

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025771.D
 Acq On : 2 Feb 2017 23:35
 Operator : SJ/MA
 Sample : I1644-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B1-B2-001

Quant Time: Feb 03 01:29:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76549	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	337507	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	258927	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	582515	20.00	ng	0.00
75) Chrysene-d12	21.83	240	734026	20.00	ng	0.00
86) Perylene-d12	25.20	264	706196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	644206	150.82	ng	0.00
7) Phenol-d6	7.33	99	863484	138.42	ng	0.00
23) Nitrobenzene-d5	9.35	82	741965	92.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	525230	142.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1512690	94.88	ng	0.00
78) Terphenyl-d14	20.13	244	2585527	85.02	ng	0.00

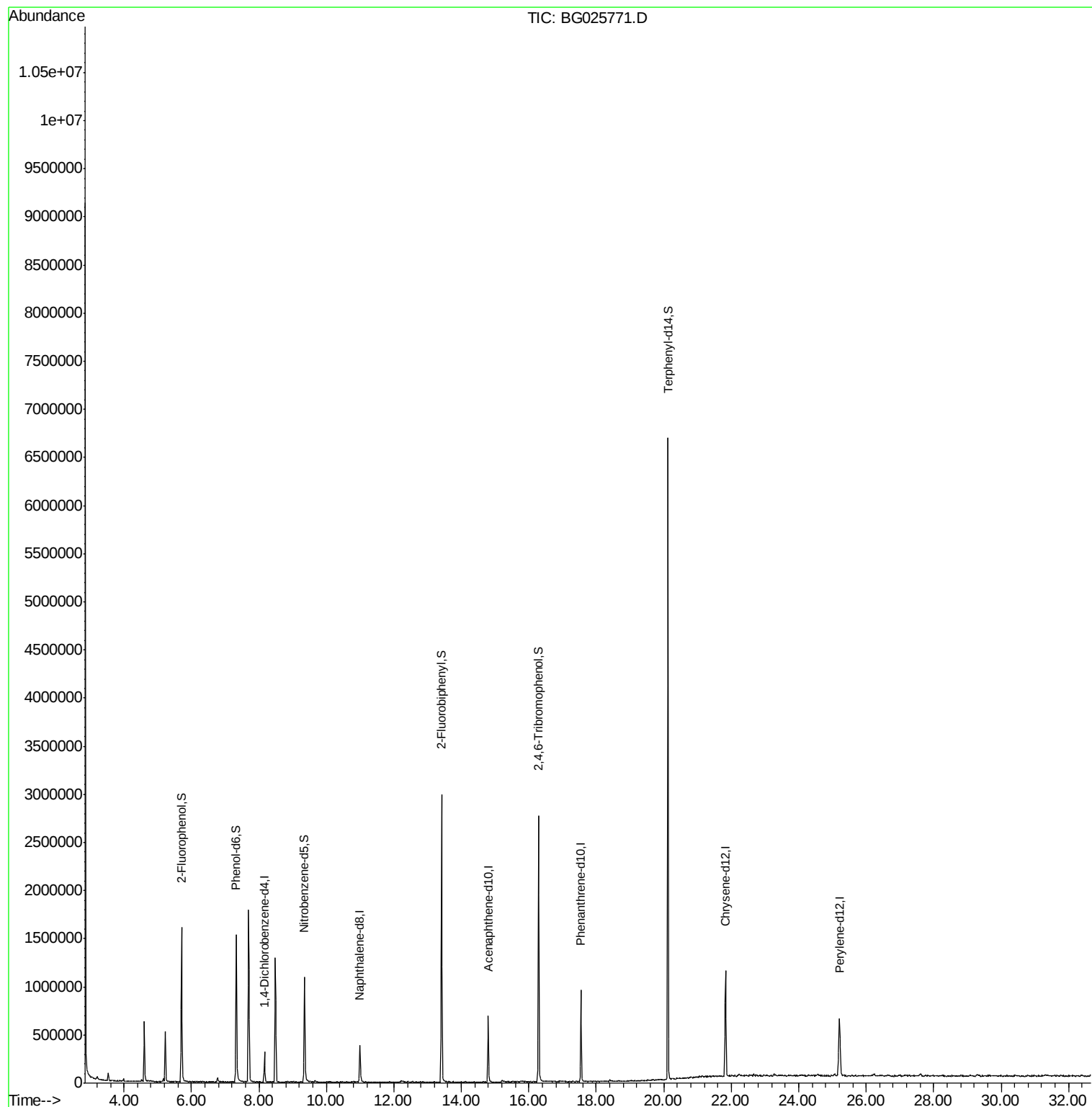
Target Compounds Qvalue

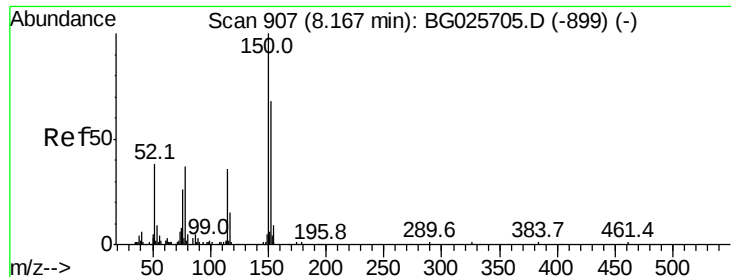
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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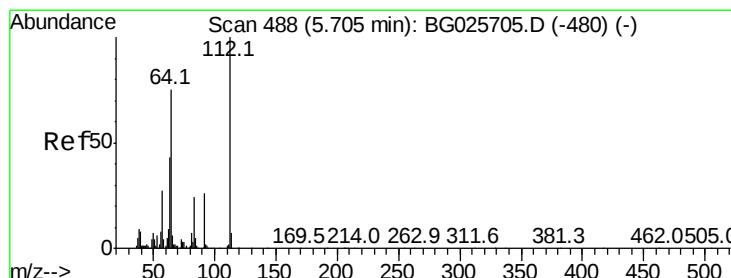
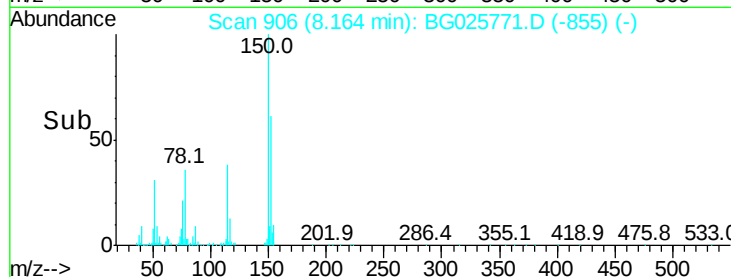
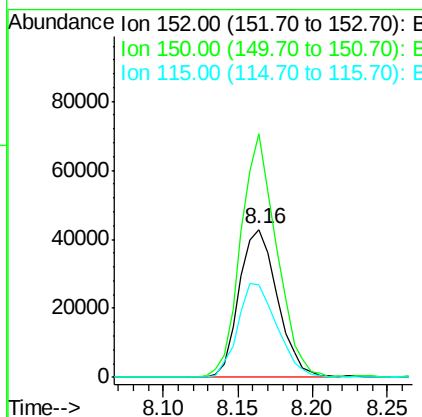
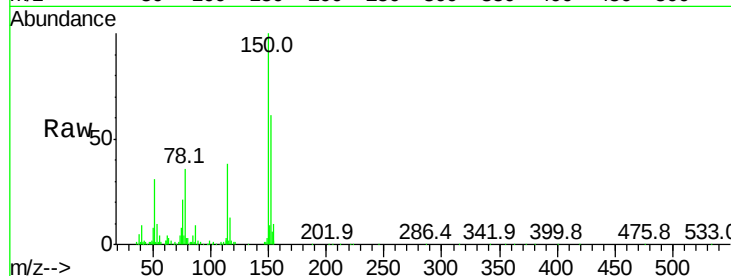


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

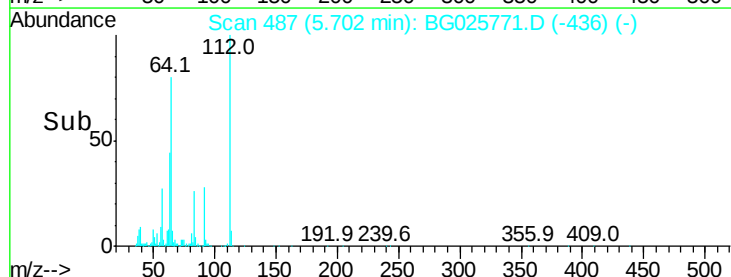
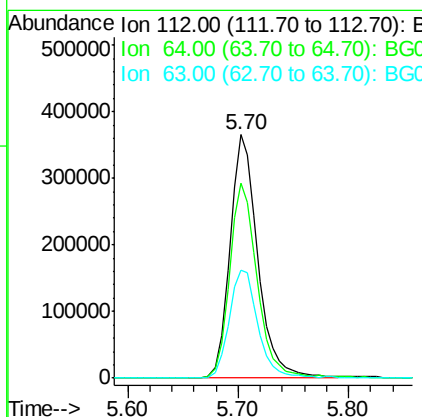
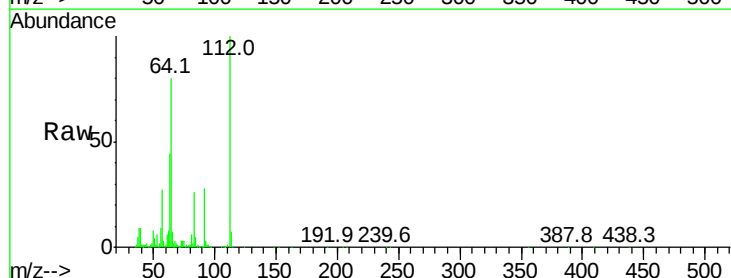
Tot Ion:152 Resp: 76549
Ion Ratio Lower Upper
152 100
150 164.7 114.0 171.0
115 62.8 48.1 72.1

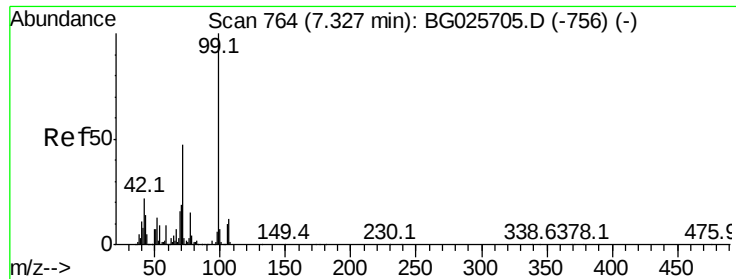


#5

2-Fluorophenol
Concen: 150.82 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:112 Resp: 644206
Ion Ratio Lower Upper
112 100
64 80.0 61.8 92.6
63 44.3 37.2 55.8





#7

Phenol-d6

Concen: 138.42 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

Instrument :

BNA_G

ClientSampleId :

WC-B1-B2-001

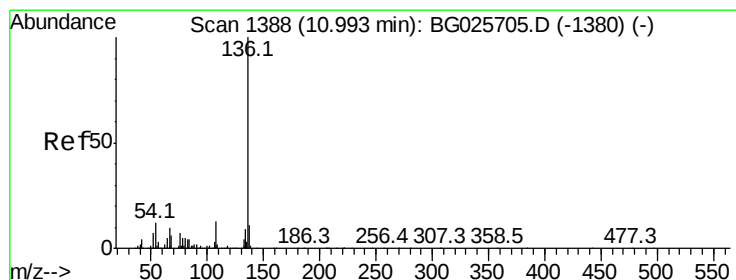
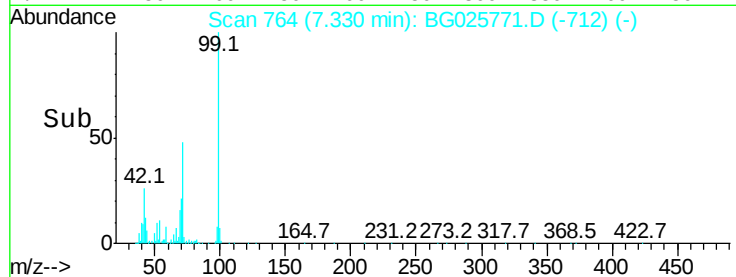
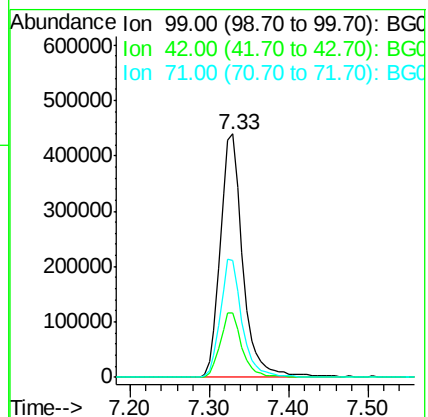
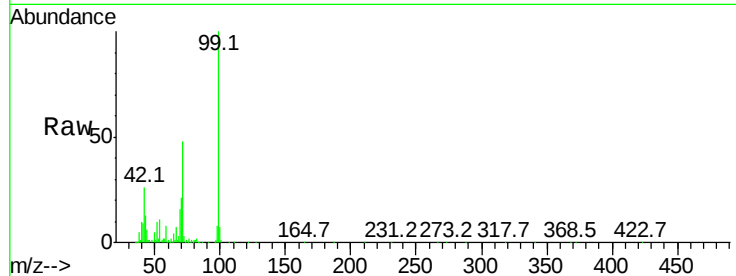
Tot Ion: 99 Resp: 863484

Ion Ratio Lower Upper

99 100

42 26.5 20.5 30.7

71 48.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

Tgt Ion: 136 Resp: 337507

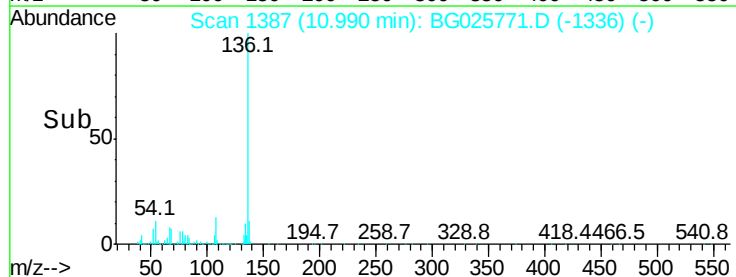
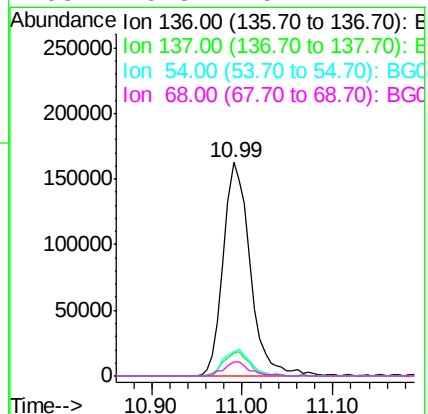
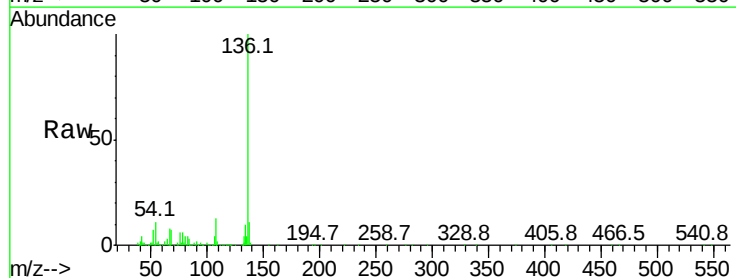
Ion Ratio Lower Upper

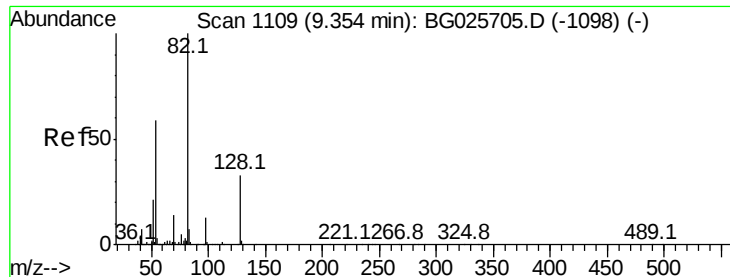
136 100

137 11.0 8.9 13.3

54 11.4 9.3 13.9

68 6.8 5.1 7.7

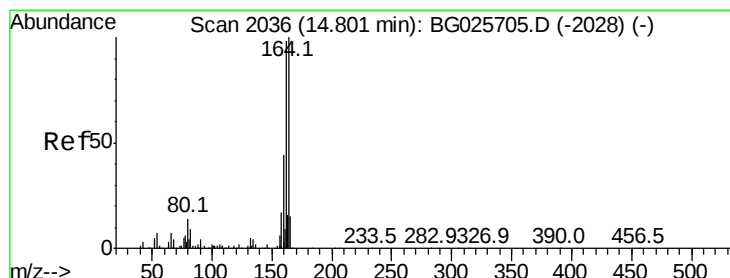
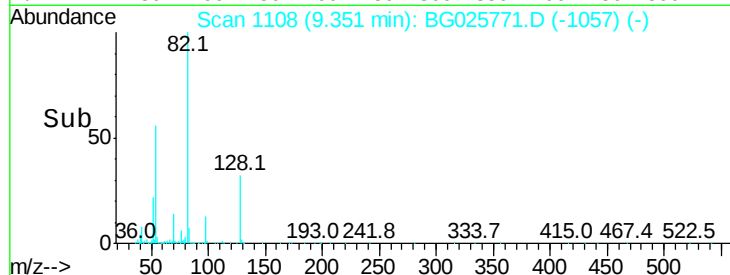
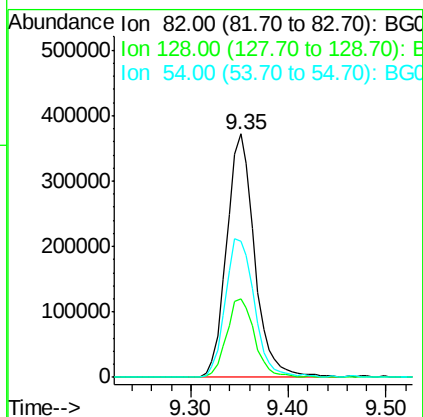
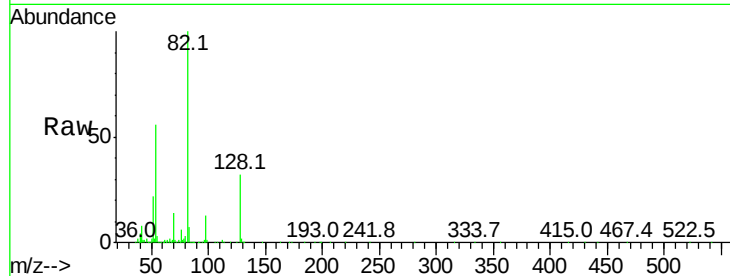




#23
 Nitrobenzene-d5
 Concen: 92.89 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025771.D
 Acq: 2 Feb 2017 23:35

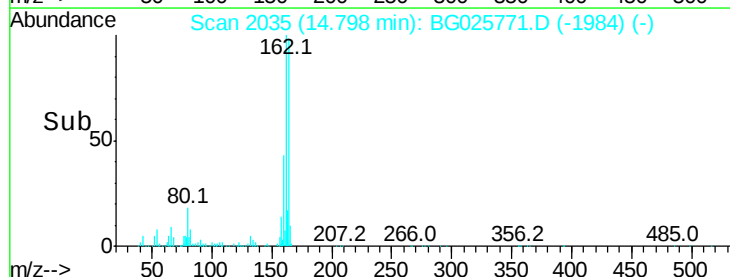
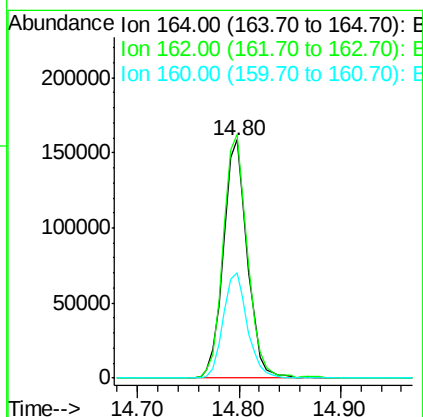
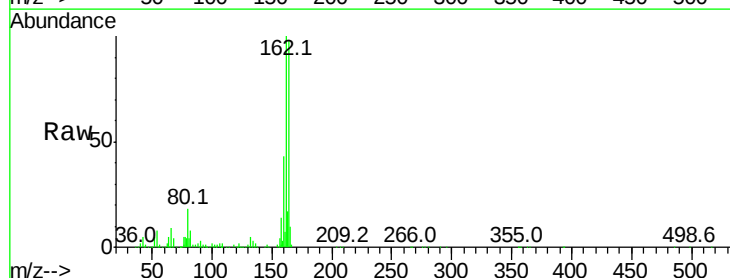
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1-B2-001

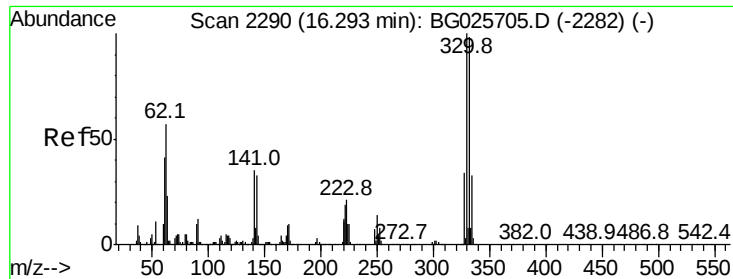
Tot Ion	82	Resp	741965
Ion Ratio	100	Lower	Upper
128	32.2	26.4	39.6
54	55.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG025771.D
 Acq: 2 Feb 2017 23:35

Tgt Ion	164	Resp	258927
Ion Ratio	100	Lower	Upper
162	102.3	85.1	127.7
160	44.4	34.7	52.1

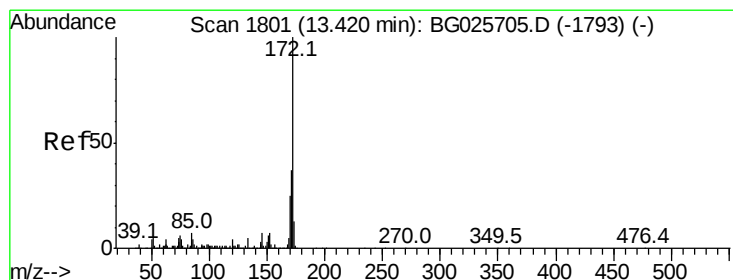
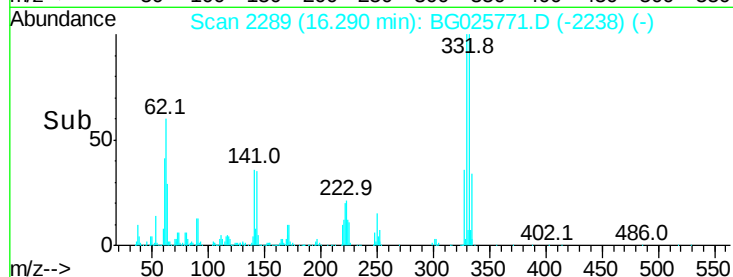
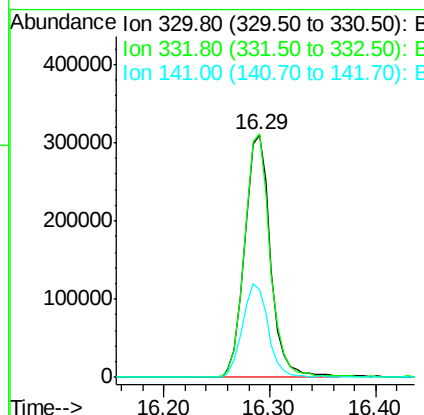
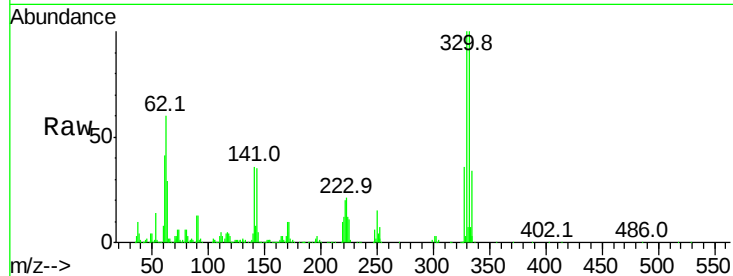




#41
 2,4,6-Tribromophenol
 Concen: 142.24 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025771.D
 Acq: 2 Feb 2017 23:35

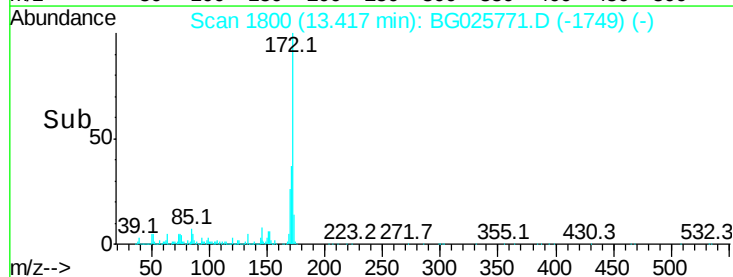
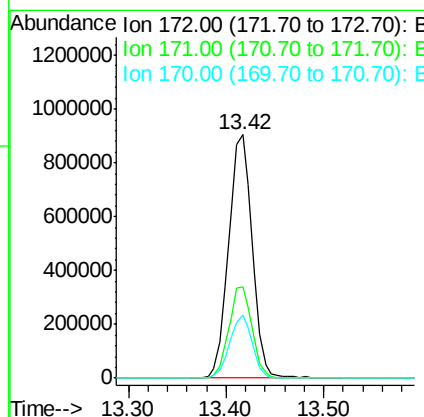
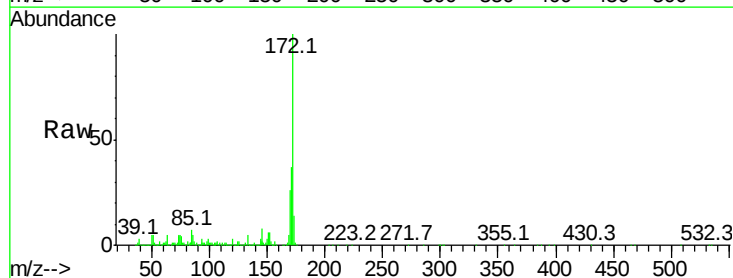
Instrument :
 BNA_G
 ClientSampleId :
 WC-B1-B2-001

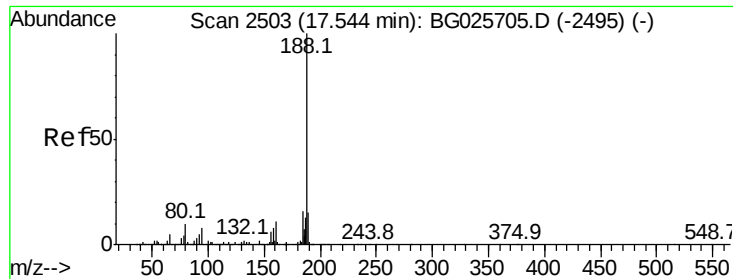
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	38.2	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.88 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG025771.D
 Acq: 2 Feb 2017 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	26.0	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

Instrument :

BNA_G

ClientSampleId :

WC-B1-B2-001

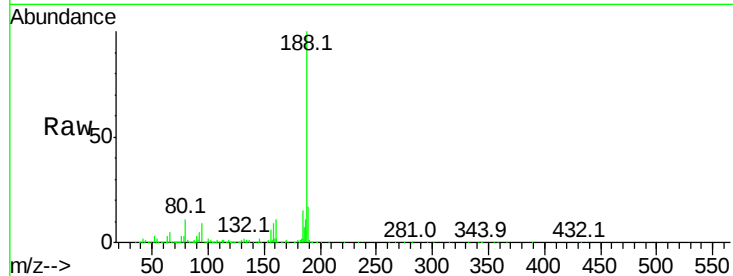
Tot Ion:188 Resp: 582515

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

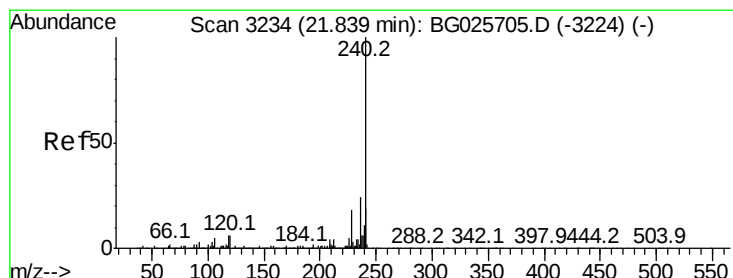
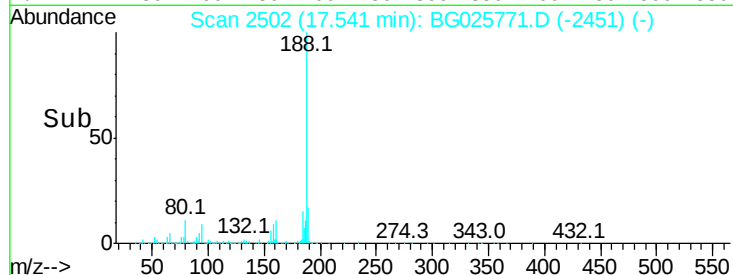
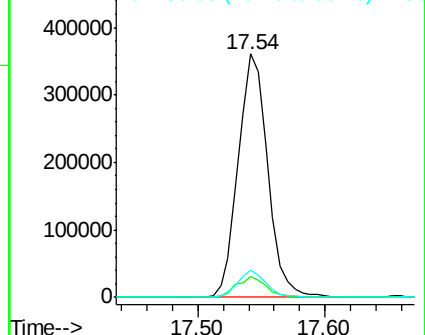
80 11.2 7.5 11.3



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: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

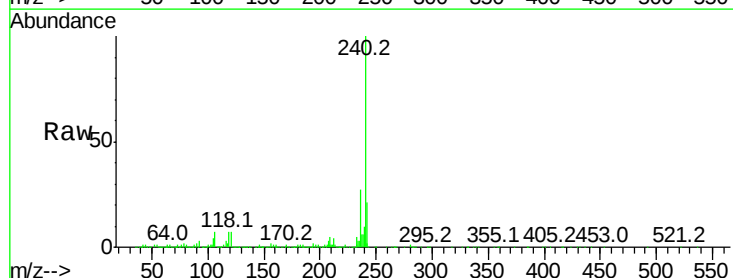
Tgt Ion:240 Resp: 734026

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

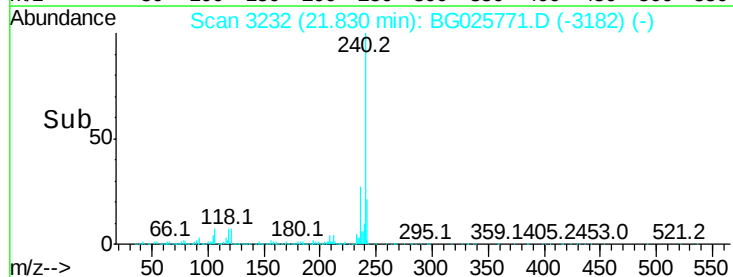
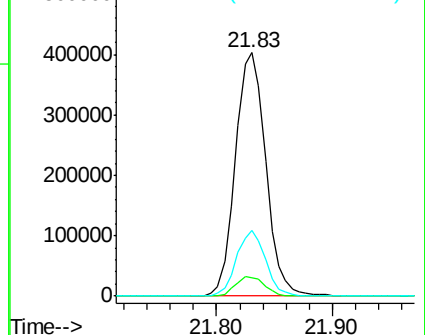
236 27.2 22.2 33.4

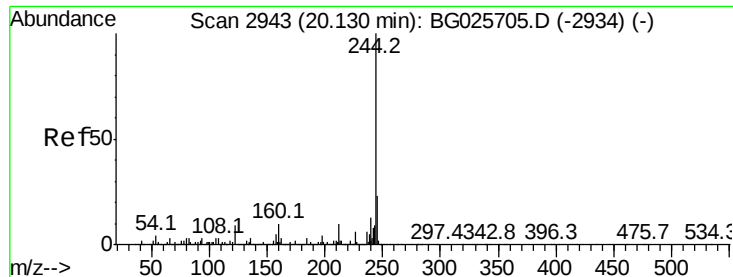


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.02 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

Instrument :

BNA_G

ClientSampleId :

WC-B1-B2-001

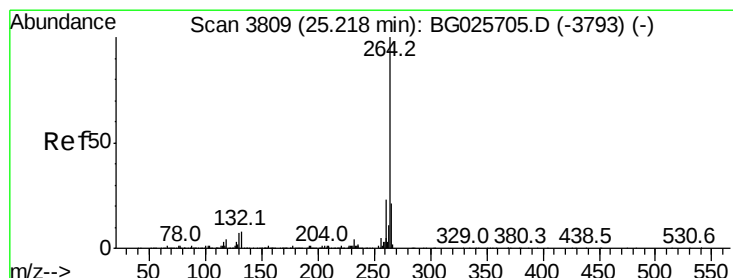
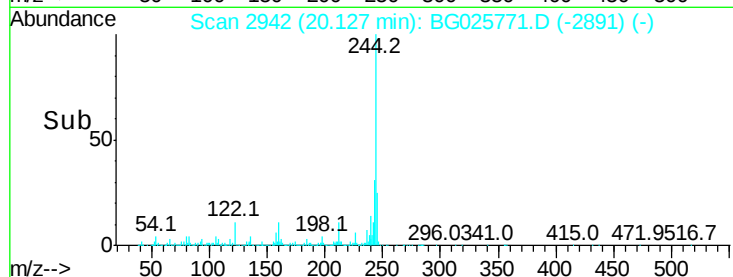
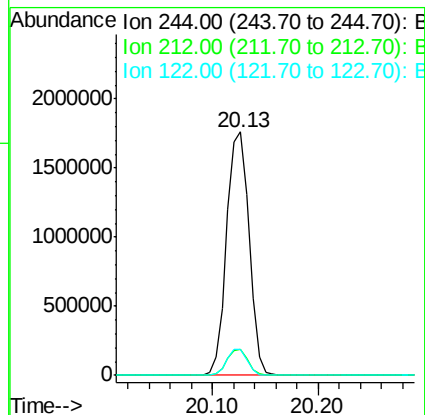
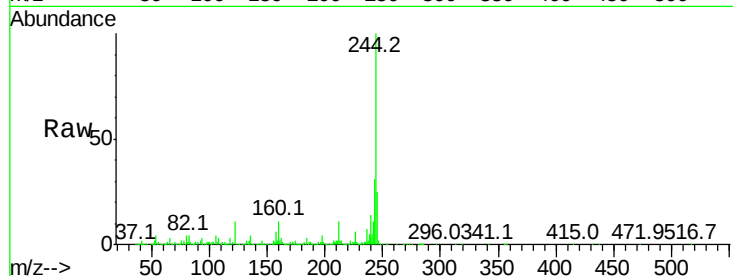
Tot Ion:244 Resp: 2585527

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

122 10.9 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. -0.01 min

Lab File: BG025771.D

Acq: 2 Feb 2017 23:35

Tgt Ion:264 Resp: 706196

Ion Ratio Lower Upper

264 100

260 25.5 21.8 32.8

265 21.2 18.2 27.4

