

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040231.D
 Acq On : 29 Mar 2019 18:35
 Operator : JU/SJ
 Sample : PB118394BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

Quant Time: Mar 30 04:40:13 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	50794	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	213092	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	140874	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	383658	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	405163	20.00	ng	-0.02
87) Perylene-d12	24.99	264	396839	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	365427	119.60	ng	-0.01
7) Phenol-d6	7.21	99	511007	121.02	ng	-0.01
23) Nitrobenzene-d5	9.23	82	293669	73.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	199399	130.97	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	733109	77.11	ng	-0.01
79) Terphenyl-d14	20.03	244	1276028	70.85	ng	-0.02

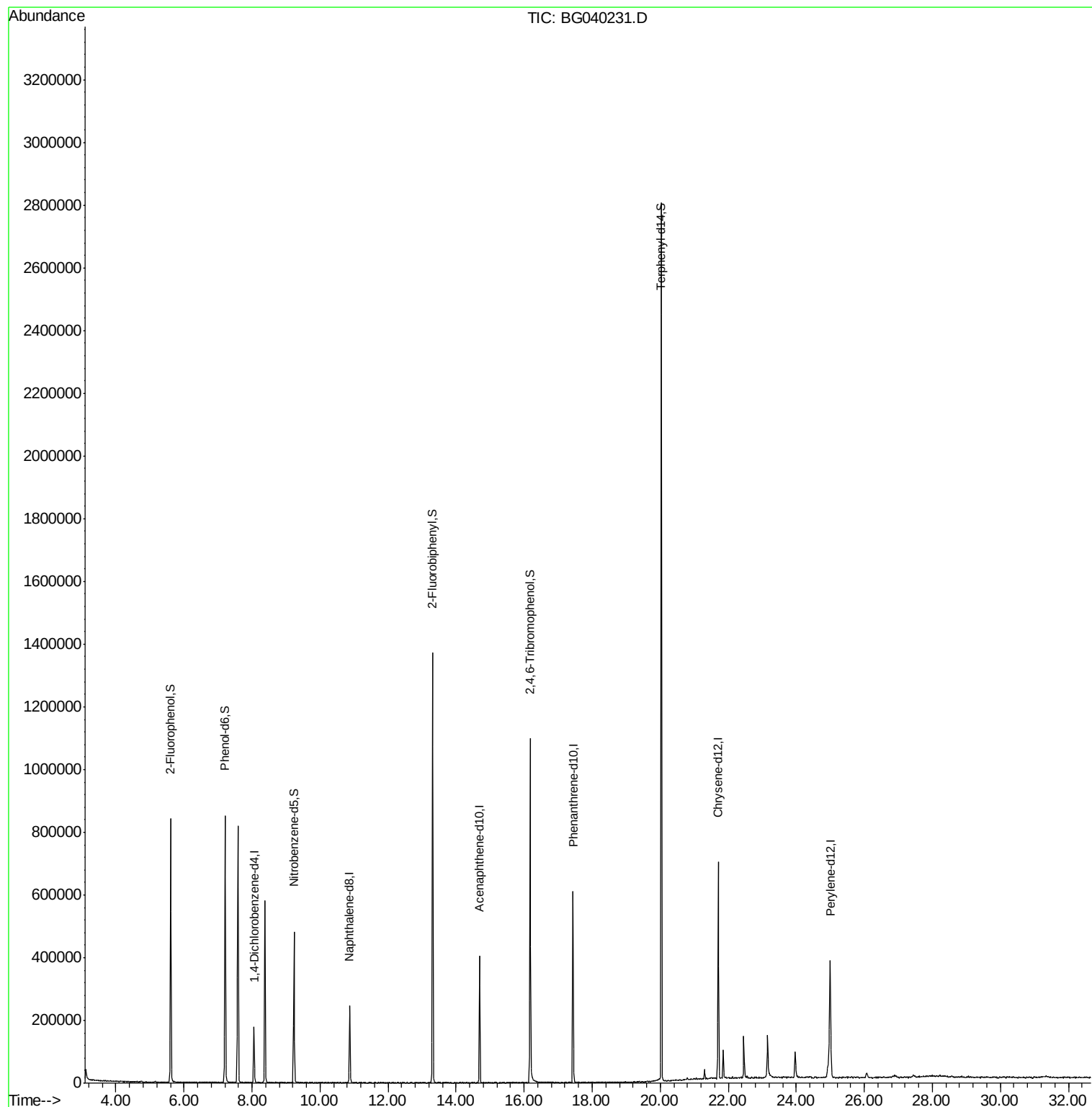
Target Compounds	Qvalue
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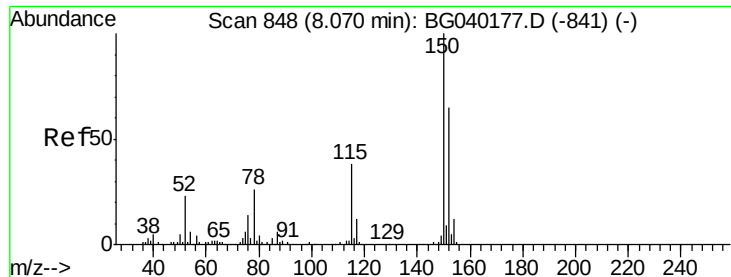
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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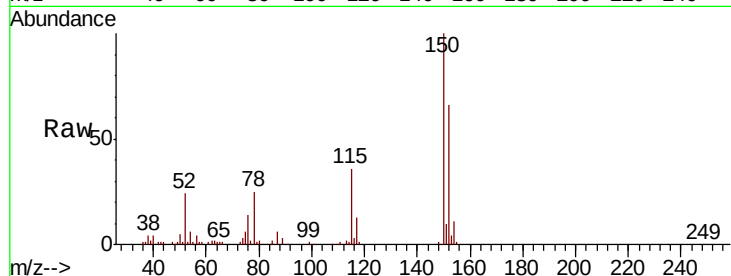


#1

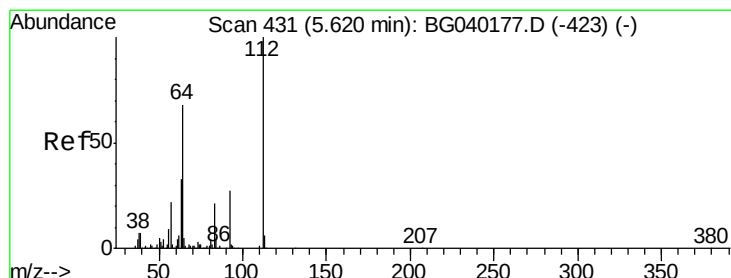
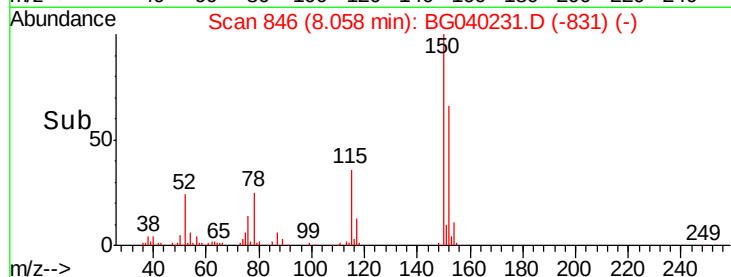
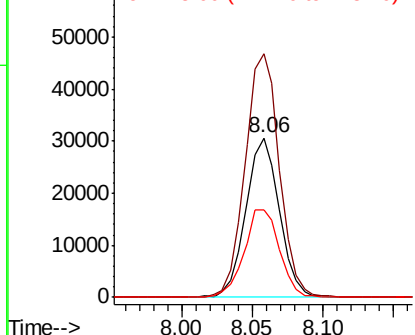
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

Tgt Ion:152 Resp: 50794
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.7 185.5
 115 54.9 46.9 70.3



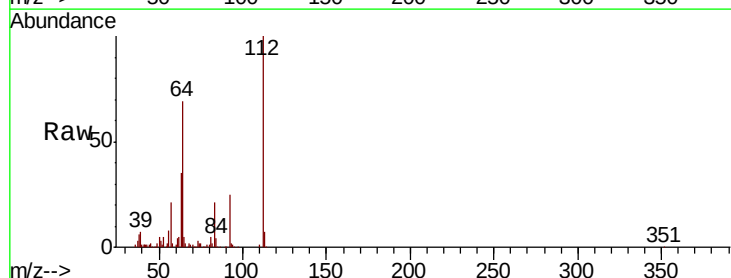
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



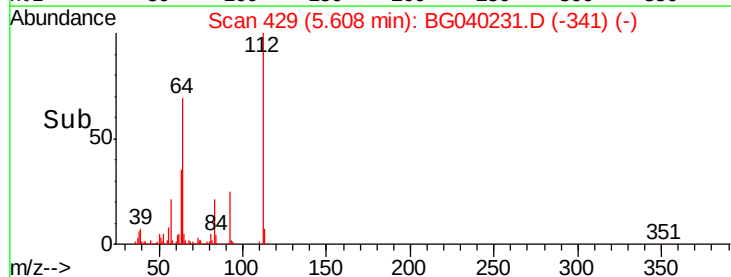
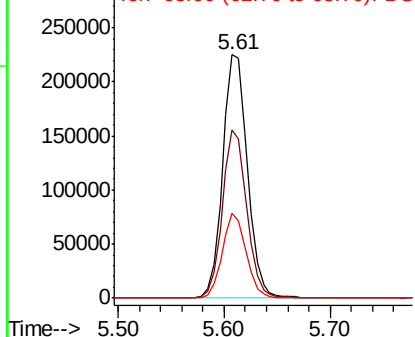
#5

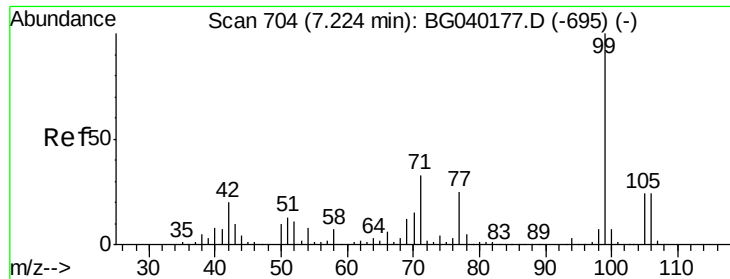
2-Fluorophenol
 Concen: 119.599 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Tgt Ion:112 Resp: 365427
 Ion Ratio Lower Upper
 112 100
 64 69.0 54.2 81.2
 63 34.9 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: 121.015 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

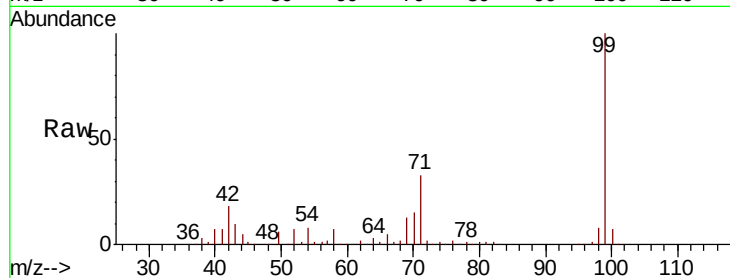
Tgt Ion: 99 Resp: 511007

Ion Ratio Lower Upper

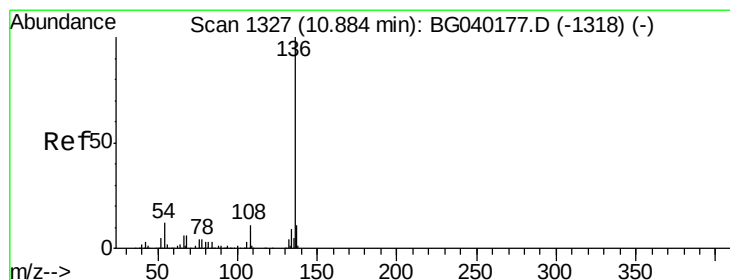
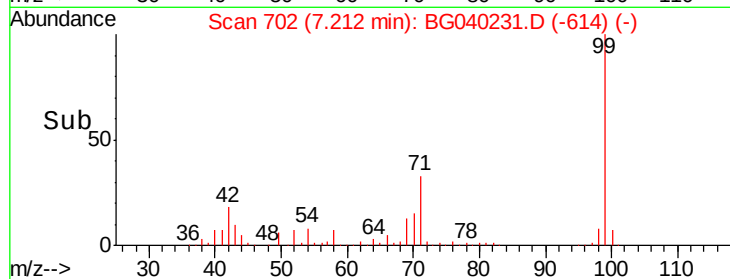
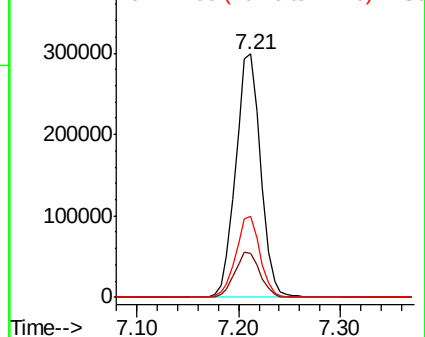
99 100

42 18.1 16.2 24.2

71 33.2 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# 1325

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Tgt Ion: 136 Resp: 213092

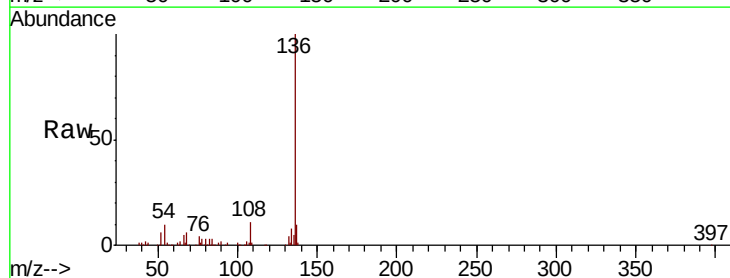
Ion Ratio Lower Upper

136 100

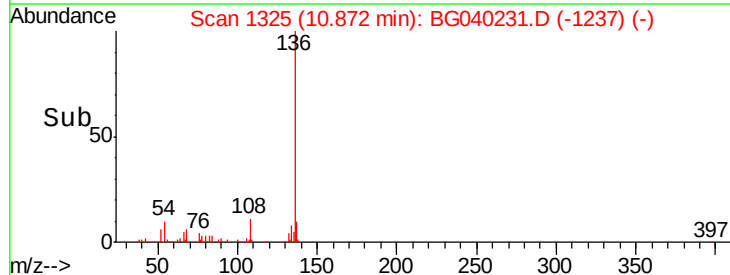
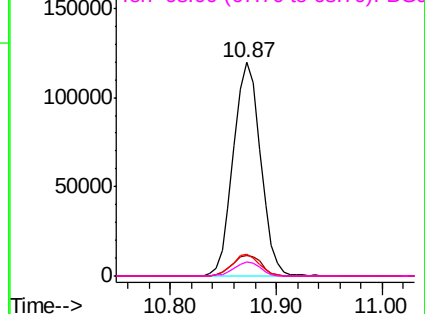
137 9.9 8.9 13.3

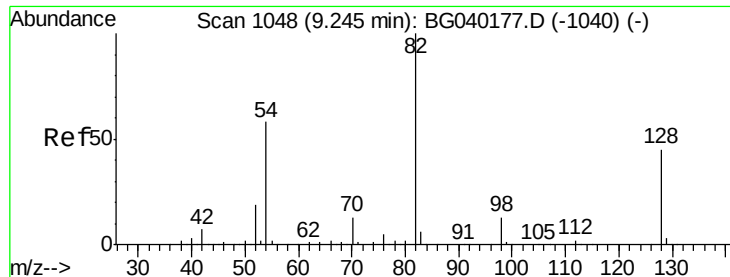
54 10.0 9.6 14.4

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

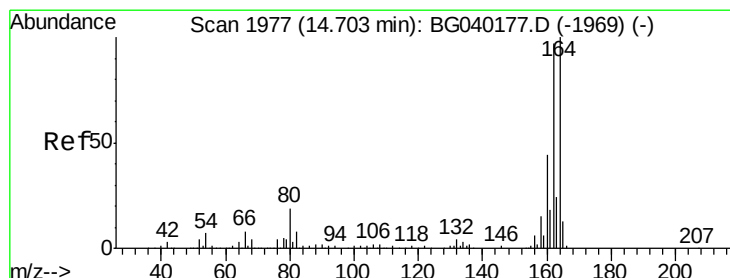
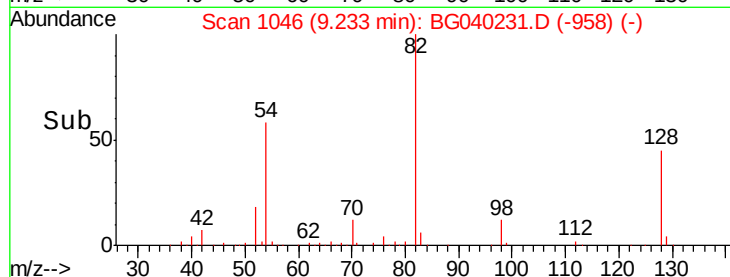
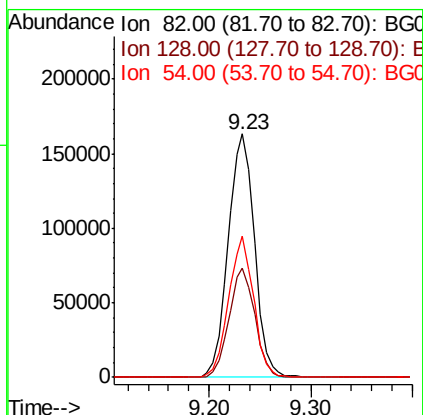
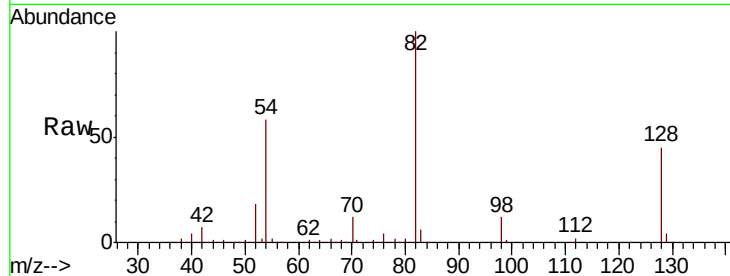




#23
 Nitrobenzene-d5
 Concen: 73.252 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

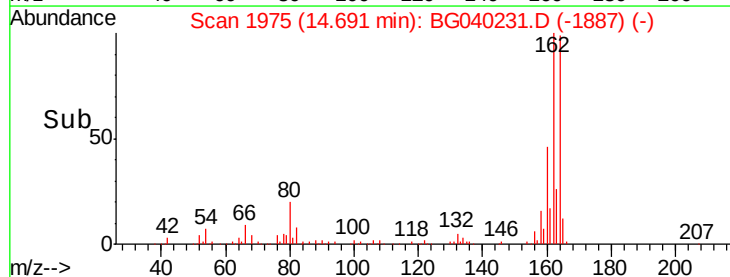
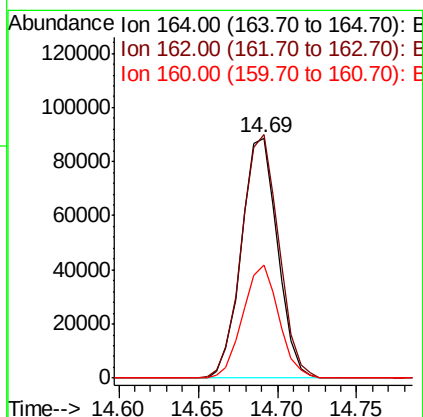
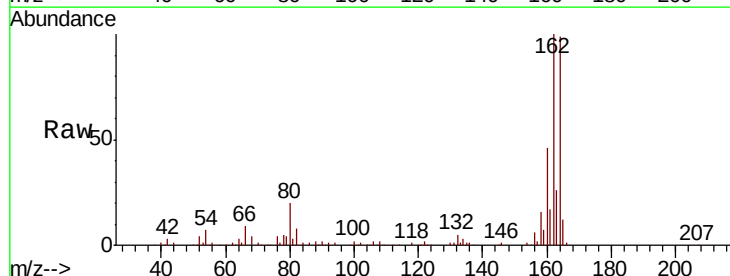
Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

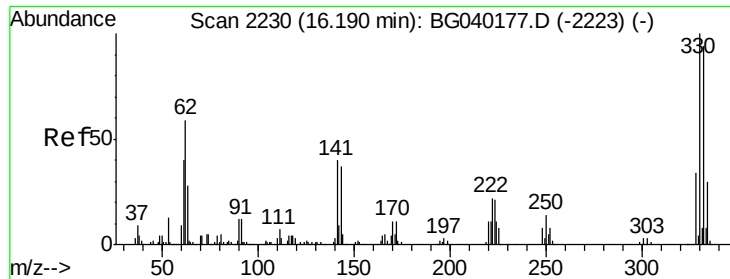
Tgt Ion: 82 Resp: 293669
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.8 53.8
 54 57.8 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Tgt Ion: 164 Resp: 140874
 Ion Ratio Lower Upper
 164 100
 162 101.4 77.4 116.2
 160 46.9 35.3 52.9

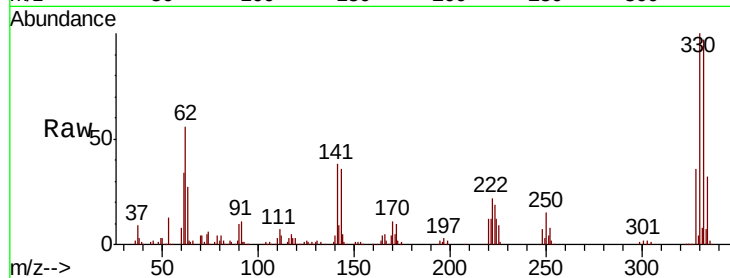




#42
 2,4,6-Tribromophenol
 Concen: 130.970 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB118394BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	37.4	32.6	48.8

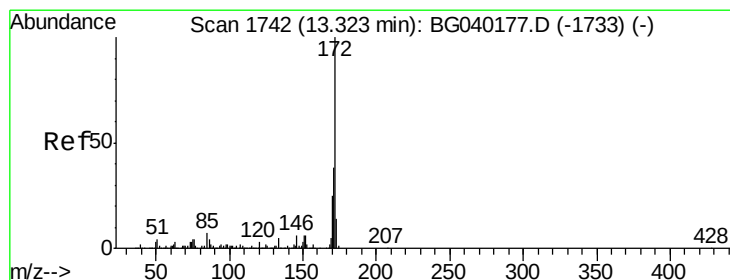
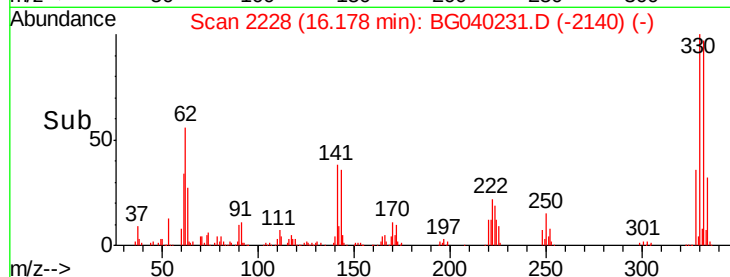
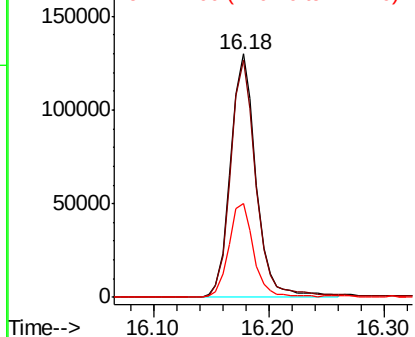


Abundance

Ion 329.80 (329.50 to 330.50): E

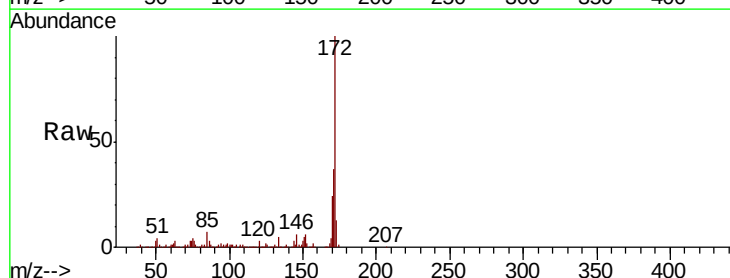
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.111 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG040231.D
 Acq: 29 Mar 2019 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.5	45.7
170	24.0	20.1	30.1

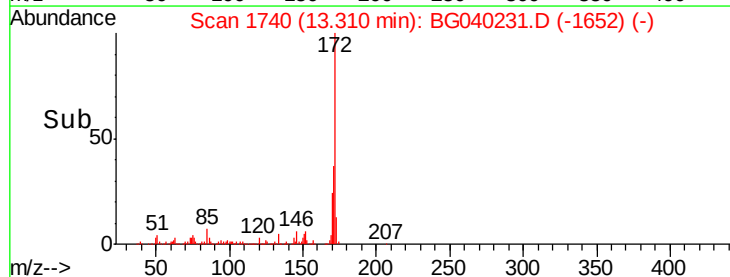
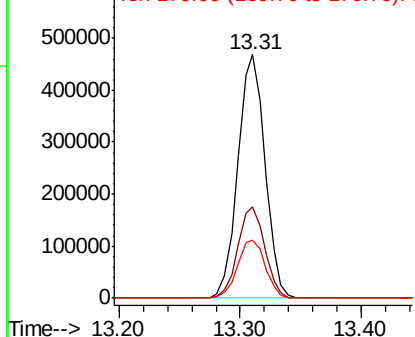


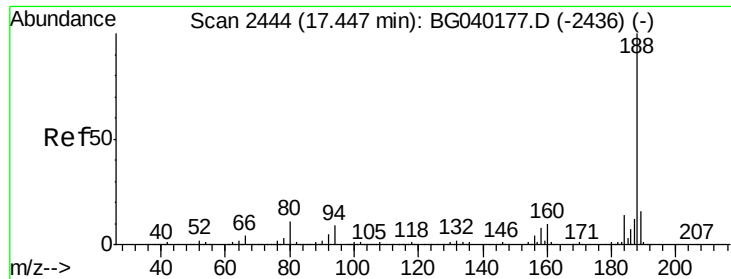
Abundance

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# 2442

Delta R.T. -0.01 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

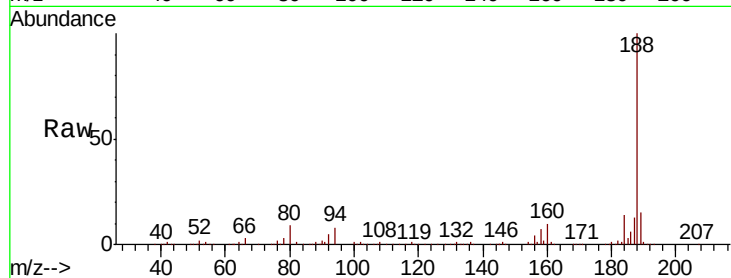
Tgt Ion:188 Resp: 383658

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

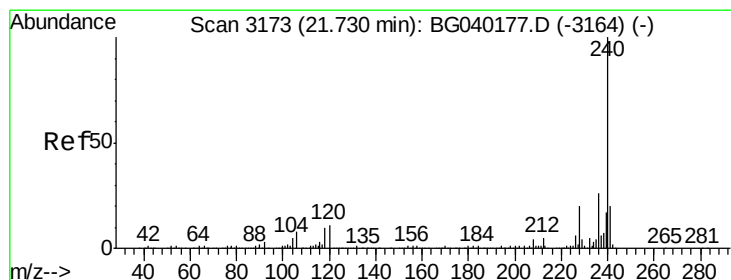
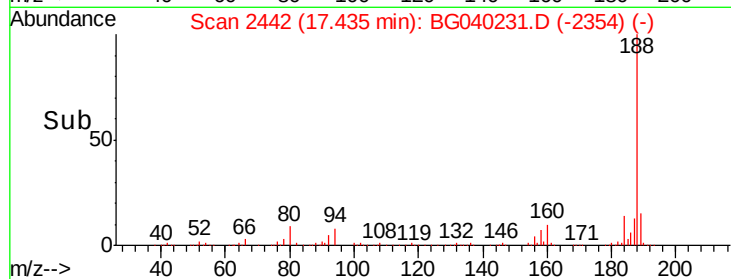
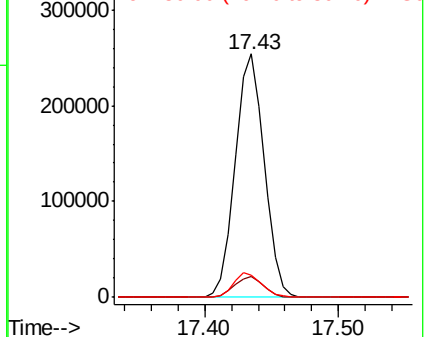
80 9.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

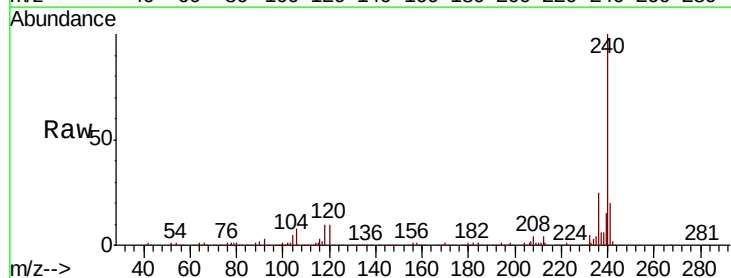
Tgt Ion:240 Resp: 405163

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

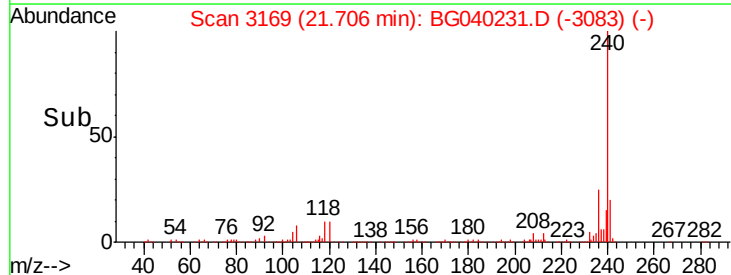
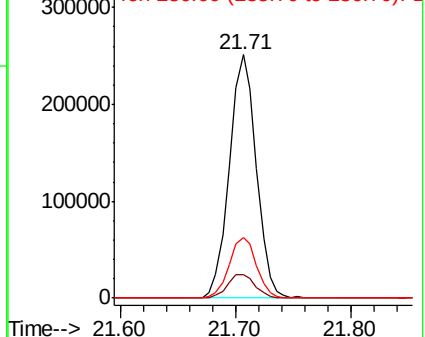
236 25.1 20.8 31.2

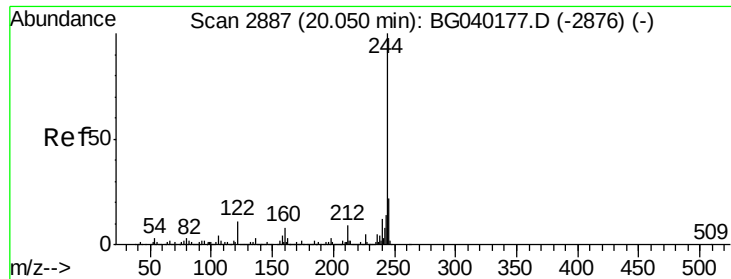


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.851 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB118394BL

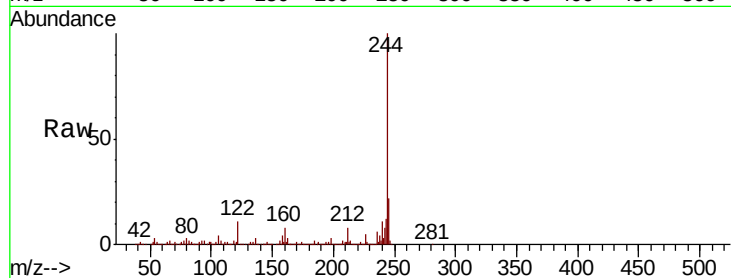
Tgt Ion:244 Resp: 1276028

Ion Ratio Lower Upper

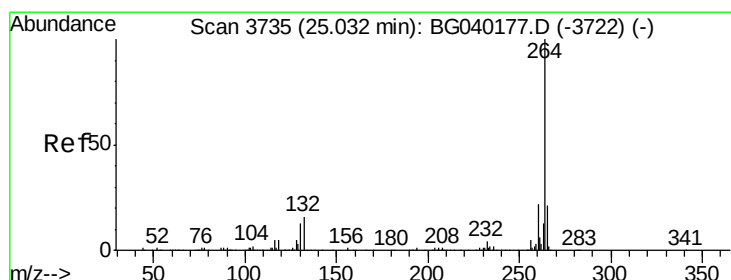
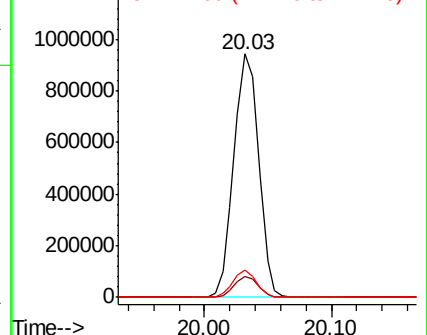
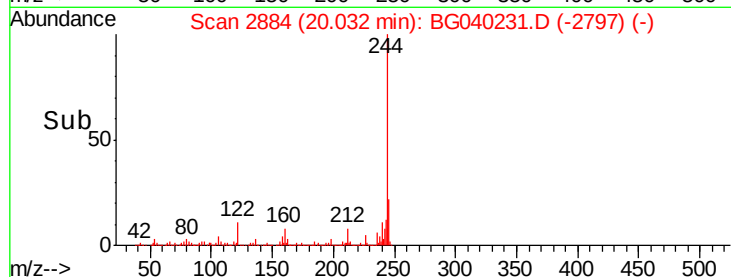
244 100

212 8.5 7.0 10.6

122 11.4 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: 24.99 min Scan# 3728

Delta R.T. -0.04 min

Lab File: BG040231.D

Acq: 29 Mar 2019 18:35

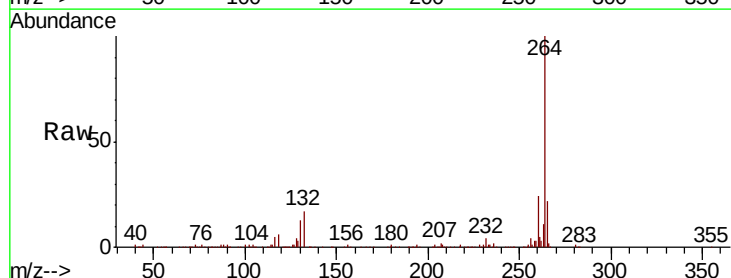
Tgt Ion:264 Resp: 396839

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.6 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

