

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024647.D
 Acq On : 3 Nov 2016 11:16
 Operator : UM/SJ
 Sample : H5491-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-78-7.7-15.0

Manual Integrations
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Sohil
 11/4/2016 10:04:11 AM

Quant Time: Nov 03 18:54:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119141	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	464423	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	346864	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	794758	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1109900	20.00	ng	0.00
86) Perylene-d12	25.35	264	1159230	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	359932	49.51	ng	0.00
7) Phenol-d6	7.40	99	342852	34.38	ng	0.00
23) Nitrobenzene-d5	9.44	82	762290	74.73	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	468651	90.44	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1574204	75.43	ng	0.00
78) Terphenyl-d14	20.21	244	2673109	71.97	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.73	142	159307	9.42	ng	Qvalue 96
49) Dimethylphthalate	14.32	163	68897	2.80	ng	# 96
57) Fluorene	15.93	166	54017	2.25	ng	# 83
70) Phenanthrene	17.67	178	96018	2.37	ng	# 94

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

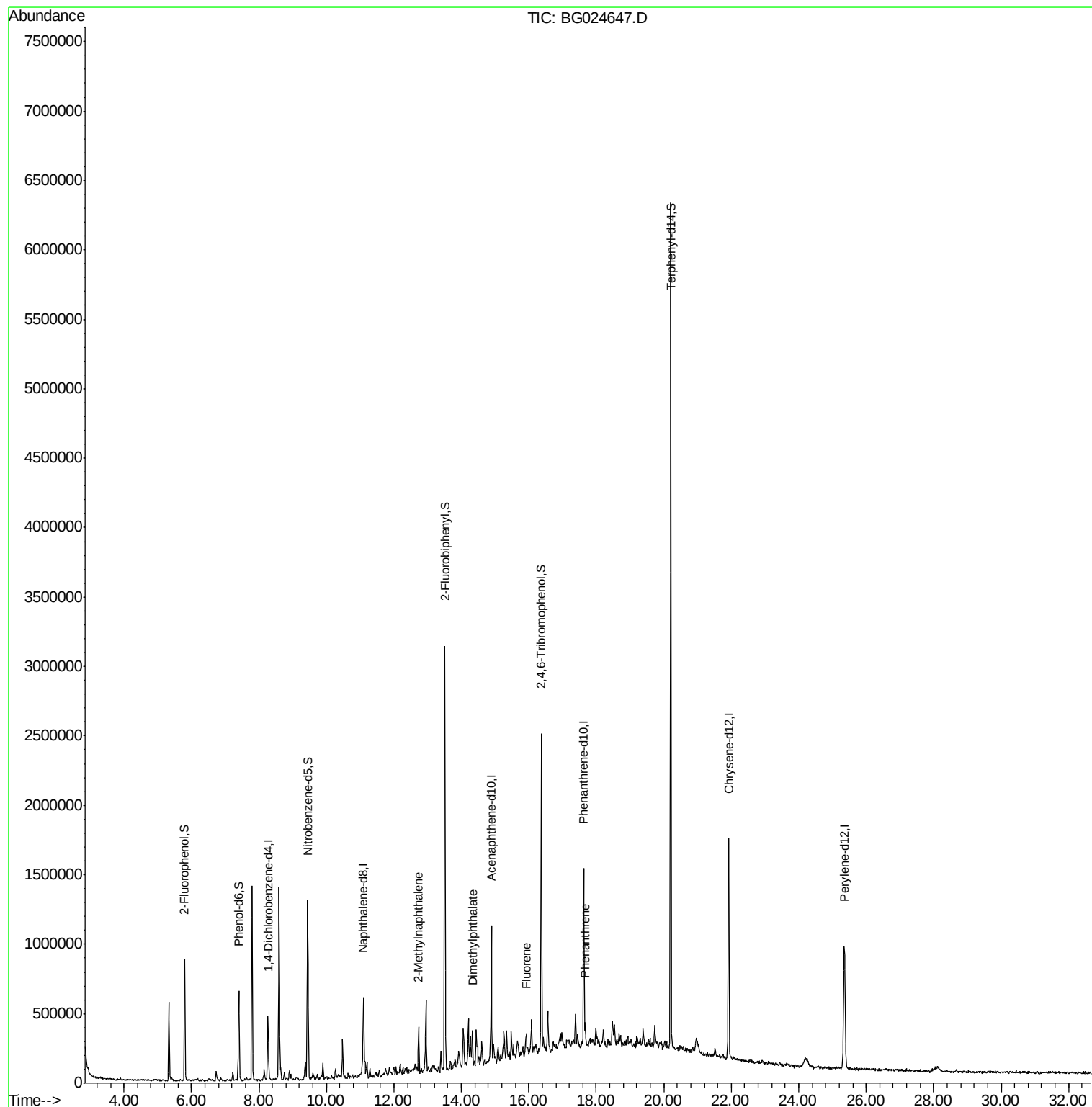
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024647.D
Acq On : 3 Nov 2016 11:16
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

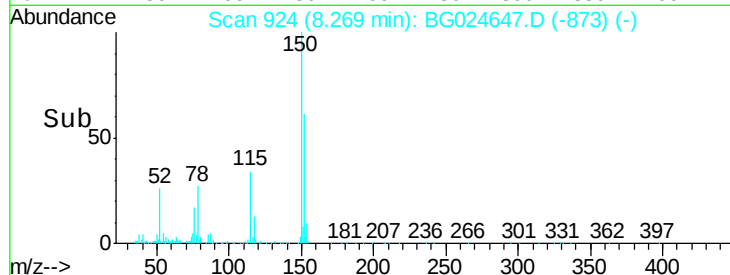
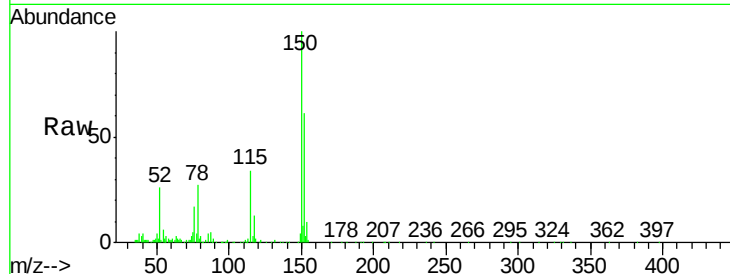
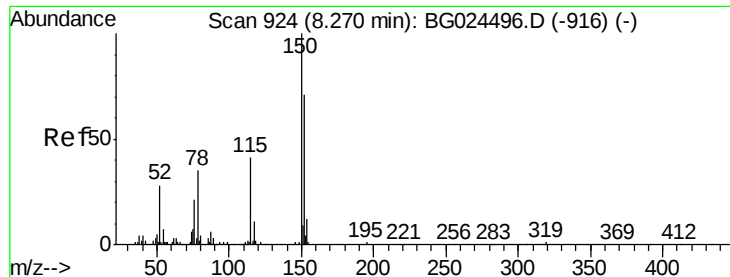
Instrument :
BNA_G
ClientSampleId :
GW-78-7.7-15.0

Manual Integrations
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Quant Time: Nov 03 18:54:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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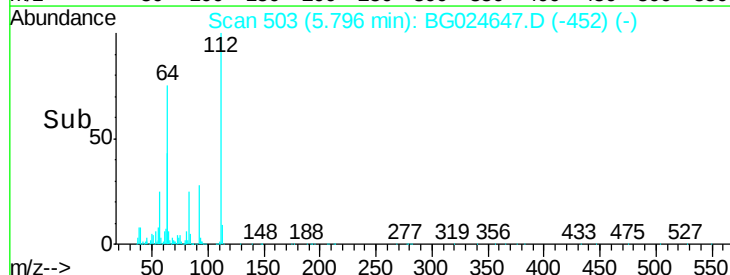
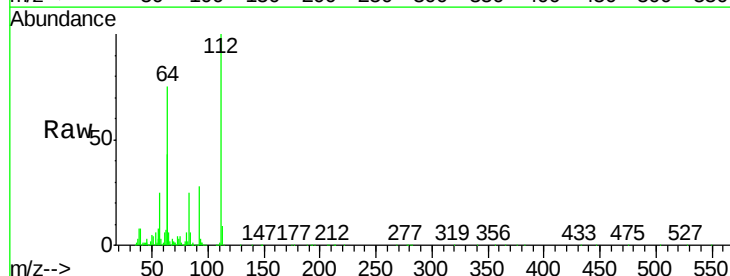
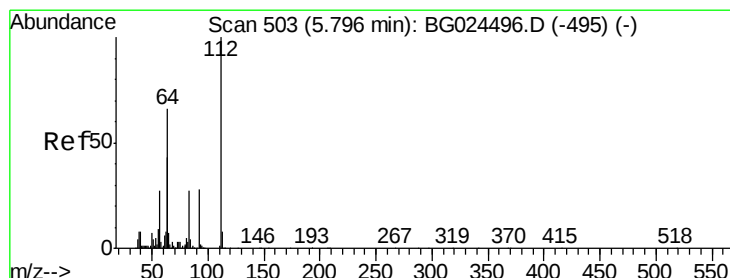
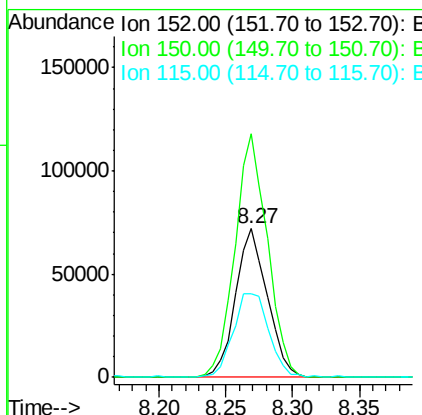
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	119141		
150	163.7	114.0	171.0	
115	56.2	48.1	72.1	

Instrument :
BNA_G
ClientSampleId :
GW-78-7.7-15.0

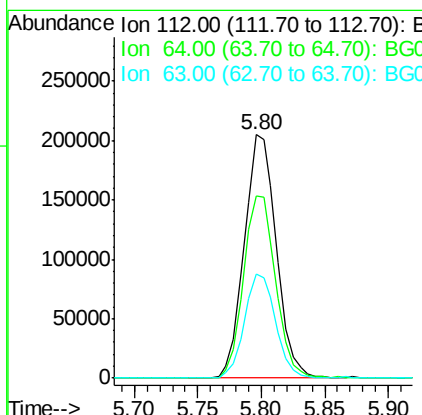
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#5
2-Fluorophenol
Concen: 49.51 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	359932		
64	74.6	61.8	92.6	
63	42.9	37.2	55.8	





#7

Phenol-d6

Concen: 34.38 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024647.D

Acq: 3 Nov 2016 11:16

Instrument :

BNA_G

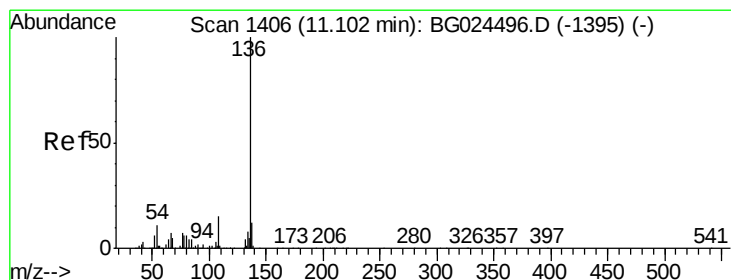
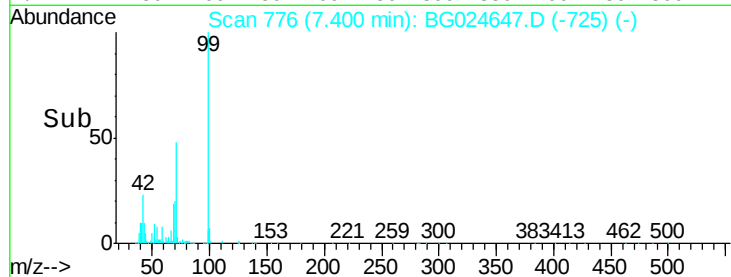
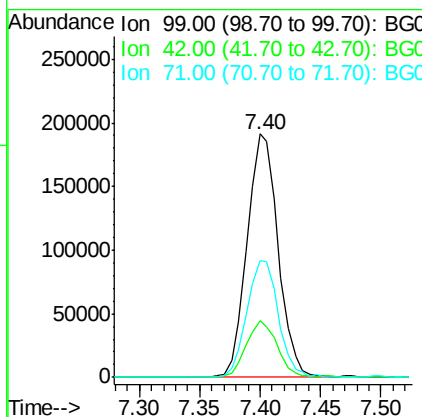
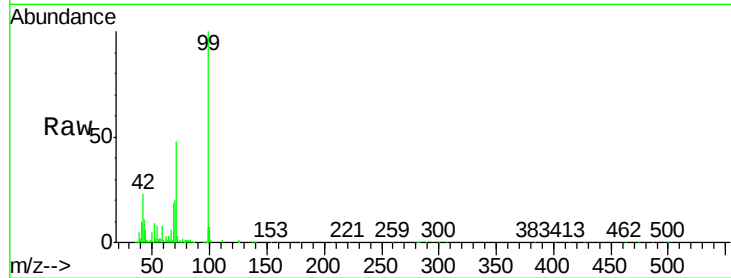
ClientSampleId :

GW-78-7.7-15.0

Tgt Ion:	99	Resp:	342852
Ion Ratio	Lower	Upper	
99	100		
42	23.2	20.5	30.7
71	48.0	37.6	56.4

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#21

Naphthalene-d8

Concen: 20.00 ng

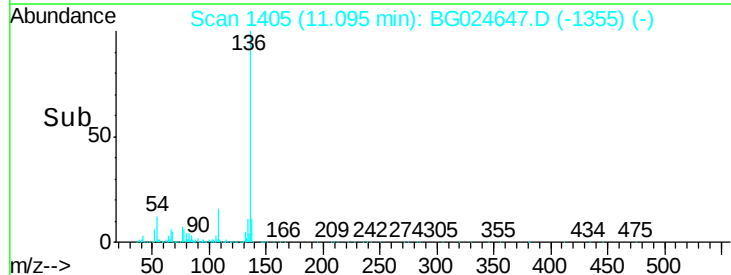
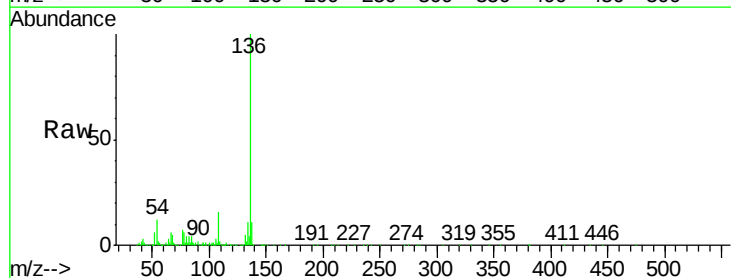
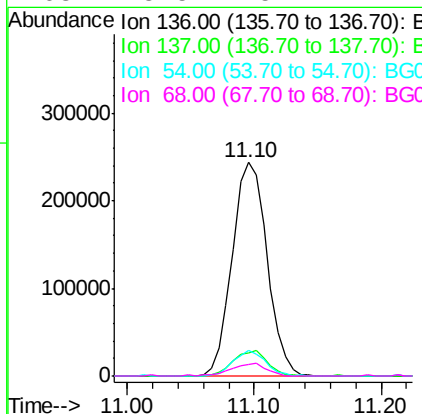
RT: 11.10 min Scan# 1405

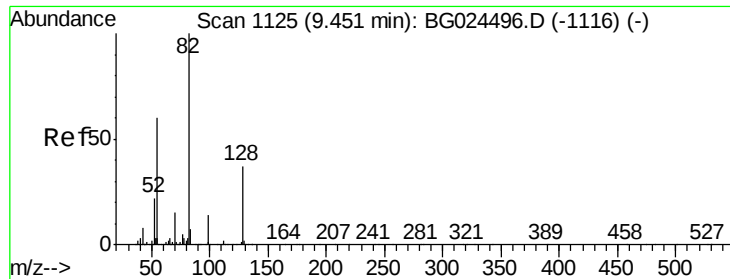
Delta R.T. -0.01 min

Lab File: BG024647.D

Acq: 3 Nov 2016 11:16

Tgt Ion:	136	Resp:	464423
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	12.3	9.3	13.9
68	5.5	5.1	7.7





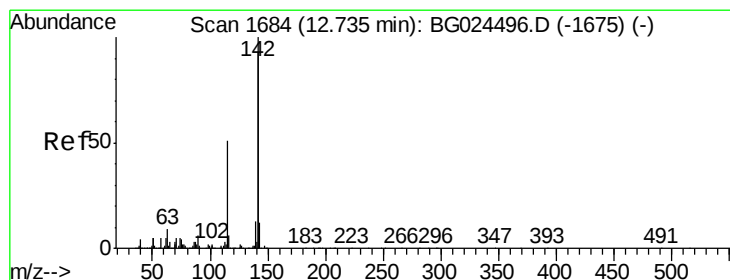
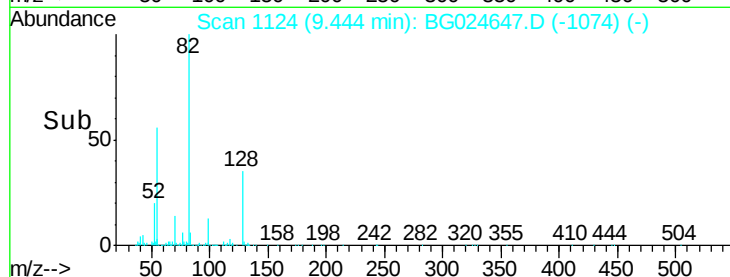
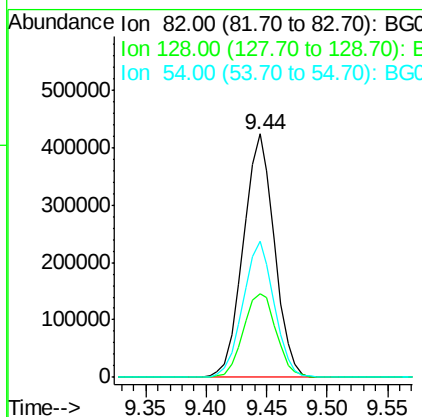
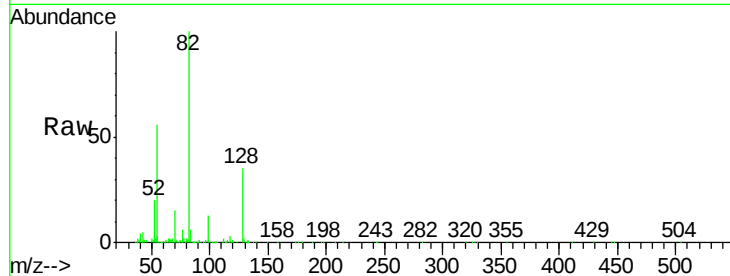
#23
Nitrobenzene-d5
Concen: 74.73 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Instrument :
BNA_G
ClientSampleId :
GW-78-7.7-15.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	56.1	49.4	74.2

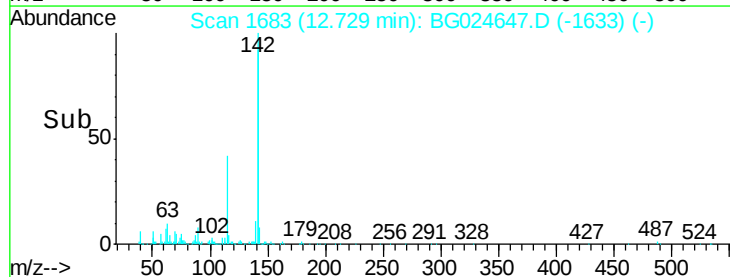
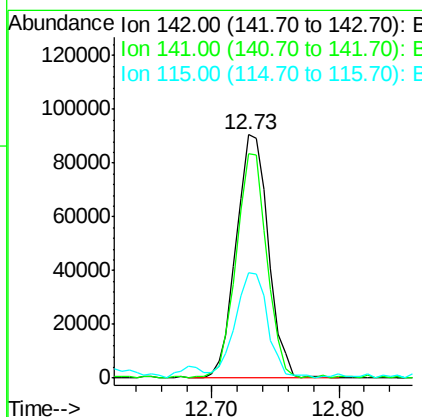
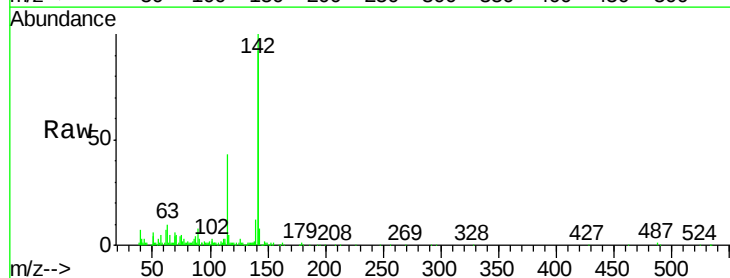
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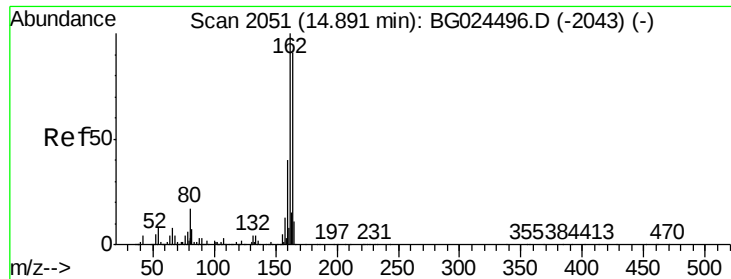
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#37
2-Methylnaphthalene
Concen: 9.42 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.4	105.6
115	43.4	35.5	53.3





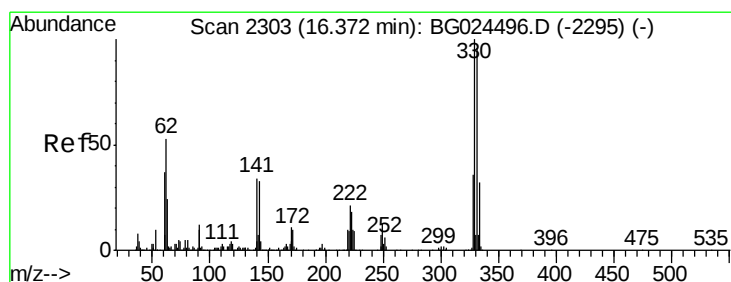
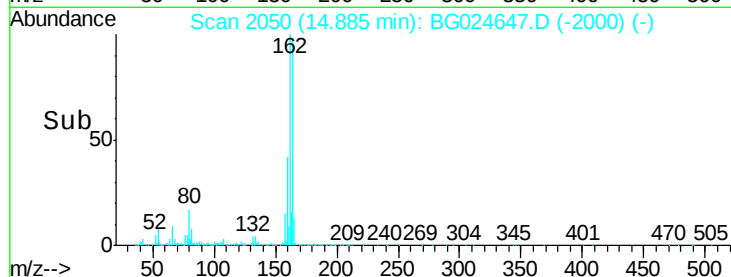
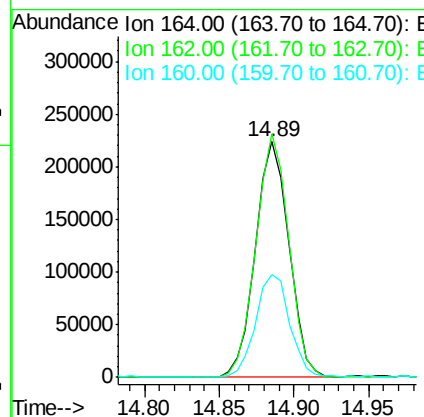
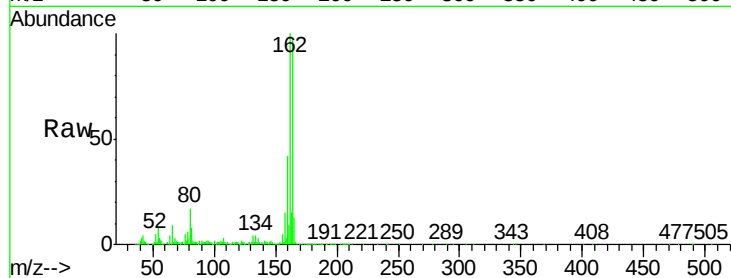
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Instrument :
BNA_G
ClientSampleId :
GW-78-7.7-15.0

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	346864		
162	103.3	85.1	127.7	
160	43.6	34.7	52.1	

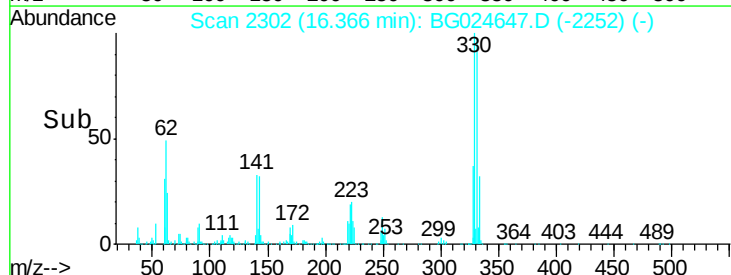
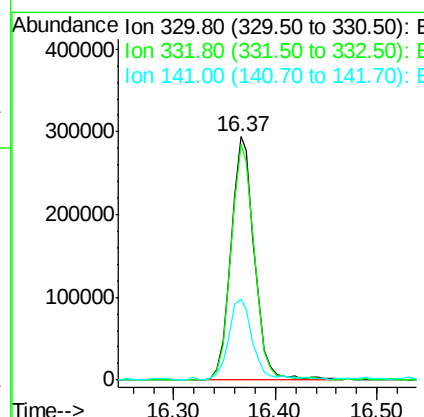
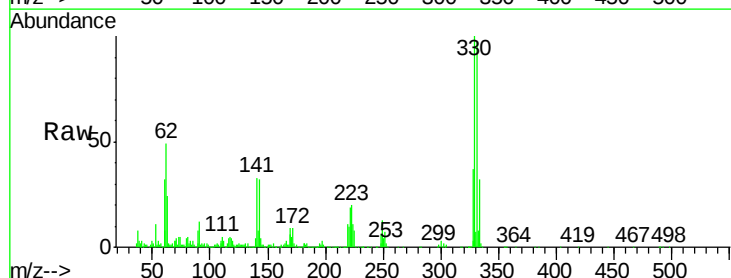
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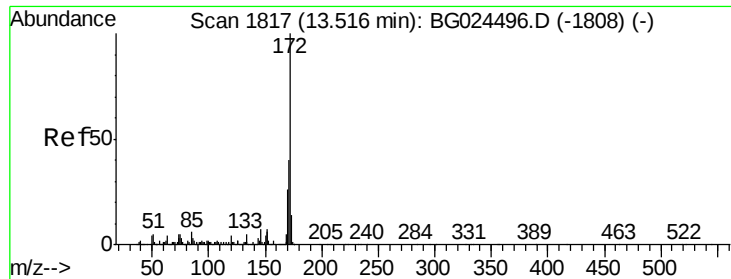
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#41
2,4,6-Tribromophenol
Concen: 90.44 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

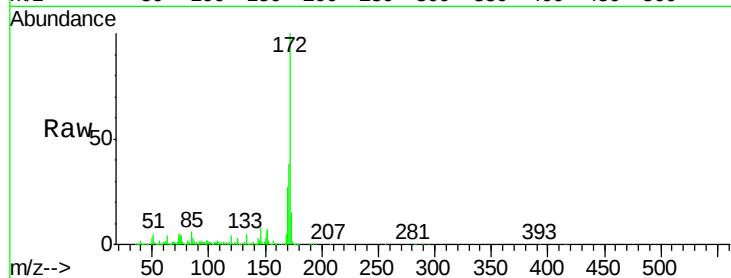
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	468651		
332	97.1	77.3	115.9	
141	32.3	32.1	48.1	





#44
2-Fluorobiphenyl
Concen: 75.43 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

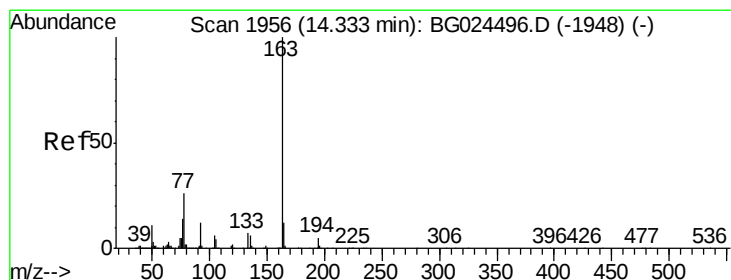
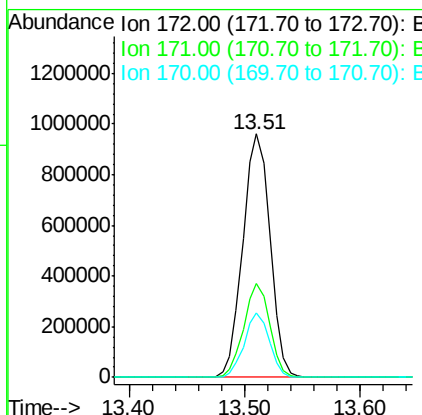
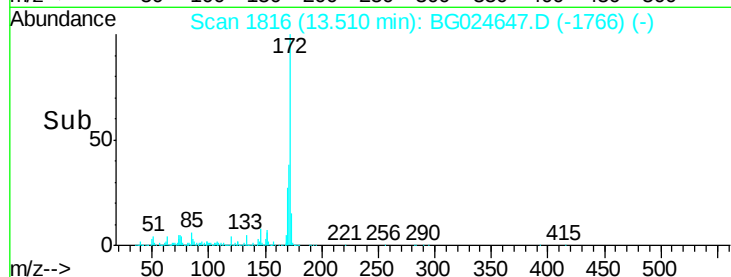
Instrument :
BNA_G
ClientSampleId :
GW-78-7.7-15.0



Tgt Ion:172 Resp: 1574204
Ion Ratio Lower Upper
172 100
171 38.5 32.2 48.2
170 26.7 21.8 32.6

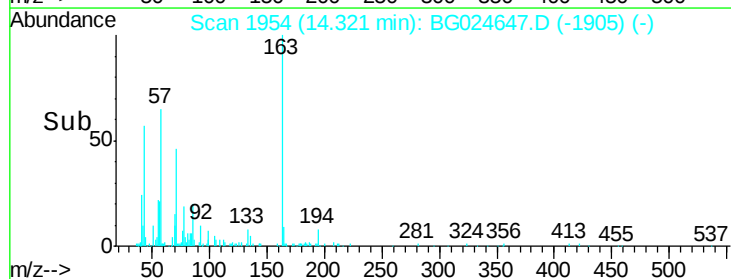
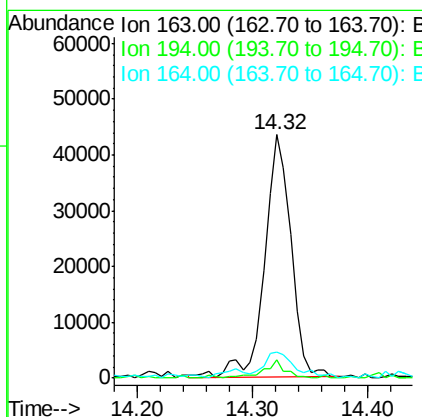
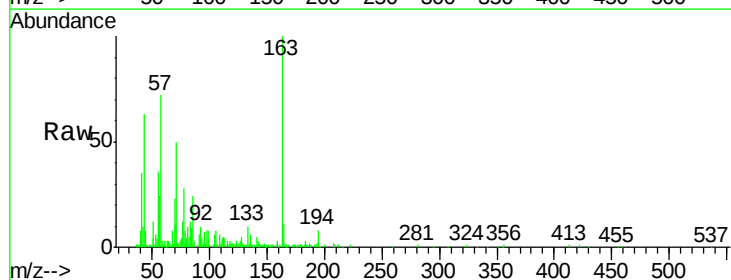
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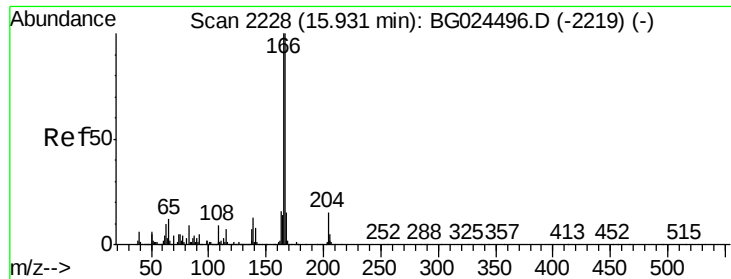
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#49
Dimethylphthalate
Concen: 2.80 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024647.D
Acq: 3 Nov 2016 11:16

Tgt Ion:163 Resp: 68897
Ion Ratio Lower Upper
163 100
194 7.6 3.8 5.6#
164 10.7 9.3 13.9





#57

Fluorene

Concen: 2.25 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG024647.D

Acq: 3 Nov 2016 11:16

Instrument :

BNA_G

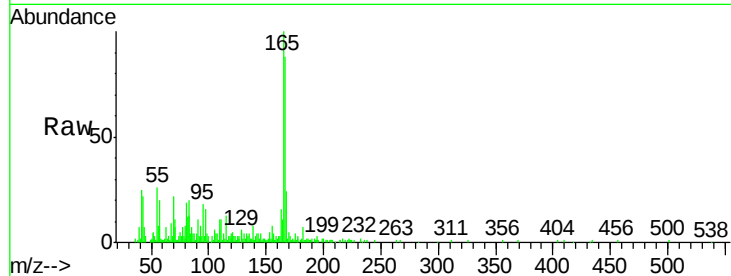
ClientSampleId :

GW-78-7.7-15.0

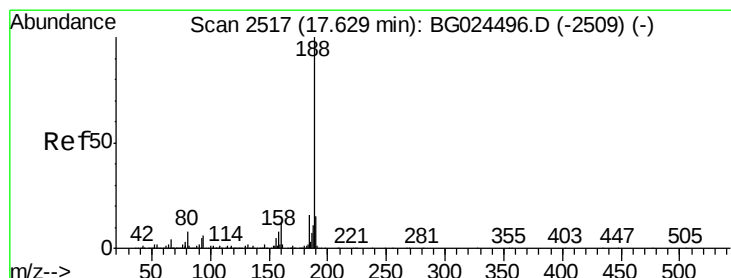
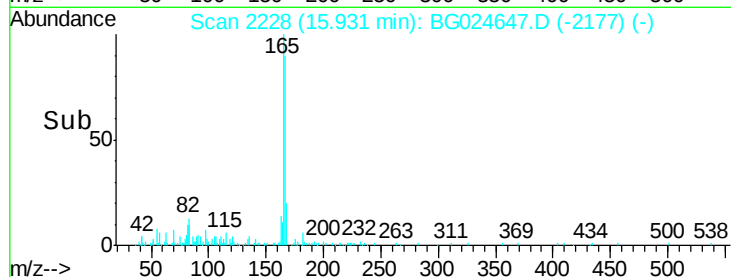
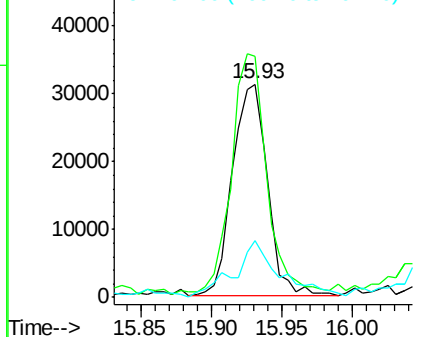
Tgt Ion	Ratio	Lower	Upper
166	100		
165	113.2	78.6	117.8
167	26.7	11.6	17.4

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

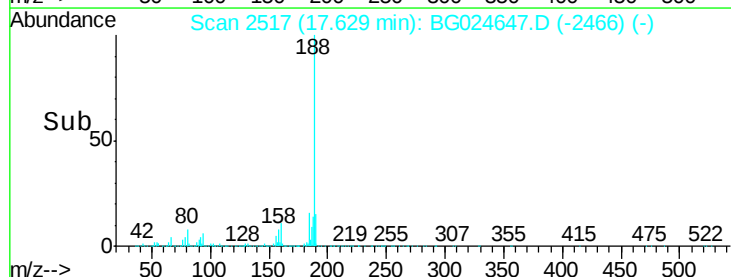
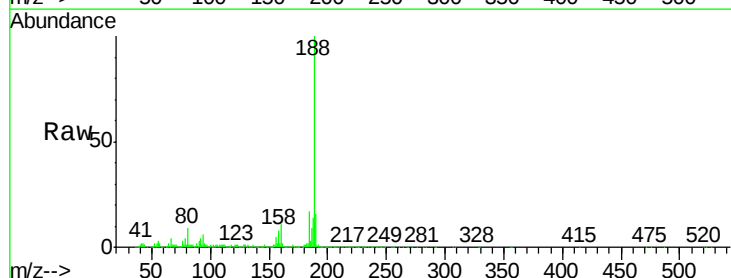
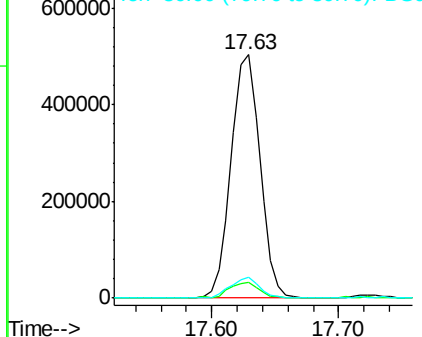
Delta R.T. -0.00 min

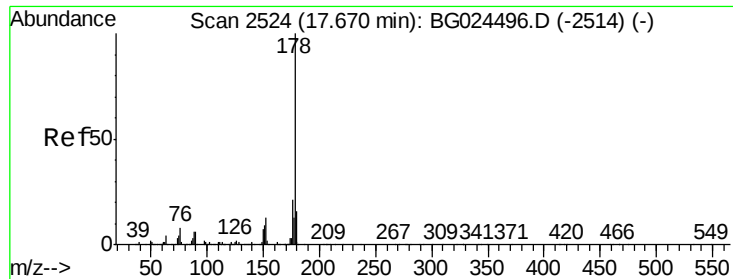
Lab File: BG024647.D

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Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.6	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





#70

Phenanthrene

Concen: 2.37 ng

RT: 17.67 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG024647.D

Acq: 3 Nov 2016 11:16

Instrument :

BNA_G

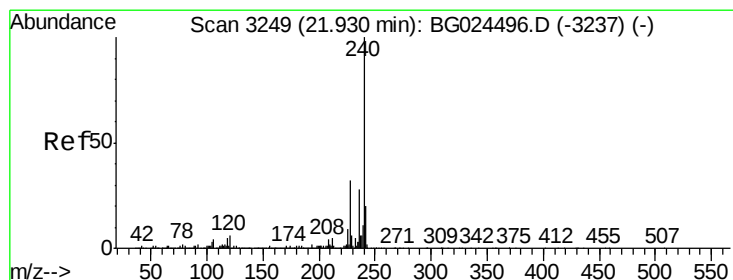
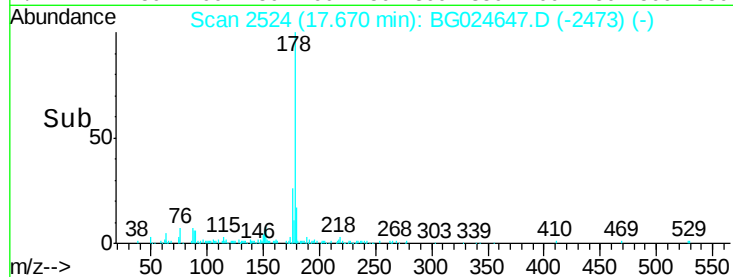
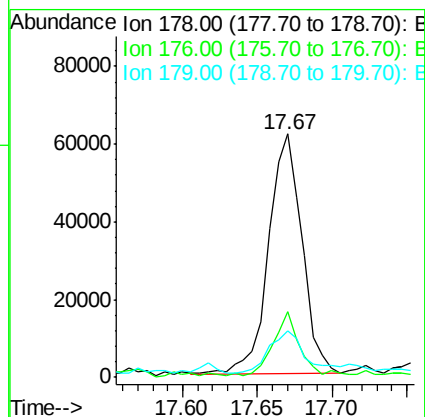
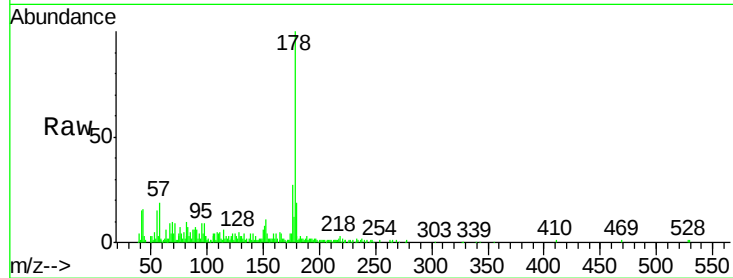
ClientSampleId :

GW-78-7.7-15.0

Tgt Ion:	178	Resp:	96018
Ion Ratio	Lower	Upper	
178	100		
176	26.9	17.7	26.5#
179	19.0	15.0	22.6

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

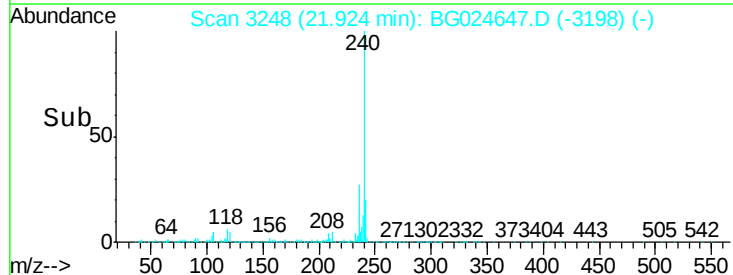
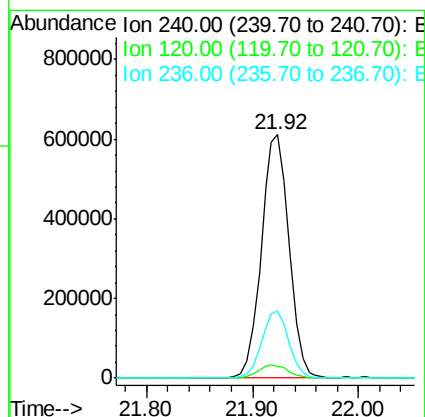
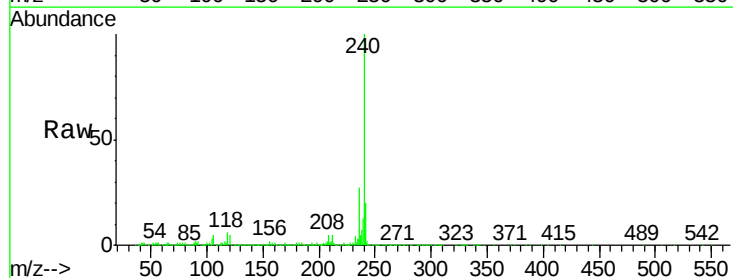
RT: 21.92 min Scan# 3248

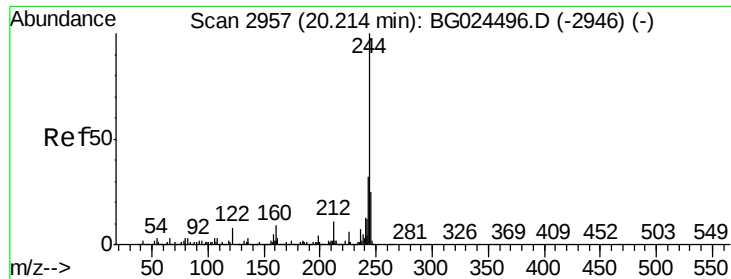
Delta R.T. -0.01 min

Lab File: BG024647.D

Acq: 3 Nov 2016 11:16

Tgt Ion:	240	Resp:	1109900
Ion Ratio	Lower	Upper	
240	100		
120	5.1	5.7	8.5#
236	27.3	22.2	33.4





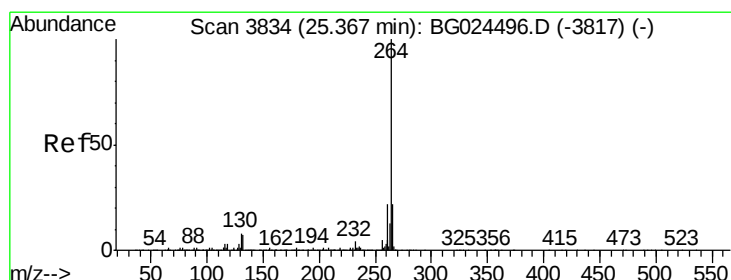
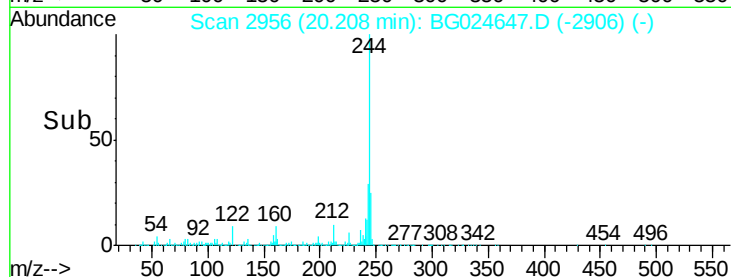
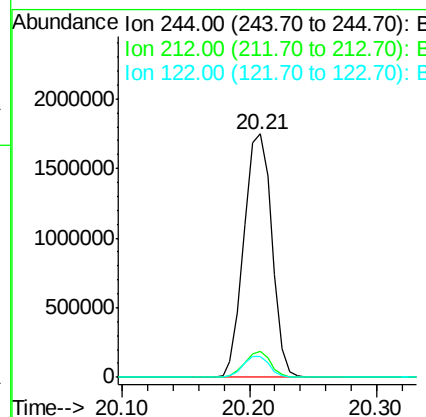
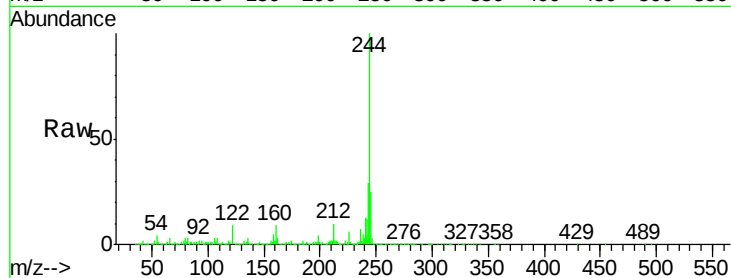
#78
 Terphenyl-d14
 Concen: 71.97 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024647.D
 Acq: 3 Nov 2016 11:16

Instrument :
 BNA_G
 ClientSampleId :
 GW-78-7.7-15.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.0	15.0
122	8.6	8.6	12.8

Manual Integrations
 APPROVED

Sohil
 11/4/2016 10:04:11 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024647.D
 Acq: 3 Nov 2016 11:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	21.6	18.2	27.4

