

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042986.D
 Acq On : 2 Oct 2019 15:53
 Operator : JU
 Sample : PB123559BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BL

Quant Time: Oct 03 05:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62220	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	226106	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	159284	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	377131	20.00	ng	0.00
76) Chrysene-d12	21.70	240	413556	20.00	ng	-0.01
87) Perylene-d12	24.93	264	463004	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	201756	57.87	ng	0.00
7) Phenol-d6	7.24	99	175799	35.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	450370	96.81	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	401707	146.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1087380	98.97	ng	0.00
79) Terphenyl-d14	20.04	244	2039124	105.07	ng	0.00

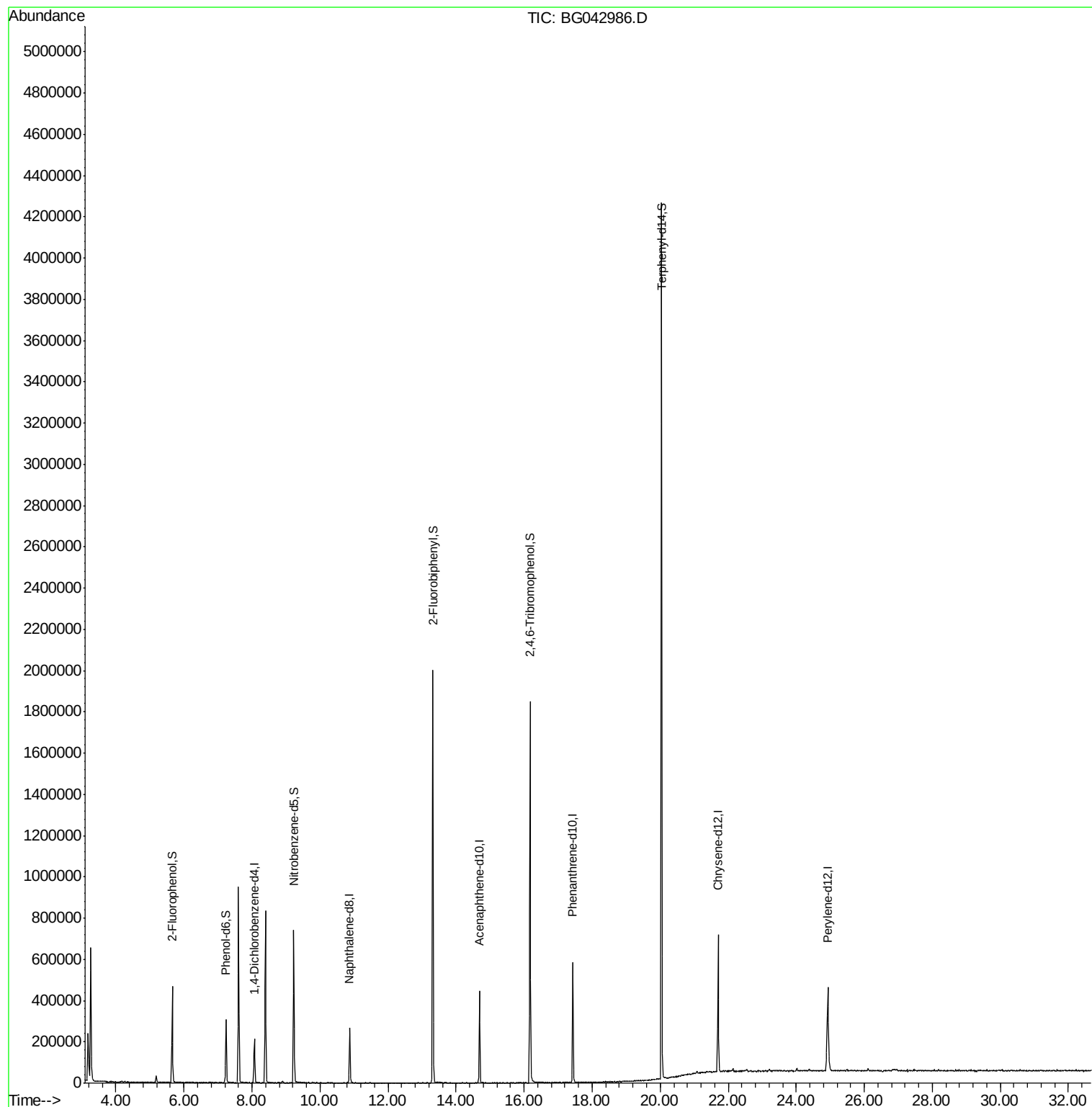
Target Compounds Qvalue

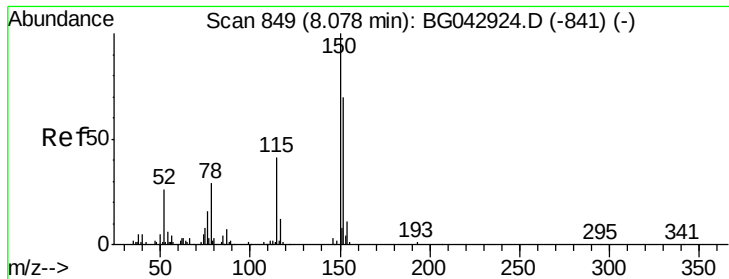
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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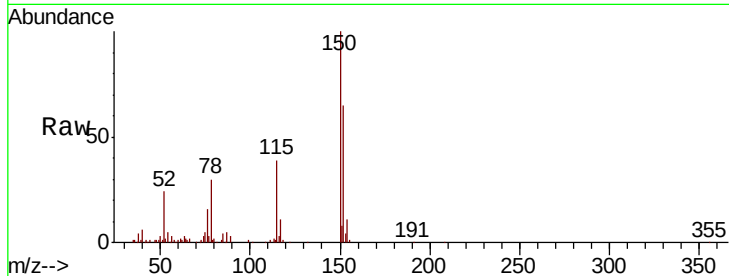


#1

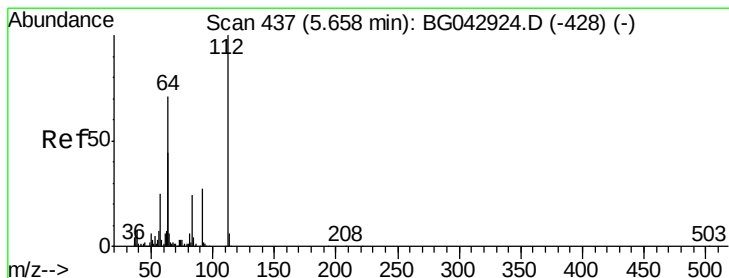
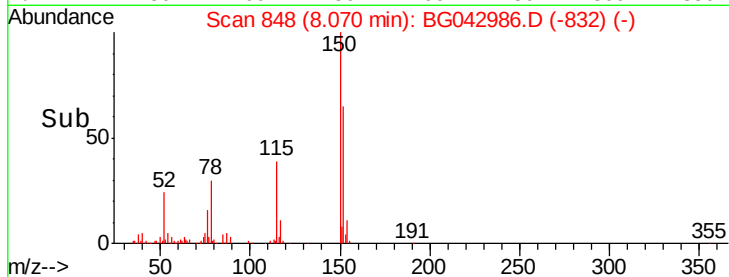
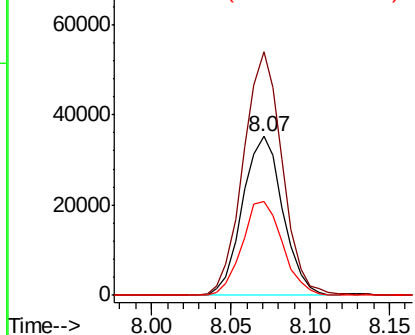
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042986.D
Acq: 2 Oct 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB123559BL

Tot Ion:152 Resp: 62220
Ion Ratio Lower Upper
152 100
150 153.3 115.0 172.4
115 59.3 47.0 70.6



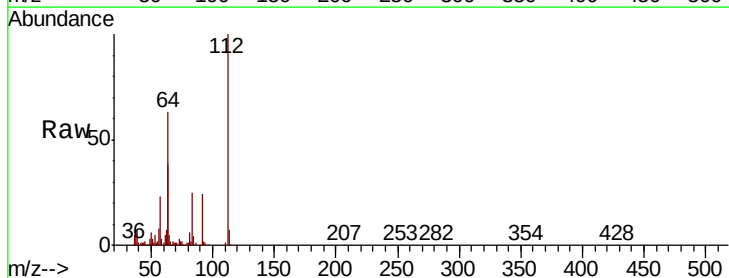
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



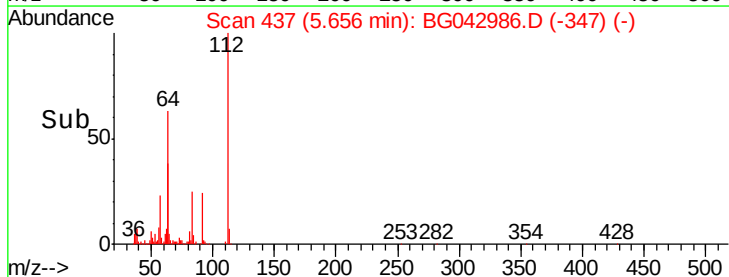
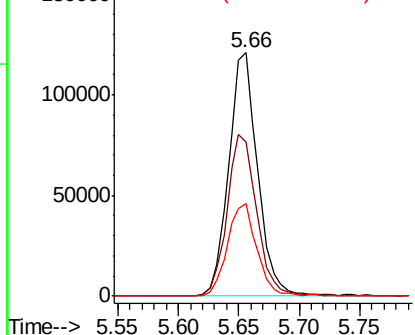
#5

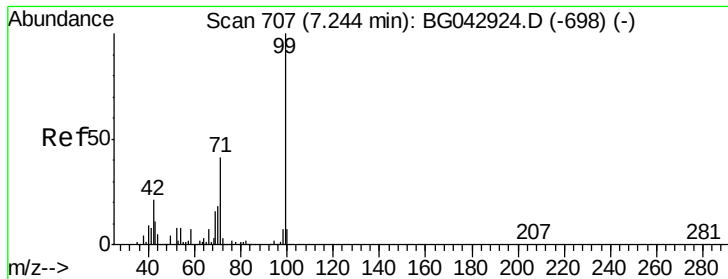
2-Fluorophenol
Concen: 57.869 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042986.D
Acq: 2 Oct 2019 15:53

Tgt Ion:112 Resp: 201756
Ion Ratio Lower Upper
112 100
64 63.2 56.6 84.8
63 38.0 35.1 52.7



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: 35.015 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042986.D

Acq: 2 Oct 2019 15:53

Instrument :

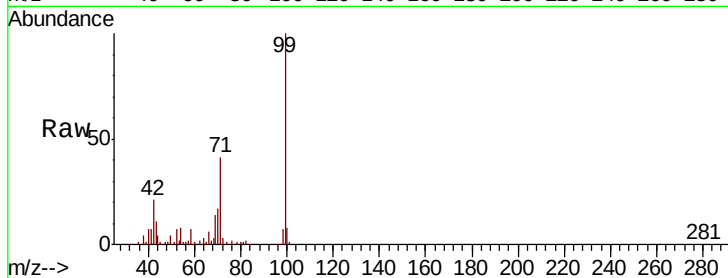
BNA_G

ClientSampleId :

PB123559BL

Tot Ion: 99 Resp: 175799

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.2	25.8
71	40.6	33.1	49.7

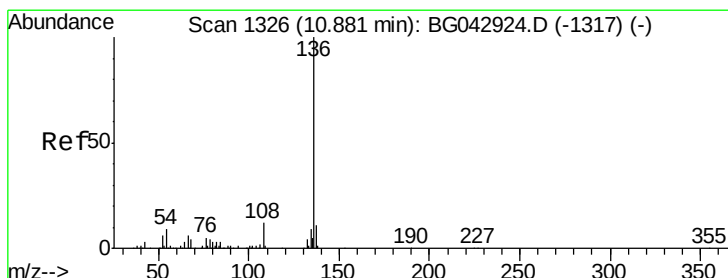
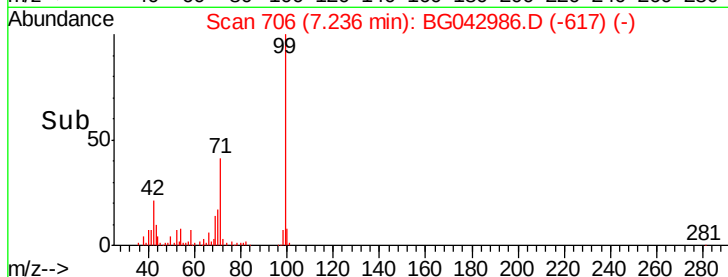
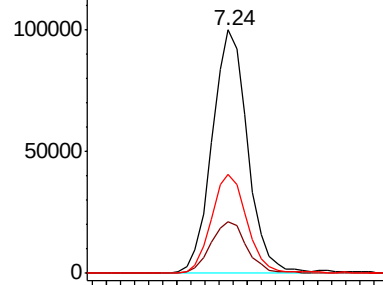


Abundance

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

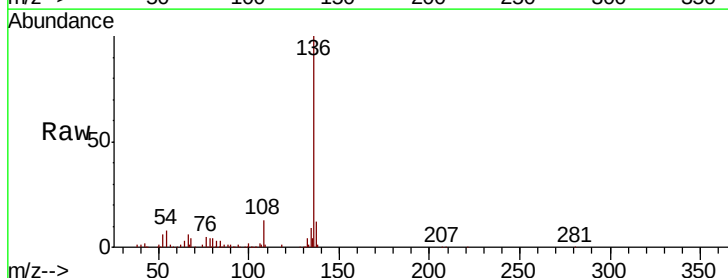
Delta R.T. -0.01 min

Lab File: BG042986.D

Acq: 2 Oct 2019 15:53

Tgt Ion: 136 Resp: 226106

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	7.5	7.4	11.2
68	4.3	3.6	5.4



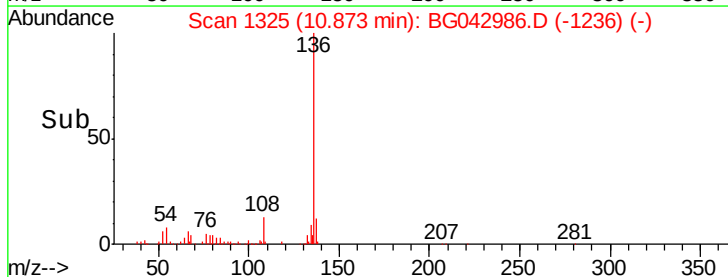
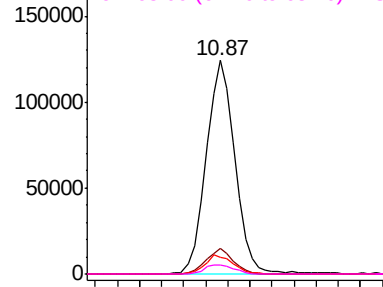
Abundance

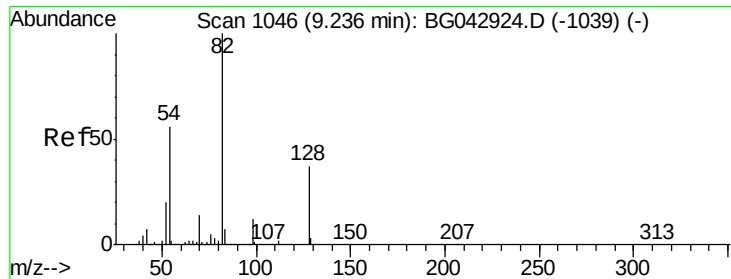
Ion 136.00 (135.70 to 136.70): BGC

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

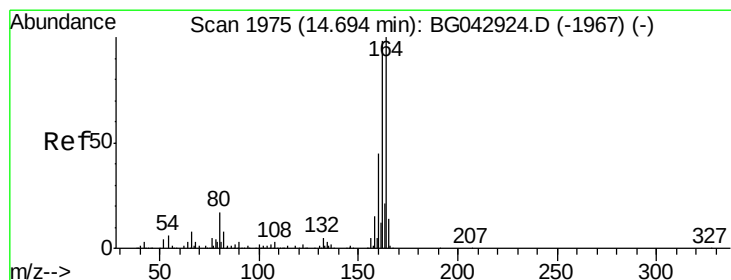
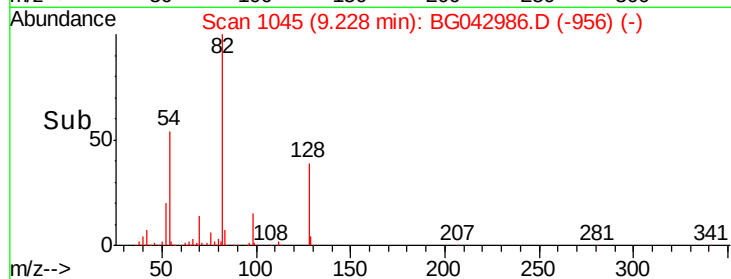
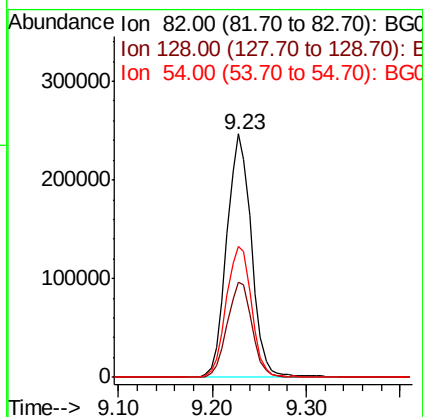
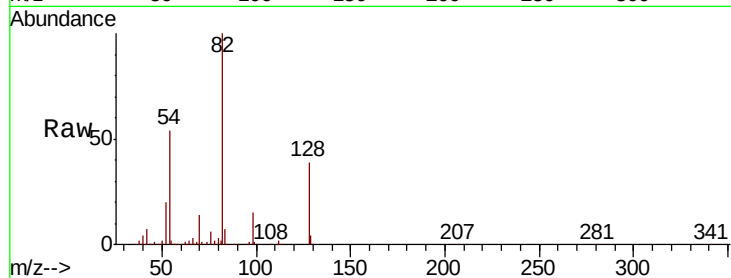




#23
 Nitrobenzene-d5
 Concen: 96.814 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042986.D
 Acq: 2 Oct 2019 15:53

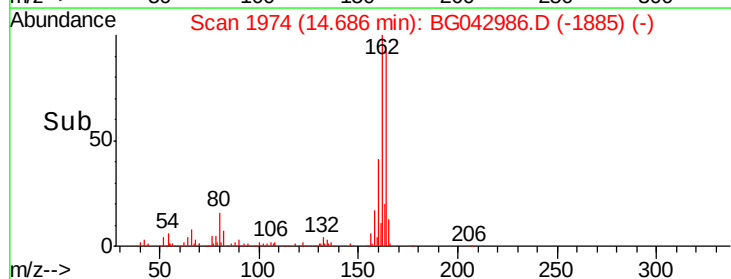
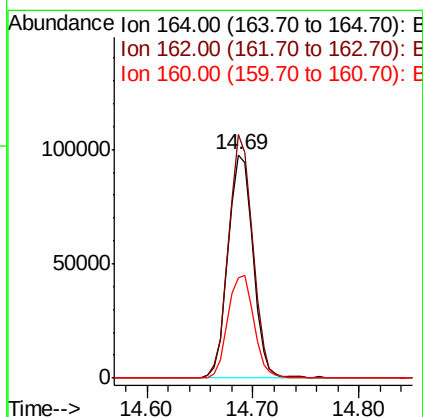
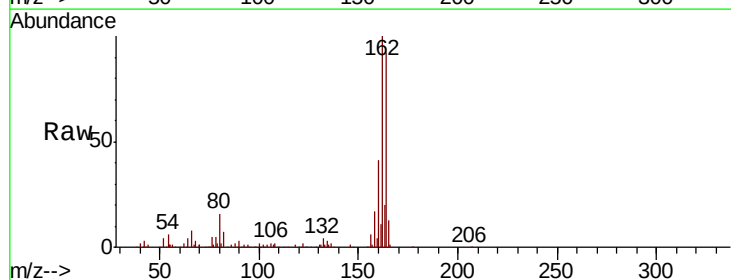
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BL

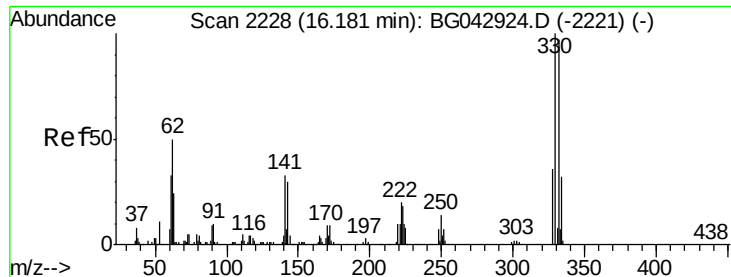
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.5	44.3
54	53.8	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042986.D
 Acq: 2 Oct 2019 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	78.5	117.7
160	45.1	35.9	53.9

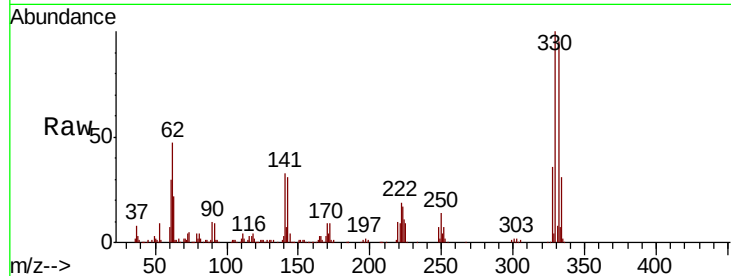




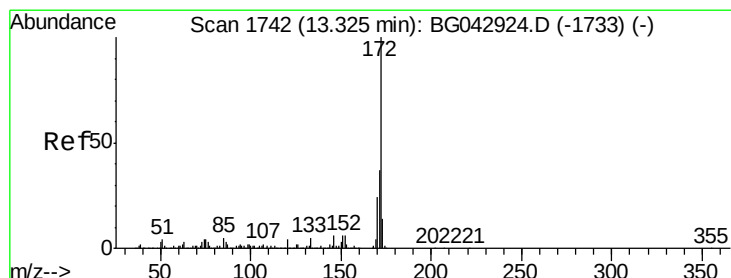
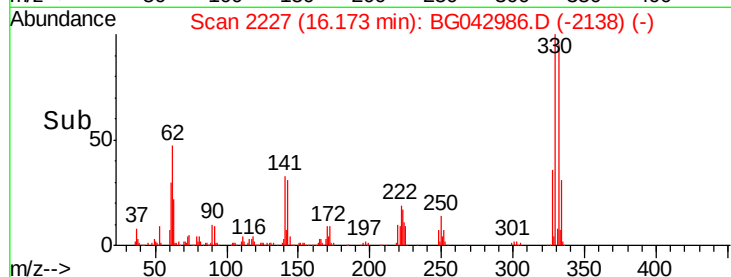
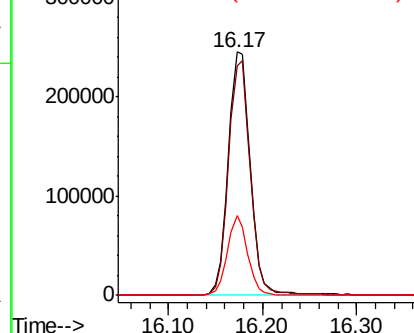
#42
2,4,6-Tribromophenol
Concen: 146.663 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042986.D
Acq: 2 Oct 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB123559BL

Tot Ion:330 Resp: 401707
Ion Ratio Lower Upper
330 100
332 95.7 78.2 117.2
141 30.7 26.0 39.0

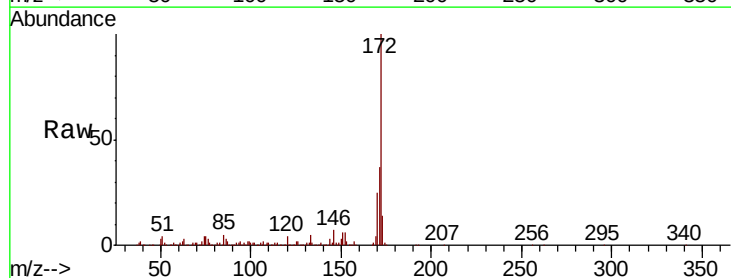


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

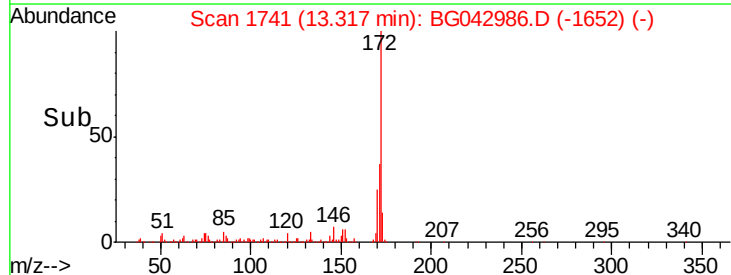
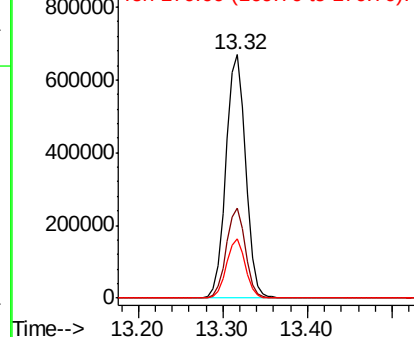


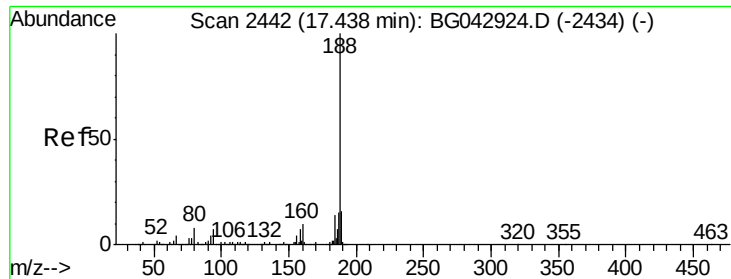
#45
2-Fluorobiphenyl
Concen: 98.966 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042986.D
Acq: 2 Oct 2019 15:53

Tgt Ion:172 Resp: 1087380
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.6 19.6 29.4



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: BG042986.D

Acq: 2 Oct 2019 15:53

Instrument :

BNA_G

ClientSampleId :

PB123559BL

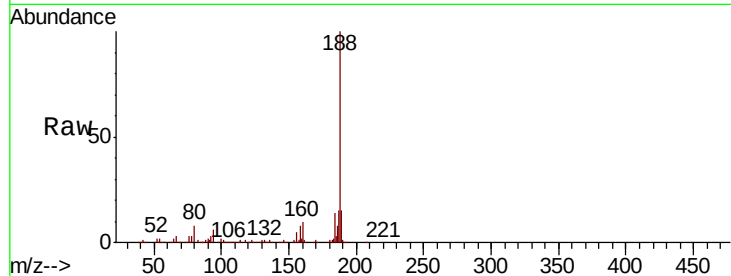
Tot Ion:188 Resp: 377131

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

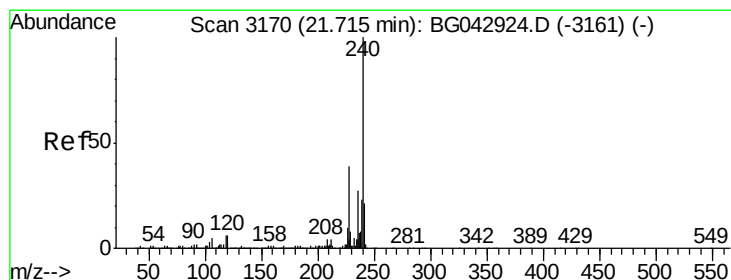
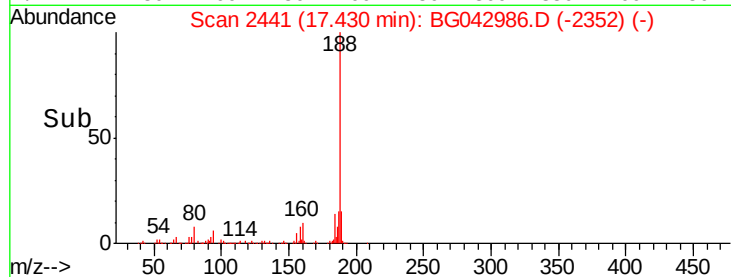
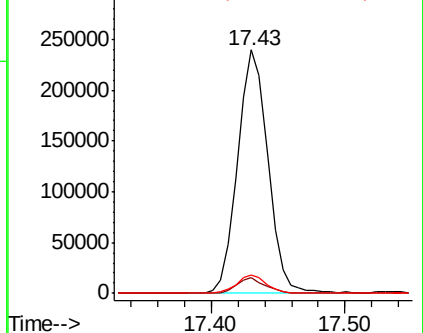
80 7.6 6.5 9.7



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042986.D

Acq: 2 Oct 2019 15:53

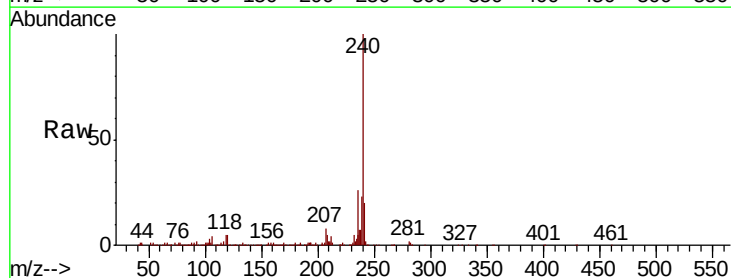
Tgt Ion:240 Resp: 413556

Ion Ratio Lower Upper

240 100

120 5.2 4.8 7.2

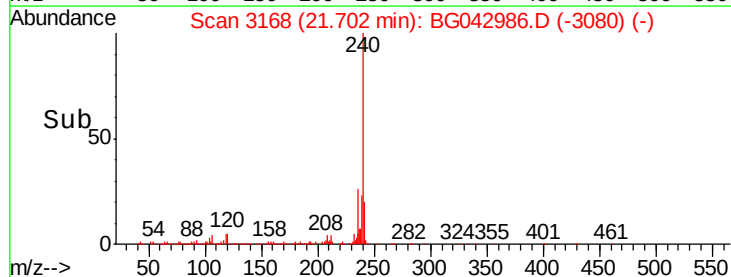
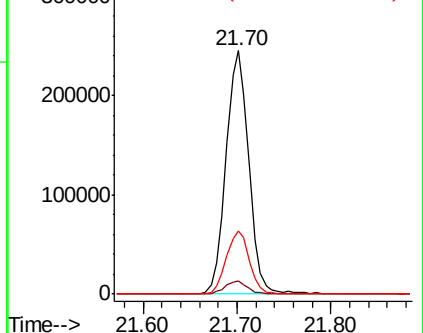
236 25.8 21.4 32.0

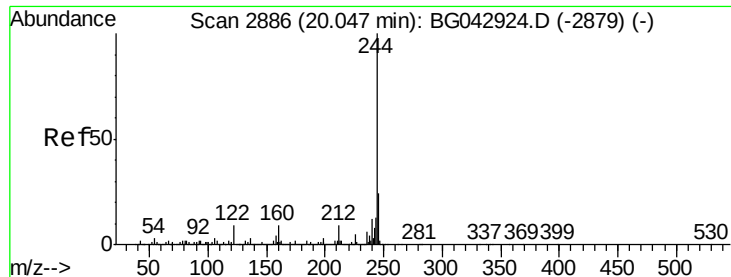


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.067 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042986.D

Acq: 2 Oct 2019 15:53

Instrument :

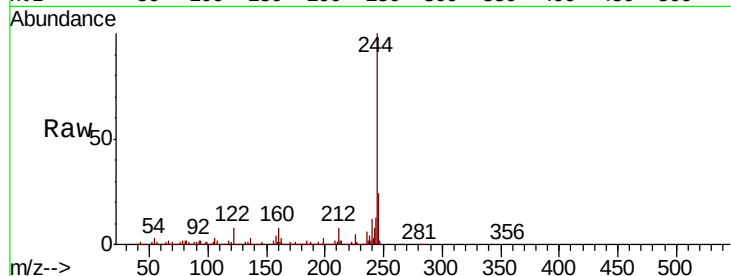
BNA_G

ClientSampleId :

PB123559BL

Tot Ion:244 Resp: 2039124

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	7.7	7.0	10.4

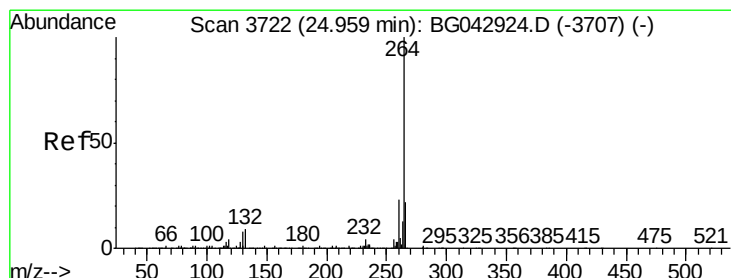
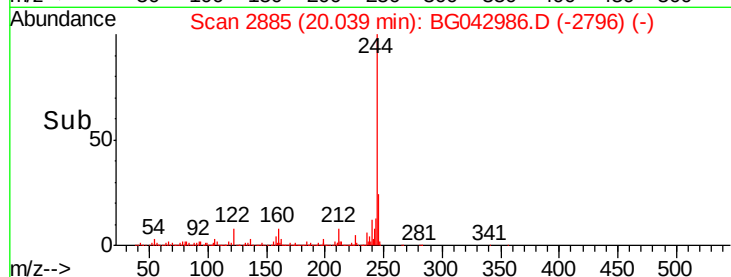
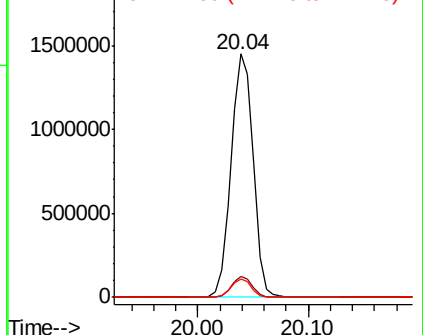


Abundance

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: 24.93 min Scan# 3717

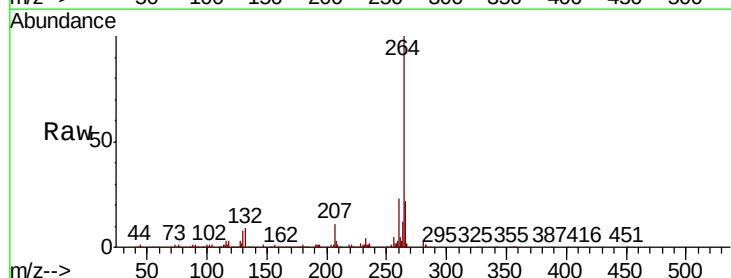
Delta R.T. -0.03 min

Lab File: BG042986.D

Acq: 2 Oct 2019 15:53

Tgt Ion:264 Resp: 463004

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.9	17.7	26.5



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

