

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031483.D
 Acq On : 12 Dec 2017 9:28
 Operator : SJ/JU
 Sample : I6766-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-2W

Quant Time: Dec 12 11:34:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55346	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	238517	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161699	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	460354	20.00	ng	0.00
75) Chrysene-d12	21.74	240	547994	20.00	ng	0.00
86) Perylene-d12	25.02	264	522190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	173917	55.70	ng	0.00
7) Phenol-d6	7.28	99	169116	39.01	ng	0.00
23) Nitrobenzene-d5	9.27	82	377556	97.57	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	225722	119.15	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1103748	100.20	ng	0.00
78) Terphenyl-d14	20.07	244	2129530	88.41	ng	0.00

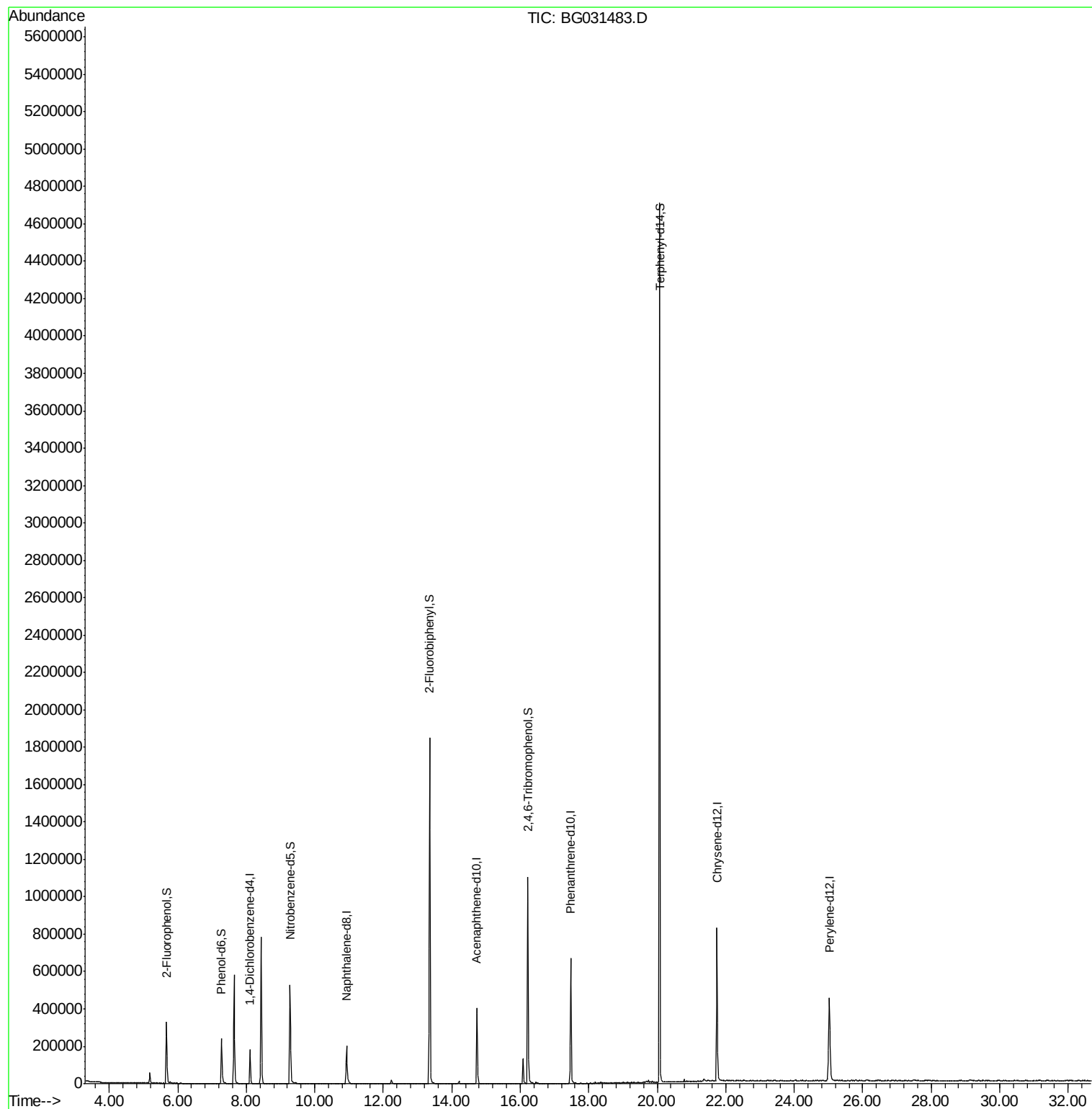
Target Compounds Qvalue

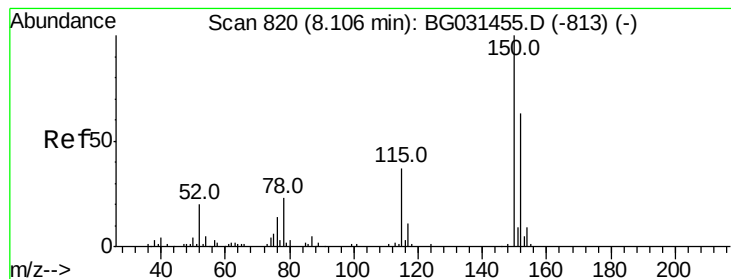
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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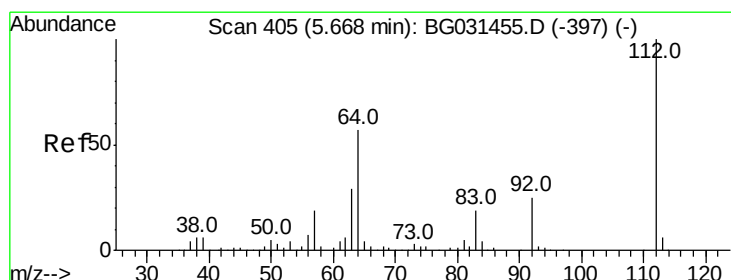
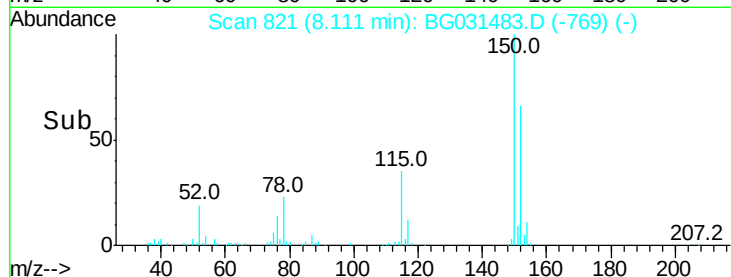
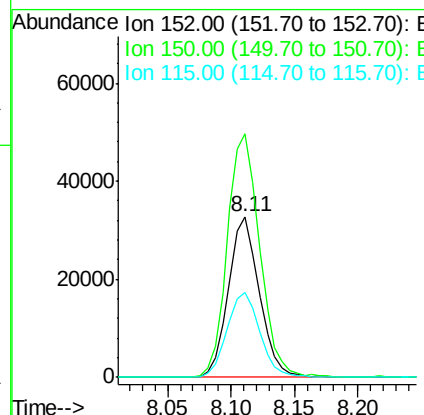
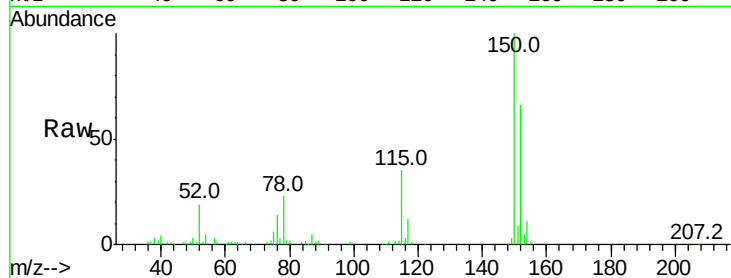


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031483.D
Acq: 12 Dec 2017 9:28

Instrument :
BNA_G
ClientSampleId :
WQ-2W

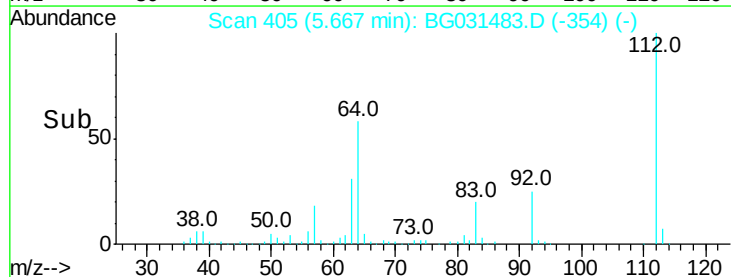
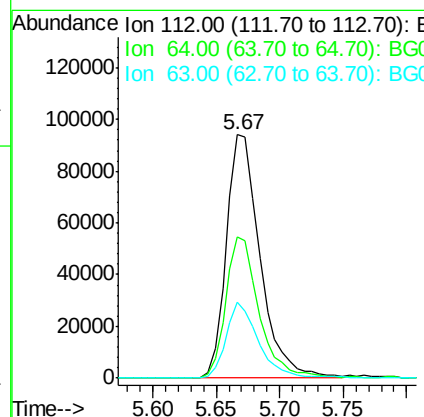
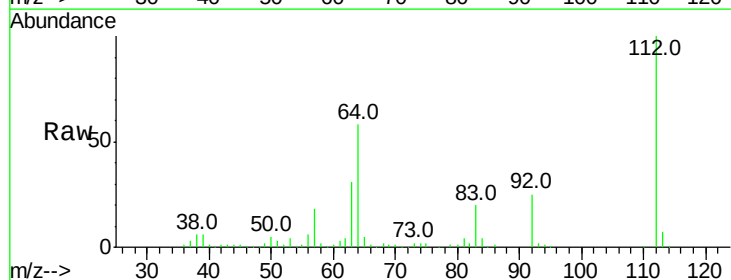
Tot Ion:152 Resp: 55346
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 53.0 53.0 79.4

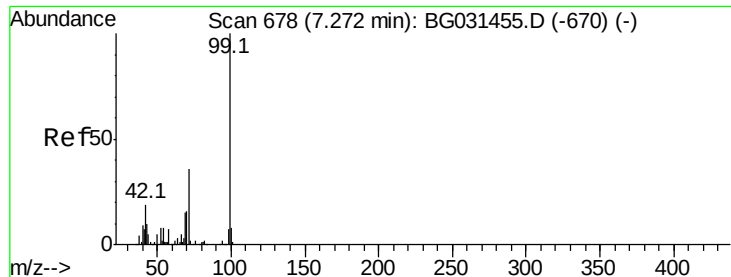


#5

2-Fluorophenol
Concen: 55.699 ng
RT: 5.67 min Scan# 405
Delta R.T. -0.00 min
Lab File: BG031483.D
Acq: 12 Dec 2017 9:28

Tgt Ion:112 Resp: 173917
Ion Ratio Lower Upper
112 100
64 58.1 56.3 84.5
63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 39.015 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

Instrument :

BNA_G

ClientSampled :

WQ-2W

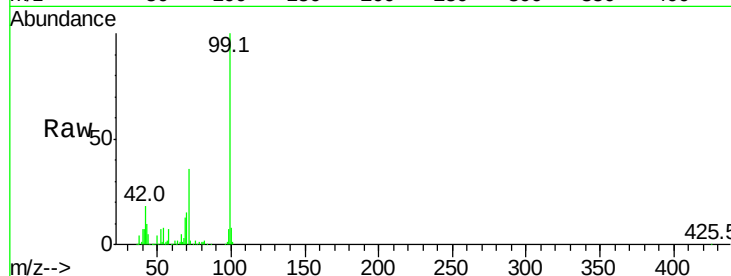
Tot Ion: 99 Resp: 169116

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

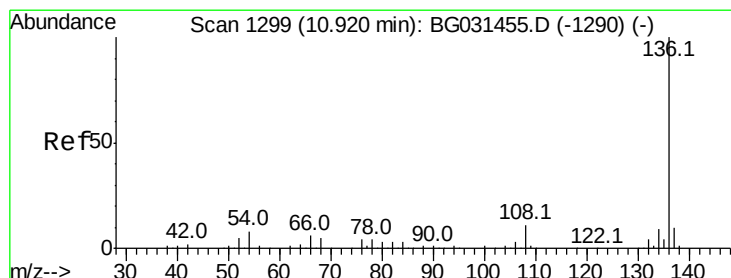
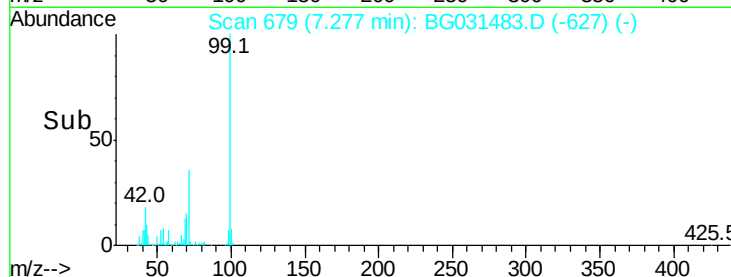
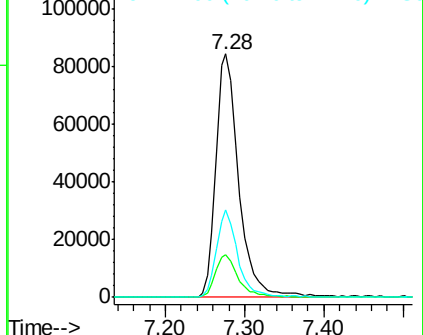
71 35.7 26.1 39.1



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: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

Tgt Ion: 136 Resp: 238517

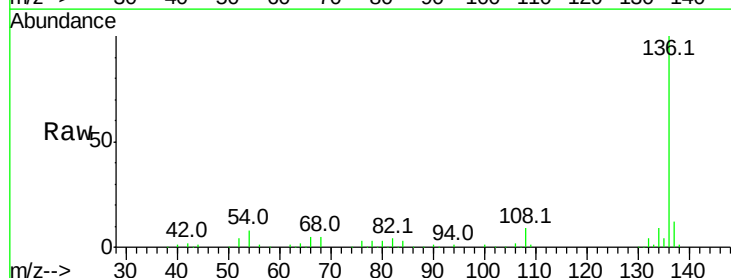
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 7.6 10.3 15.5#

68 4.9 4.5 6.7

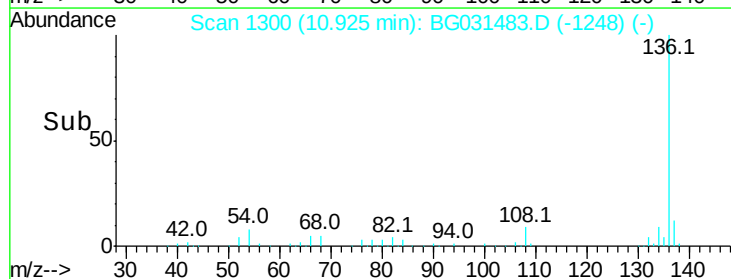
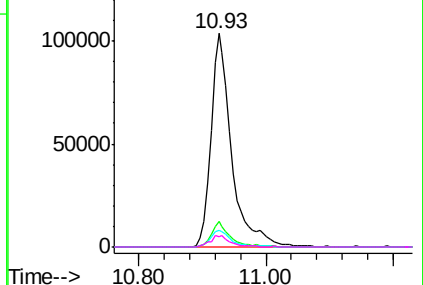


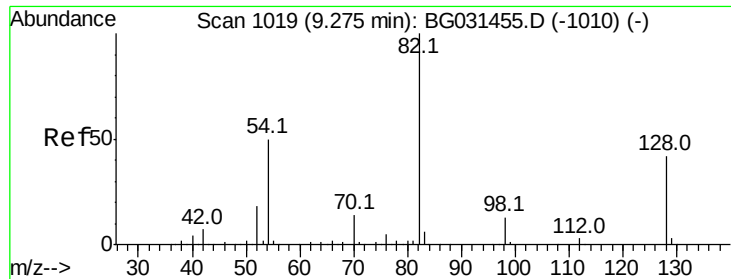
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

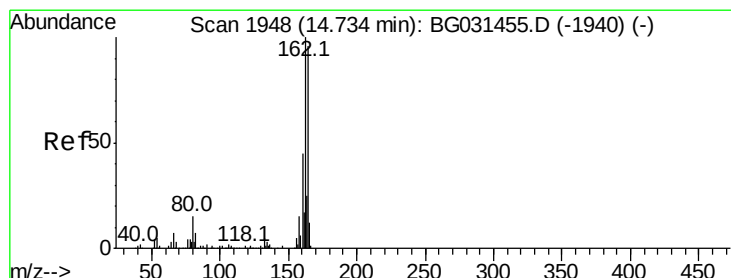
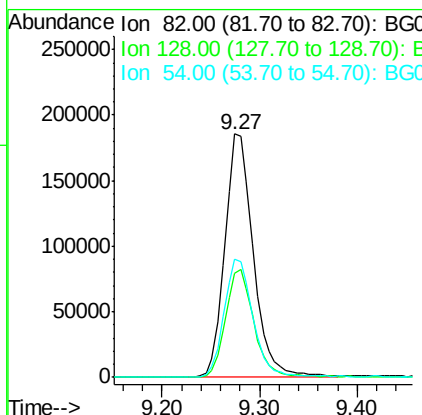
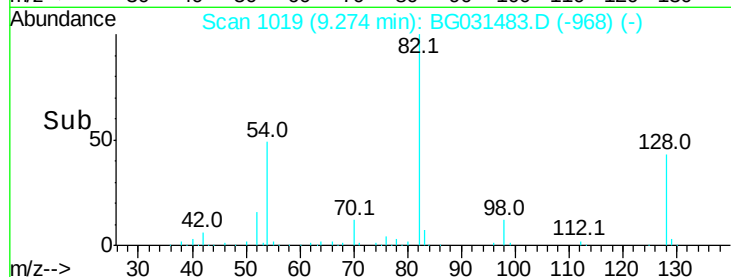
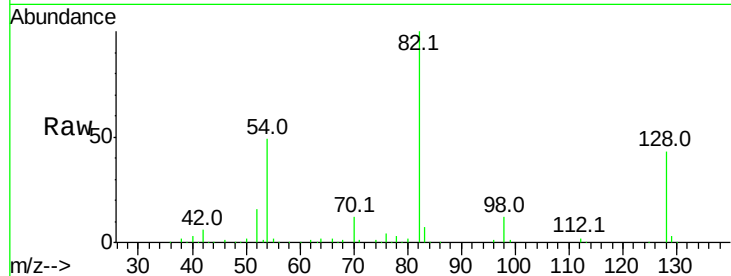




#23
 Nitrobenzene-d5
 Concen: 97.567 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031483.D
 Acq: 12 Dec 2017 9:28

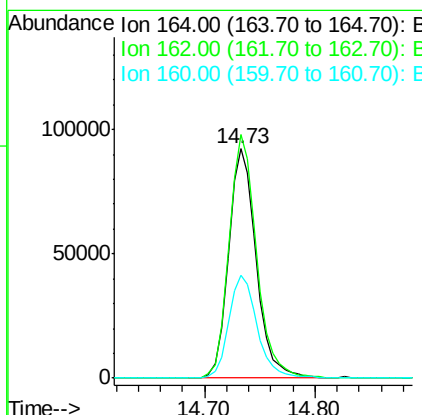
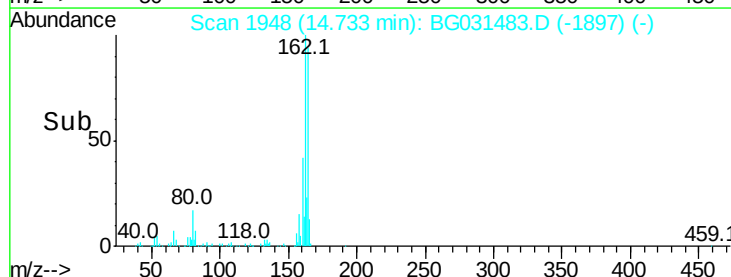
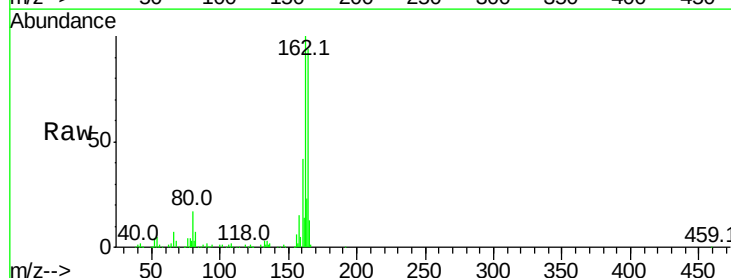
Instrument :
 BNA_G
 ClientSampleId :
 WQ-2W

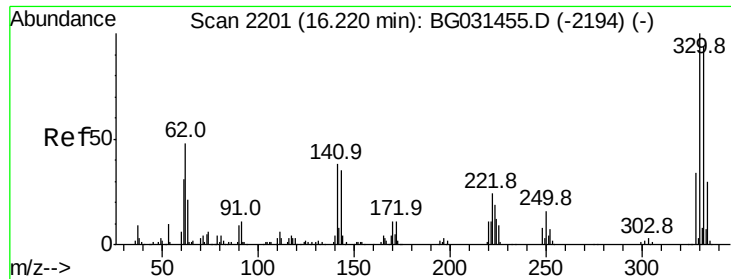
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	48.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031483.D
 Acq: 12 Dec 2017 9:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	45.0	35.4	53.0

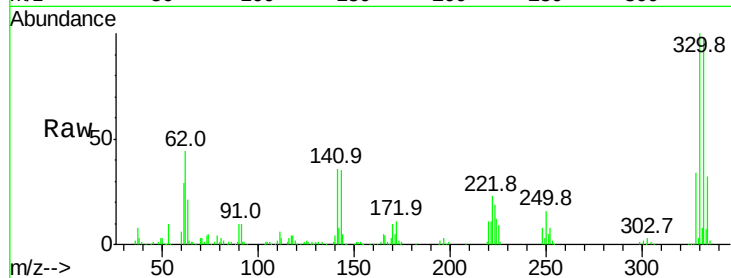




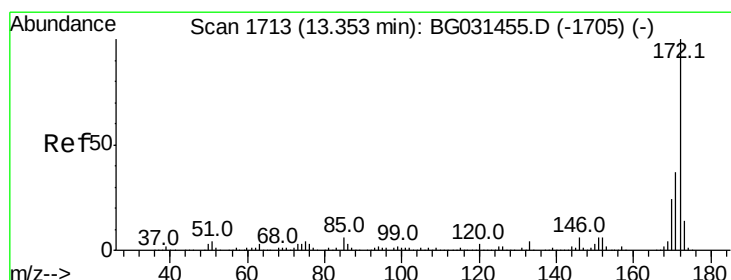
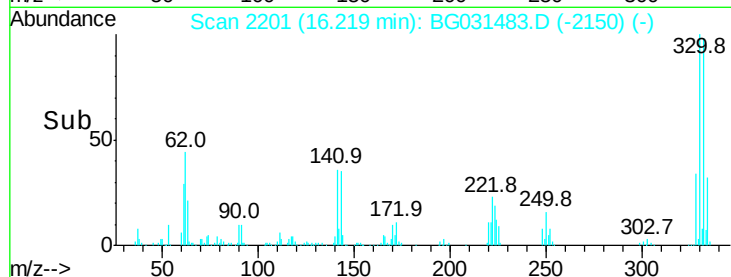
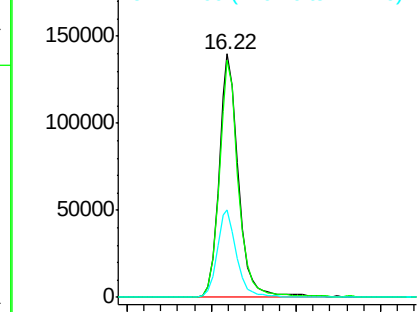
#41
 2,4,6-Tribromophenol
 Concen: 119.154 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031483.D
 Acq: 12 Dec 2017 9:28

Instrument :
 BNA_G
 ClientSampleId :
 WQ-2W

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.9	25.2	37.8

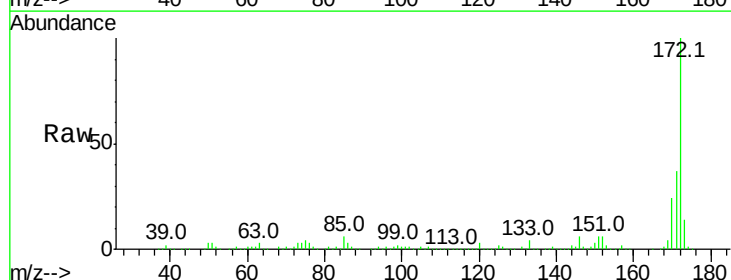


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

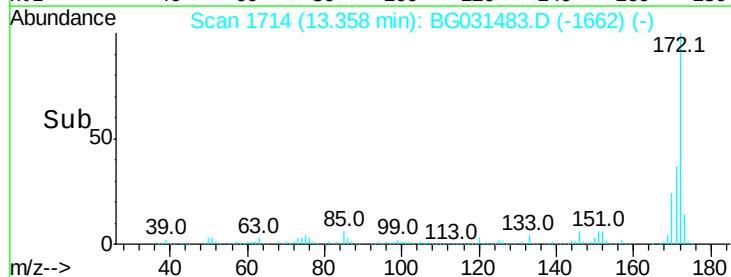
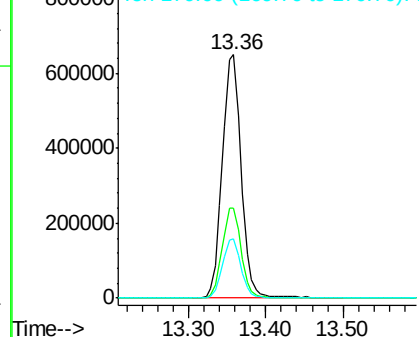


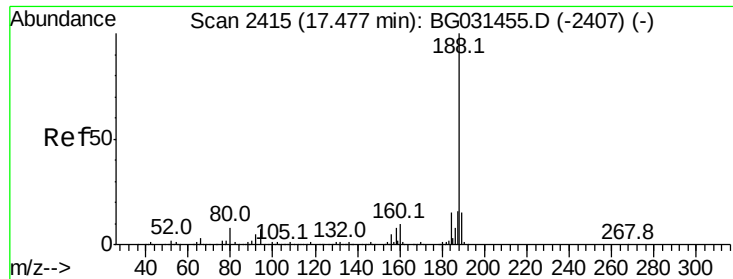
#44
 2-Fluorobiphenyl
 Concen: 100.196 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG031483.D
 Acq: 12 Dec 2017 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3



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: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

Instrument :

BNA_G

ClientSampleId :

WQ-2W

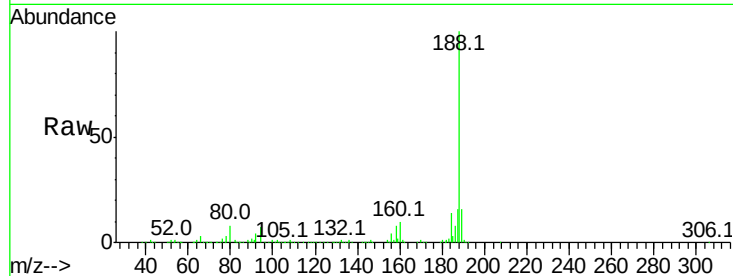
Tot Ion:188 Resp: 460354

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

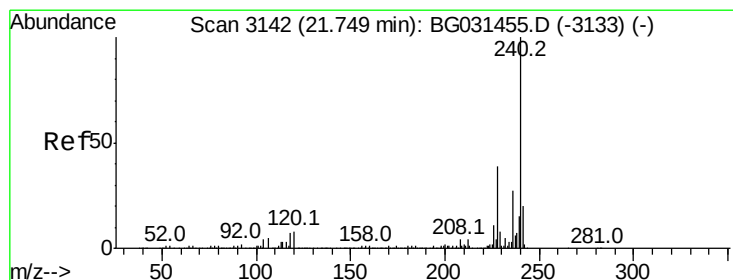
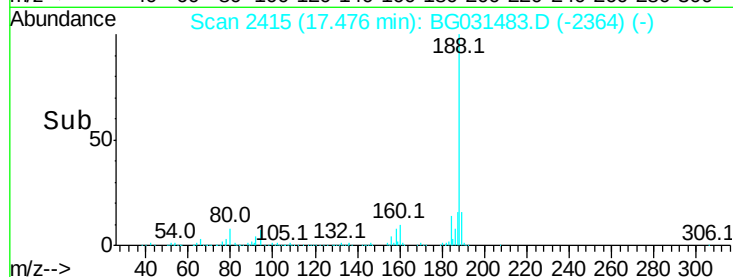
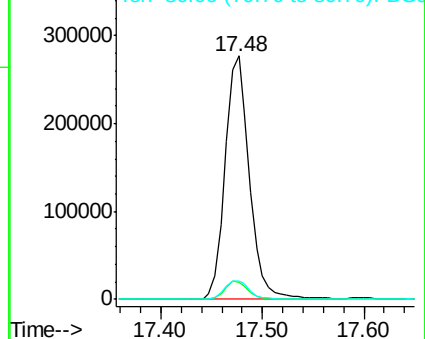
80 7.5 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

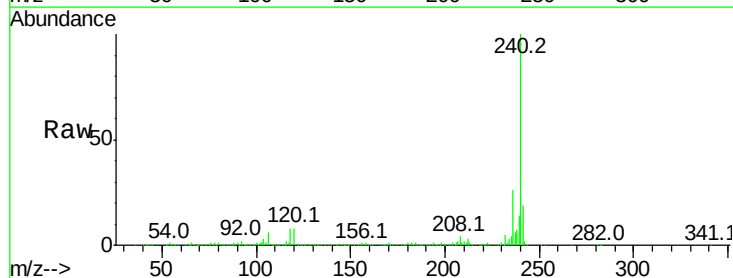
Tgt Ion:240 Resp: 547994

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

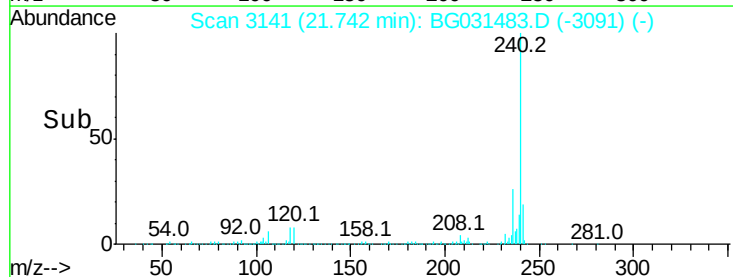
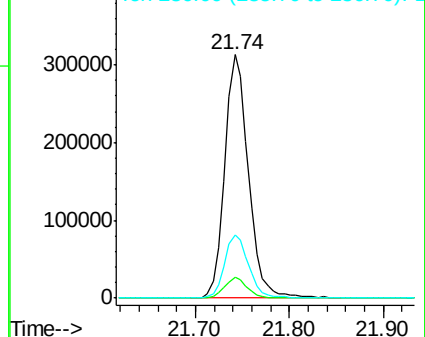
236 26.1 20.9 31.3

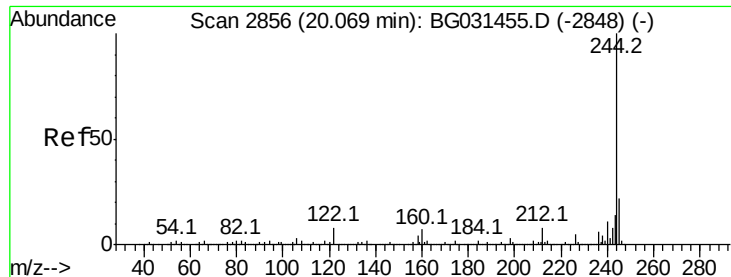


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.414 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

Instrument :

BNA_G

ClientSampleId :

WQ-2W

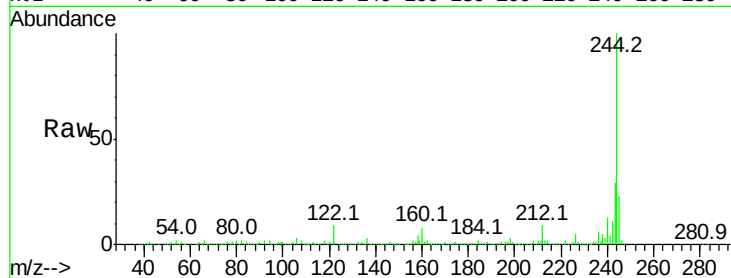
Tot Ion:244 Resp: 2129530

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

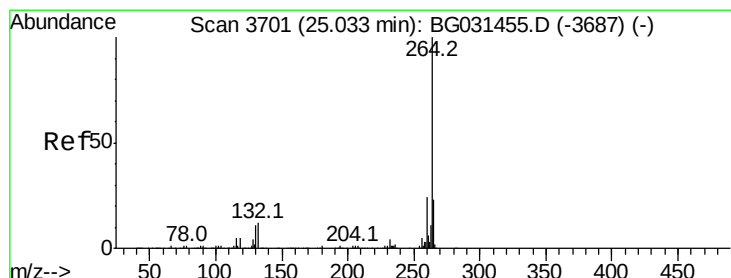
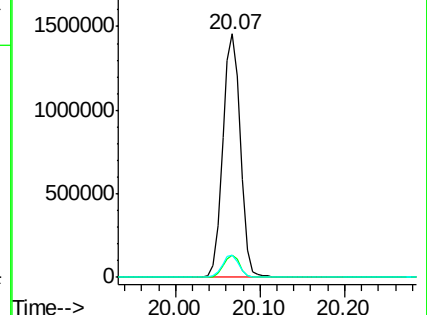
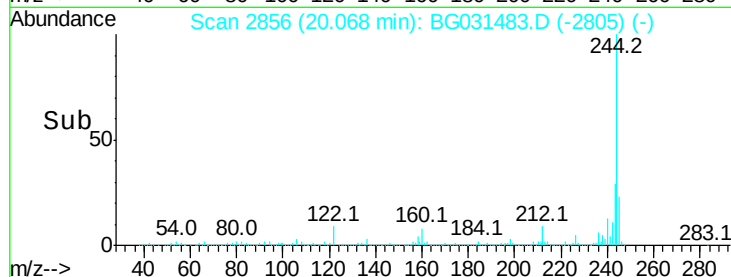
122 9.2 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031483.D

Acq: 12 Dec 2017 9:28

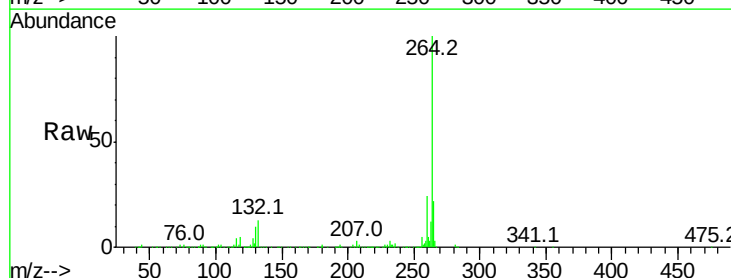
Tgt Ion:264 Resp: 522190

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.8 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

