Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024651.D
Acq On : 3 Nov 2016 13:51
Operator : UM/SJ
Sample : H5502-30
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:13 AM

Quant Time: Nov 03 19:05:07 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	122495	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	449951	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	331835	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	792499	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1103648	20.00	ng	0.00
86) Perylene-d12	25.35	264	1136170	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	374761	50.14	ng	0.00
7) Phenol-d6	7.40	99	339902	33.15	ng	0.00
23) Nitrobenzene-d5	9.44	82	727652	73.63	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	585535	118.11	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1519120	76.09	ng	0.00
78) Terphenyl-d14	20.21	244	2402097	65.04	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.15	128	48073	2.14	ng	# 94
37) 2-Methylnaphthalene	12.73	142	33797	2.06	ng	90
51) Acenaphthene	14.95	154	122046	6.09	ng	99
54) Dibenzofuran	15.28	168	252780	9.12	ng	# 94
57) Fluorene	15.93	166	46318	2.02	ng	89
70) Phenanthrene	17.67	178	1205934	29.85	ng	96
71) Anthracene	17.76	178	85985m	2.11	ng	
72) Carbazole	18.03	167	80314	2.16	ng	95
74) Fluoranthene	19.66	202	401606	7.86	ng	91
77) Pyrene	20.02	202	258250	4.79	ng	95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024651.D
Acq On : 3 Nov 2016 13:51
Operator : UM/SJ
Sample : H5502-30
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 03 19:05:07 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

Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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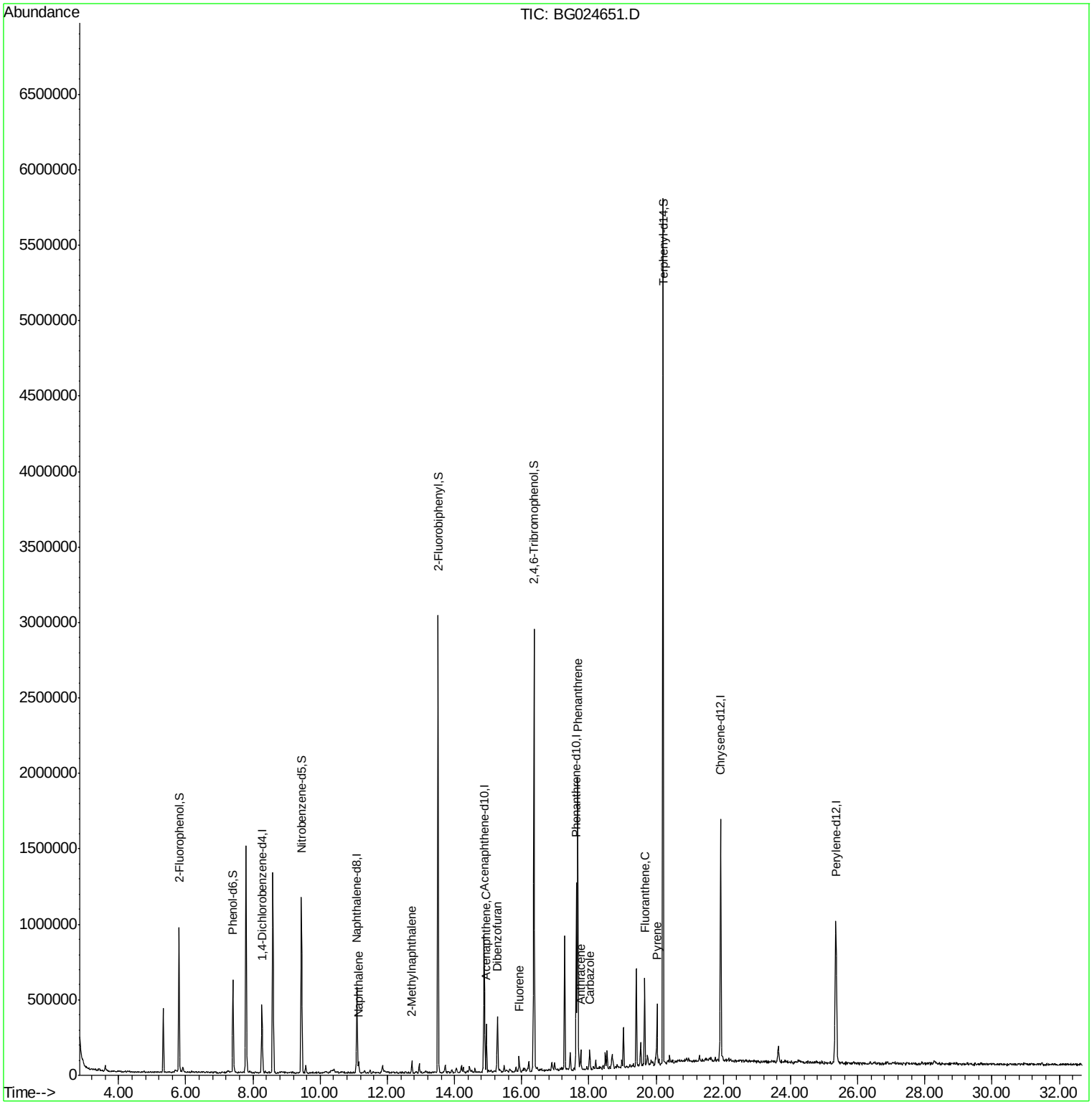
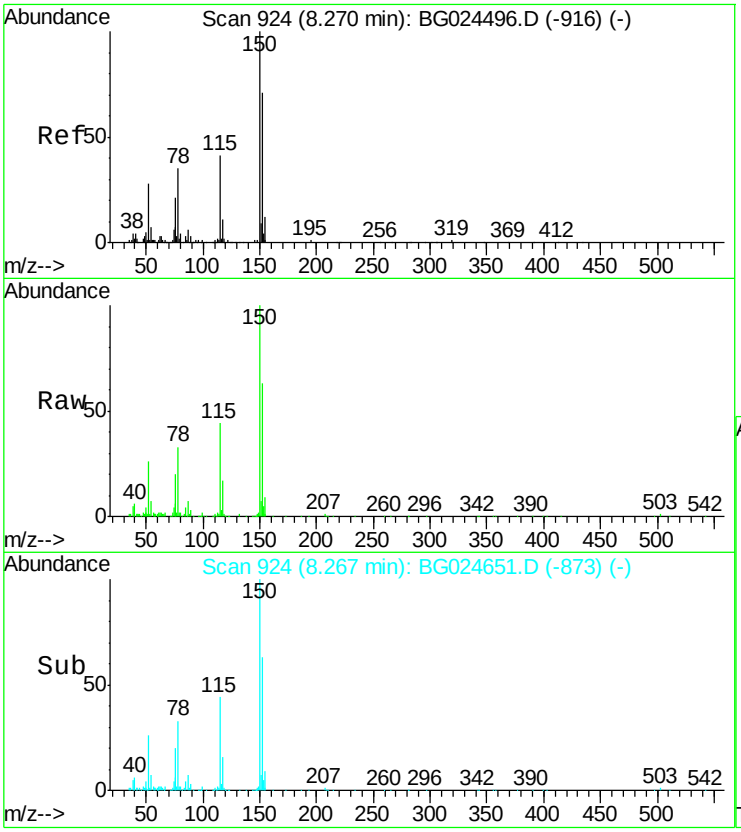
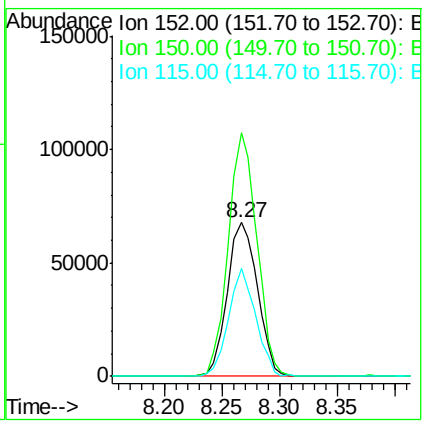




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:152 Resp: 122495

Ion	Ratio	Lower	Upper
152	100		
150	158.6	114.0	171.0
115	70.4	48.1	72.1



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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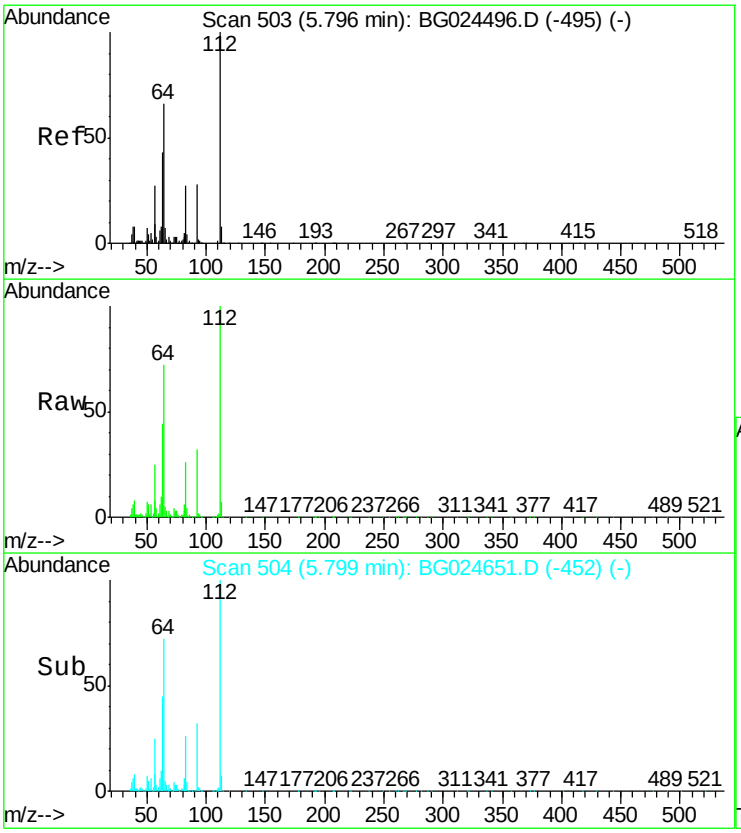
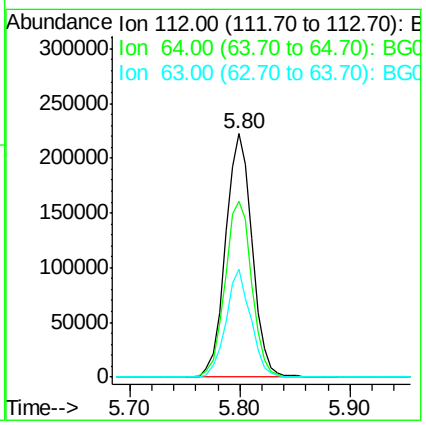
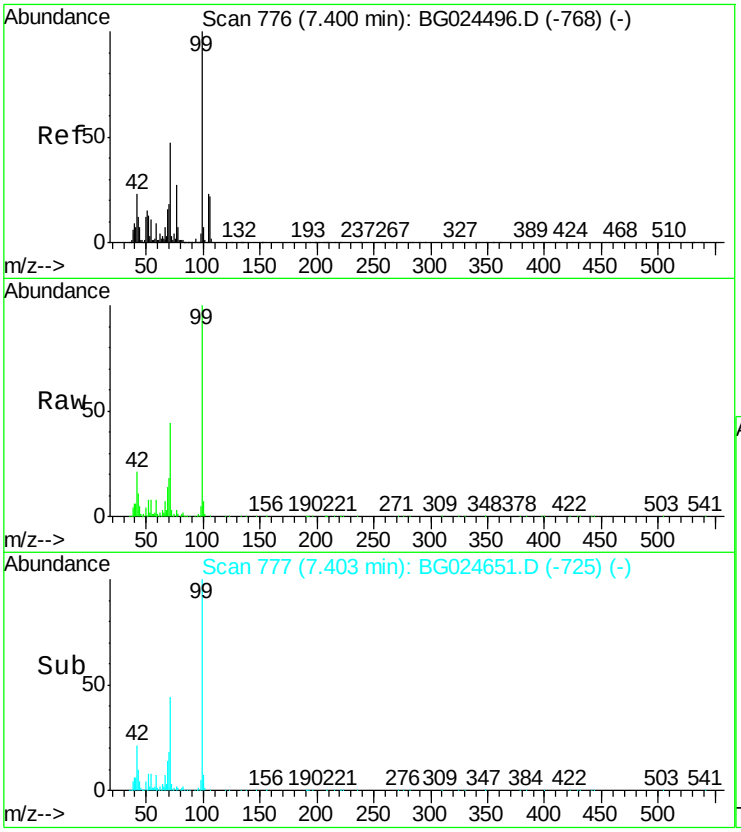


#5
2-Fluorophenol
Concen: 50.14 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:112 Resp: 374761

Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.8	92.6
63	44.5	37.2	55.8

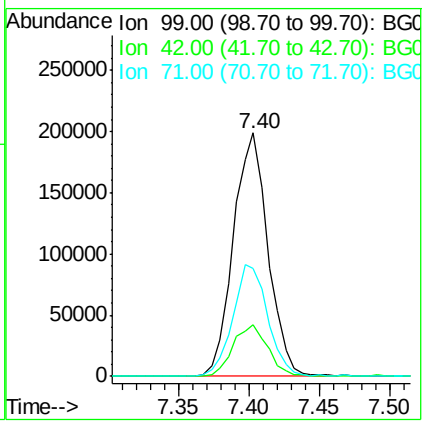




#7
Phenol-d6
Concen: 33.15 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion: 99 Resp: 339902

Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.5	30.7
71	44.3	37.6	56.4



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

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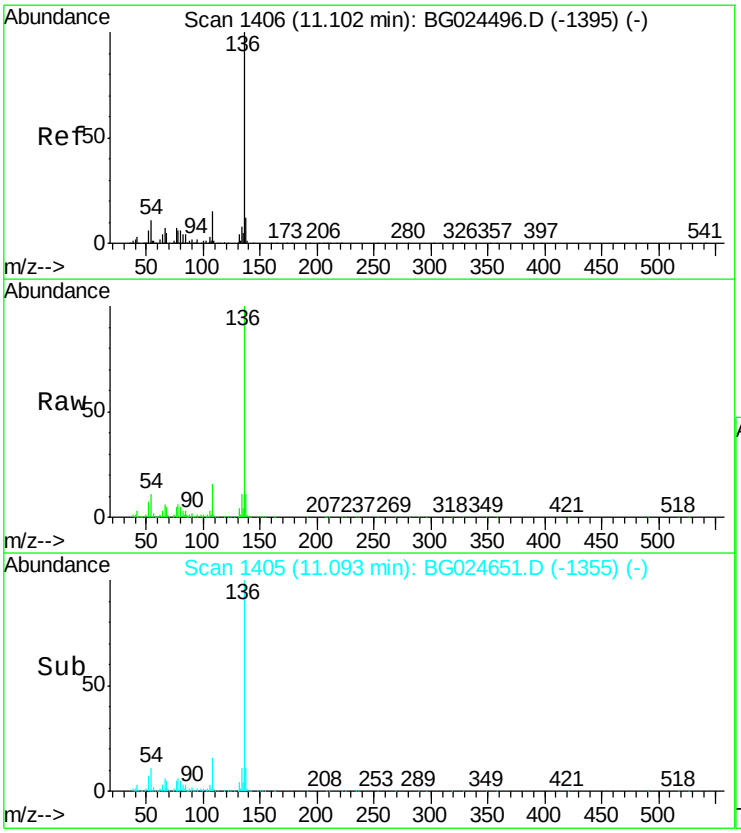
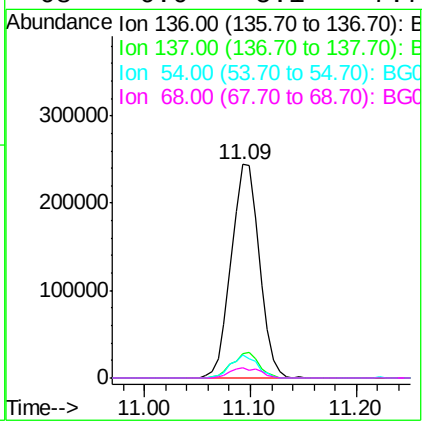
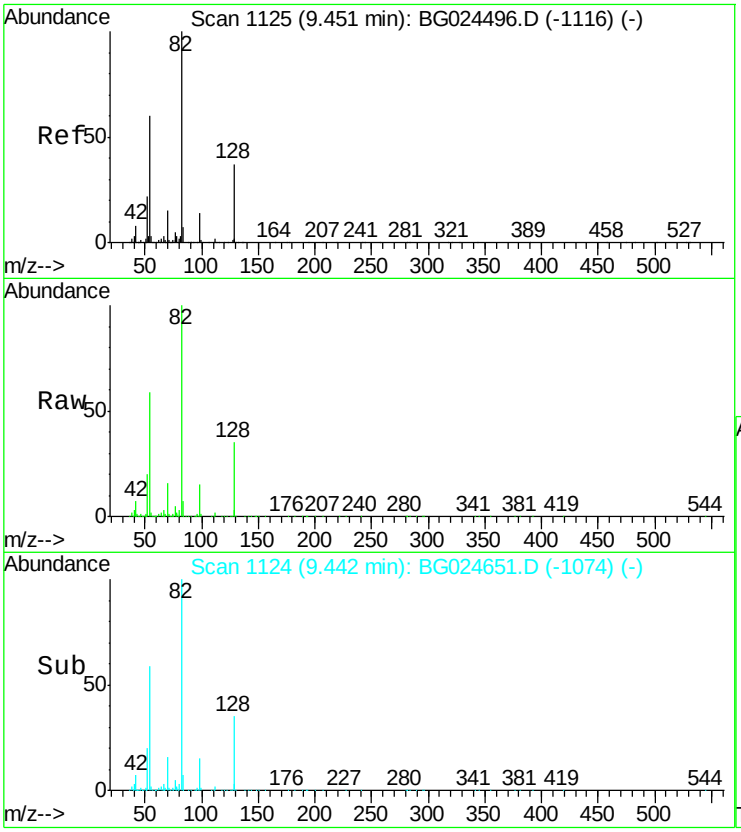


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:136 Resp: 449951

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.9	9.3	13.9
68	6.0	5.1	7.7

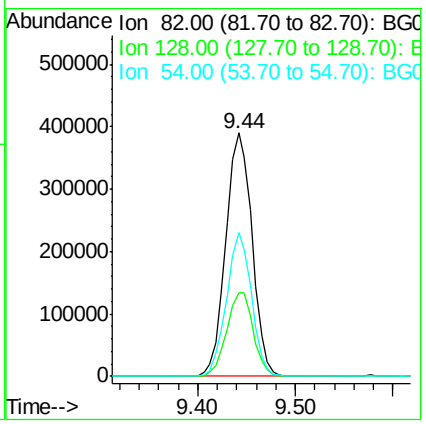




#23
Nitrobenzene-d5
Concen: 73.63 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion: 82 Resp: 727652

Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	59.3	49.4	74.2



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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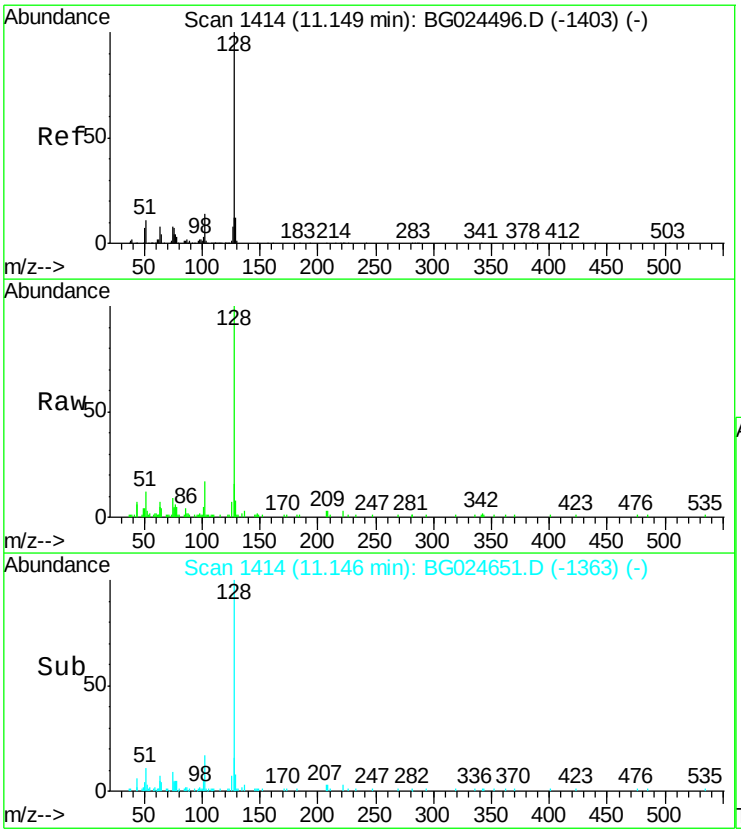
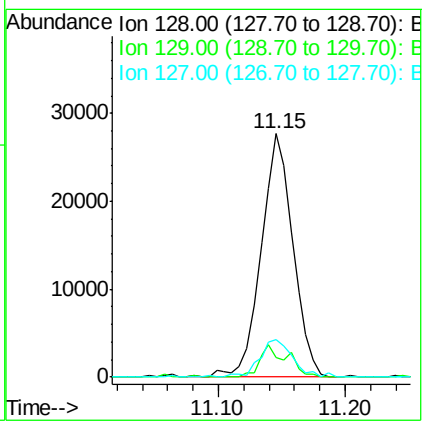
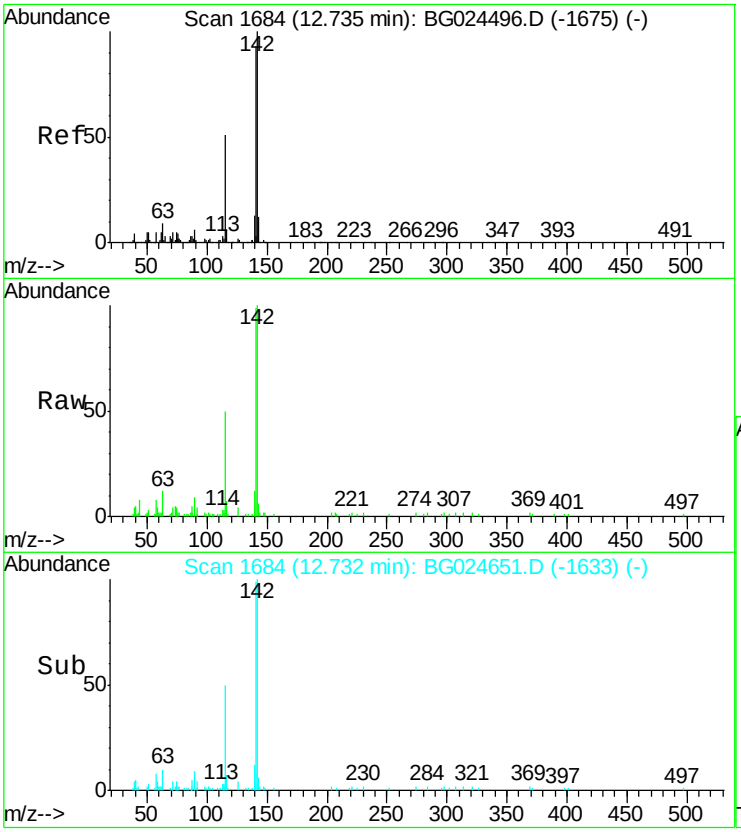


#31
Naphthalene
Concen: 2.14 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:128 Resp: 48073

Ion	Ratio	Lower	Upper
128	100		
129	8.3	9.3	13.9#
127	15.6	11.4	17.0

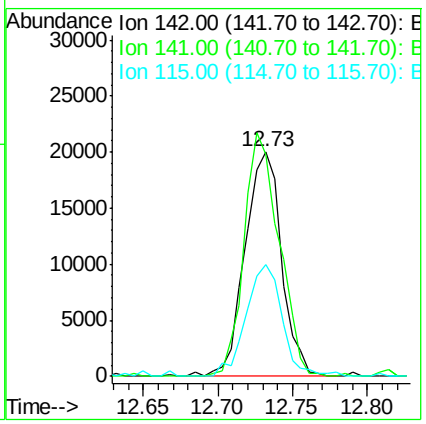




#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:142 Resp: 33797

Ion	Ratio	Lower	Upper
142	100		
141	98.9	70.4	105.6
115	49.6	35.5	53.3



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

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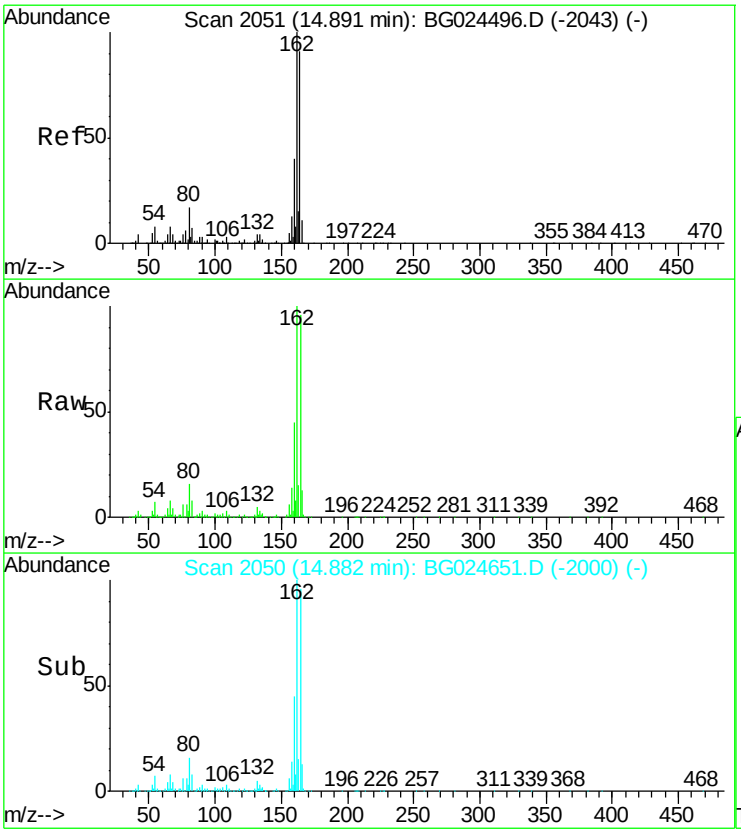
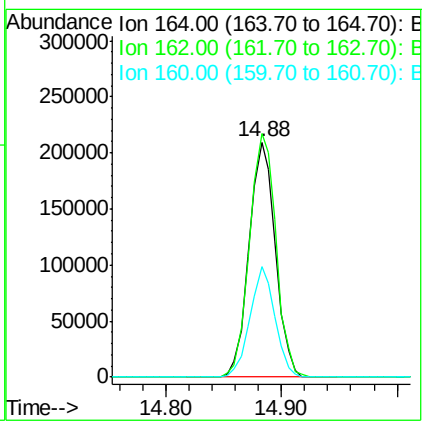
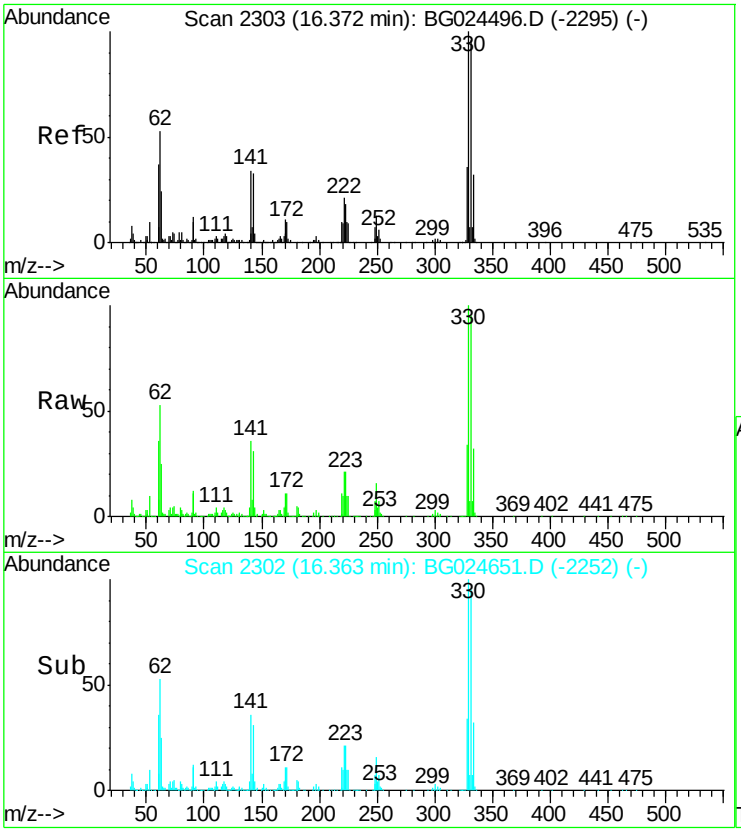


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:164 Resp: 331835

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	47.1	34.7	52.1





#41
2,4,6-Tribromophenol
Concen: 118.11 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:330 Resp: 585535

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	34.4	32.1	48.1

Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

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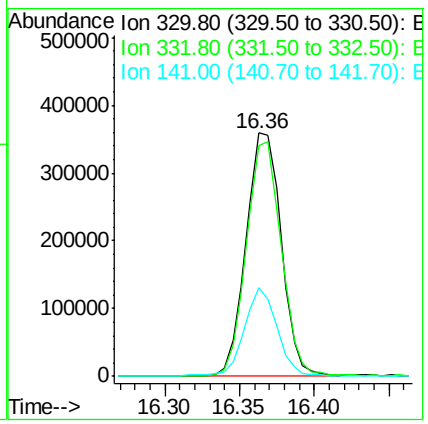
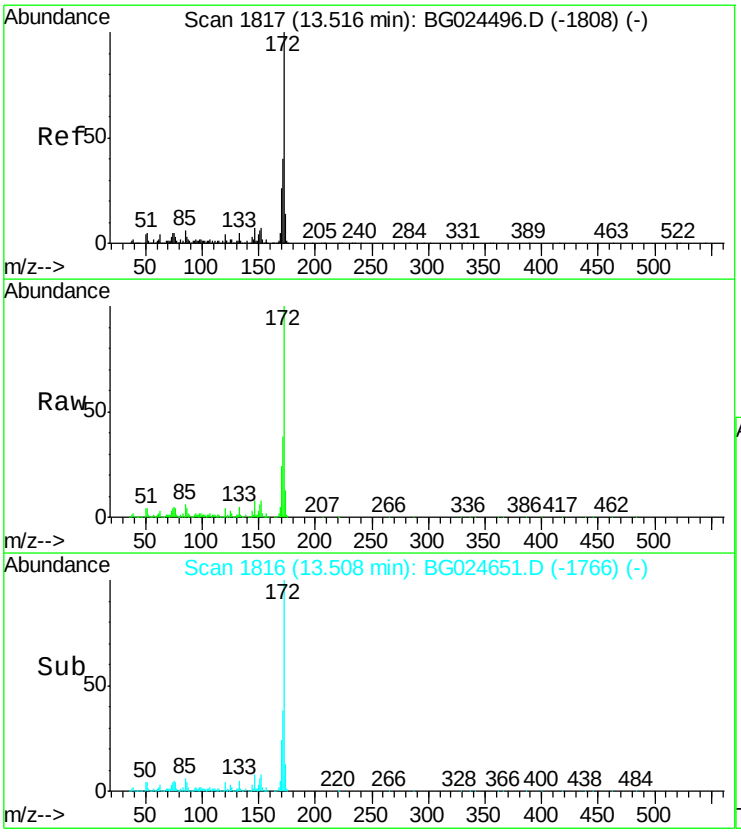
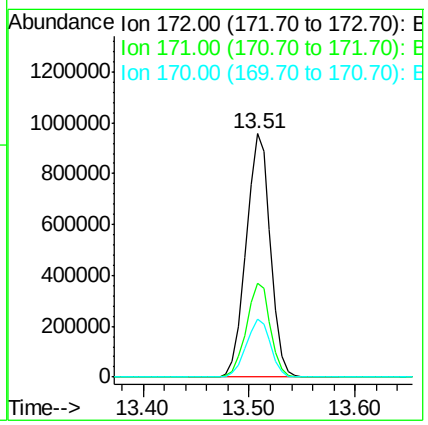


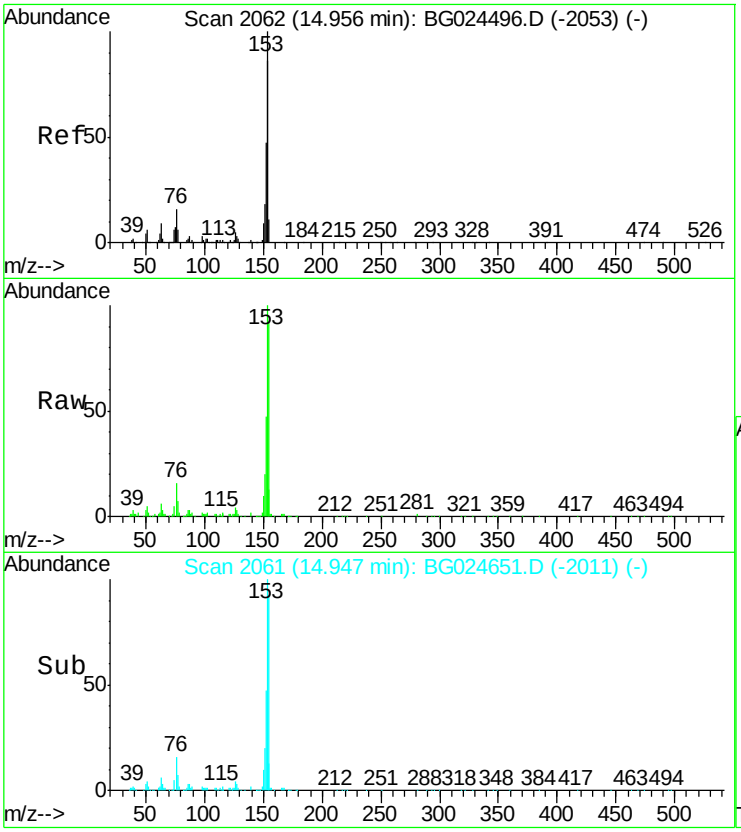


#44
2-Fluorobiphenyl
Concen: 76.09 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:172 Resp: 1519120

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	24.0	21.8	32.6

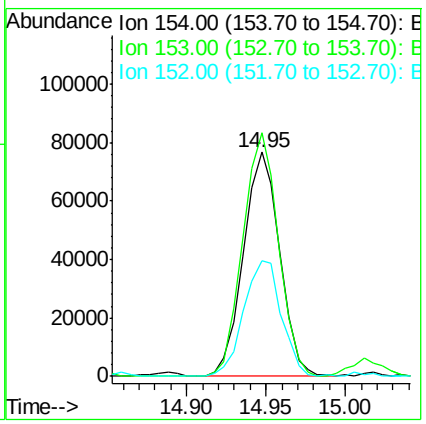




#51
Acenaphthene
Concen: 6.09 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:154 Resp: 122046

Ion	Ratio	Lower	Upper
154	100		
153	108.6	87.8	131.6
152	51.4	42.2	63.4



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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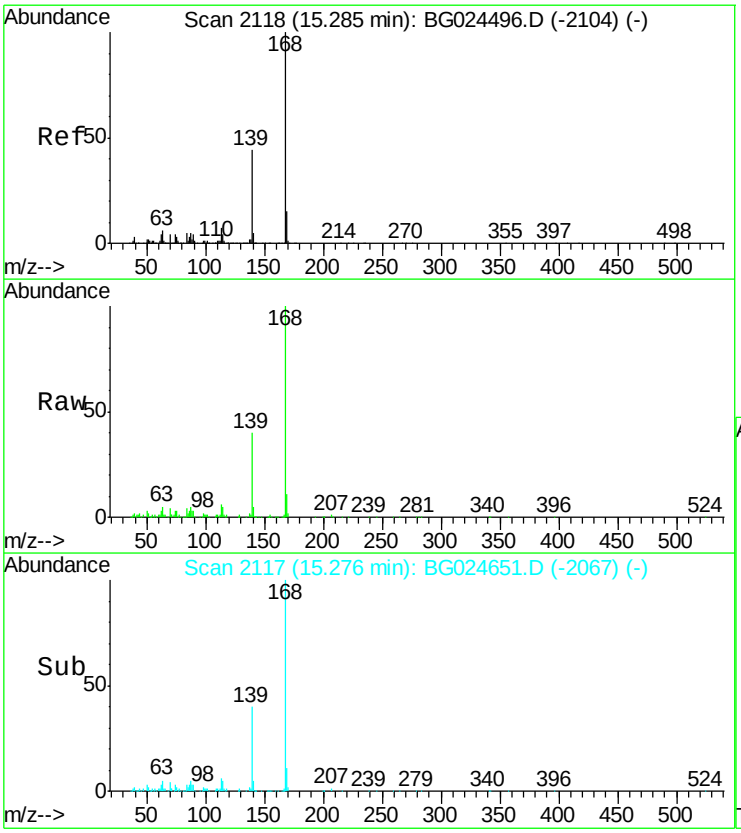
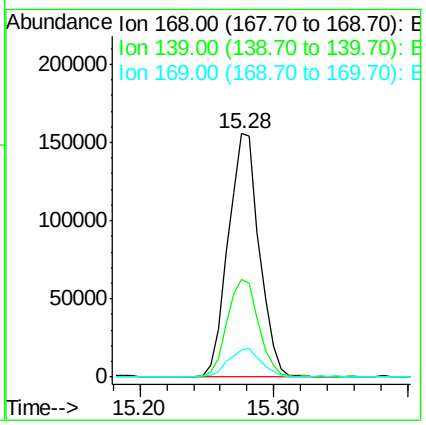
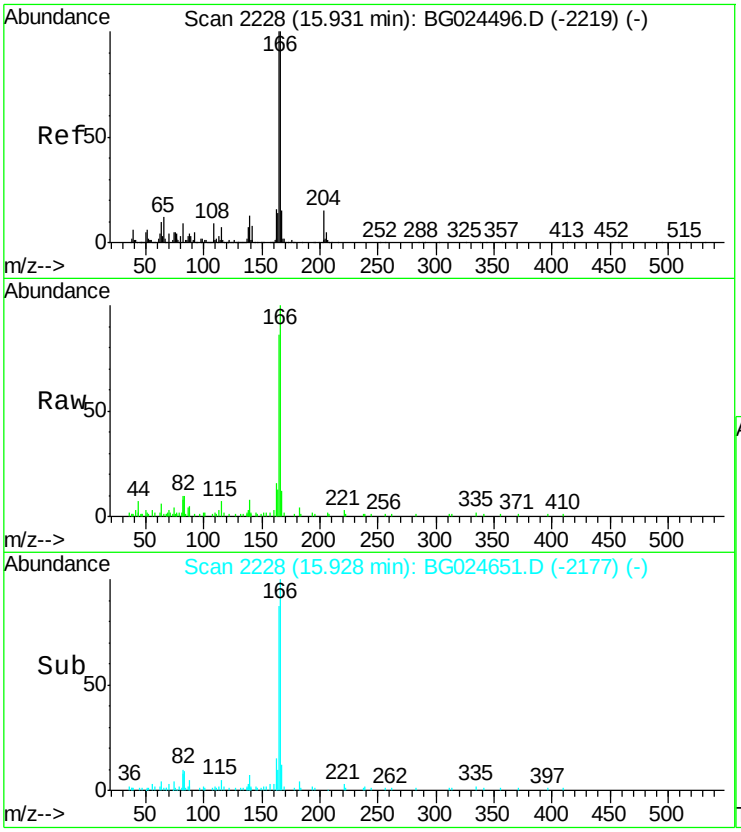


#54
Dibenzofuran
Concen: 9.12 ng
RT: 15.28 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:168 Resp: 252780

Ion	Ratio	Lower	Upper
168	100		
139	40.3	35.3	52.9
169	11.1	11.5	17.3#

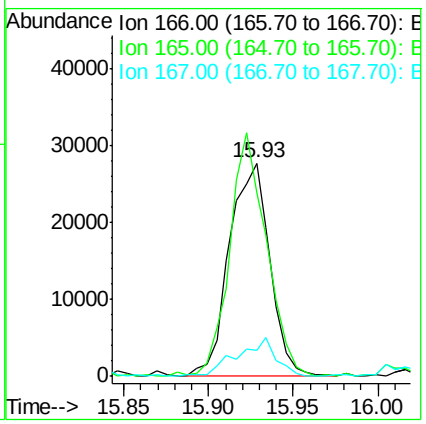




#57
Fluorene
Concen: 2.02 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:166 Resp: 46318

Ion	Ratio	Lower	Upper
166	100		
165	86.1	78.6	117.8
167	12.1	11.6	17.4



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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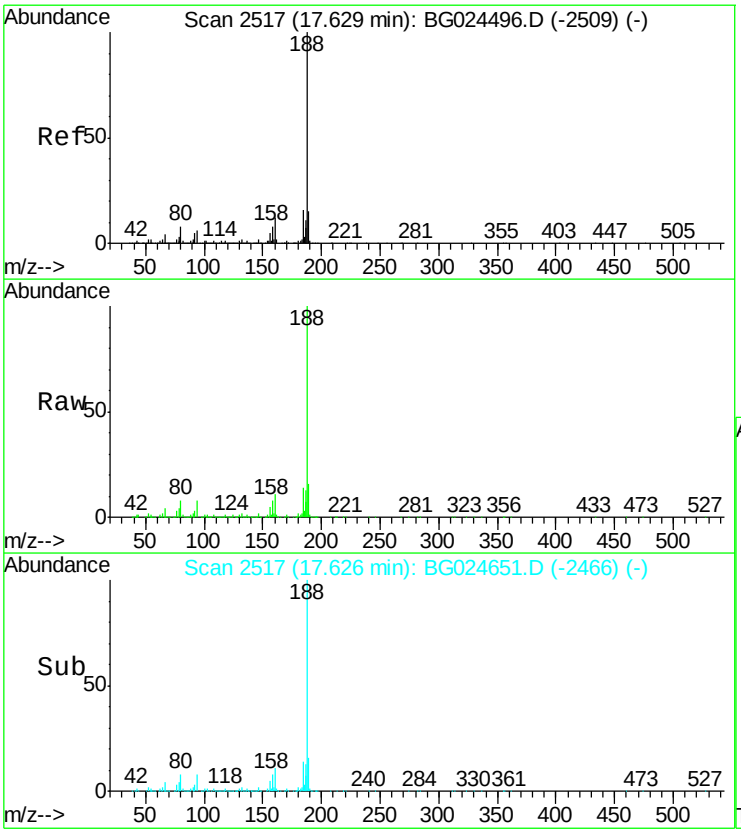
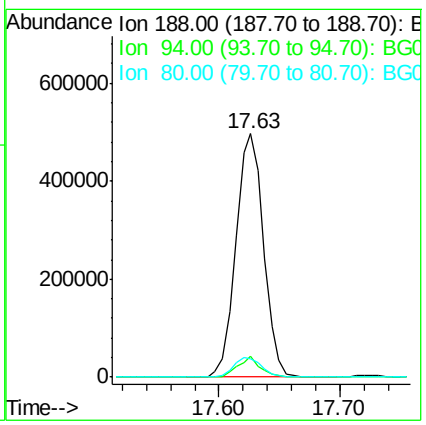
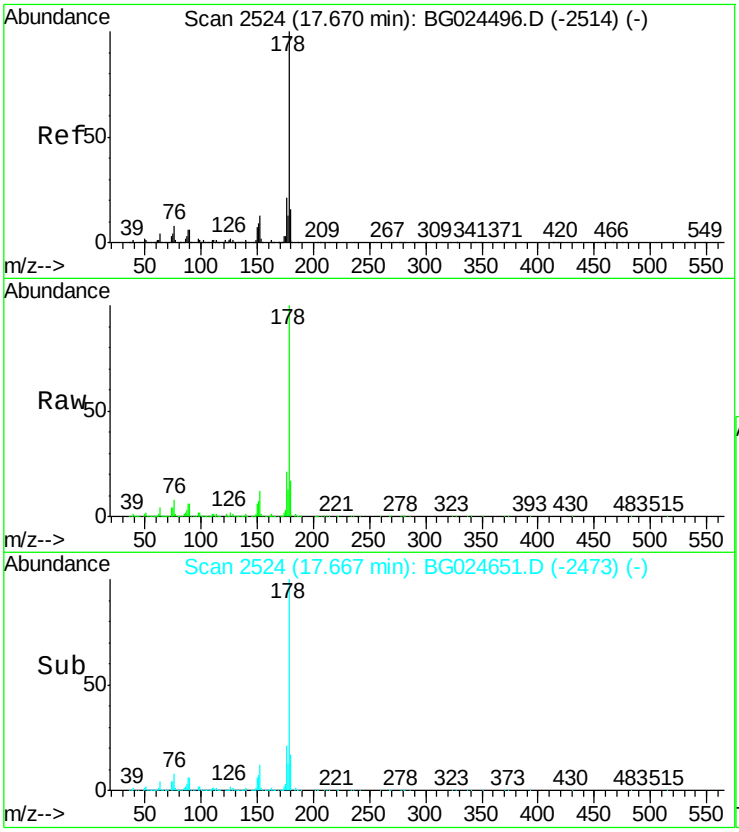


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:188 Resp: 792499

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.8
80	7.7	7.5	11.3

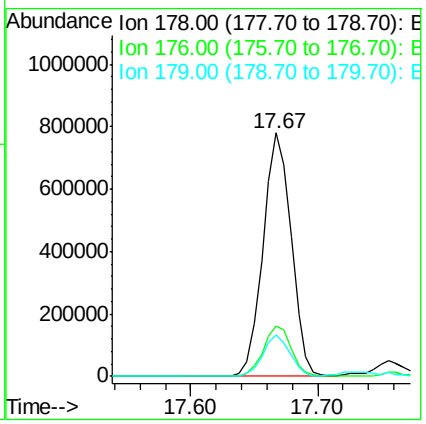




#70
Phenanthrene
Concen: 29.85 ng
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:178 Resp: 1205934

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.7	26.5
179	16.9	15.0	22.6



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
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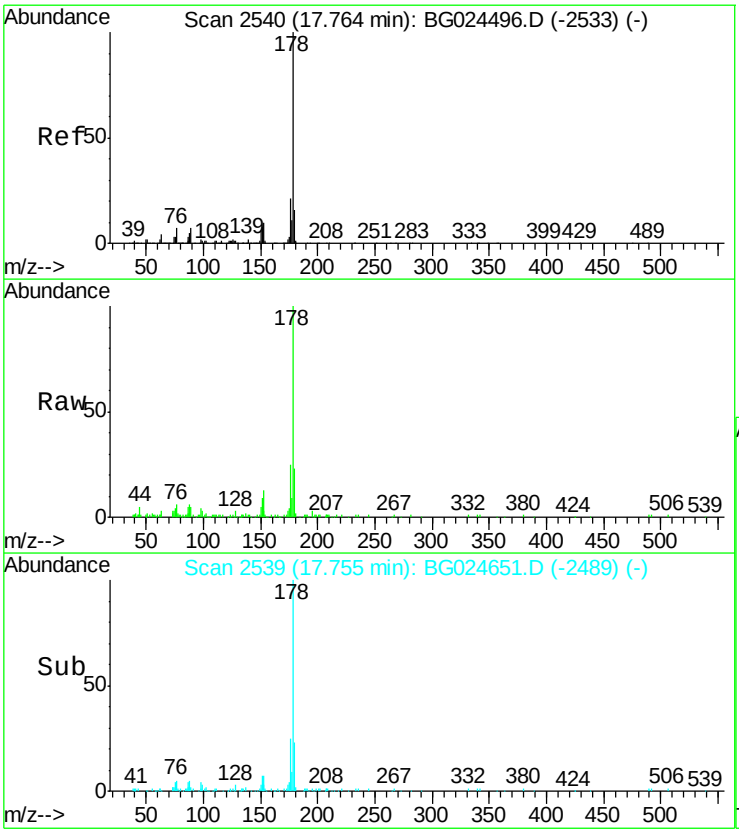
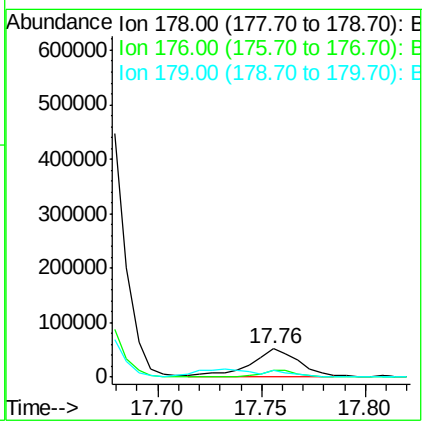
11/4/2016 10:04:13 AM

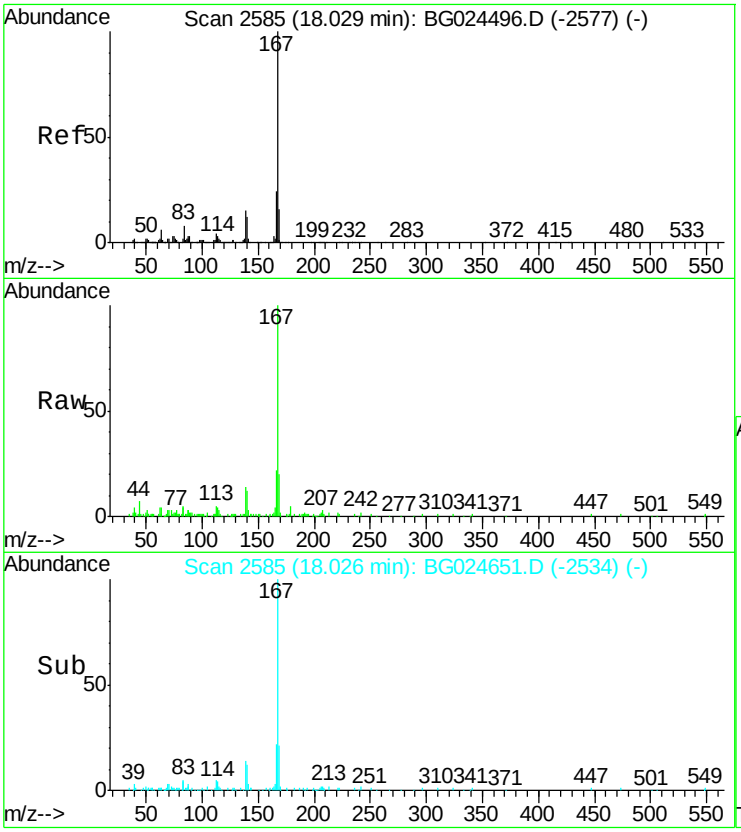


#71
Anthracene
Concen: 2.11 ng m
RT: 17.76 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:178 Resp: 85985

Ion	Ratio	Lower	Upper
178	100		
176	24.7	16.4	24.6#
179	22.9	13.8	20.8#

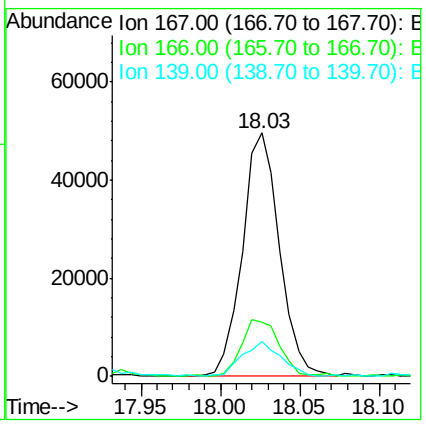




#72
Carbazole
Concen: 2.16 ng
RT: 18.03 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:167 Resp: 80314

Ion	Ratio	Lower	Upper
167	100		
166	22.1	20.2	30.2
139	14.2	12.8	19.2



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

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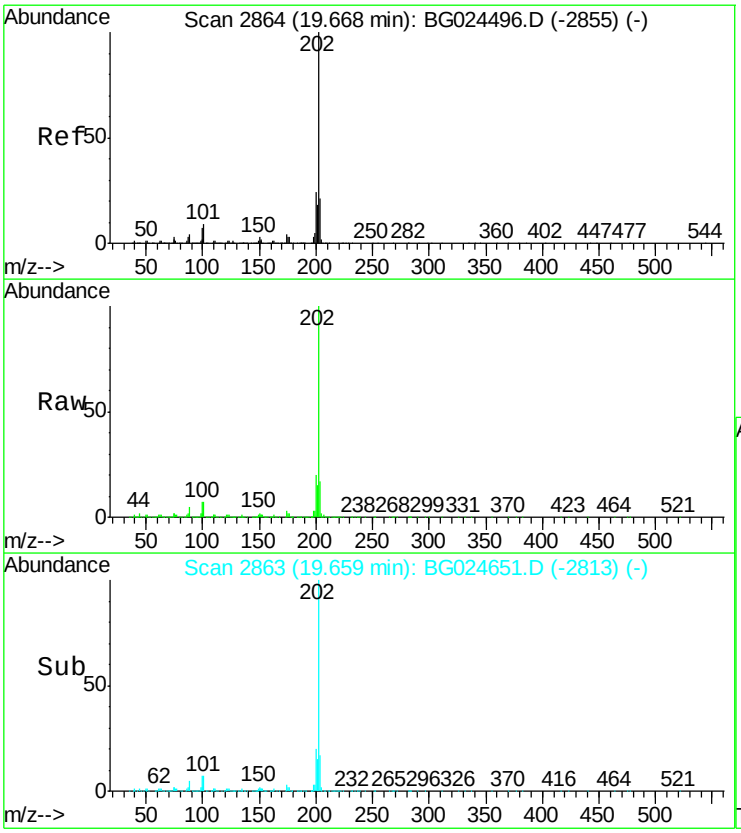
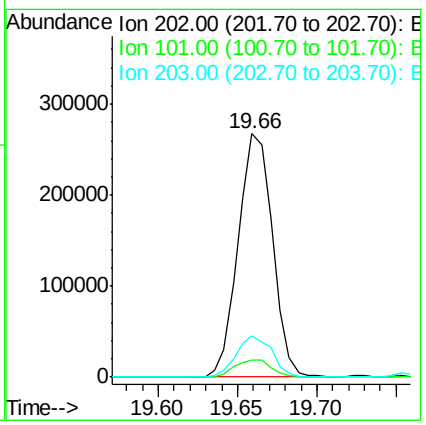
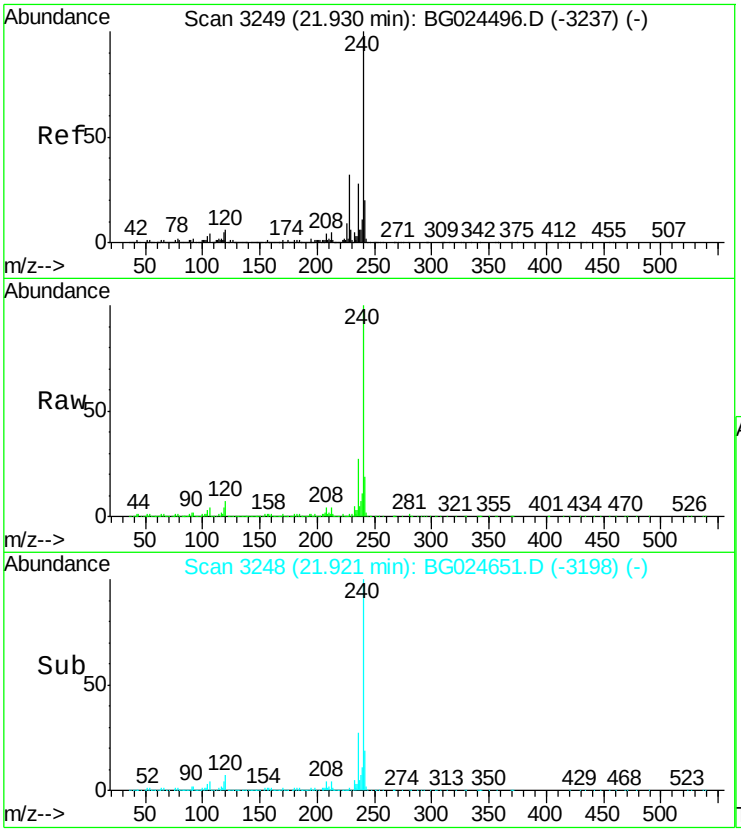


#74
Fluoranthene
Concen: 7.86 ng
RT: 19.66 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:202 Resp: 401606

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	30.1
203	16.9	1.3	41.3

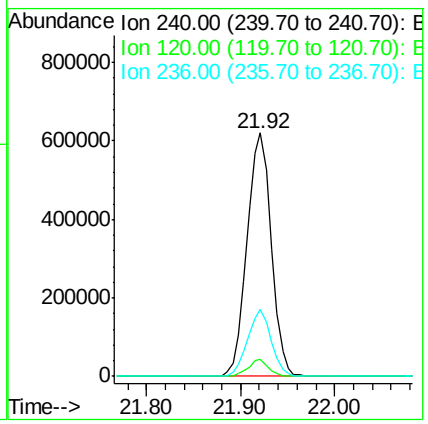




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

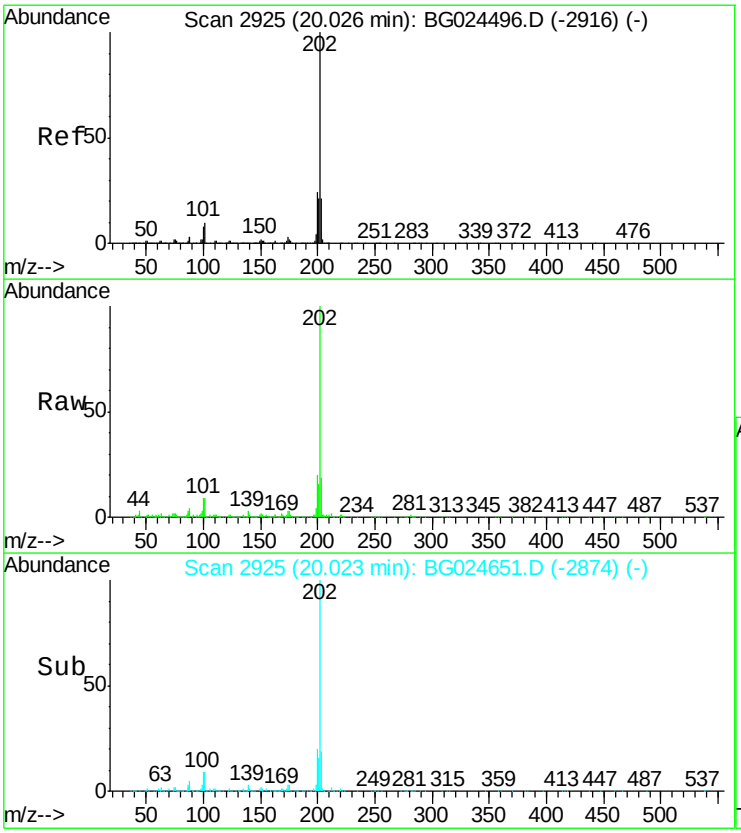
Tgt Ion:240 Resp: 1103648

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.7	8.5
236	27.3	22.2	33.4



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

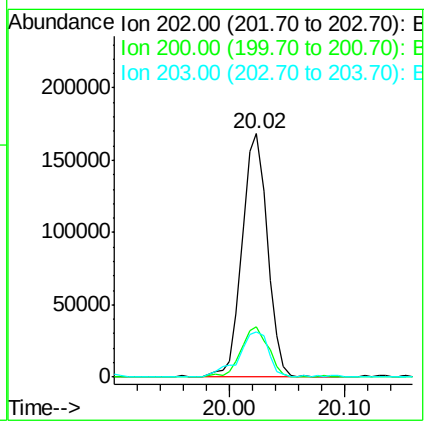
Manual Integrations APPROVED
Sohil
11/4/2016 10:04:13 AM

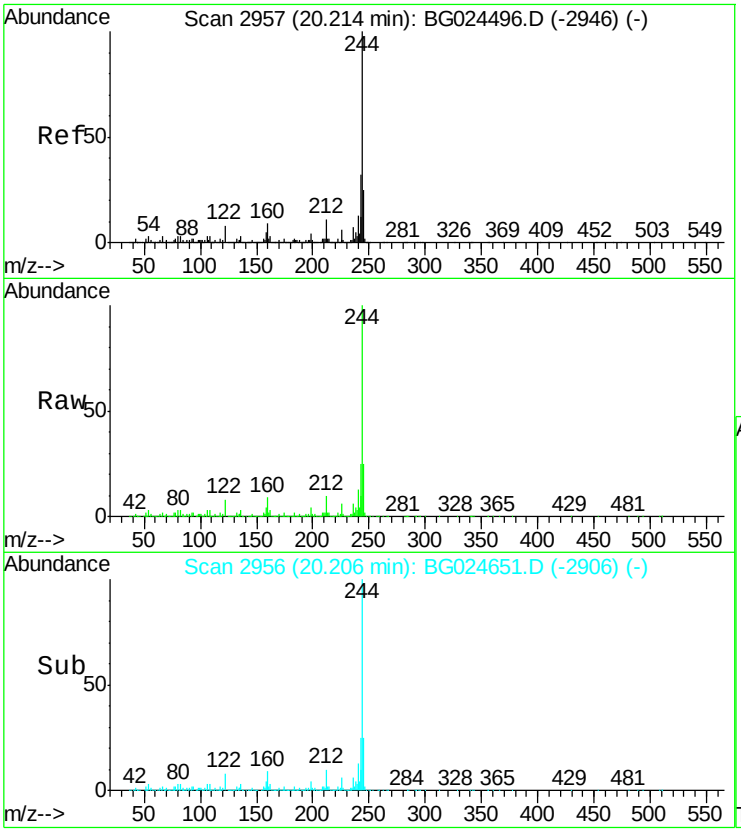


#77
Pyrene
Concen: 4.79 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:202 Resp: 258250

Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.6	29.4
203	18.8	15.8	23.8

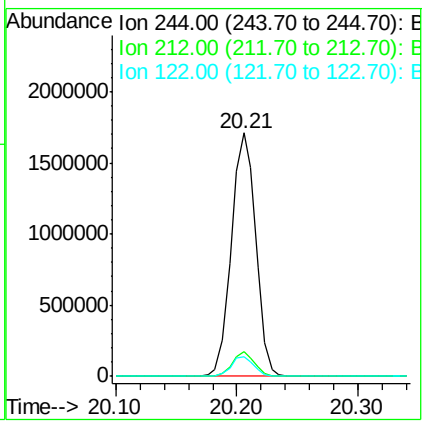




#78
Terphenyl-d14
Concen: 65.04 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

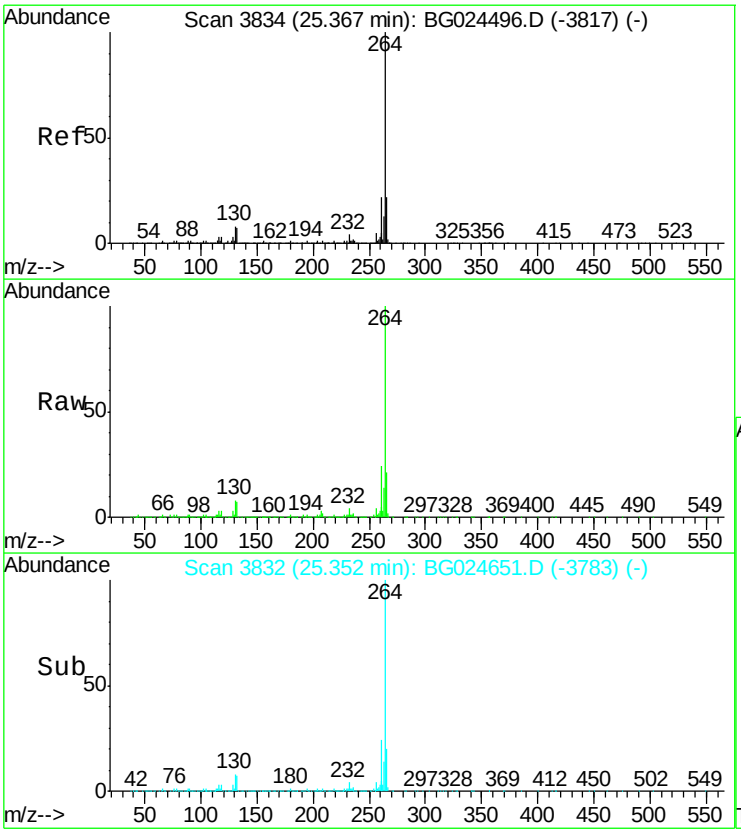
Tgt Ion:244 Resp: 2402097

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	8.1	8.6	12.8#



Instrument :
BNA_G
ClientSampleId :
GW-88-7.6-20.0

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:13 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024651.D
Acq: 3 Nov 2016 13:51

Tgt Ion:264 Resp: 1136170

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	20.6	18.2	27.4