

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031651.D
 Acq On : 19 Dec 2017 1:51
 Operator : SJ/JU
 Sample : I6675-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-121517

Quant Time: Dec 19 07:07:31 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	75213	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	319138	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	207936	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	559934	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	581379	20.00	ng	-0.01
86) Perylene-d12	25.02	264	509902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	568563	133.99	ng	-0.01
7) Phenol-d6	7.27	99	682461	115.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	450243	86.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	396778	162.88	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1344874	94.94	ng	0.00
78) Terphenyl-d14	20.06	244	2422371	94.80	ng	-0.01

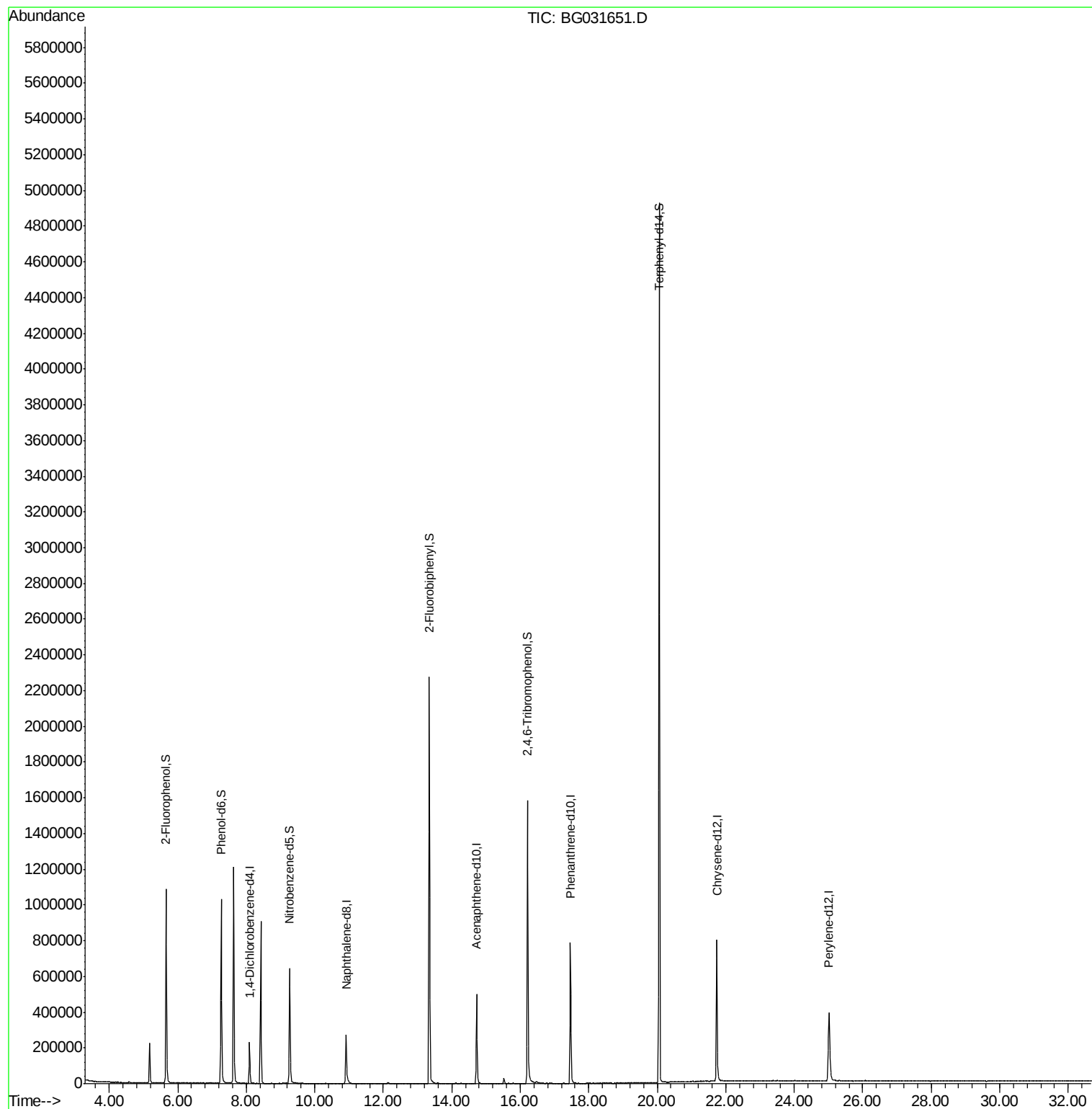
Target Compounds	Qvalue
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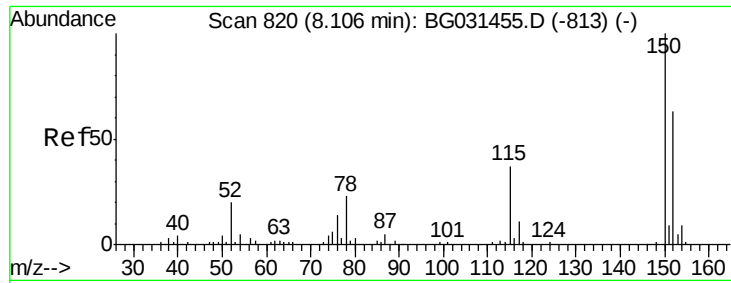
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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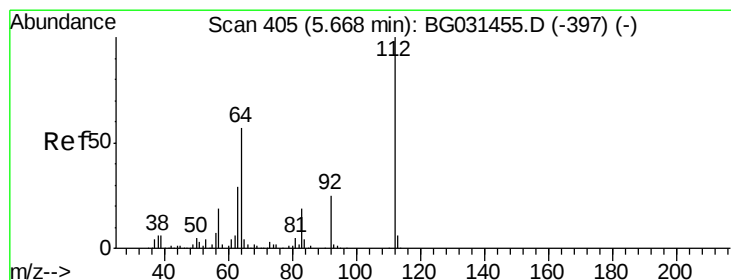
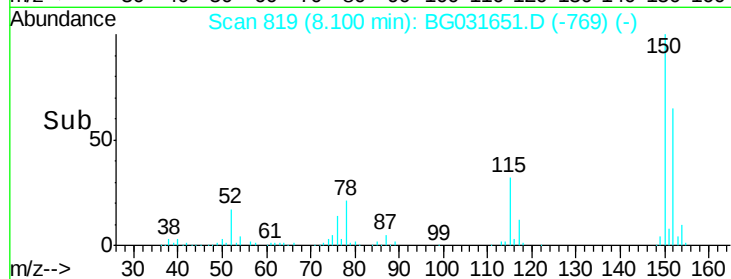
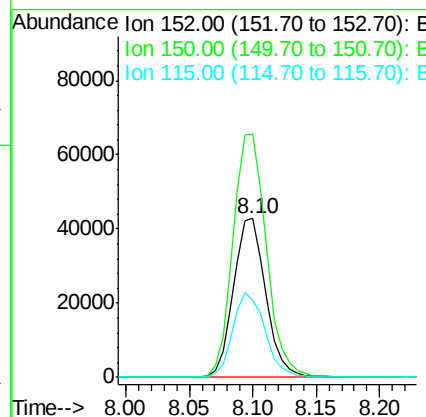
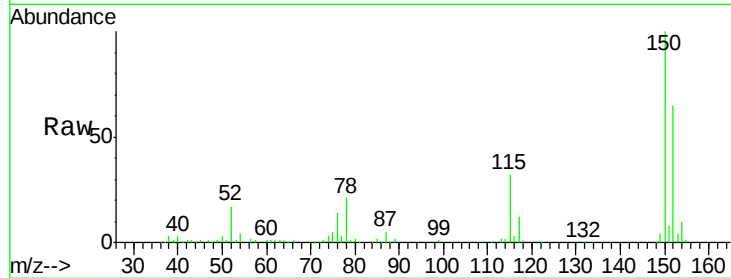




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG031651.D
 Acq: 19 Dec 2017 1:51

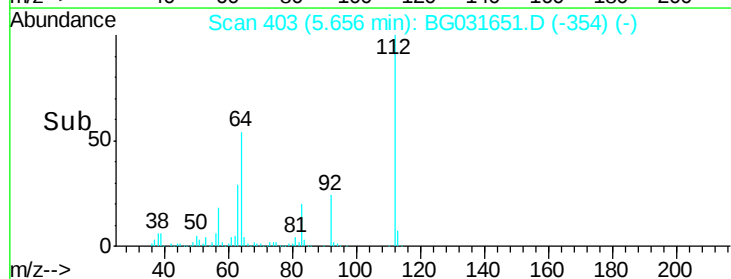
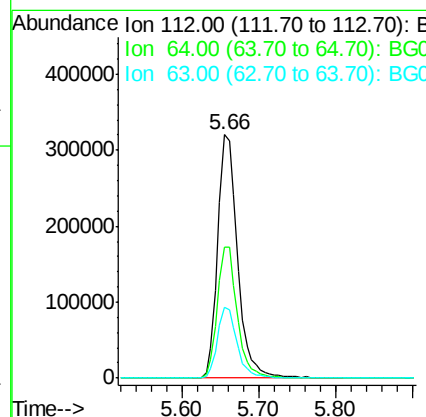
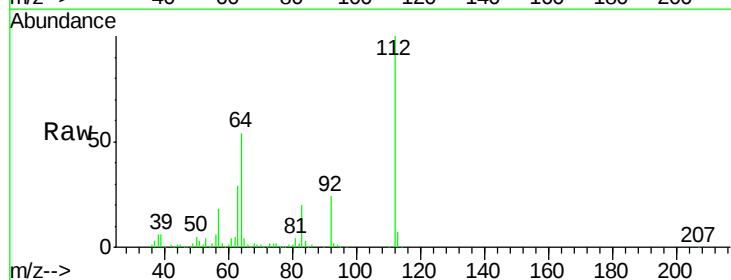
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-121517

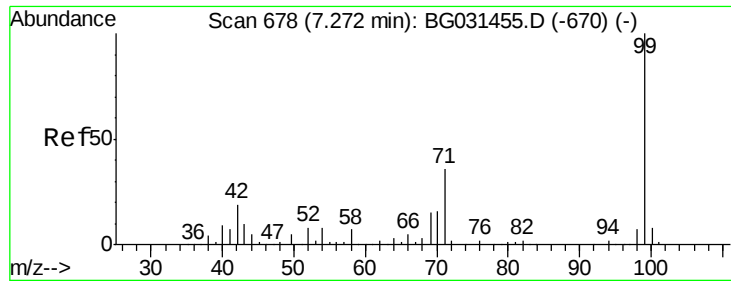
Tgt Ion:152 Resp: 75213
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.6 189.8
 115 48.4 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 133.991 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031651.D
 Acq: 19 Dec 2017 1:51

Tgt Ion:112 Resp: 568563
 Ion Ratio Lower Upper
 112 100
 64 54.0 56.3 84.5#
 63 29.3 30.1 45.1#





#7

Phenol-d6

Concen: 115.855 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031651.D

Acq: 19 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

SU-04-121517

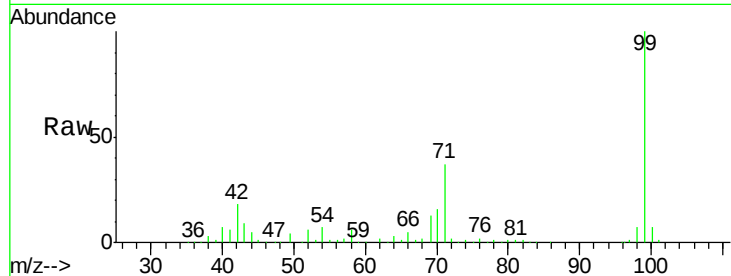
Tgt Ion: 99 Resp: 682461

Ion Ratio Lower Upper

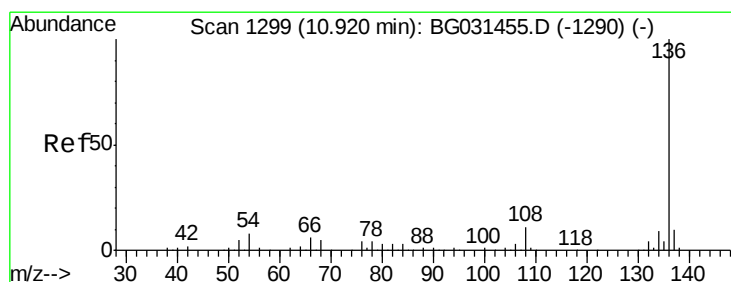
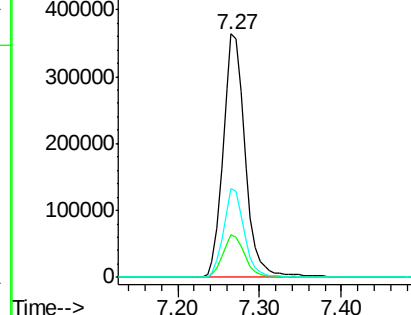
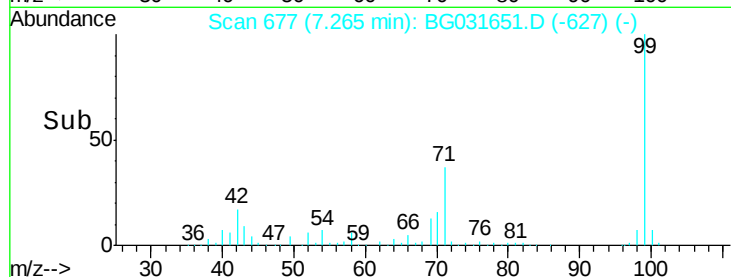
99 100

42 17.5 14.1 21.1

71 36.5 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031651.D

Acq: 19 Dec 2017 1:51

Tgt Ion: 136 Resp: 319138

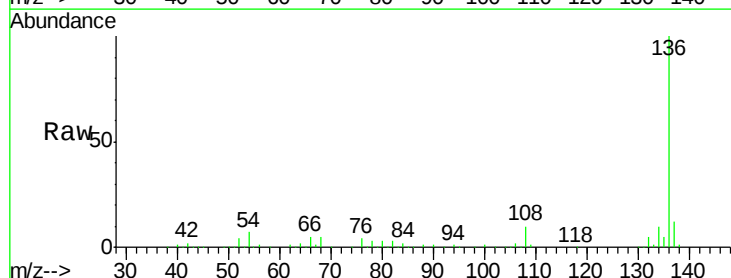
Ion Ratio Lower Upper

136 100

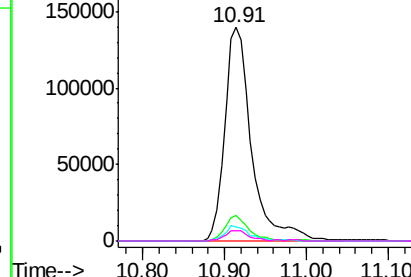
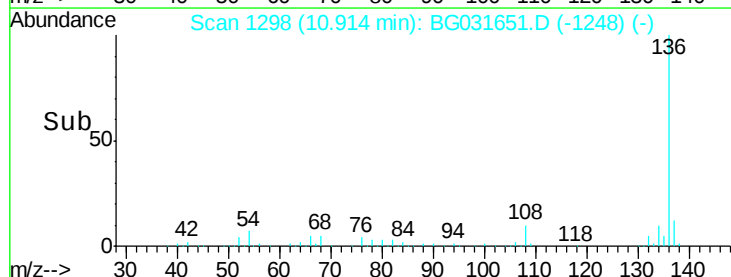
137 11.7 9.2 13.8

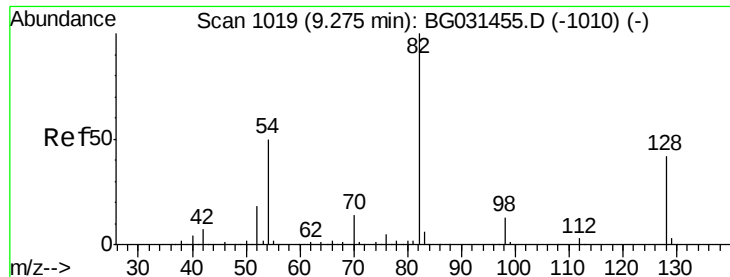
54 7.0 10.3 15.5#

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

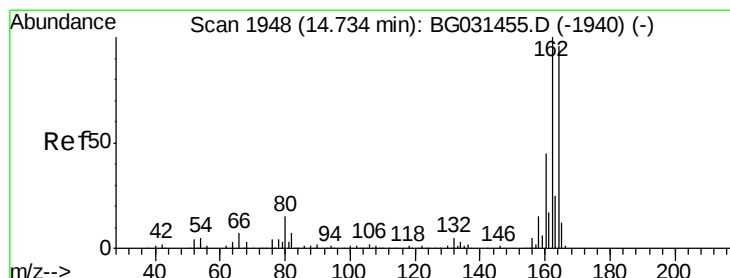
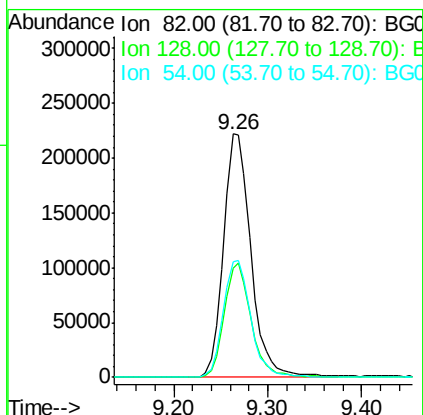
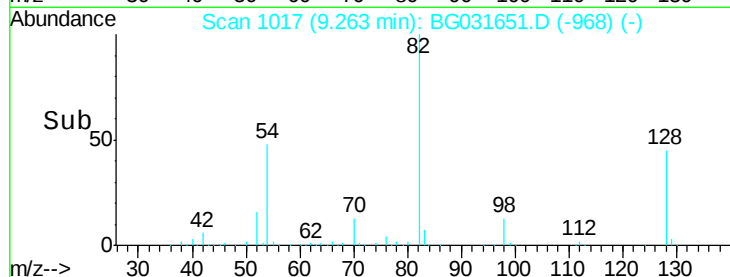
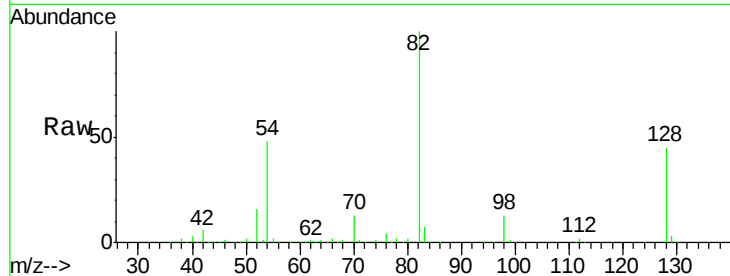




#23
Nitrobenzene-d5
Concen: 86.958 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031651.D
Acq: 19 Dec 2017 1:51

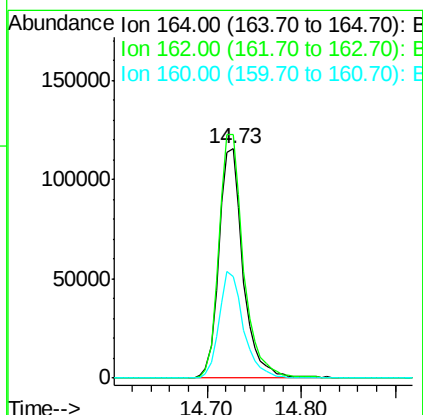
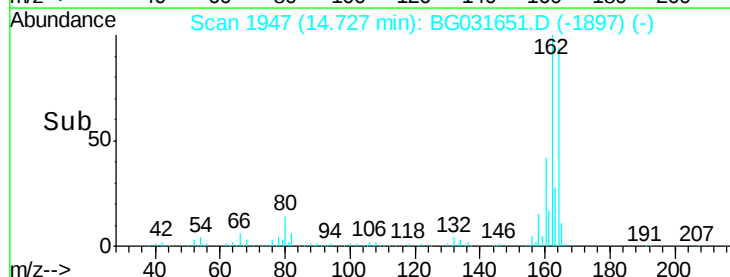
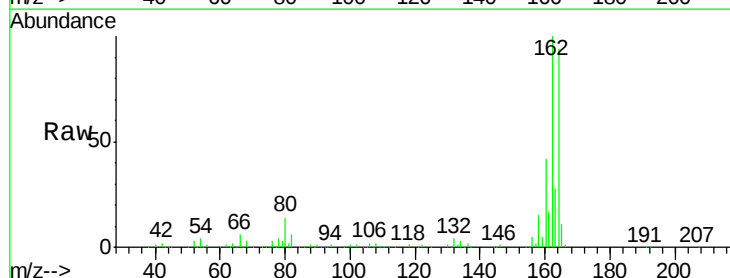
Instrument :
BNA_G
ClientSampleId :
SU-04-121517

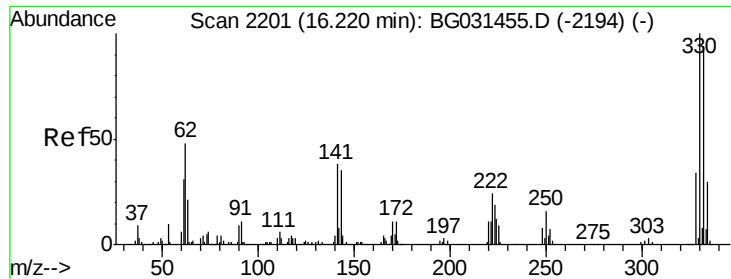
Tgt Ion: 82 Resp: 450243
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 47.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031651.D
Acq: 19 Dec 2017 1:51

Tgt Ion: 164 Resp: 207936
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 44.6 35.4 53.0

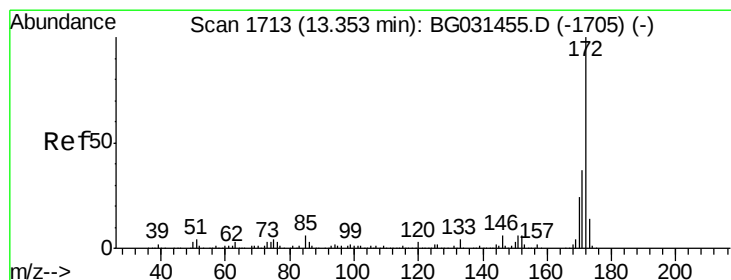
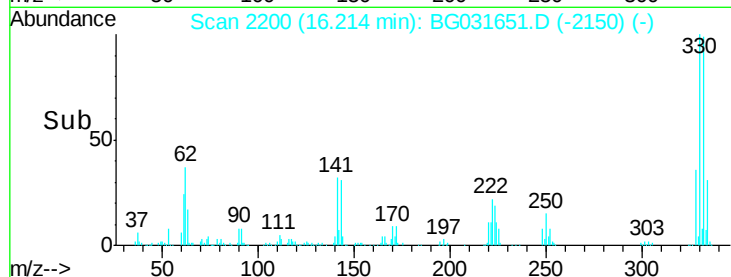
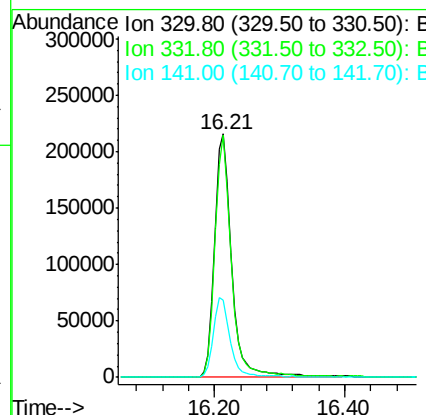
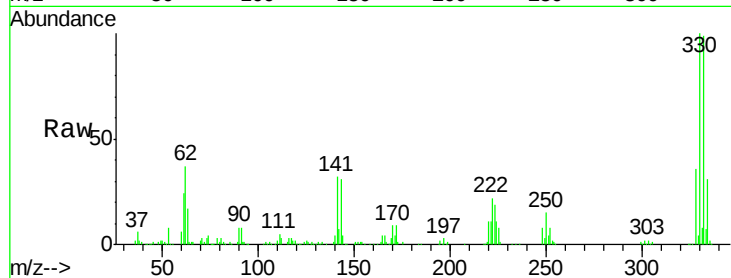




#41
 2,4,6-Tribromophenol
 Concen: 162.877 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031651.D
 Acq: 19 Dec 2017 1:51

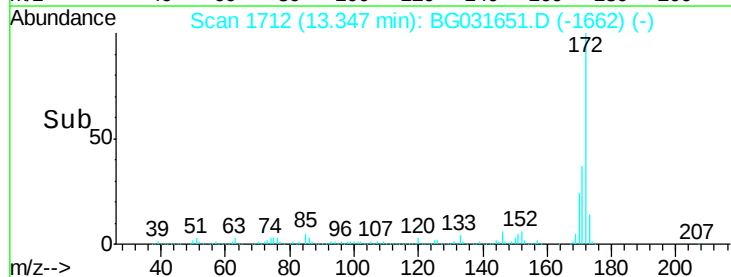
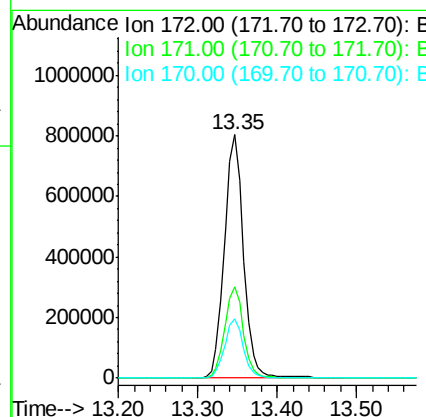
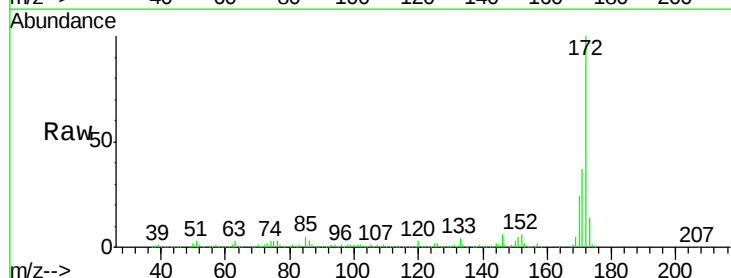
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-121517

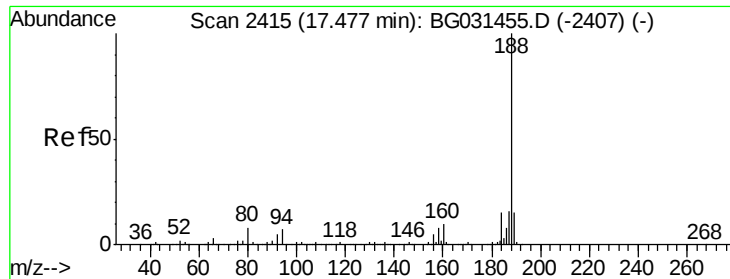
Tgt Ion:330 Resp: 396778
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.3 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 94.938 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031651.D
 Acq: 19 Dec 2017 1:51

Tgt Ion:172 Resp: 1344874
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.3 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: BG031651.D

Acq: 19 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

SU-04-121517

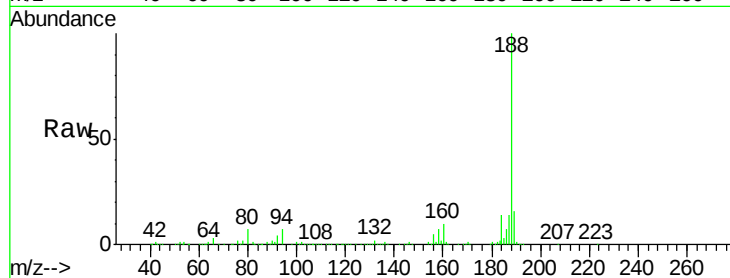
Tgt Ion:188 Resp: 559934

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

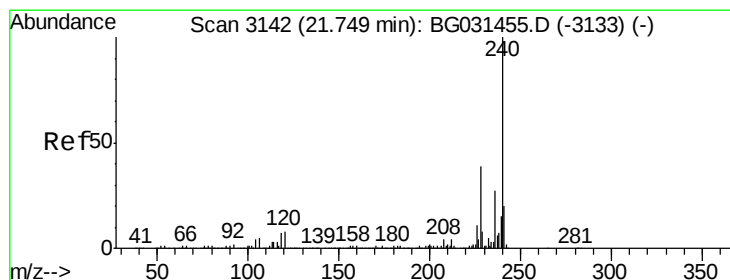
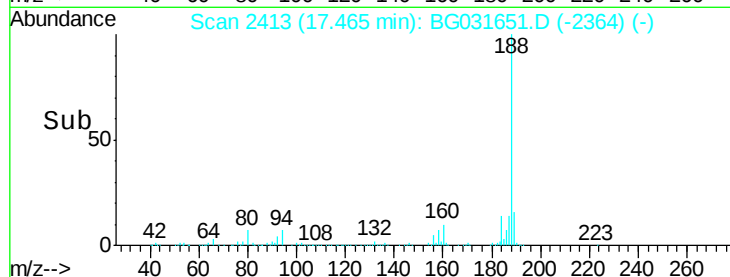
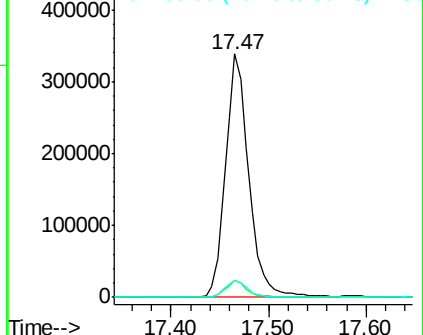
80 7.3 7.7 11.5#



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# 3140

Delta R.T. -0.01 min

Lab File: BG031651.D

Acq: 19 Dec 2017 1:51

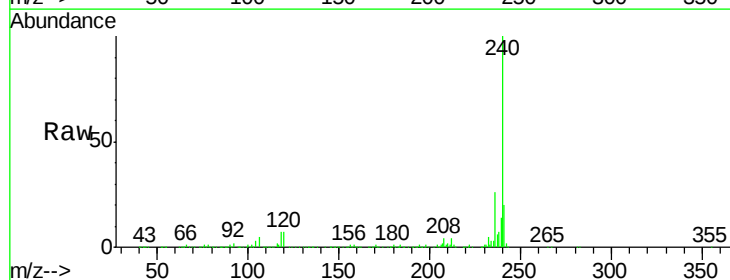
Tgt Ion:240 Resp: 581379

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

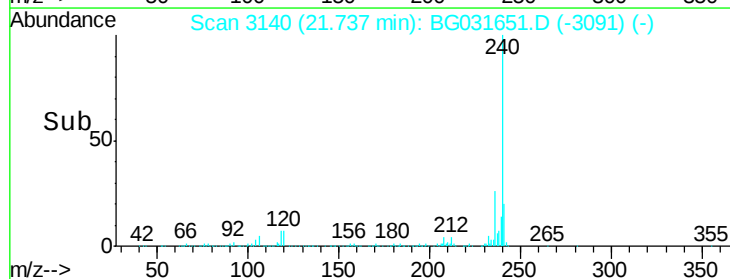
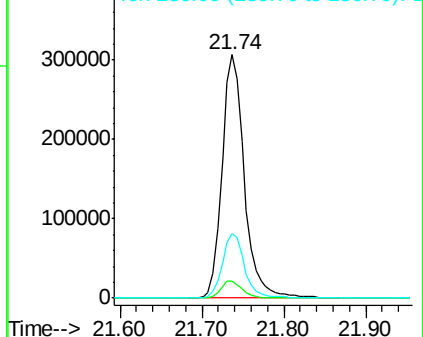
236 26.2 20.9 31.3

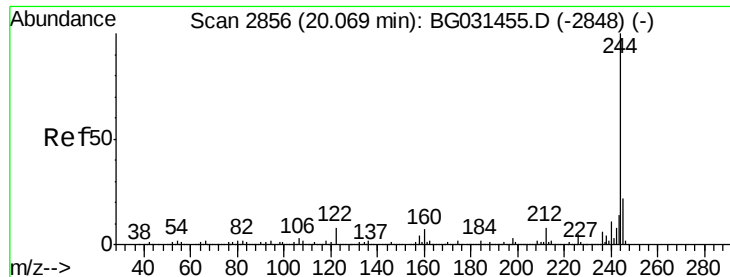


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.797 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031651.D

Acq: 19 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

SU-04-121517

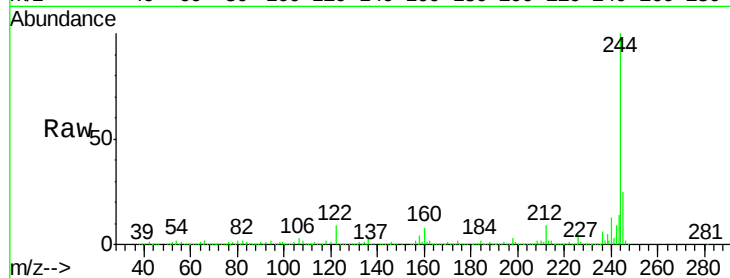
Tgt Ion:244 Resp: 2422371

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

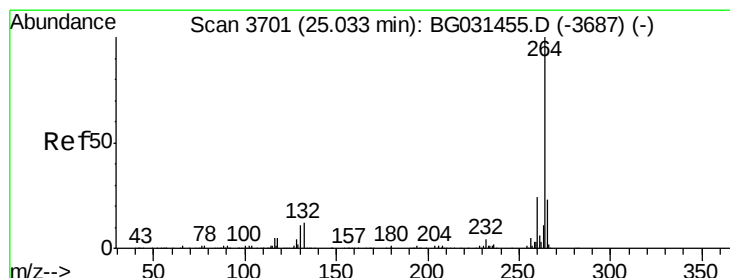
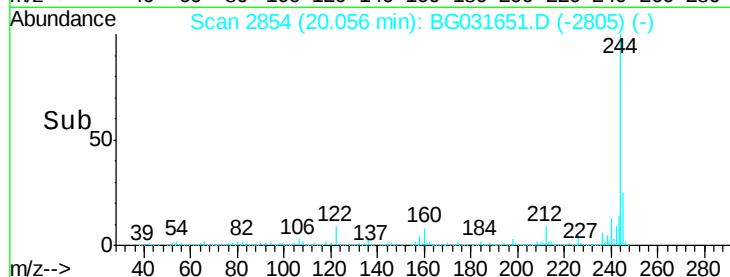
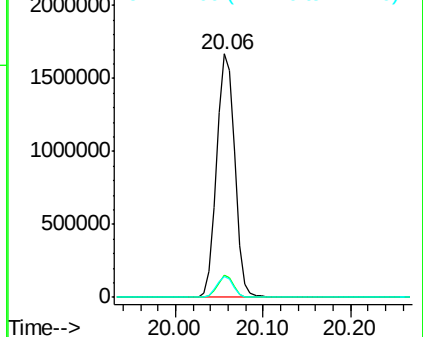
122 8.8 7.0 10.4



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# 3698

Delta R.T. -0.02 min

Lab File: BG031651.D

Acq: 19 Dec 2017 1:51

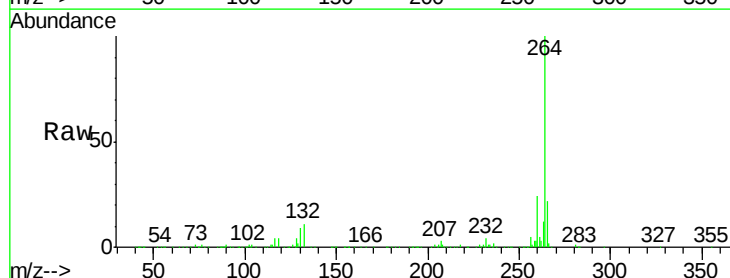
Tgt Ion:264 Resp: 509902

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.4 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

