

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019867.D
 Acq On : 3 Dec 2015 12:47
 Operator : UM/NP
 Sample : G4583-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-07(0-8)

Quant Time: Dec 03 13:30:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	20793	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	90616	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	68335	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	186858	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	227008	20.00	ng	-0.02
86) Perylene-d12	25.07	264	210327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	180069	156.52	ng	0.00
7) Phenol-d6	7.27	99	244084	140.52	ng	0.00
23) Nitrobenzene-d5	9.29	82	194513	109.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	171203	163.74	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	494345	98.78	ng	0.00
78) Terphenyl-d14	20.10	244	973958	104.65	ng	0.00

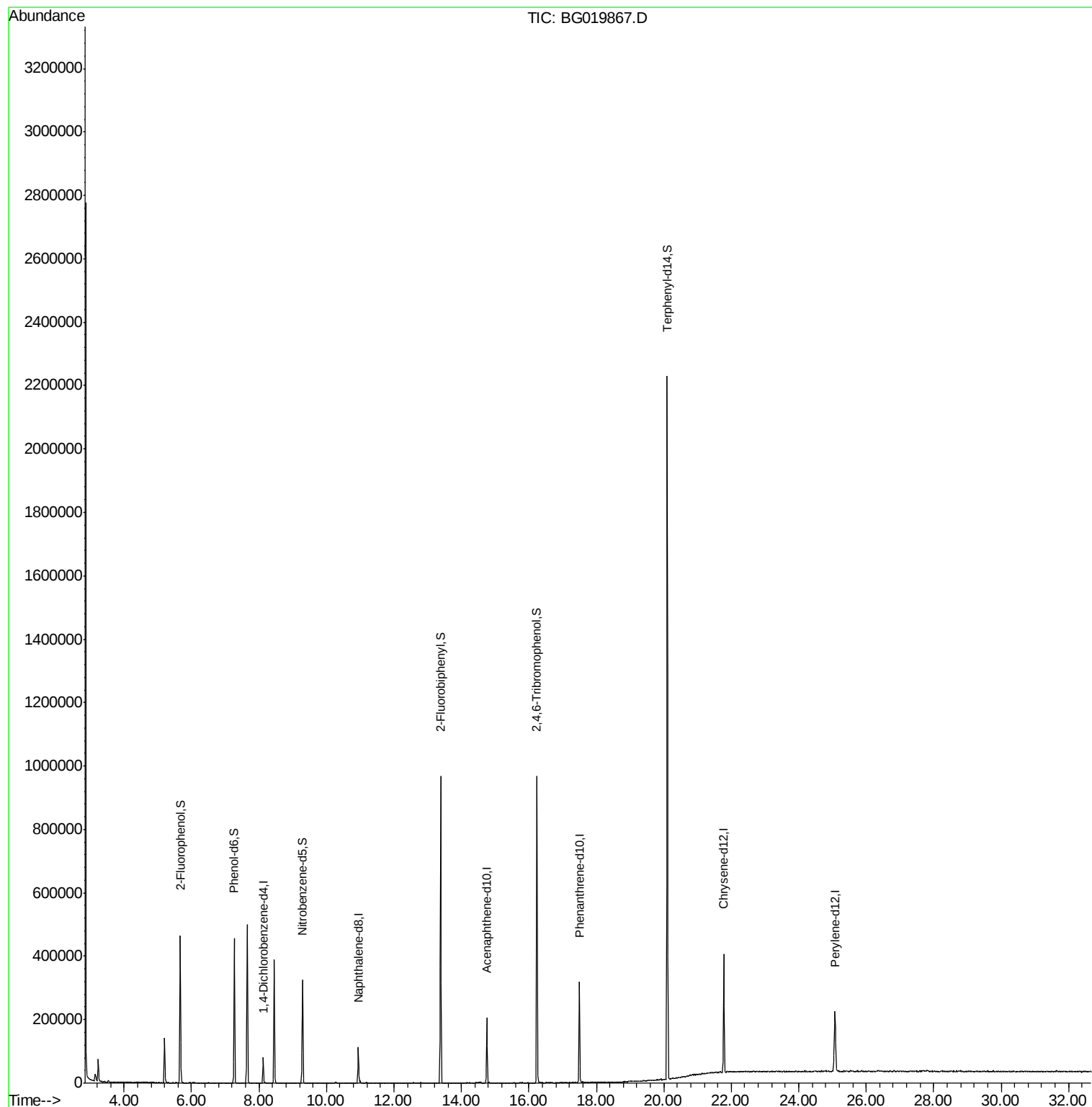
Target Compounds	Qvalue
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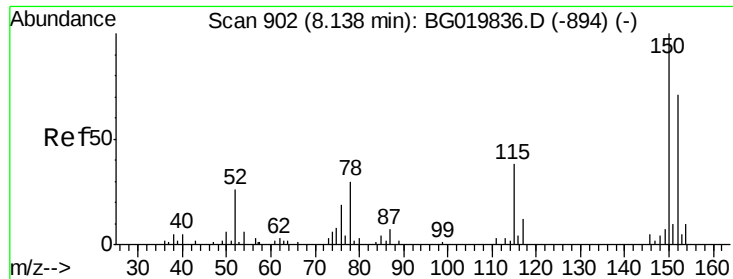
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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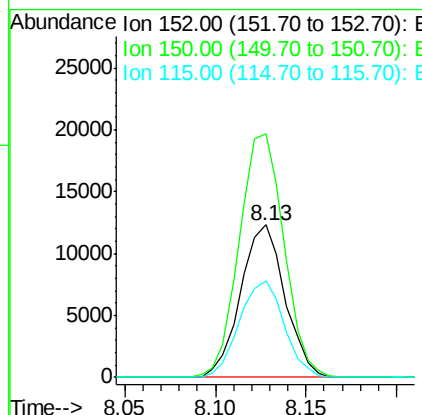
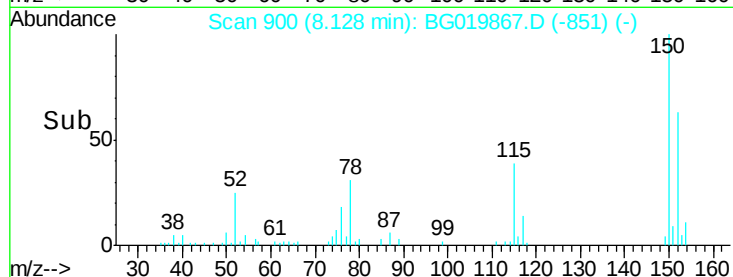
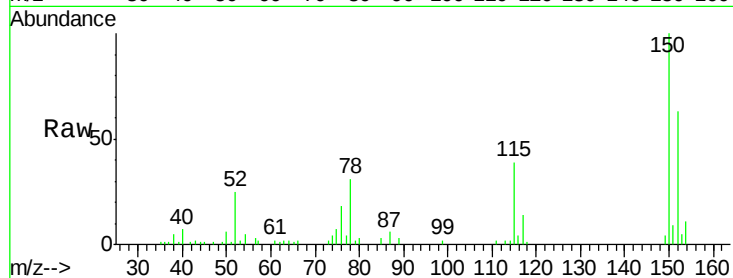




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

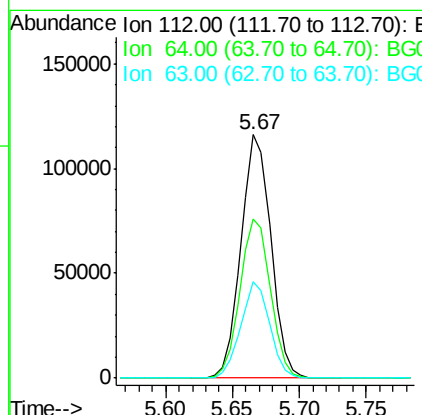
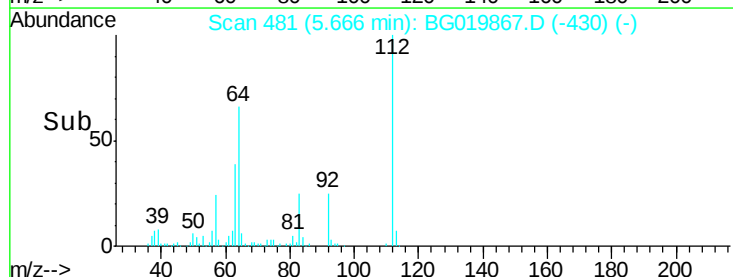
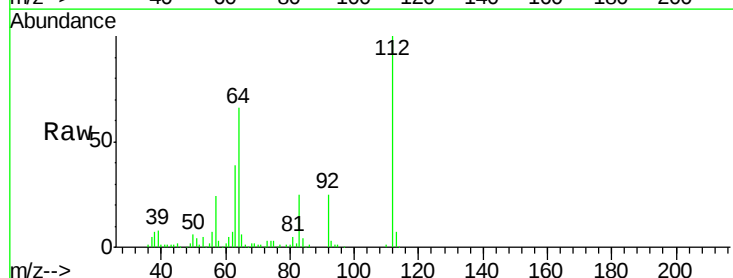
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-07(0-8)

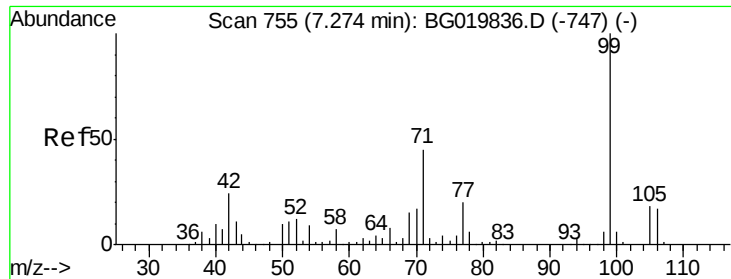
Tgt Ion:152 Resp: 20793
 Ion Ratio Lower Upper
 152 100
 150 159.5 115.0 172.4
 115 62.8 43.9 65.9



#5
 2-Fluorophenol
 Concen: 156.52 ng
 RT: 5.67 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

Tgt Ion:112 Resp: 180069
 Ion Ratio Lower Upper
 112 100
 64 65.5 43.7 65.5
 63 39.5 24.0 36.0#





#7

Phenol-d6

Concen: 140.52 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019867.D

Acq: 3 Dec 2015 12:47

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-07(0-8)

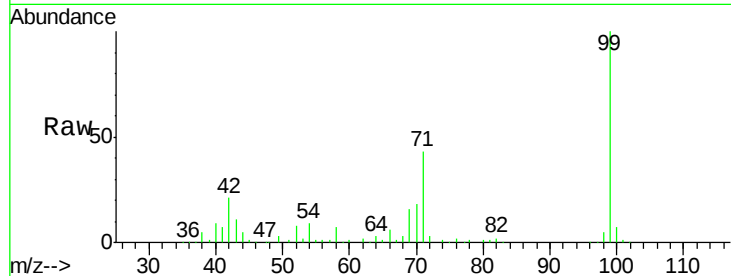
Tgt Ion: 99 Resp: 244084

Ion Ratio Lower Upper

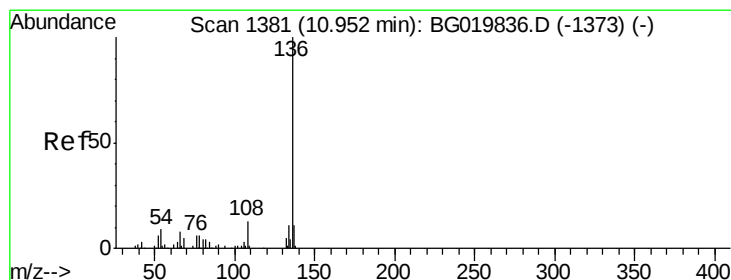
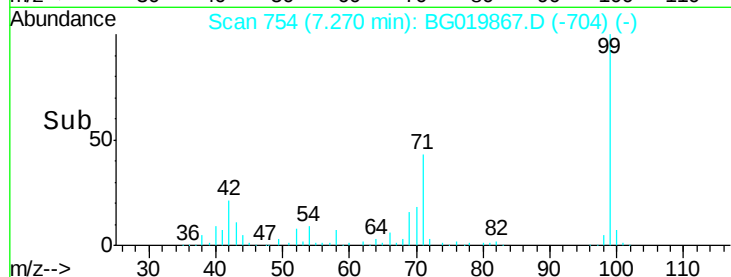
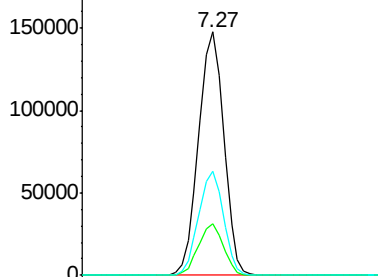
99 100

42 21.4 11.5 17.3#

71 42.7 22.6 34.0#



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: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019867.D

Acq: 3 Dec 2015 12:47

Tgt Ion: 136 Resp: 90616

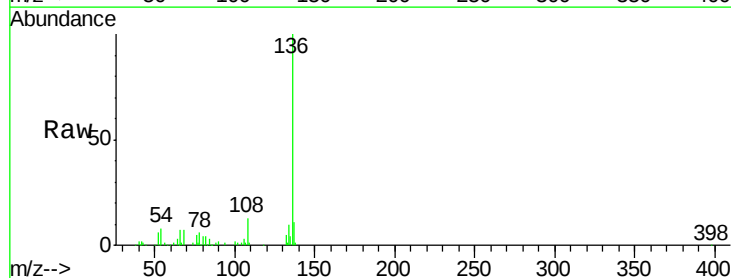
Ion Ratio Lower Upper

136 100

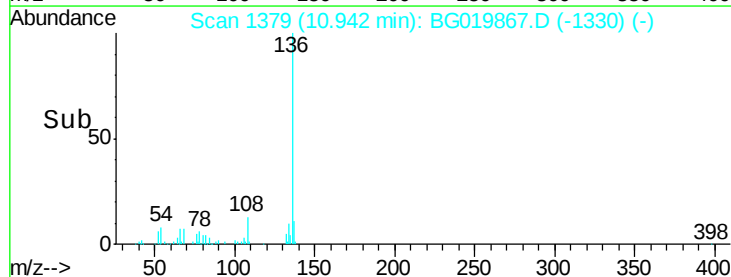
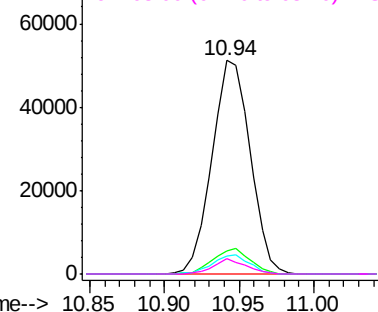
137 10.8 8.6 12.8

54 8.4 5.4 8.2#

68 7.2 5.3 7.9



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

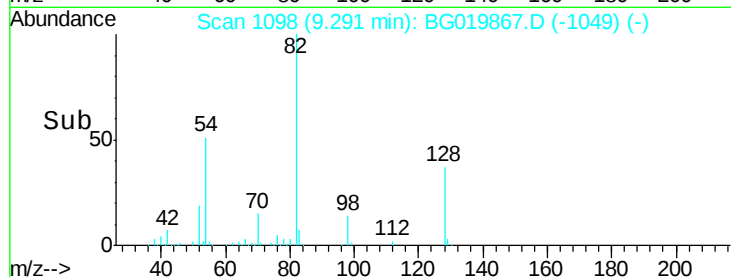
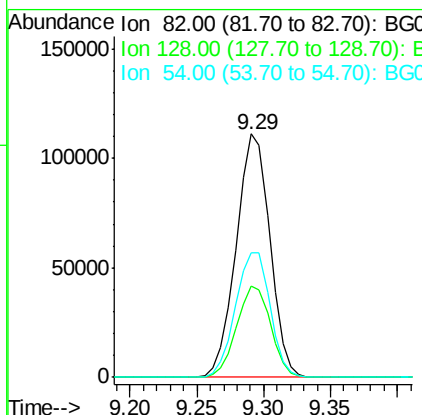
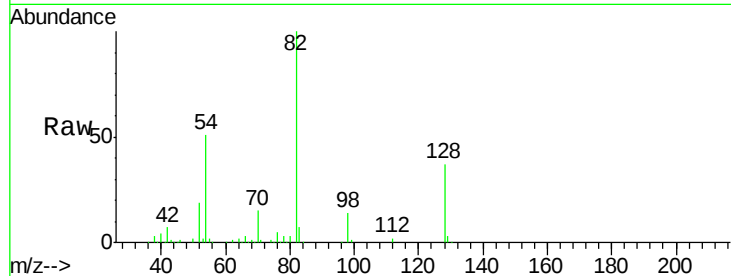




#23
 Nitrobenzene-d5
 Concen: 109.55 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

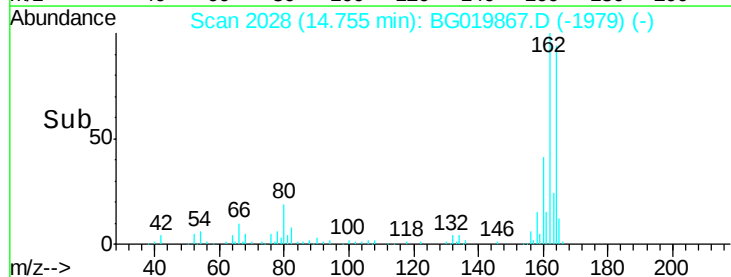
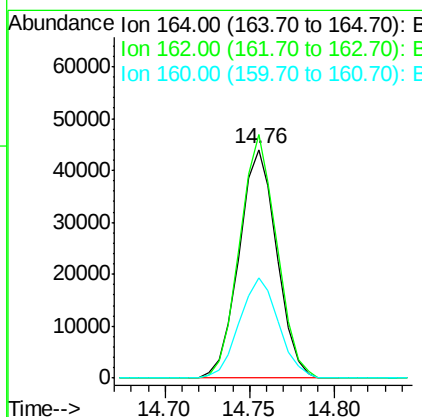
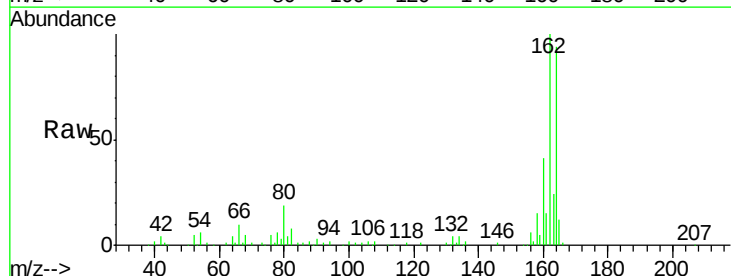
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-07(0-8)

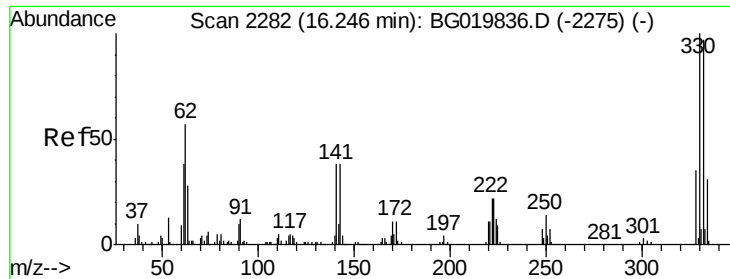
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	36.7	55.1
54	51.2	33.8	50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	43.6	36.4	54.6

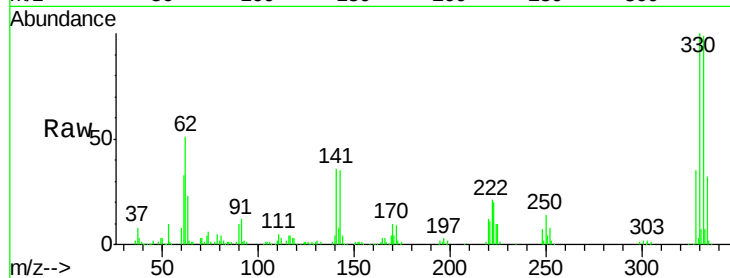




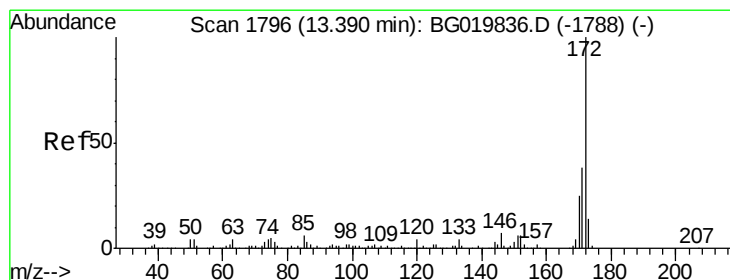
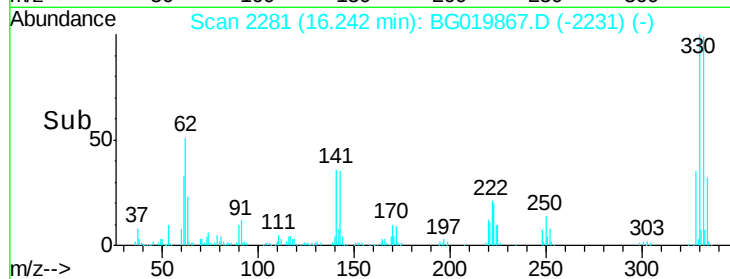
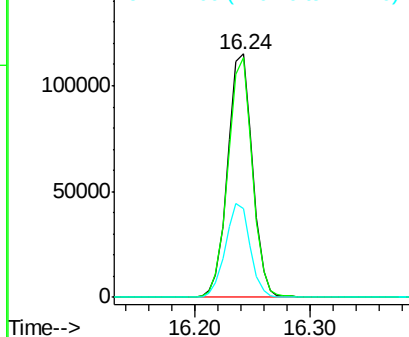
#41
 2,4,6-Tribromophenol
 Concen: 163.74 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-07(0-8)

Tgt Ion:330 Resp: 171203
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 38.3 28.2 42.2

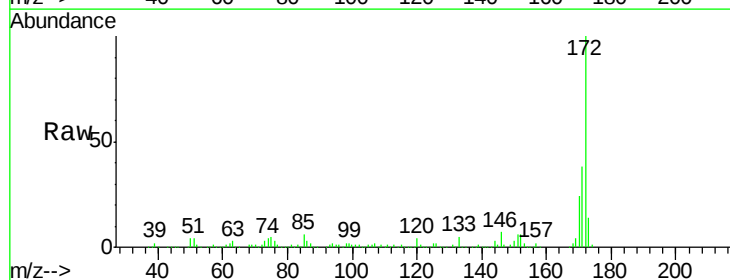


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

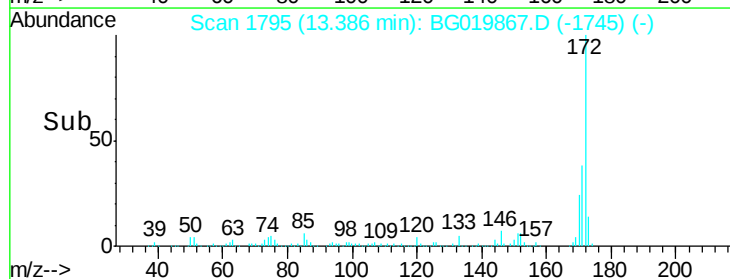
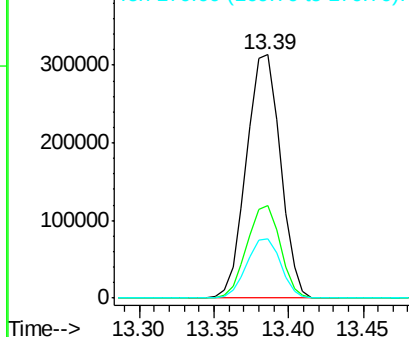


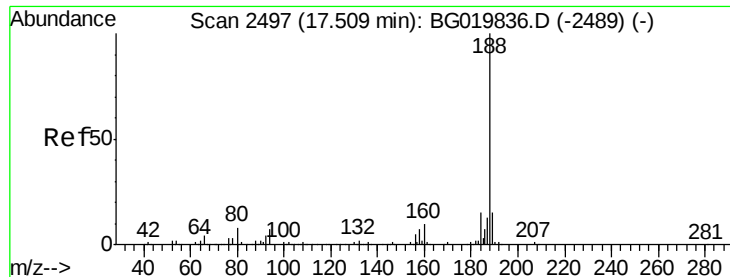
#44
 2-Fluorobiphenyl
 Concen: 98.78 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG019867.D
 Acq: 3 Dec 2015 12:47

Tgt Ion:172 Resp: 494345
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.0 43.6
 170 24.4 19.9 29.9



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

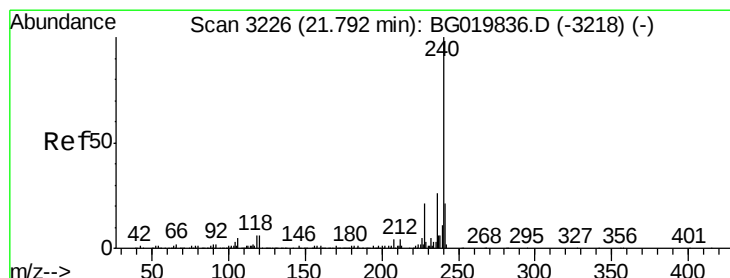
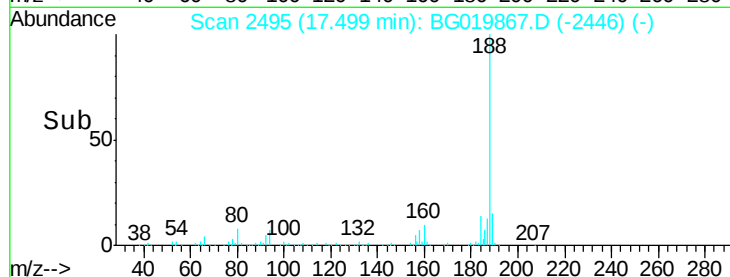
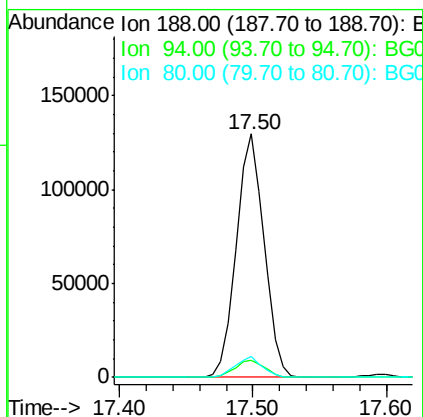
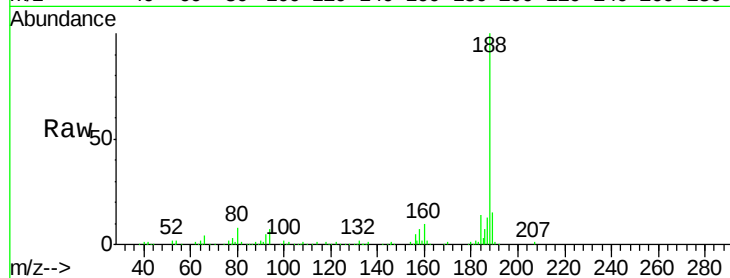




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019867.D
Acq: 3 Dec 2015 12:47

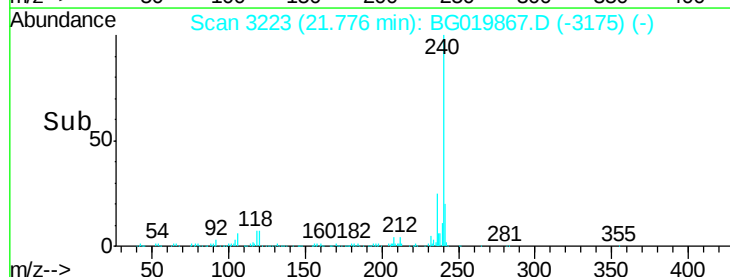
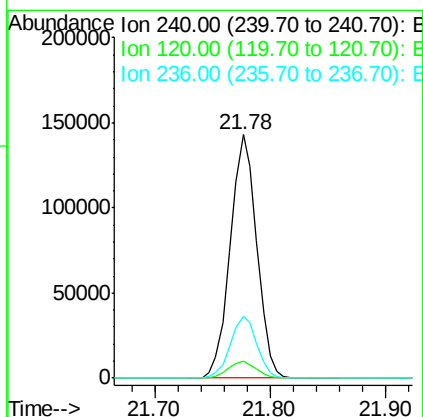
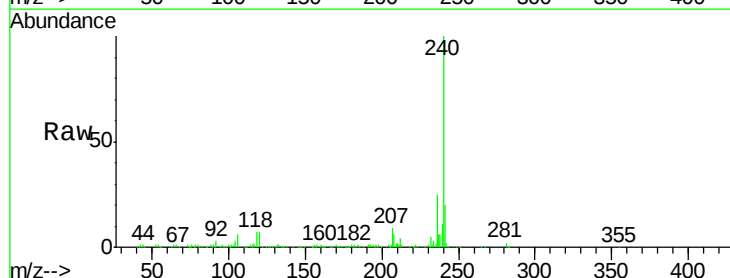
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-07(0-8)

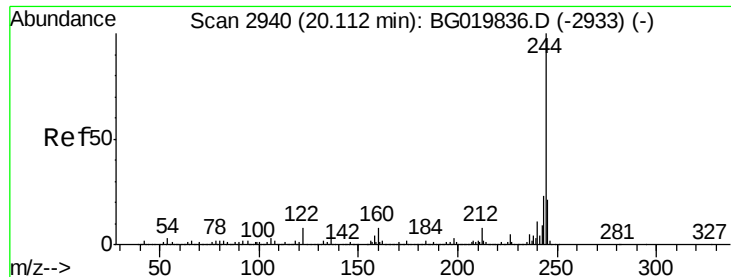
Tgt Ion:188 Resp: 186858
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 8.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019867.D
Acq: 3 Dec 2015 12:47

Tgt Ion:240 Resp: 227008
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 104.65 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019867.D

Acq: 3 Dec 2015 12:47

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-07(0-8)

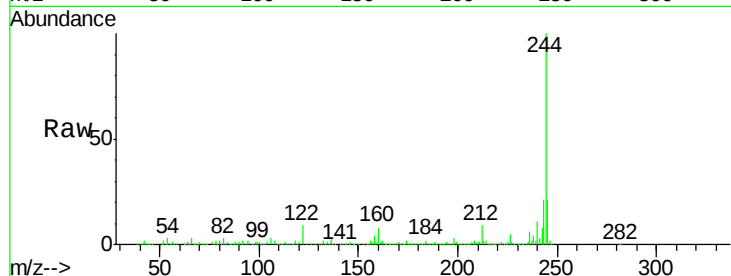
Tgt Ion:244 Resp: 973958

Ion Ratio Lower Upper

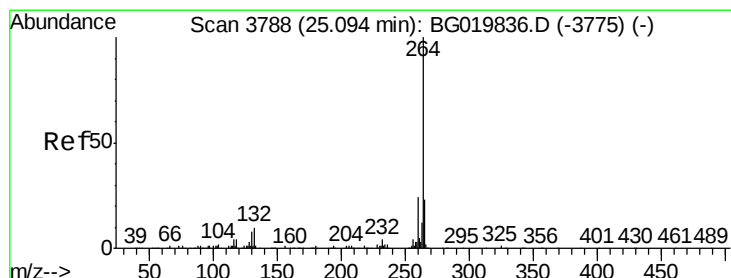
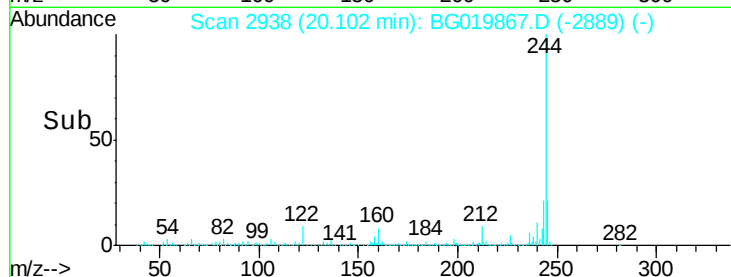
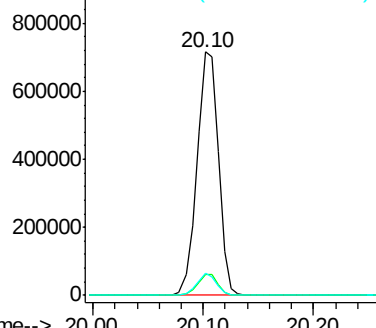
244 100

212 8.6 6.9 10.3

122 9.0 10.2 15.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BG019867.D

Acq: 3 Dec 2015 12:47

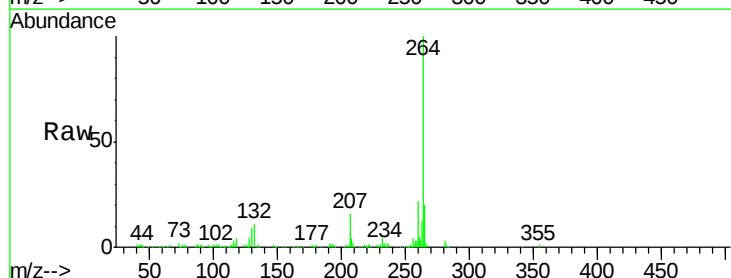
Tgt Ion:264 Resp: 210327

Ion Ratio Lower Upper

264 100

260 21.7 18.5 27.7

265 20.0 17.2 25.8



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

