

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031507.D
 Acq On : 13 Dec 2017 1:11
 Operator : SJ/JU
 Sample : I6766-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

Quant Time: Dec 13 07:34:29 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	143119	40.00	ng	0.00
21) Naphthalene-d8	10.92	136	623483	40.00	ng	0.00
38) Acenaphthene-d10	14.73	164	423863	40.00	ng	0.00
63) Phenanthrene-d10	17.47	188	1050566	40.00	ng	0.00
75) Chrysene-d12	21.74	240	1187007	40.00	ng	0.00
86) Perylene-d12	25.03	264	1191916	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	167247	41.43	ng	0.00
7) Phenol-d6	7.28	99	131874	23.53	ng	0.01
23) Nitrobenzene-d5	9.28	82	467746	92.48	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	257116	103.56	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1360085	94.20	ng	0.00
78) Terphenyl-d14	20.07	244	2130544	81.67	ng	0.00

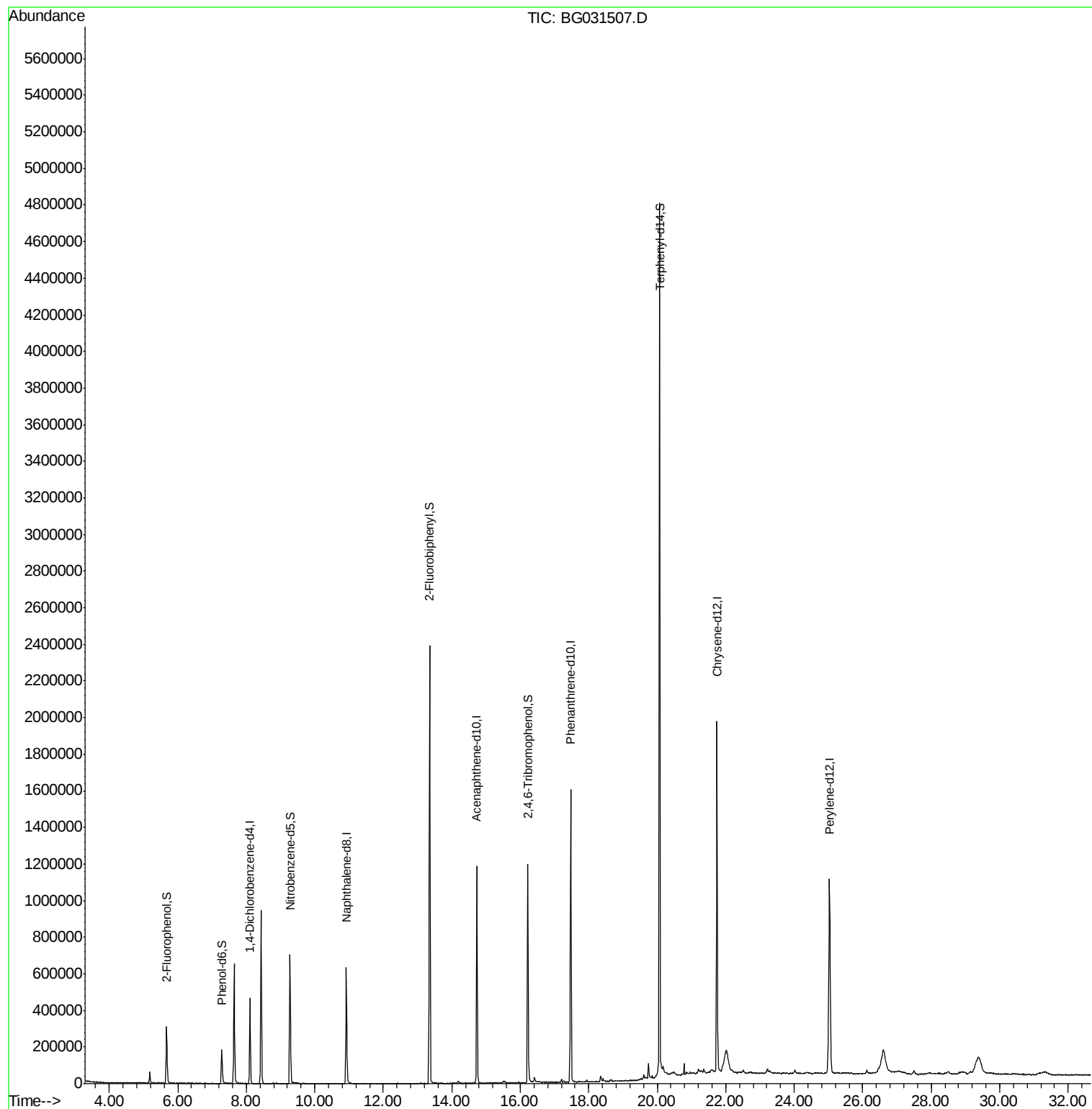
Target Compounds Qvalue

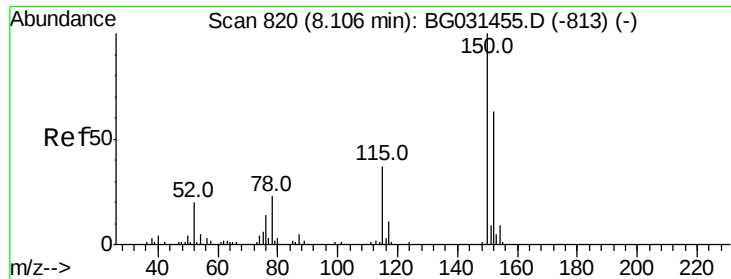
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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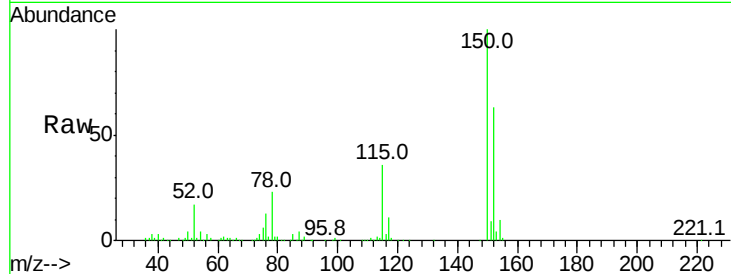


#1

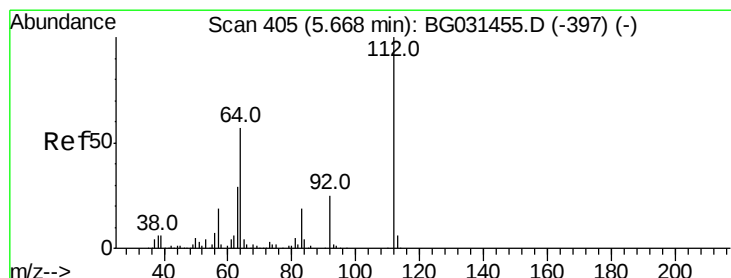
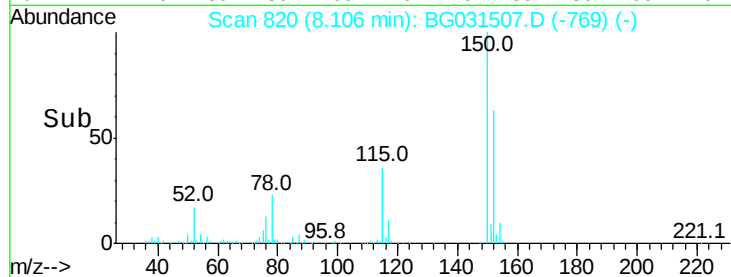
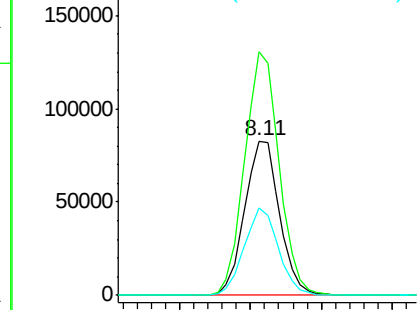
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tot Ion:152 Resp: 143119
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 56.5 53.0 79.4



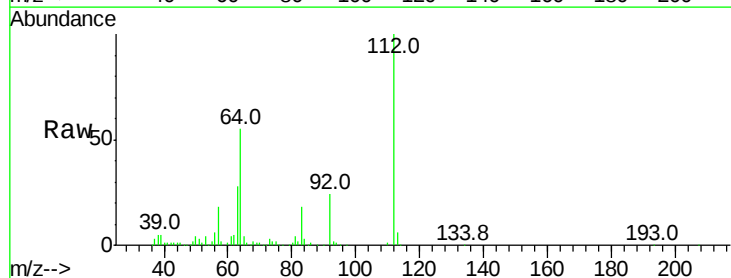
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



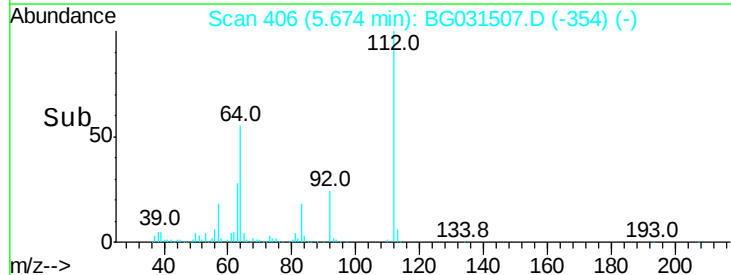
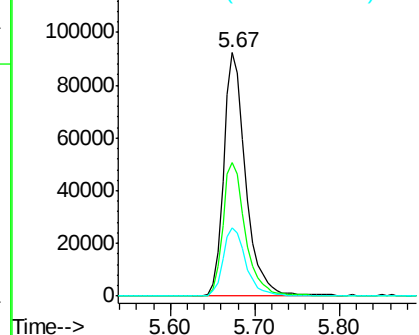
#5

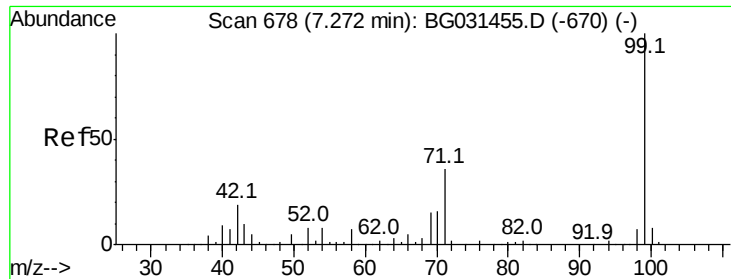
2-Fluorophenol
Concen: 41.427 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:112 Resp: 167247
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 27.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.530 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Instrument :

BNA_G

ClientSampleId :

WQ-5W

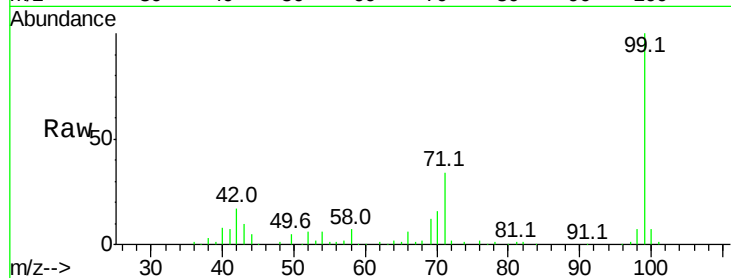
Tot Ion: 99 Resp: 131874

Ion Ratio Lower Upper

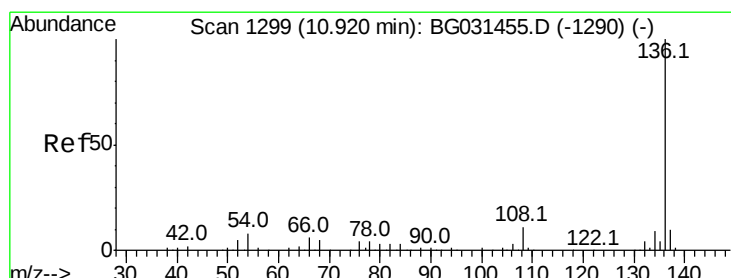
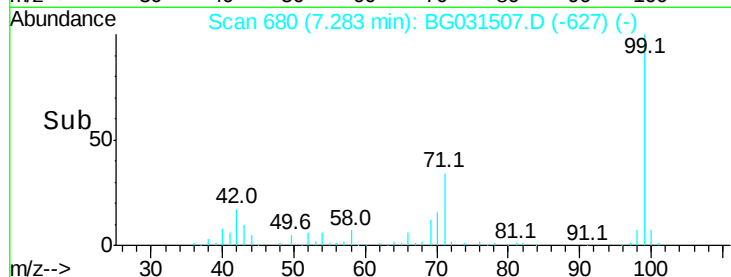
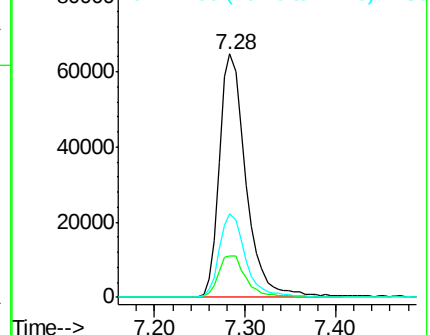
99 100

42 17.0 14.1 21.1

71 34.2 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: 40.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Tgt Ion: 136 Resp: 623483

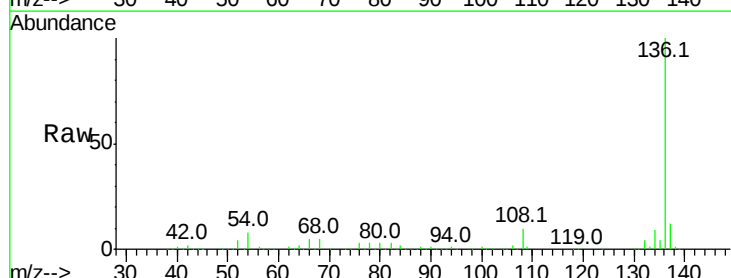
Ion Ratio Lower Upper

136 100

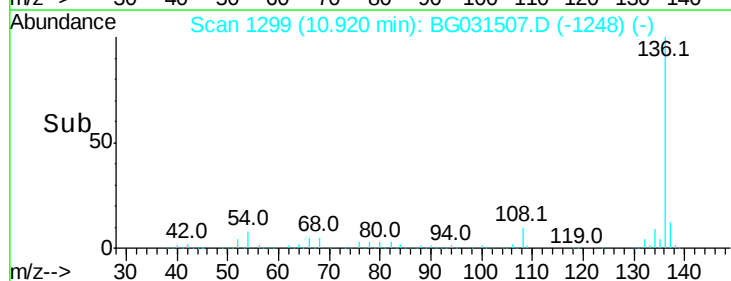
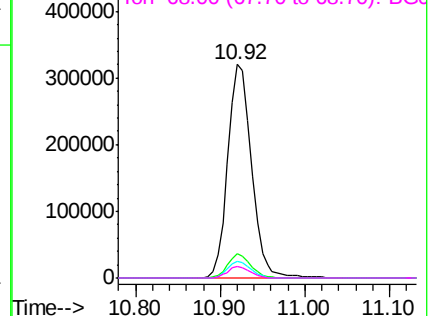
137 11.6 9.2 13.8

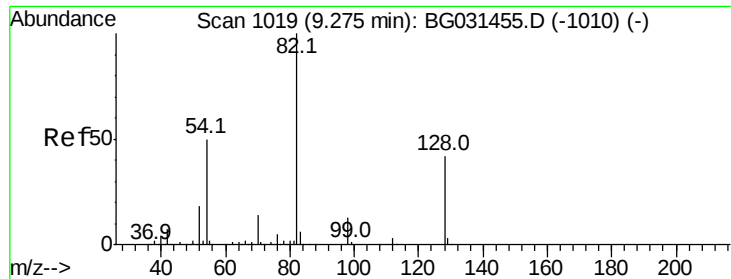
54 7.7 10.3 15.5#

68 5.3 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

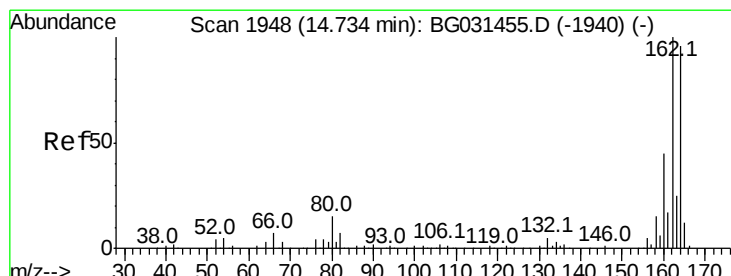
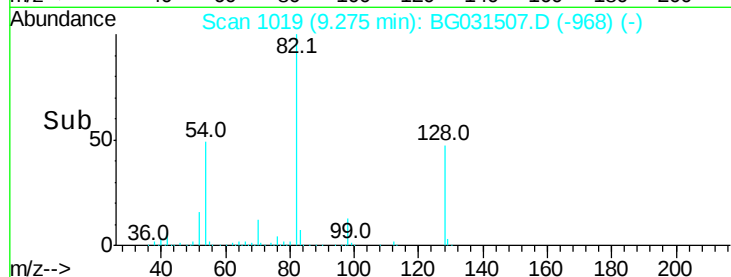
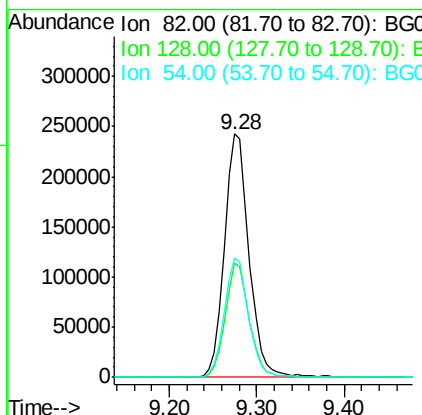
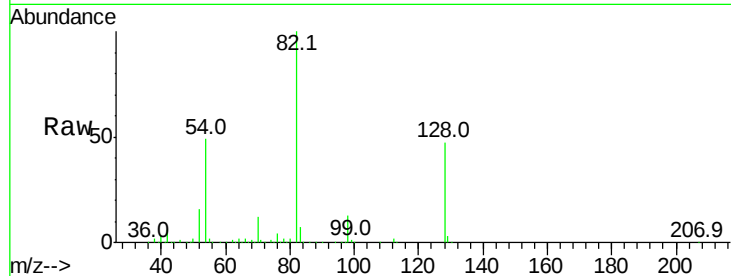




#23
 Nitrobenzene-d5
 Concen: 92.481 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

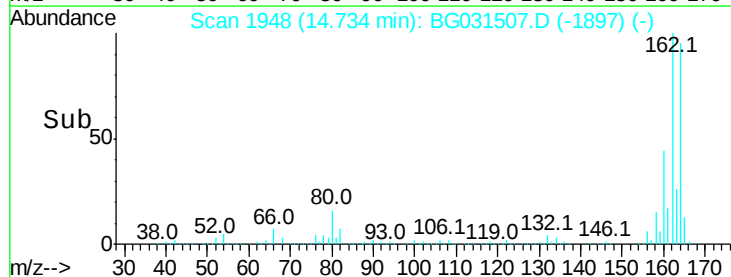
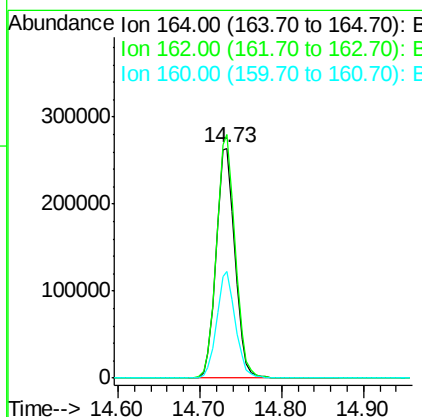
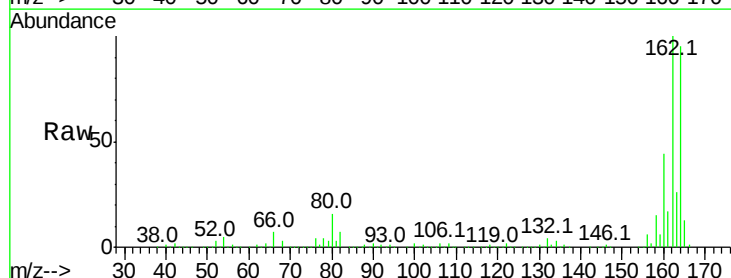
Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

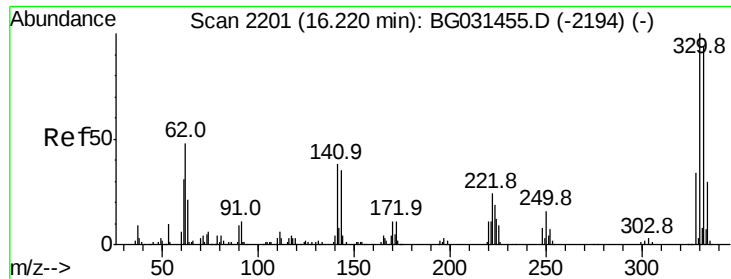
Tot Ion: 82 Resp: 467746
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 49.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Tgt Ion: 164 Resp: 423863
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.8 118.2
 160 46.4 35.4 53.0

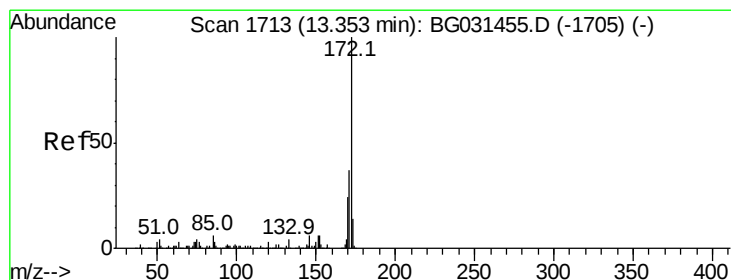
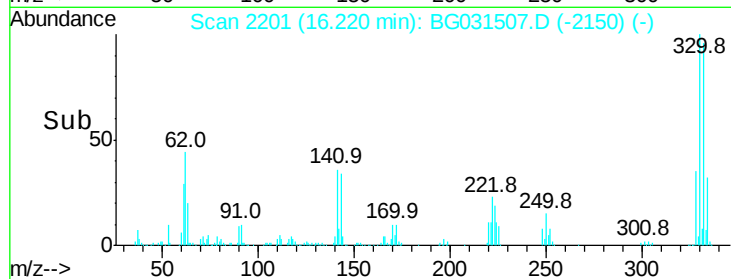
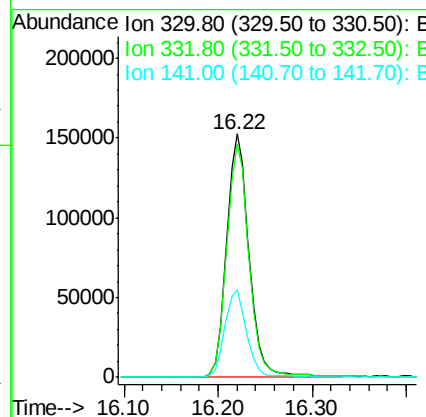
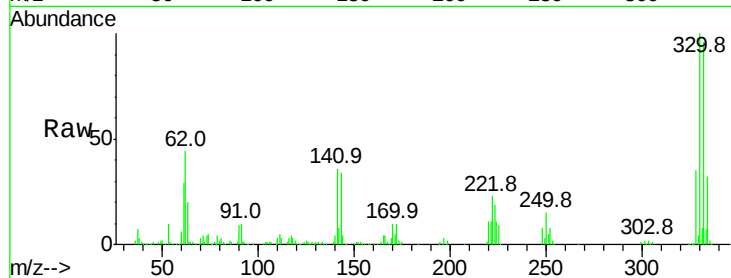




#41
 2,4,6-Tribromophenol
 Concen: 103.556 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

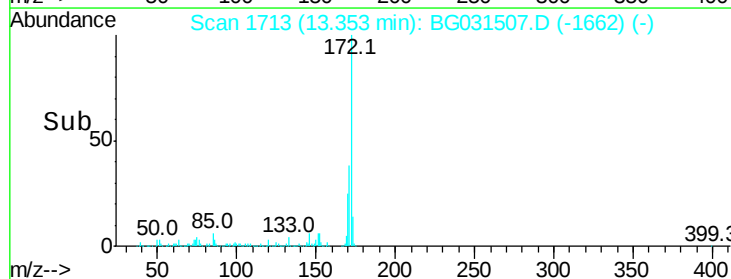
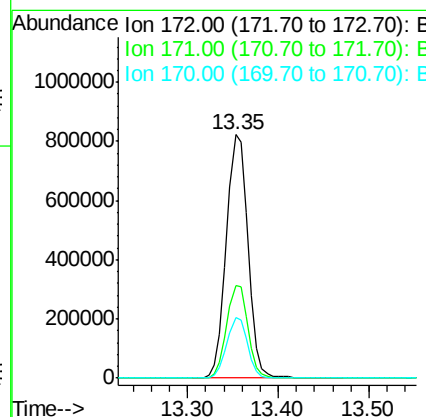
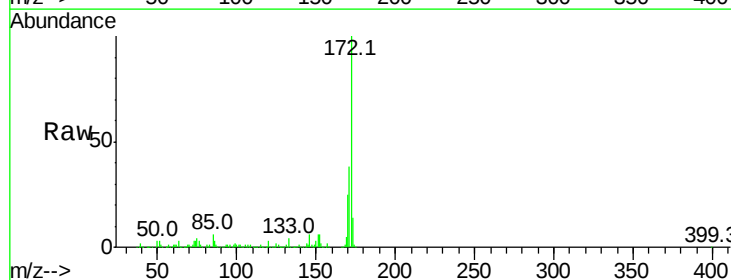
Instrument :
 BNA_G
 ClientSampleId :
 WQ-5W

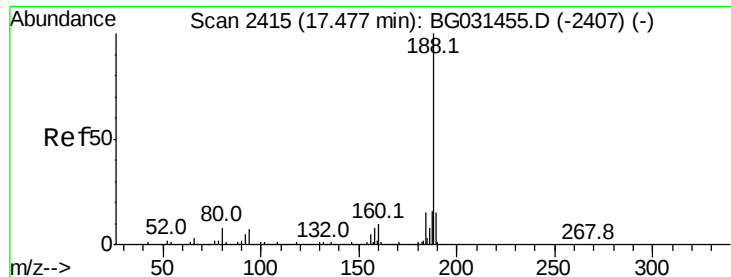
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.202 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031507.D
 Acq: 13 Dec 2017 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.6	19.5	29.3

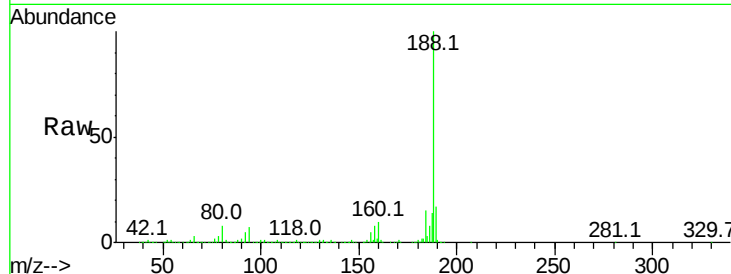




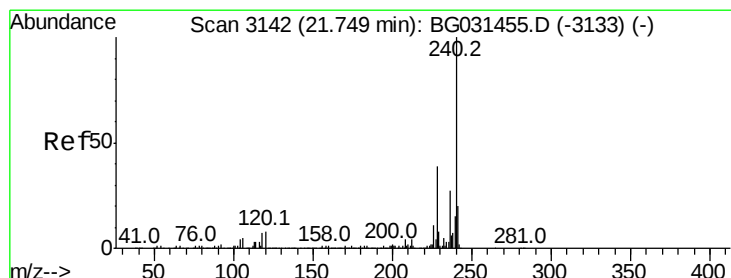
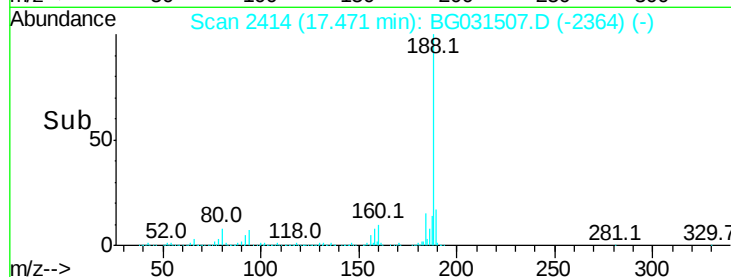
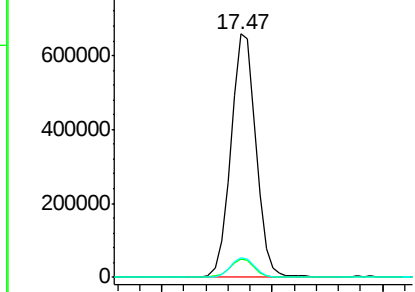
#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tot Ion:188 Resp: 1050566
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.1 7.7 11.5

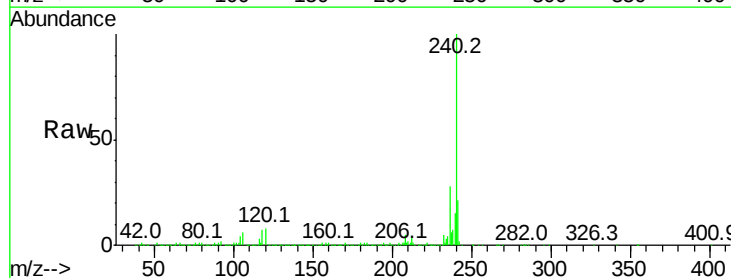


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

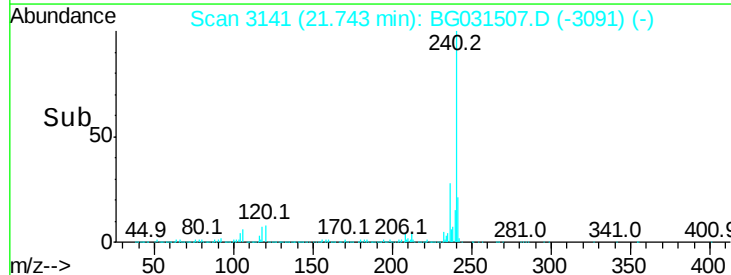
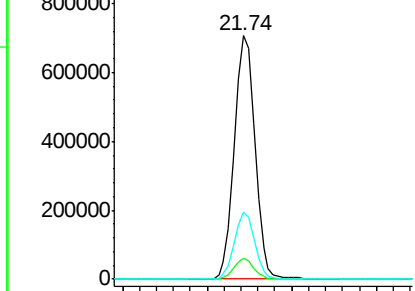


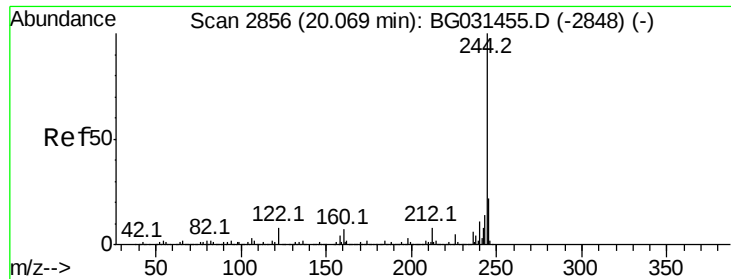
#75
Chrysene-d12
Concen: 40.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:240 Resp: 1187007
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 27.6 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: 81.673 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Instrument :

BNA_G

ClientSampleId :

WQ-5W

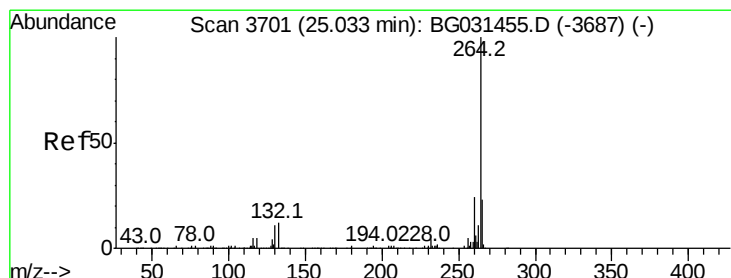
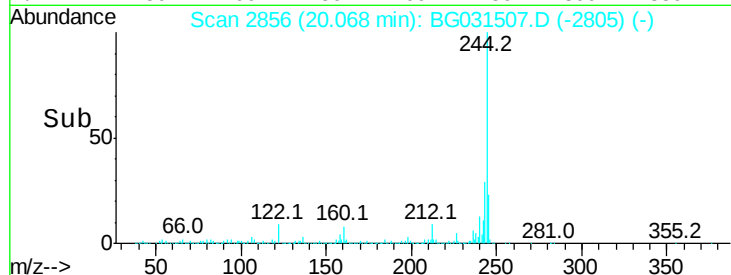
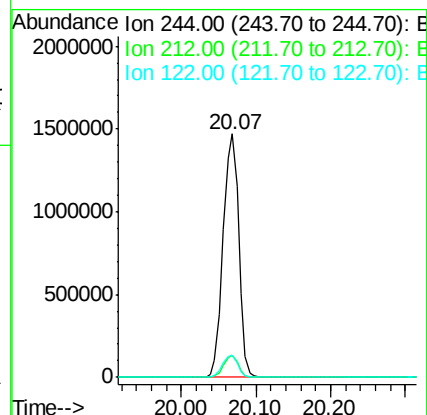
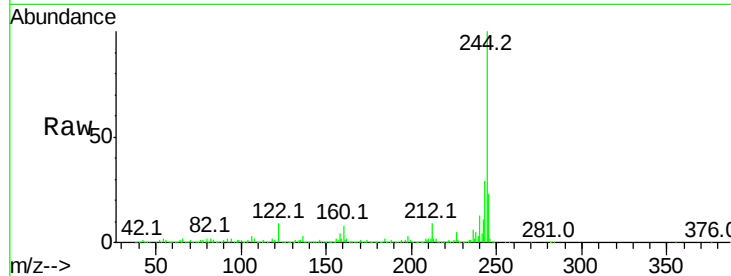
Tot Ion:244 Resp: 2130544

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 9.0 7.0 10.4



#86

Perylene-d12

Concen: 40.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031507.D

Acq: 13 Dec 2017 1:11

Tgt Ion:264 Resp: 1191916

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.3 17.7 26.5

