Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021047.D
Acq On : 24 Feb 2016 5:13
Operator : UM/SJ
Sample : H1551-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-07

Manual Integrations APPROVED
Sohil
2/24/2016 4:29:41 PM

Quant Time: Feb 24 07:32:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4508	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	24798	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	14030	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	26324	20.00	ng		0.00
75) Chrysene-d12	21.82	240	17979	20.00	ng		0.00
86) Perylene-d12	25.14	264	16940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	26567	103.32	ng		0.00
7) Phenol-d6	7.41	99	42991	108.56	ng		0.00
23) Nitrobenzene-d5	9.39	82	28118	66.57	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	15827	94.17	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	60873	60.40	ng		0.00
78) Terphenyl-d14	20.13	244	52953	38.22	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.27	163	10703	9.36	ng	#	97
70) Phenanthrene	17.59	178	7114	4.78	ng		93
74) Fluoranthene	19.59	202	53508	35.73	ng		98
77) Pyrene	19.95	202	52878	25.74	ng		99
80) Benzo(a)anthracene	21.80	228	32684	30.32	ng		98
82) Chrysene	21.87	228	29960	29.79	ng		99
85) Indeno(1,2,3-cd)pyrene	28.91	276	13993	15.47	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	39445	35.32	ng		99
88) Benzo(k)fluoranthene	24.14	252	12895m	12.24	ng		
89) Benzo(a)pyrene	24.97	252	14653	14.64	ng		96
90) Dibenzo(a,h)anthracene	28.96	278	4309	4.78	ng	#	87
91) Benzo(g,h,i)perylene	30.09	276	11561	12.85	ng	#	87

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

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Acq On : 24 Feb 2016 5:13
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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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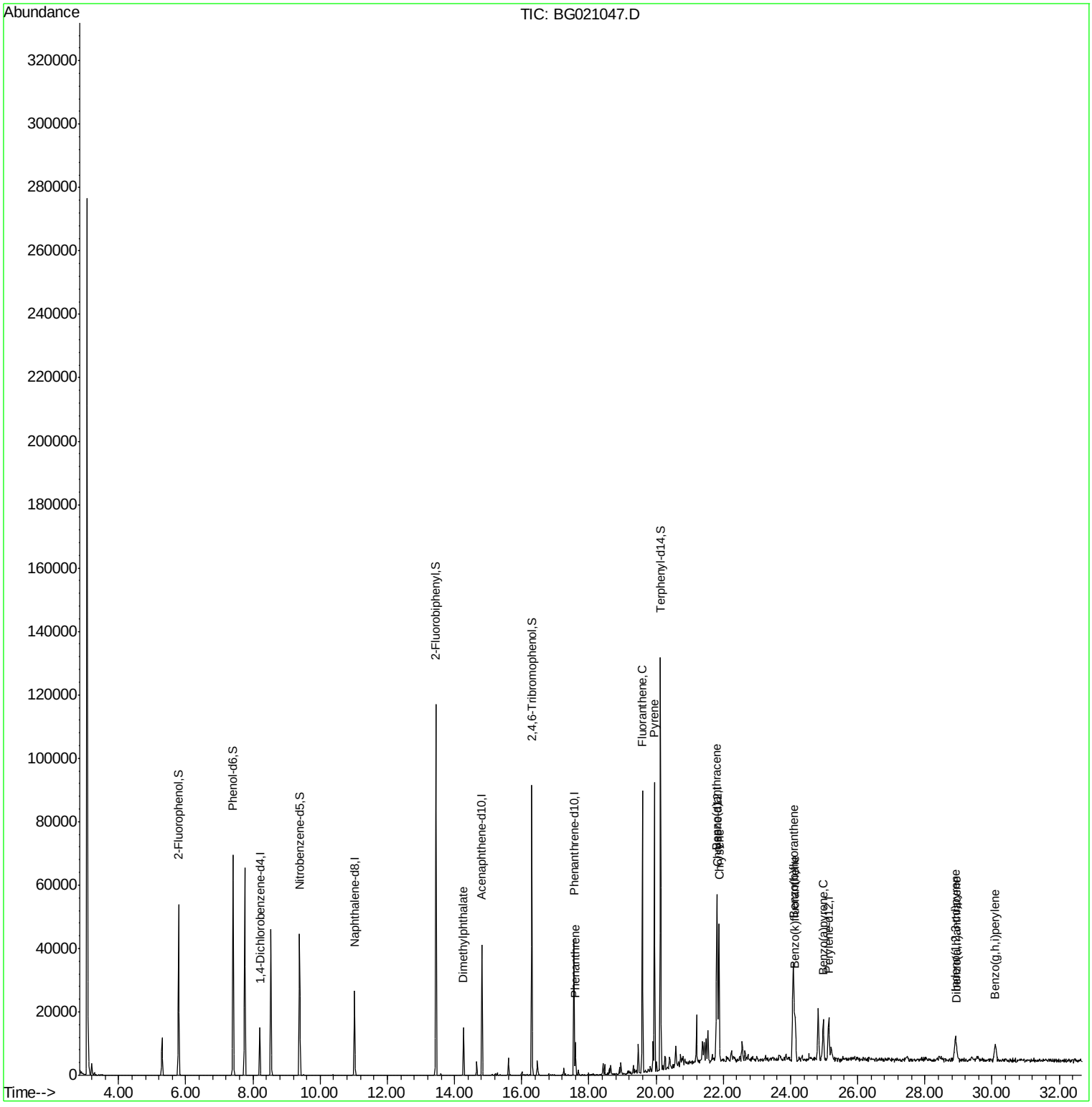
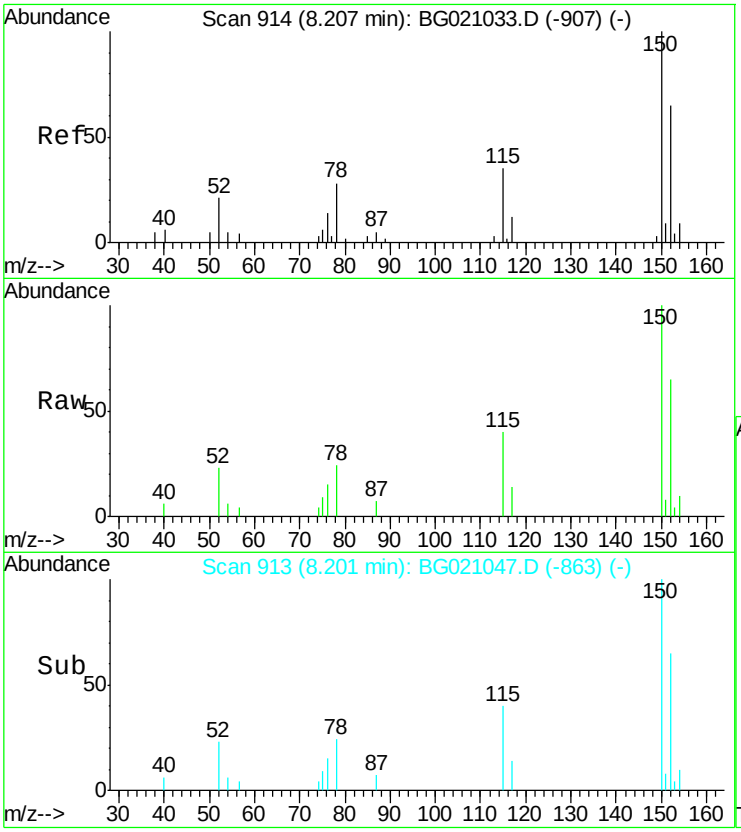
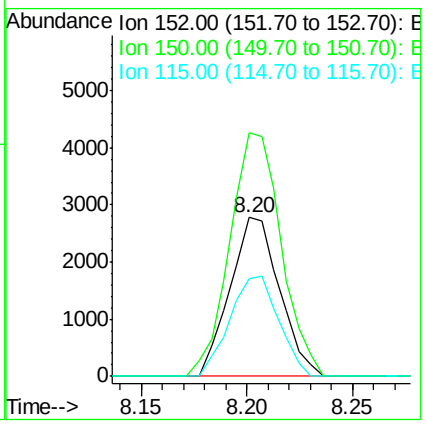




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:152 Resp: 4508

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.4	185.2
115	61.8	43.3	64.9



Instrument :
BNA_G
ClientSampleId :
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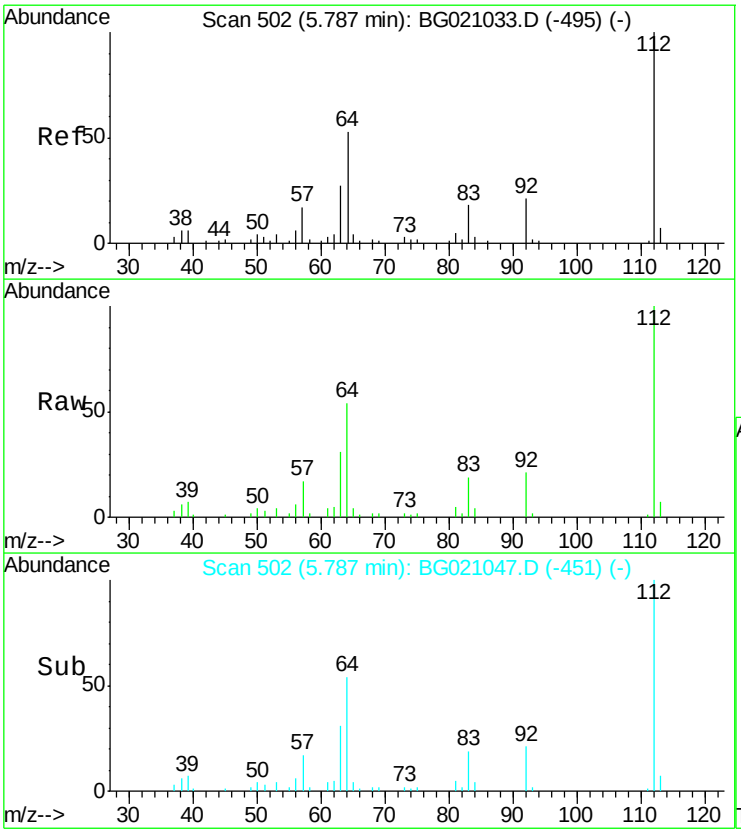
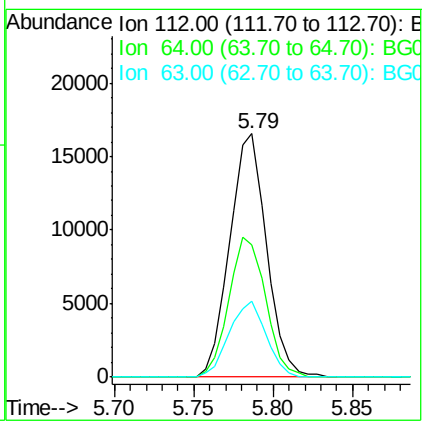
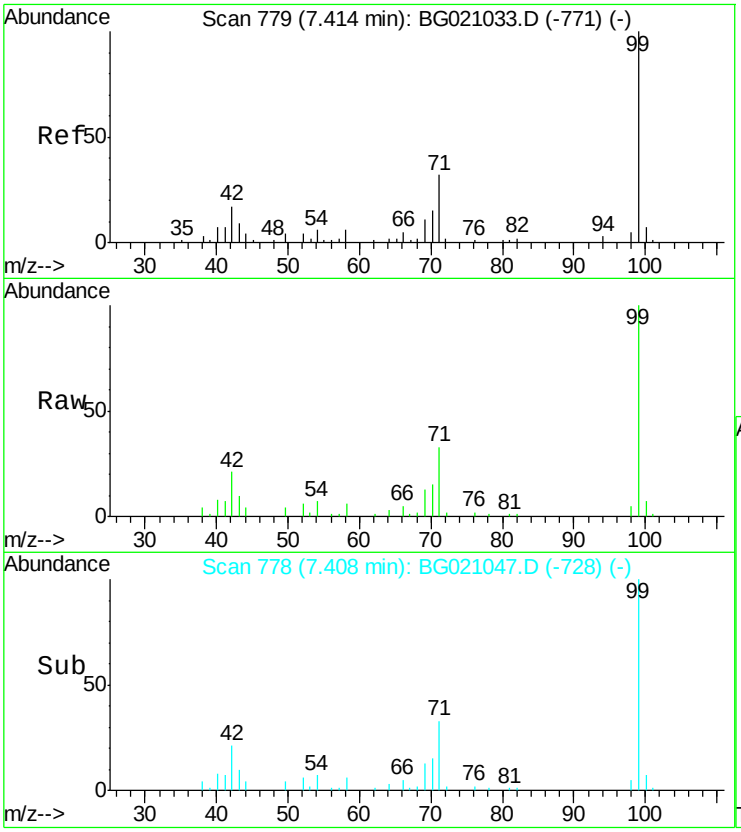


#5
2-Fluorophenol
Concen: 103.32 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.00 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:112 Resp: 26567

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	63.8
63	31.1	21.7	32.5





#7
Phenol-d6
Concen: 108.56 ng
RT: 7.41 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion: 99 Resp: 42991

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.2	19.8#
71	33.0	25.2	37.8

Instrument :
BNA_G
ClientSampleId :
P-07

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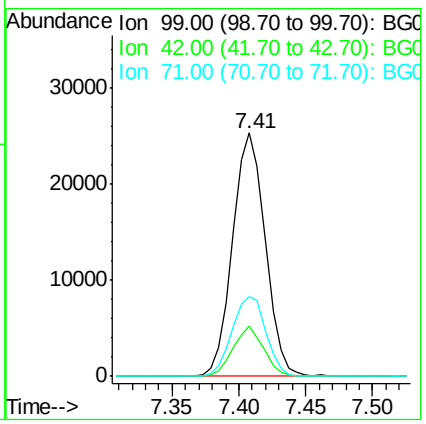
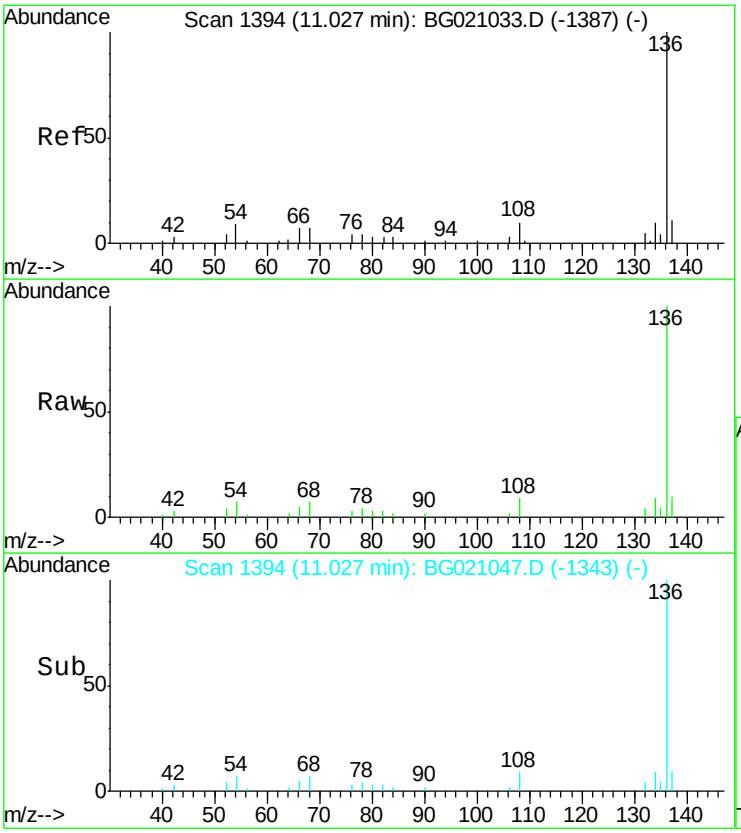
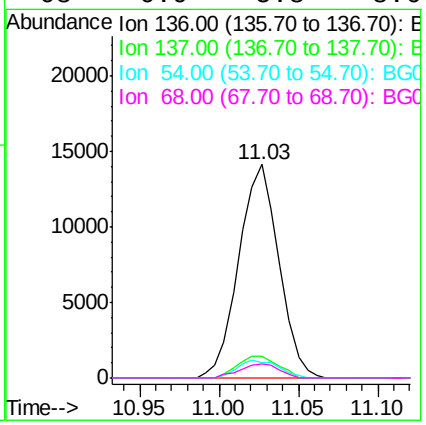


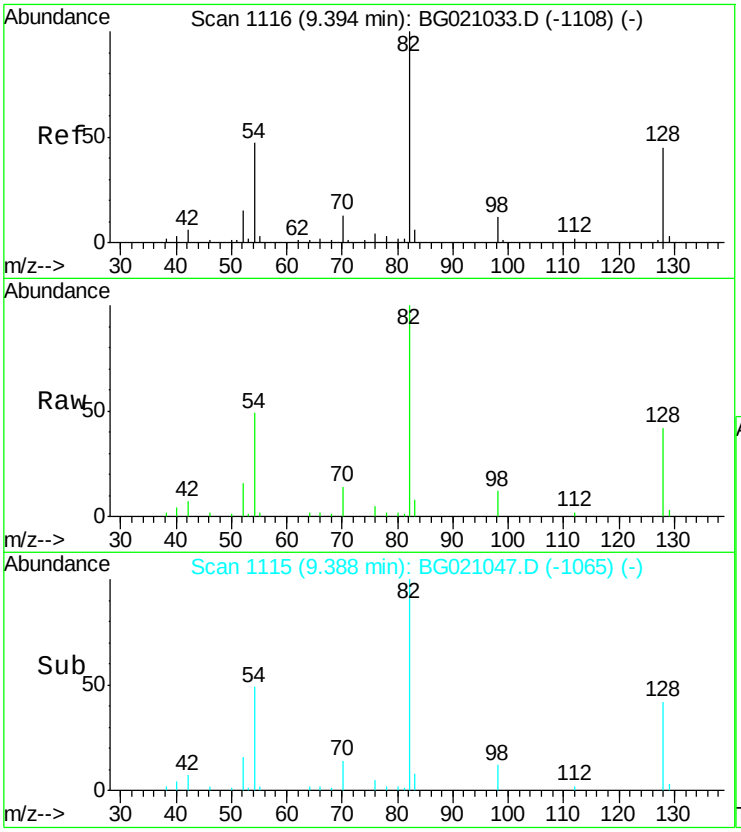


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:136 Resp: 24798

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.5	6.9	10.3
68	6.9	5.8	8.6

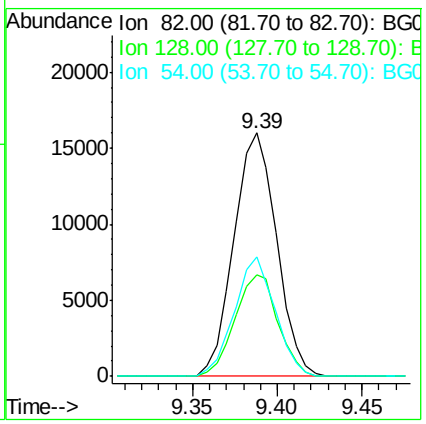




#23
Nitrobenzene-d5
Concen: 66.57 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion: 82 Resp: 28118

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.3	54.5
54	49.0	37.6	56.4



Instrument :
BNA_G
ClientSampleId :
P-07

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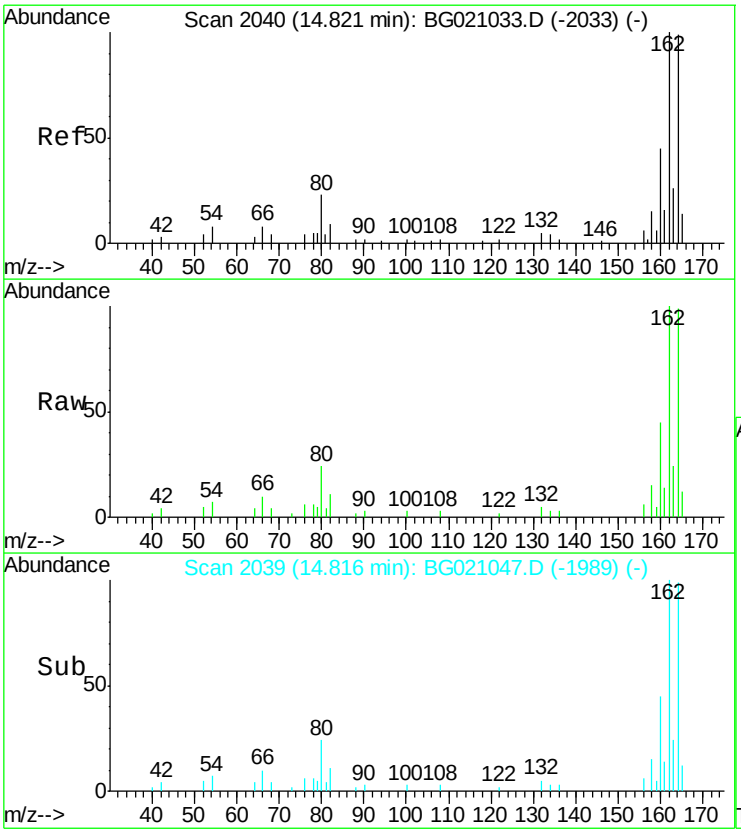
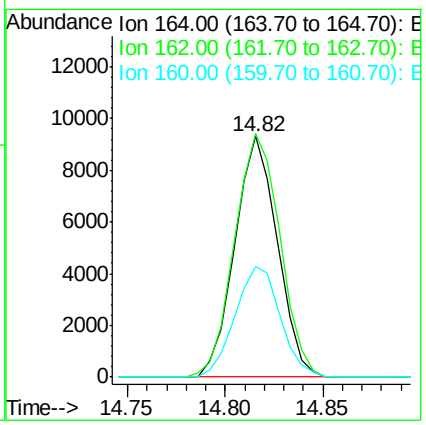
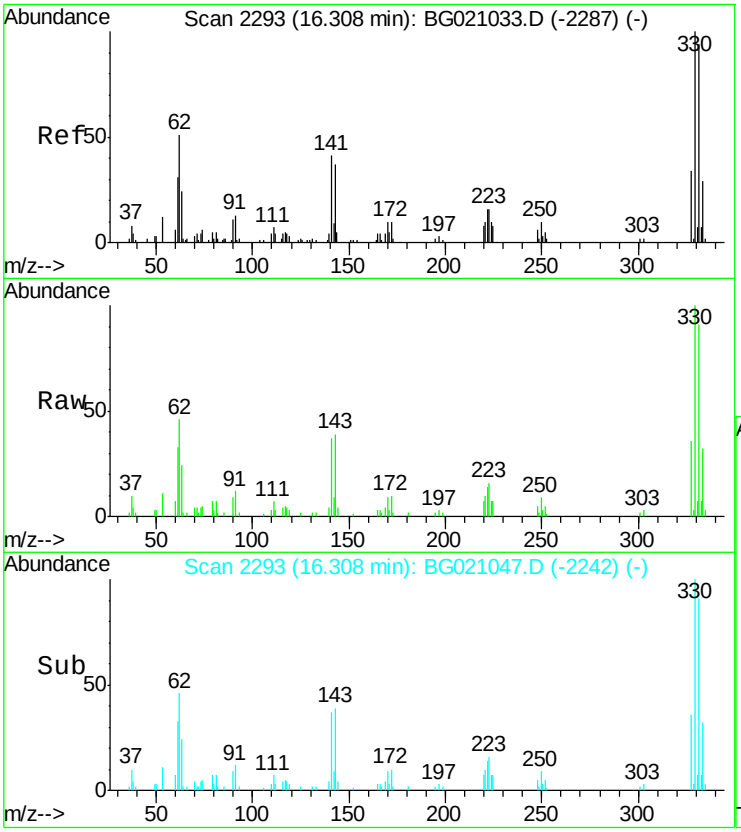


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:164 Resp: 14030

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	45.8	36.5	54.7

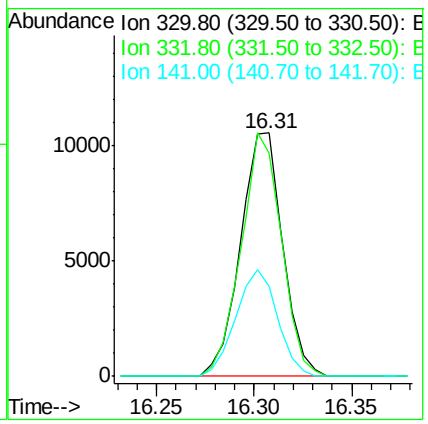




#41
2,4,6-Tribromophenol
Concen: 94.17 ng
RT: 16.31 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:330 Resp: 15827

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	42.9	35.3	52.9



Instrument :
BNA_G
ClientSampleId :
P-07

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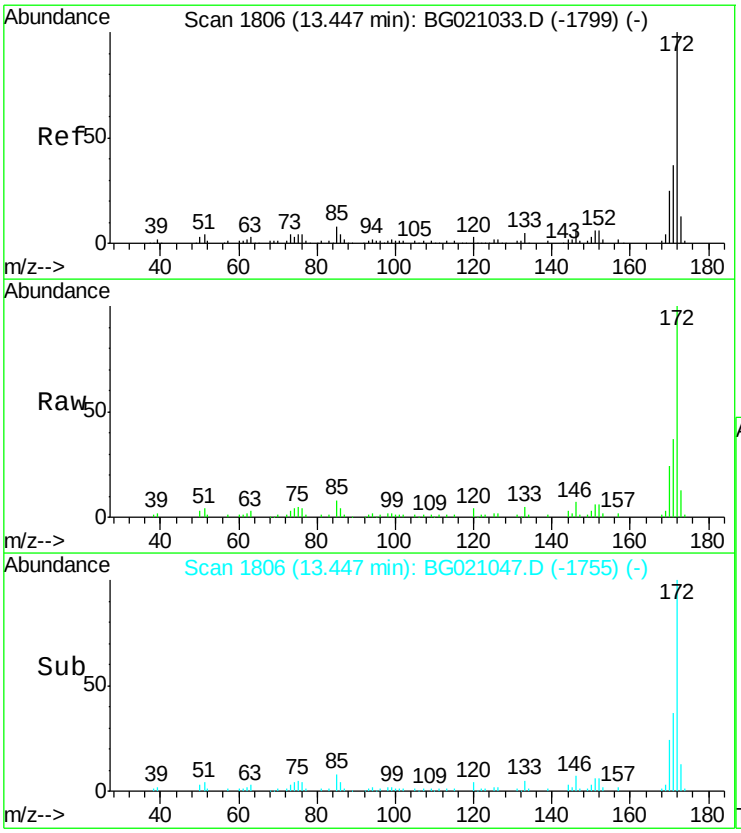
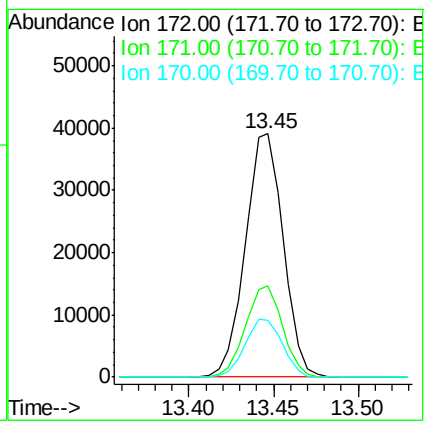
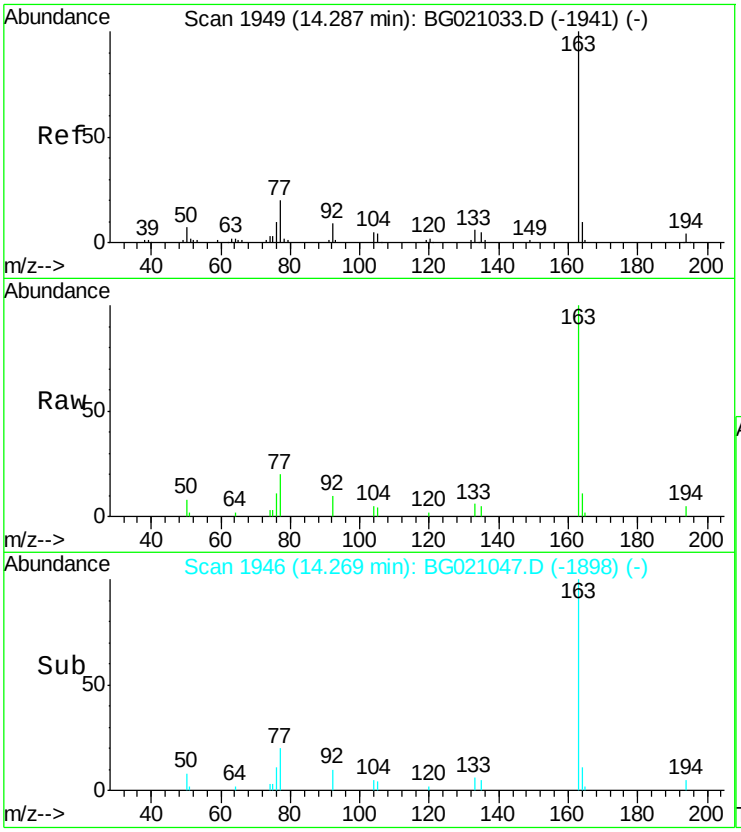


#44
2-Fluorobiphenyl
Concen: 60.40 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:172 Resp: 60873

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	23.5	19.8	29.8

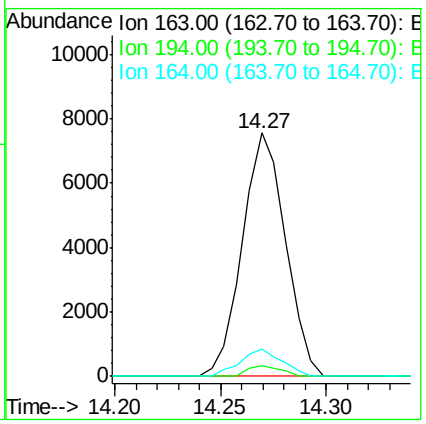




#49
Dimethylphthalate
Concen: 9.36 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:163 Resp: 10703

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.8	4.2#
164	11.0	7.9	11.9



Instrument :
BNA_G
ClientSampleId :
P-07

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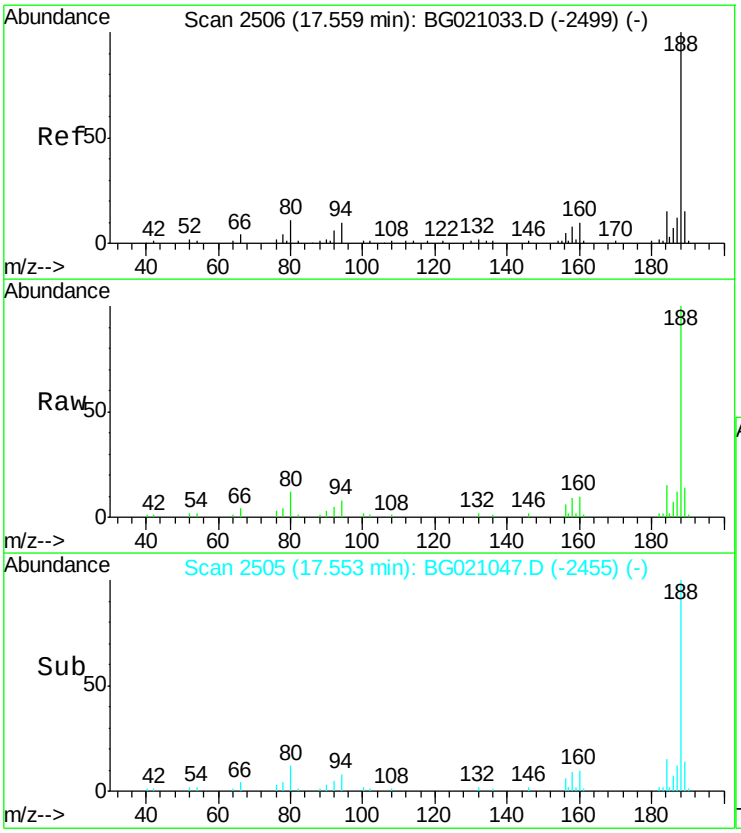
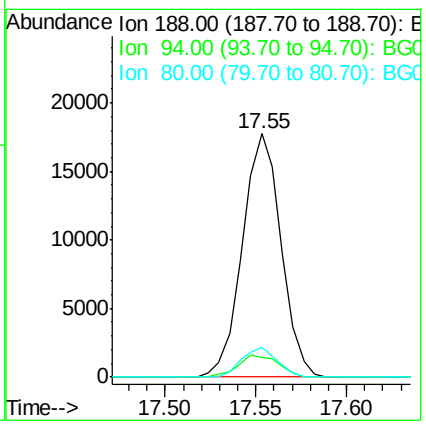
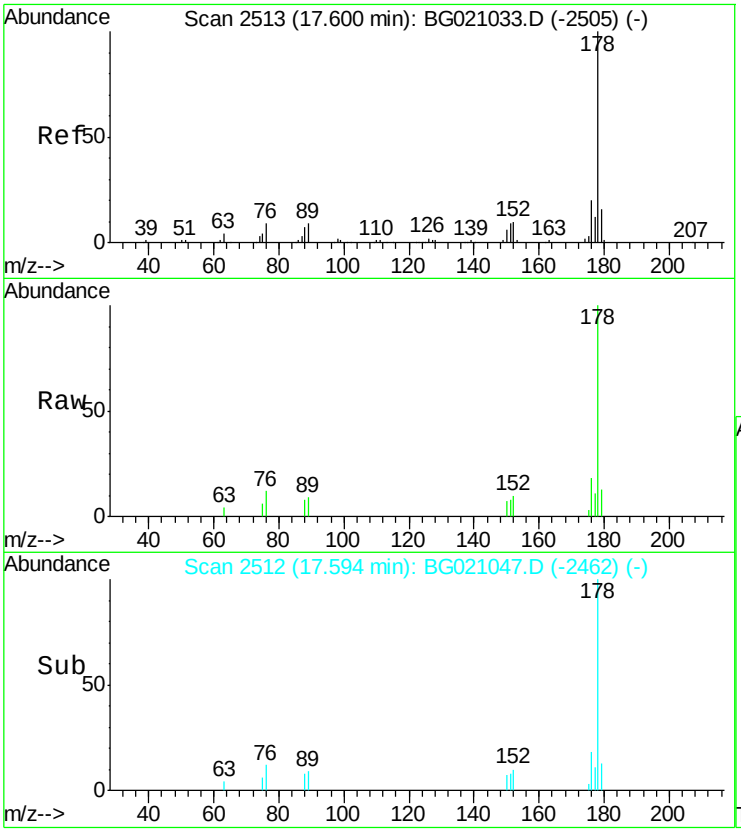


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:188 Resp: 26324

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	12.0	9.2	13.8

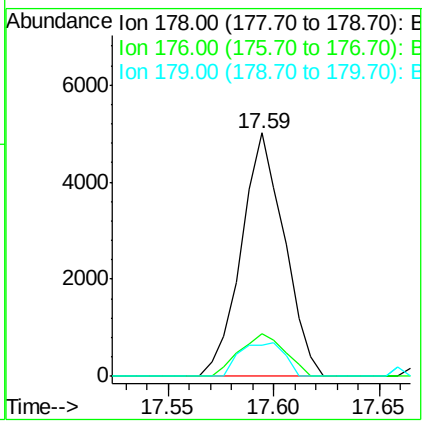




#70
Phenanthrene
Concen: 4.78 ng
RT: 17.59 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:178 Resp: 7114

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	13.0	12.9	19.3



Instrument :
BNA_G
ClientSampleId :
P-07

Manual Integrations APPROVED
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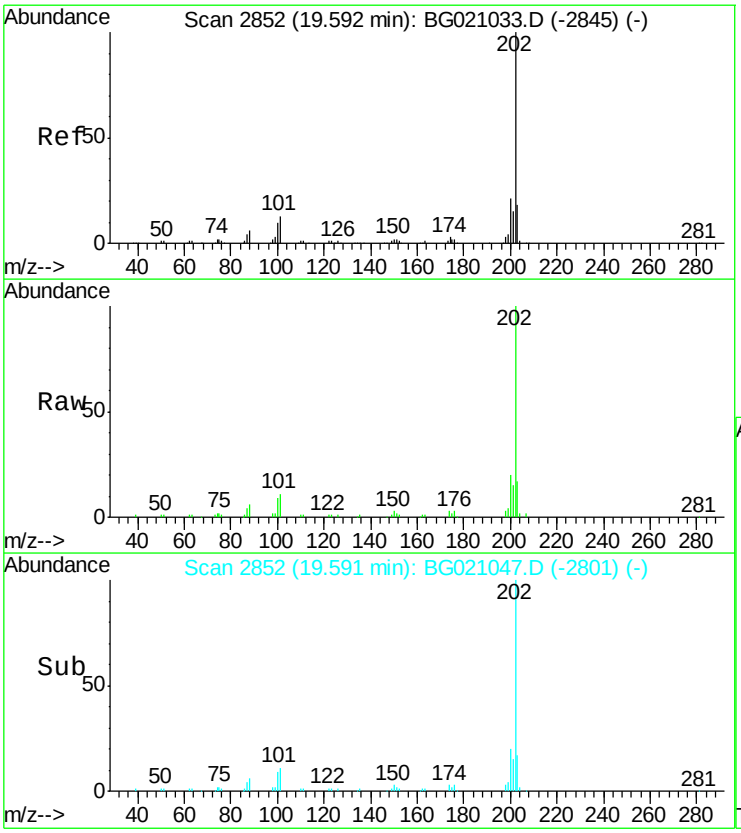
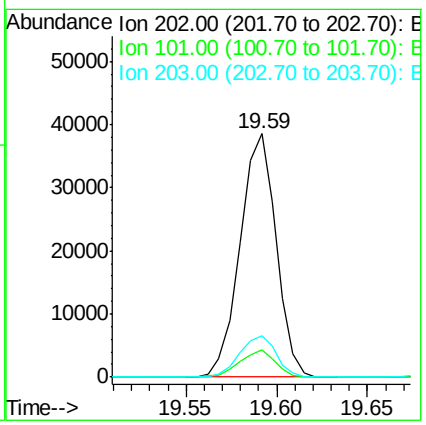
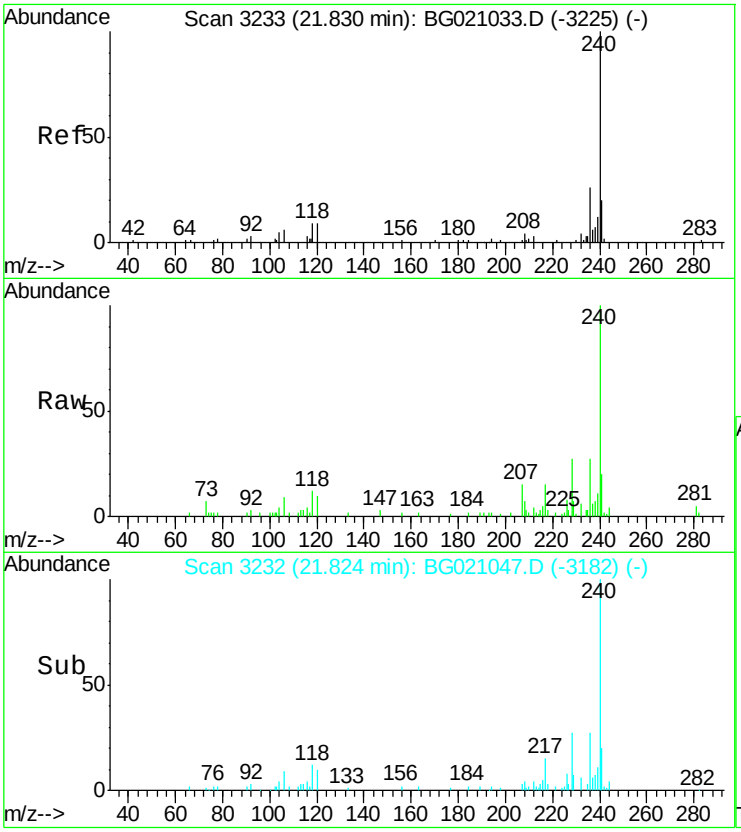


#74
Fluoranthene
Concen: 35.73 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:202 Resp: 53508

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.5
203	17.2	0.0	37.6

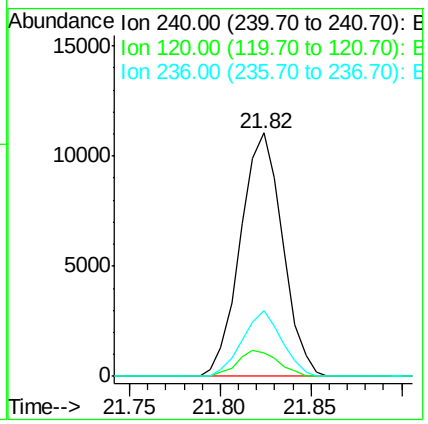




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:240 Resp: 17979

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.5	11.3
236	26.8	20.5	30.7



Instrument :
BNA_G
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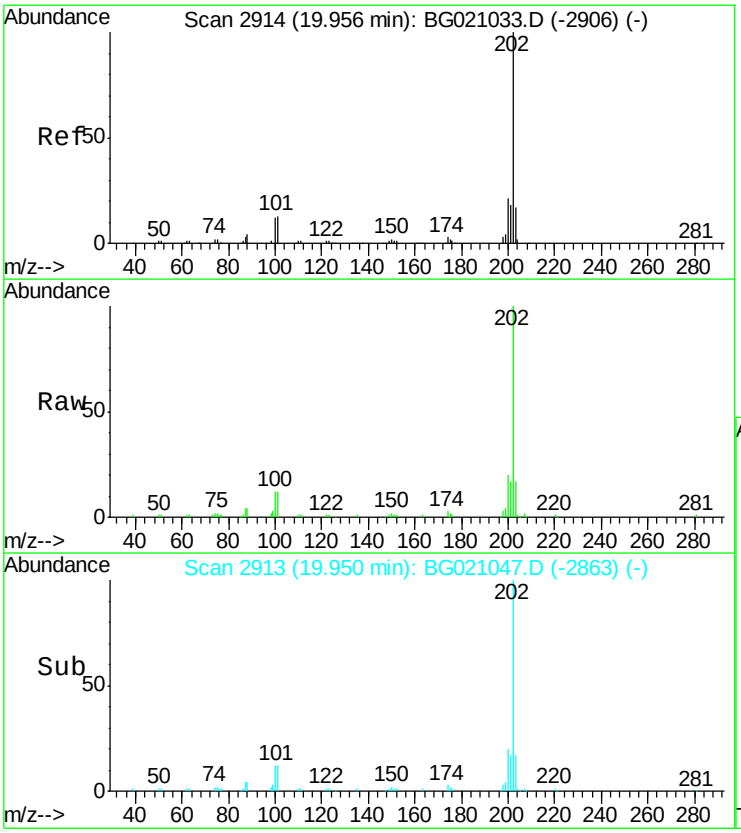
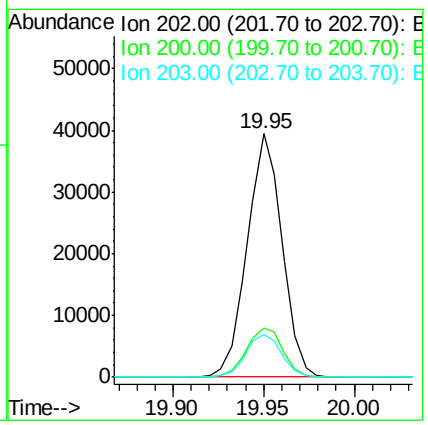
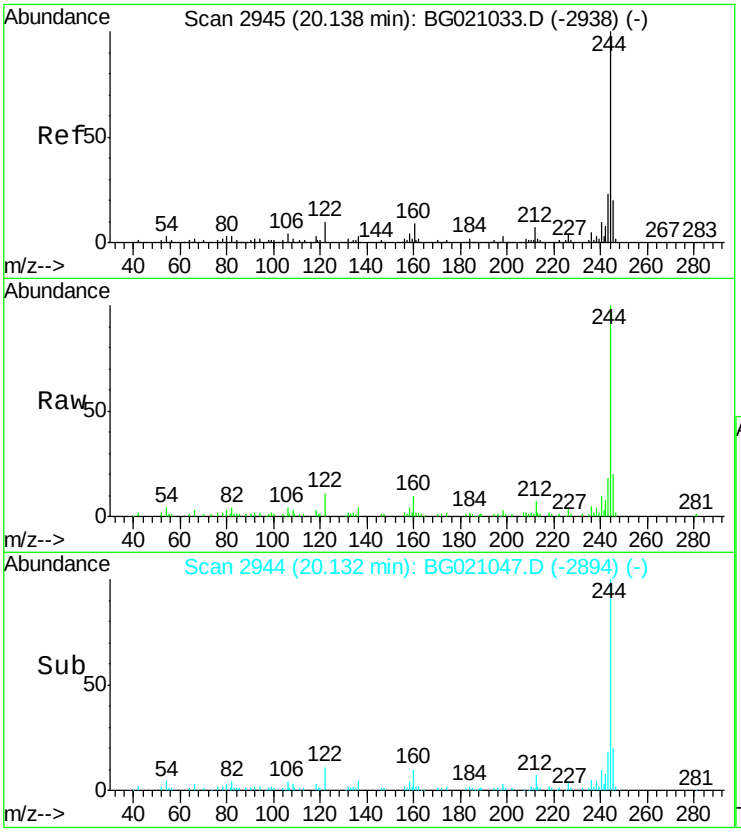


#77
Pyrene
Concen: 25.74 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:202 Resp: 52878

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	25.0
203	17.5	13.8	20.8

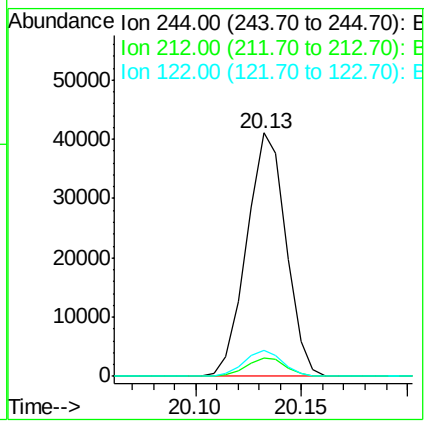




#78
Terphenyl-d14
Concen: 38.22 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:244 Resp: 52953

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.6	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
P-07

Manual Integrations APPROVED
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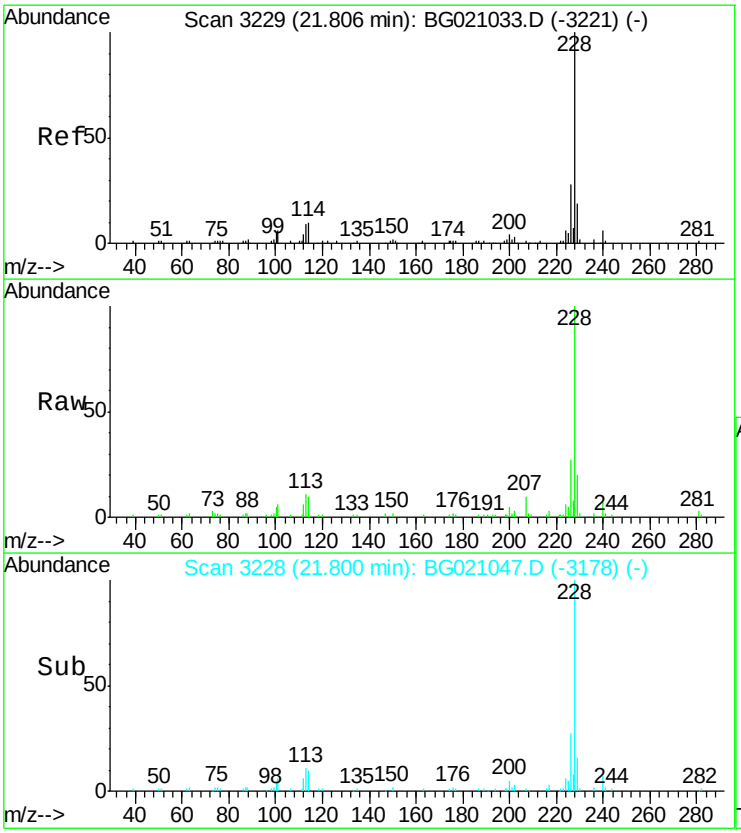
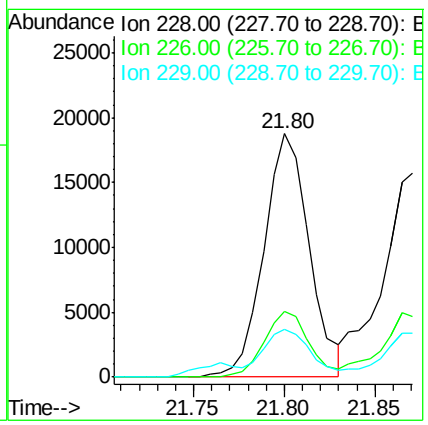
2/24/2016 4:29:41 PM

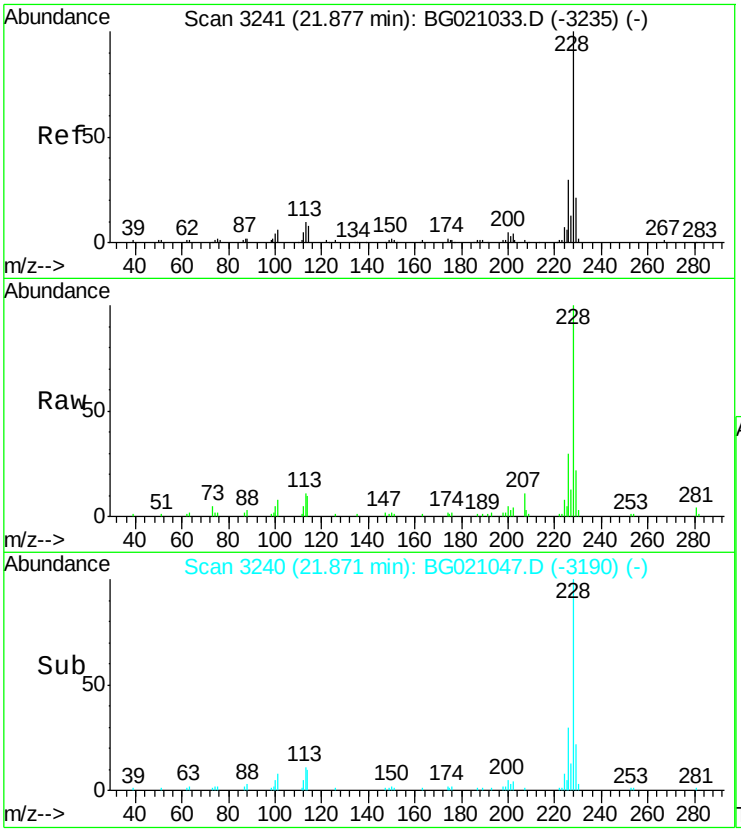


#80
Benzo(a)anthracene
Concen: 30.32 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:228 Resp: 32684

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.7	34.1
229	19.8	15.5	23.3

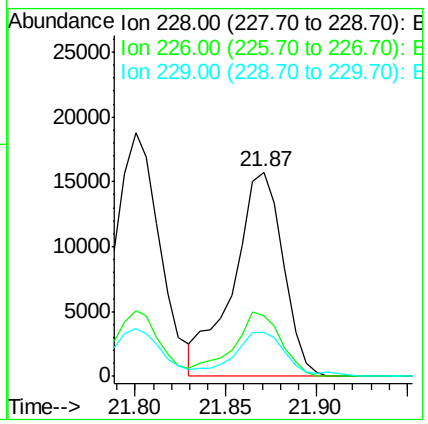




#82
Chrysene
Concen: 29.79 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:228 Resp: 29960

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	21.7	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
P-07

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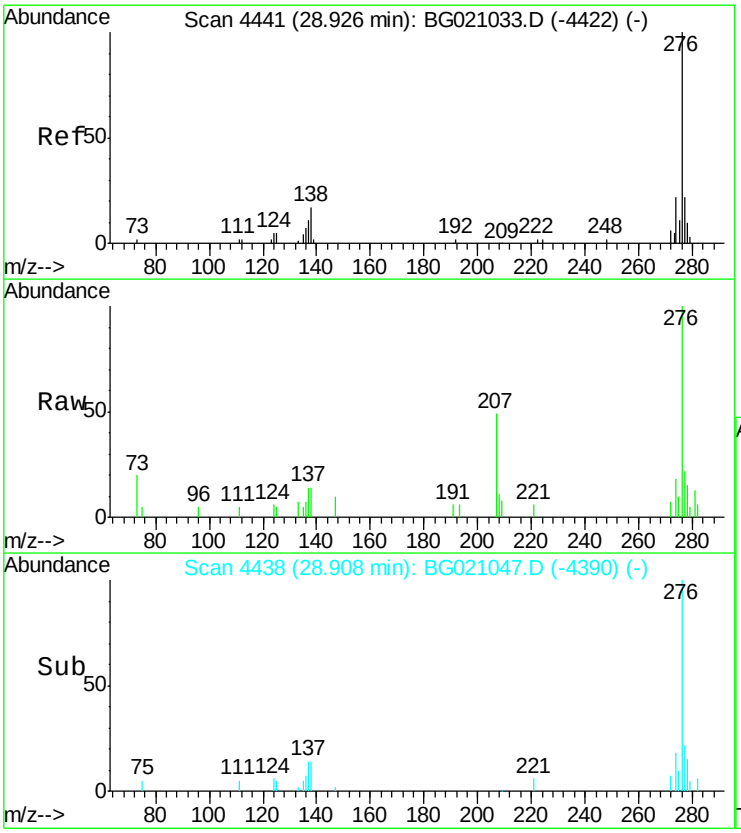
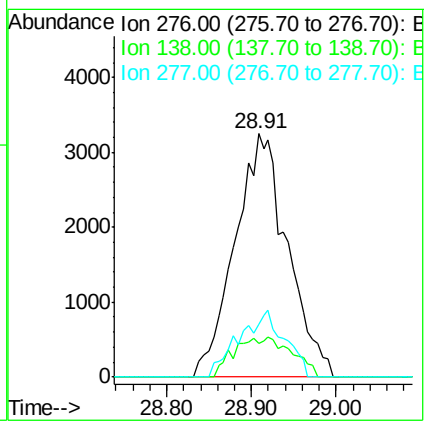
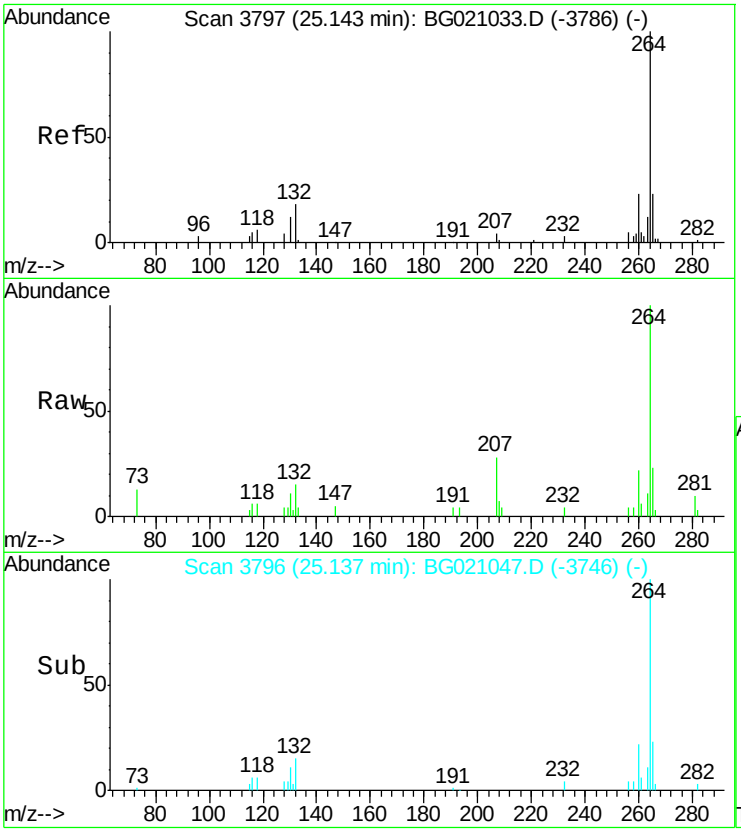


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.47 ng
RT: 28.91 min Scan# 4438
Delta R.T. -0.02 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:276 Resp: 13993

Ion	Ratio	Lower	Upper
276	100		
138	8.3	0.0	0.0#
277	23.8	0.0	0.0#

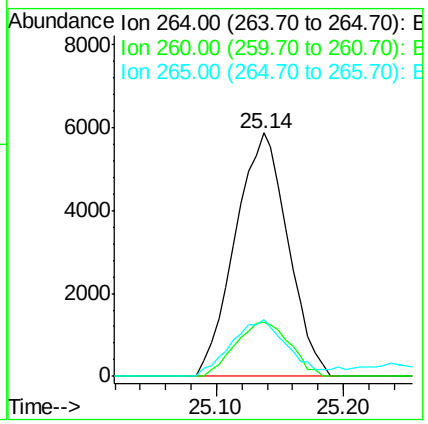




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:264 Resp: 16940

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	23.1	18.6	28.0



Instrument :
BNA_G
ClientSampleId :
P-07

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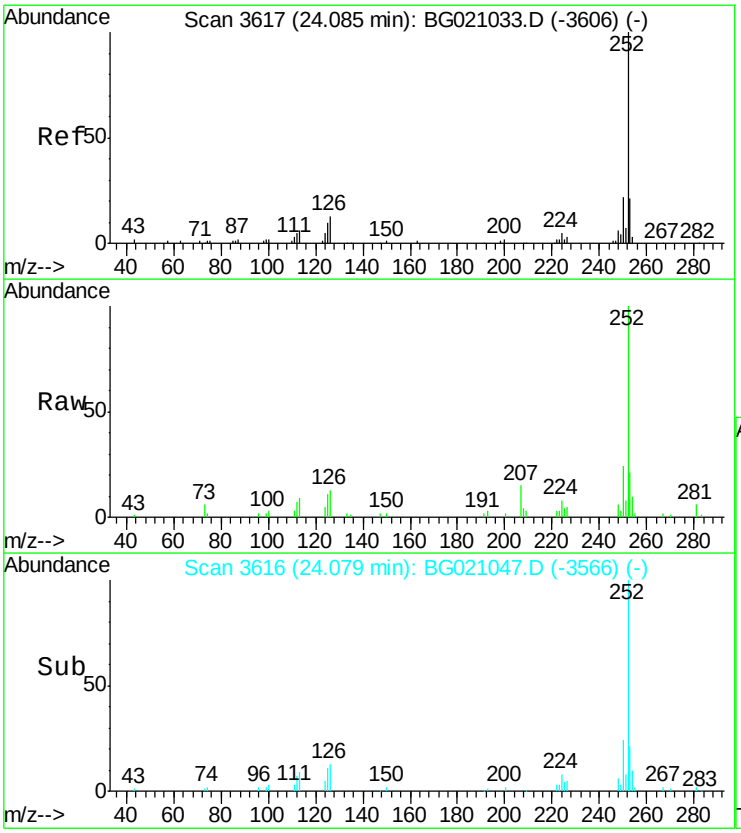
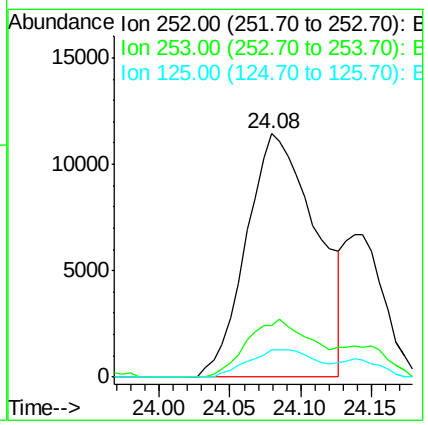
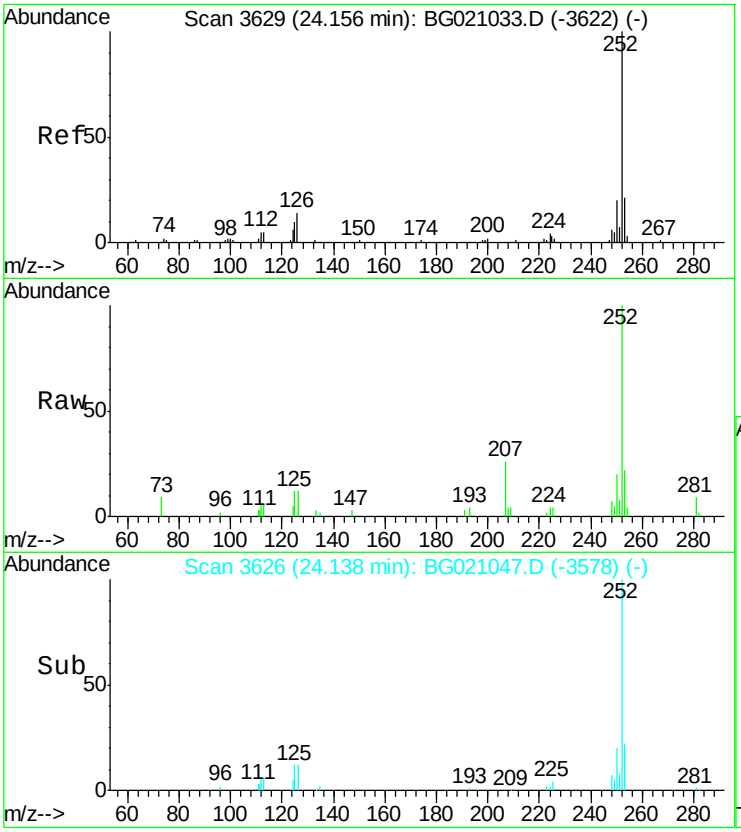


#87
Benzo(b)fluoranthene
Concen: 35.32 ng
RT: 24.08 min Scan# 3616
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:252 Resp: 39445

Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.8	25.2
125	11.2	8.2	12.2

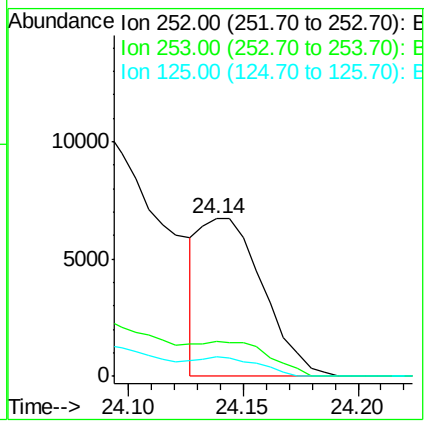




#88
Benzo(k)fluoranthene
Concen: 12.24 ng m
RT: 24.14 min Scan# 3626
Delta R.T. -0.02 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:252 Resp: 12895

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.4	24.6
125	12.5	8.2	12.2#



Instrument :
BNA_G
ClientSampleId :
P-07

Manual Integrations APPROVED
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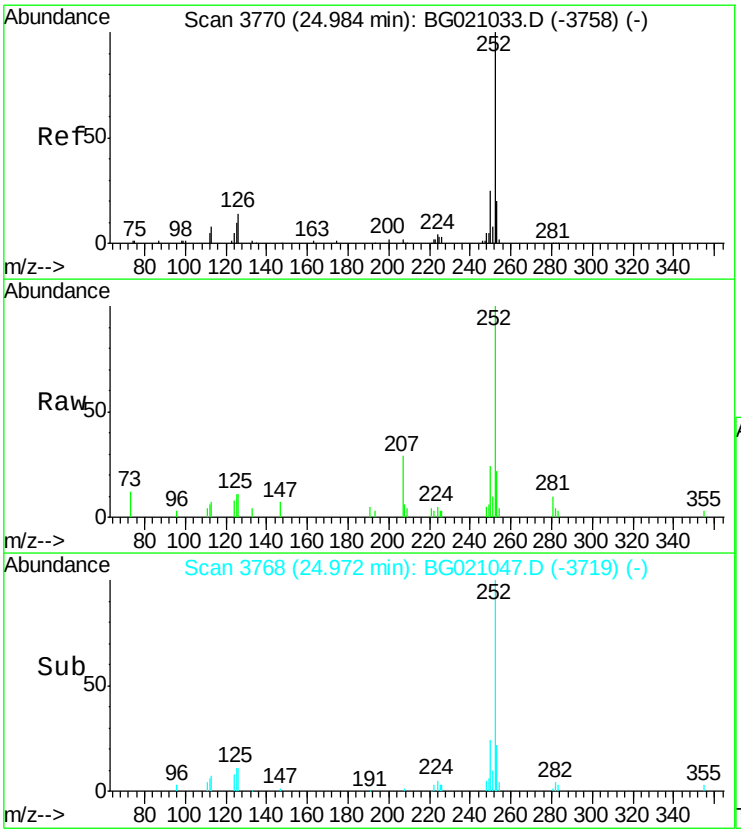
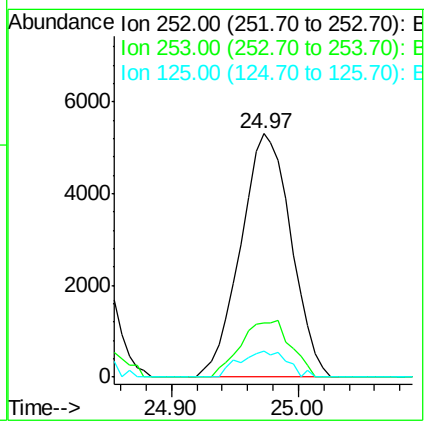
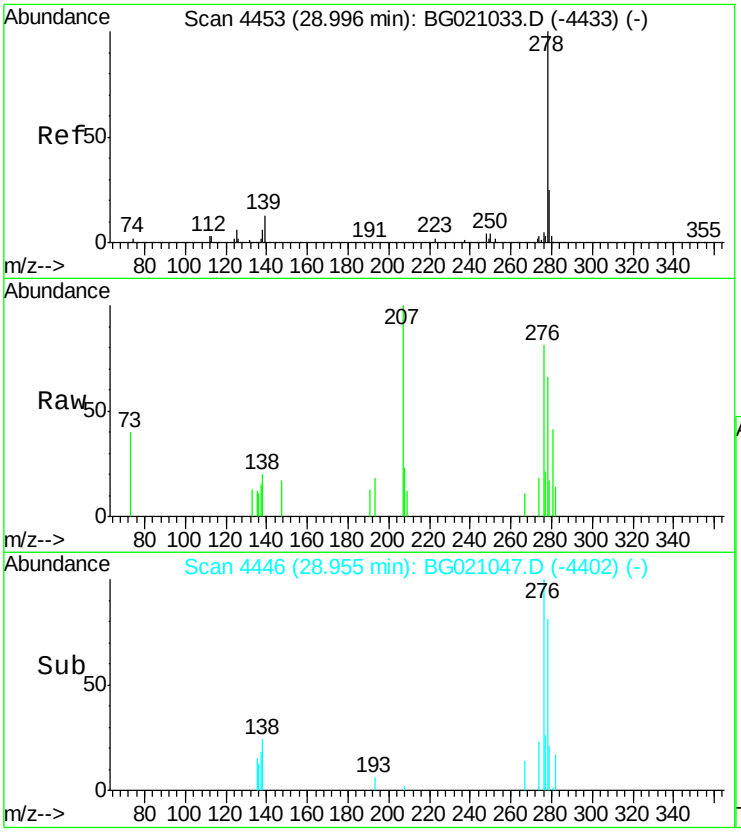


#89
Benzo(a)pyrene
Concen: 14.64 ng
RT: 24.97 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:252 Resp: 14653

Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	10.9	8.4	12.6

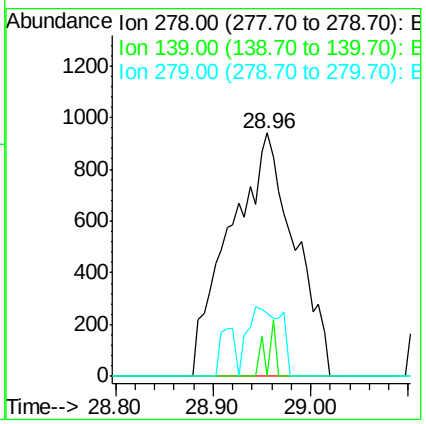




#90
Dibenzo(a,h)anthracene
Concen: 4.78 ng
RT: 28.96 min Scan# 4446
Delta R.T. -0.04 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:278 Resp: 4309

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	15.8#
279	25.8	19.7	29.5



Instrument :
BNA_G
ClientSampleId :
P-07

Manual Integrations APPROVED
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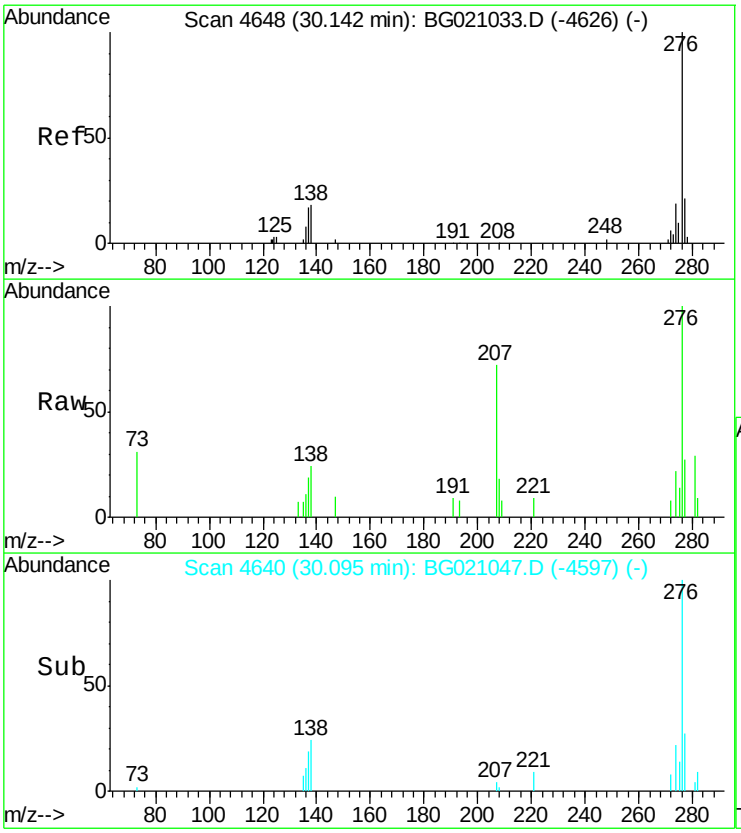

#91
Benzo(g,h,i)perylene
Concen: 12.85 ng
RT: 30.09 min Scan# 4640
Delta R.T. -0.05 min
Lab File: BG021047.D
Acq: 24 Feb 2016 5:13

Tgt Ion:276 Resp: 11561

Ion	Ratio	Lower	Upper
276	100		
277	26.8	16.6	25.0#
138	24.3	14.6	21.8#