

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031180.D
 Acq On : 22 Nov 2017 9:06
 Operator : SJ/JU
 Sample : I6539-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111517-JETT-E-U-S

Quant Time: Nov 22 13:27:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	57109	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	246743	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	162166	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	422444	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	514696	20.00	ng	-0.02
86) Perylene-d12	25.07	264	493397	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142043	42.65	ng	0.00
7) Phenol-d6	7.30	99	114985	25.63	ng	0.00
23) Nitrobenzene-d5	9.31	82	388578	93.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	211382	80.58	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1123424	99.54	ng	-0.02
78) Terphenyl-d14	20.09	244	1934339	82.98	ng	-0.01

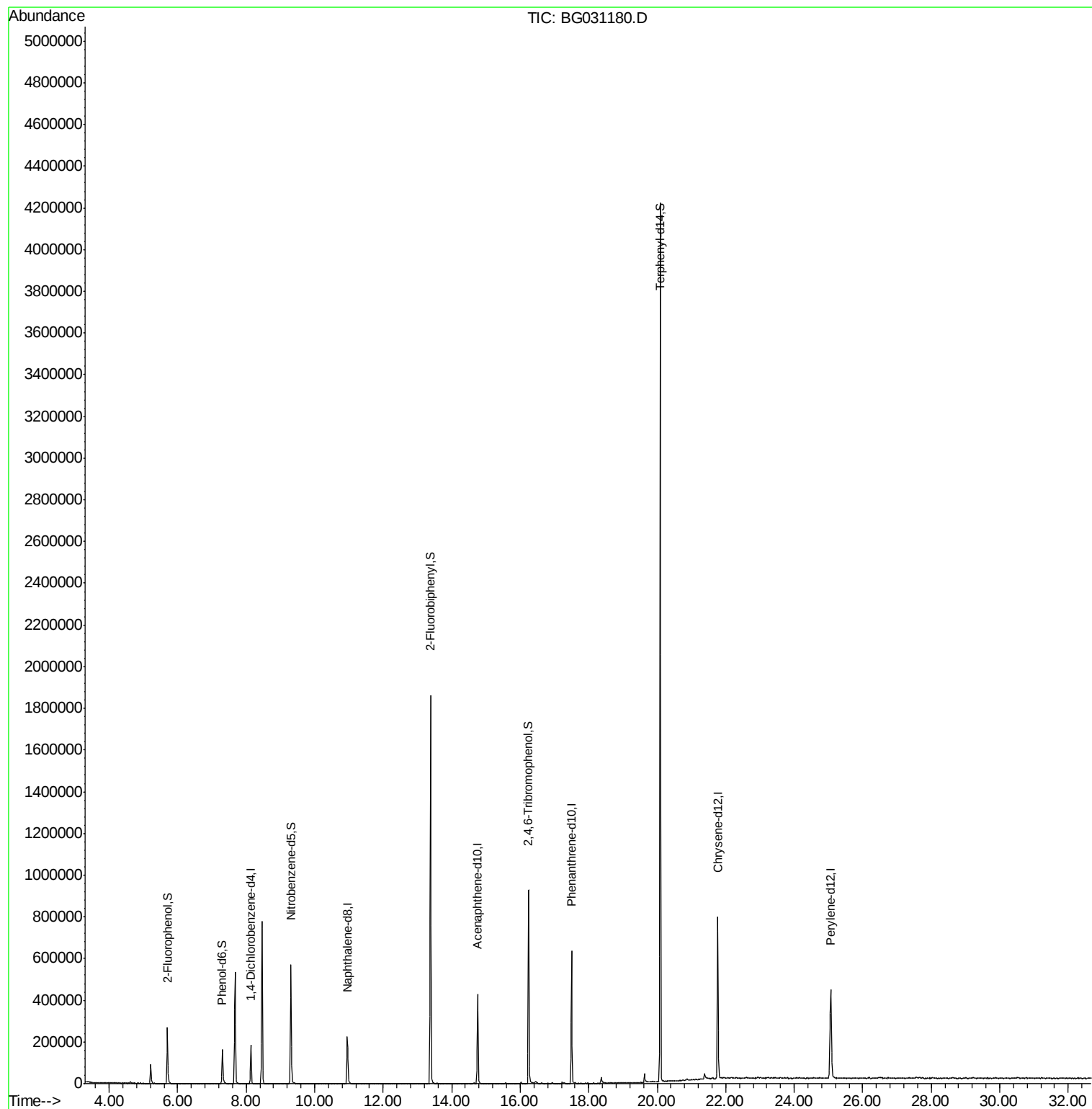
Target Compounds Qvalue

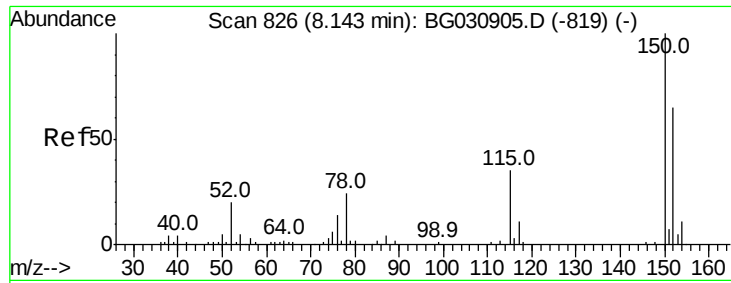
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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111517-JETT-E-U-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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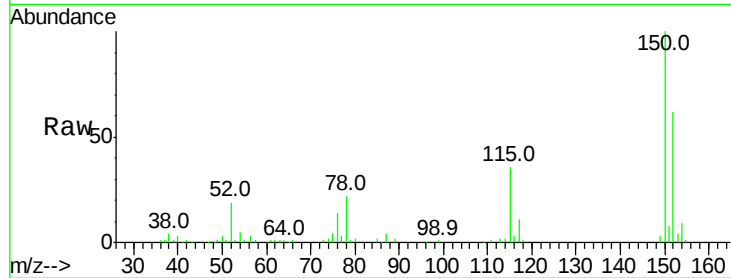


#1

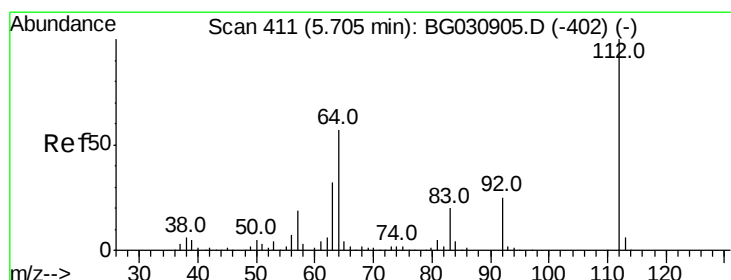
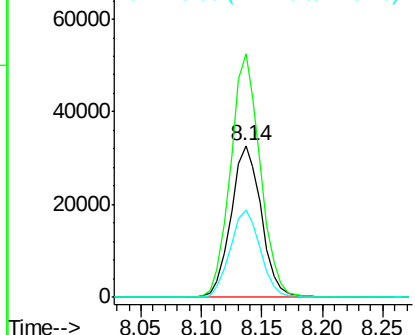
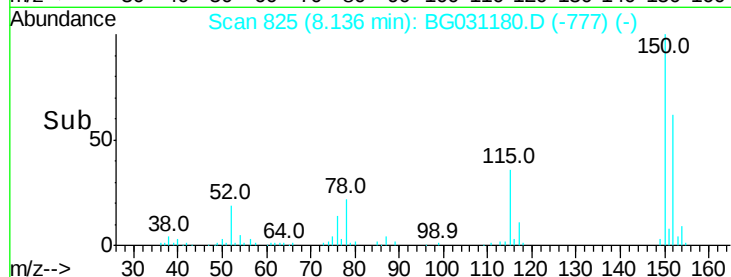
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031180.D
Acq: 22 Nov 2017 9:06

Instrument :
BNA_G
ClientSampleId :
111517-JETT-E-U-S

Tot Ion:152 Resp: 57109
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 57.8 53.0 79.4



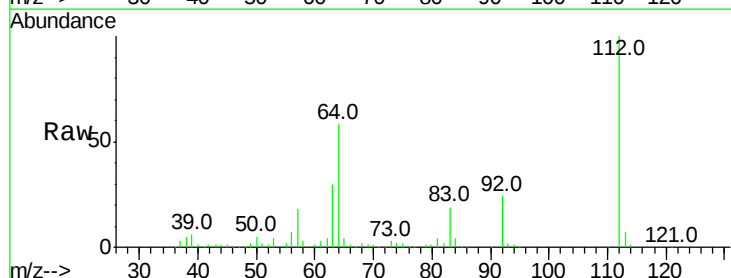
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



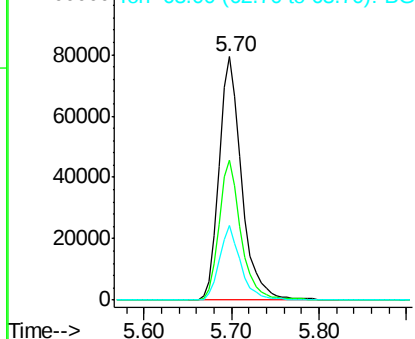
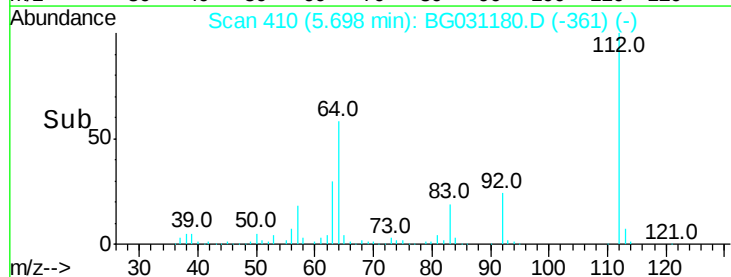
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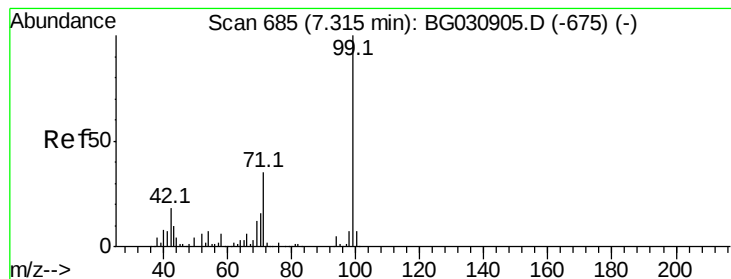
2-Fluorophenol
Concen: 42.650 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031180.D
Acq: 22 Nov 2017 9:06

Tgt Ion:112 Resp: 142043
Ion Ratio Lower Upper
112 100
64 57.6 56.3 84.5
63 30.4 30.1 45.1



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: 25.627 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031180.D

Acq: 22 Nov 2017 9:06

Instrument :

BNA_G

ClientSampleId :

111517-JETT-E-U-S

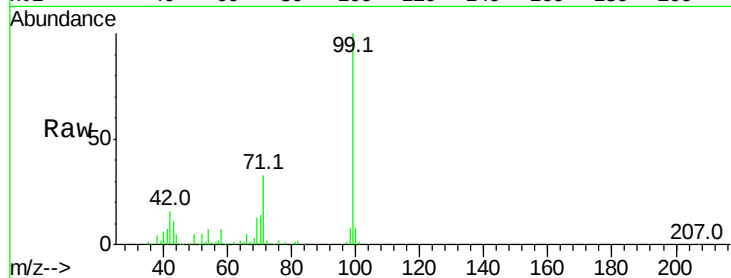
Tot Ion: 99 Resp: 114985

Ion Ratio Lower Upper

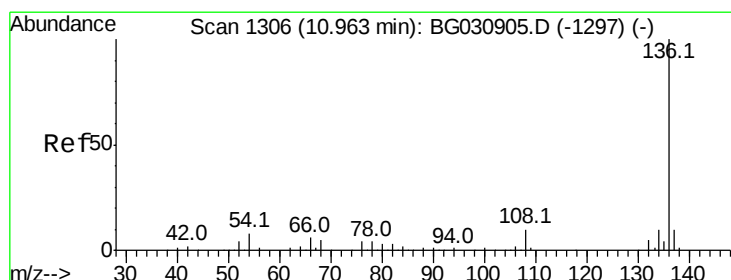
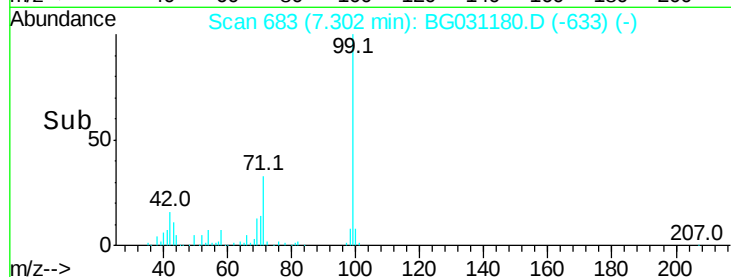
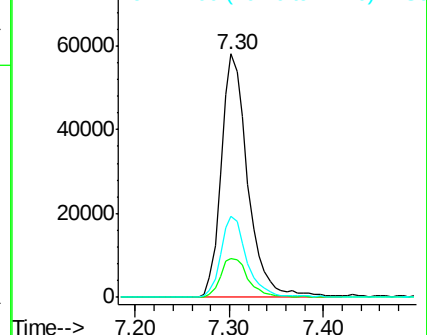
99 100

42 15.8 14.1 21.1

71 33.2 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: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031180.D

Acq: 22 Nov 2017 9:06

Tgt Ion: 136 Resp: 246743

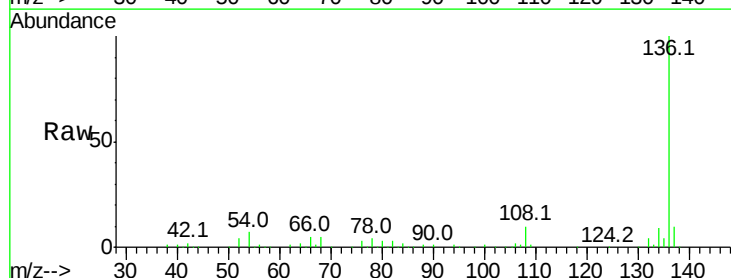
Ion Ratio Lower Upper

136 100

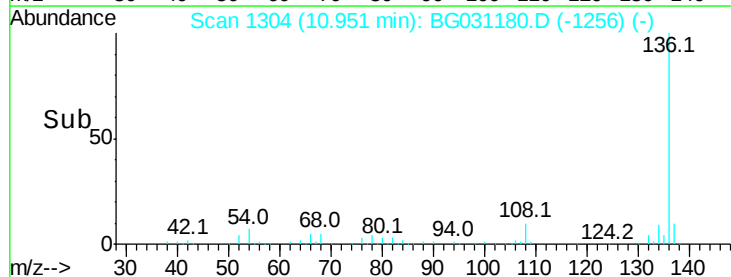
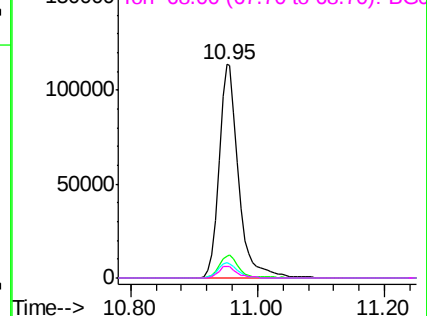
137 10.5 9.2 13.8

54 7.3 10.3 15.5#

68 5.2 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

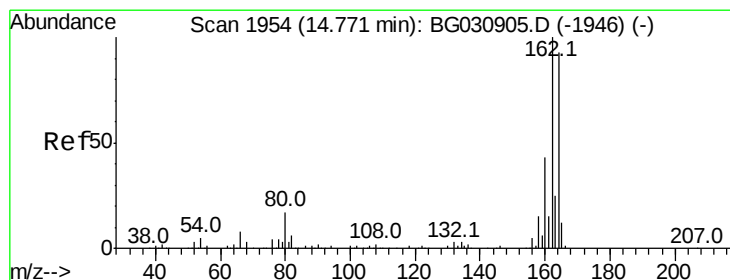
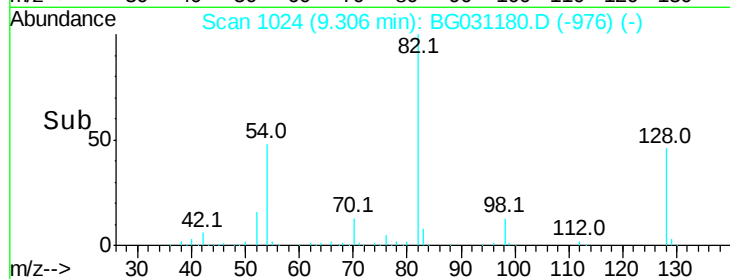
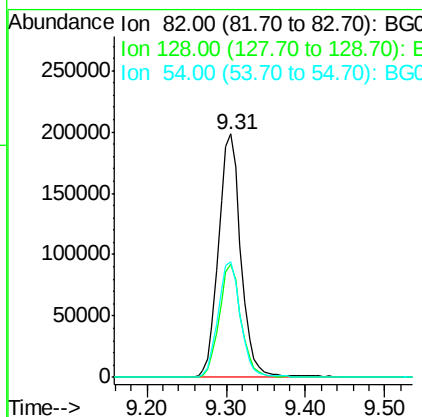
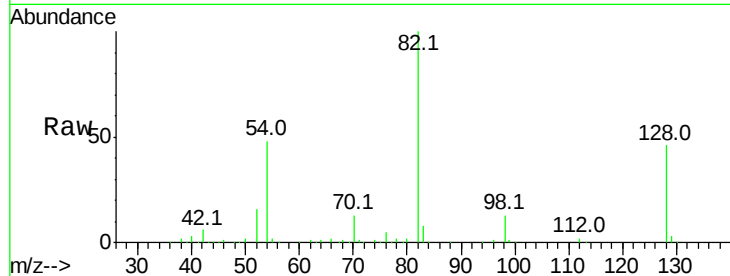




#23
 Nitrobenzene-d5
 Concen: 93.318 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031180.D
 Acq: 22 Nov 2017 9:06

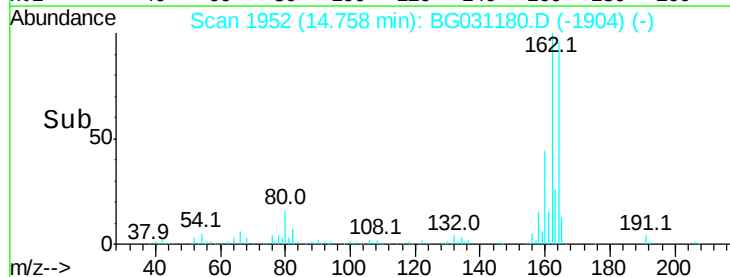
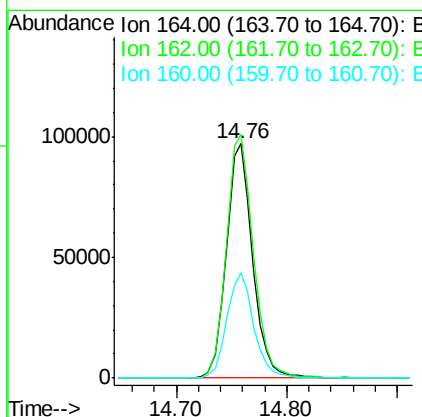
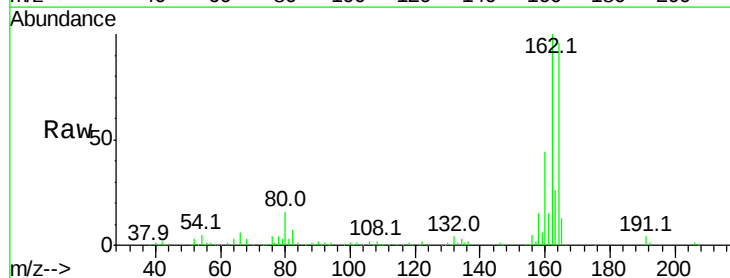
Instrument :
 BNA_G
 ClientSampleId :
 111517-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5
54	47.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031180.D
 Acq: 22 Nov 2017 9:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.2	35.4	53.0

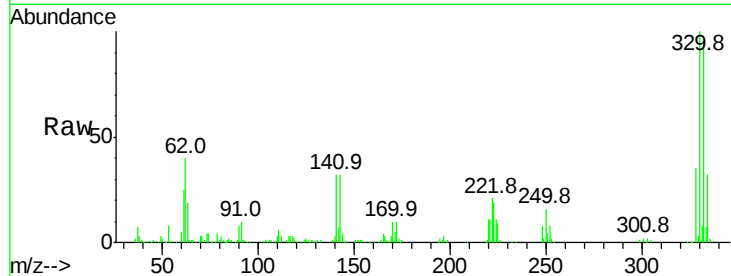




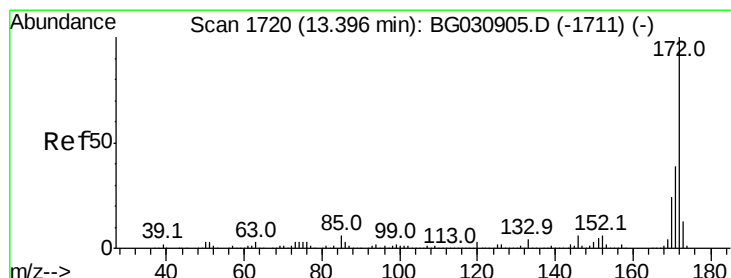
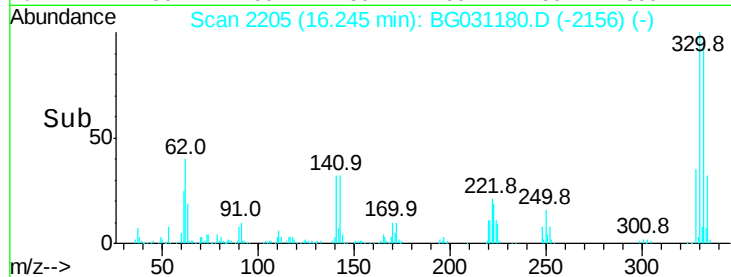
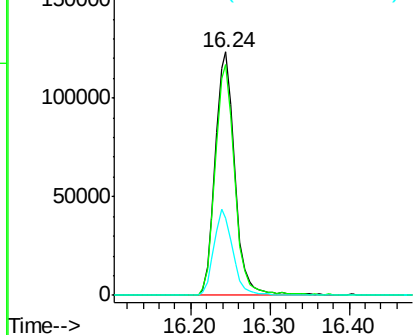
#41
 2,4,6-Tribromophenol
 Concen: 80.578 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031180.D
 Acq: 22 Nov 2017 9:06

Instrument :
 BNA_G
 ClientSampleId :
 111517-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	34.4	25.2	37.8

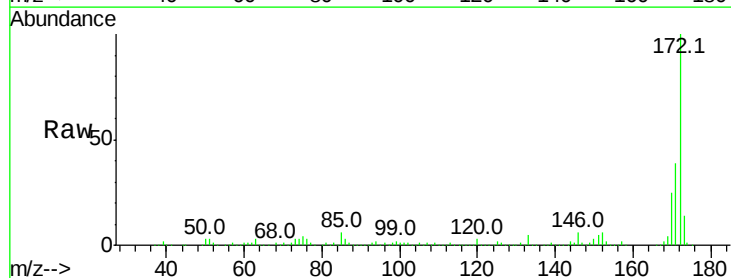


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

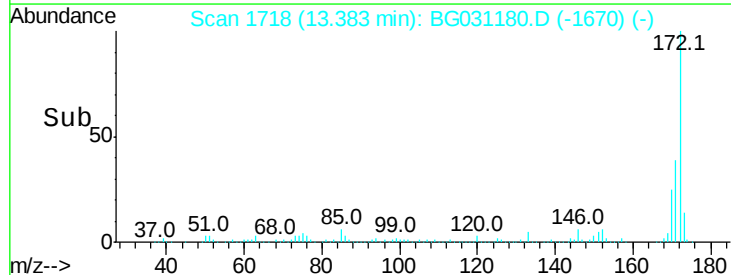
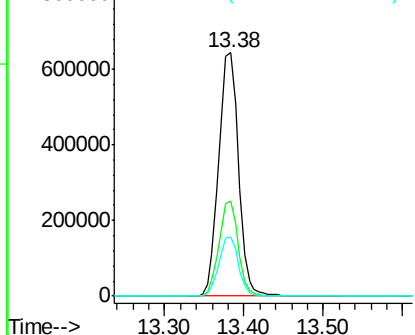


#44
 2-Fluorobiphenyl
 Concen: 99.542 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031180.D
 Acq: 22 Nov 2017 9:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	24.6	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

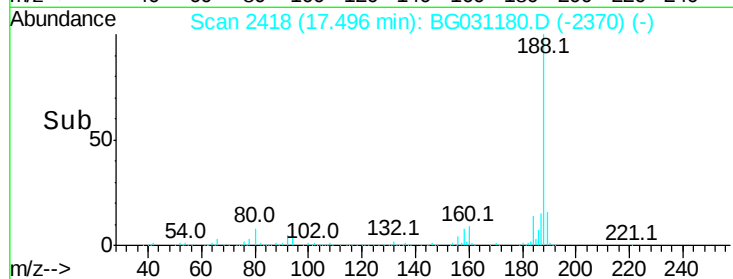
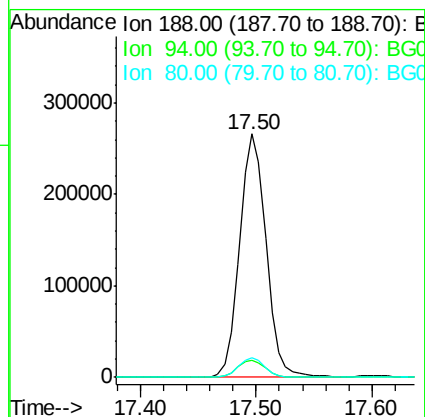
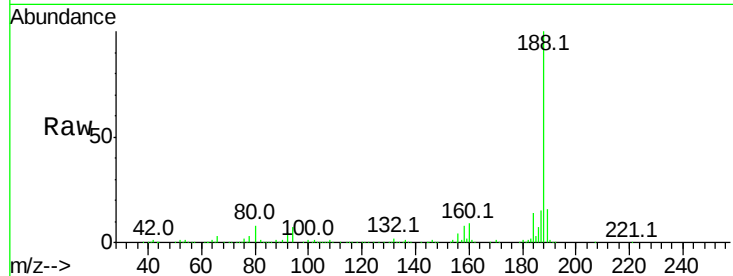




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031180.D
Acq: 22 Nov 2017 9:06

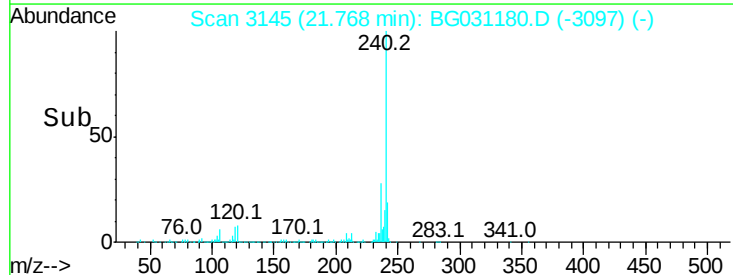
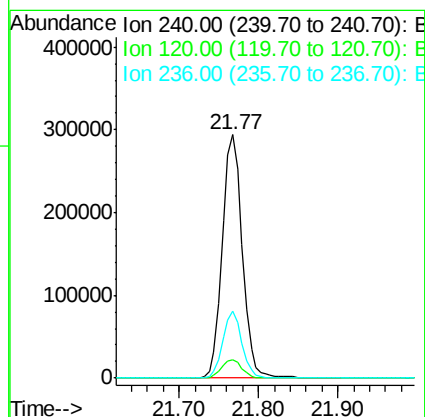
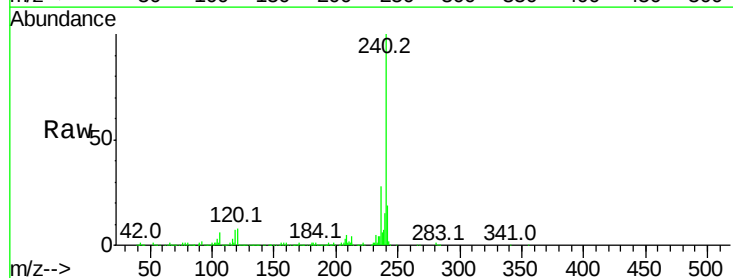
Instrument :
BNA_G
ClientSampleId :
111517-JETT-E-U-S

Tot Ion:188 Resp: 422444
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031180.D
Acq: 22 Nov 2017 9:06

Tgt Ion:240 Resp: 514696
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 27.7 20.9 31.3





#78

Terphenyl-d14

Concen: 82.985 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031180.D

Acq: 22 Nov 2017 9:06

Instrument :

BNA_G

ClientSampleId :

111517-JETT-E-U-S

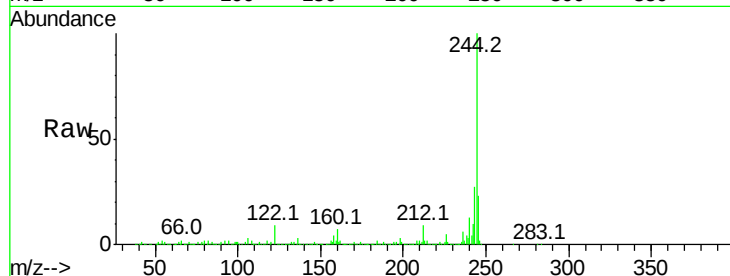
Tot Ion:244 Resp: 1934339

Ion Ratio Lower Upper

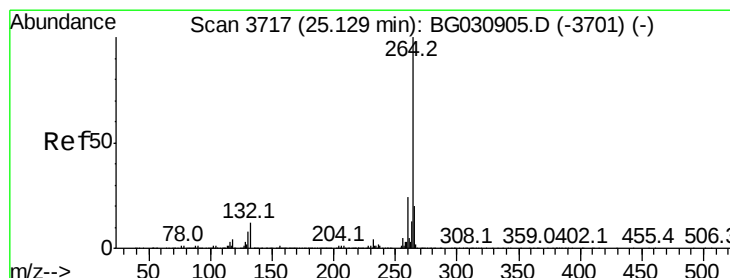
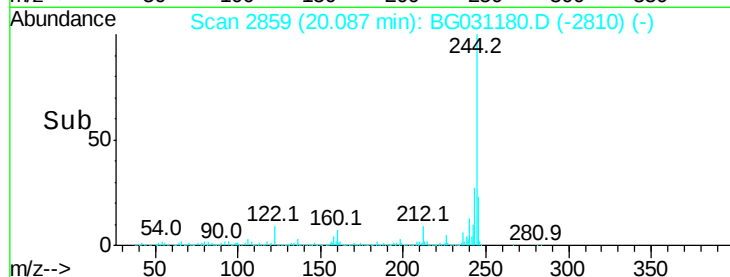
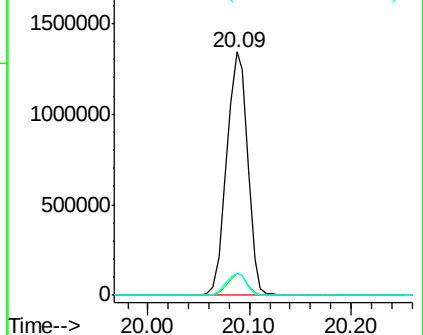
244 100

212 8.9 5.8 8.8#

122 9.3 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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031180.D

Acq: 22 Nov 2017 9:06

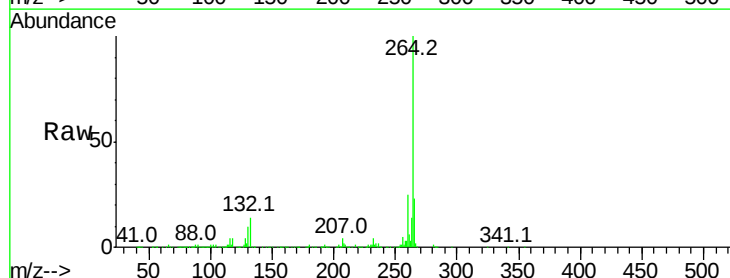
Tgt Ion:264 Resp: 493397

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 23.0 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

