

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017002.D
 Acq On : 9 May 2015 22:41
 Operator : TP/IZ
 Sample : G2151-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-6.0

Manual Integrations
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Quant Time: May 11 03:12:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51699	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	231848	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	158251	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	378925	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	371975	20.00	ng	-0.02
86) Perylene-d12	23.64	264	363255	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	379260	127.74	ng	-0.01
7) Phenol-d6	6.96	99	552605	130.27	ng	0.00
23) Nitrobenzene-d5	8.95	82	354139	74.62	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	225114	141.70	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	702411	66.98	ng	-0.02
78) Terphenyl-d14	19.80	244	1147187	72.30	ng	-0.02
Target Compounds						
32) Benzoic acid	9.81	122	5121m	3.24	ng	Qvalue
49) Dimethylphthalate	13.88	163	57310	4.85	ng	# 97

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

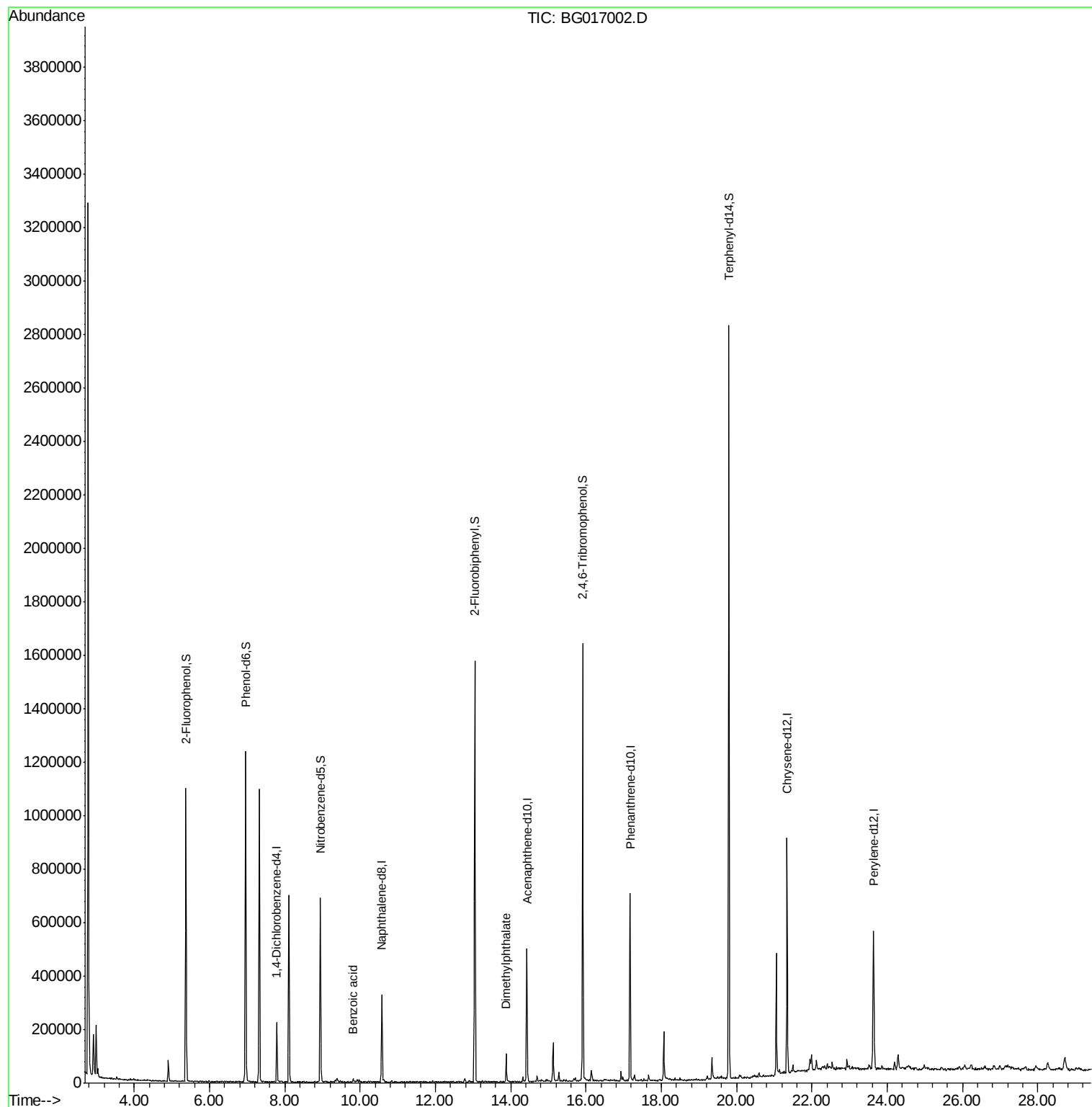
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017002.D
Acq On : 9 May 2015 22:41
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Misc :
ALS Vial : 47 Sample Multiplier: 1

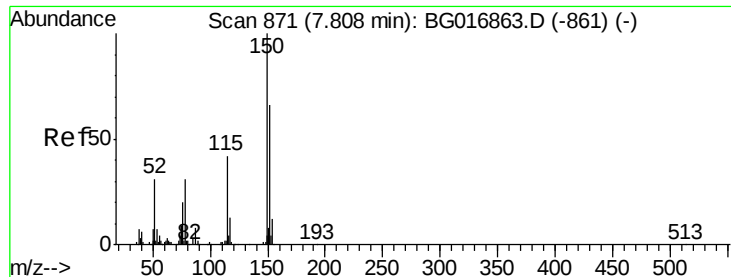
Instrument :
BNA_G
ClientSampleId :
TU021-SB-11-6.0

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

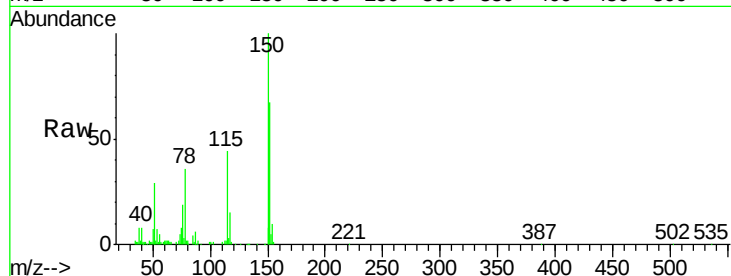
ClientSampleId :

TU021-SB-11-6.0

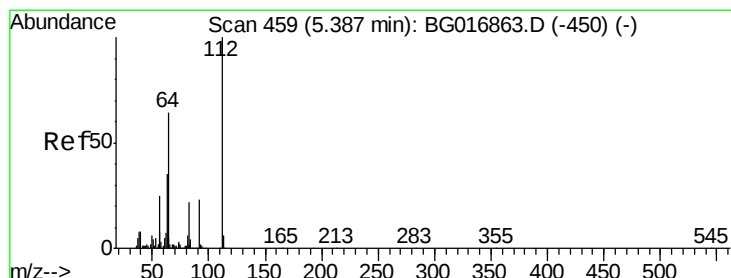
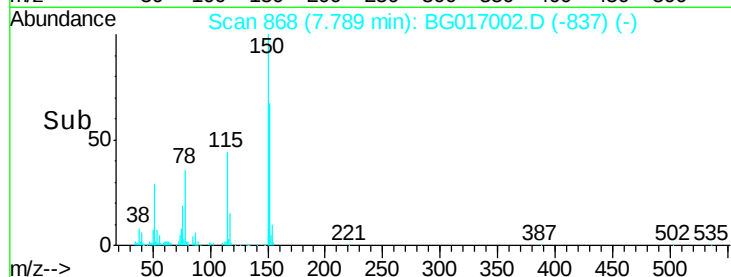
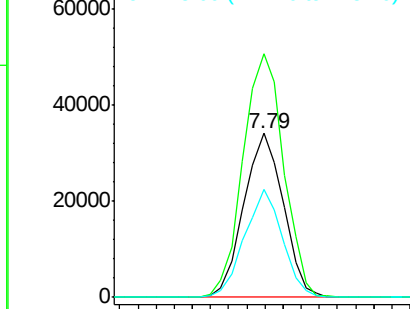
Tgt Ion:	152	Resp:	51699
Ion Ratio	Lower	Upper	
152	100		
150	148.5	121.0	181.4
115	65.8	50.5	75.7

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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: 127.74 ng

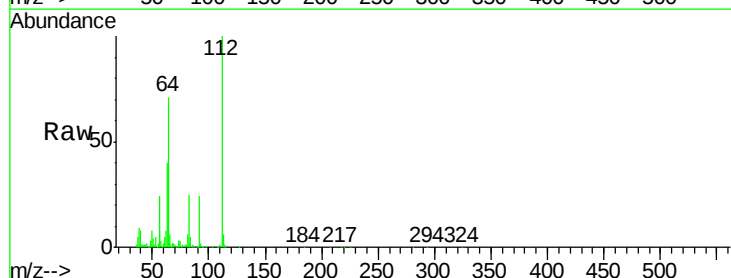
RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

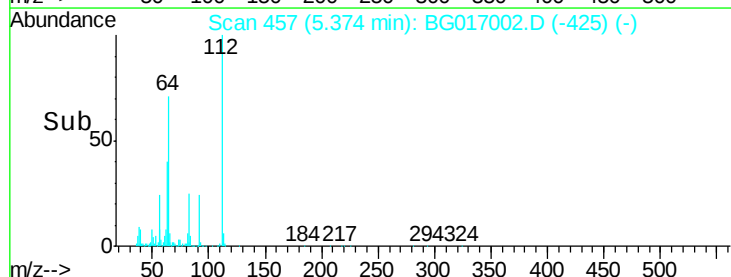
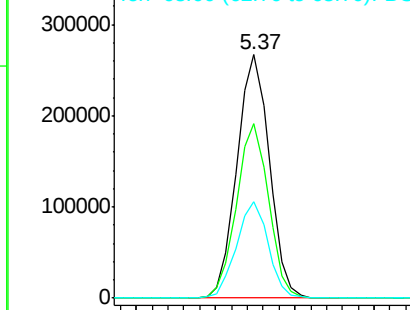
Lab File: BG017002.D

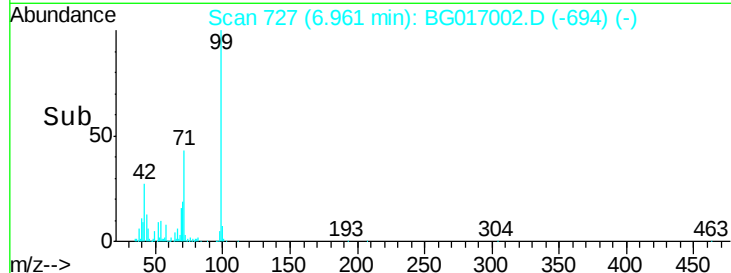
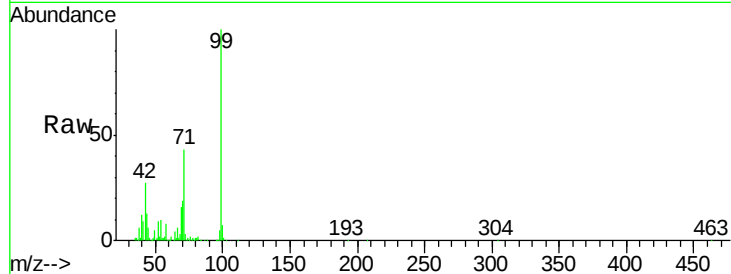
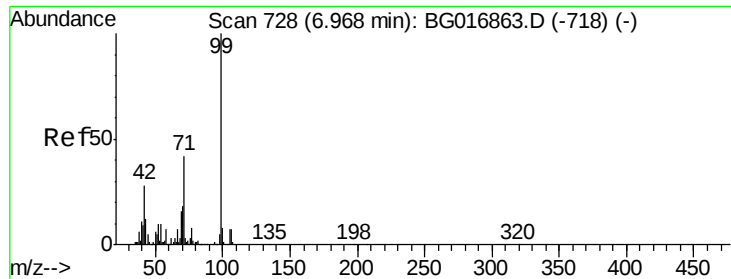
Acq: 9 May 2015 22:41

Tgt Ion:	112	Resp:	379260
Ion Ratio	Lower	Upper	
112	100		
64	71.5	51.4	77.2
63	39.5	28.1	42.1



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: 130.27 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	552605		
42	26.8	22.1	33.1	
71	42.9	33.4	50.0	

Instrument :

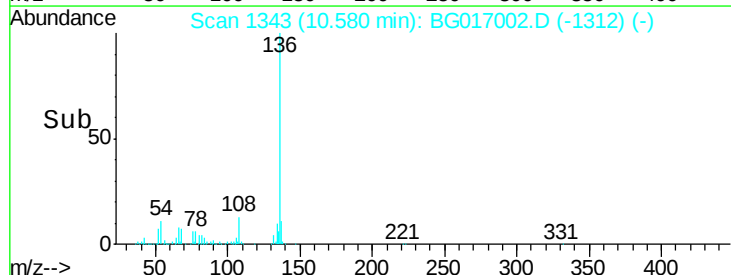
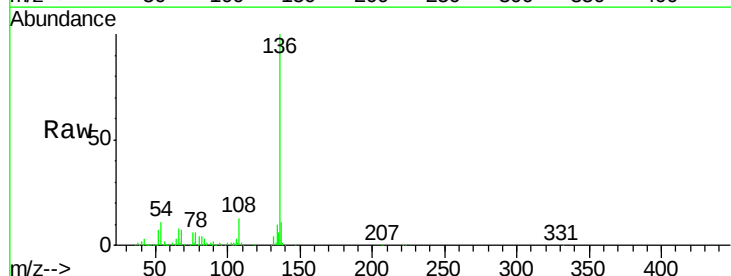
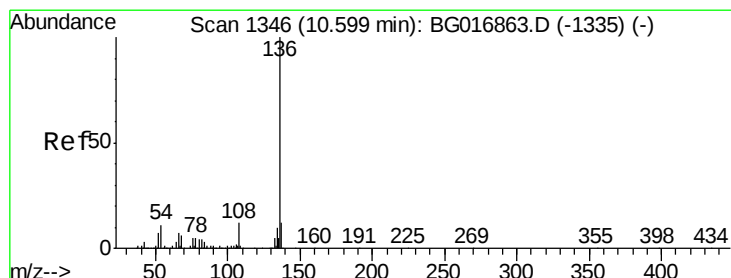
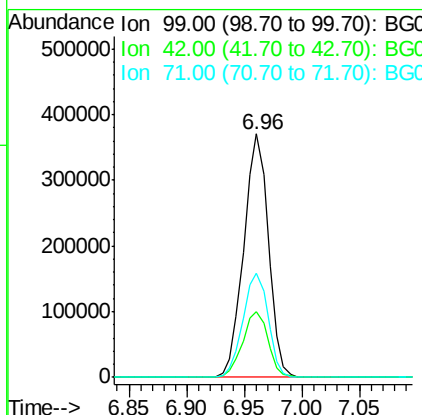
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#21

Naphthalene-d8

Concen: 20.00 ng

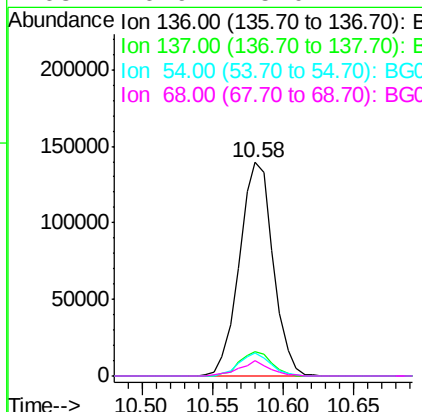
RT: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	231848		
137	11.5	9.8	14.8	
54	10.6	8.7	13.1	
68	6.9	5.0	7.4	





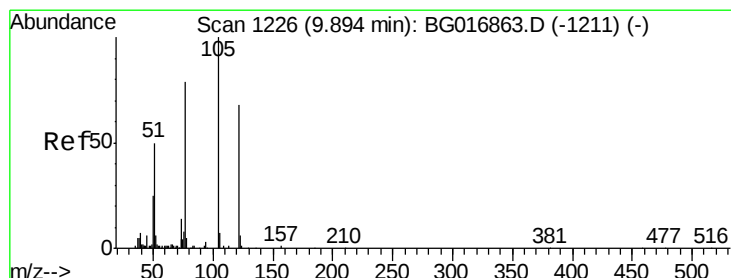
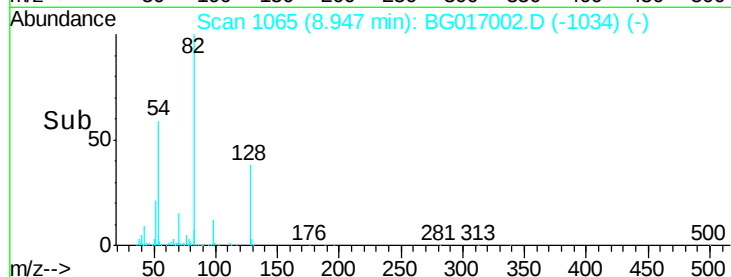
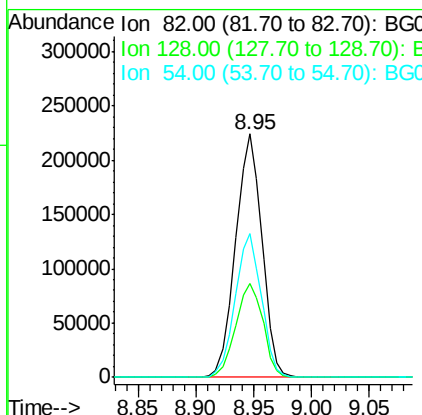
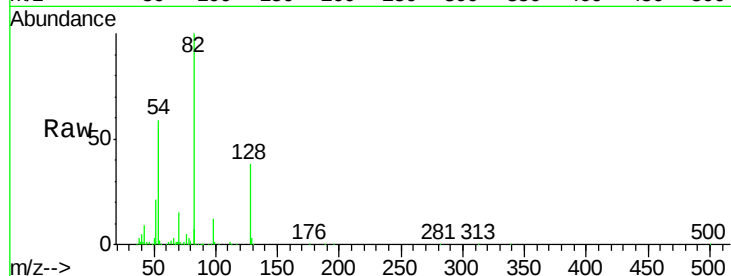
#23
Nitrobenzene-d5
Concen: 74.62 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017002.D
Acq: 9 May 2015 22:41

Instrument :
BNA_G
ClientSampleId :
TU021-SB-11-6.0

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	354139		
128	38.5	33.2	49.8	
54	59.1	48.6	72.8	

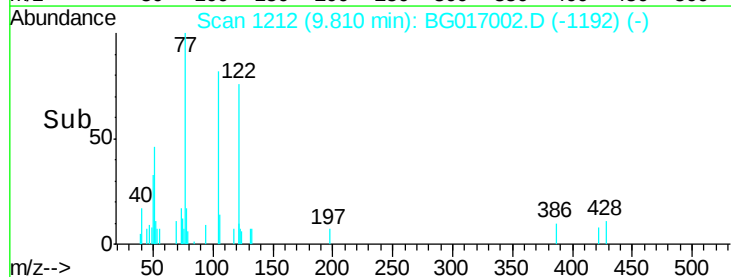
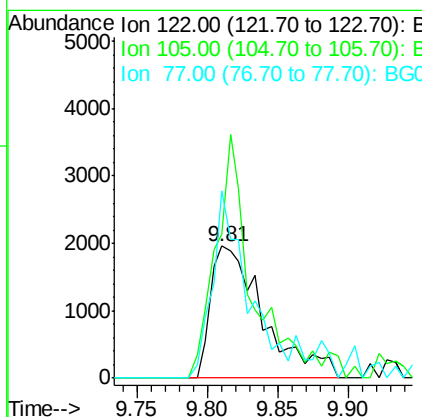
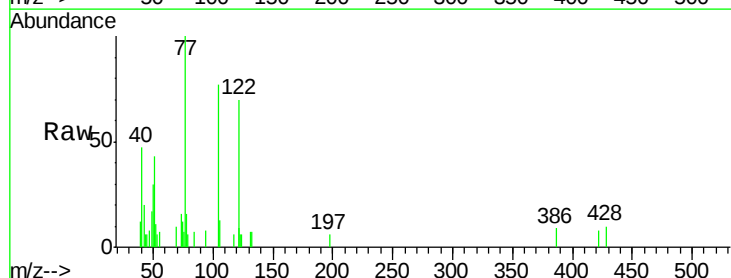
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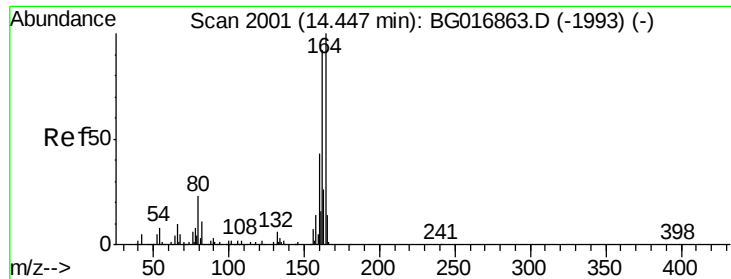
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#32
Benzoic acid
Concen: 3.24 ng m
RT: 9.81 min Scan# 1212
Delta R.T. -0.08 min
Lab File: BG017002.D
Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5121		
105	109.2	123.2	163.2#	
77	142.4	93.0	133.0#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017002.D

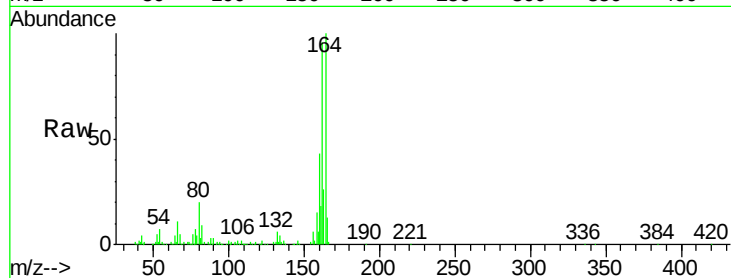
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Instrument :

BNA_G

ClientSampleId :

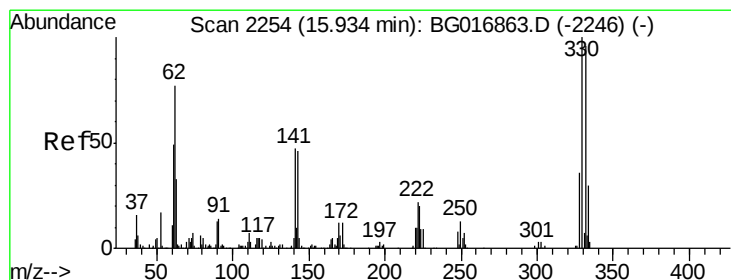
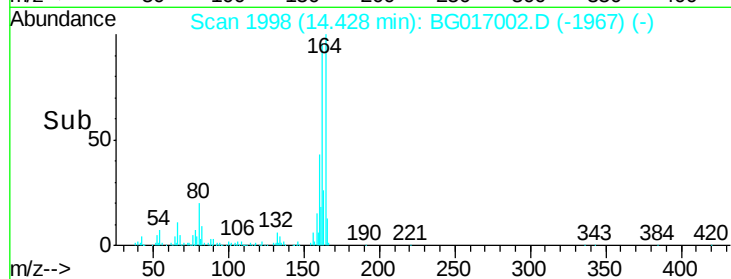
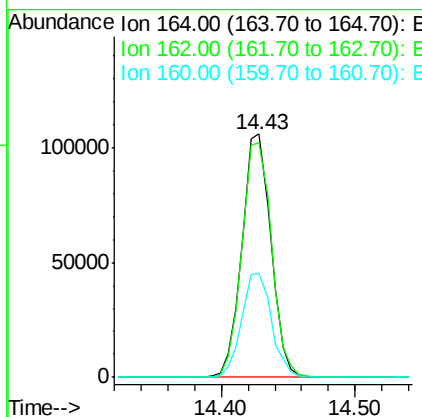
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158251		
162	96.2	74.0	111.0	
160	42.9	34.7	52.1	

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#41

2,4,6-Tribromophenol

Concen: 141.70 ng

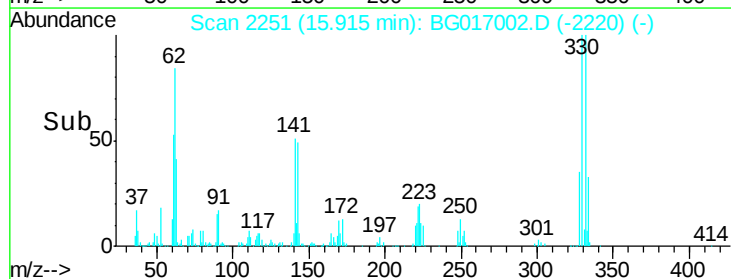
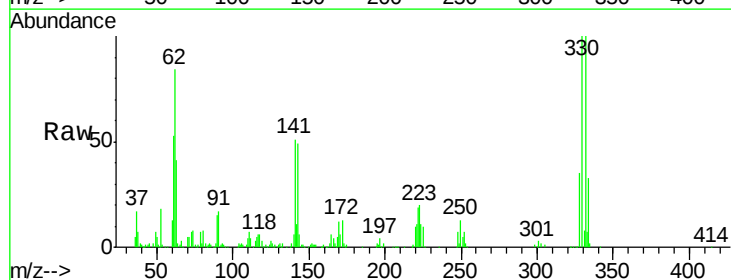
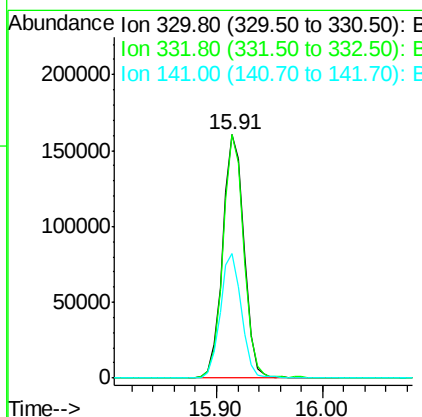
RT: 15.91 min Scan# 2251

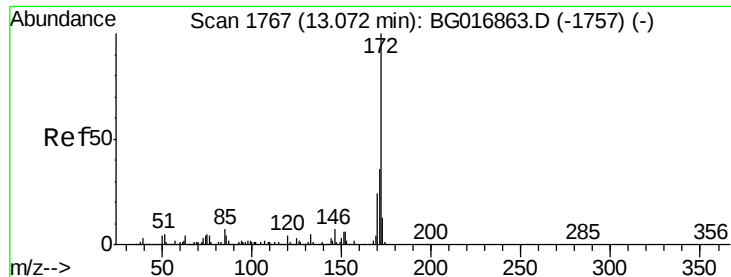
Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	225114		
332	96.9	0.0	0.0#	
141	51.3	0.0	0.0#	





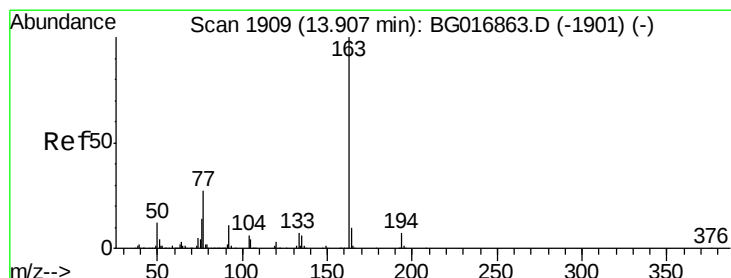
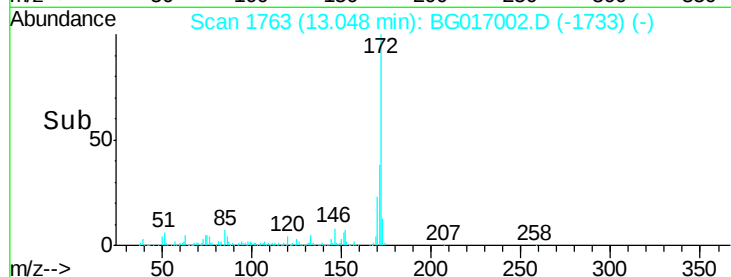
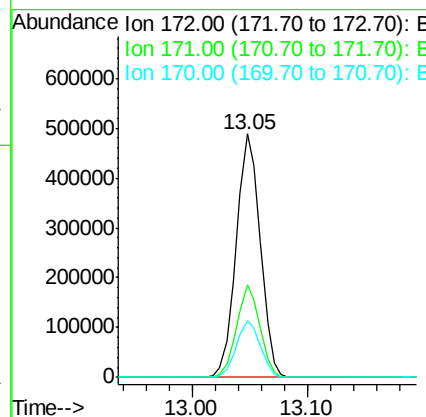
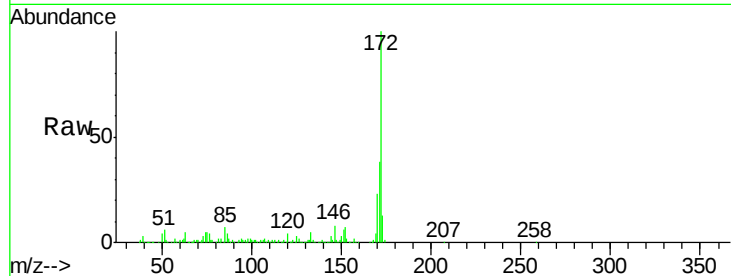
#44
2-Fluorobiphenyl
Concen: 66.98 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BG017002.D
Acq: 9 May 2015 22:41

Instrument :
BNA_G
ClientSampleId :
TU021-SB-11-6.0

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	702411		
171	37.9	29.0	43.4	
170	23.2	19.0	28.4	

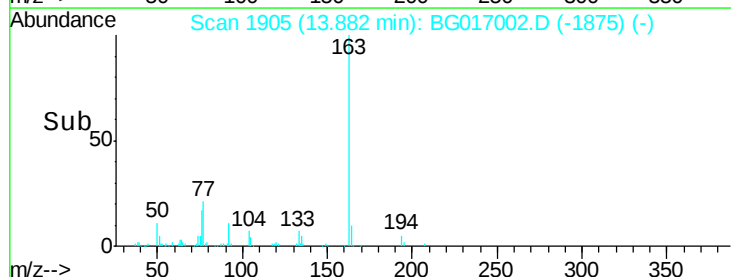
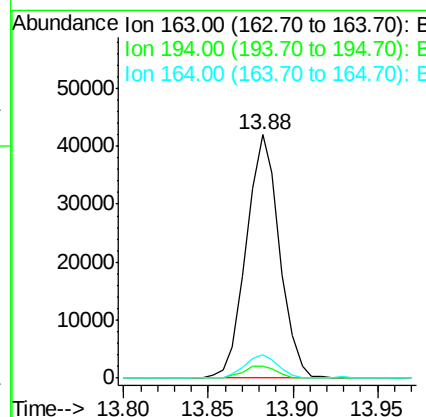
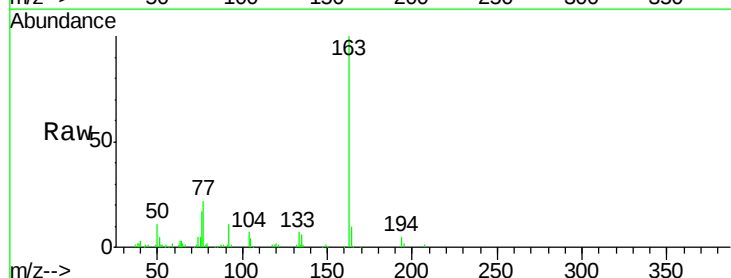
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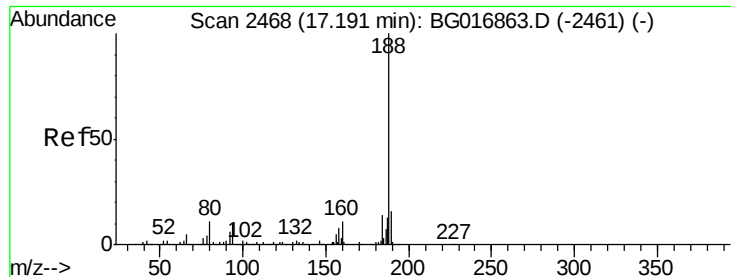
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#49
Dimethylphthalate
Concen: 4.85 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BG017002.D
Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	57310		
194	4.8	5.2	7.8#	
164	9.7	8.4	12.6	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

Instrument :

BNA_G

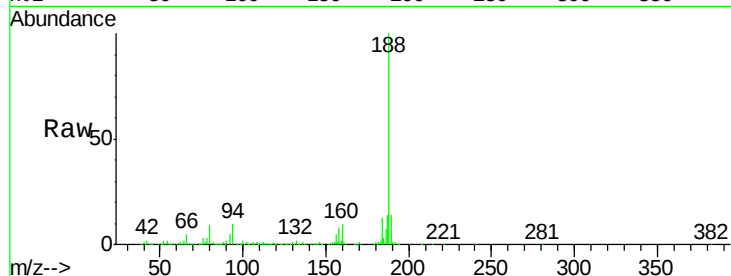
ClientSampleId :

TU021-SB-11-6.0

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		378925		
94	9.5		8.2	12.4	
80	9.3		8.8	13.2	

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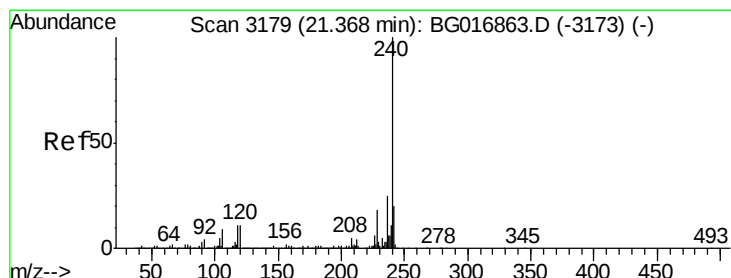
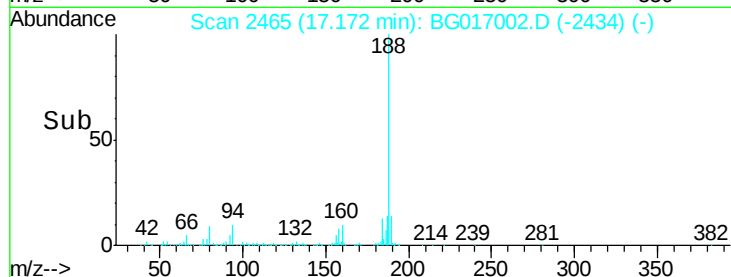
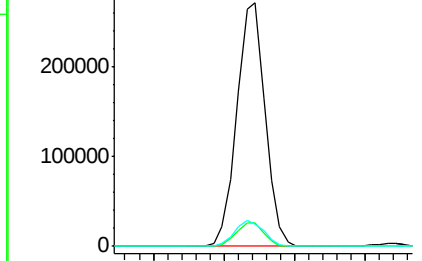
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Abundance Ion 188.00 (187.70 to 188.70): E

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

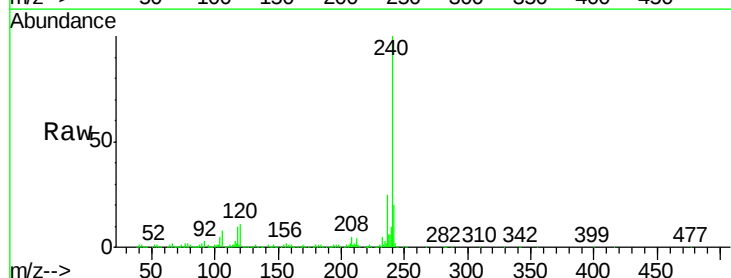
RT: 21.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG017002.D

Acq: 9 May 2015 22:41

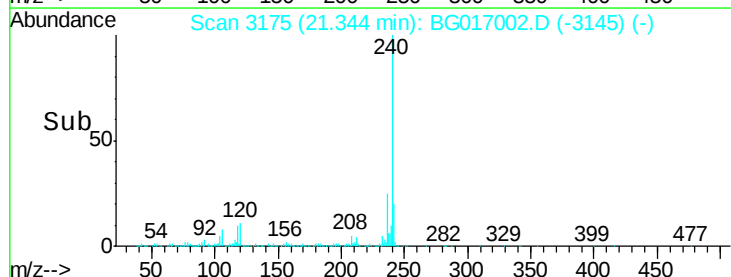
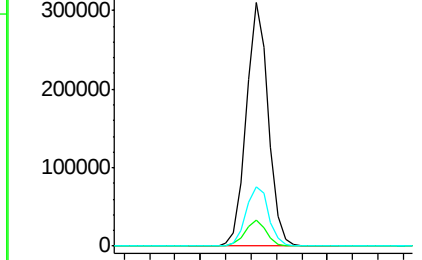
Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		371975		
120	10.6		9.1	13.7	
236	24.6		20.2	30.4	

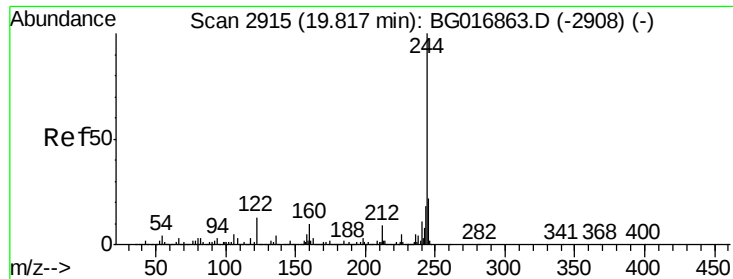


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





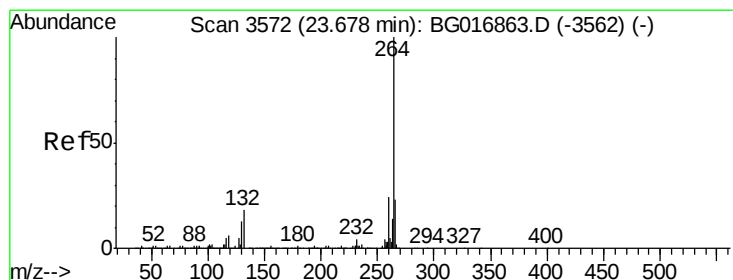
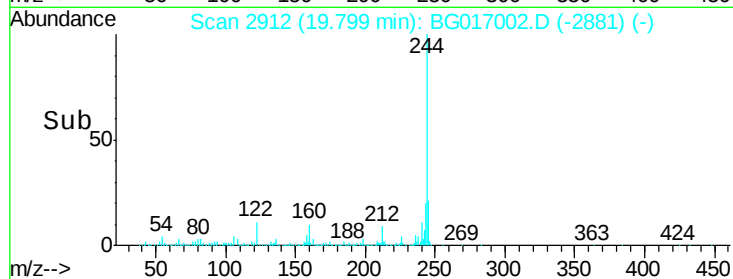
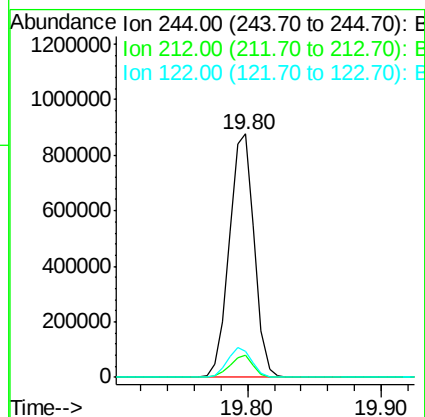
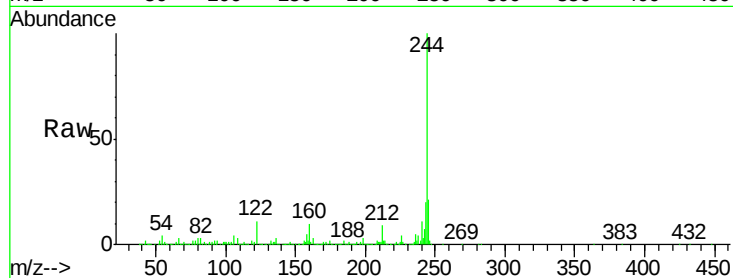
#78
 Terphenyl-d14
 Concen: 72.30 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-11-6.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.6	10.4	15.6

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.04 min
 Lab File: BG017002.D
 Acq: 9 May 2015 22:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.1	18.5	27.7

