

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021203.D
 Acq On : 2 Mar 2016 3:41
 Operator : UM/SJ
 Sample : H1579-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-11

Manual Integrations
 APPROVED

Sohil
 3/2/2016 9:52:12 AM

Quant Time: Mar 02 05:48:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	14313	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	67257	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	37330	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	78557	20.00	ng	0.00
75) Chrysene-d12	21.75	240	80959	20.00	ng	-0.02
86) Perylene-d12	25.03	264	69953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	101886	113.17	ng	0.00
7) Phenol-d6	7.30	99	161041	108.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	118162	74.34	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	40566	104.45	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	170322	64.79	ng	0.00
78) Terphenyl-d14	20.08	244	193407	57.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	38850	11.68	ng	97
74) Fluoranthene	19.53	202	11123	2.23	ng	99
77) Pyrene	19.89	202	12081	2.50	ng	98
80) Benzo(a)anthracene	21.73	228	9727	2.03	ng	96
82) Chrysene	21.80	228	9885m	2.18	ng	

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

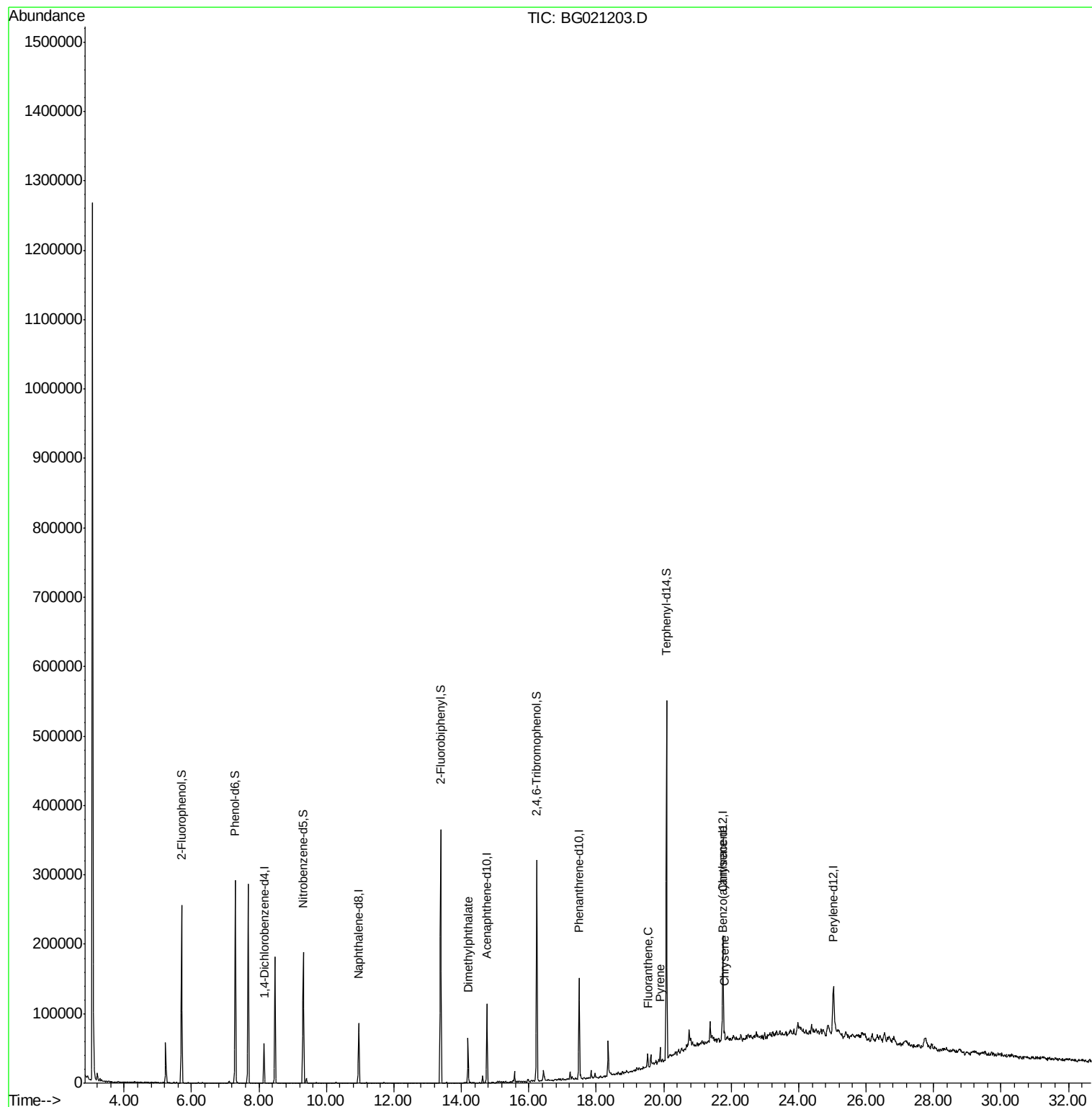
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021203.D
Acq On : 2 Mar 2016 3:41
Operator : UM/SJ
Sample : H1579-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

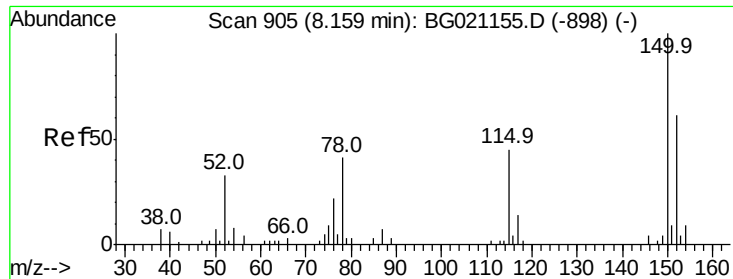
Instrument :
BNA_G
ClientSampleId :
P-11

Manual Integrations
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Quant Time: Mar 02 05:48:59 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

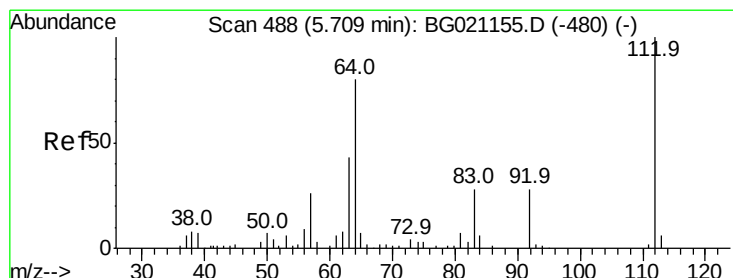
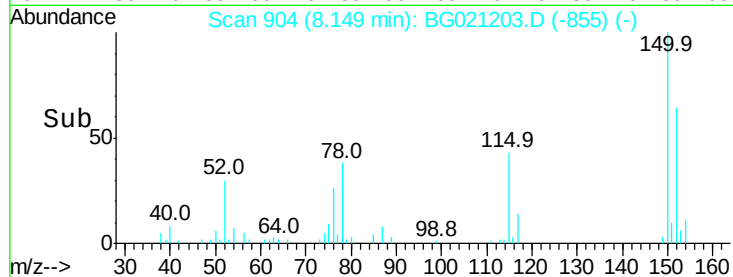
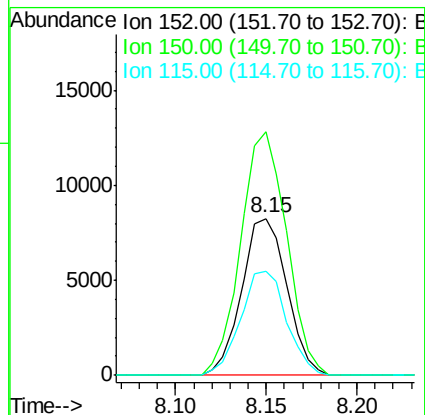
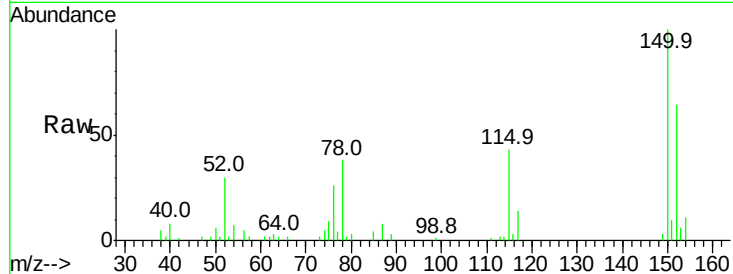
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Instrument :
BNA_G
ClientSampled :
P-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.4	185.2
115	66.5	43.3	64.9#

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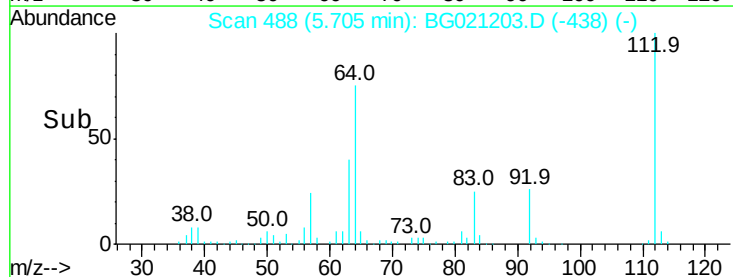
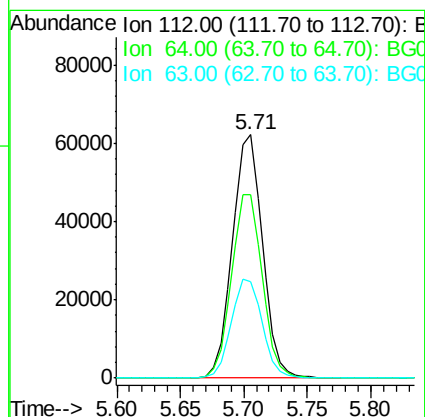
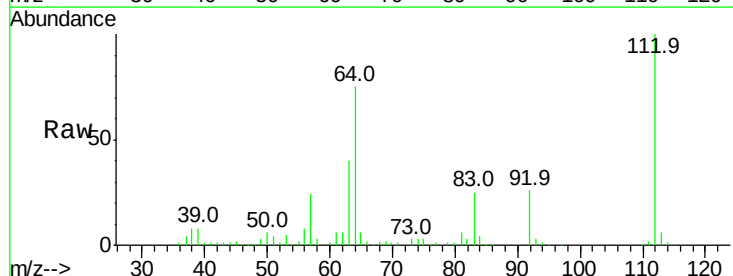
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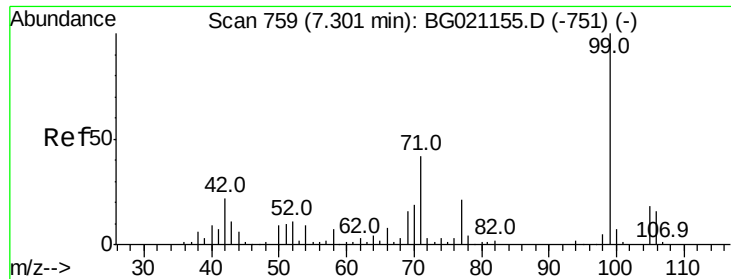


#5

2-Fluorophenol
Concen: 113.17 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	42.6	63.8#
63	39.5	21.7	32.5#





#7

Phenol-d6

Concen: 108.78 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Instrument :

BNA_G

ClientSampleId :

P-11

Tot Ion: 99 Resp: 161041

Ion Ratio Lower Upper

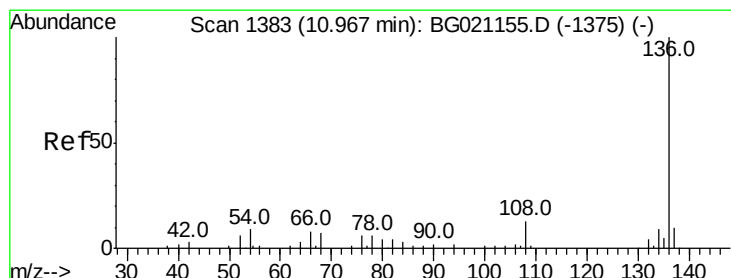
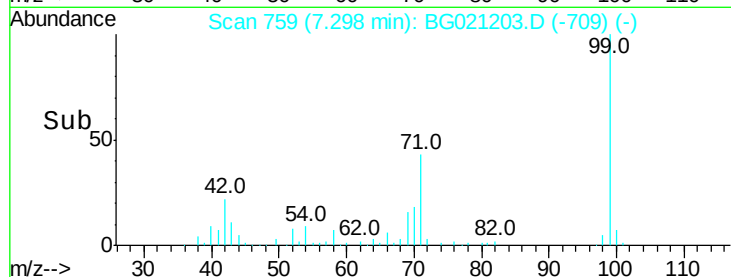
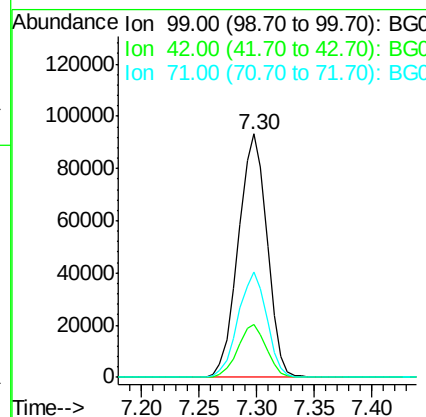
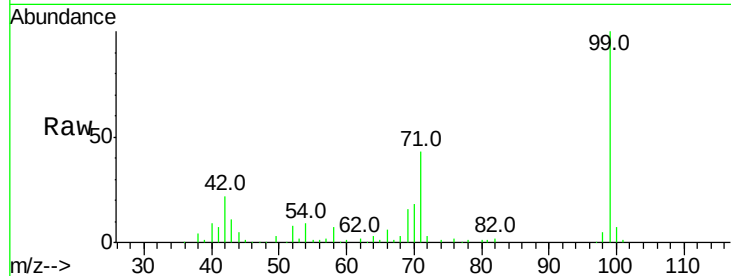
99 100

42 21.7 13.2 19.8#

71 43.1 25.2 37.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Tgt Ion: 136 Resp: 67257

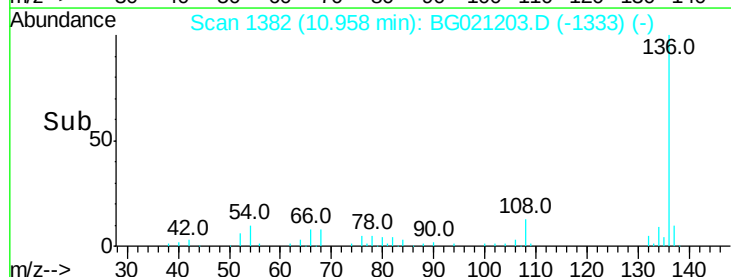
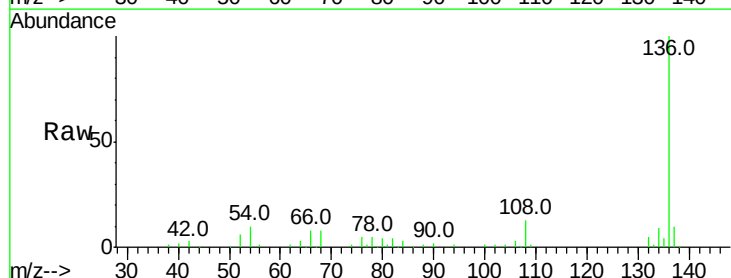
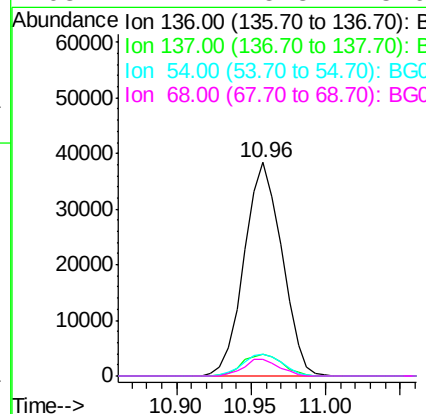
Ion Ratio Lower Upper

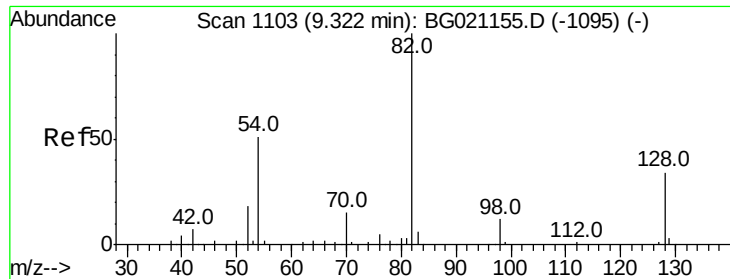
136 100

137 10.4 8.8 13.2

54 10.5 6.9 10.3#

68 7.7 5.8 8.6





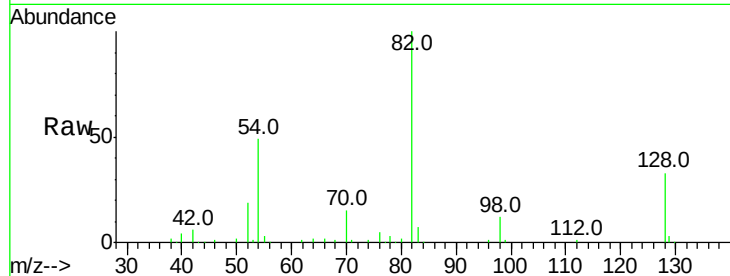
#23
Nitrobenzene-d5
Concen: 74.34 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Instrument :
BNA_G
ClientSampled :
P-11

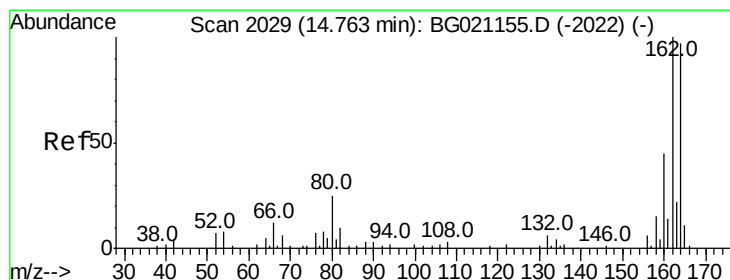
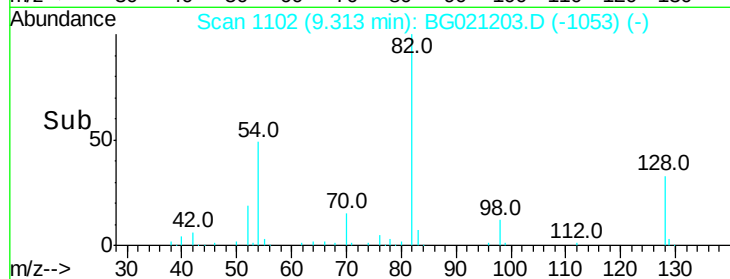
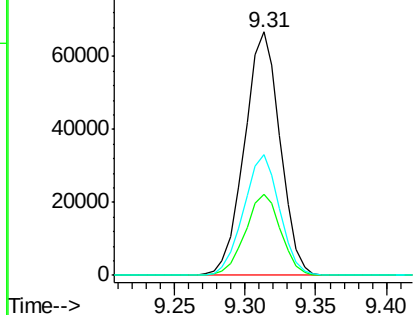
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.5	36.3	54.5#
54	49.5	37.6	56.4

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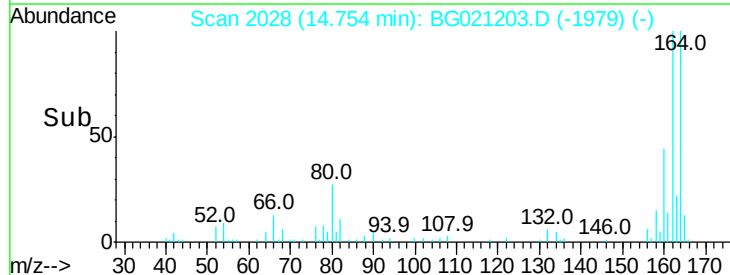
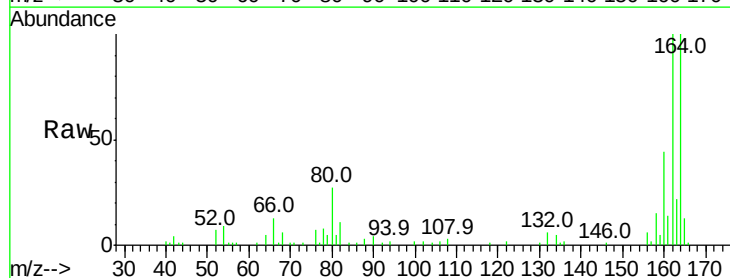
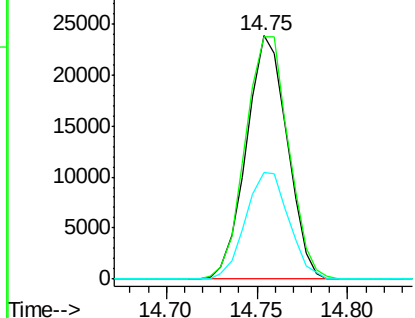
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

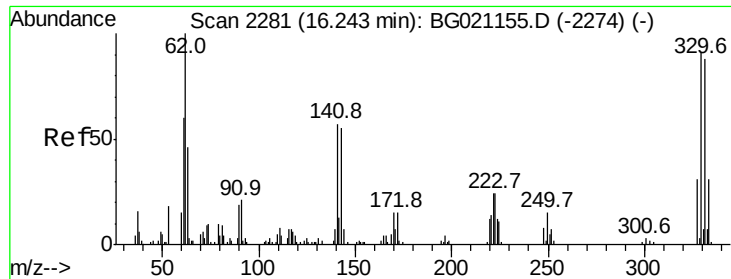


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	44.0	36.5	54.7

Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 104.45 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Instrument :

BNA_G

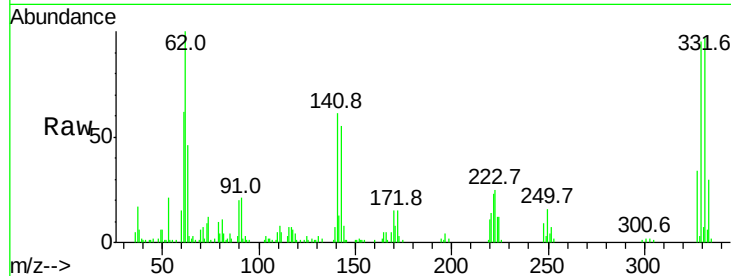
ClientSampled :

P-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.4	116.0	
141	61.1	35.3	52.9#	

Manual Integrations
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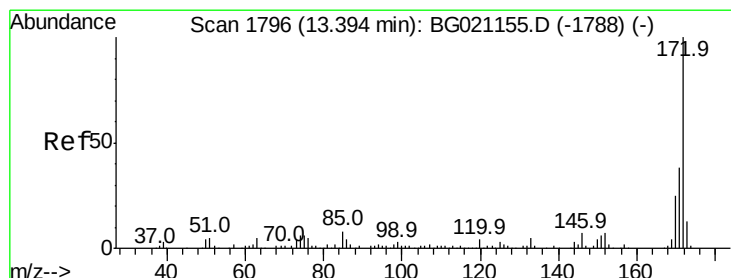
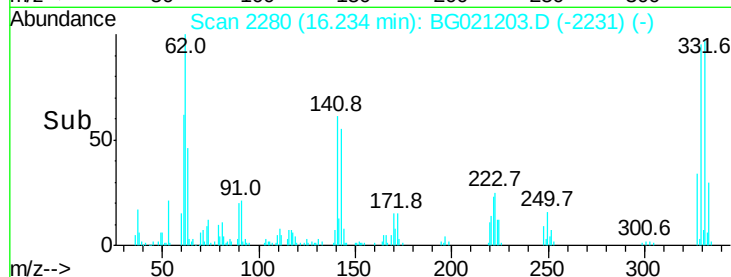
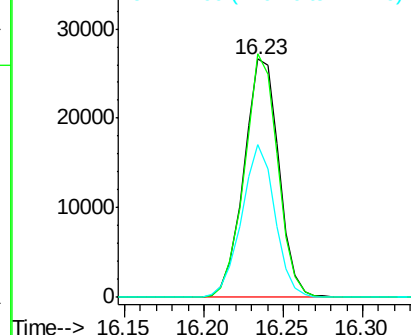


Abundance

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: 64.79 ng

RT: 13.38 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

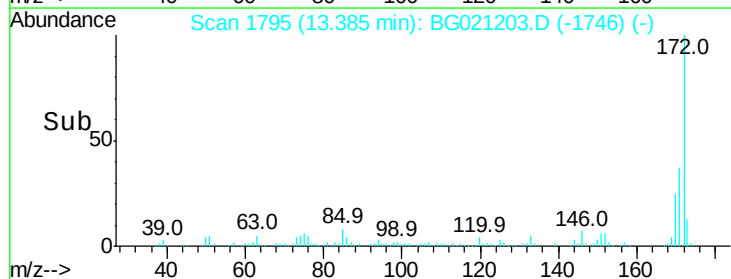
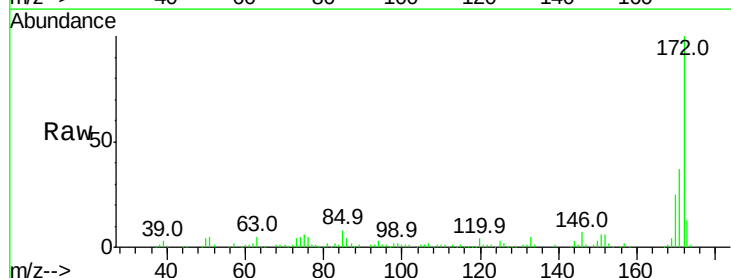
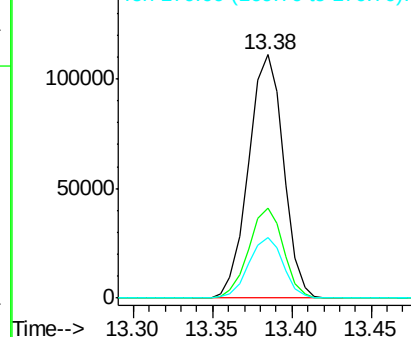
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.4	44.0	
170	25.0	19.8	29.8	

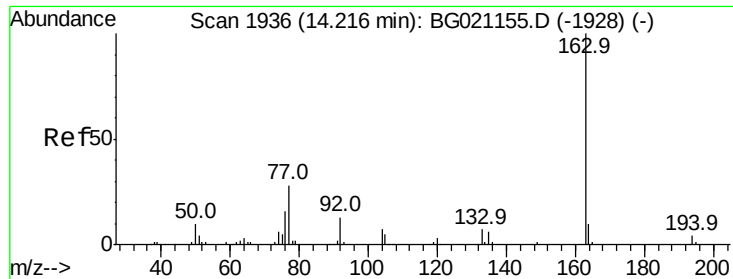
Abundance

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





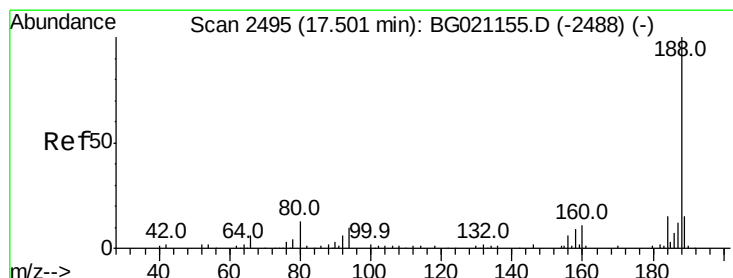
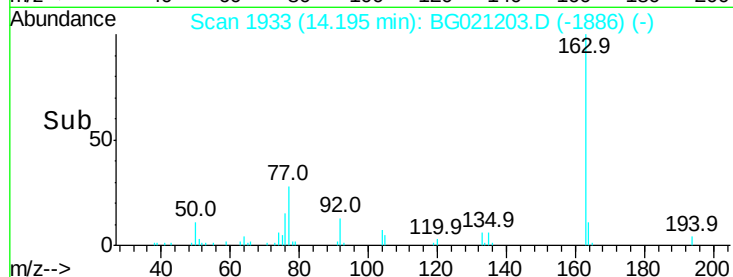
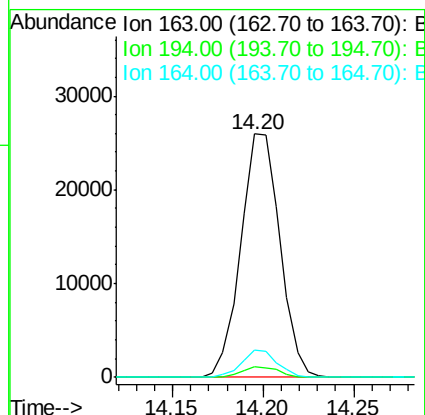
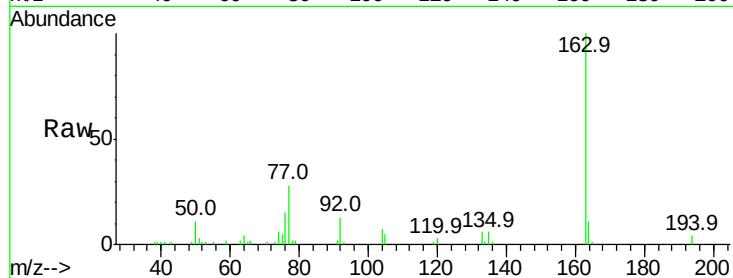
#49
Dimethylphthalate
Concen: 11.68 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Instrument :
BNA_G
ClientSampleId :
P-11

Tot Ion	Ratio	Resp	Lower	Upper
163	100	38850		
194	4.2		2.8	4.2
164	11.0		7.9	11.9

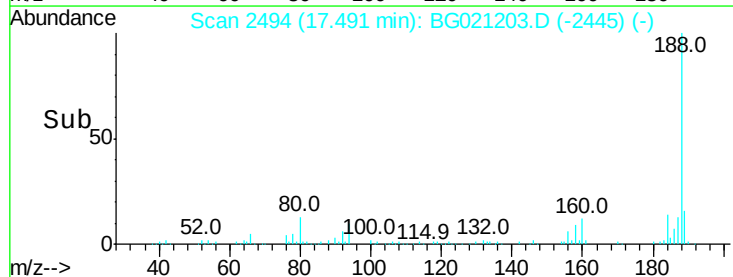
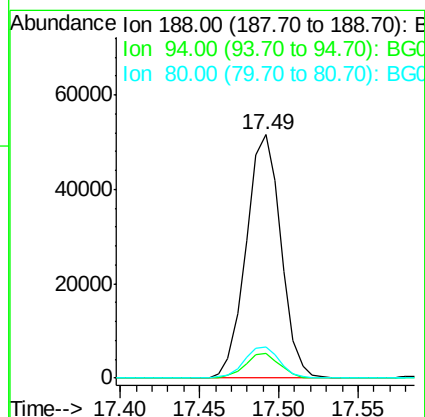
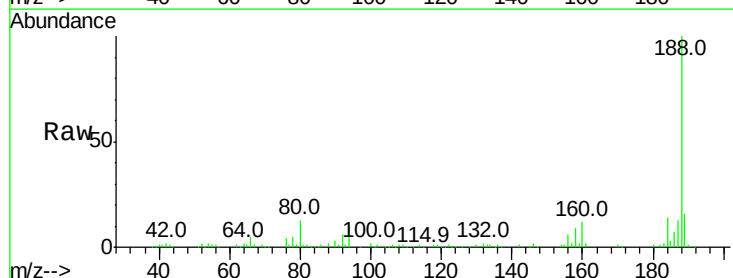
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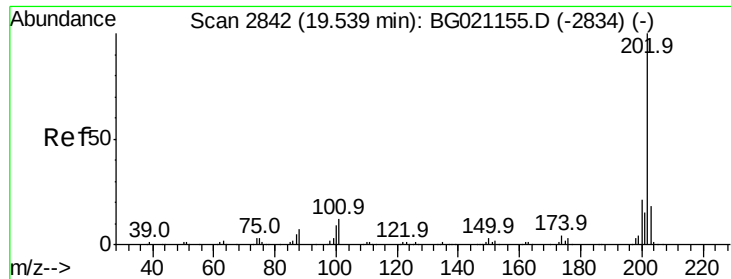
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	78557		
94	10.0		8.2	12.4
80	12.7		9.2	13.8





#74

Fluoranthene

Concen: 2.23 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Instrument :

BNA_G

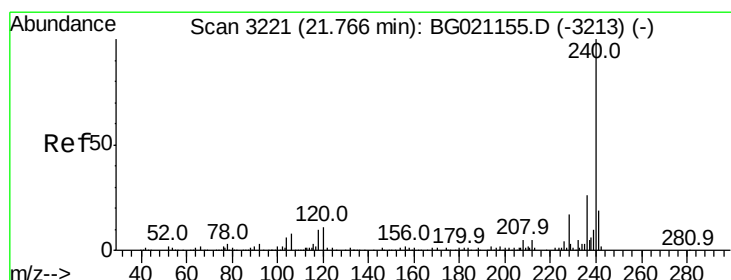
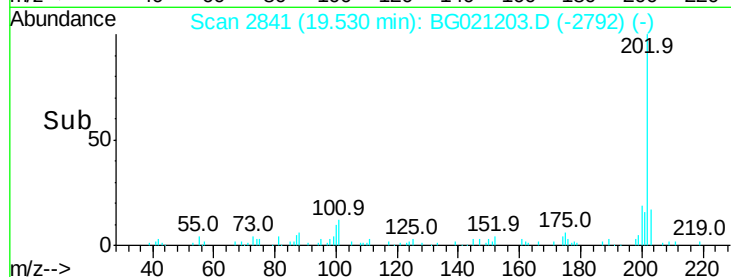
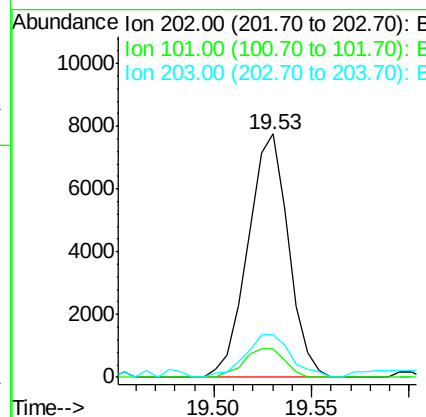
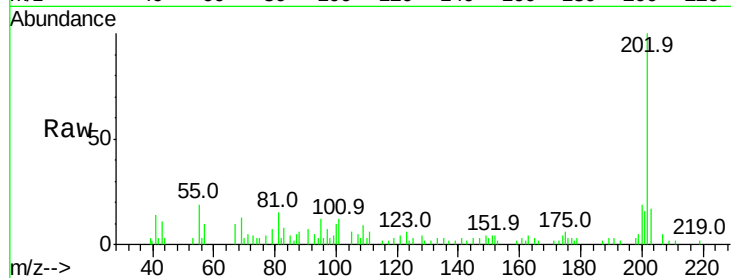
ClientSampled :

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	32.5
203	17.5	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

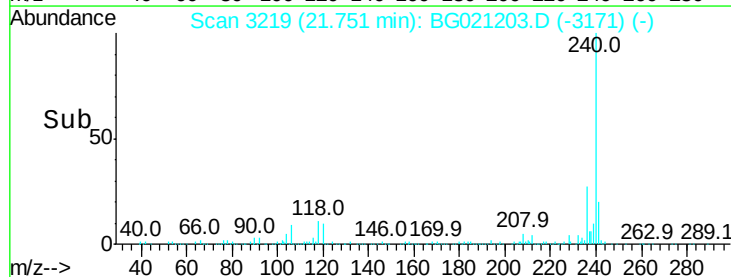
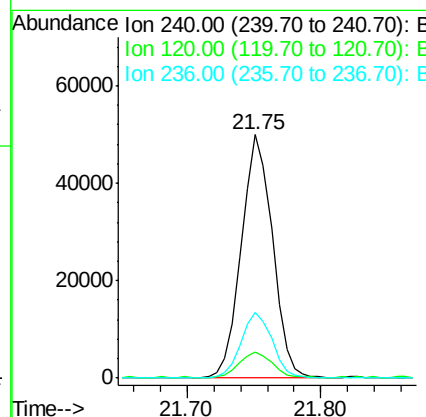
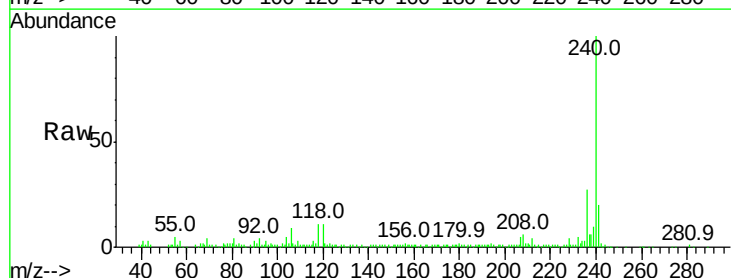
RT: 21.75 min Scan# 3219

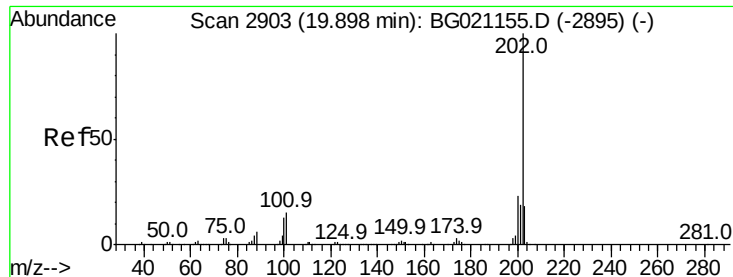
Delta R.T. -0.02 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	7.5	11.3
236	26.8	20.5	30.7





#77

Pvrene

Concen: 2.50 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Instrument :

BNA_G

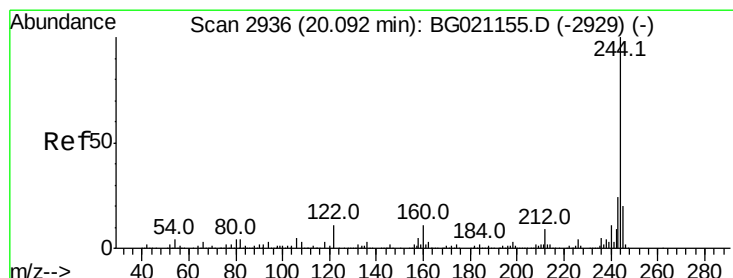
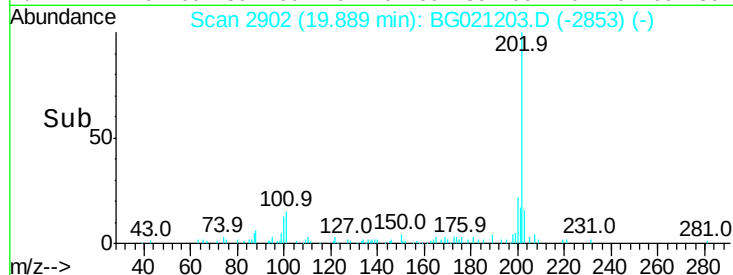
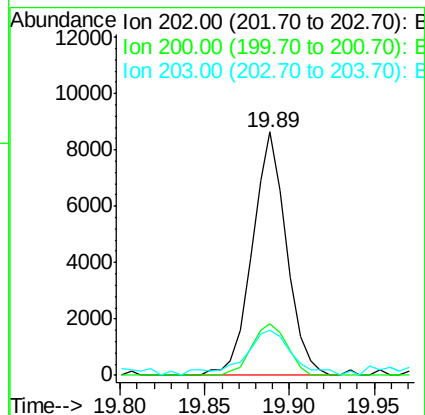
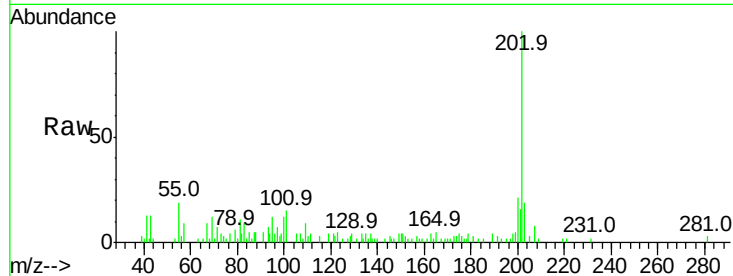
ClientSampleId :

P-11

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
200	21.2	16.6	25.0	
203	18.6	13.8	20.8	

Manual Integrations
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#78

Terphenyl-d14

Concen: 57.88 ng

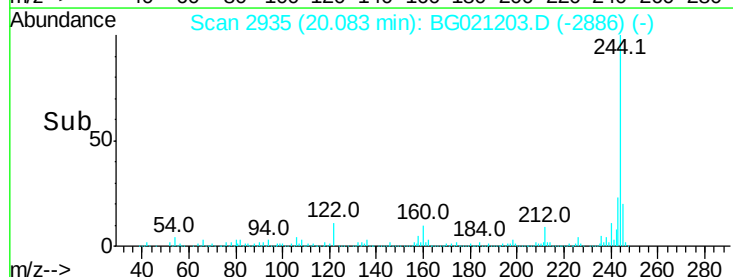
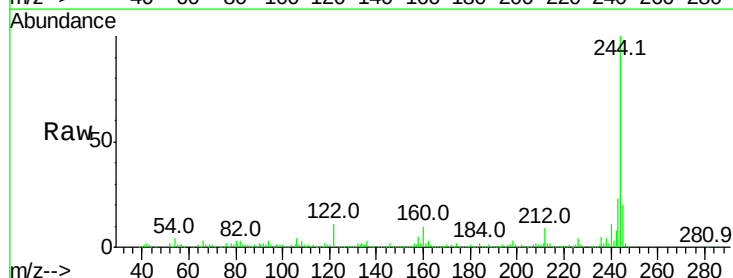
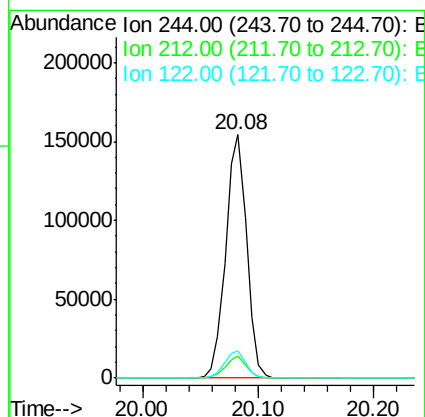
RT: 20.08 min Scan# 2935

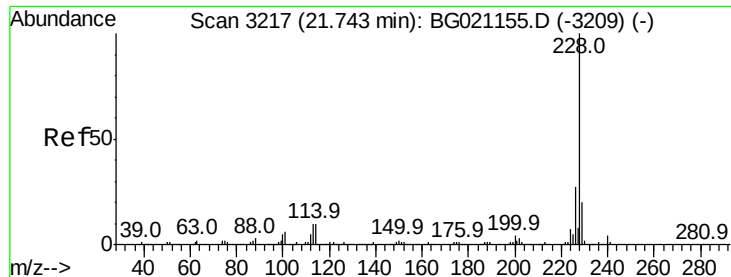
Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Tgt Ion	Ion	Ratio	Resp Lower	Upper
244	100			
212	9.0	5.8	8.6#	
122	11.0	8.3	12.5	





#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Instrument :

BNA_G

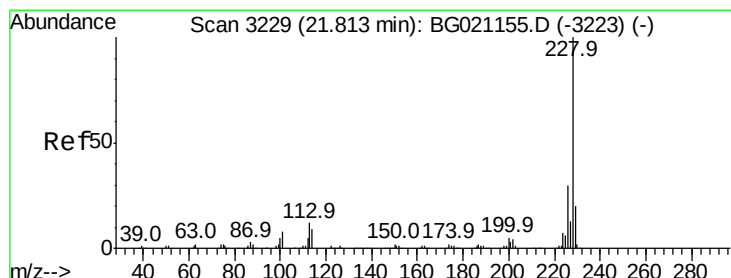
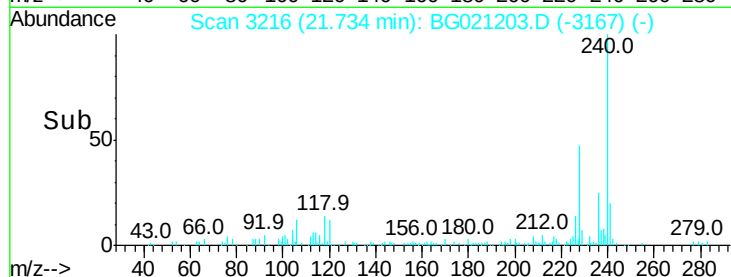
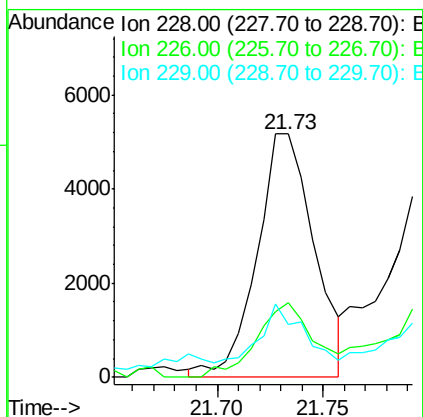
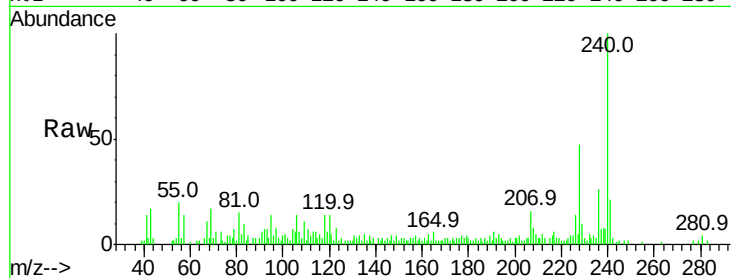
ClientSampleId :

P-11

Tot Ion:	228	Resp:	9727
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.7	34.1
229	21.6	15.5	23.3

Manual Integrations
APPROVED

Sohil
3/2/2016 9:52:12 AM



#82

Chrysene

Concen: 2.18 ng m

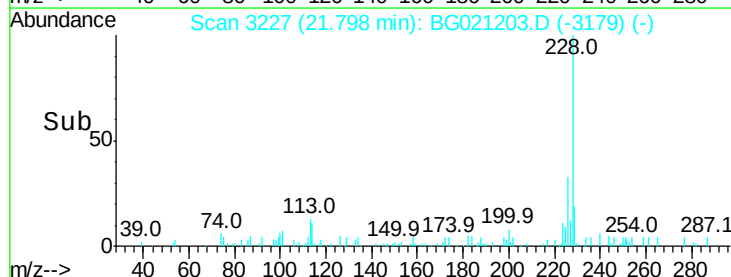
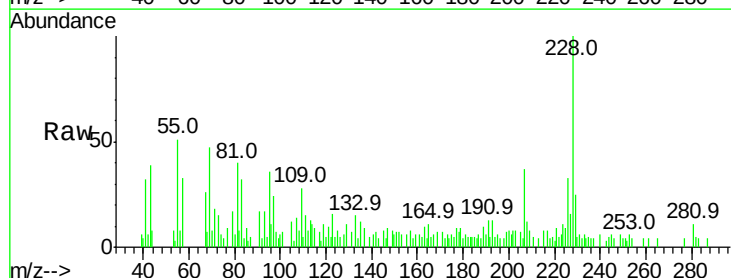
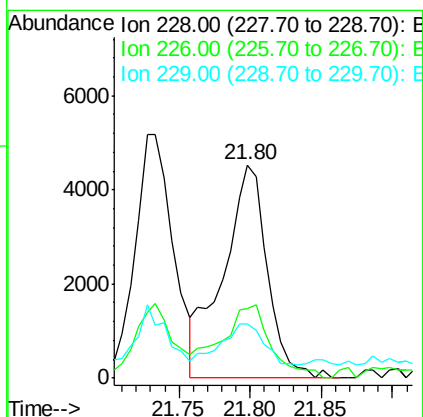
RT: 21.80 min Scan# 3227

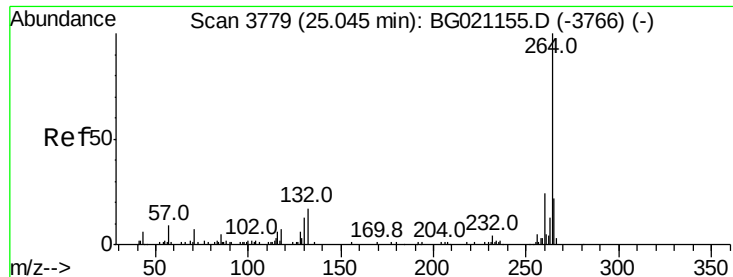
Delta R.T. -0.02 min

Lab File: BG021203.D

Acq: 2 Mar 2016 3:41

Tgt Ion:	228	Resp:	9885
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.7	35.5
229	25.2	16.7	25.1#





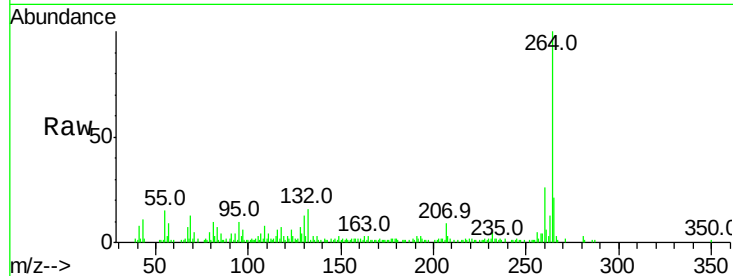
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.02 min
Lab File: BG021203.D
Acq: 2 Mar 2016 3:41

Instrument :
BNA_G
ClientSampleId :
P-11

Tot Ion:	264	Resp:	69953
Ion Ratio	Lower	Upper	
264	100		
260	25.6	18.5	27.7
265	20.6	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/2/2016 9:52:12 AM



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

