

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039485.D
 Acq On : 13 Feb 2019 5:10
 Operator : JU/SJ
 Sample : K1458-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Quant Time: Feb 13 07:20:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46551	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	215229	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	153975	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	359384	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	355690	20.00	ng	-0.02
87) Perylene-d12	25.21	264	346734	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	443446	163.04	ng	0.00
7) Phenol-d6	7.31	99	602837	150.57	ng	0.00
23) Nitrobenzene-d5	9.35	82	430411	124.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	255087	153.85	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1041573	97.04	ng	-0.02
79) Terphenyl-d14	20.13	244	1565298	93.15	ng	-0.02

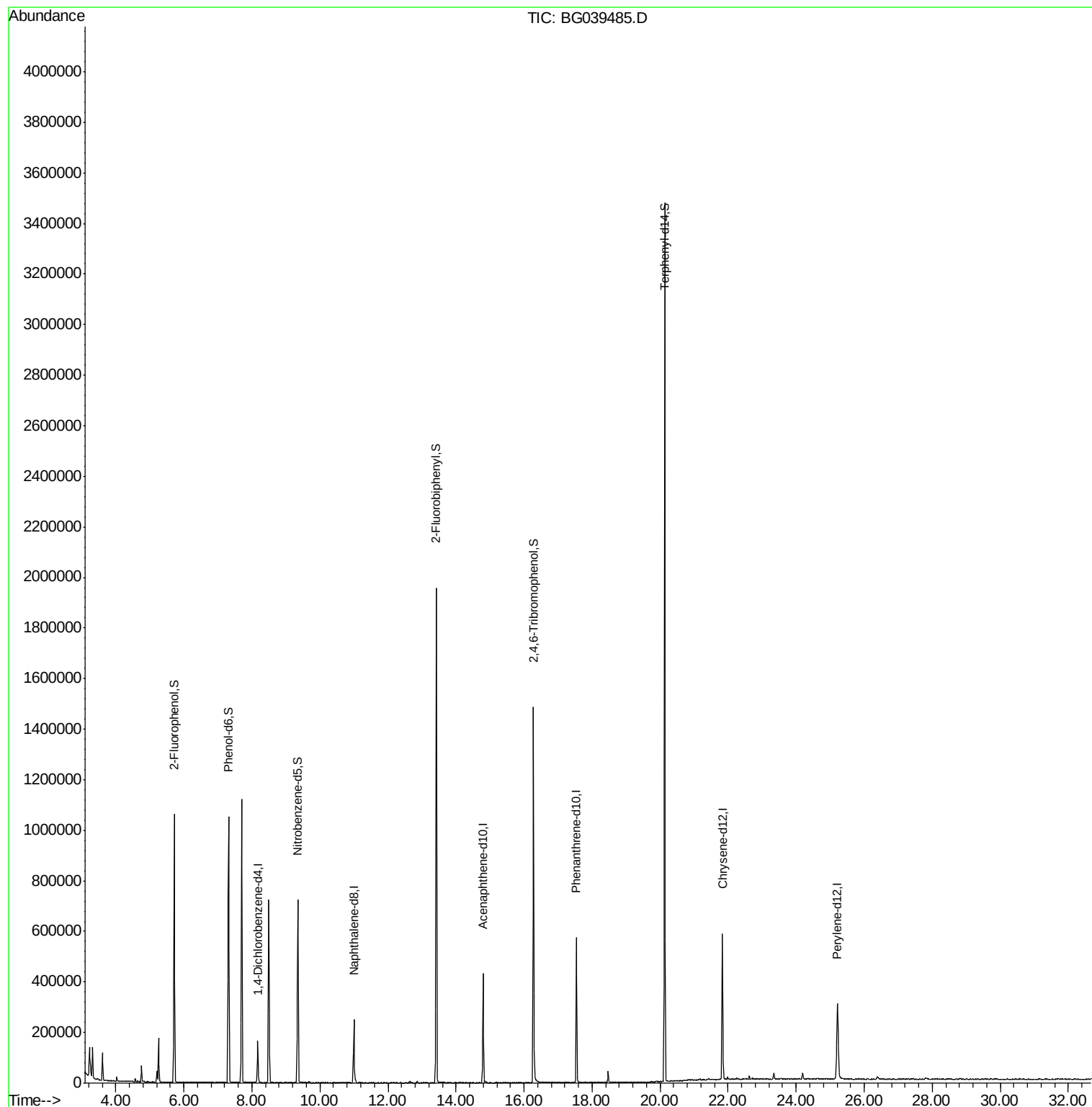
Target Compounds Qvalue

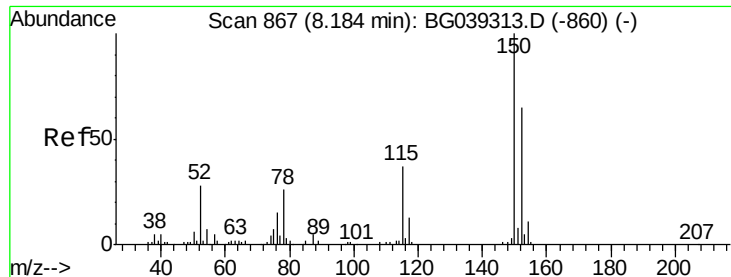
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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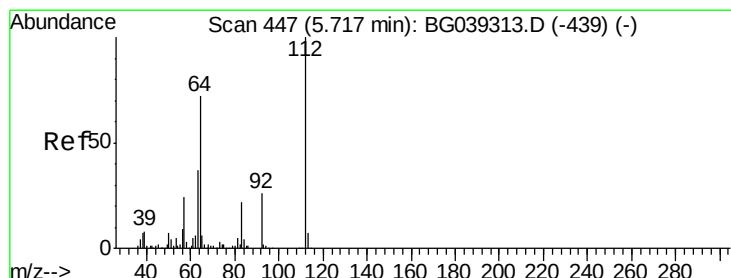
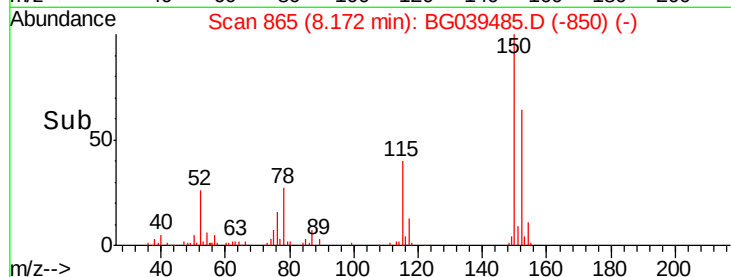
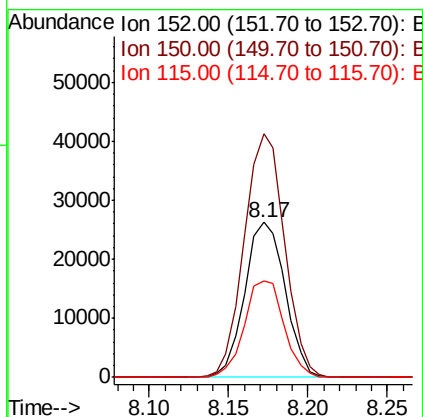
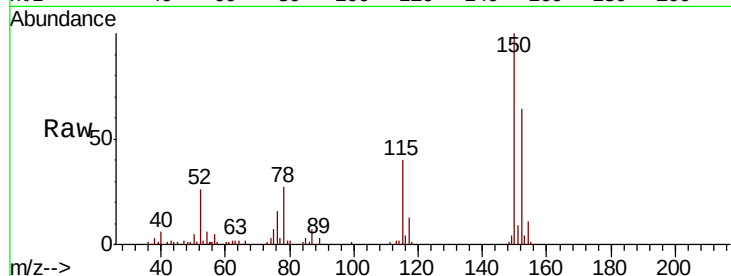


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Instrument :
BNA_G
ClientSampled :
WC-6

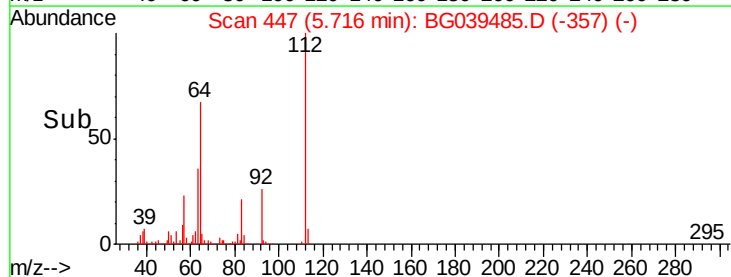
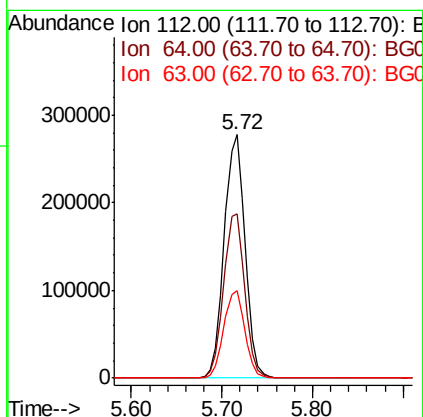
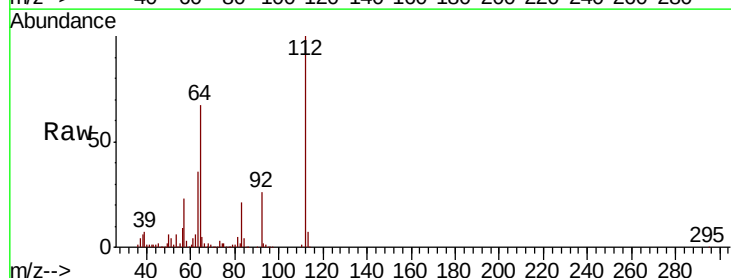
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.7	185.5
115	62.4	45.9	68.9

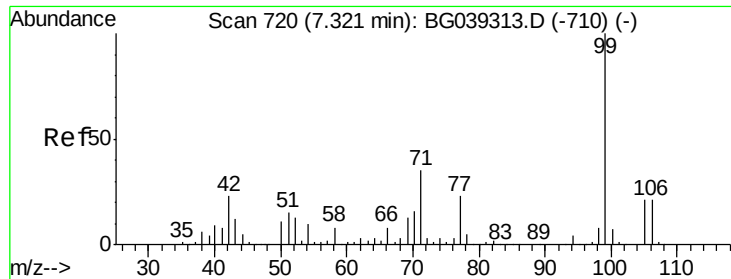


#5

2-Fluorophenol
Concen: 163.039 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039485.D
Acq: 13 Feb 2019 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	35.8	29.8	44.6





#7

Phenol-d6

Concen: 150.574 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

Instrument :

BNA_G

ClientSampleId :

WC-6

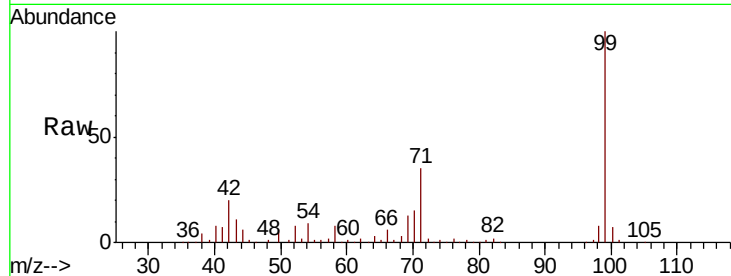
Tot Ion: 99 Resp: 602837

Ion Ratio Lower Upper

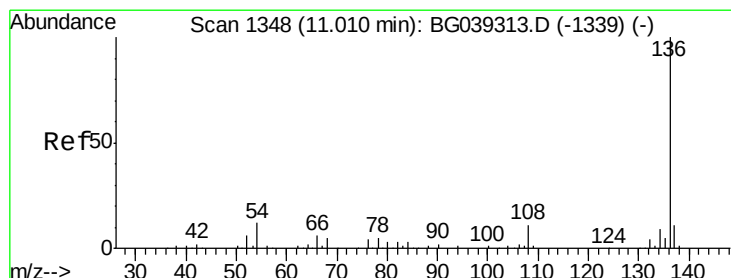
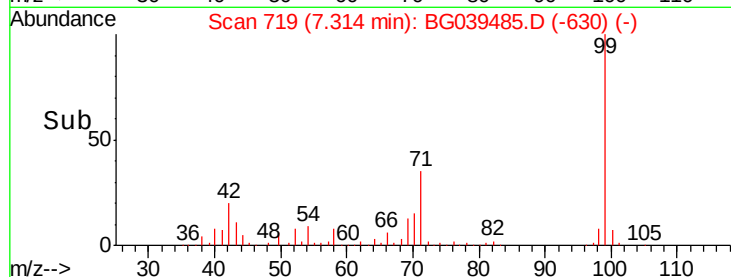
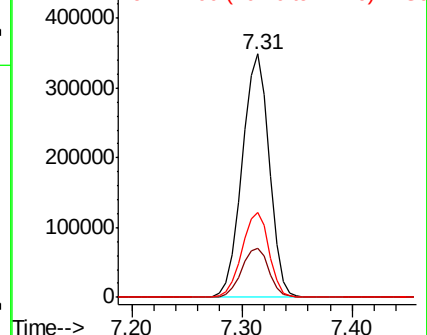
99 100

42 20.3 18.2 27.2

71 34.9 28.0 42.0



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: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

Tgt Ion: 136 Resp: 215229

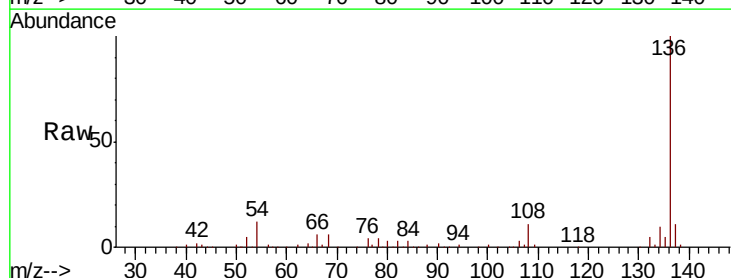
Ion Ratio Lower Upper

136 100

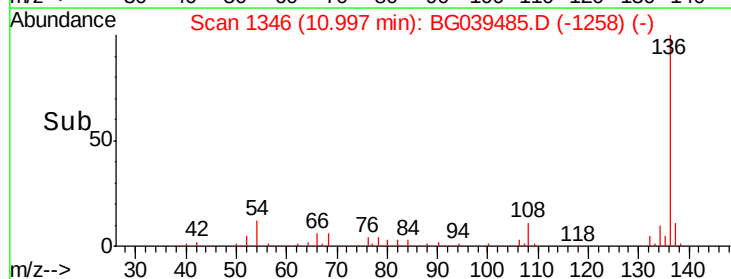
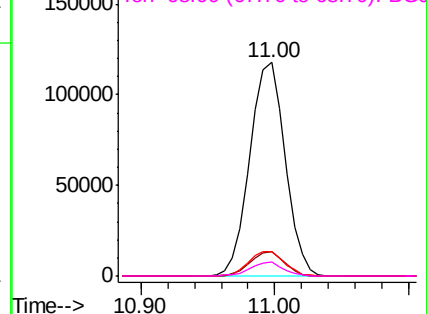
137 11.3 9.1 13.7

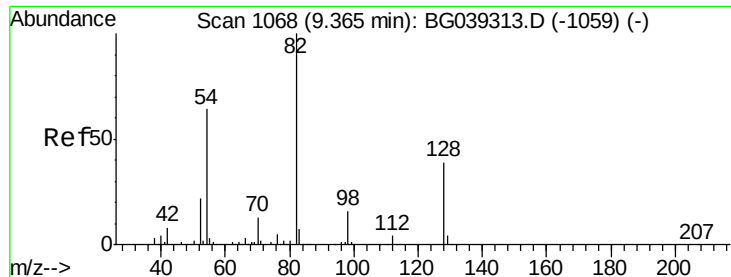
54 11.5 9.4 14.2

68 6.3 4.2 6.4



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

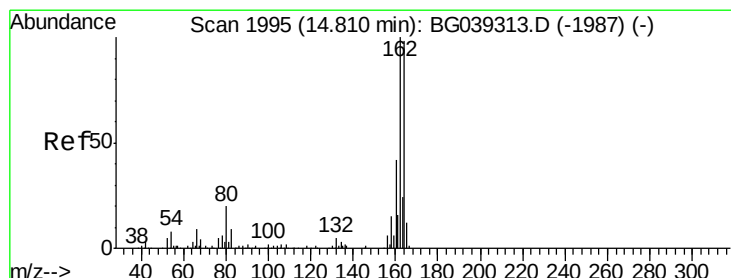
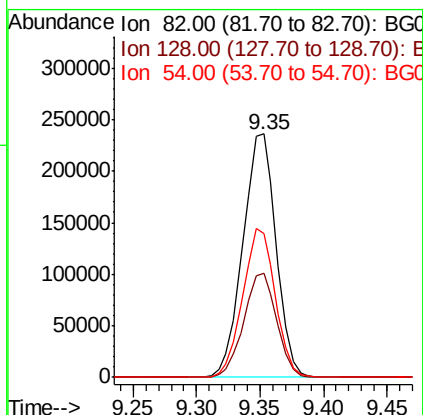
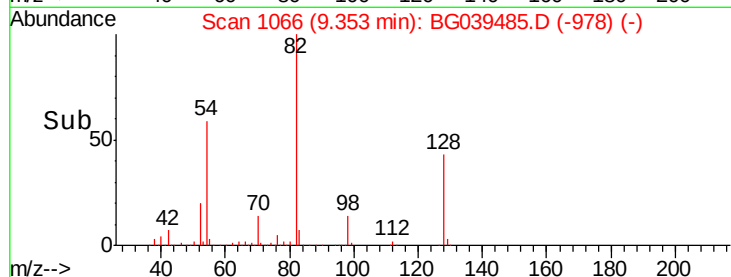
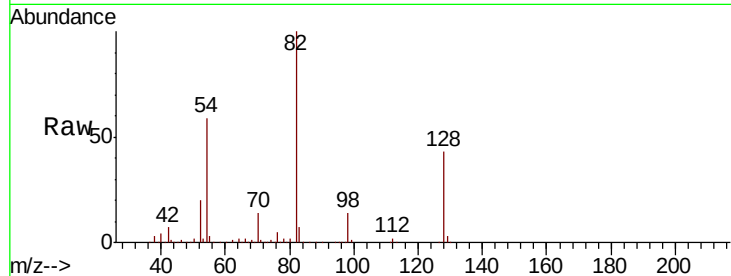




#23
 Nitrobenzene-d5
 Concen: 124.930 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039485.D
 Acq: 13 Feb 2019 5:10

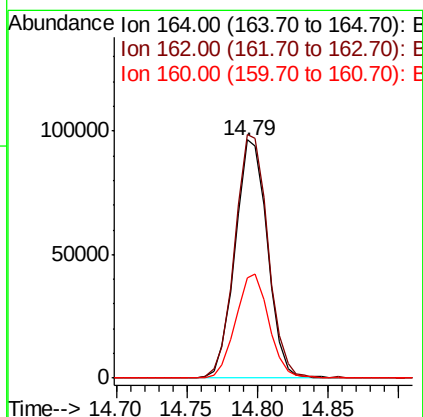
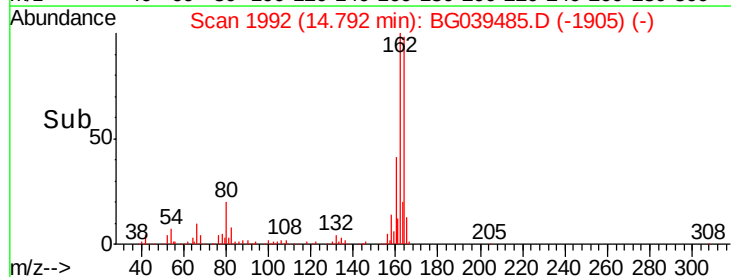
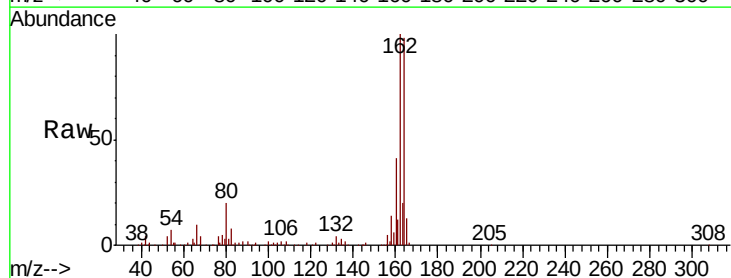
Instrument :
 BNA_G
 ClientSampleId :
 WC-6

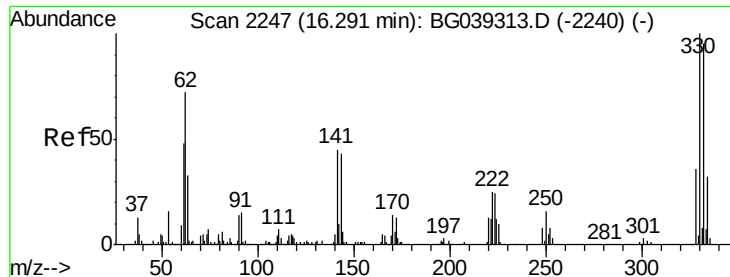
Tot Ion	82	Resp	430411
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	59.0	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039485.D
 Acq: 13 Feb 2019 5:10

Tgt Ion	164	Resp	153975
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.6	122.4
160	42.3	34.2	51.2

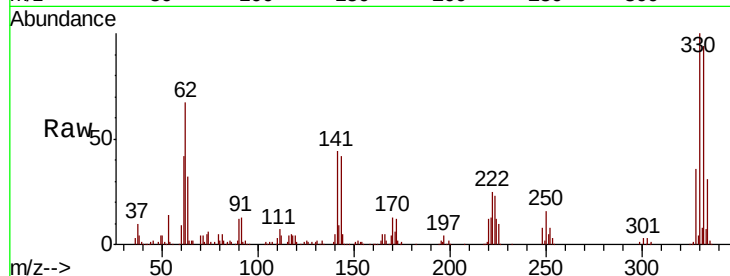




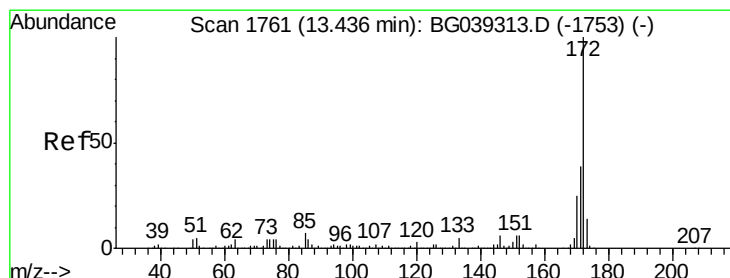
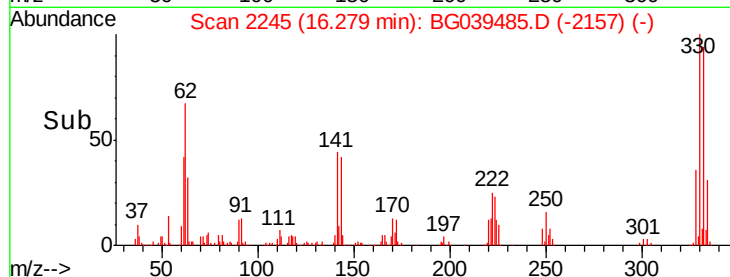
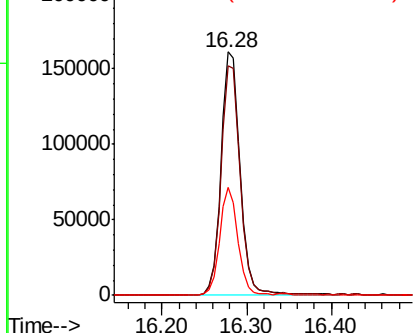
#42
 2,4,6-Tribromophenol
 Concen: 153.848 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039485.D
 Acq: 13 Feb 2019 5:10

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Tot Ion:330 Resp: 255087
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 42.9 35.6 53.4

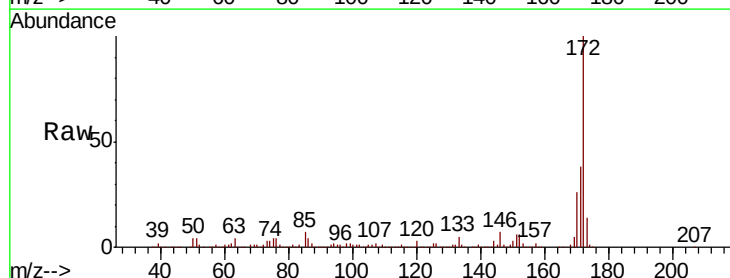


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

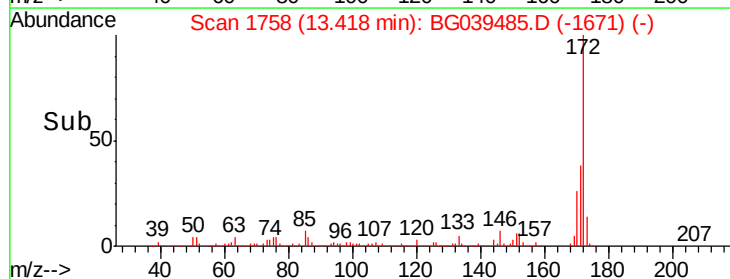
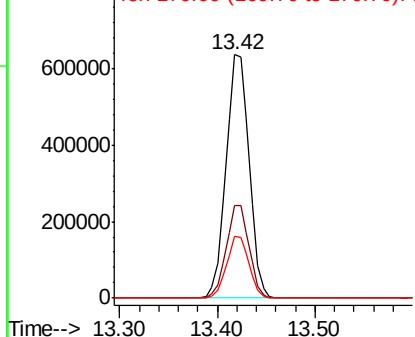


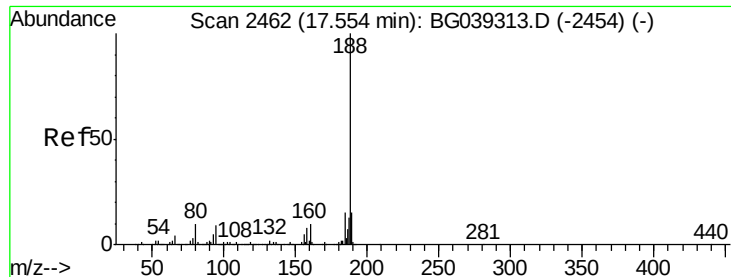
#45
 2-Fluorobiphenyl
 Concen: 97.041 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039485.D
 Acq: 13 Feb 2019 5:10

Tgt Ion:172 Resp: 1041573
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.6 20.2 30.4



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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

Instrument :

BNA_G

ClientSampleId :

WC-6

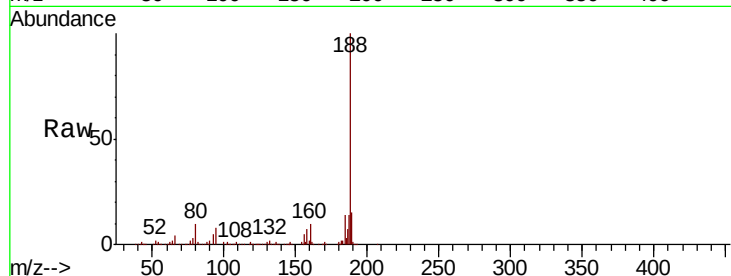
Tot Ion:188 Resp: 359384

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

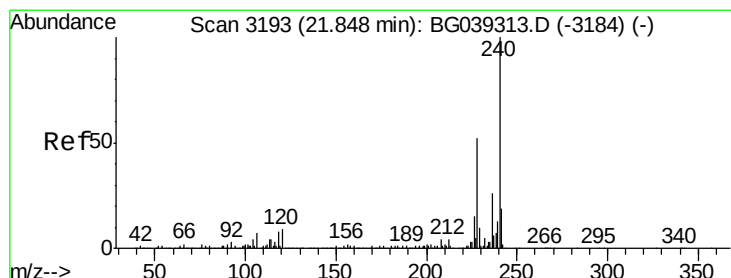
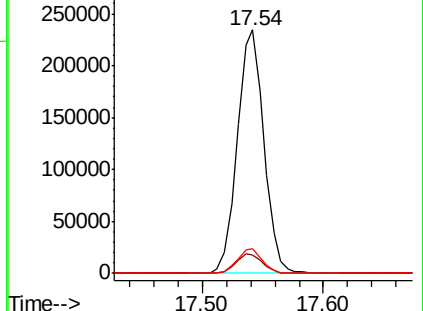
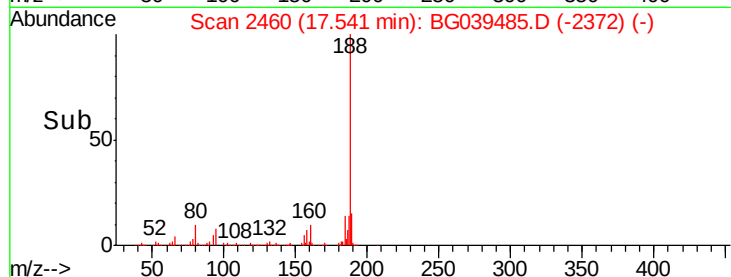
80 9.9 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

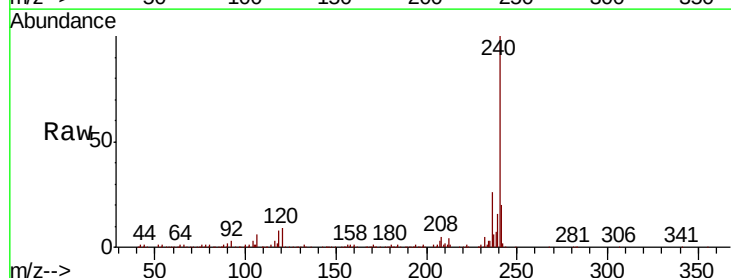
Tgt Ion:240 Resp: 355690

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

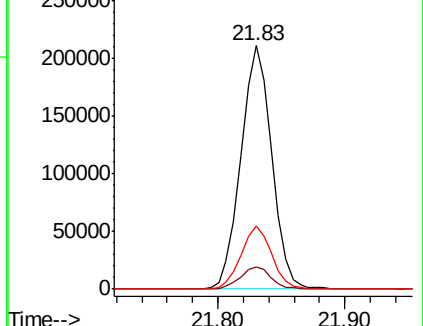
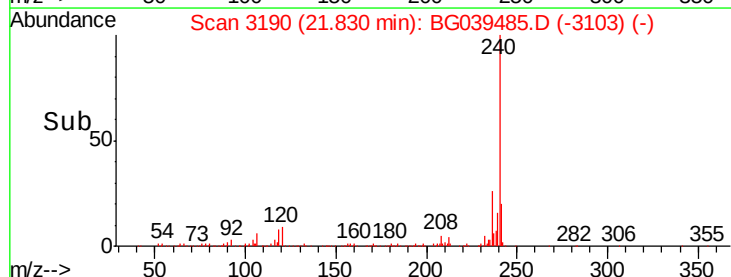
236 26.1 21.0 31.4

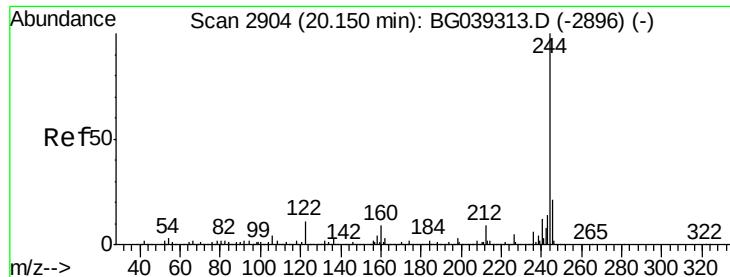


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.150 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

Instrument :

BNA_G

ClientSampleId :

WC-6

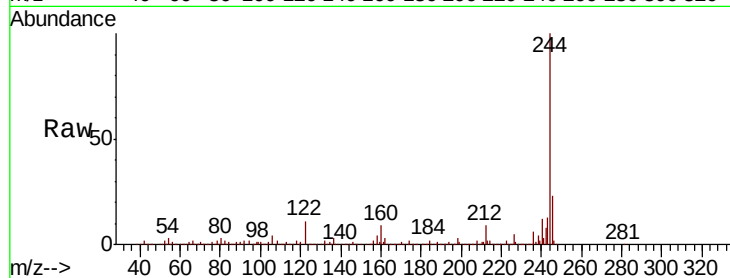
Tot Ion:244 Resp: 1565298

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

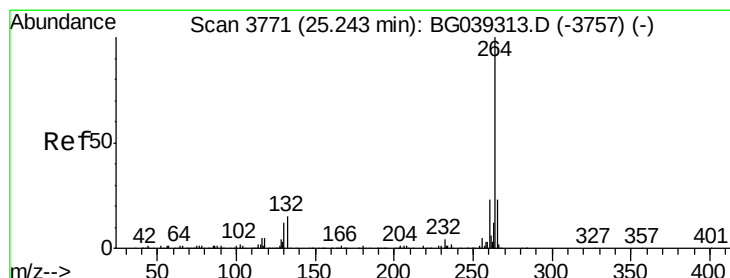
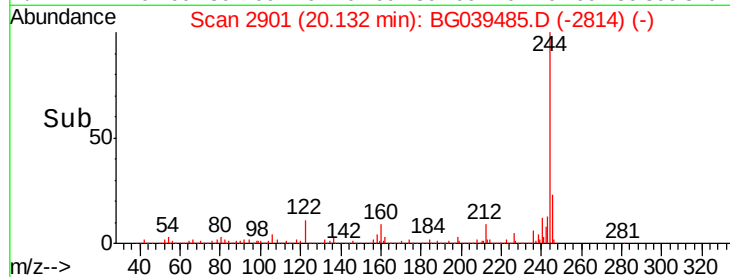
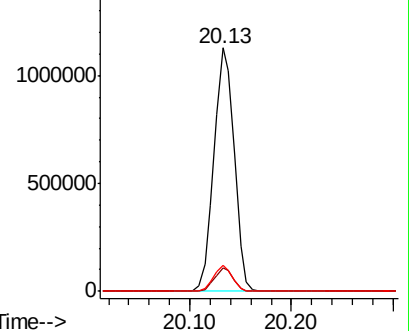
122 10.6 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039485.D

Acq: 13 Feb 2019 5:10

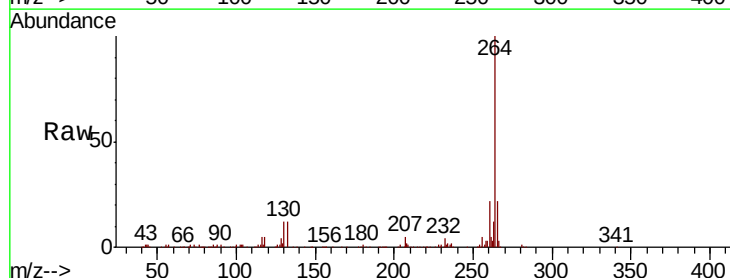
Tgt Ion:264 Resp: 346734

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.4

265 22.0 18.5 27.7



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

