

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025820.D
 Acq On : 7 Feb 2017 2:39
 Operator : SJ/MA
 Sample : I1697-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B20-B22-001

Quant Time: Feb 07 03:20:01 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

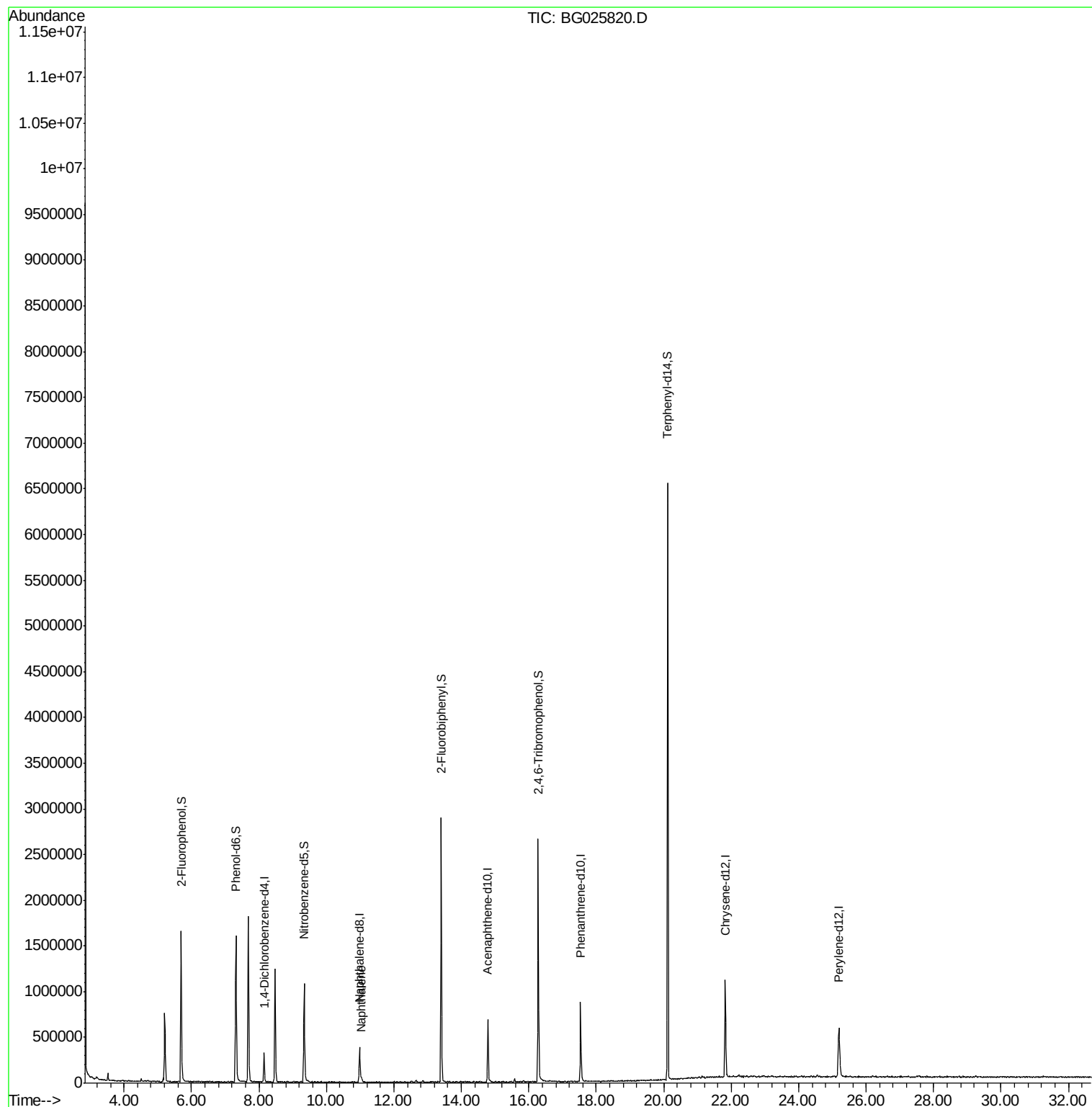
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	79679	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	334503	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	253692	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	563559	20.00	ng	0.00
75) Chrysene-d12	21.82	240	718486	20.00	ng	-0.01
86) Perylene-d12	25.19	264	680358	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	657579	147.91	ng	-0.01
7) Phenol-d6	7.32	99	874832	134.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	731312	92.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	483038	133.51	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1392029	89.12	ng	-0.01
78) Terphenyl-d14	20.12	244	2564535	86.15	ng	-0.01
Target Compounds						
31) Naphthalene	11.04	128	38220	2.20	ng	Qvalue 97

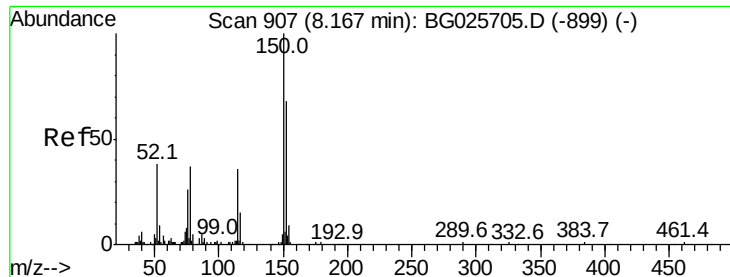
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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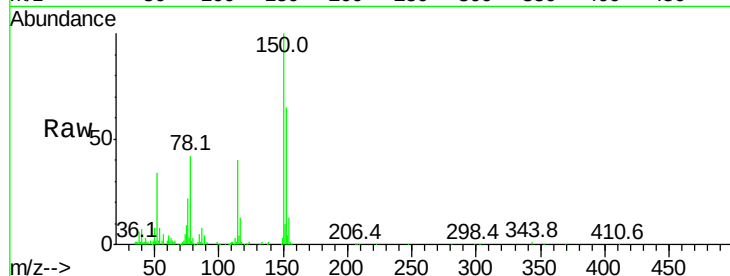


#1

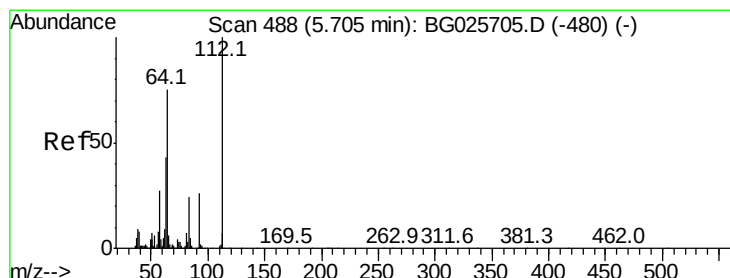
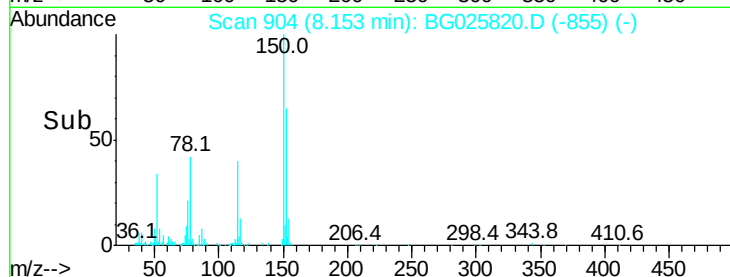
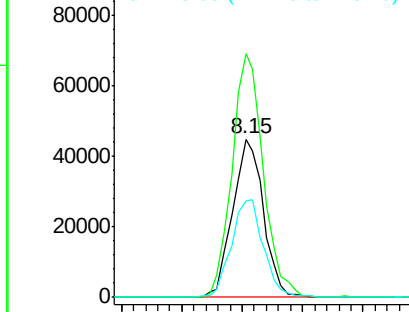
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG025820.D
 Acq: 7 Feb 2017 2:39

Instrument :
 BNA_G
 ClientSampleId :
 WC-B20-B22-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	114.0	171.0
115	60.7	48.1	72.1



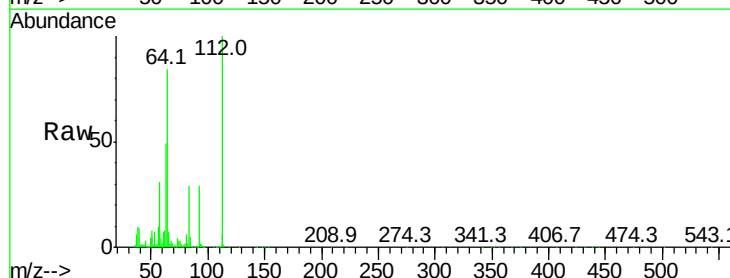
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



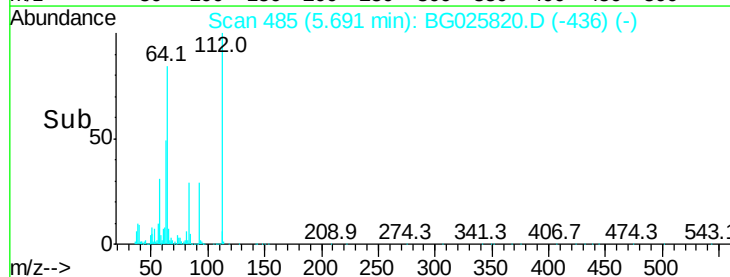
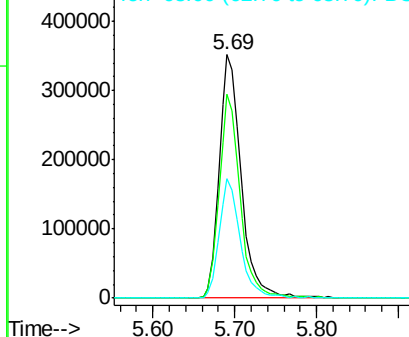
#5

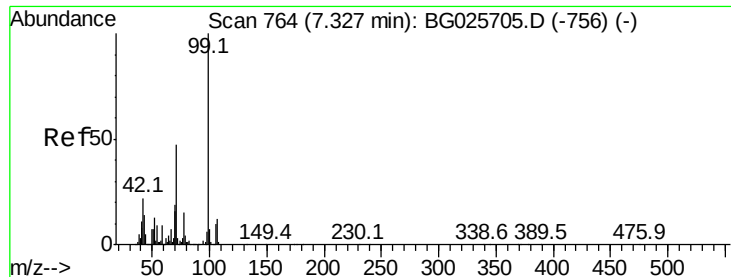
2-Fluorophenol
 Concen: 147.91 ng
 RT: 5.69 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BG025820.D
 Acq: 7 Feb 2017 2:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.5	61.8	92.6
63	49.2	37.2	55.8



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: 134.73 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025820.D

Acq: 7 Feb 2017 2:39

Instrument :

BNA_G

ClientSampleId :

WC-B20-B22-001

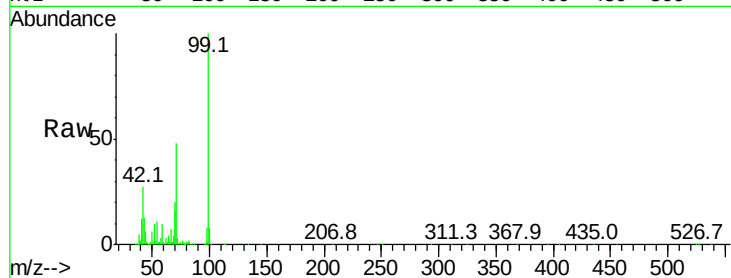
Tot Ion: 99 Resp: 874832

Ion Ratio Lower Upper

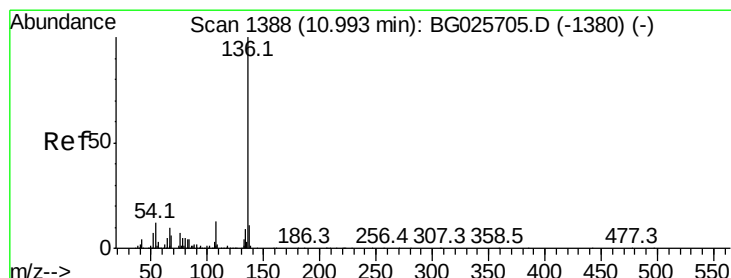
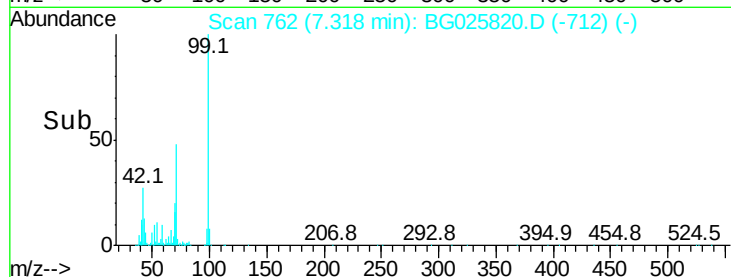
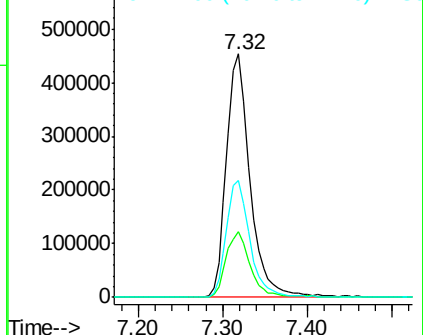
99 100

42 27.1 20.5 30.7

71 48.0 37.6 56.4



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: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025820.D

Acq: 7 Feb 2017 2:39

Tgt Ion: 136 Resp: 334503

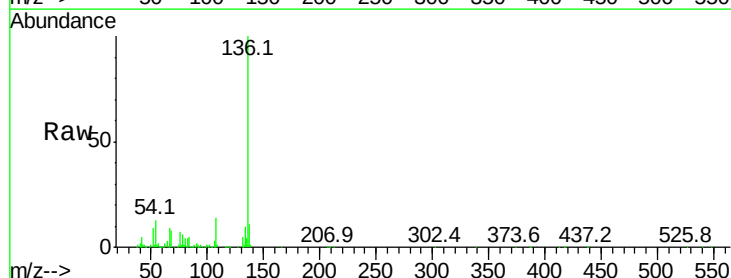
Ion Ratio Lower Upper

136 100

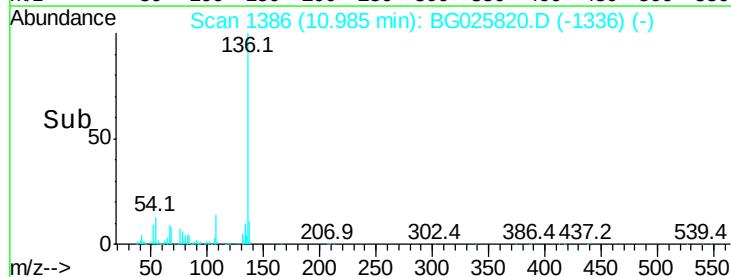
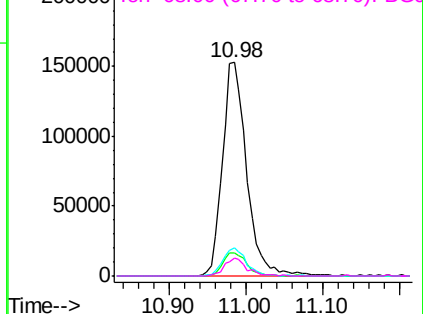
137 10.9 8.9 13.3

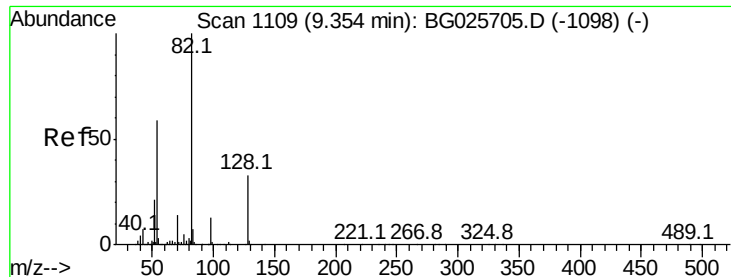
54 13.4 9.3 13.9

68 8.2 5.1 7.7#



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

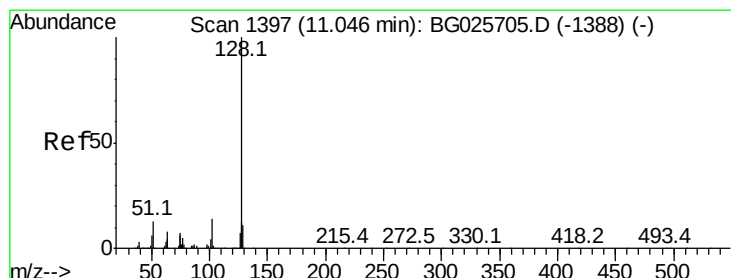
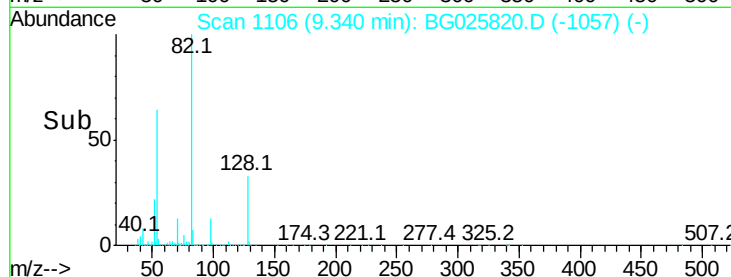
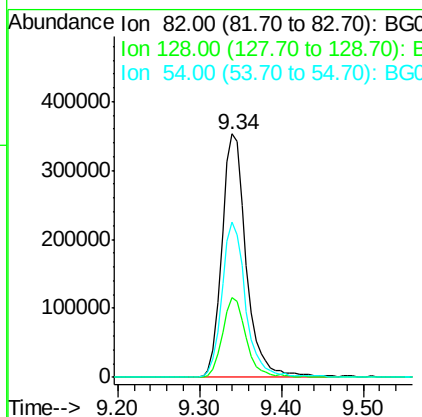
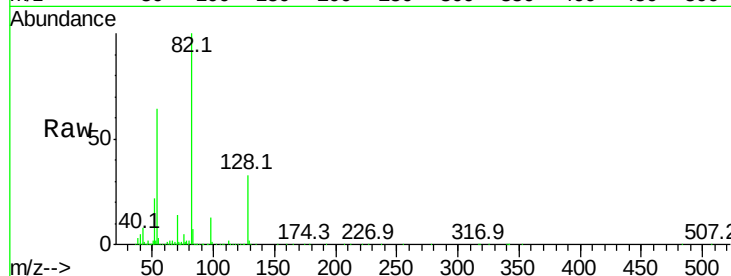




#23
 Nitrobenzene-d5
 Concen: 92.37 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG025820.D
 Acq: 7 Feb 2017 2:39

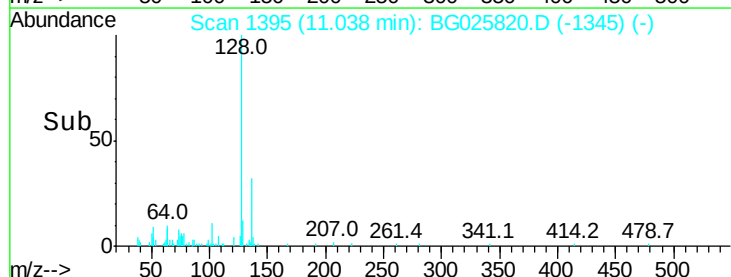
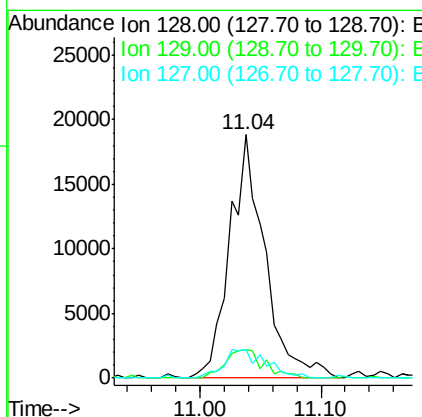
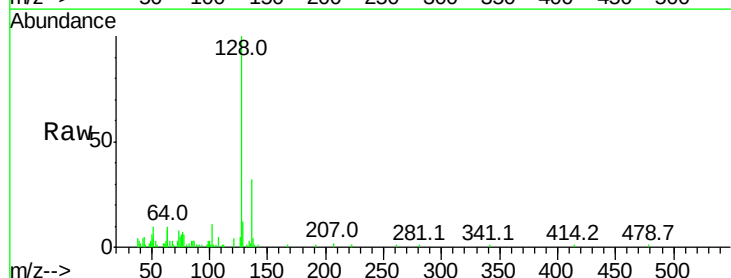
Instrument :
 BNA_G
 ClientSampleId :
 WC-B20-B22-001

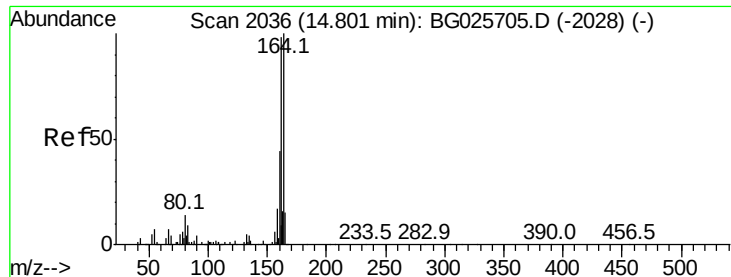
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	26.4	39.6
54	64.0	49.4	74.2



#31
 Naphthalene
 Concen: 2.20 ng
 RT: 11.04 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BG025820.D
 Acq: 7 Feb 2017 2:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	11.9	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG025820.D

Acq: 7 Feb 2017 2:39

Instrument :

BNA_G

ClientSampleId :

WC-B20-B22-001

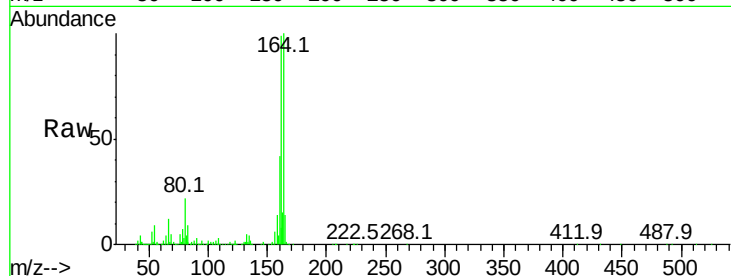
Tot Ion:164 Resp: 253692

Ion Ratio Lower Upper

164 100

162 99.4 85.1 127.7

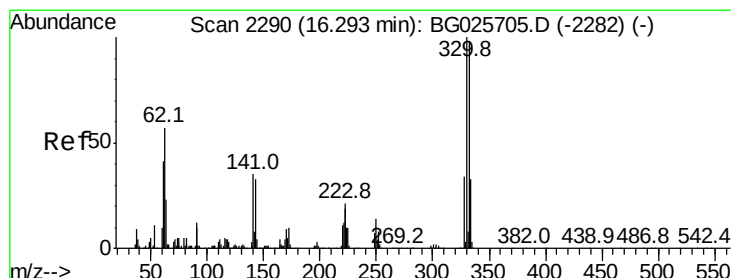
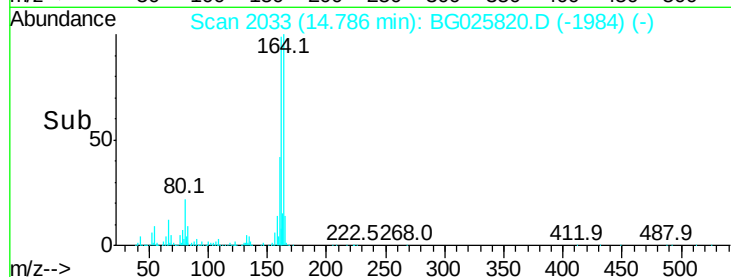
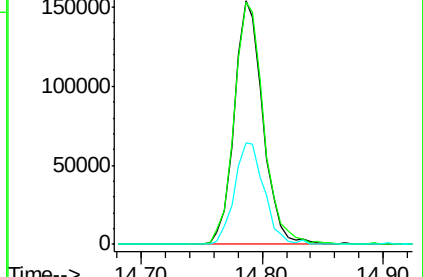
160 41.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.51 ng

RT: 16.28 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG025820.D

Acq: 7 Feb 2017 2:39

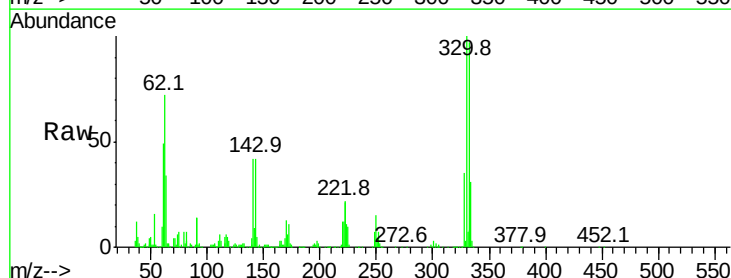
Tgt Ion:330 Resp: 483038

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

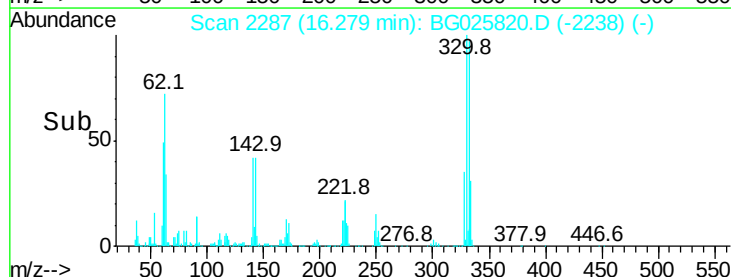
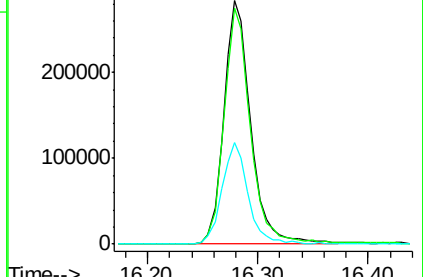
141 40.5 32.1 48.1

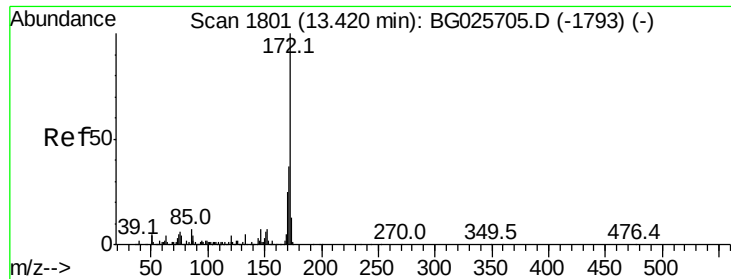


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

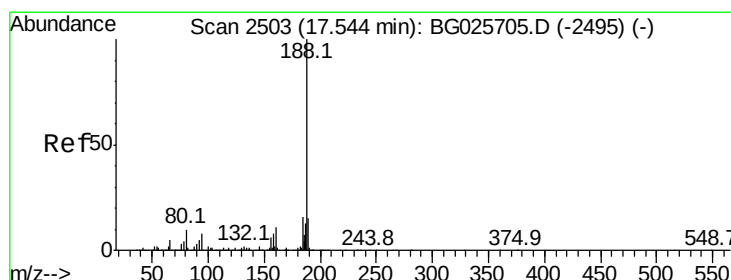
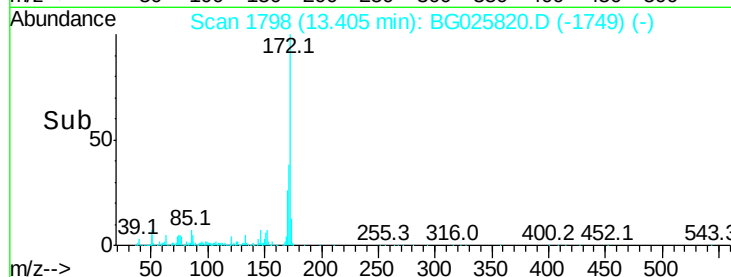
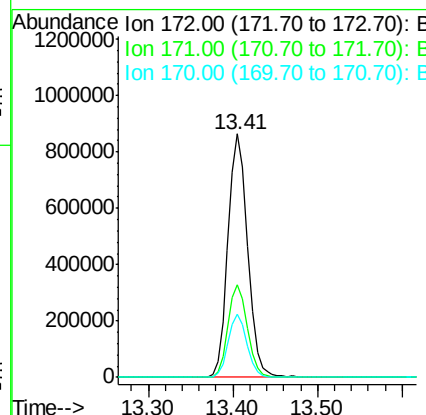
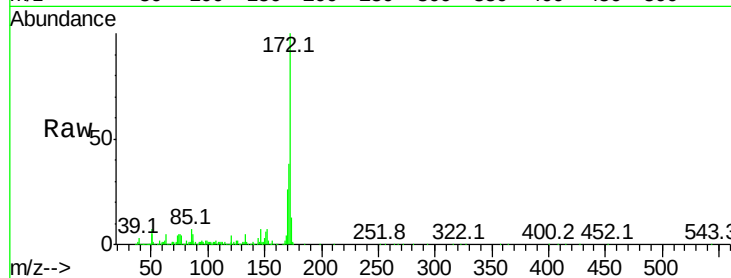




#44
2-Fluorobiphenyl
Concen: 89.12 ng
RT: 13.41 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG025820.D
Acq: 7 Feb 2017 2:39

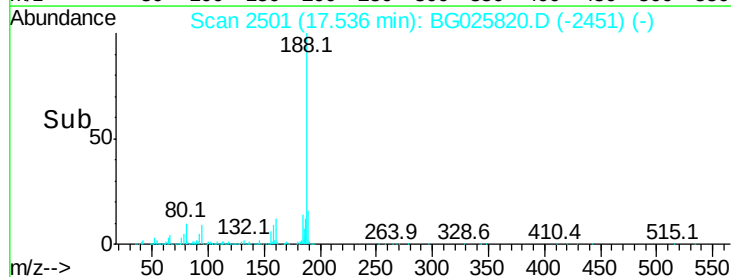
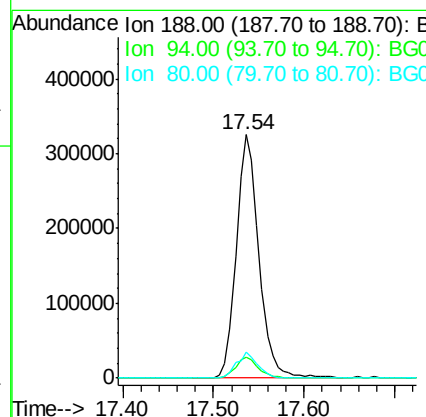
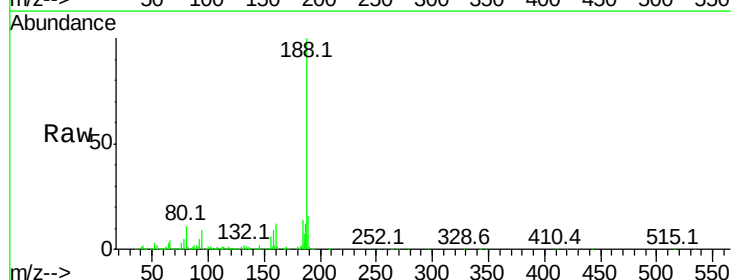
Instrument :
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ClientSampleId :
WC-B20-B22-001

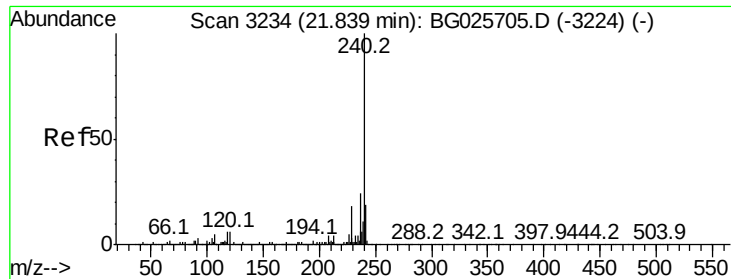
Tot Ion:172 Resp: 1392029
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 26.2 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025820.D
Acq: 7 Feb 2017 2:39

Tgt Ion:188 Resp: 563559
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 10.5 7.5 11.3

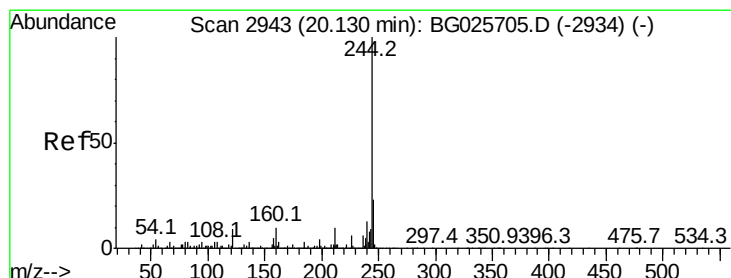
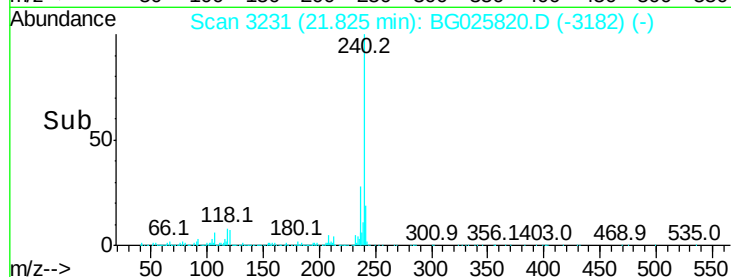
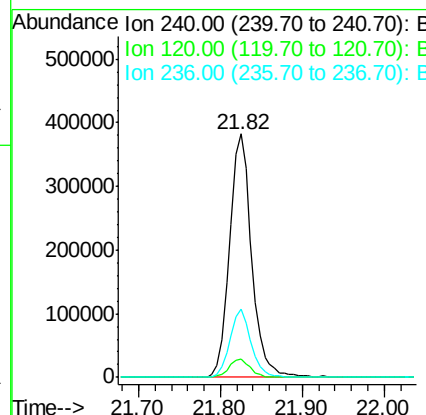
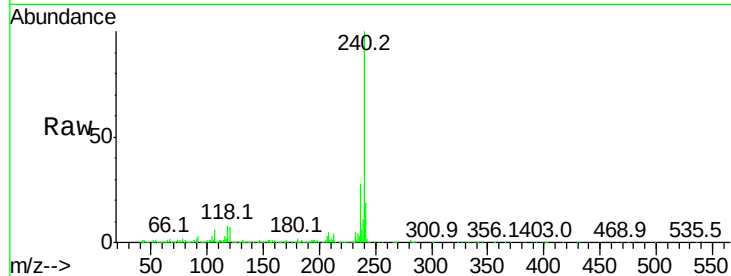




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG025820.D
Acq: 7 Feb 2017 2:39

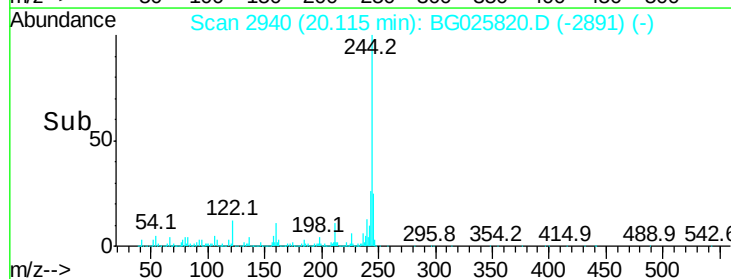
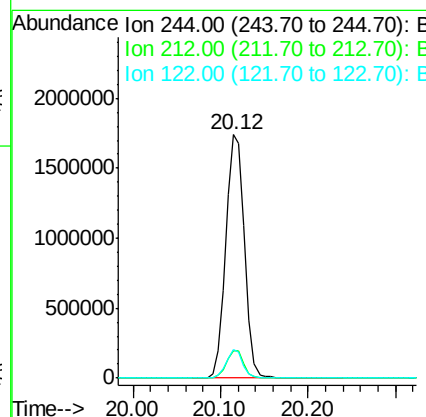
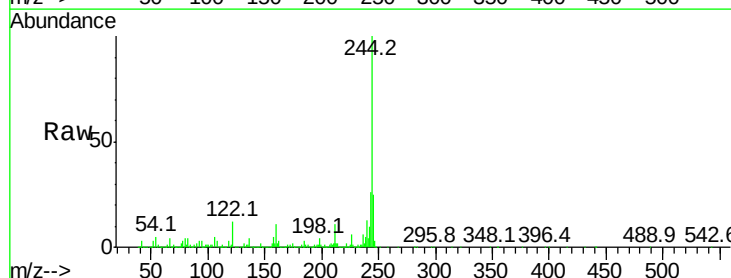
Instrument :
BNA_G
ClientSampleId :
WC-B20-B22-001

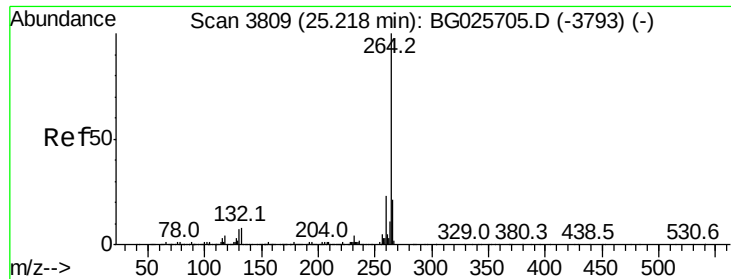
Tot Ion:240 Resp: 718486
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 27.8 22.2 33.4



#78
Terphenyl-d14
Concen: 86.15 ng
RT: 20.12 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG025820.D
Acq: 7 Feb 2017 2:39

Tgt Ion:244 Resp: 2564535
Ion Ratio Lower Upper
244 100
212 11.5 10.0 15.0
122 11.9 8.6 12.8

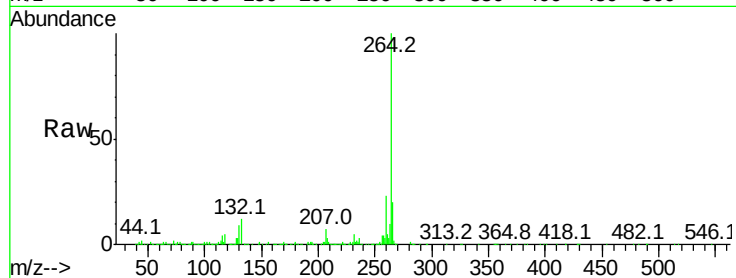




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.19 min Scan# 3804
 Delta R.T. -0.03 min
 Lab File: BG025820.D
 Acq: 7 Feb 2017 2:39

Instrument :
 BNA_G
 ClientSampleId :
 WC-B20-B22-001

Tot Ion:	264	Resp:	680358
Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	19.8	18.2	27.4



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

