

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025787.D
 Acq On : 3 Feb 2017 10:00
 Operator : SJ/MA
 Sample : I1665-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-2532-COMP-0-2FT

Quant Time: Feb 03 12:44:34 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

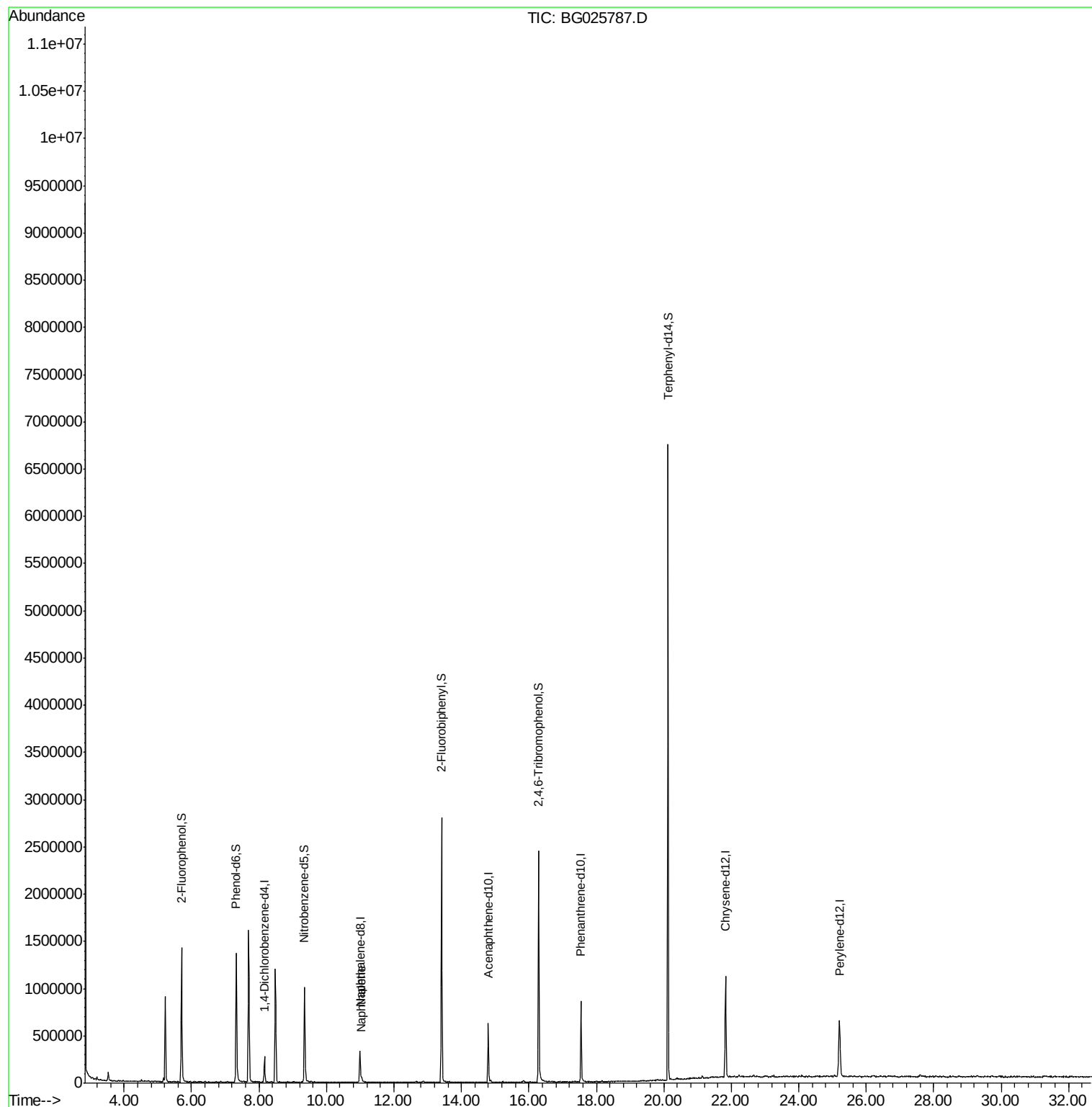
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68743	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	298601	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	230833	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	570557	20.00	ng	0.00
75) Chrysene-d12	21.83	240	706040	20.00	ng	-0.01
86) Perylene-d12	25.20	264	714957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	585142	152.55	ng	0.00
7) Phenol-d6	7.33	99	789770	140.98	ng	0.00
23) Nitrobenzene-d5	9.35	82	682057	96.51	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	494973	150.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1418939	99.83	ng	0.00
78) Terphenyl-d14	20.13	244	2577447	88.11	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	35730	2.30	ng	Qvalue # 94

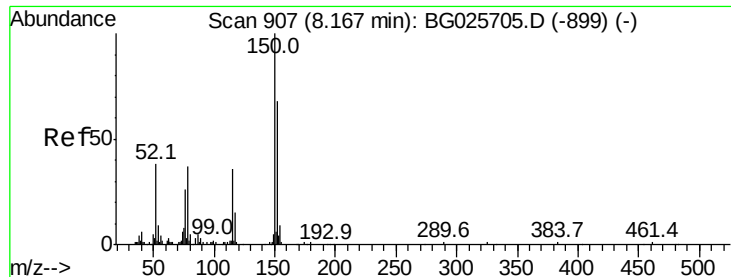
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

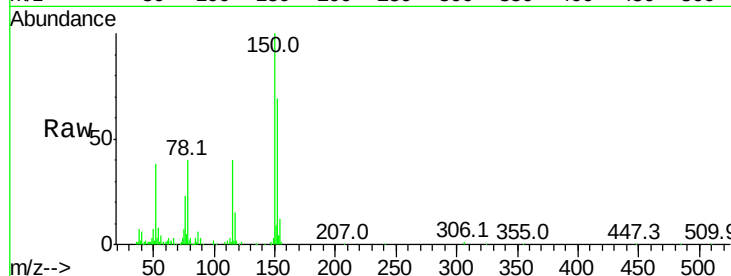
Tot Ion:152 Resp: 68743

Ion Ratio Lower Upper

152 100

150 145.1 114.0 171.0

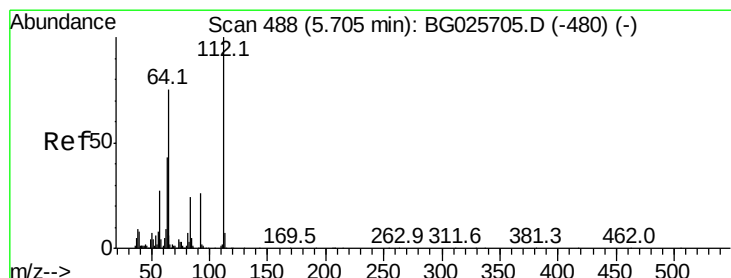
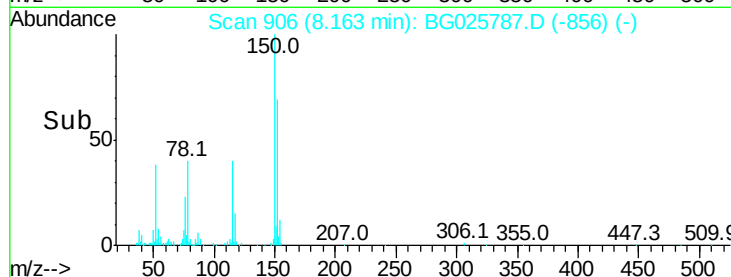
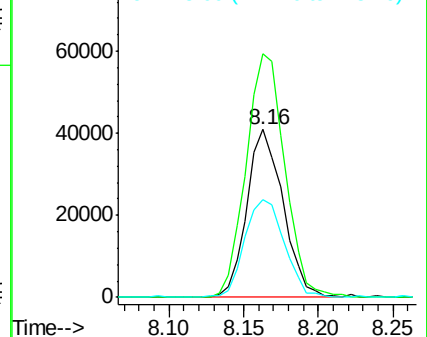
115 58.1 48.1 72.1



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: 152.55 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

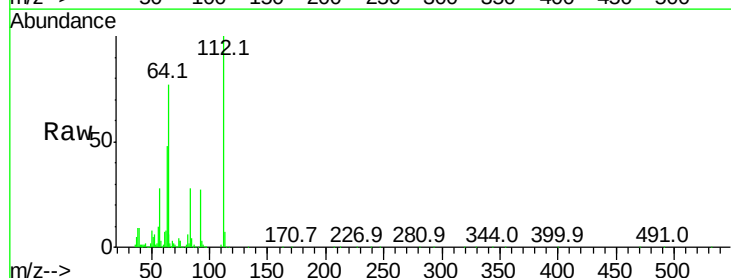
Tgt Ion:112 Resp: 585142

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

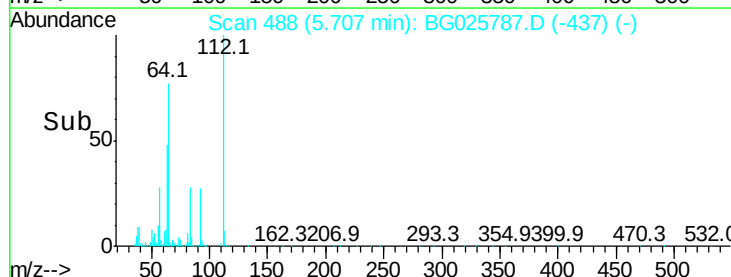
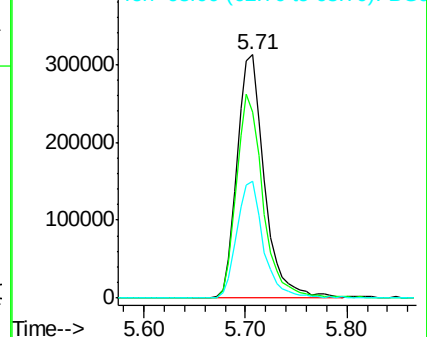
63 48.0 37.2 55.8

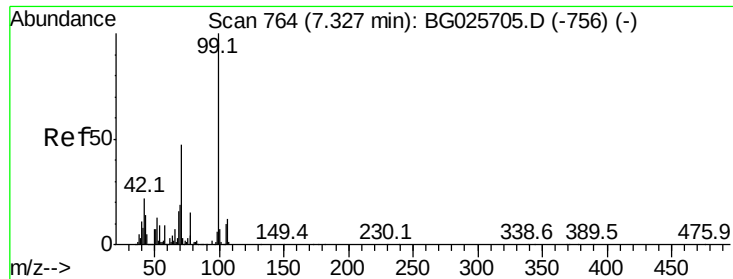


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.98 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

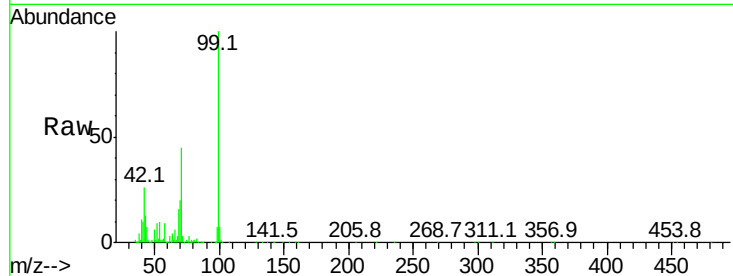
Tot Ion: 99 Resp: 789770

Ion Ratio Lower Upper

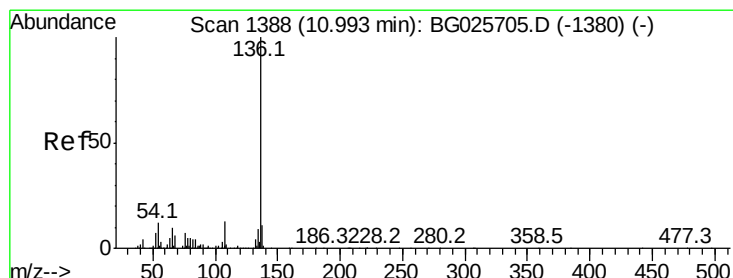
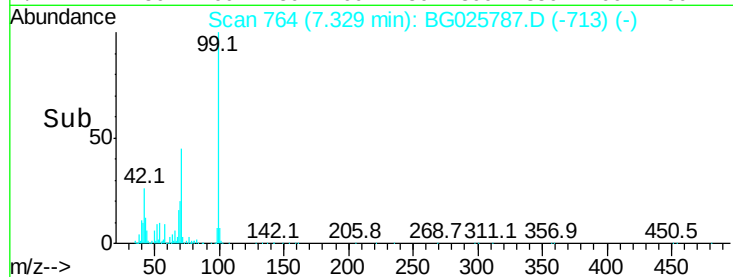
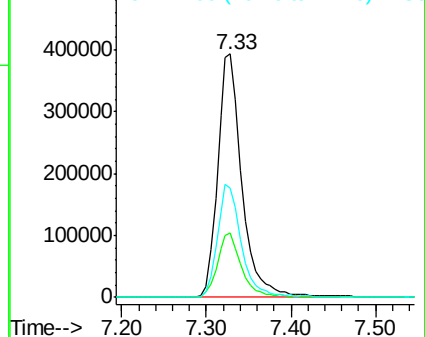
99 100

42 26.3 20.5 30.7

71 45.1 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: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Tgt Ion: 136 Resp: 298601

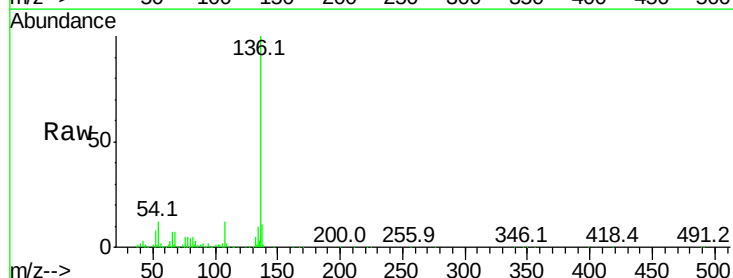
Ion Ratio Lower Upper

136 100

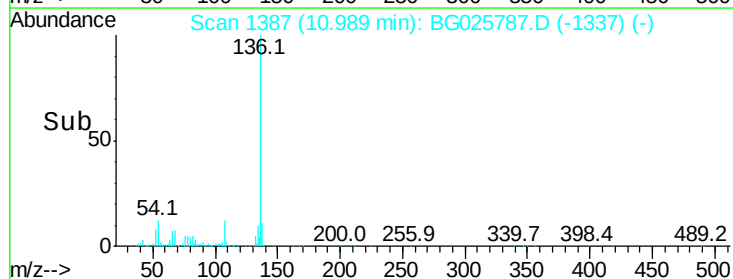
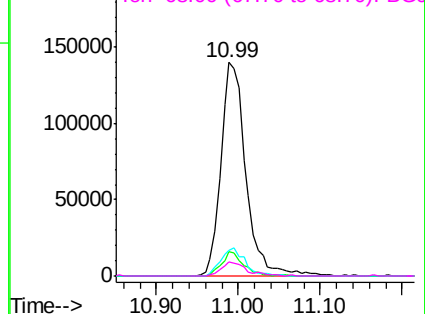
137 11.3 8.9 13.3

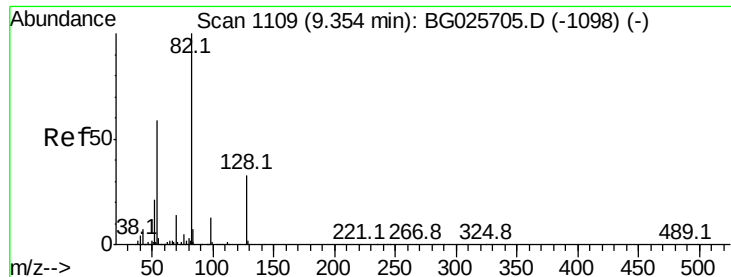
54 11.8 9.3 13.9

68 6.8 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

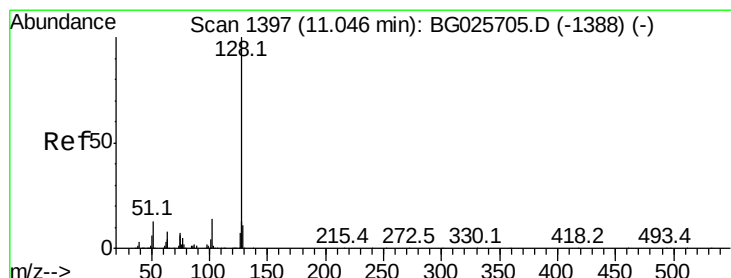
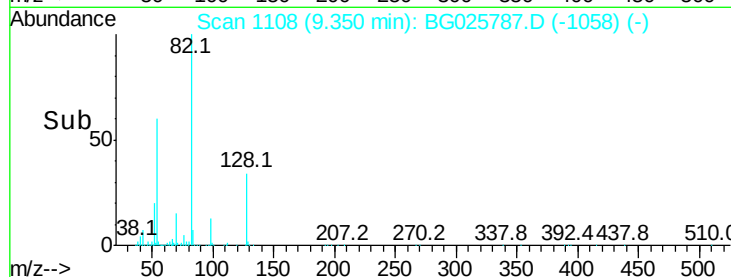
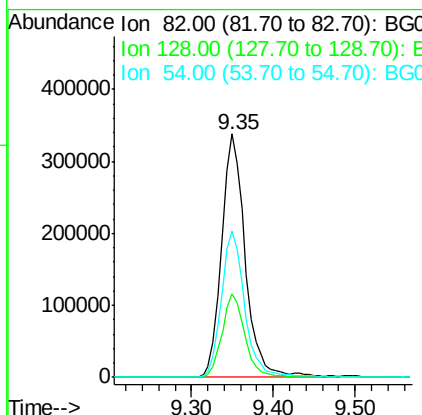
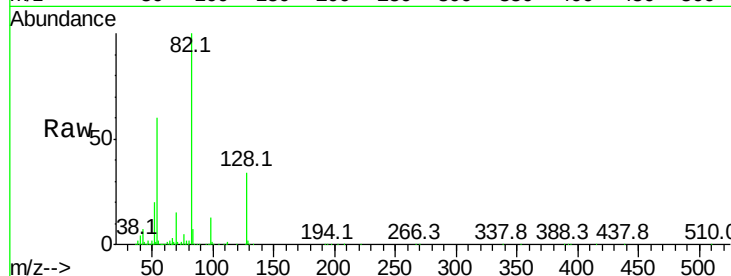




#23
 Nitrobenzene-d5
 Concen: 96.51 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025787.D
 Acq: 3 Feb 2017 10:00

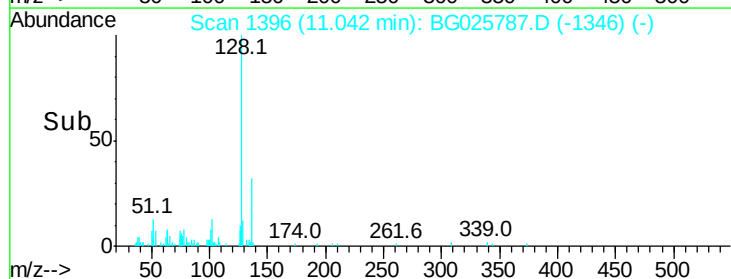
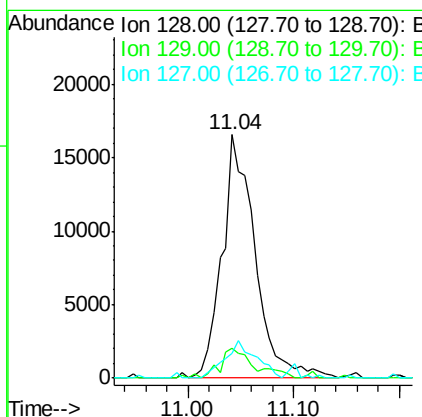
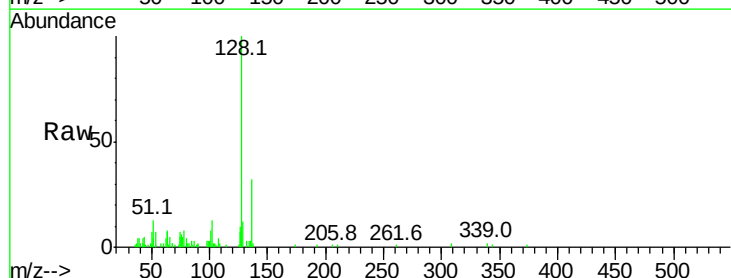
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-2532-COMP-0-2FT

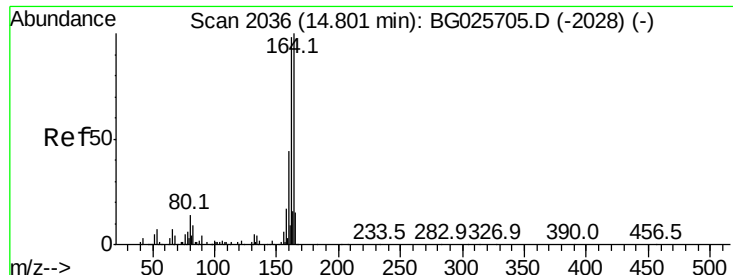
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	60.0	49.4	74.2



#31
 Naphthalene
 Concen: 2.30 ng
 RT: 11.04 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BG025787.D
 Acq: 3 Feb 2017 10:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	10.3	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

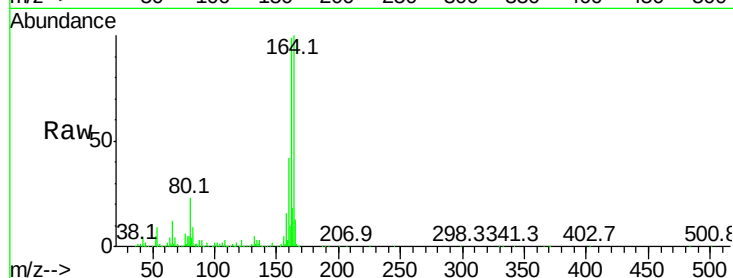
Tot Ion:164 Resp: 230833

Ion Ratio Lower Upper

164 100

162 98.6 85.1 127.7

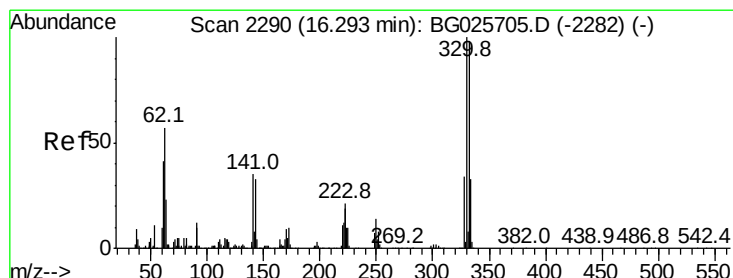
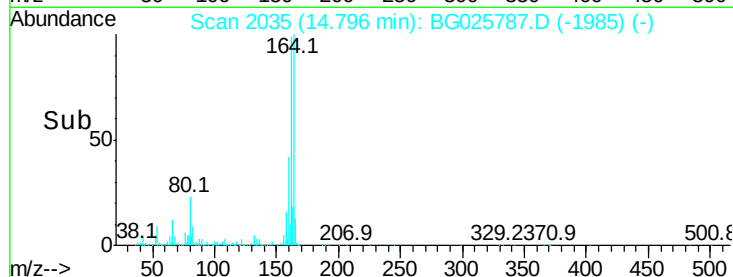
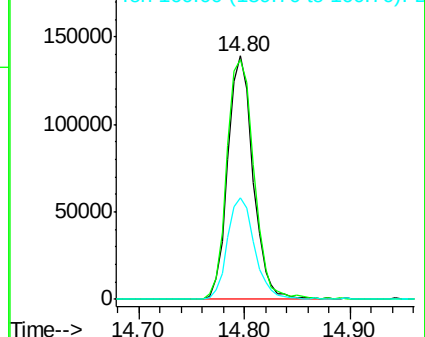
160 41.8 34.7 52.1



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: 150.36 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

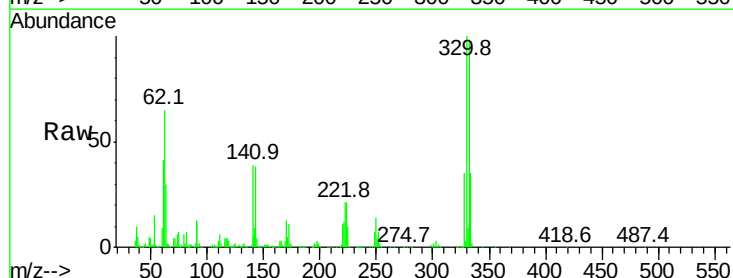
Tgt Ion:330 Resp: 494973

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

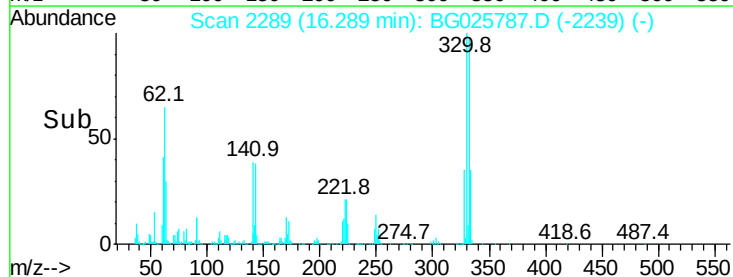
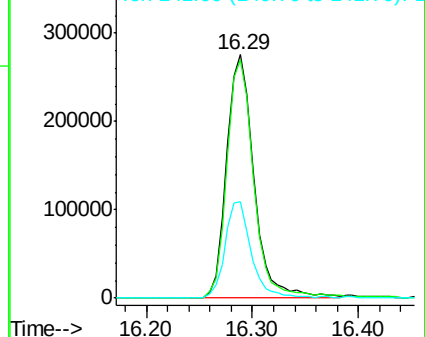
141 38.0 32.1 48.1

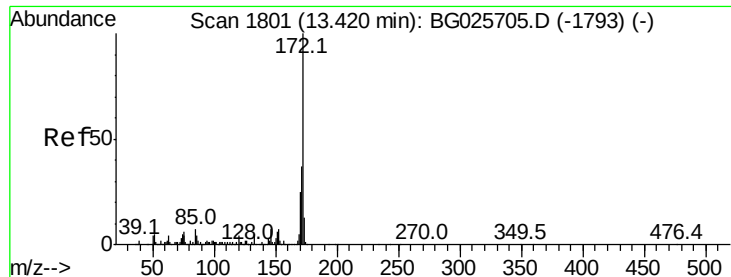


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 99.83 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

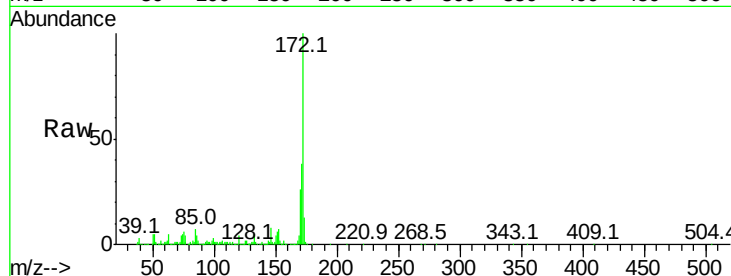
BNA_G

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

Tot Ion:172 Resp: 1418939

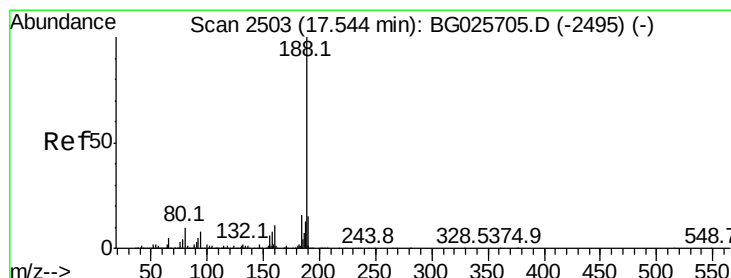
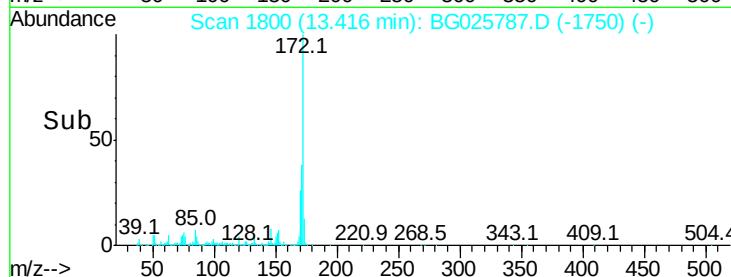
Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	26.0	21.8	32.6



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: 20.00 ng

RT: 17.54 min Scan# 2502

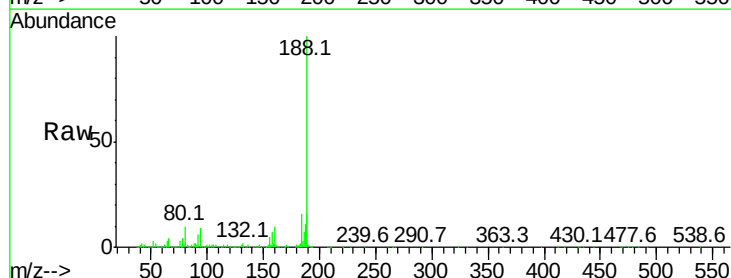
Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

Tgt Ion:188 Resp: 570557

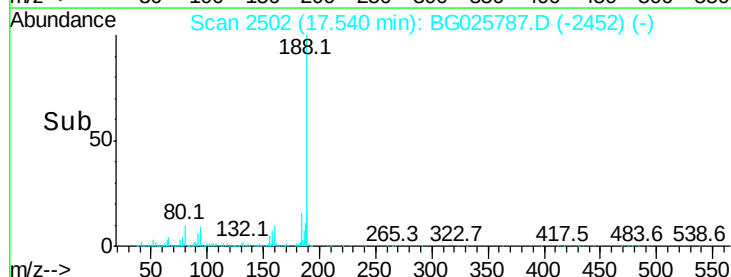
Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.8#
80	10.3	7.5	11.3

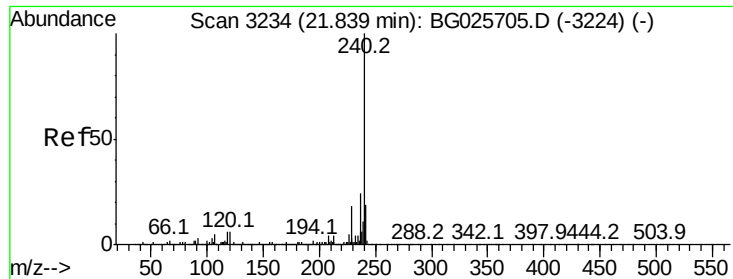


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG025787.D

Acq: 3 Feb 2017 10:00

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-2532-COMP-0-2FT

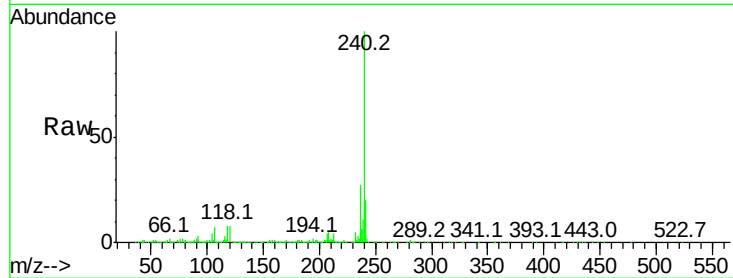
Tot Ion:240 Resp: 706040

Ion Ratio Lower Upper

240 100

120 8.0 5.7 8.5

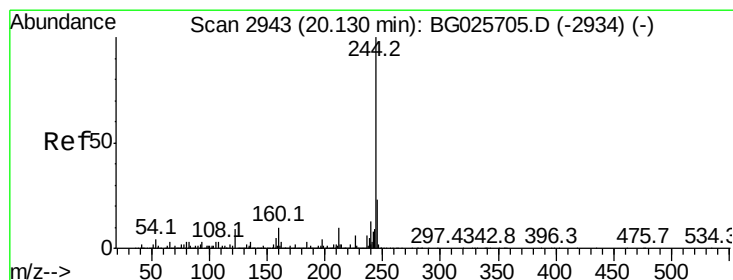
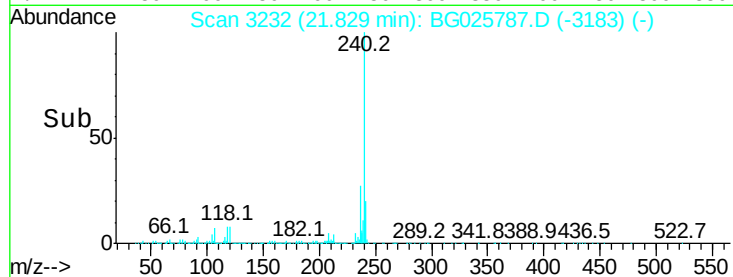
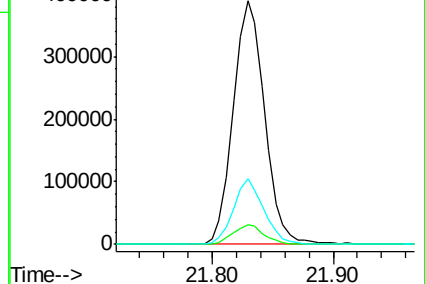
236 27.0 22.2 33.4



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: 88.11 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025787.D

Acq: 3 Feb 2017 10:00

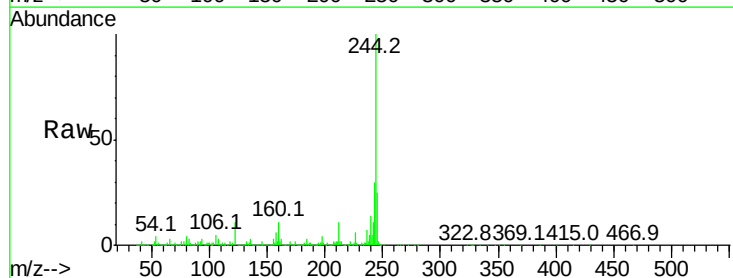
Tgt Ion:244 Resp: 2577447

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

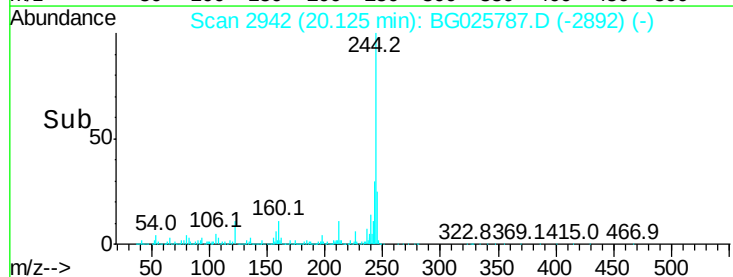
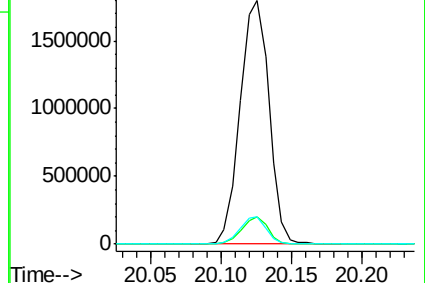
122 11.2 8.6 12.8

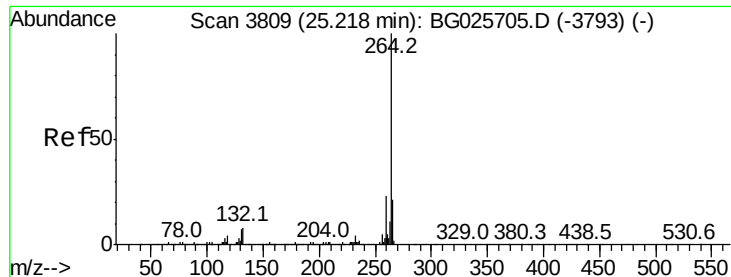


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

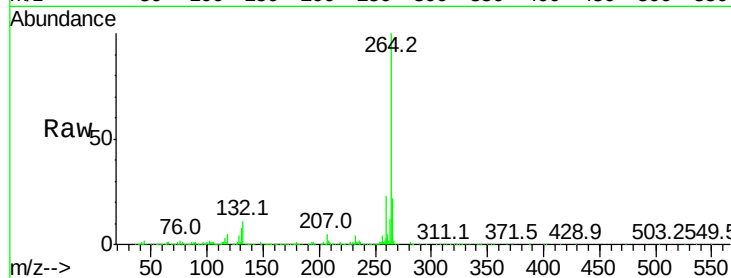




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.02 min
Lab File: BG025787.D
Acq: 3 Feb 2017 10:00

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-2532-COMP-0-2FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.6	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

