

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040253.D
 Acq On : 30 Mar 2019 9:15
 Operator : JU/SJ
 Sample : K2124-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Quant Time: Apr 01 02:22:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54764	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	242941	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	164992	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	424472	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	421176	20.00	ng	-0.02
87) Perylene-d12	25.01	264	427835	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176345	53.53	ng	-0.01
7) Phenol-d6	7.20	99	156342	34.34	ng	-0.02
23) Nitrobenzene-d5	9.23	82	361081	79.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	249035	139.66	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	883349	79.33	ng	-0.01
79) Terphenyl-d14	20.04	244	1419342	75.81	ng	-0.01

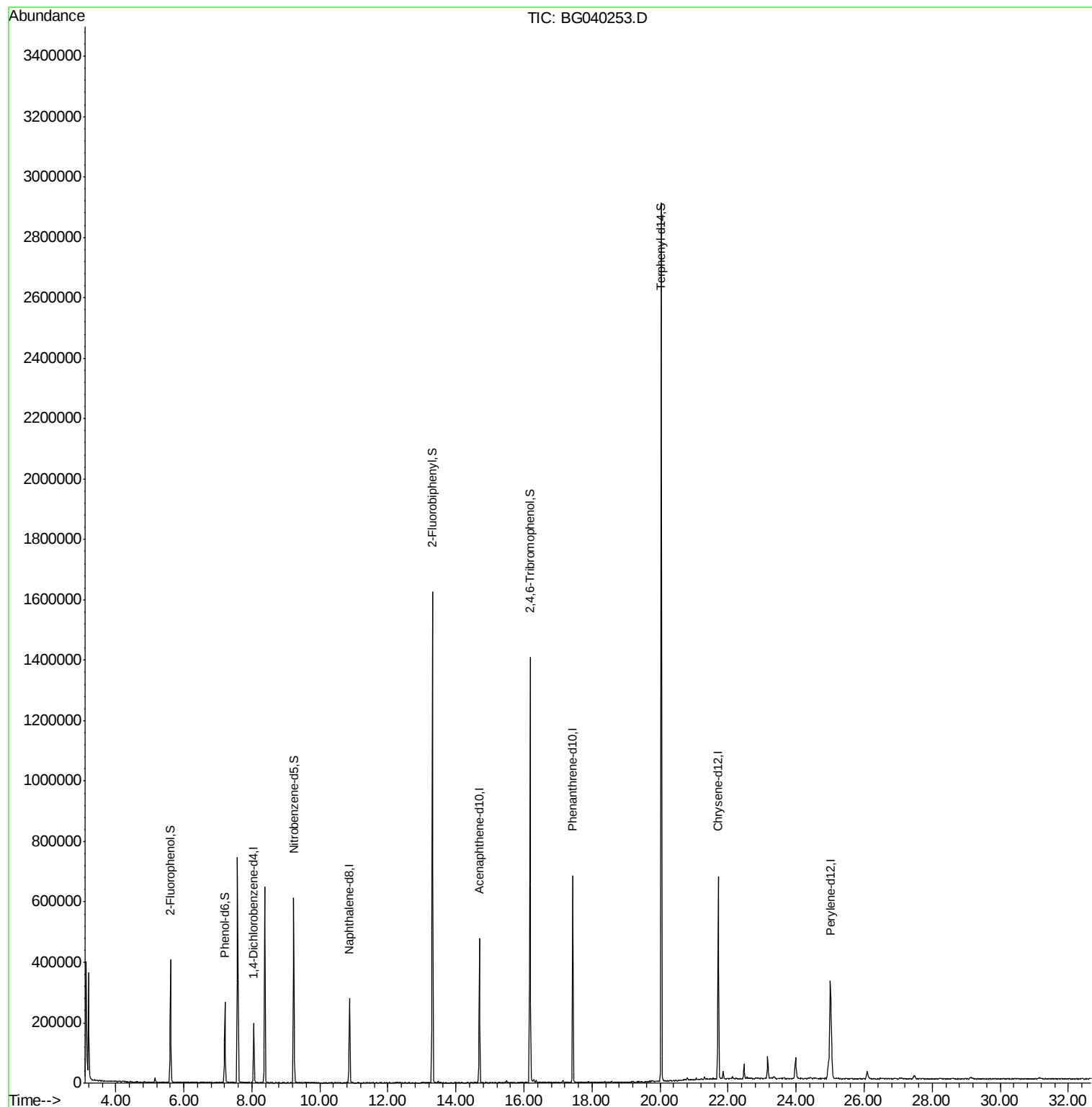
Target Compounds	Qvalue
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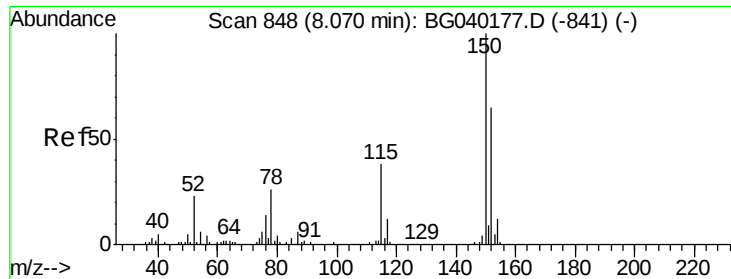
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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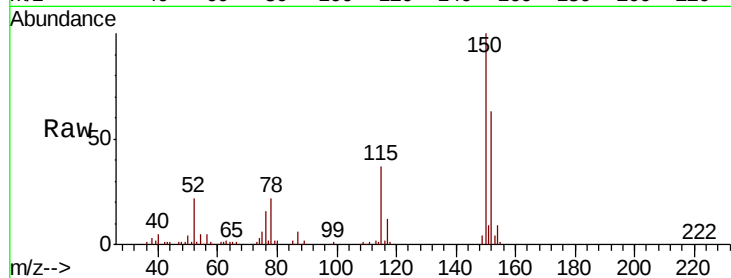




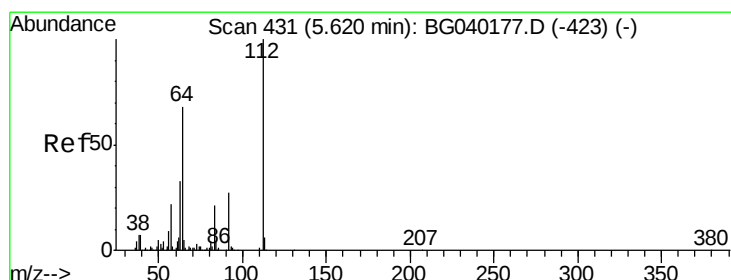
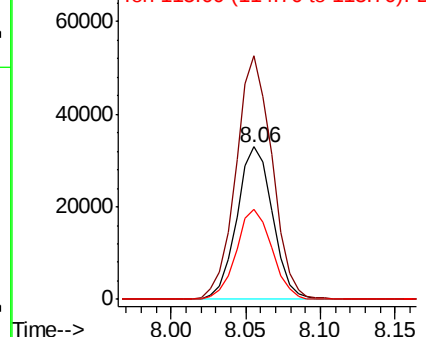
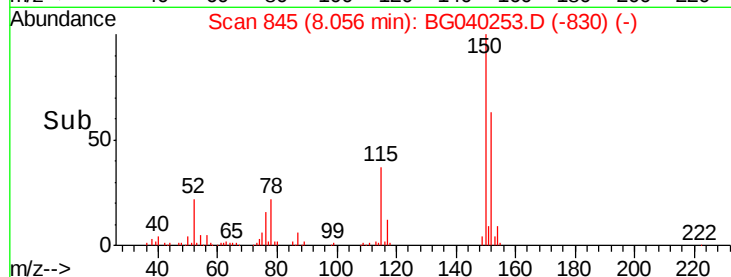
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Tgt Ion:152 Resp: 54764
 Ion Ratio Lower Upper
 152 100
 150 159.6 123.7 185.5
 115 59.3 46.9 70.3

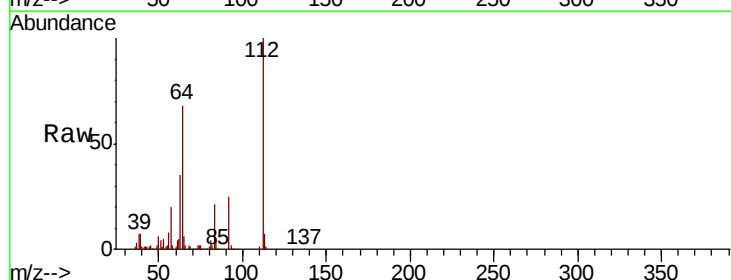


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

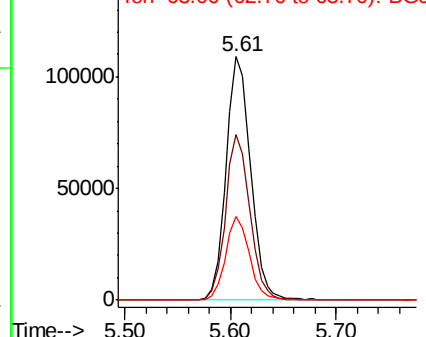
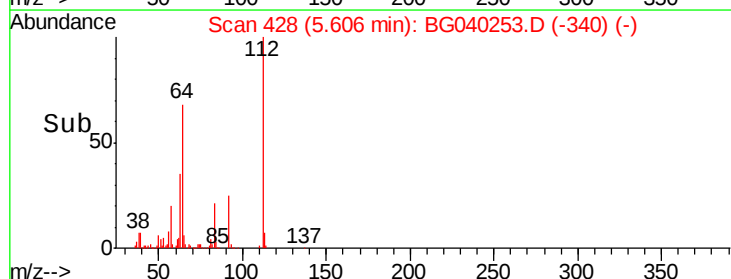


#5
 2-Fluorophenol
 Concen: 53.531 ng
 RT: 5.61 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Tgt Ion:112 Resp: 176345
 Ion Ratio Lower Upper
 112 100
 64 68.0 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.340 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

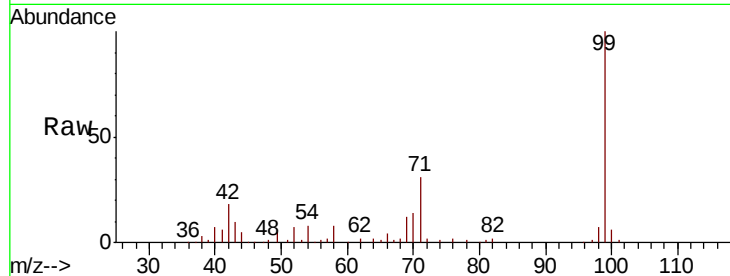
Tgt Ion: 99 Resp: 156342

Ion Ratio Lower Upper

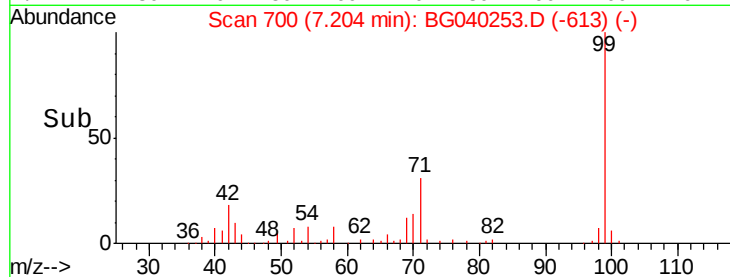
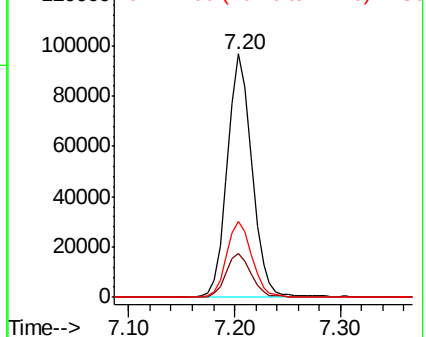
99 100

42 18.3 16.2 24.2

71 31.2 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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Tgt Ion: 136 Resp: 242941

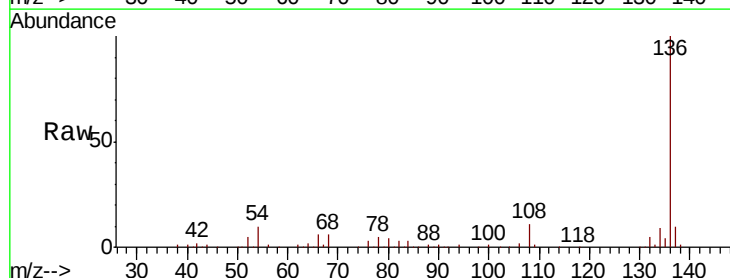
Ion Ratio Lower Upper

136 100

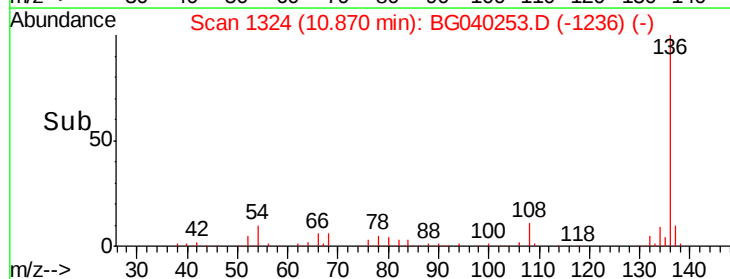
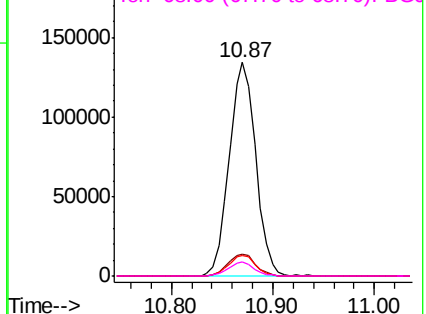
137 10.4 8.9 13.3

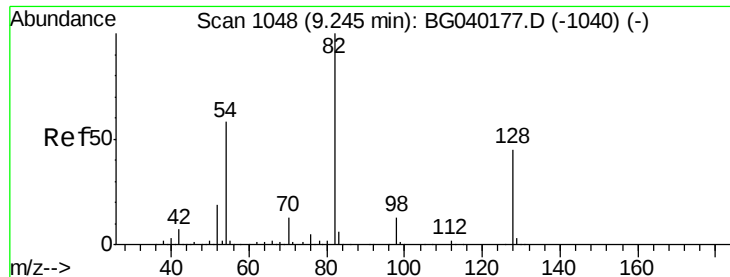
54 9.9 9.6 14.4

68 6.3 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

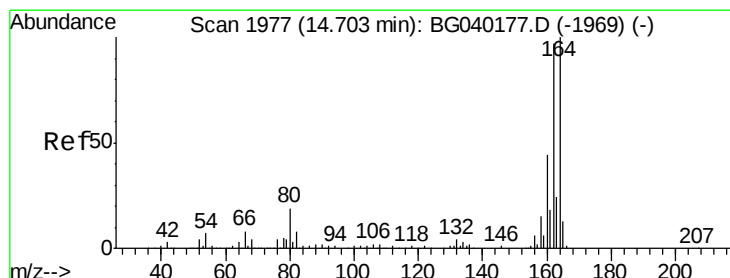
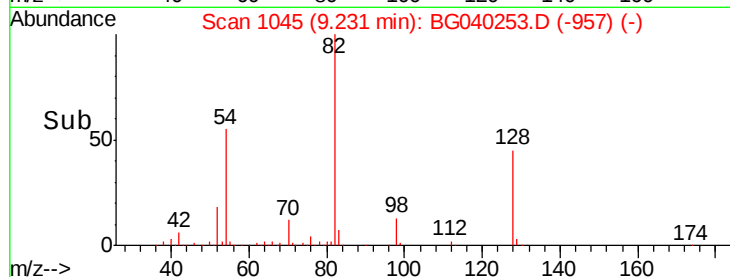
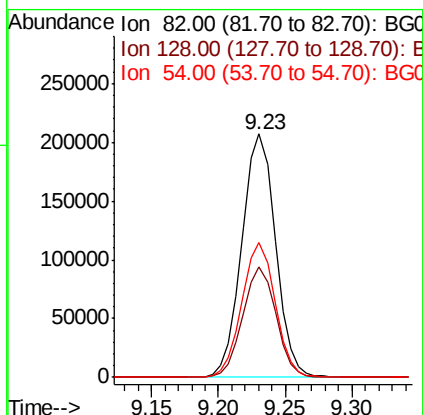
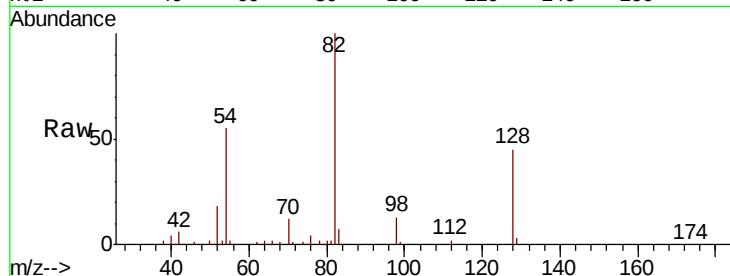




#23
Nitrobenzene-d5
Concen: 79.001 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

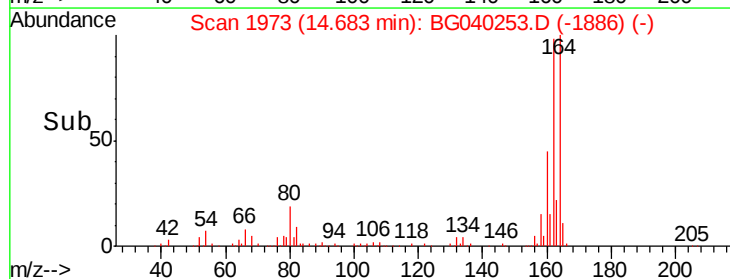
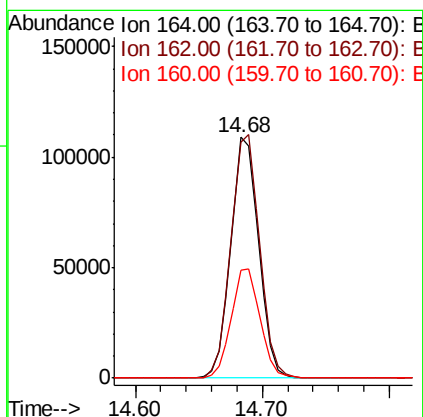
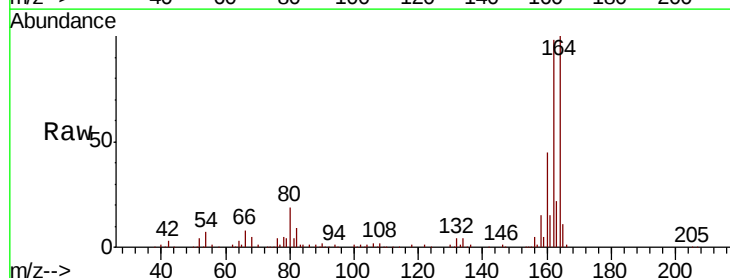
Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-2

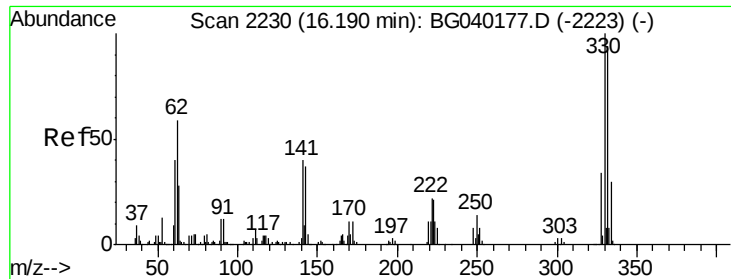
Tgt Ion: 82 Resp: 361081
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.8
54 55.2 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040253.D
Acq: 30 Mar 2019 9:15

Tgt Ion: 164 Resp: 164992
Ion Ratio Lower Upper
164 100
162 97.9 77.4 116.2
160 44.7 35.3 52.9

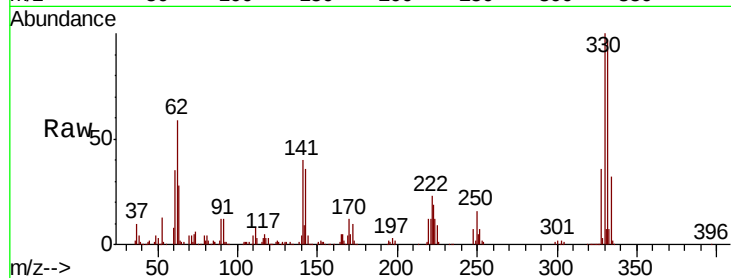




#42
 2,4,6-Tribromophenol
 Concen: 139.661 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-PIT-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.4	32.6	48.8

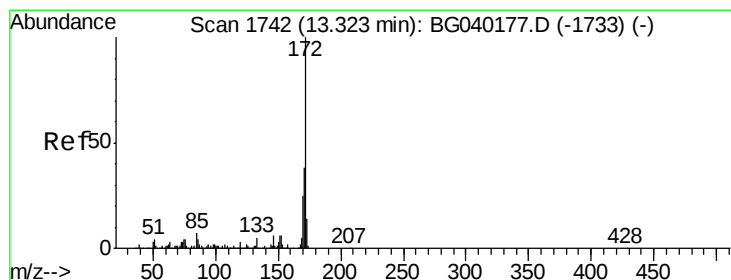
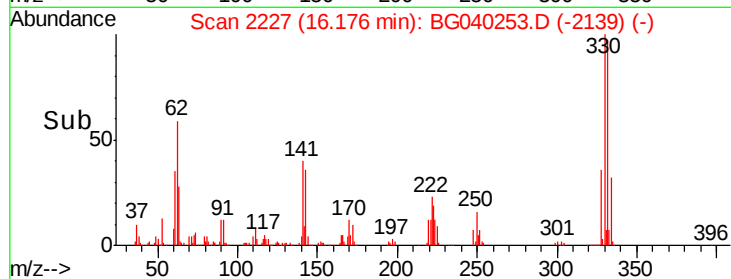
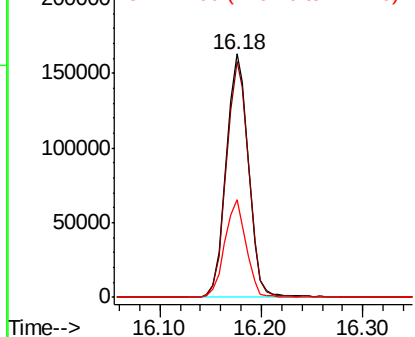


Abundance

Ion 329.80 (329.50 to 330.50): E

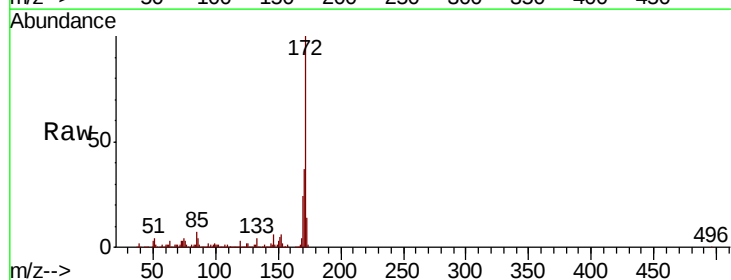
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.332 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG040253.D
 Acq: 30 Mar 2019 9:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.9	20.1	30.1

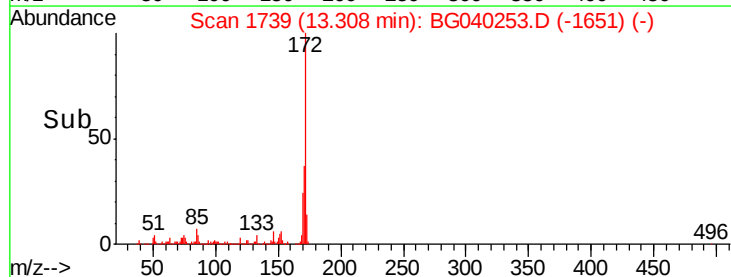
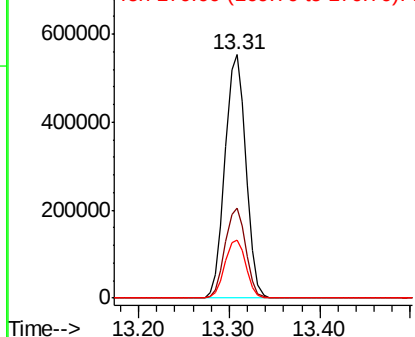


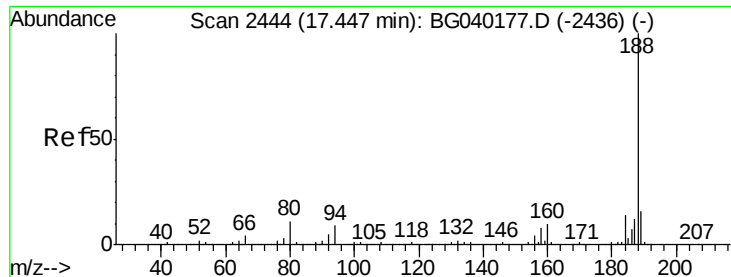
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

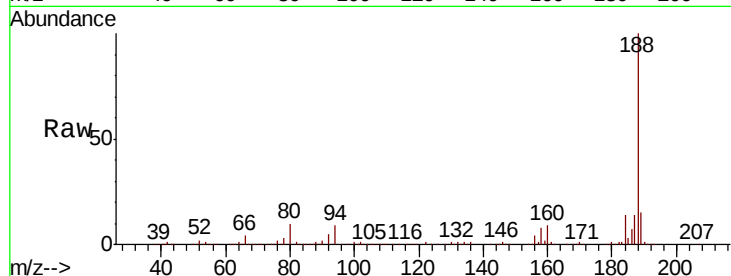
Tgt Ion:188 Resp: 424472

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

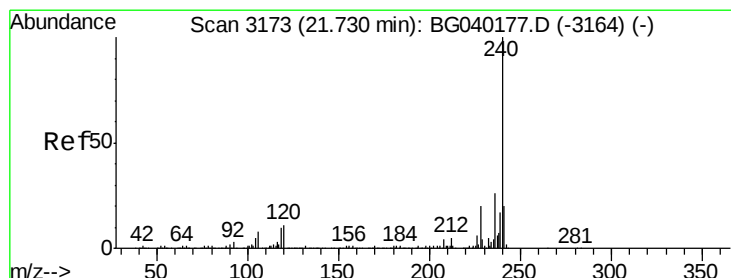
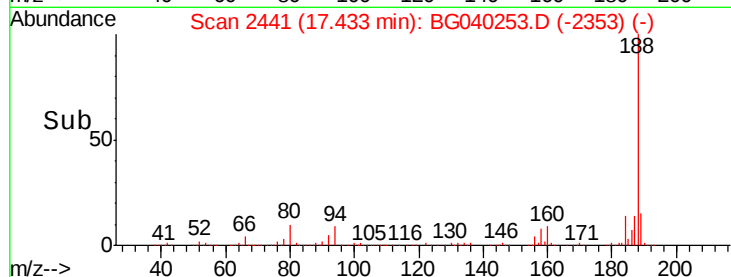
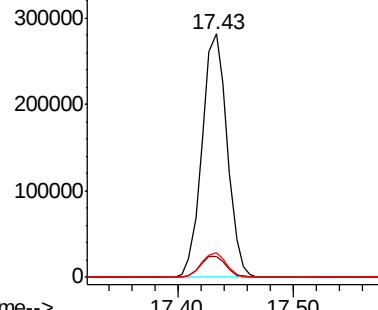
80 10.2 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

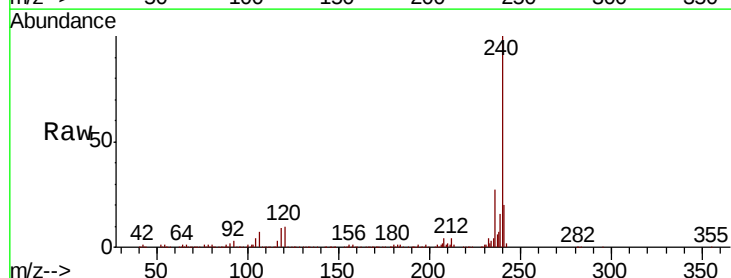
Tgt Ion:240 Resp: 421176

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

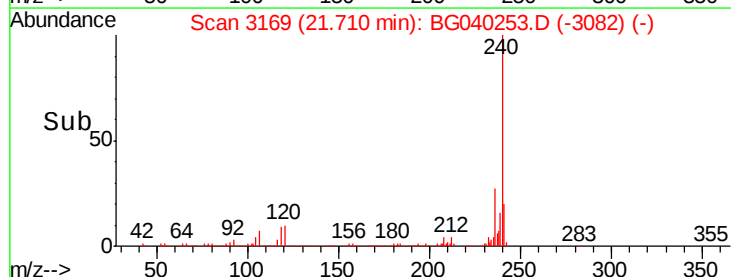
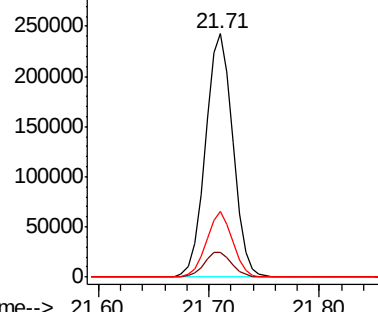
236 26.7 20.8 31.2



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: 75.812 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

Instrument :

BNA_G

ClientSampleId :

SUMP-PIT-2

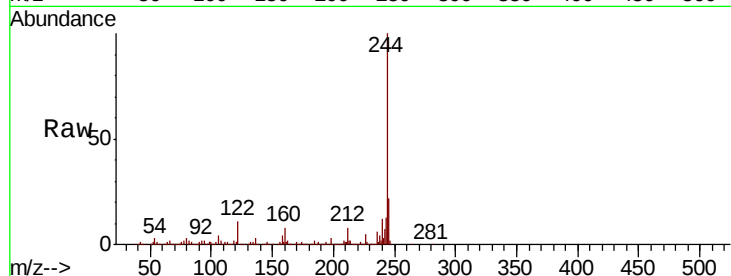
Tgt Ion:244 Resp: 1419342

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

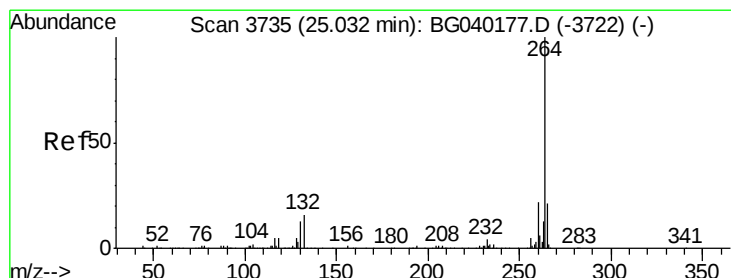
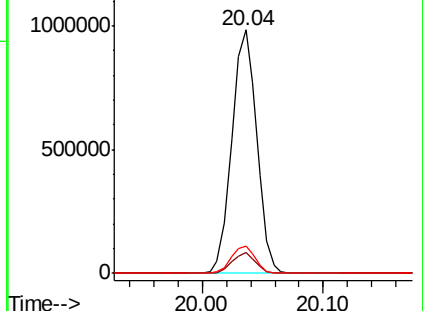
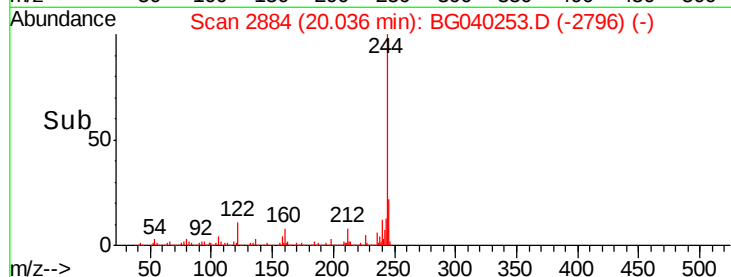
122 11.1 8.5 12.7



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: 25.01 min Scan# 3730

Delta R.T. -0.03 min

Lab File: BG040253.D

Acq: 30 Mar 2019 9:15

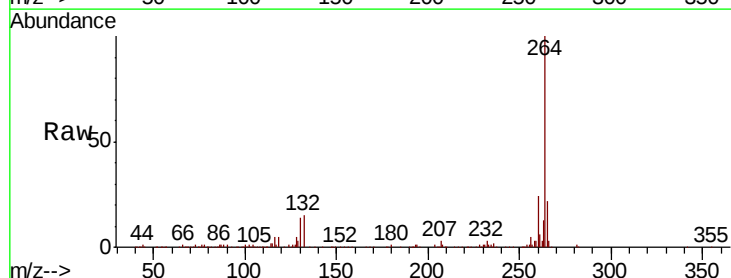
Tgt Ion:264 Resp: 427835

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.5 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

