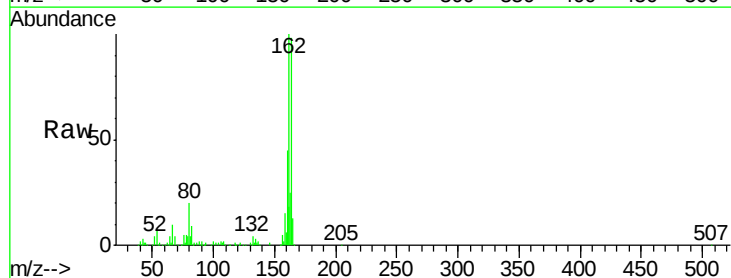
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-S

Tgt Ion	Resp	Lower	Upper
82	516866		
128	44.0	35.8	53.8
54	54.9	46.2	69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

Tgt Ion	Resp	Lower	Upper
164	131335		
162	101.7	77.4	116.2
160	45.4	35.3	52.9

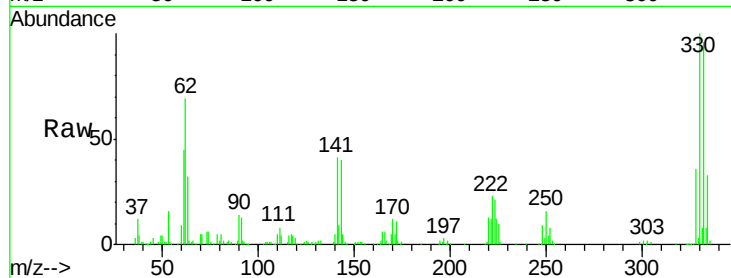




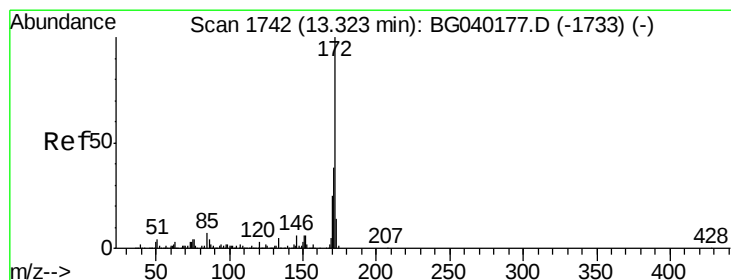
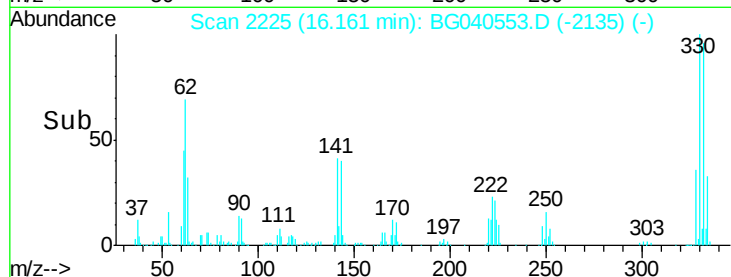
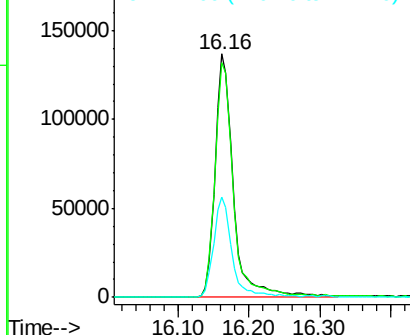
#42
 2,4,6-Tribromophenol
 Concen: 175.206 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-S

Tgt Ion:330 Resp: 248686
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 40.9 32.6 48.8

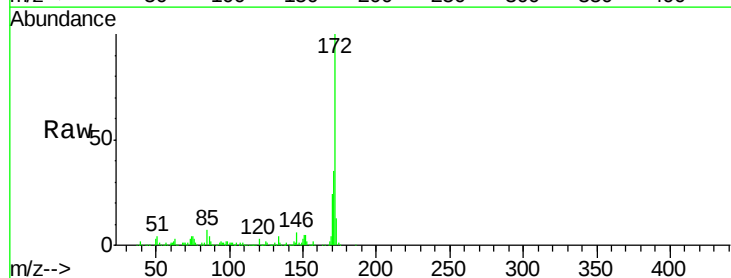


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

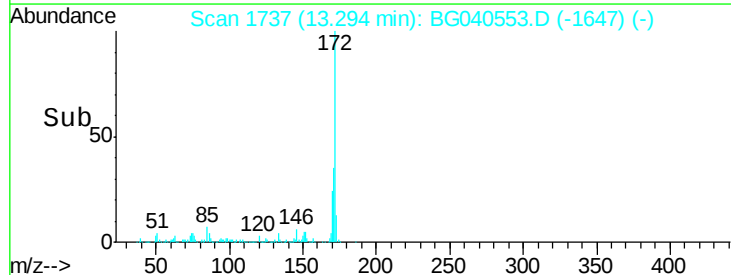
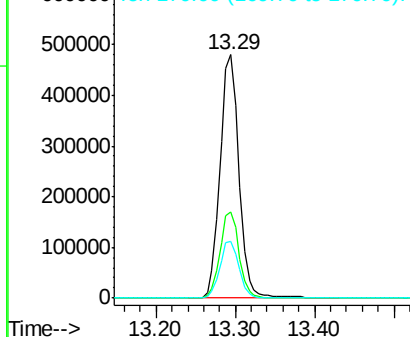


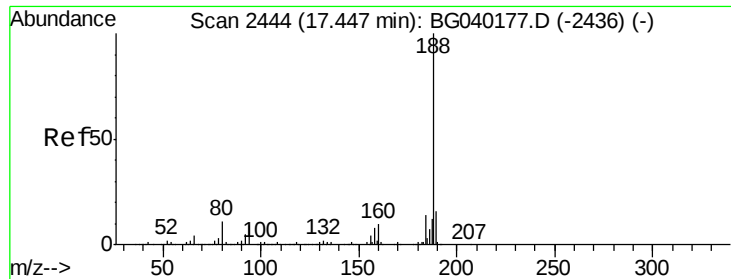
#45
 2-Fluorobiphenyl
 Concen: 90.027 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040553.D
 Acq: 18 Apr 2019 6:34

Tgt Ion:172 Resp: 797945
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.5 45.7
 170 23.5 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: BG040553.D

Acq: 18 Apr 2019 6:34

Instrument :

BNA_G

ClientSampleId :

TP-18-S

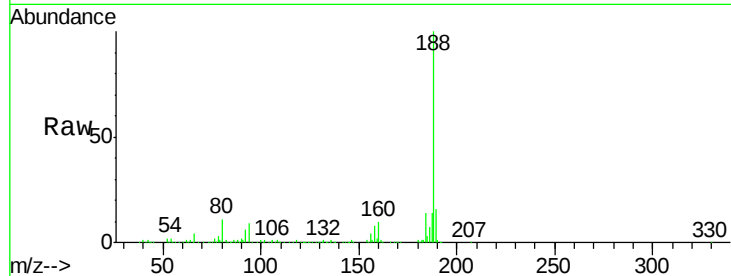
Tgt Ion:188 Resp: 349544

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

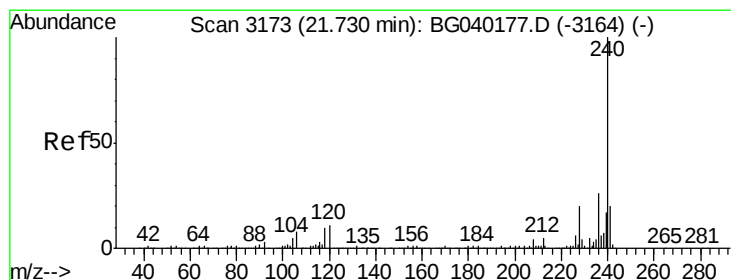
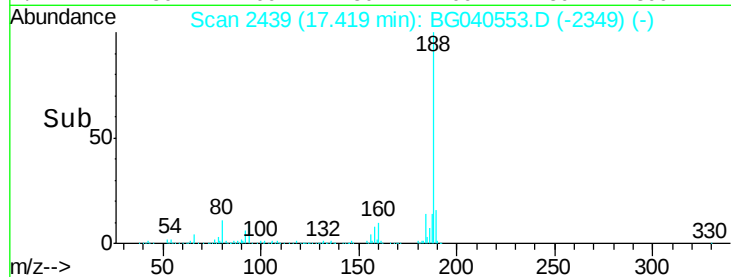
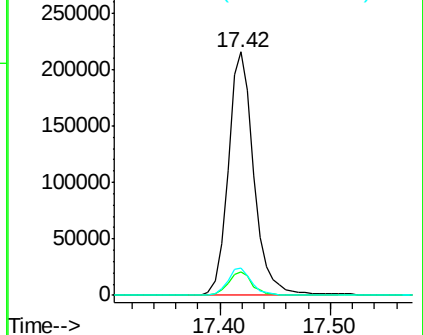
80 11.4 8.6 13.0



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: BG040553.D

Acq: 18 Apr 2019 6:34

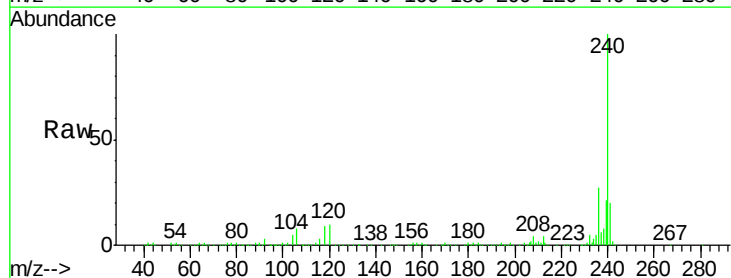
Tgt Ion:240 Resp: 359684

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

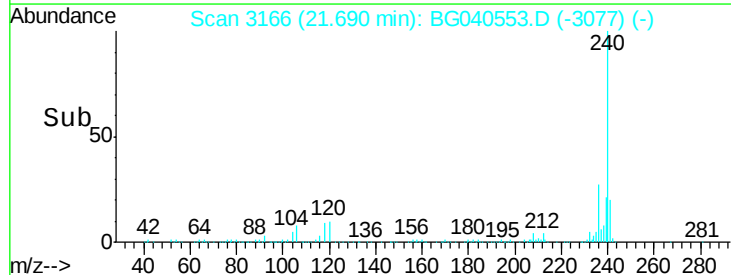
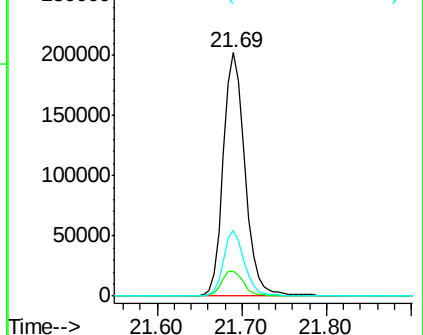
236 27.0 20.8 31.2

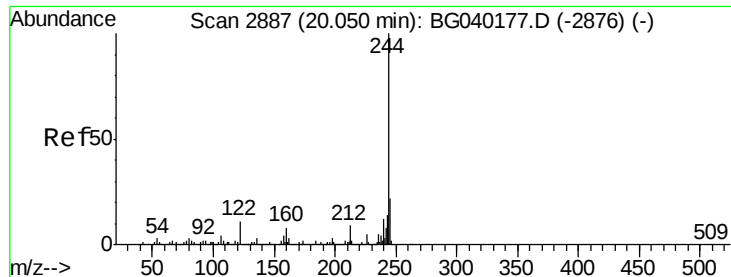


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.649 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040553.D

Acq: 18 Apr 2019 6:34

Instrument :

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ClientSampleId :

TP-18-S

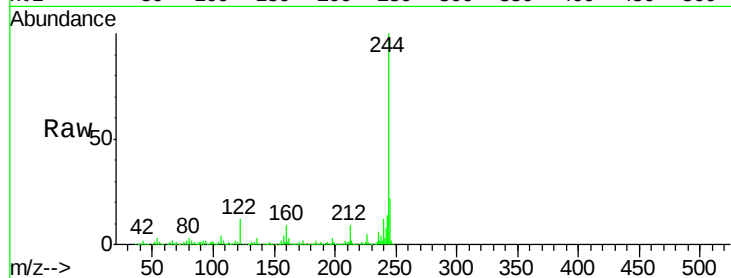
Tgt Ion:244 Resp: 1513281

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

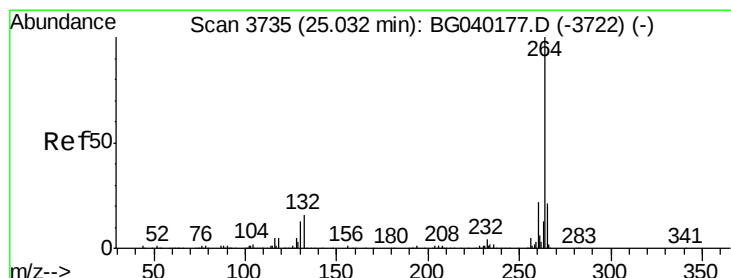
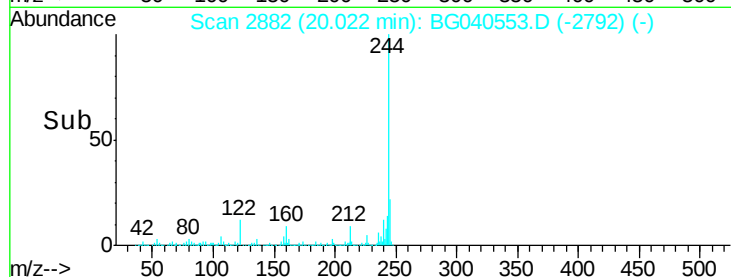
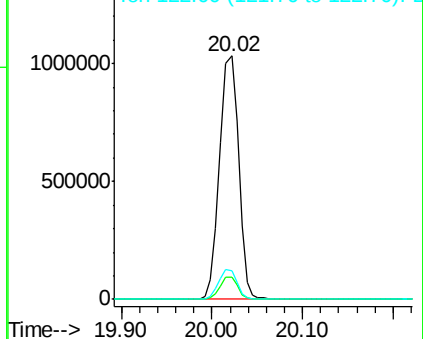
122 11.6 8.5 12.7



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: BG040553.D

Acq: 18 Apr 2019 6:34

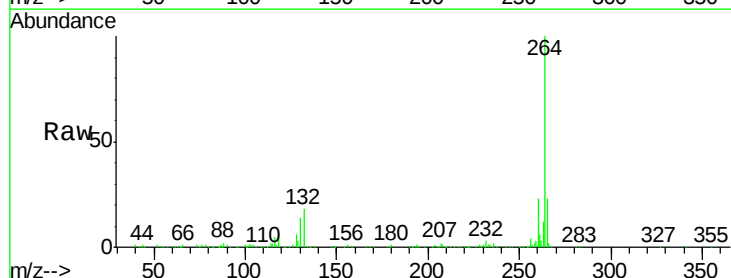
Tgt Ion:264 Resp: 376477

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

265 22.6 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

