

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
 Data File : BG026567.D
 Acq On : 5 Apr 2017 20:49
 Operator : SJ/MA
 Sample : I2538-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCUST-ST-IP(3-5)

Quant Time: Apr 06 01:02:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165305	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	650717	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	365030	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	912080	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1166488	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1130295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1192769	128.07	ng	0.00
7) Phenol-d6	7.21	99	1450683	116.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	851719	78.70	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	680905	162.89	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2278577	87.54	ng	0.00
78) Terphenyl-d14	19.97	244	3480652	72.47	ng	-0.01

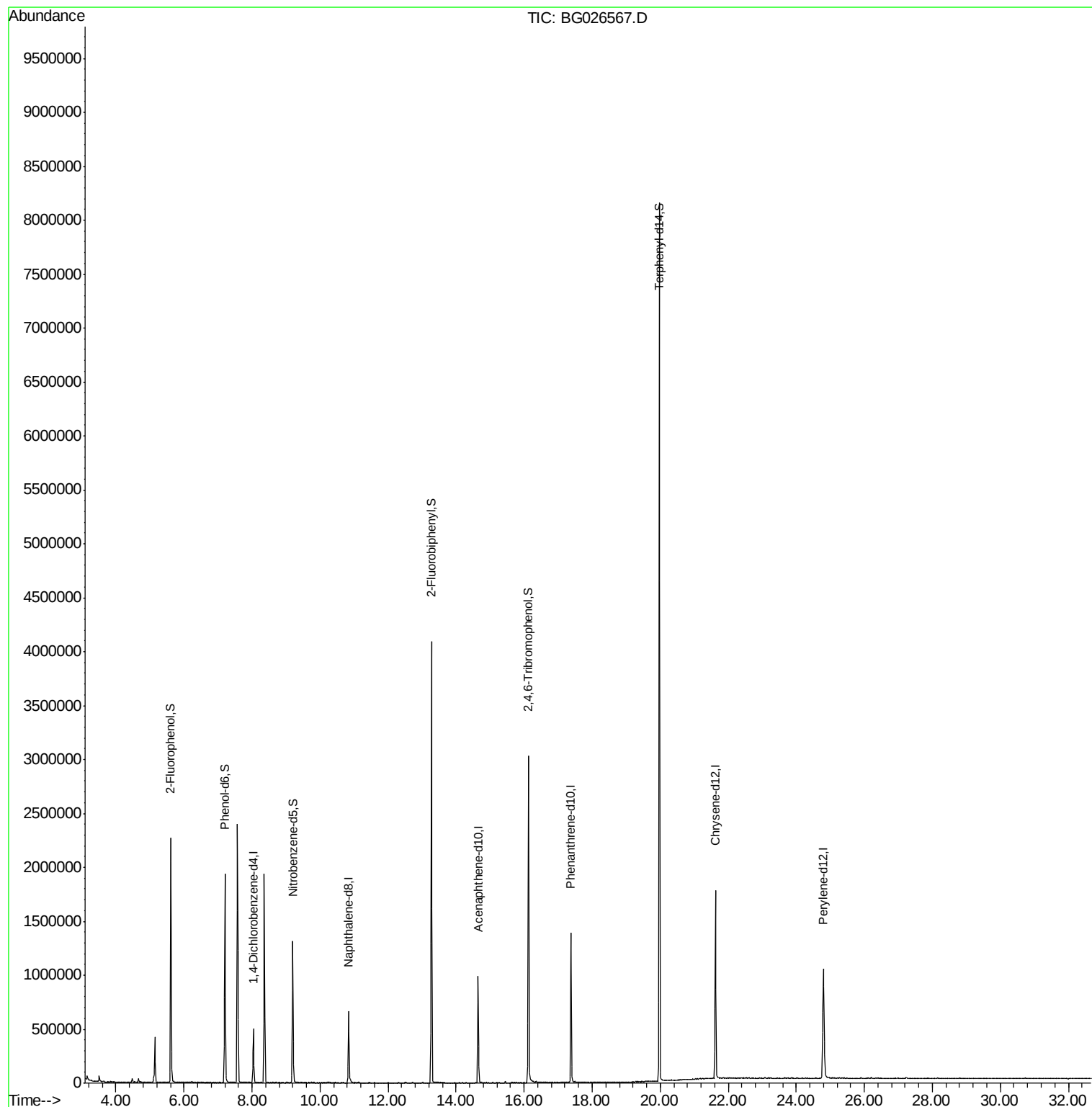
Target Compounds Qvalue

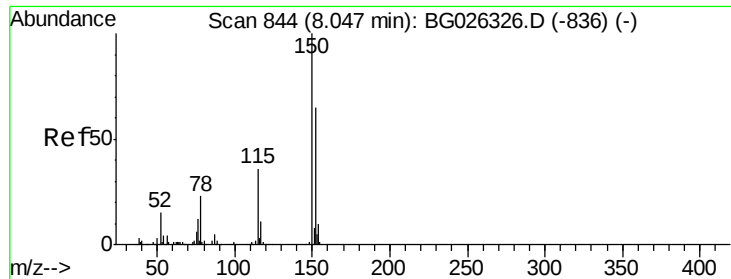
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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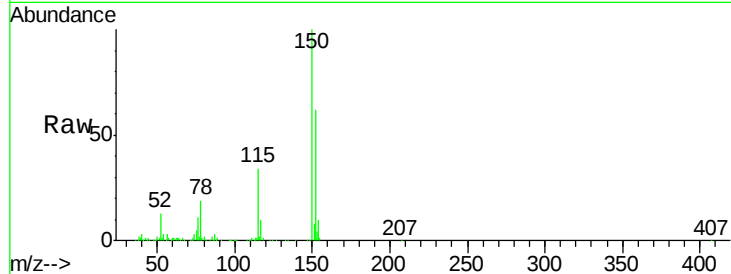


#1

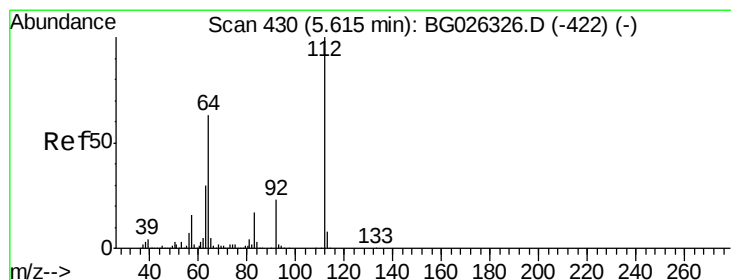
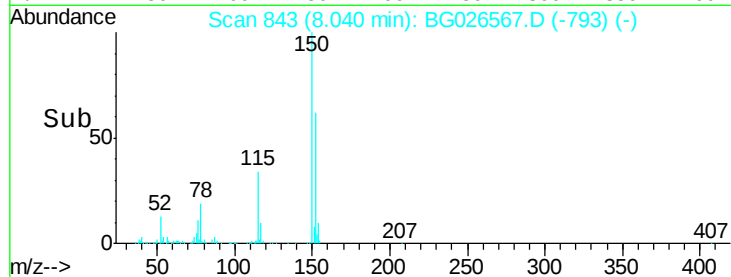
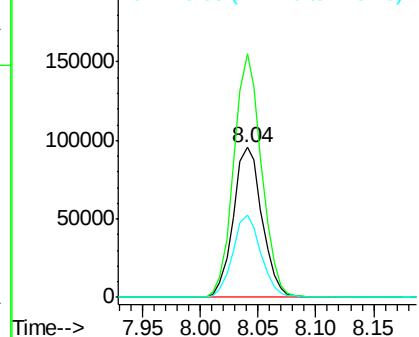
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026567.D
Acq: 5 Apr 2017 20:49

Instrument :
BNA_G
ClientSampleId :
LOCUST-ST-IP(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.5	114.0	171.0
115	54.9	48.1	72.1



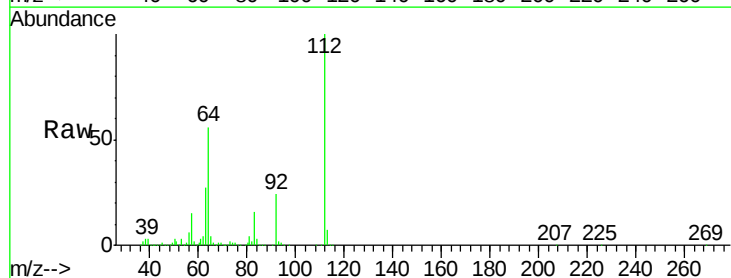
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



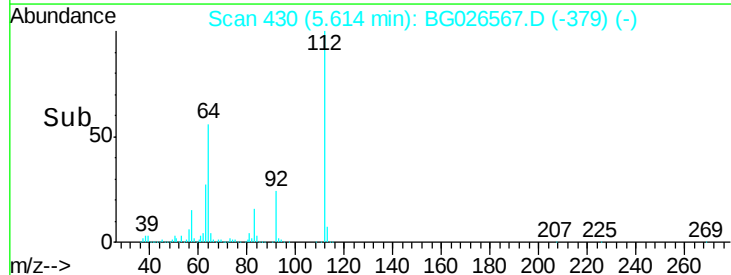
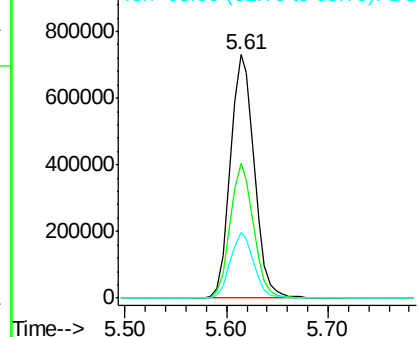
#5

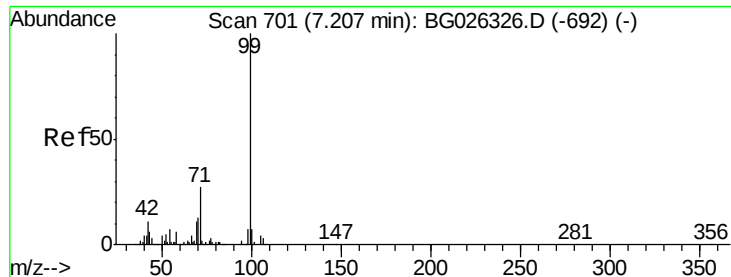
2-Fluorophenol
Concen: 128.07 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026567.D
Acq: 5 Apr 2017 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	61.8	92.6#
63	26.7	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: 116.02 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

Instrument :

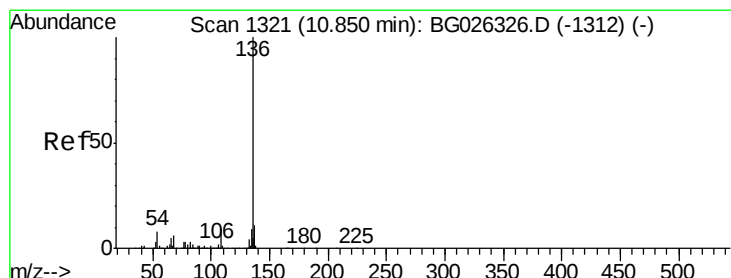
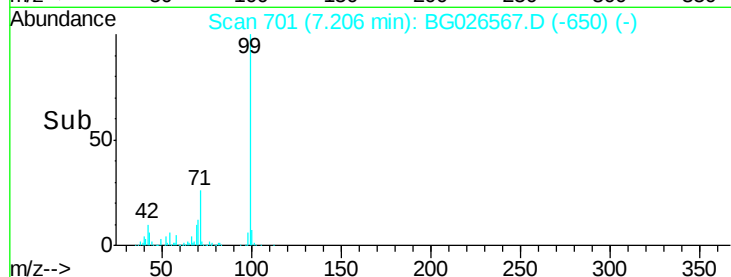
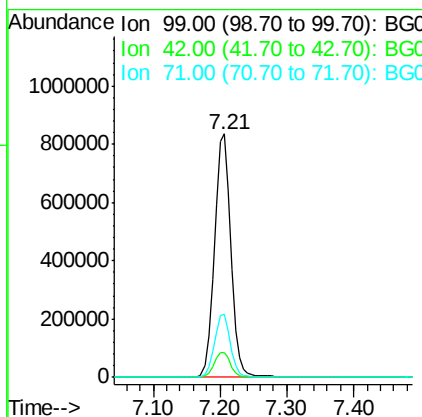
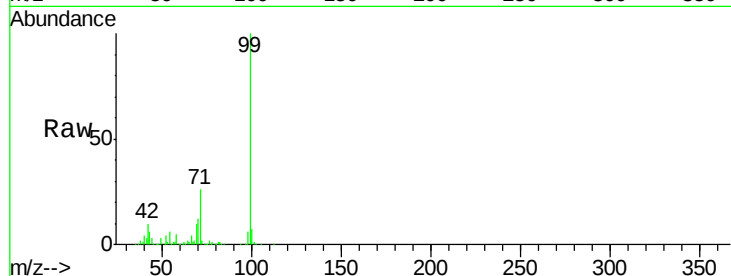
BNA_G

ClientSampleId :

LOCUST-ST-IP(3-5)

Tot Ion: 99 Resp: 1450683

Ion	Ratio	Lower	Upper
99	100		
42	10.1	20.5	30.7#
71	26.1	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

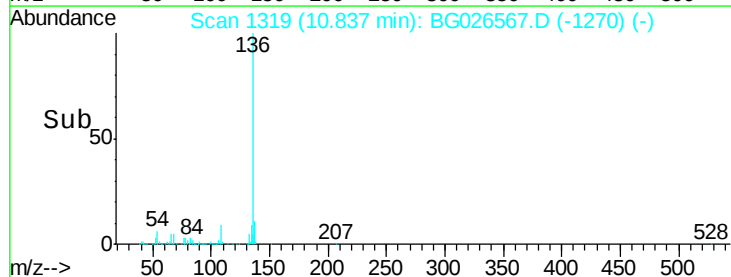
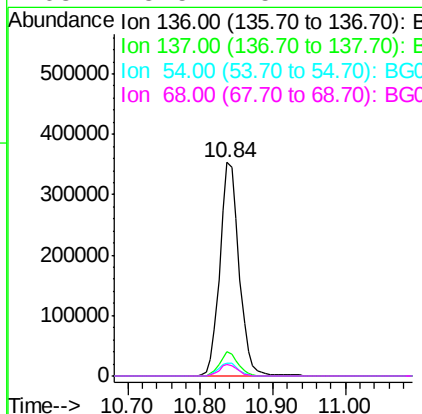
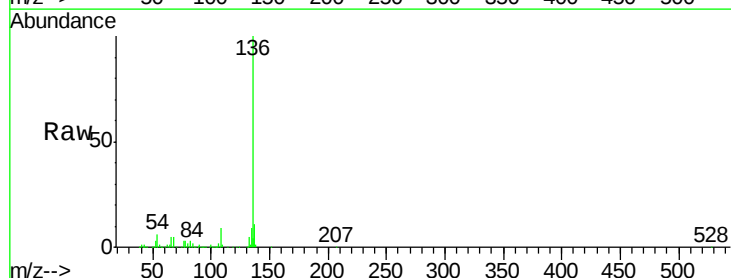
Delta R.T. -0.01 min

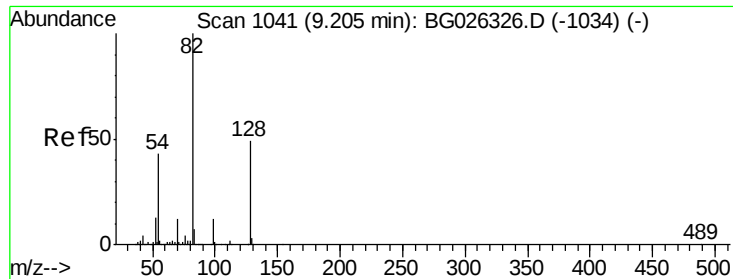
Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

Tgt Ion: 136 Resp: 650717

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	9.3	13.9#
68	5.5	5.1	7.7

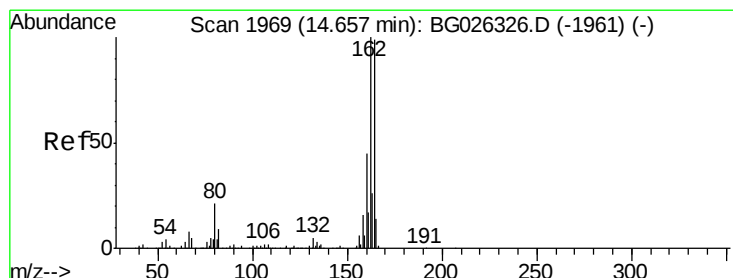
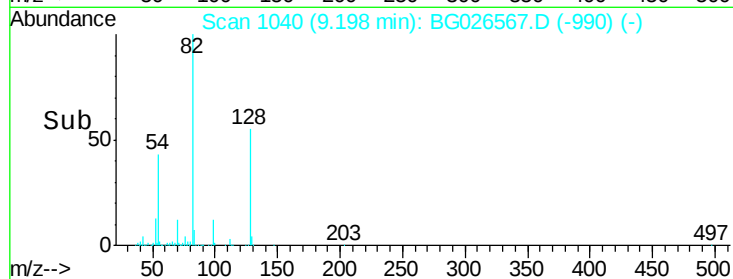
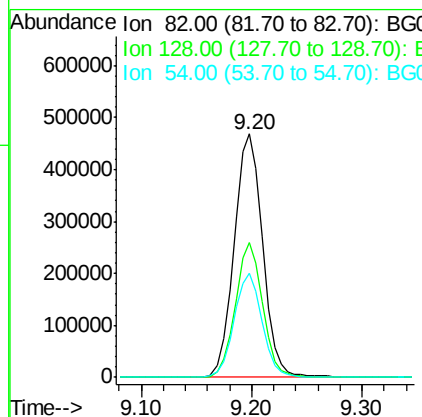
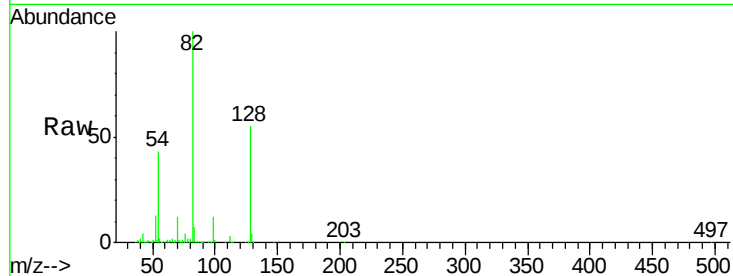




#23
 Nitrobenzene-d5
 Concen: 78.70 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026567.D
 Acq: 5 Apr 2017 20:49

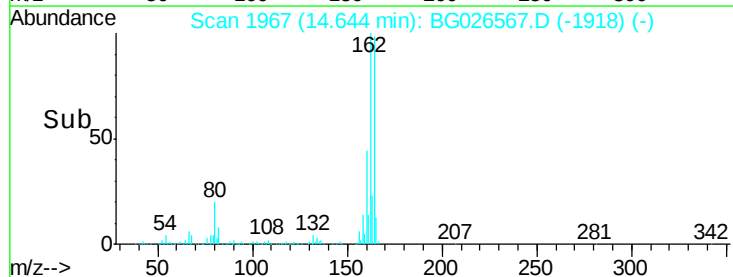
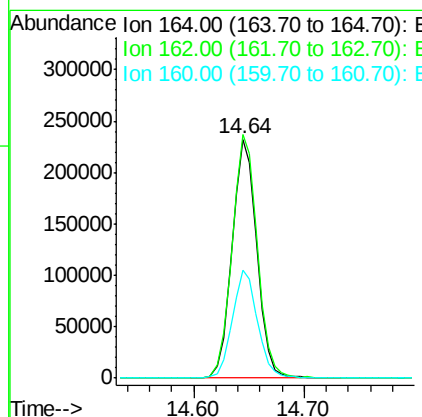
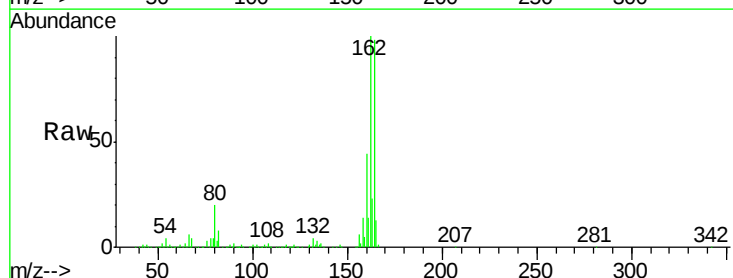
Instrument :
 BNA_G
 ClientSampleId :
 LOCUST-ST-IP(3-5)

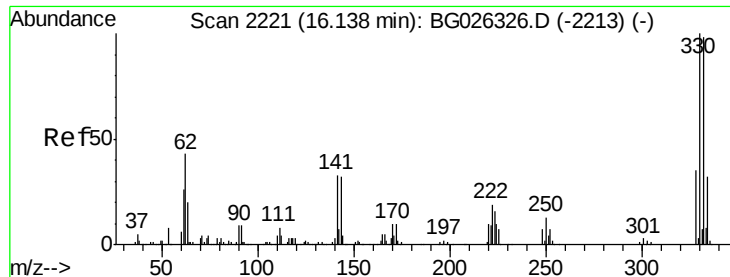
Tot Ion	82	Resp	851719
Ion Ratio	Lower	Upper	
82	100		
128	55.4	26.4	39.6#
54	42.8	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026567.D
 Acq: 5 Apr 2017 20:49

Tgt Ion	164	Resp	365030
Ion Ratio	Lower	Upper	
164	100		
162	102.0	85.1	127.7
160	45.1	34.7	52.1

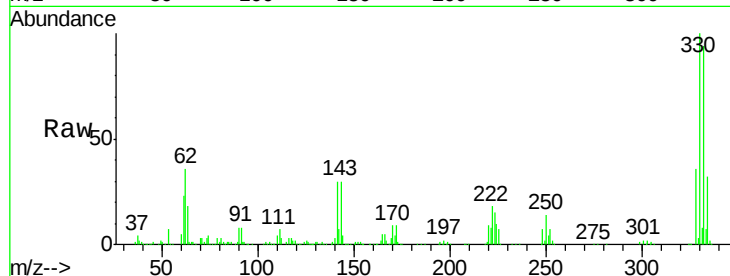




#41
 2,4,6-Tribromophenol
 Concen: 162.89 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026567.D
 Acq: 5 Apr 2017 20:49

Instrument :
 BNA_G
 ClientSampleId :
 LOCUST-ST-IP(3-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	29.7	32.1	48.1#

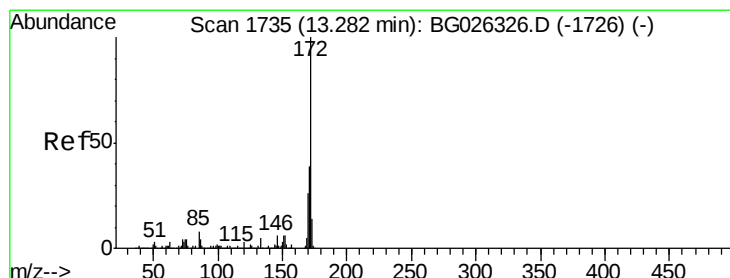
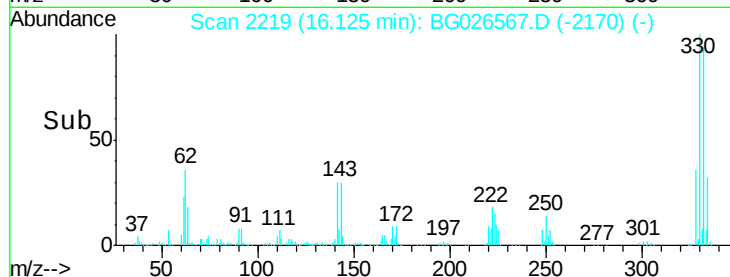
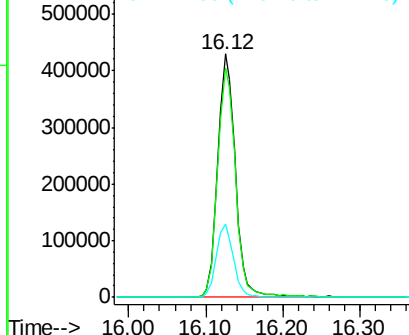


Abundance

Ion 329.80 (329.50 to 330.50): E

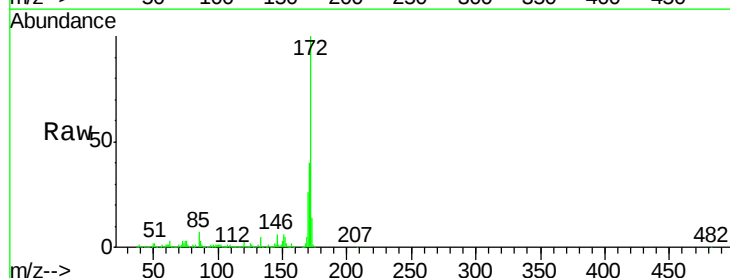
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026567.D
 Acq: 5 Apr 2017 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.2	48.2
170	26.1	21.8	32.6

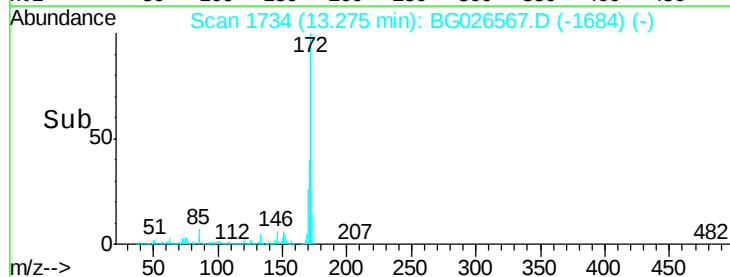
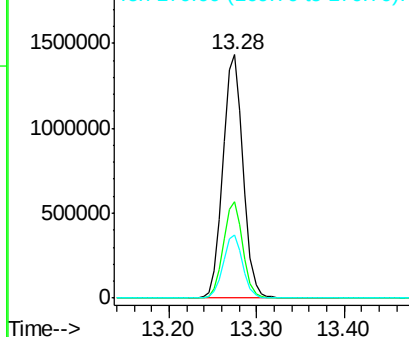


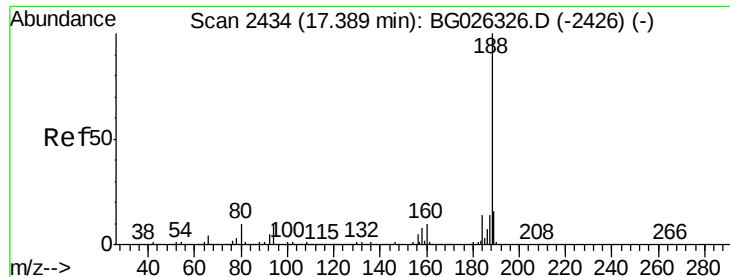
Abundance

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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

LOCUST-ST-IP(3-5)

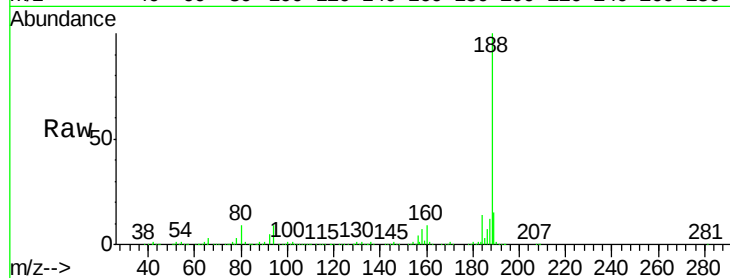
Tot Ion:188 Resp: 912080

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

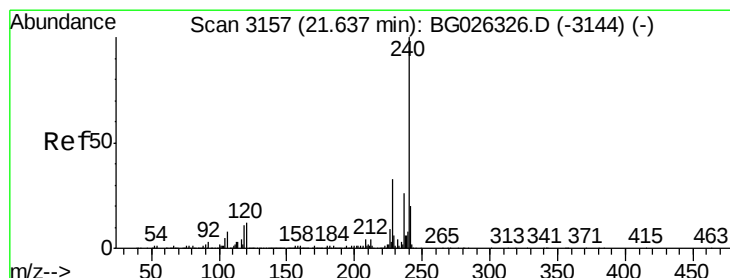
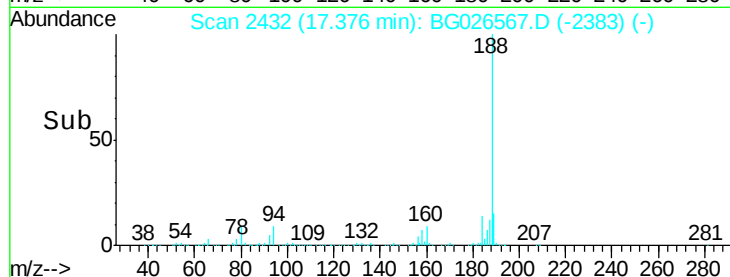
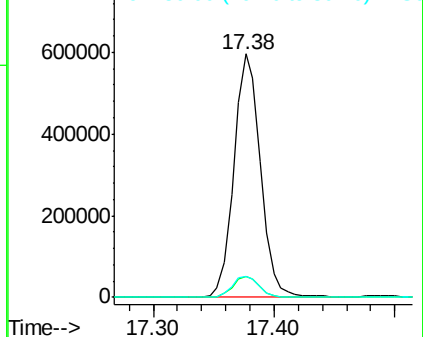
80 8.8 7.5 11.3



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

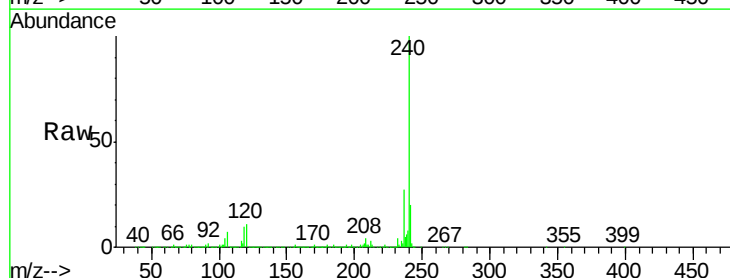
Tgt Ion:240 Resp: 1166488

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

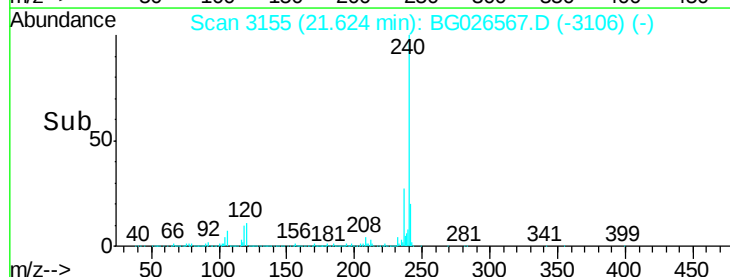
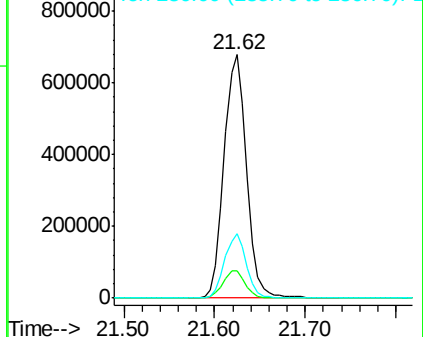
236 26.6 22.2 33.4

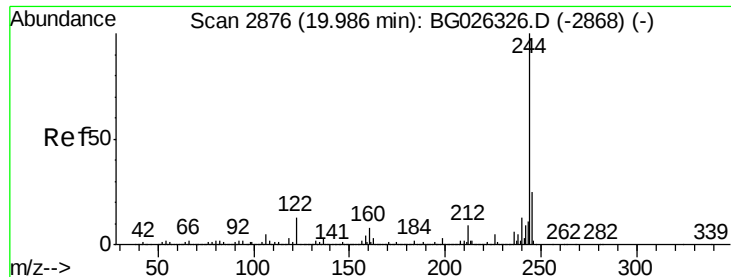


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.47 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

Instrument :

BNA_G

ClientSampleId :

LOCUST-ST-IP(3-5)

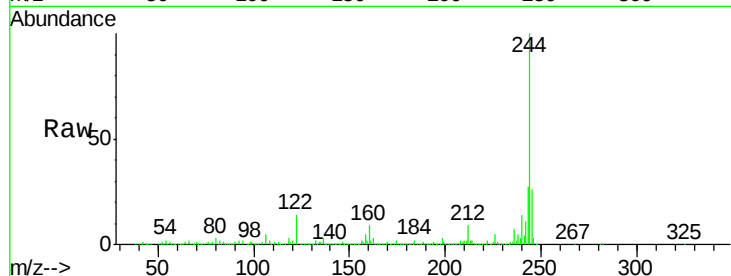
Tot Ion:244 Resp: 3480652

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

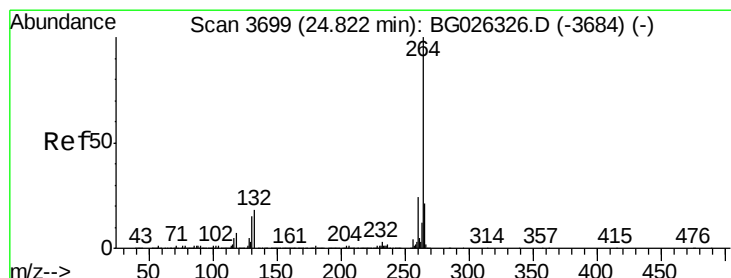
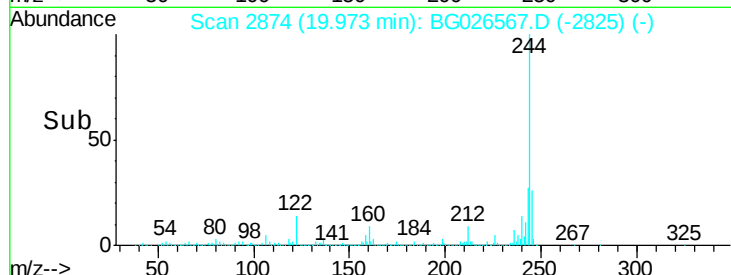
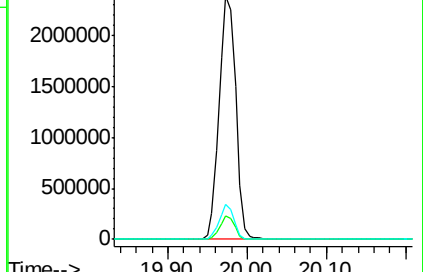
122 14.2 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026567.D

Acq: 5 Apr 2017 20:49

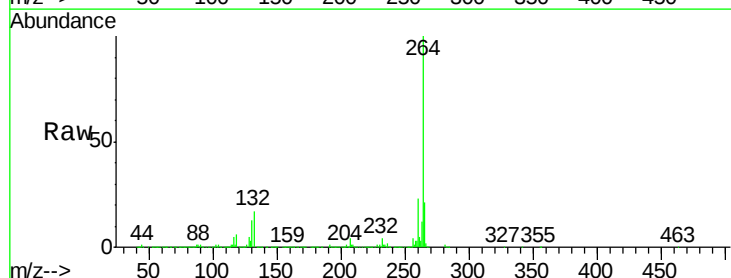
Tgt Ion:264 Resp: 1130295

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.5 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

