

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027316.D
 Acq On : 8 Jun 2017 13:26
 Operator : SJ/MA
 Sample : I3473-01DL2 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-6DL2

Manual Integrations
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Quant Time: Jun 08 14:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46662	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	224286	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	149590	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	346727	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	380605	20.00	ng	-0.04
86) Perylene-d12	25.96	264	356745	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	2075	0.68	ng	-0.01
7) Phenol-d6	7.69	99	1812	0.40	ng	-0.01
23) Nitrobenzene-d5	9.72	82	3847	1.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	1676	0.85	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	9582	0.90	ng	-0.03
78) Terphenyl-d14	20.46	244	12544	0.84	ng	-0.03
Target Compounds						
31) Naphthalene	11.43	128	559280	45.63	ng	Qvalue 99
37) 2-Methylnaphthalene	13.00	142	56238m	6.29	ng	

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

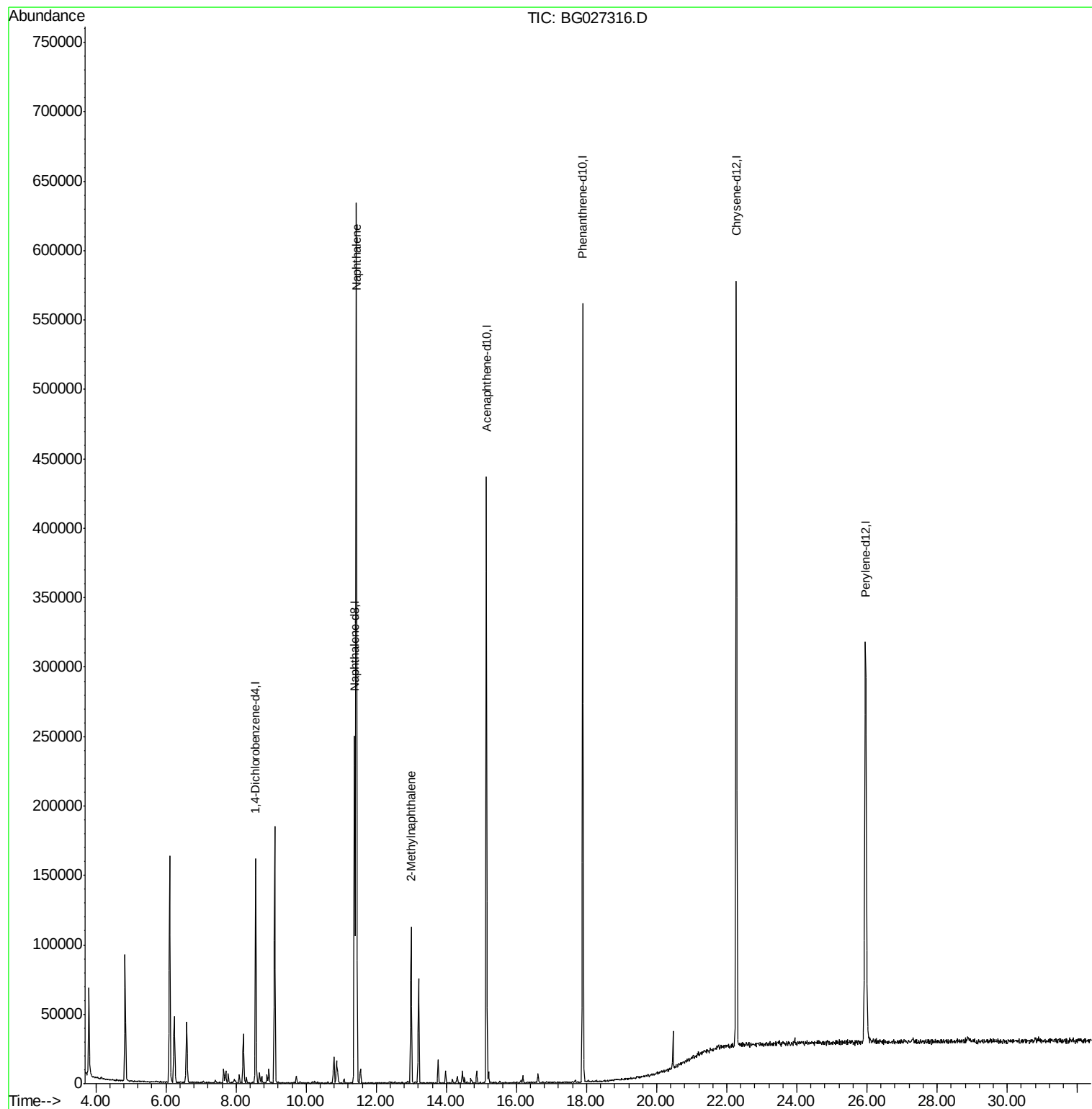
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
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ALS Vial : 29 Sample Multiplier: 1

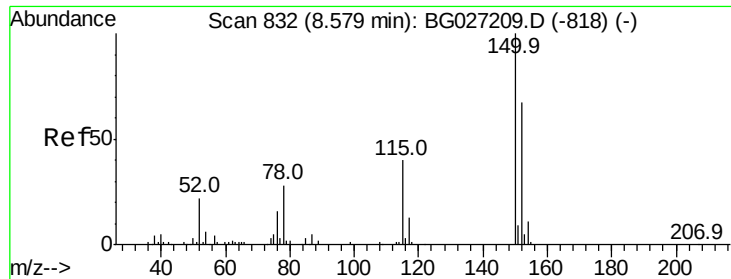
Instrument :
BNA_G
ClientSampleId :
R1-MW-6DL2

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#1

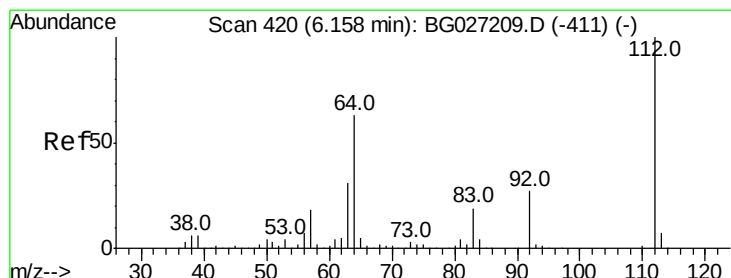
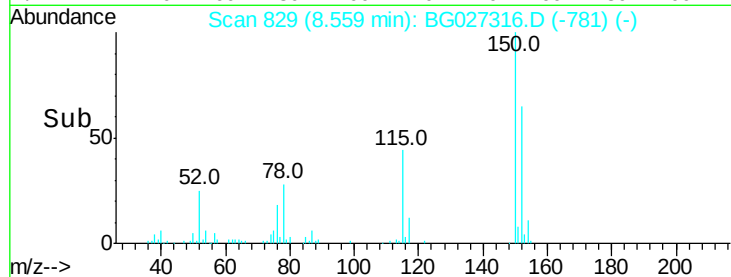
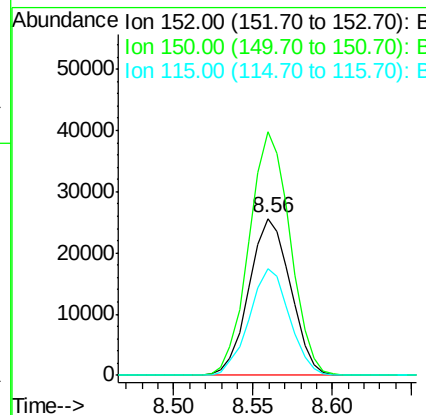
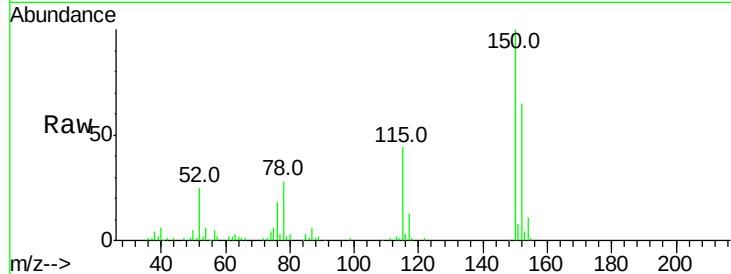
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Instrument :
BNA_G
ClientSampleId :
R1-MW-6DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	114.0	171.0
115	67.6	48.1	72.1

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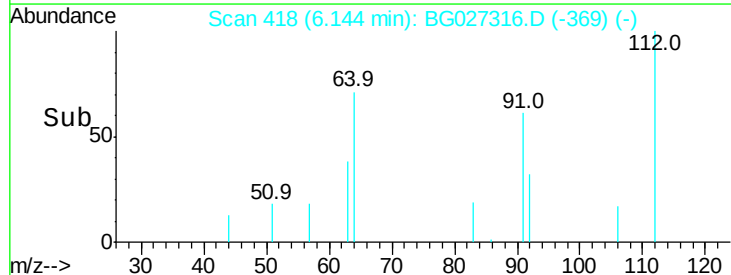
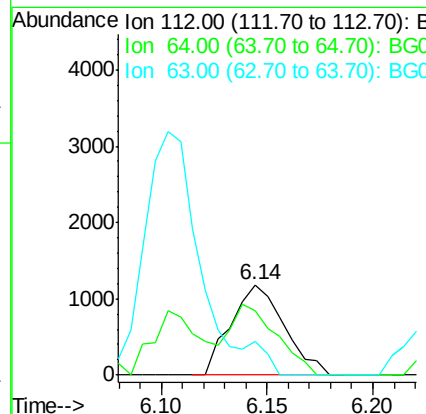
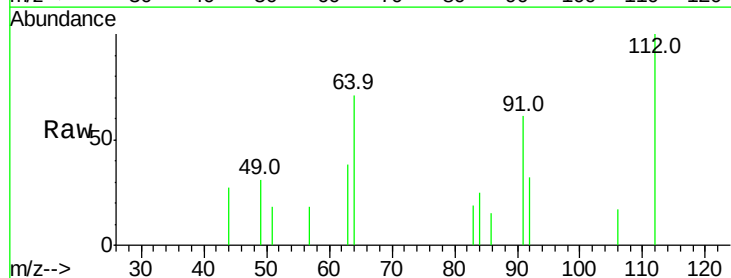
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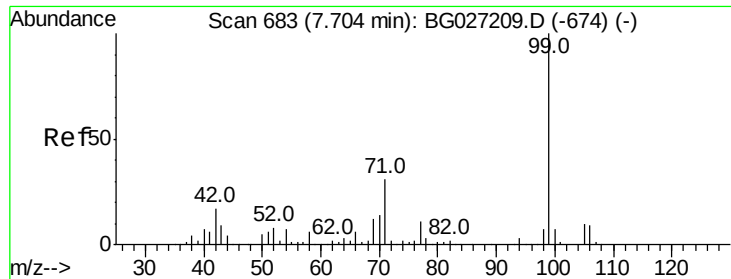


#5

2-Fluorophenol
Concen: 0.68 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	61.8	92.6
63	38.0	37.2	55.8





#7

Phenol-d6

Concen: 0.40 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Instrument :

BNA_G

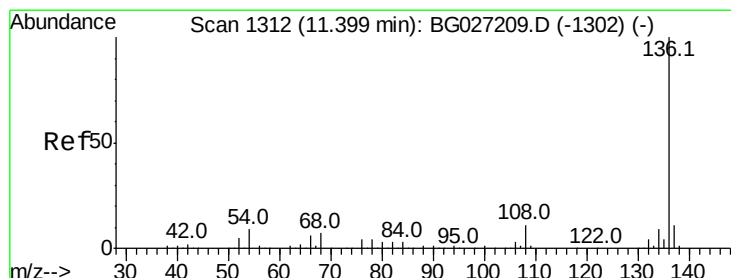
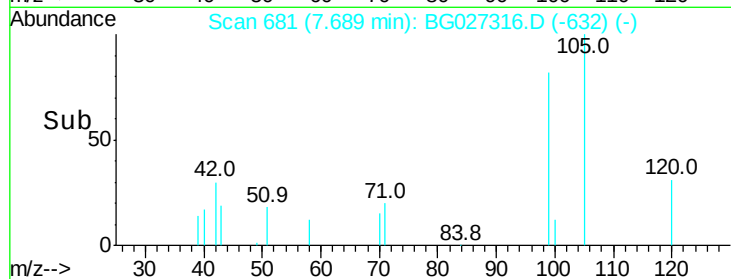
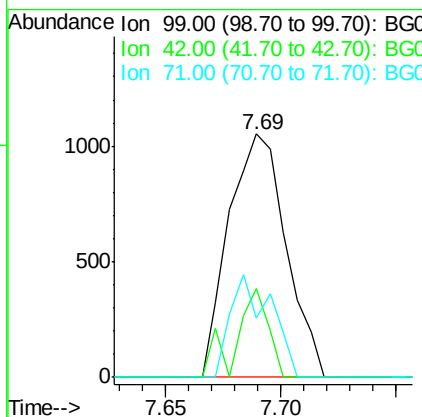
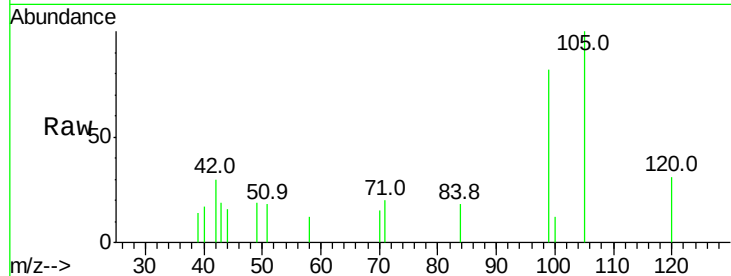
ClientSampleId :

R1-MW-6DL2

Tot Ion:	99	Resp:	1812
Ion Ratio	Lower	Upper	
99	100		
42	36.6	20.5	30.7#
71	24.4	37.6	56.4#

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#21

Naphthalene-d8

Concen: 20.00 ng

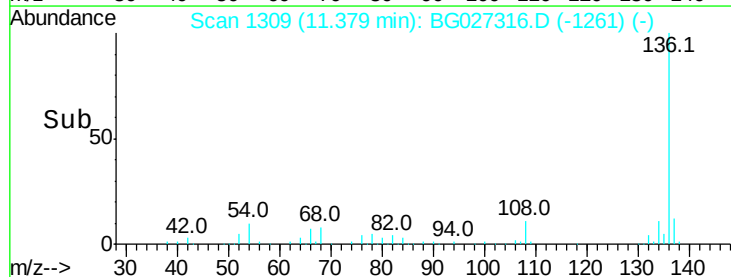
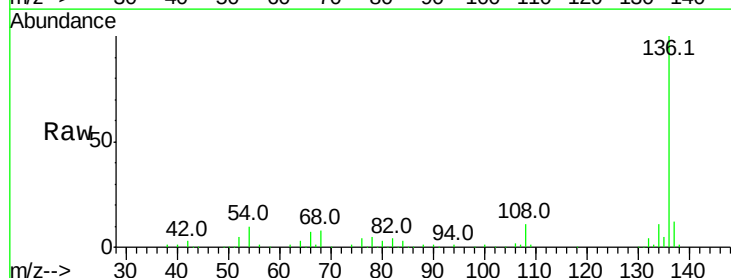
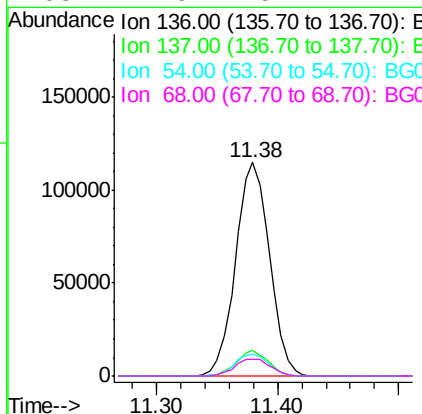
RT: 11.38 min Scan# 1309

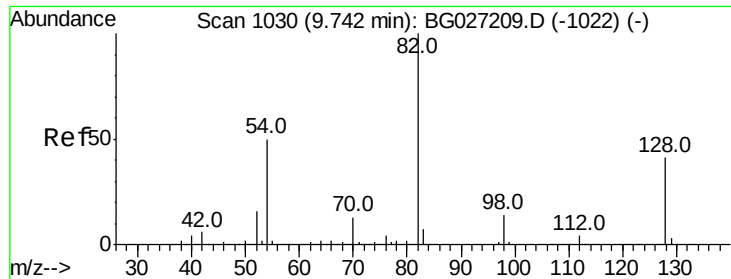
Delta R.T. -0.02 min

Lab File: BG027316.D

Acq: 8 Jun 2017 13:26

Tgt Ion:	136	Resp:	224286
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.9	13.3
54	10.5	9.3	13.9
68	7.9	5.1	7.7#





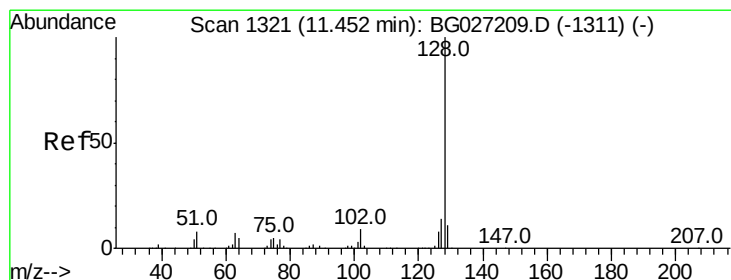
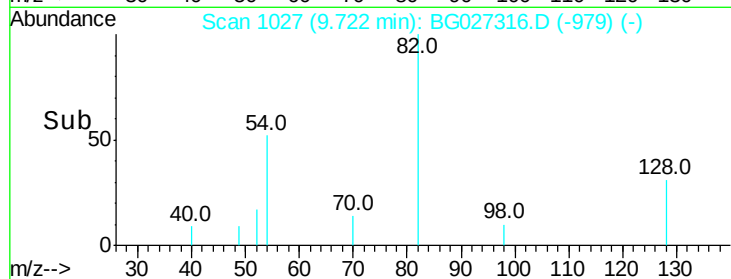
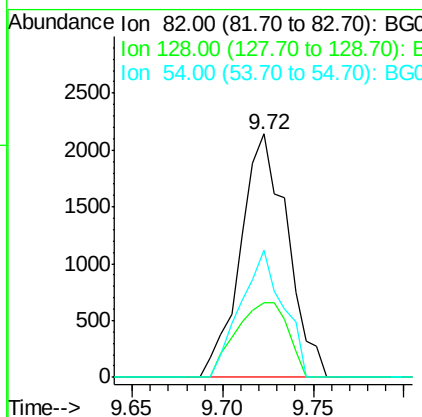
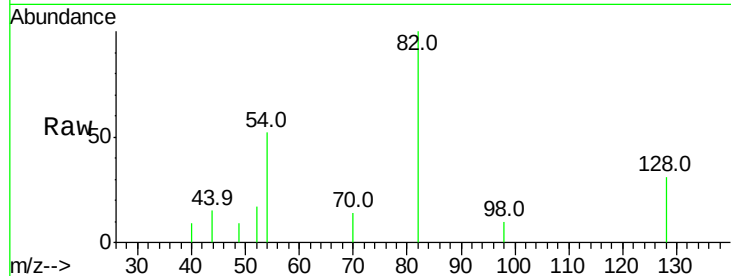
#23
 Nitrobenzene-d5
 Concen: 1.08 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-6DL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.7	26.4	39.6
54	52.4	49.4	74.2

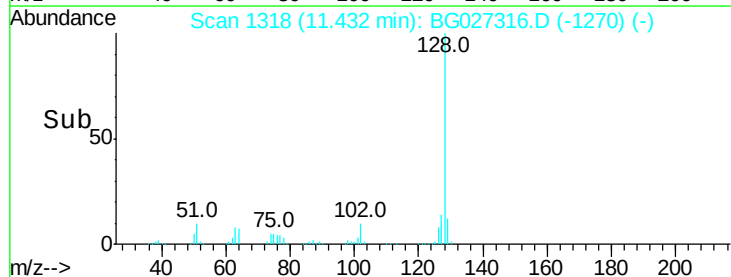
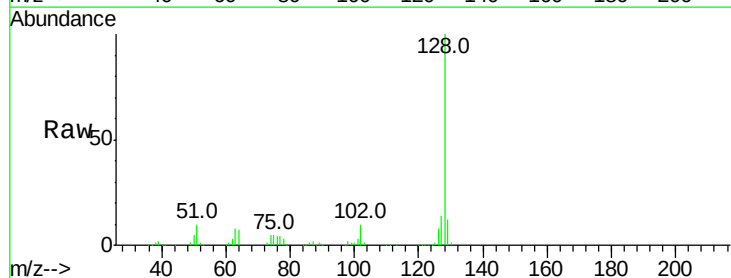
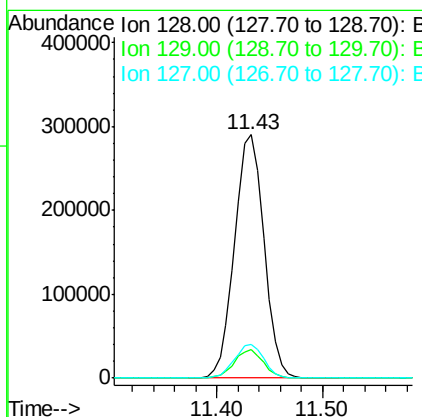
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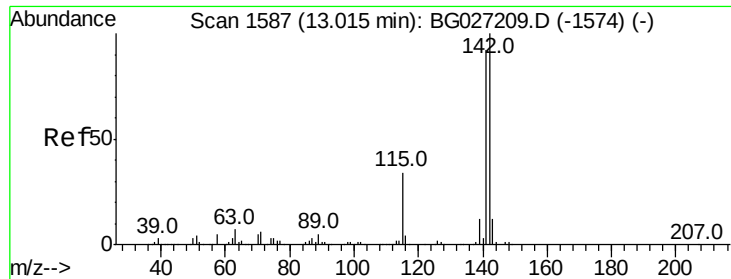
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#31
 Naphthalene
 Concen: 45.63 ng
 RT: 11.43 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.8	11.4	17.0





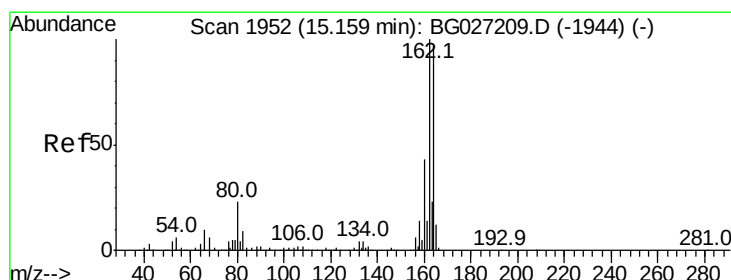
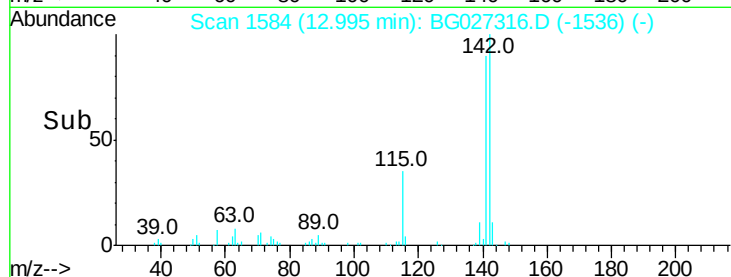
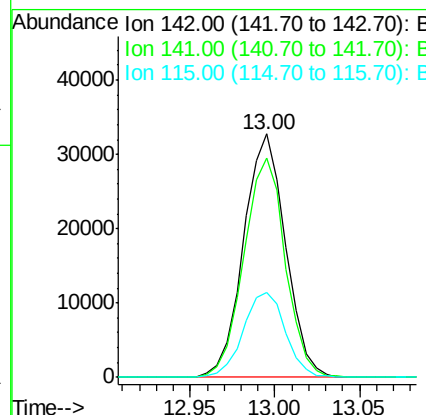
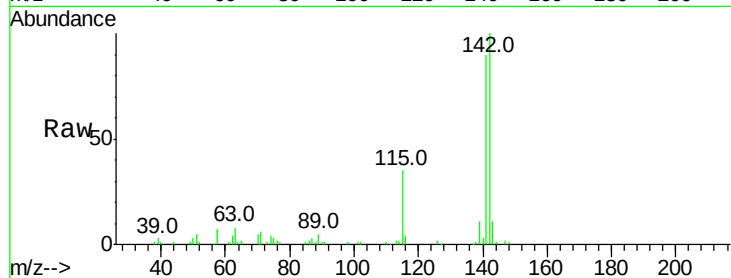
#37
2-Methylnaphthalene
Concen: 6.29 ng/ml
RT: 13.00 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Instrument :
BNA_G
ClientSampleId :
R1-MW-6DL2

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.4	105.6
115	35.0	35.5	53.3

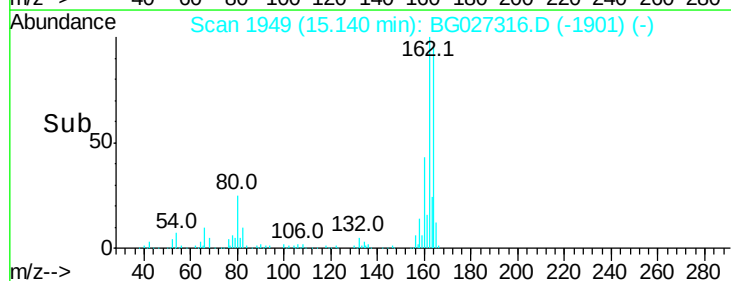
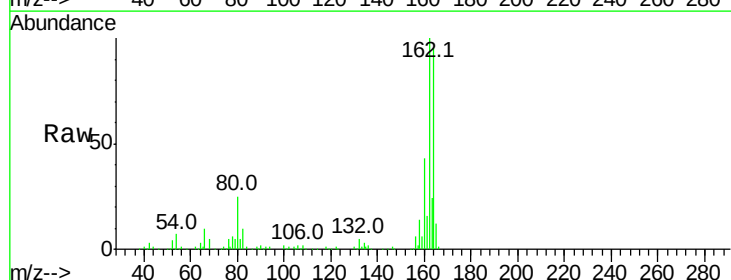
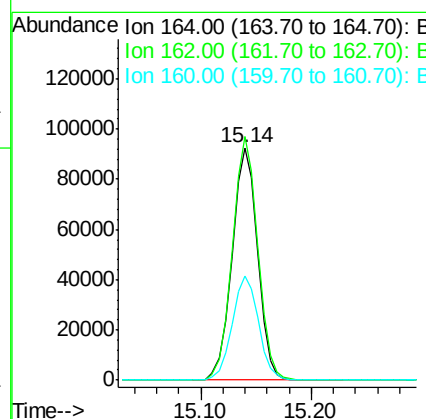
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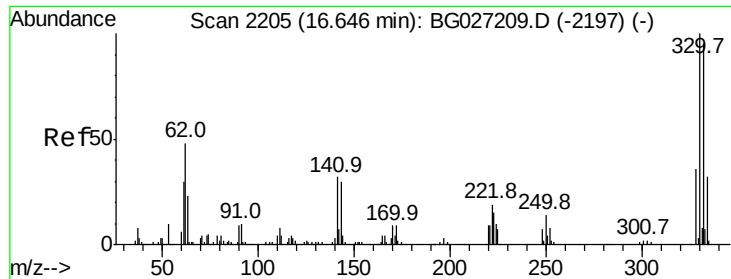
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.1	127.7
160	44.9	34.7	52.1





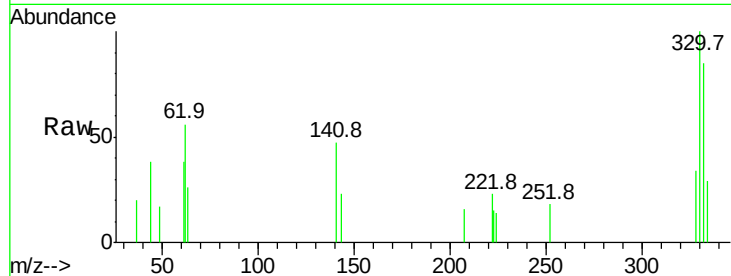
#41
 2,4,6-Tribromophenol
 Concen: 0.85 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-6DL2

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.3	115.9
141	44.6	32.1	48.1

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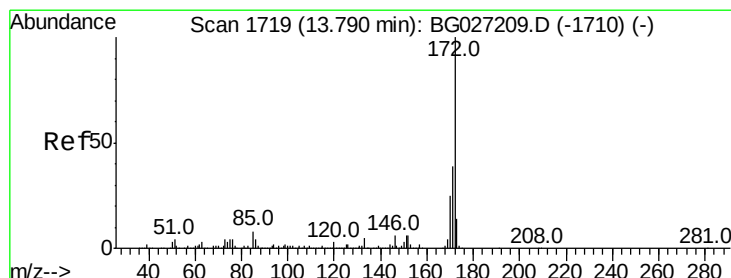
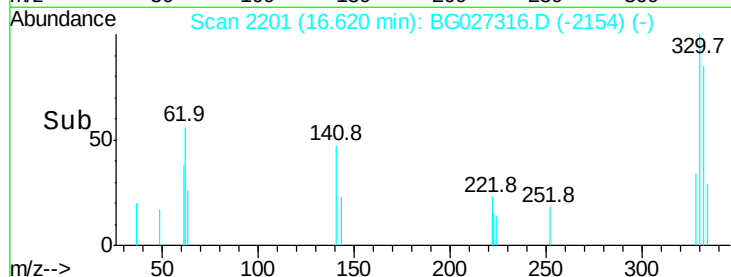
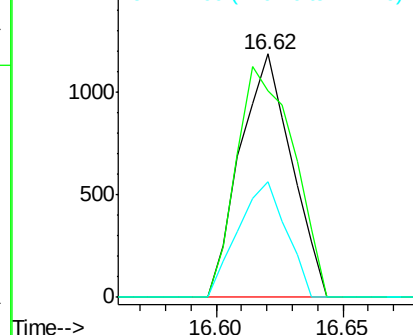


Abundance

Ion 329.80 (329.50 to 330.50): E

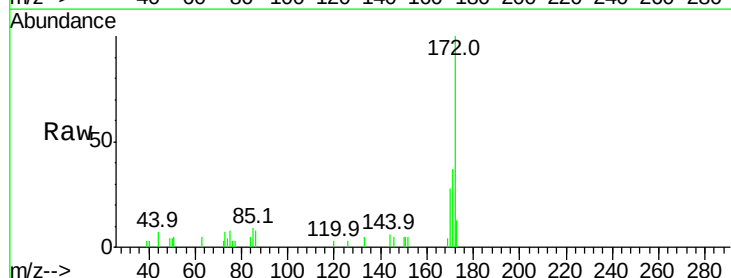
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.90 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	28.4	21.8	32.6

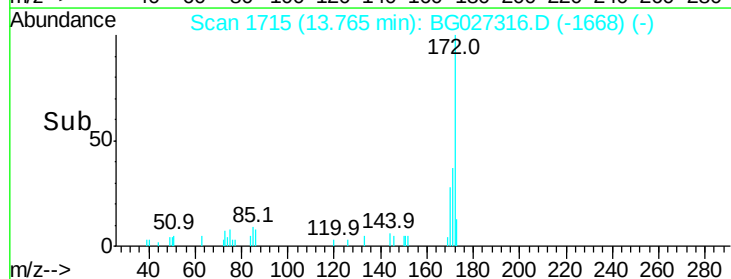
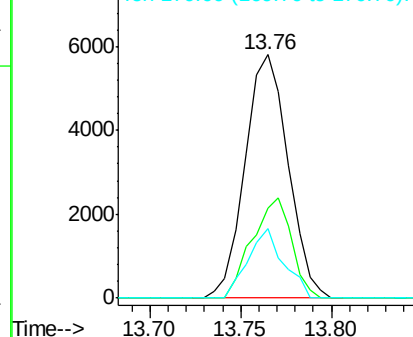


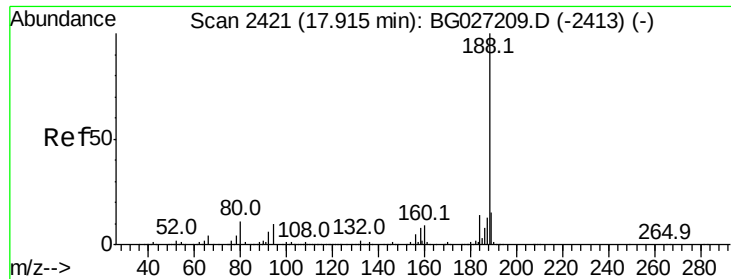
Abundance

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





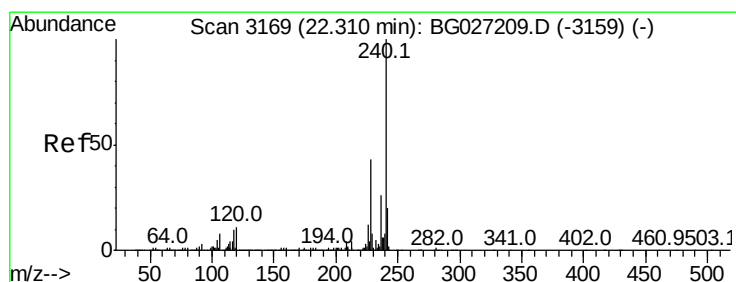
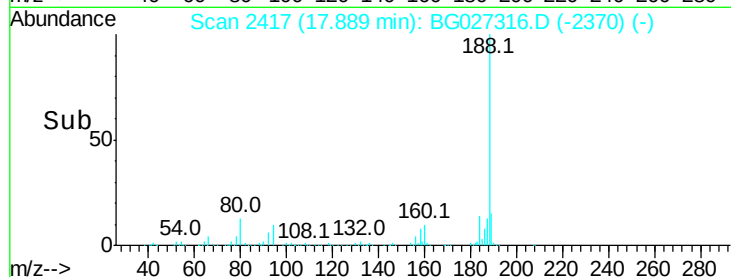
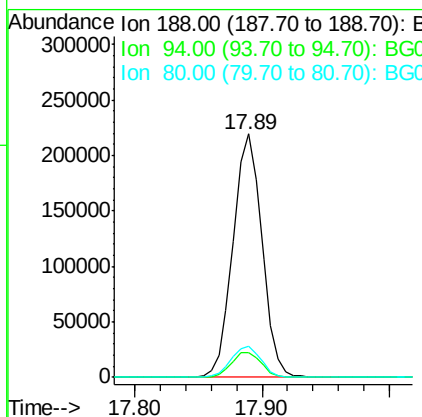
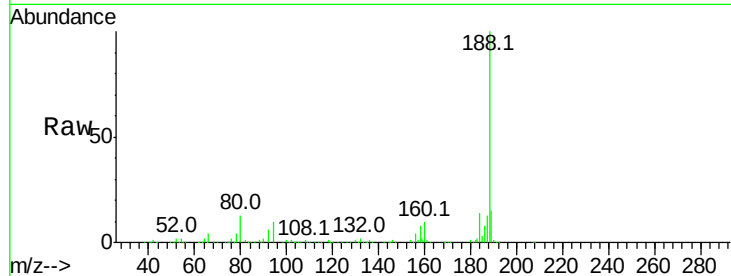
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Instrument :
BNA_G
ClientSampleId :
R1-MW-6DL2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	5.8	8.8#
80	12.9	7.5	11.3#

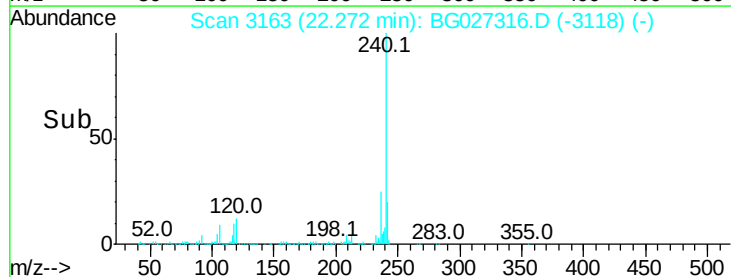
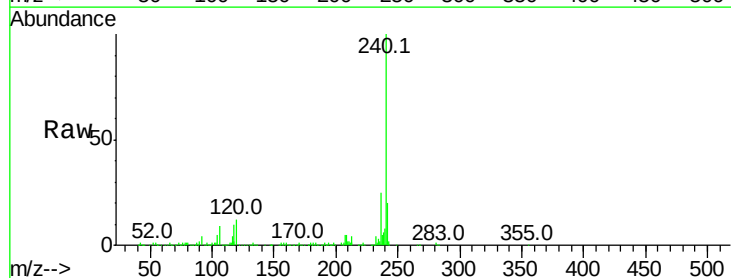
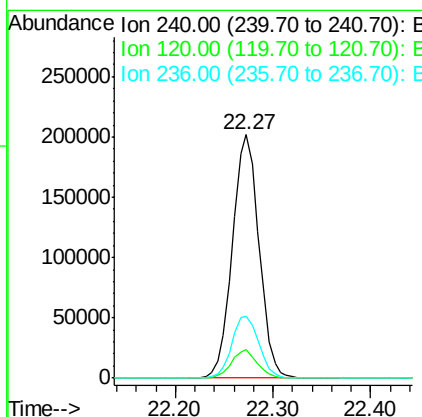
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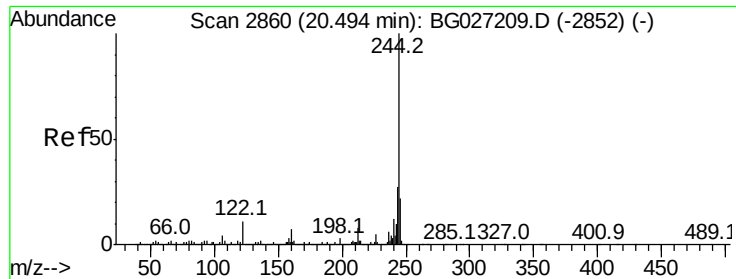
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027316.D
Acq: 8 Jun 2017 13:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	5.7	8.5#
236	25.4	22.2	33.4





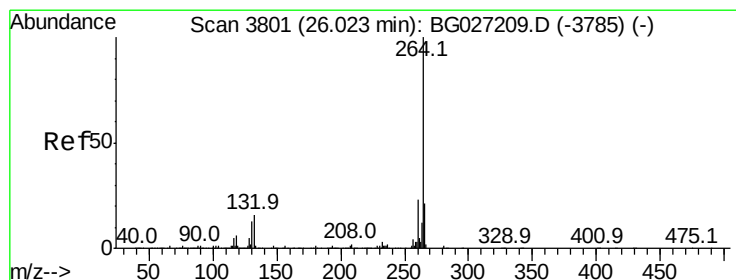
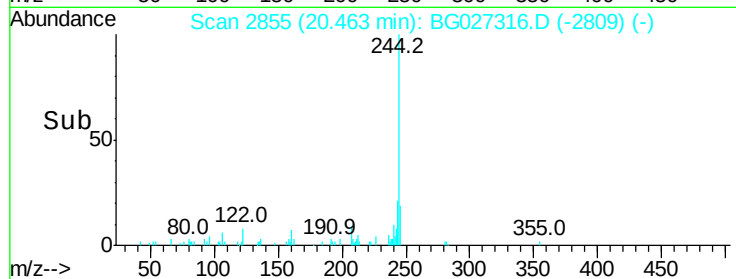
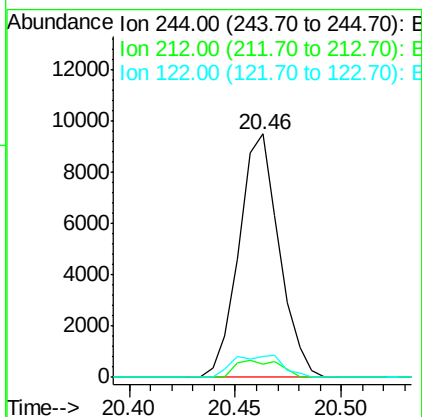
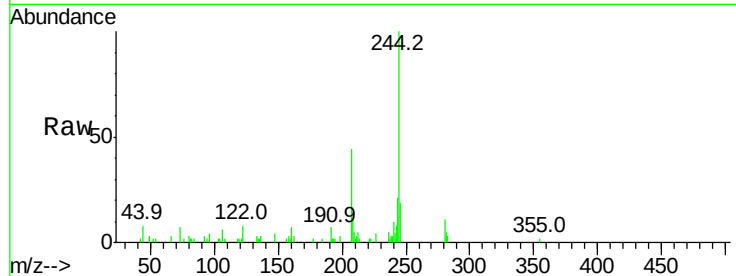
#78
 Terphenyl-d14
 Concen: 0.84 ng
 RT: 20.46 min Scan# 2855
 Delta R.T. -0.03 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-6DL2

Tot Ion:	244	Resp:	12544
Ion Ratio	Lower	Upper	
244	100		
212	5.3	10.0	15.0#
122	8.4	8.6	12.8#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.96 min Scan# 3790
 Delta R.T. -0.07 min
 Lab File: BG027316.D
 Acq: 8 Jun 2017 13:26

Tgt Ion:	264	Resp:	356745
Ion Ratio	Lower	Upper	
264	100		
260	24.5	21.8	32.8
265	22.0	18.2	27.4

