

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026665.D
 Acq On : 19 Apr 2017 20:51
 Operator : SJ/MA
 Sample : I2755-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3652

Manual Integrations
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 4/20/2017 1:55:02 PM

Quant Time: Apr 20 02:17:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	178174	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	763668	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	488279	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1200108	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1224870	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1261637	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	635638	64.85	ng	0.01
7) Phenol-d6	7.23	99	535238	41.68	ng	0.02
23) Nitrobenzene-d5	9.19	82	1068277	97.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	876933	128.89	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2911238	88.80	ng	-0.02
78) Terphenyl-d14	19.97	244	3586207	86.44	ng	-0.02

Target Compounds Qvalue

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

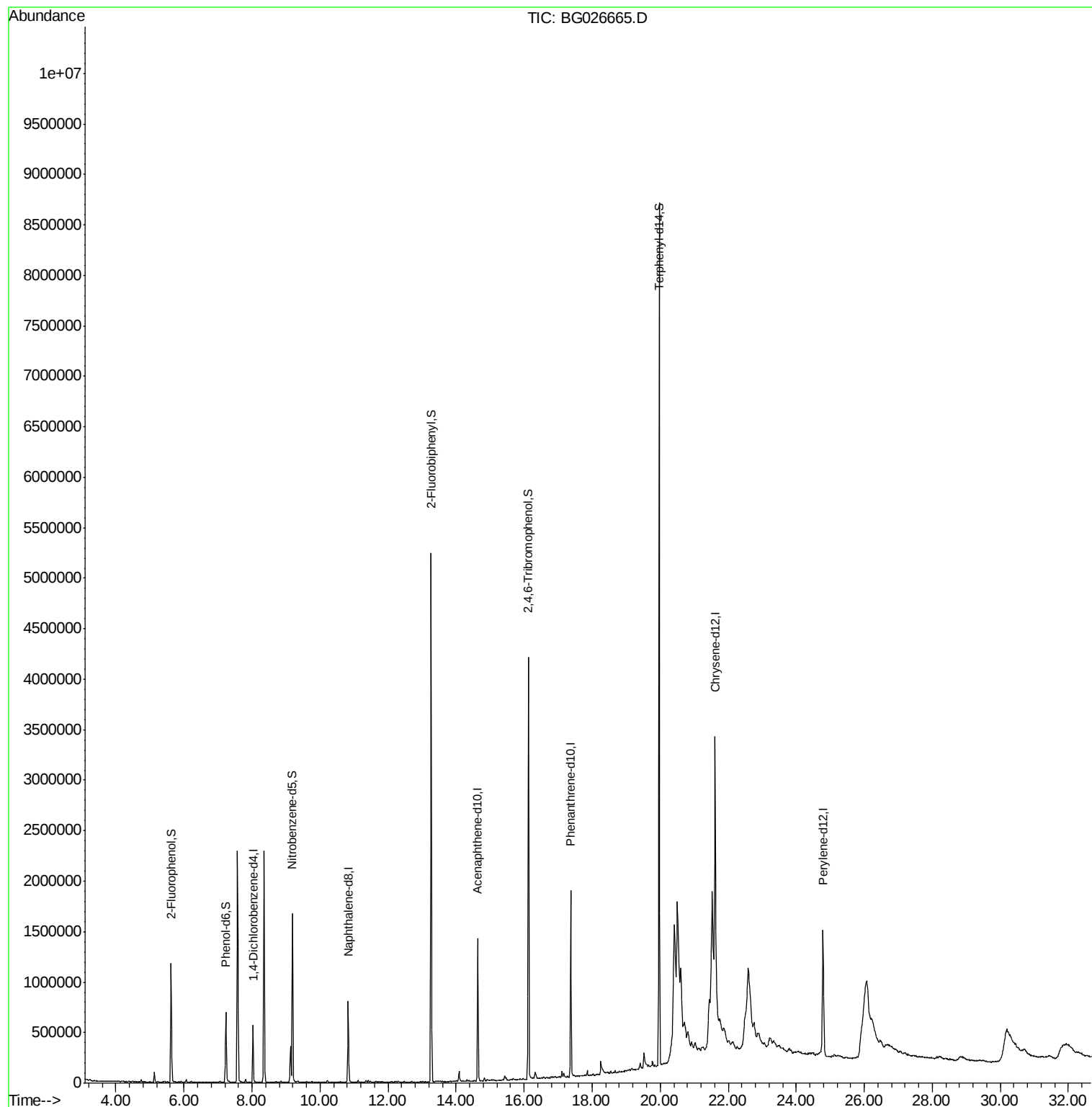
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026665.D
Acq On : 19 Apr 2017 20:51
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ALS Vial : 12 Sample Multiplier: 1

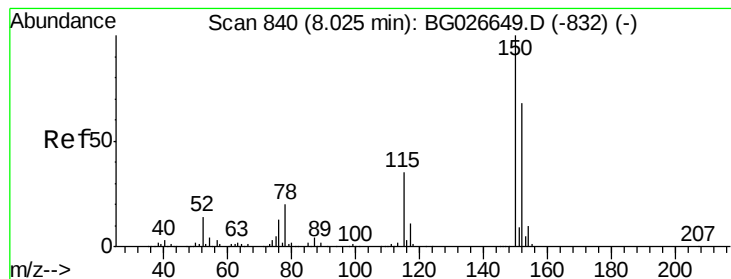
Instrument :
BNA_G
ClientSampleId :
3652

Manual Integrations
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Quant Time: Apr 20 02:17:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration





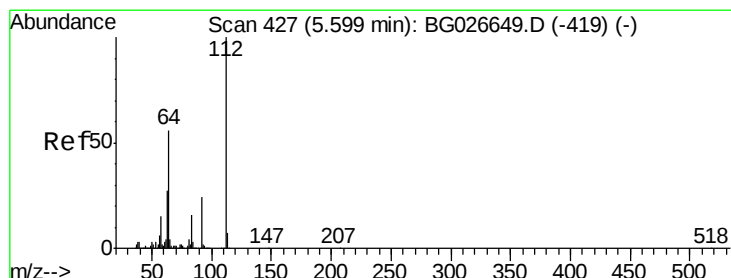
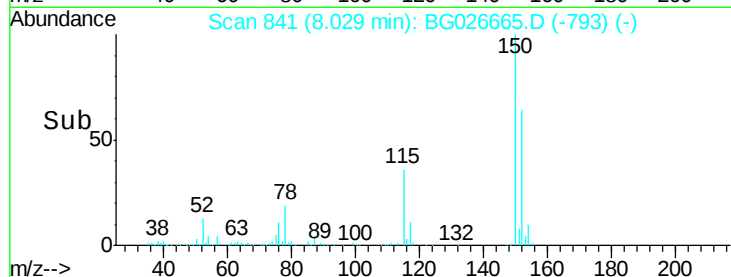
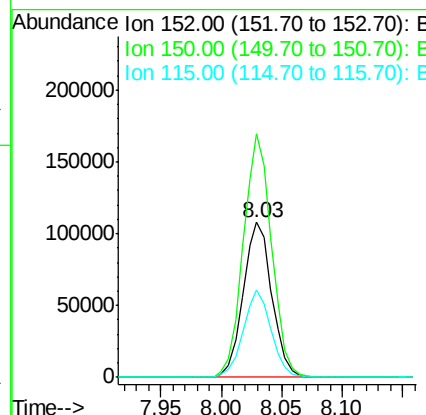
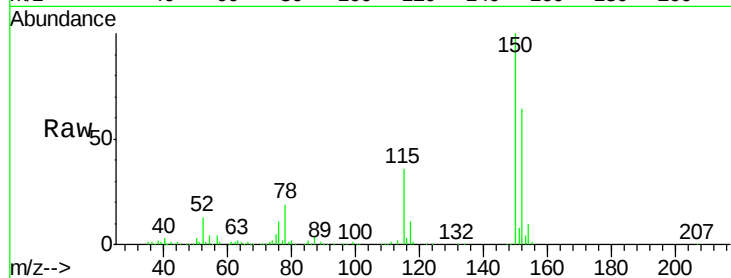
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG026665.D
 Acq: 19 Apr 2017 20:51

Instrument :
 BNA_G
 ClientSampled :
 3652

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	56.6	48.1	72.1

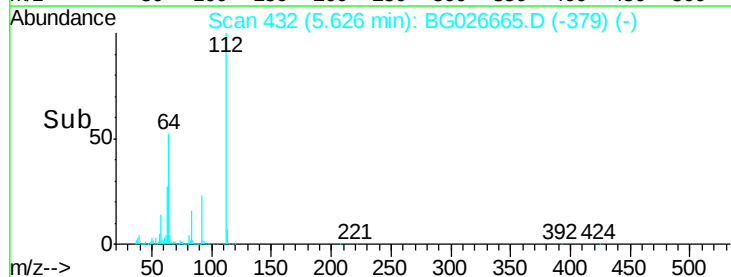
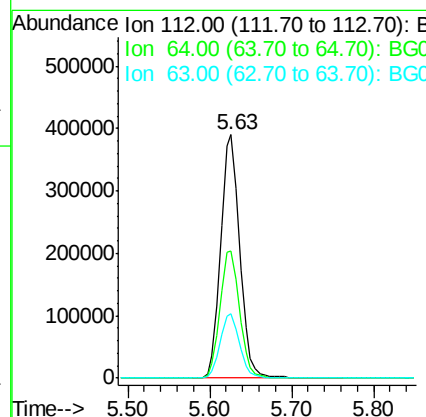
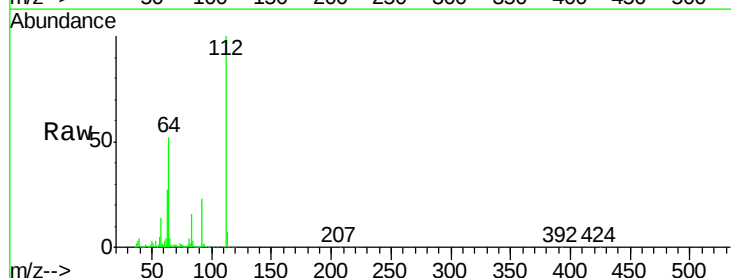
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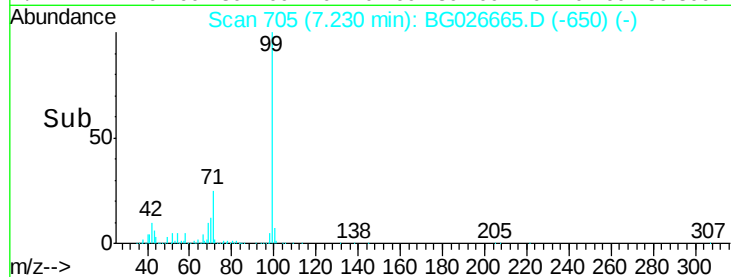
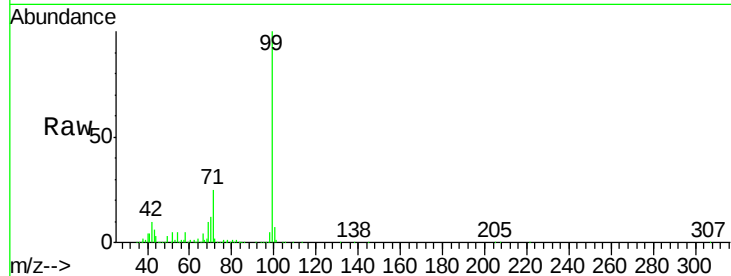
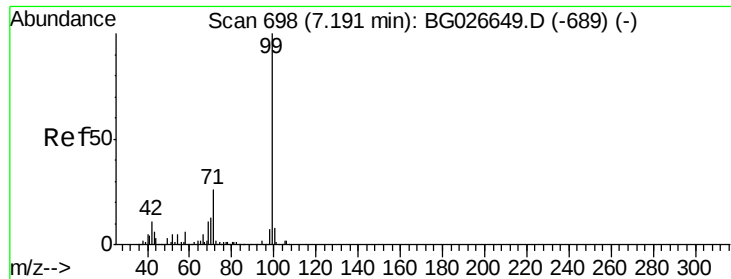
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#5
 2-Fluorophenol
 Concen: 64.85 ng
 RT: 5.63 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: BG026665.D
 Acq: 19 Apr 2017 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	61.8	92.6#
63	26.5	37.2	55.8#





#7

Phenol-d6

Concen: 41.68 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BG026665.D

Acq: 19 Apr 2017 20:51

Instrument :

BNA_G

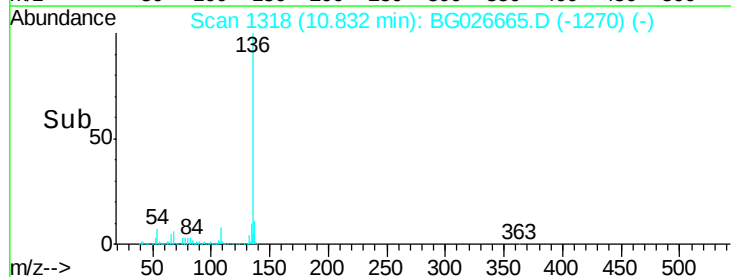
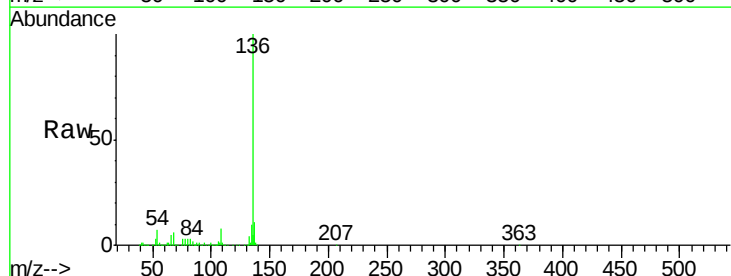
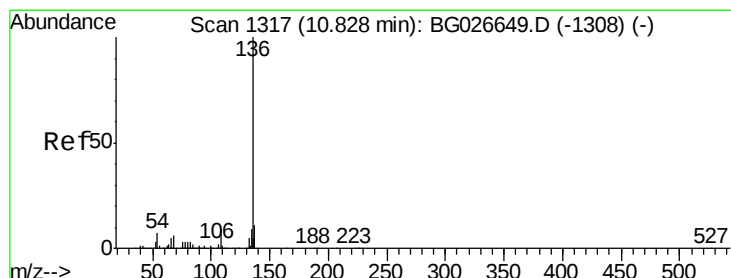
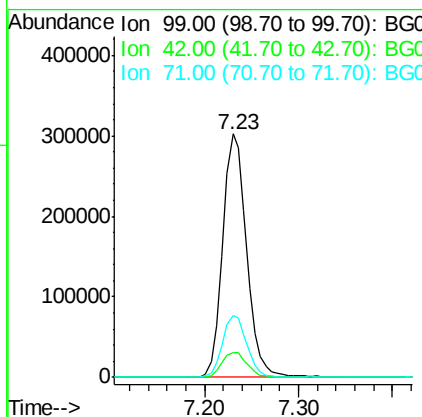
ClientSampleId :

3652

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		535238		
42	10.3	20.5	30.7#		
71	25.2	37.6	56.4#		

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#21

Naphthalene-d8

Concen: 20.00 ng

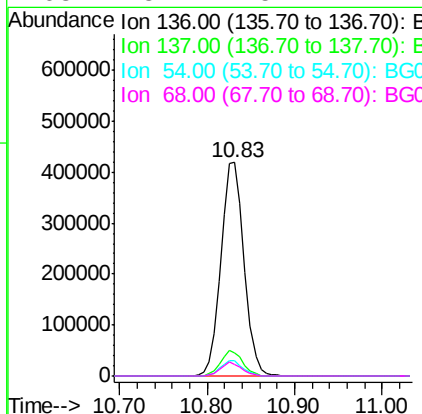
RT: 10.83 min Scan# 1318

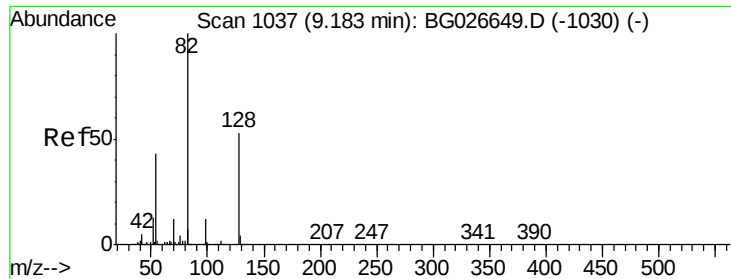
Delta R.T. -0.02 min

Lab File: BG026665.D

Acq: 19 Apr 2017 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		763668		
137	11.1	8.9	13.3		
54	7.0	9.3	13.9#		
68	5.7	5.1	7.7		





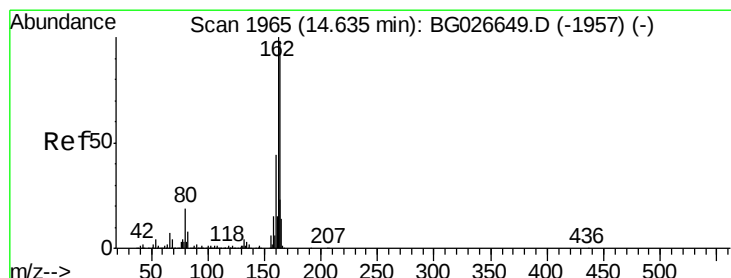
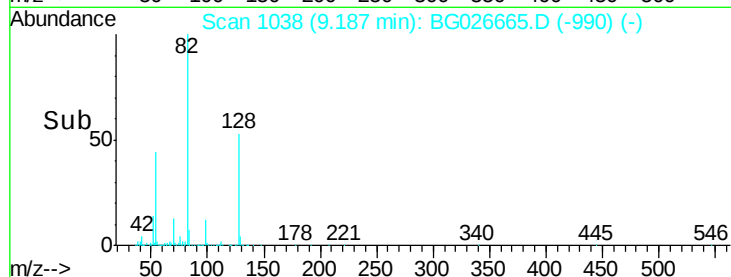
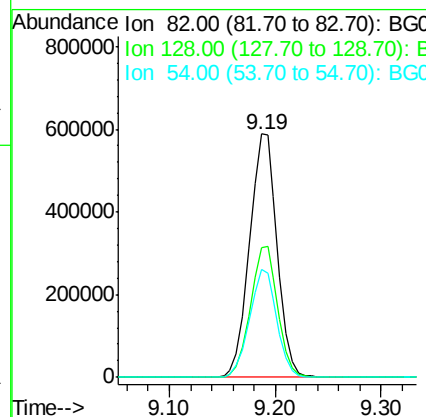
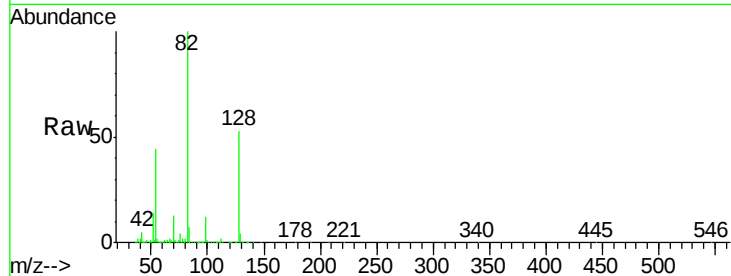
#23
 Nitrobenzene-d5
 Concen: 97.61 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026665.D
 Acq: 19 Apr 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :
 3652

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.3	26.4	39.6#
54	44.3	49.4	74.2#

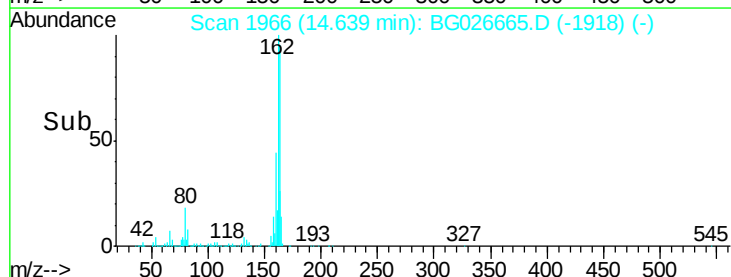
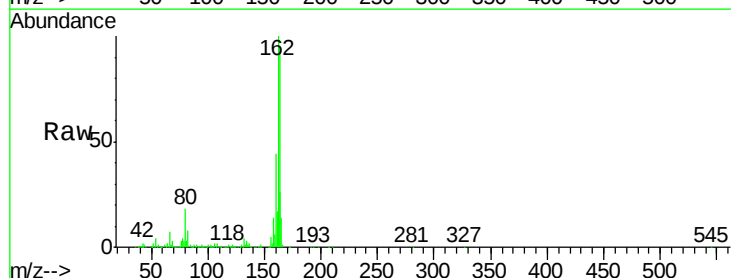
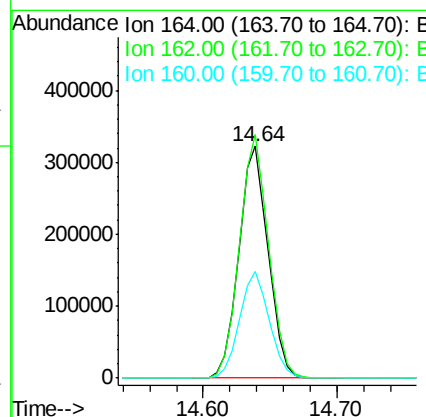
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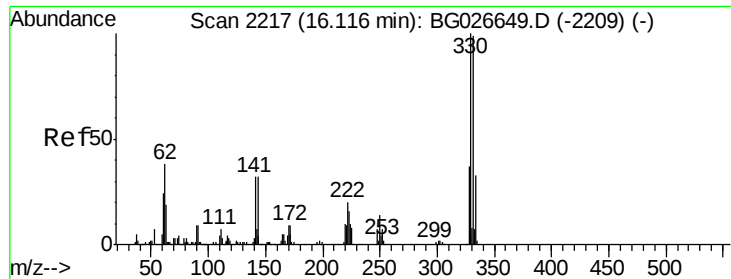
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026665.D
 Acq: 19 Apr 2017 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.1	127.7
160	45.8	34.7	52.1





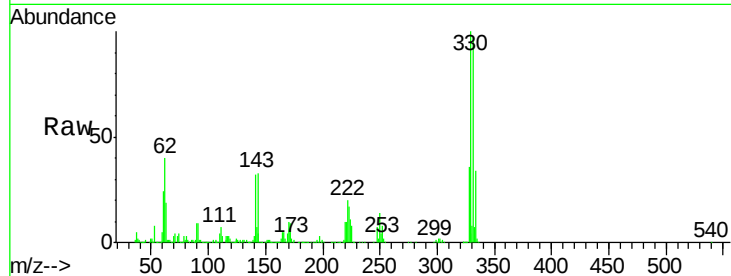
#41
2,4,6-Tribromophenol
Concen: 128.89 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026665.D
Acq: 19 Apr 2017 20:51

Instrument :
BNA_G
ClientSampleId :
3652

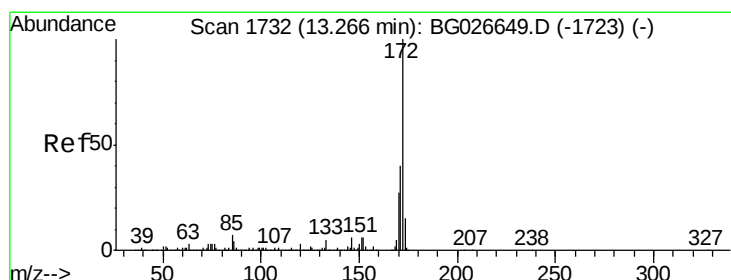
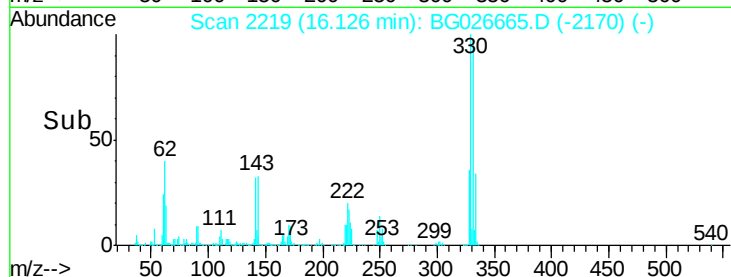
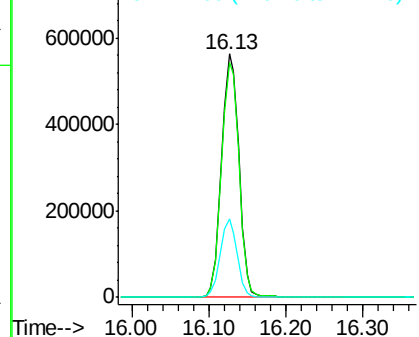
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.9	32.1	48.1#

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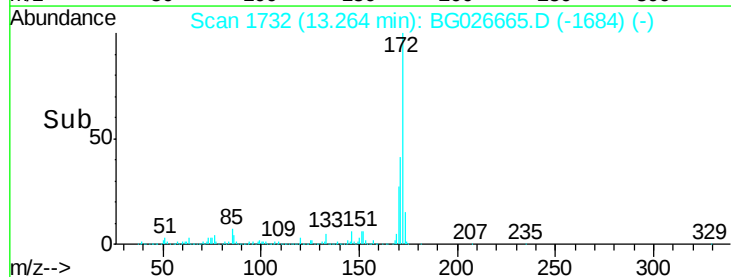
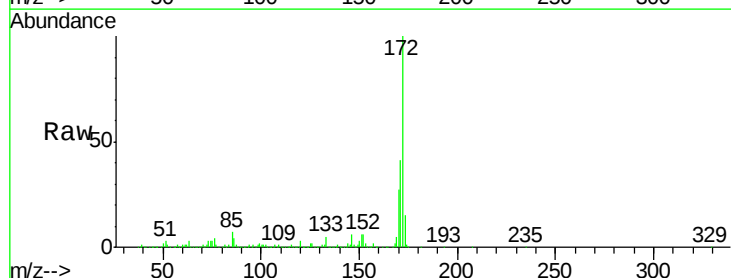
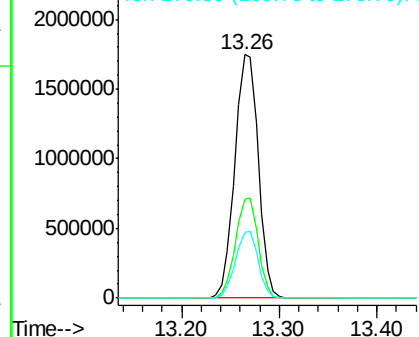
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

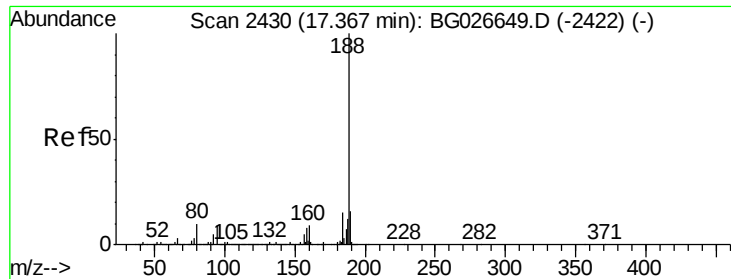


#44
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026665.D
Acq: 19 Apr 2017 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.2	48.2
170	27.2	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





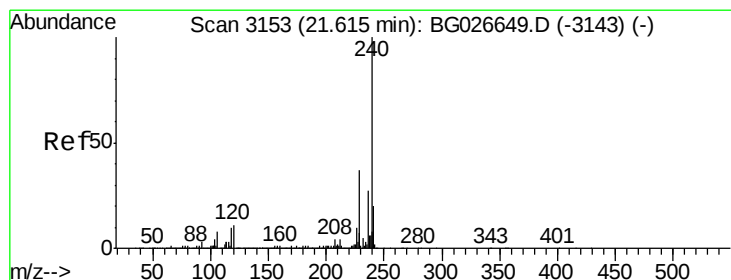
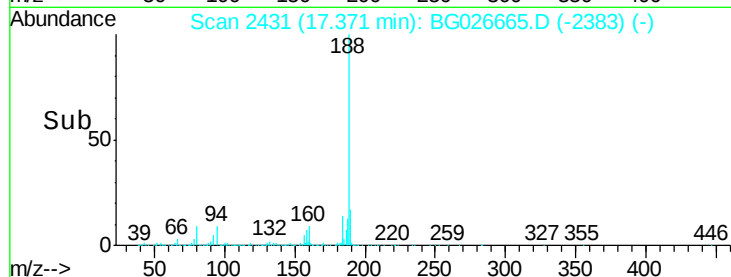
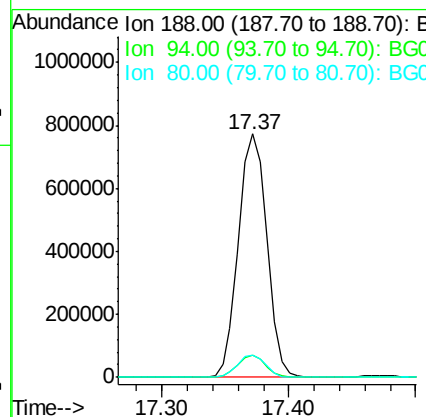
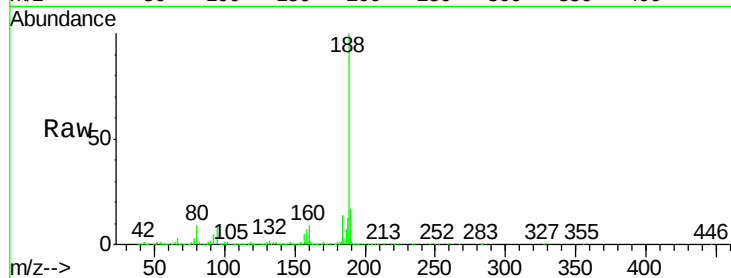
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026665.D
Acq: 19 Apr 2017 20:51

Instrument :
BNA_G
ClientSampled :
3652

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	5.8	8.8#
80	9.2	7.5	11.3

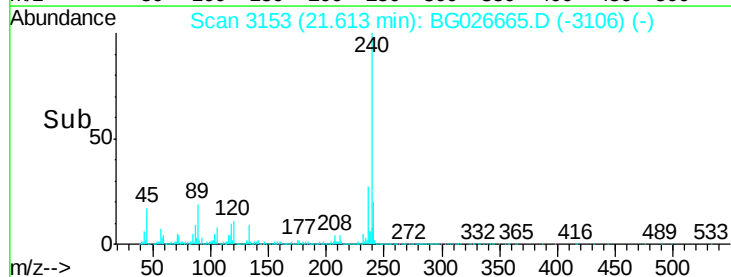
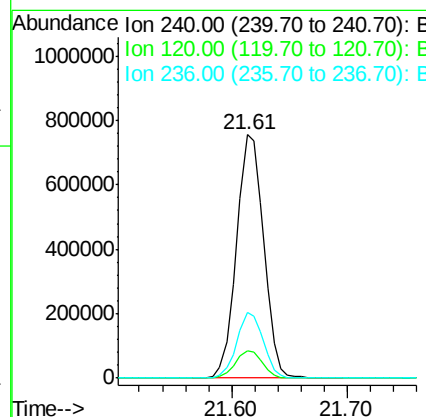
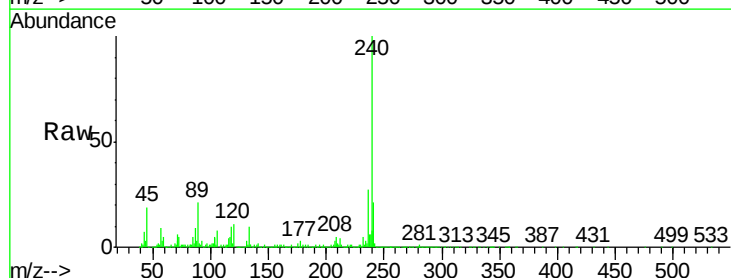
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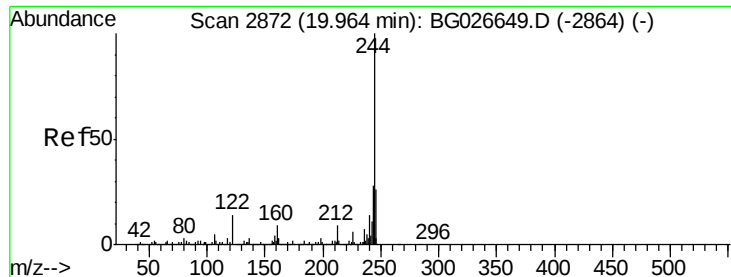
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026665.D
Acq: 19 Apr 2017 20:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	26.8	22.2	33.4





#78

Terphenyl-d14

Concen: 86.44 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026665.D

Acq: 19 Apr 2017 20:51

Instrument :

BNA_G

ClientSampleId :

3652

Tot Ion:244 Resp: 3586207

Ion Ratio Lower Upper

244 100

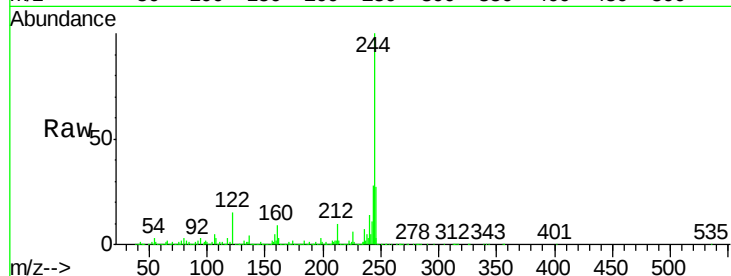
212 9.9 10.0 15.0#

122 15.2 8.6 12.8#

Manual Integrations
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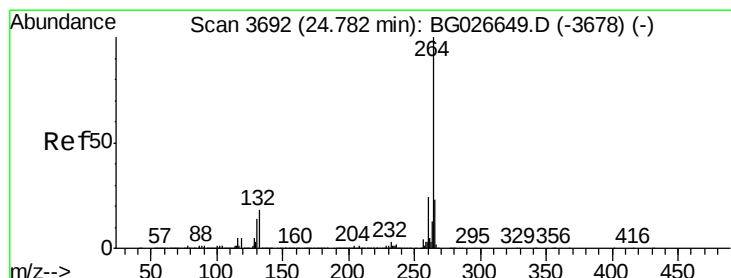
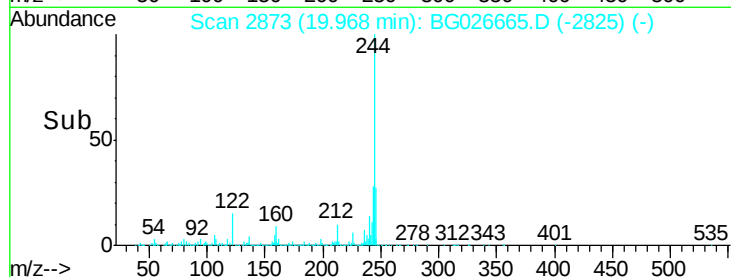
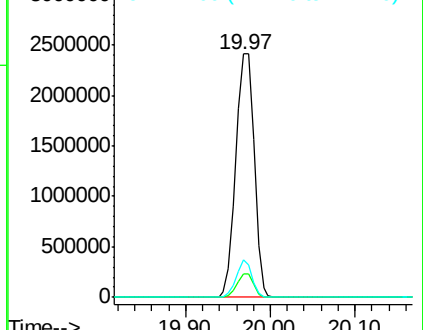
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 3693

Delta R.T. -0.04 min

Lab File: BG026665.D

Acq: 19 Apr 2017 20:51

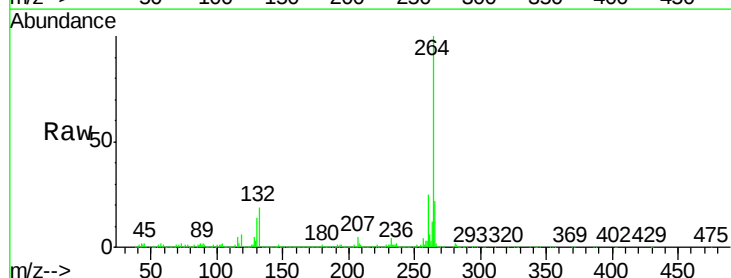
Tgt Ion:264 Resp: 1261637

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 22.0 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

