

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031586.D
 Acq On : 15 Dec 2017 8:59
 Operator : SJ/JU
 Sample : I6679-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121317-B

Quant Time: Dec 15 10:02:47 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

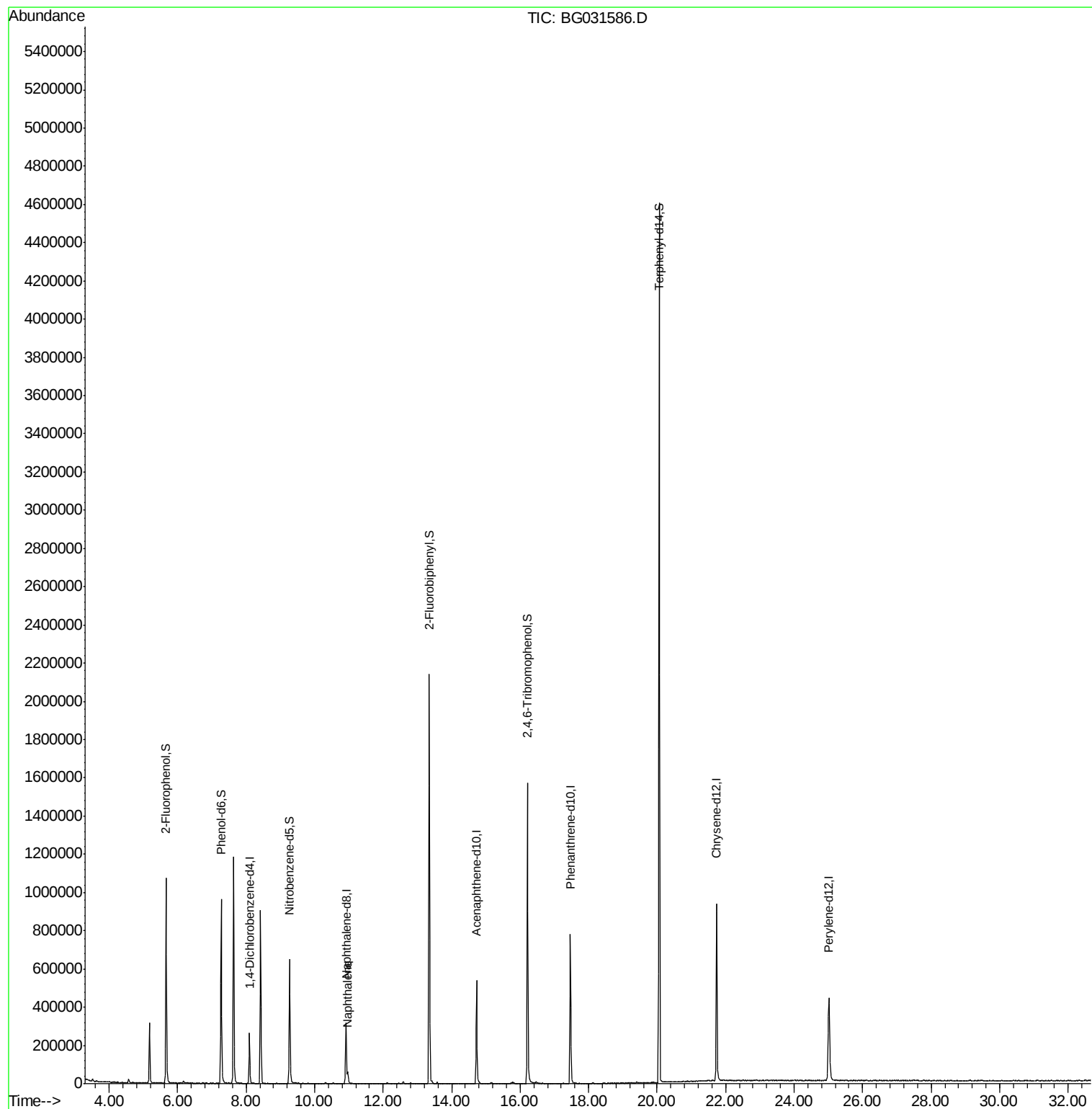
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	80157	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	337413	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	212874	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	550050	20.00	ng	0.00
75) Chrysene-d12	21.73	240	642231	20.00	ng	-0.02
86) Perylene-d12	25.02	264	548022	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	541254	119.69	ng	0.00
7) Phenol-d6	7.27	99	624169	99.42	ng	0.00
23) Nitrobenzene-d5	9.27	82	445935	81.46	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	347713	139.42	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1243650	85.76	ng	0.00
78) Terphenyl-d14	20.06	244	2229778	78.99	ng	0.00
Target Compounds						
31) Naphthalene	10.96	128	49986	3.016	ng	Qvalue 99

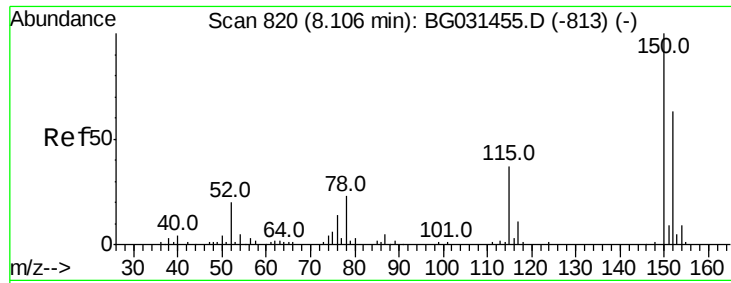
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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Response via : Initial Calibration



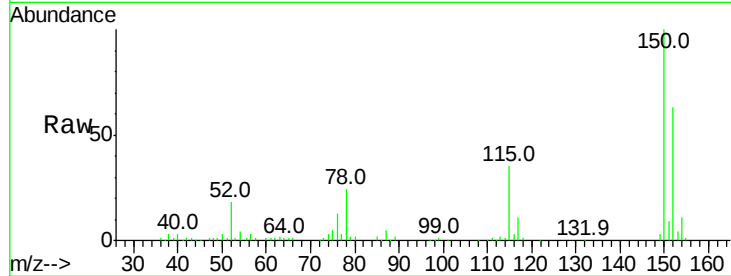


#1

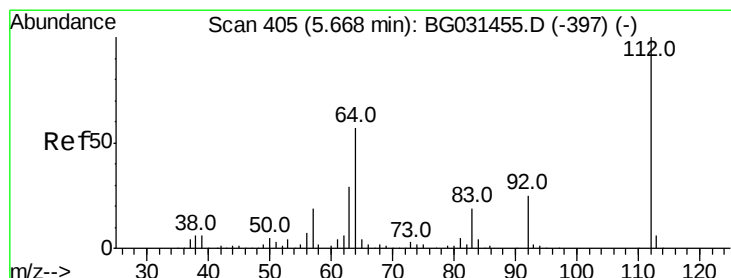
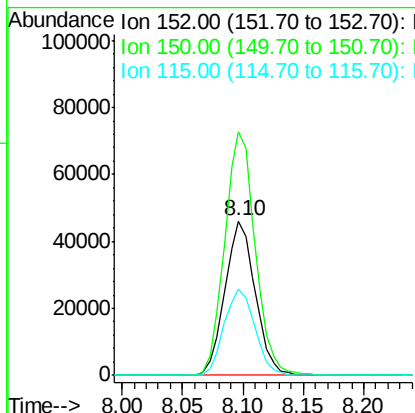
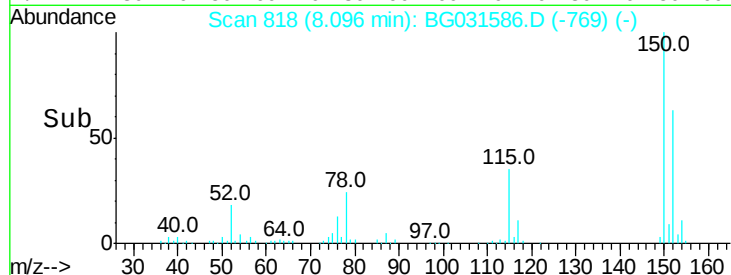
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121317-B

Tot Ion:152 Resp: 80157
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.6 189.8
 115 56.0 53.0 79.4



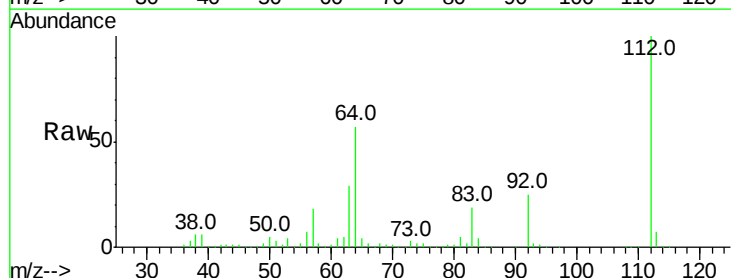
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



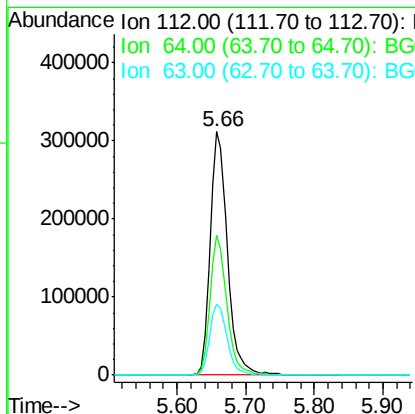
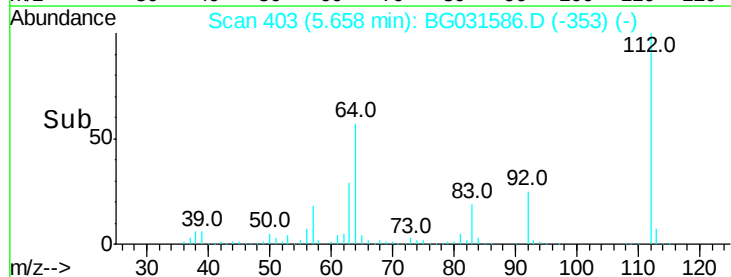
#5

2-Fluorophenol
 Concen: 119.688 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Tgt Ion:112 Resp: 541254
 Ion Ratio Lower Upper
 112 100
 64 57.3 56.3 84.5
 63 29.3 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: 99.423 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031586.D

Acq: 15 Dec 2017 8:59

Instrument :

BNA_G

ClientSampleId :

HR-05-121317-B

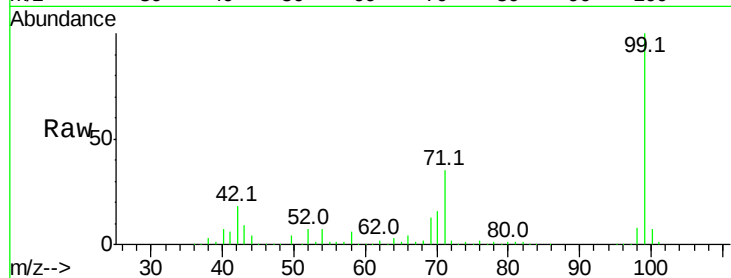
Tot Ion: 99 Resp: 624169

Ion Ratio Lower Upper

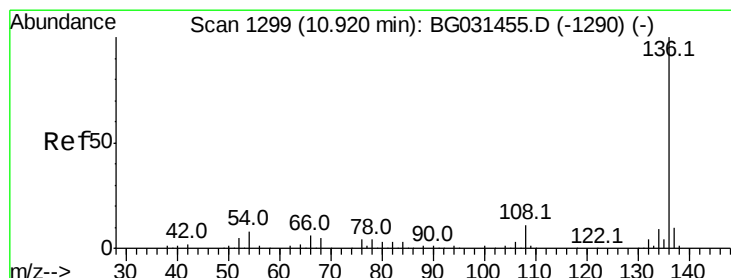
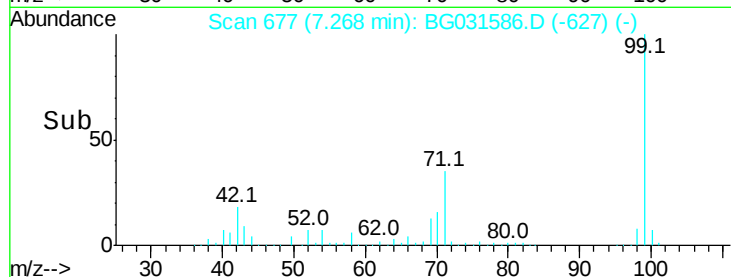
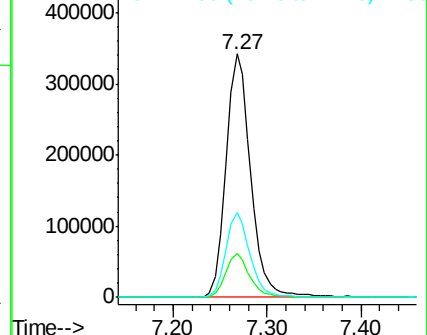
99 100

42 17.8 14.1 21.1

71 34.8 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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031586.D

Acq: 15 Dec 2017 8:59

Tgt Ion: 136 Resp: 337413

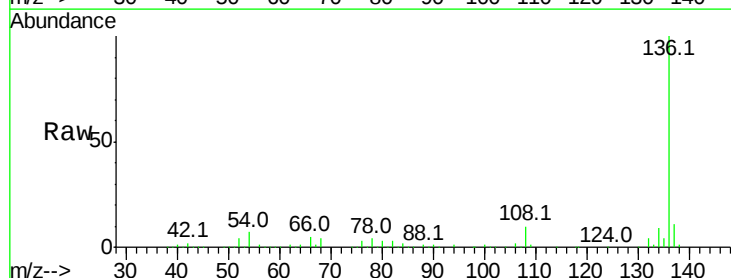
Ion Ratio Lower Upper

136 100

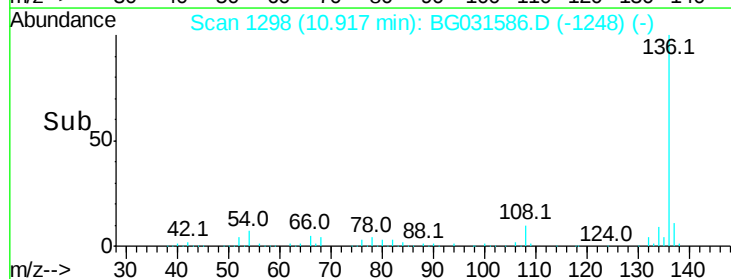
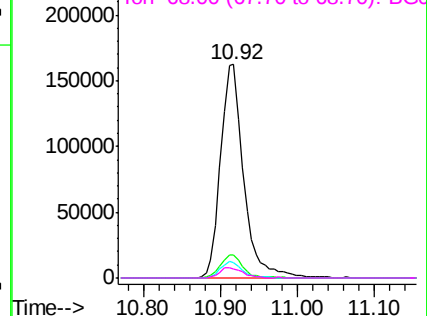
137 11.0 9.2 13.8

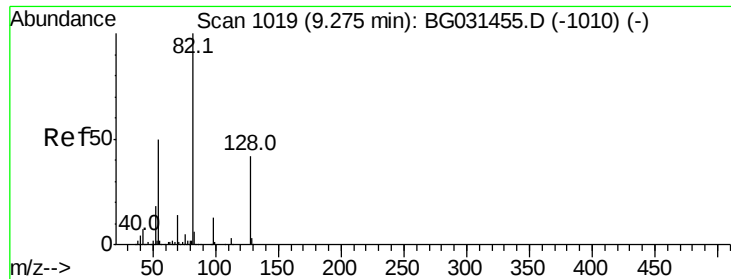
54 7.1 10.3 15.5#

68 4.5 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

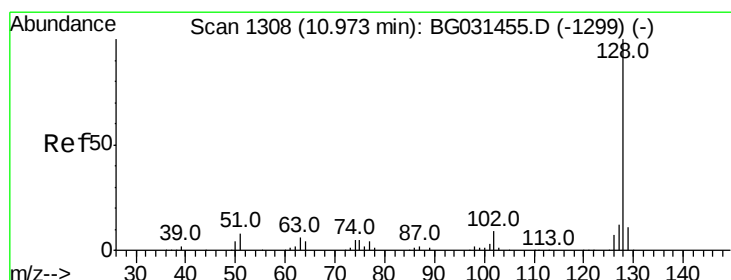
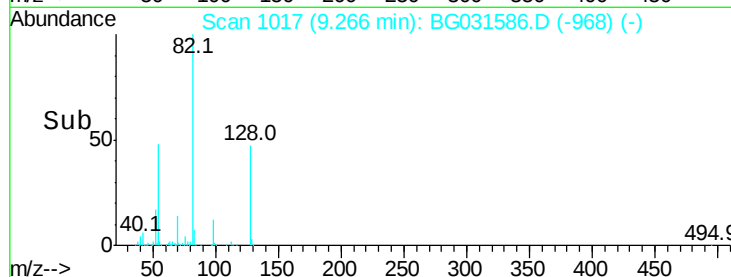
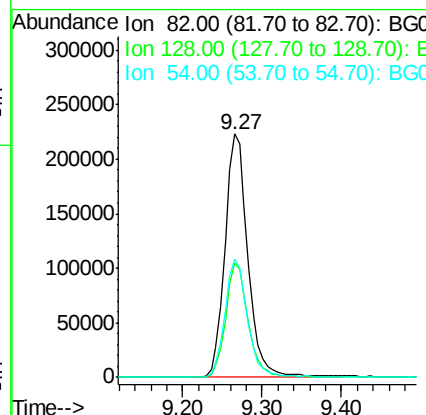
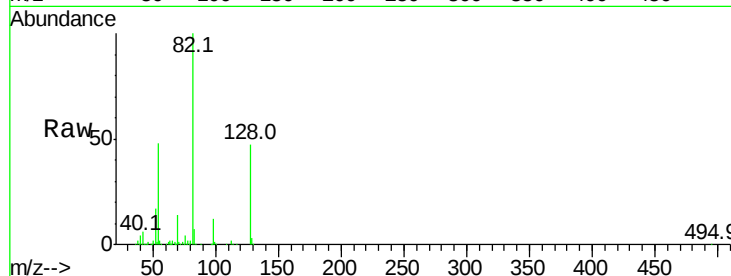




#23
 Nitrobenzene-d5
 Concen: 81.461 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

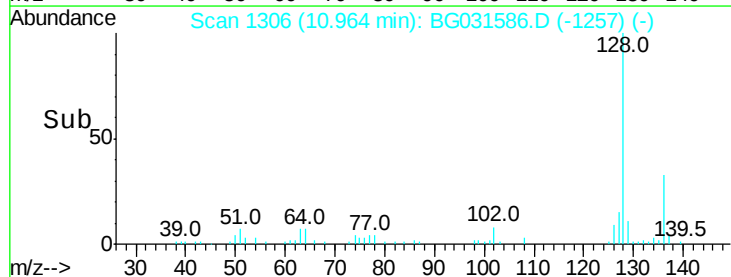
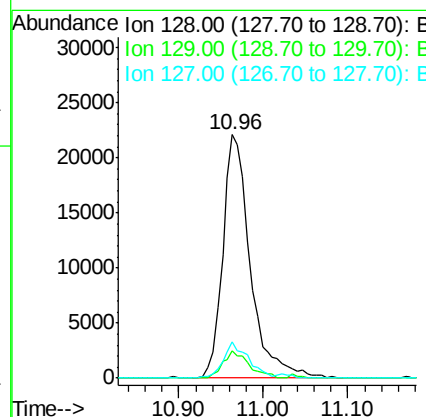
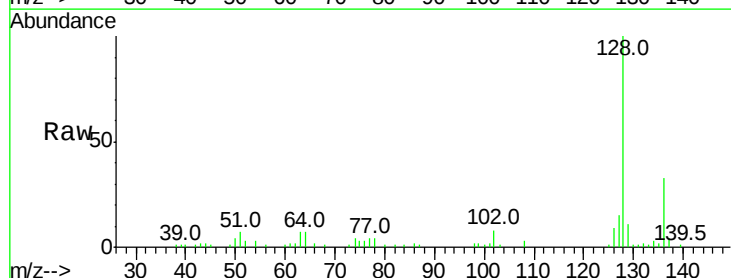
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121317-B

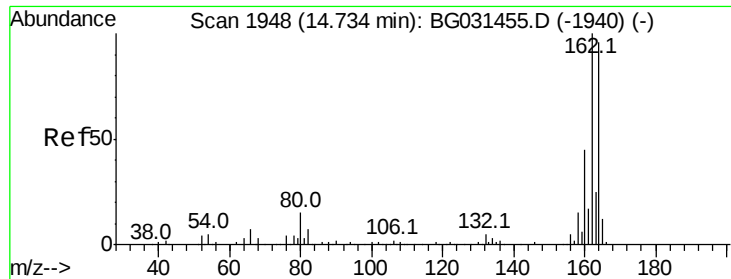
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.3	43.1	64.7



#31
 Naphthalene
 Concen: 3.016 ng
 RT: 10.96 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.8	11.6	17.4

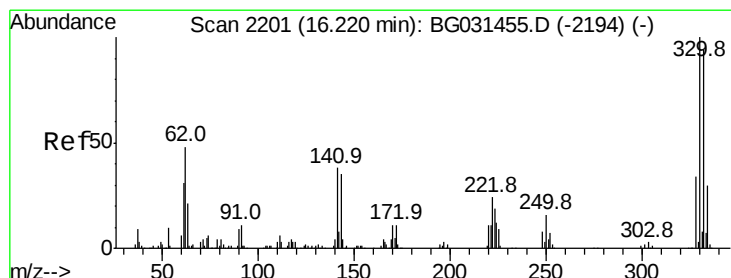
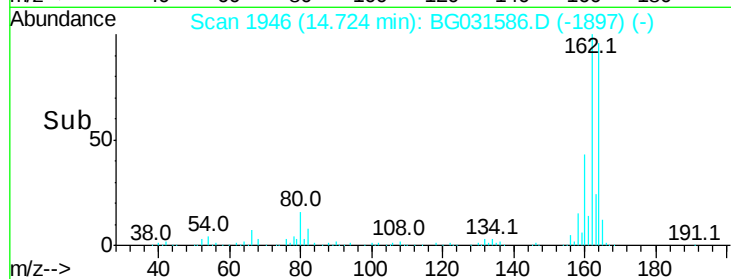
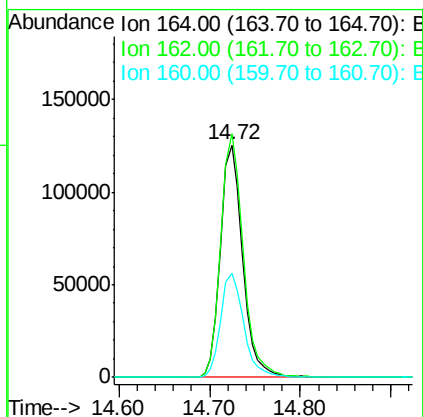
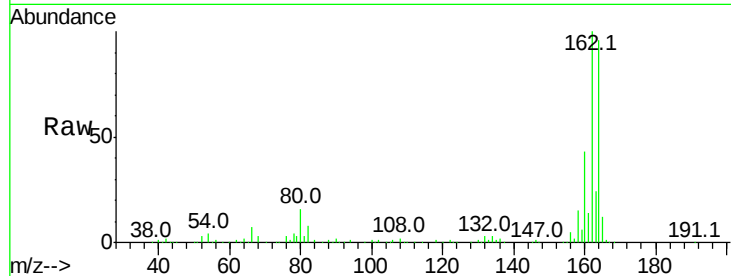




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

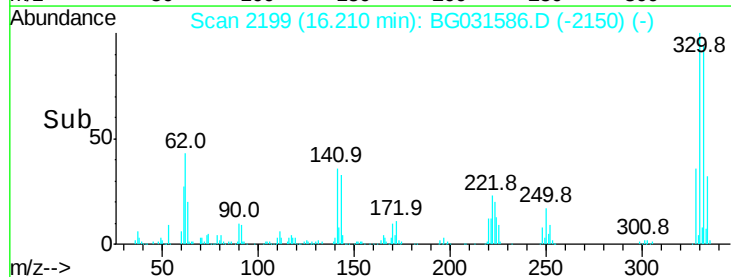
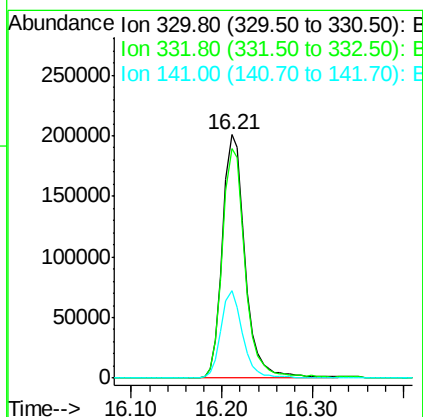
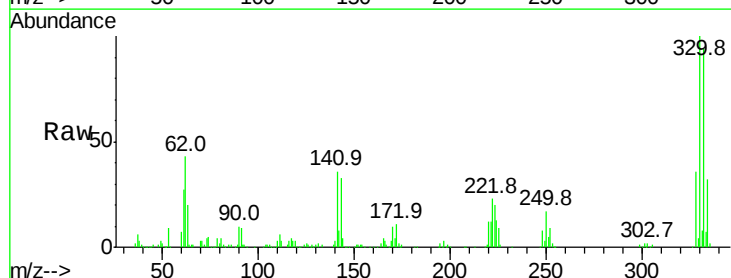
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121317-B

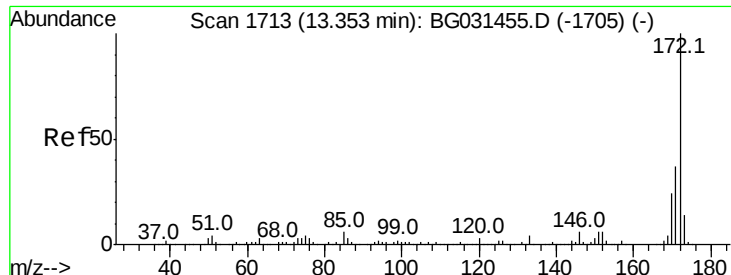
Tot Ion:164 Resp: 212874
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 139.425 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Tgt Ion:330 Resp: 347713
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 34.7 25.2 37.8



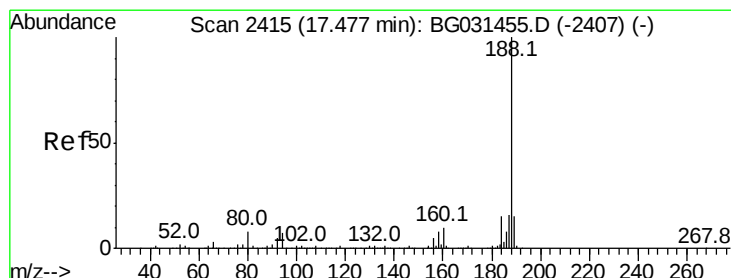
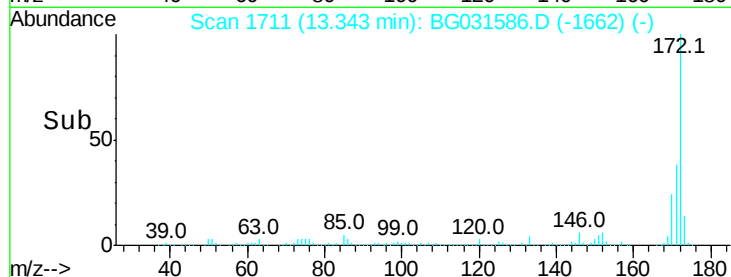
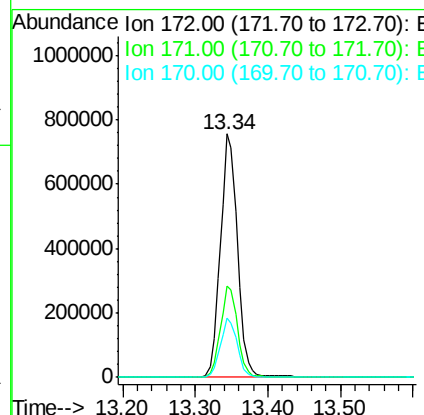
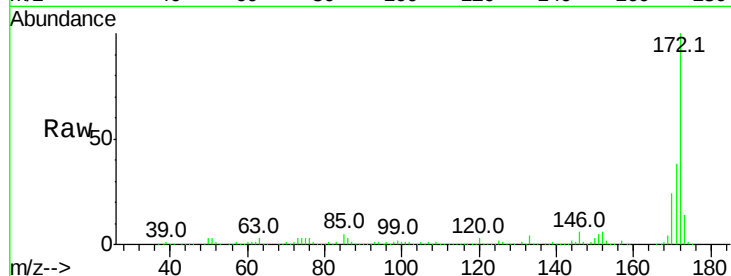


#44
 2-Fluorobiphenyl
 Concen: 85.756 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-121317-B

Tot Ion:172 Resp: 1243650

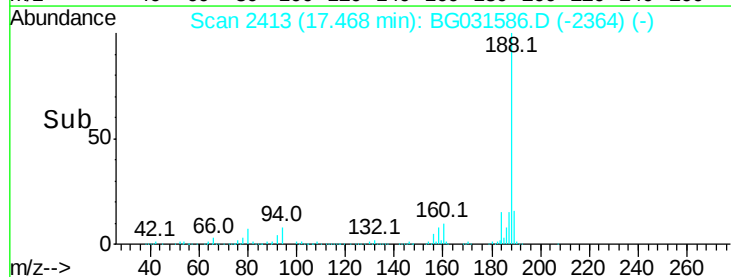
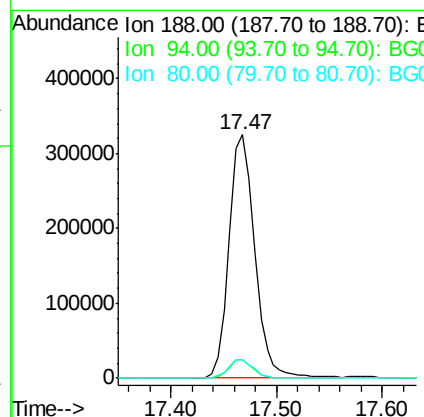
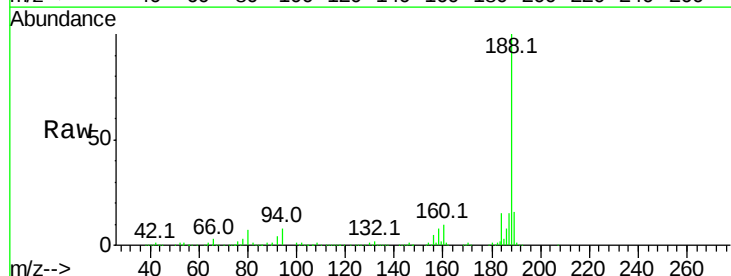
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.1	19.5	29.3

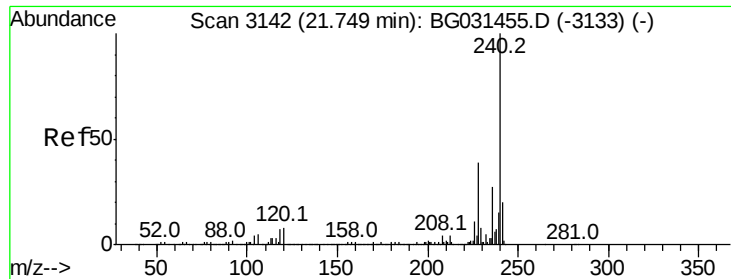


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031586.D
 Acq: 15 Dec 2017 8:59

Tgt Ion:188 Resp: 550050

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	7.4	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BG031586.D

Acq: 15 Dec 2017 8:59

Instrument :

BNA_G

ClientSampleId :

HR-05-121317-B

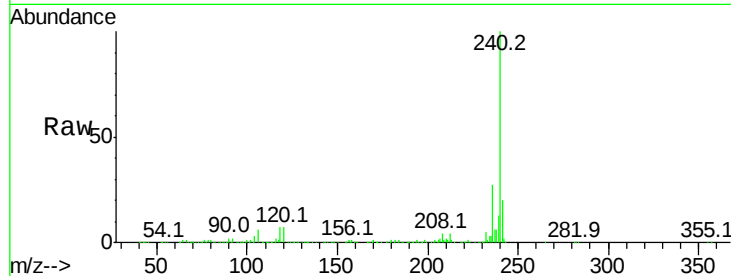
Tot Ion:240 Resp: 642231

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

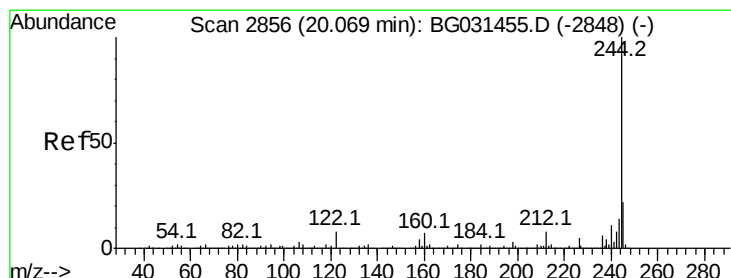
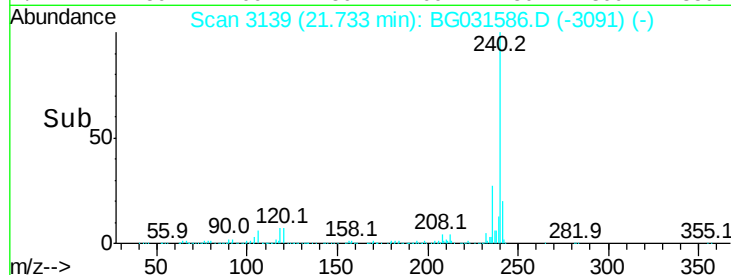
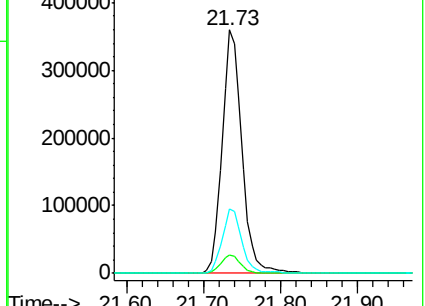
236 26.5 20.9 31.3



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: 78.992 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031586.D

Acq: 15 Dec 2017 8:59

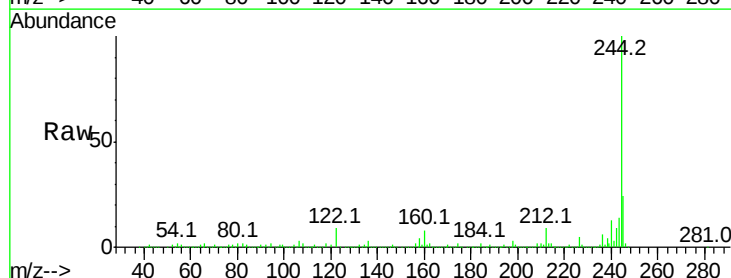
Tgt Ion:244 Resp: 2229778

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

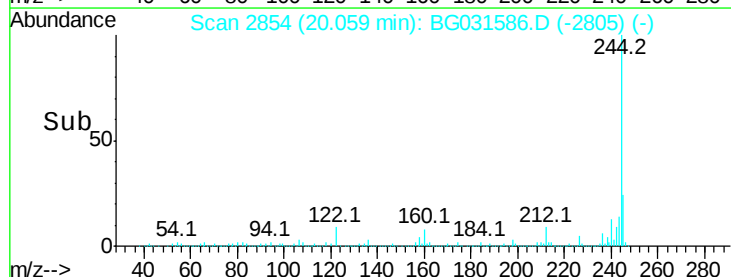
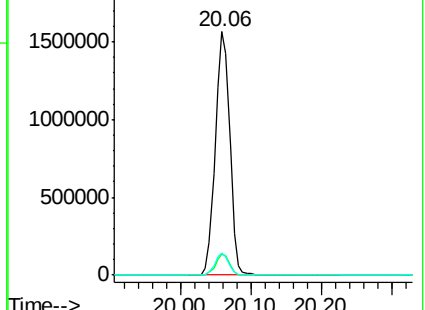
122 9.1 7.0 10.4

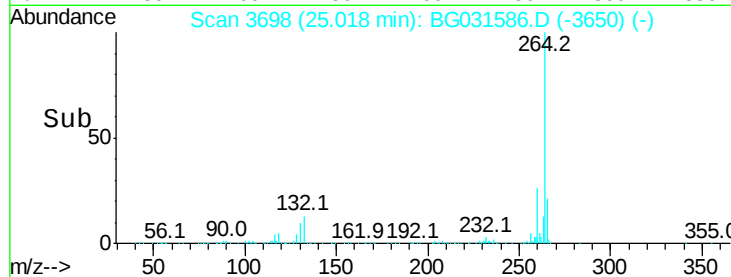
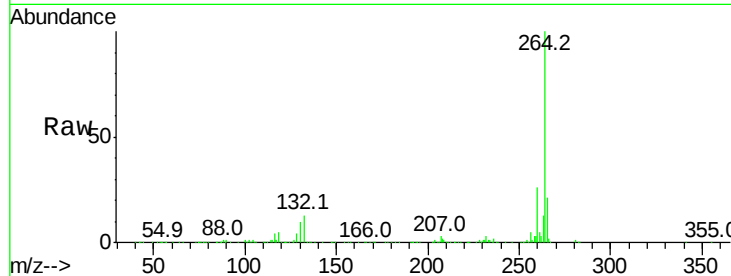
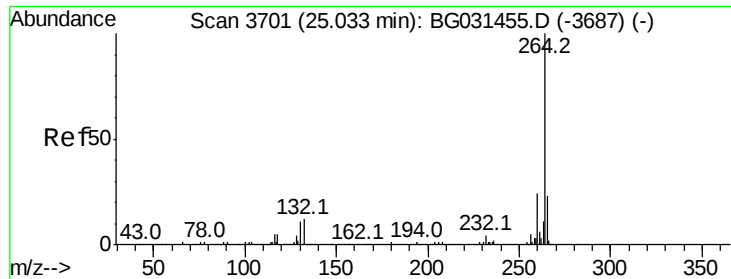


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031586.D

Acq: 15 Dec 2017 8:59

Instrument :

BNA_G

ClientSampleId :

HR-05-121317-B

Tot Ion:264 Resp: 548022

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 21.4 17.7 26.5

