Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
Sohil
3/1/2019 4:23:29 PM

Quant Time: Mar 01 06:33:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57304	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	244981	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167735	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	408964	20.00	ng	0.00
76) Chrysene-d12	21.82	240	399284	20.00	ng	0.00
87) Perylene-d12	25.20	264	411073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	495059	147.86	ng	0.00
7) Phenol-d6	7.31	99	726368	147.38	ng	0.00
23) Nitrobenzene-d5	9.34	82	431954	110.15	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	283825	157.14	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	986865	84.40	ng	0.00
79) Terphenyl-d14	20.13	244	1359884	72.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.34	94	12764	2.484	ng	97
50) Dimethylphthalate	14.23	163	89466	6.604	ng	98
71) Phenanthrene	17.58	178	83071	3.925	ng	94
75) Fluoranthene	19.57	202	125365	5.103	ng	96
78) Pyrene	19.94	202	110998	4.466	ng	99
81) Benzo(a)anthracene	21.80	228	62174	2.635	ng	97
83) Chrysene	21.87	228	54600	2.431	ng	94
88) Benzo(b)fluoranthene	24.11	252	63047	2.812	ng	96
90) Benzo(a)pyrene	25.03	252	50058m	2.319	ng	

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039668.D
Acq On : 28 Feb 2019 20:17
Operator : JU/SJ
Sample : K1628-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 01 06:33:08 2019
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Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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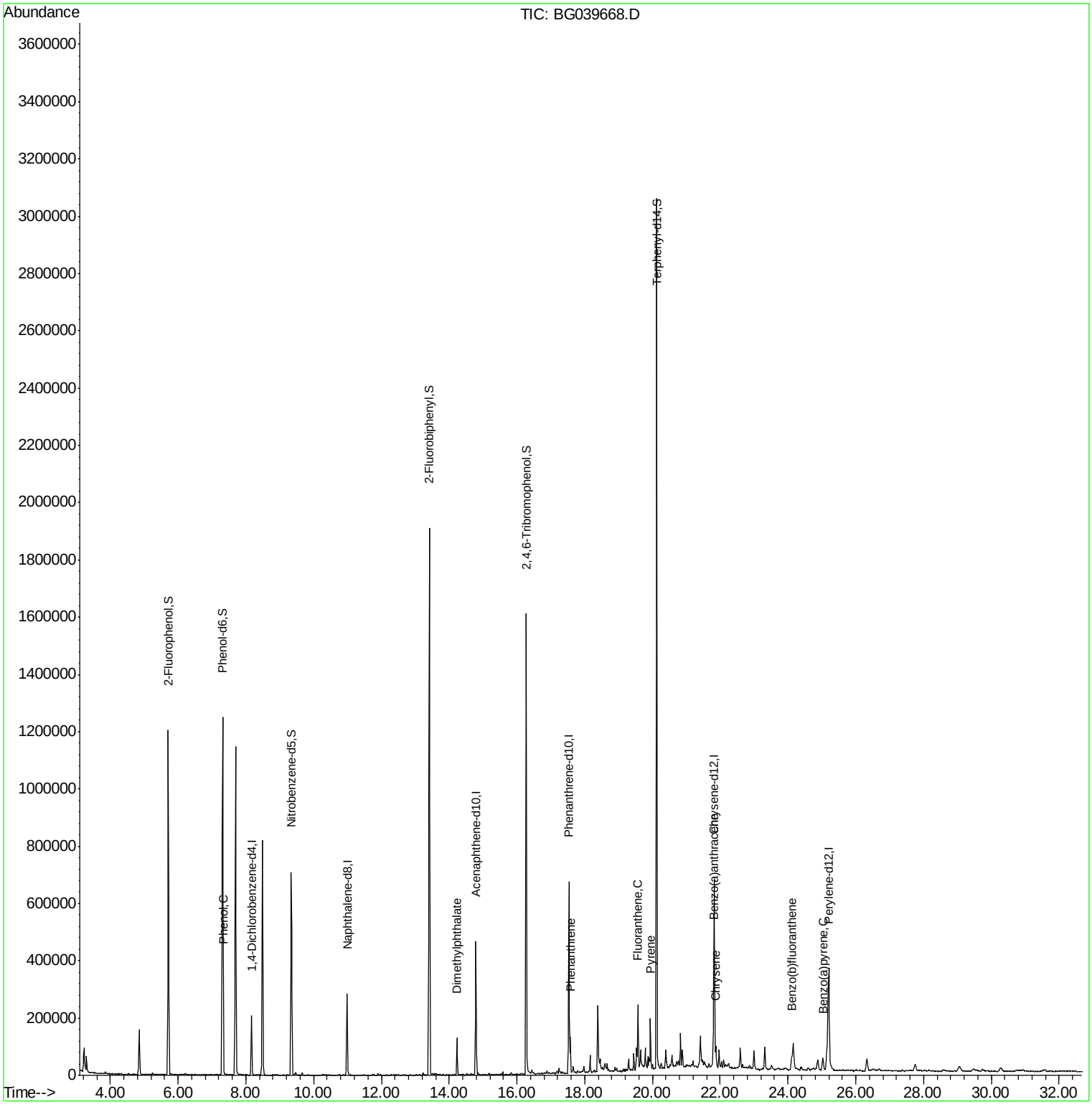
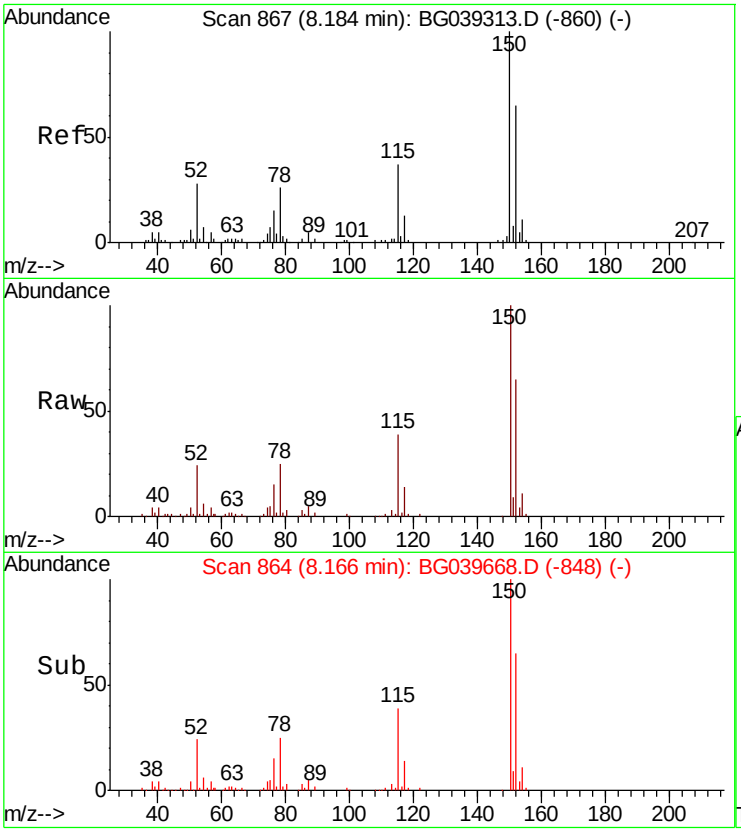
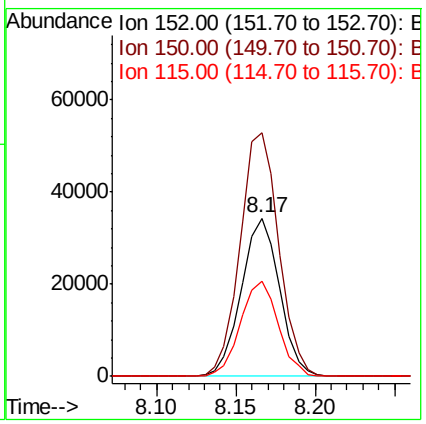




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:152 Resp: 57304

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	60.1	45.9	68.9



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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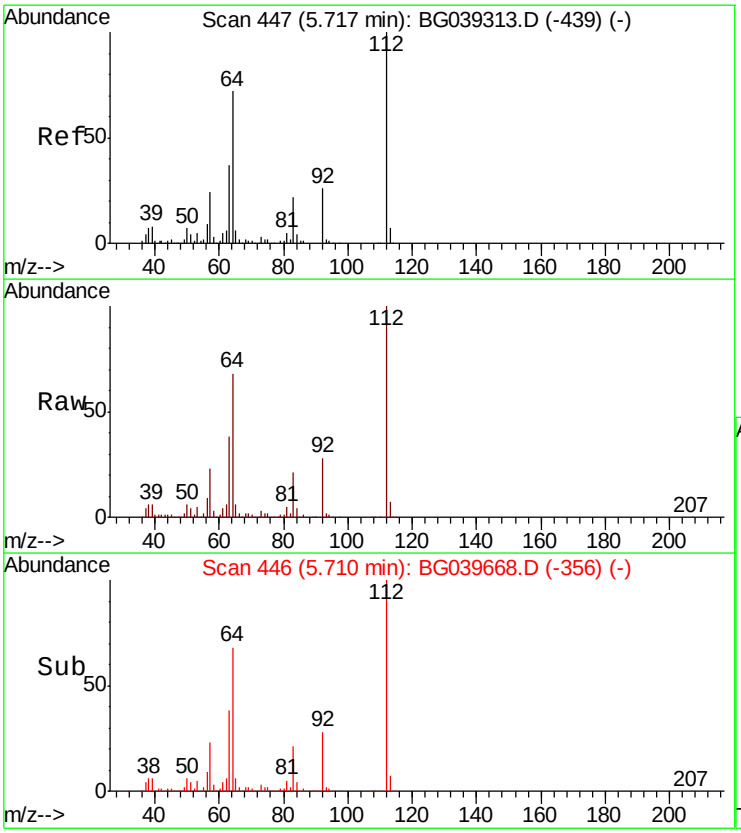
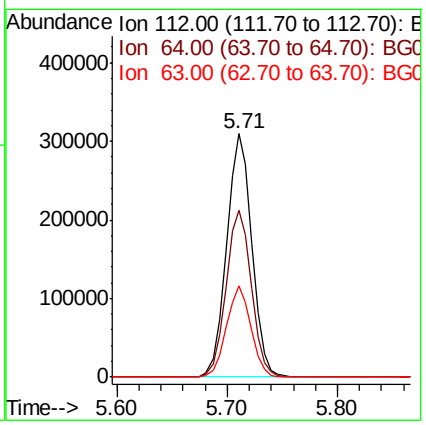
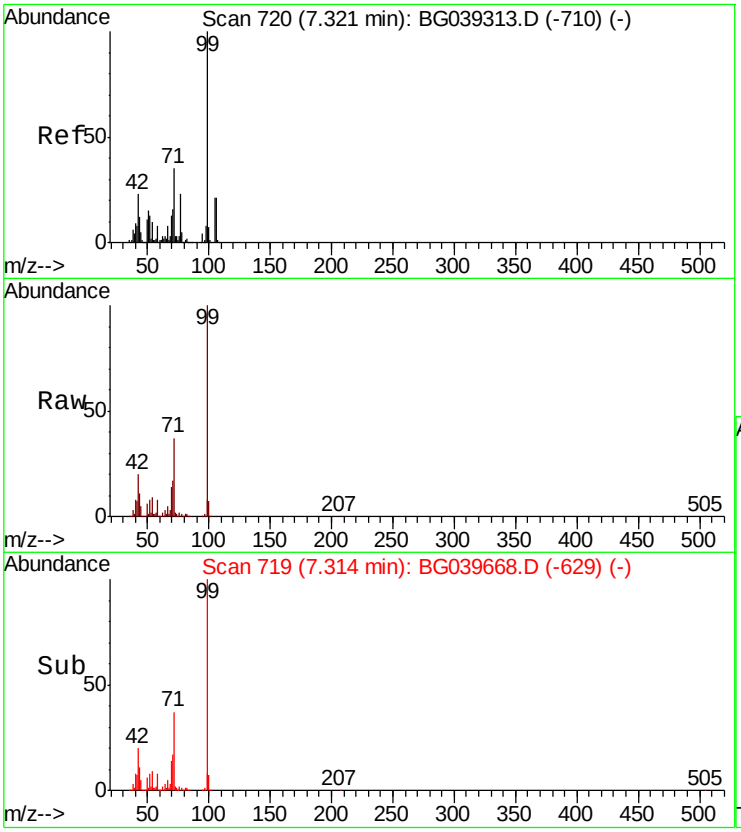


#5
2-Fluorophenol
Concen: 147.860 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:112 Resp: 495059

Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	37.5	29.8	44.6

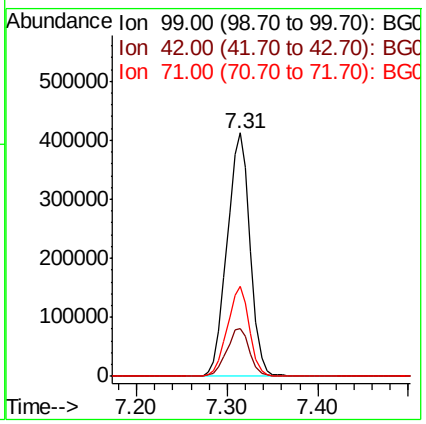




#7
Phenol-d6
Concen: 147.384 ng
RT: 7.31 min Scan# 719
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion: 99 Resp: 726368

Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.2	27.2
71	37.1	28.0	42.0



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

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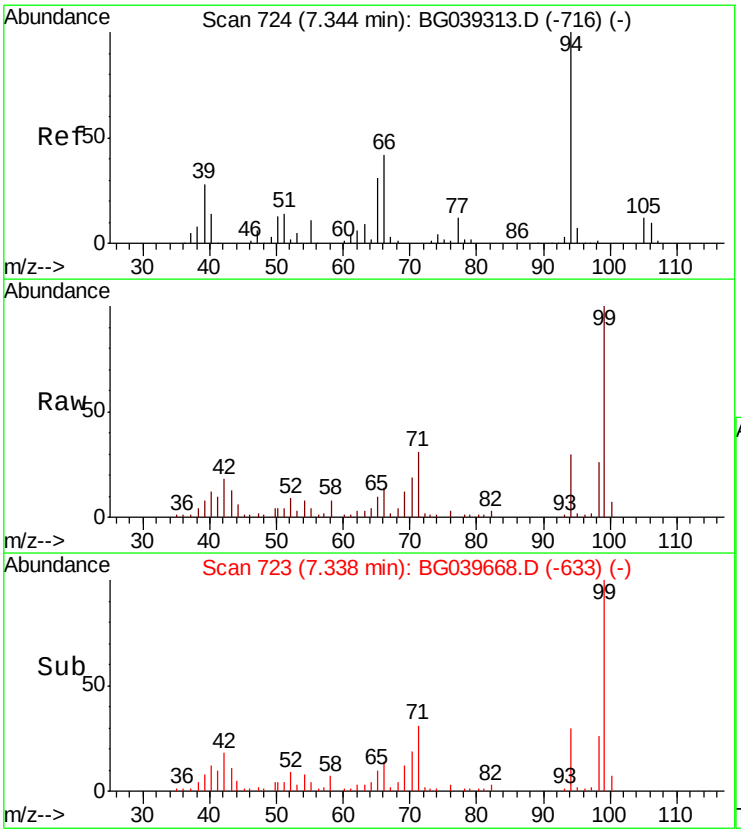
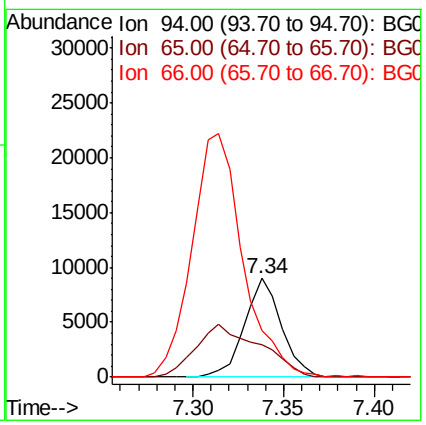
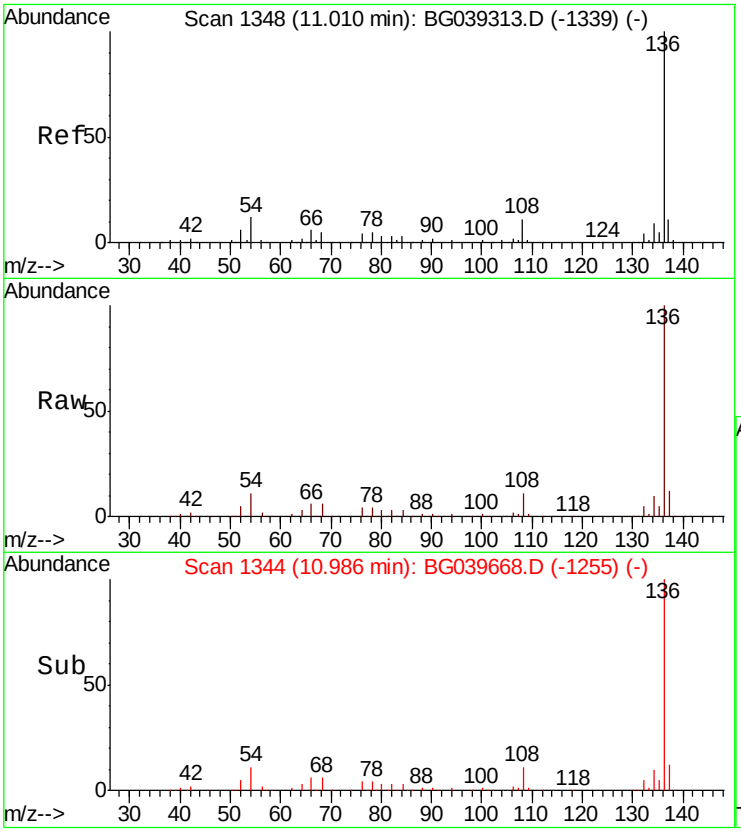


#10
Phenol
Concen: 2.484 ng
RT: 7.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion: 94 Resp: 12764

Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	46.7	23.7	63.7

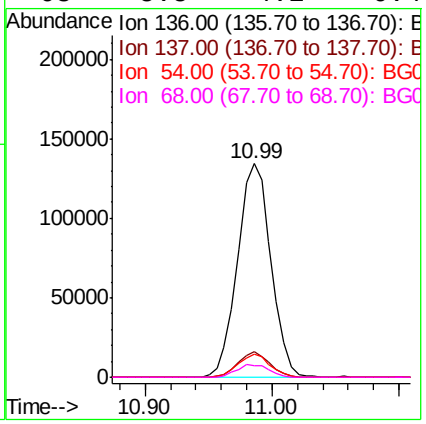




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:136 Resp: 244981

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.0	9.4	14.2
68	5.5	4.2	6.4



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

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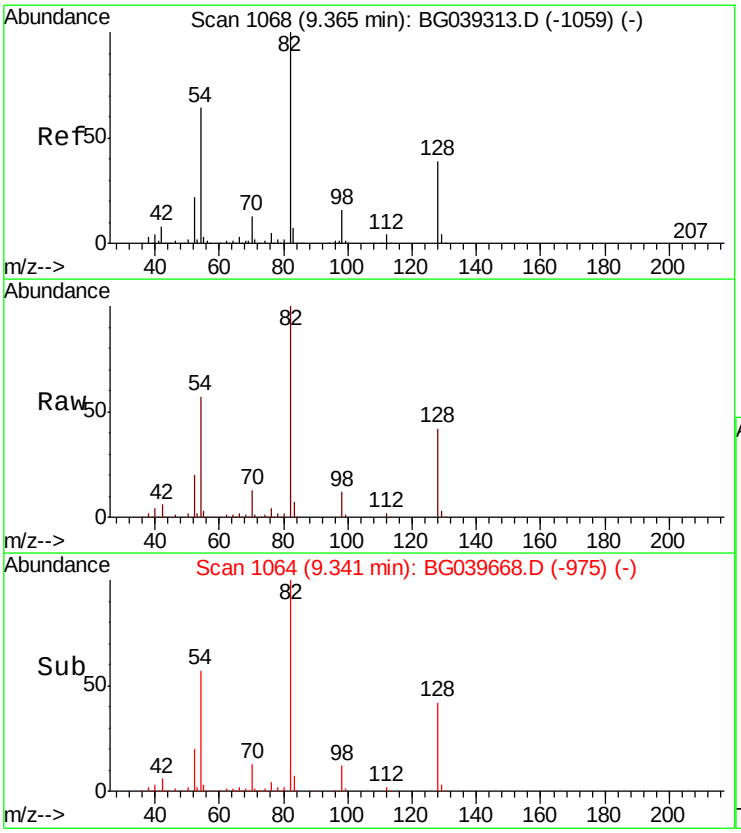
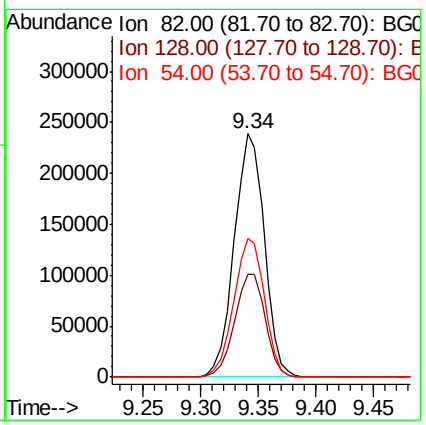
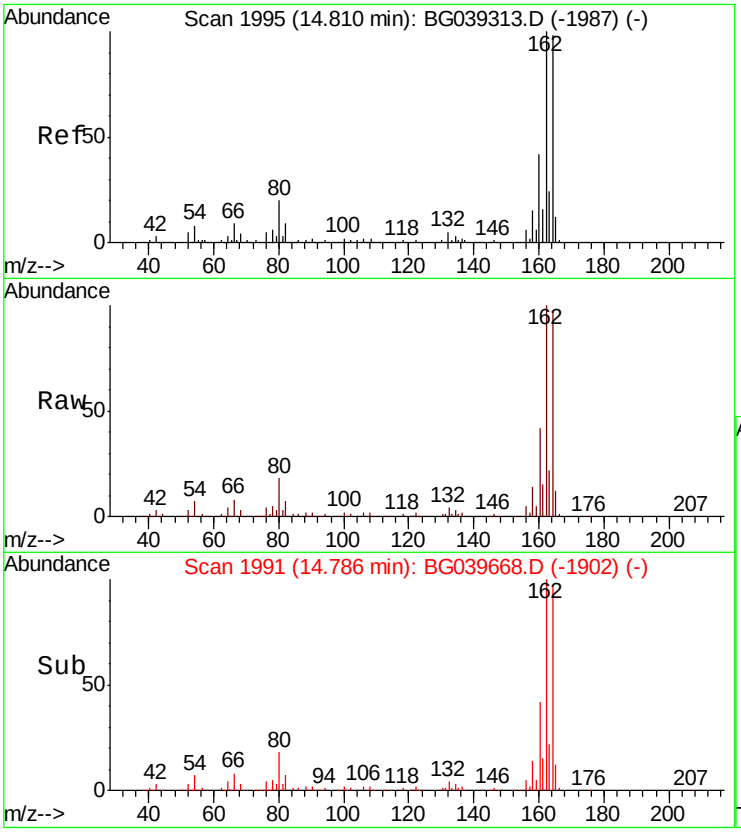


#23
Nitrobenzene-d5
Concen: 110.151 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion: 82 Resp: 431954

Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.3	46.9
54	57.0	50.9	76.3

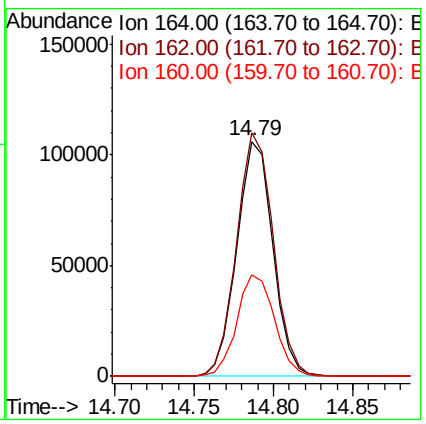




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:164 Resp: 167735

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.6	122.4
160	43.0	34.2	51.2



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

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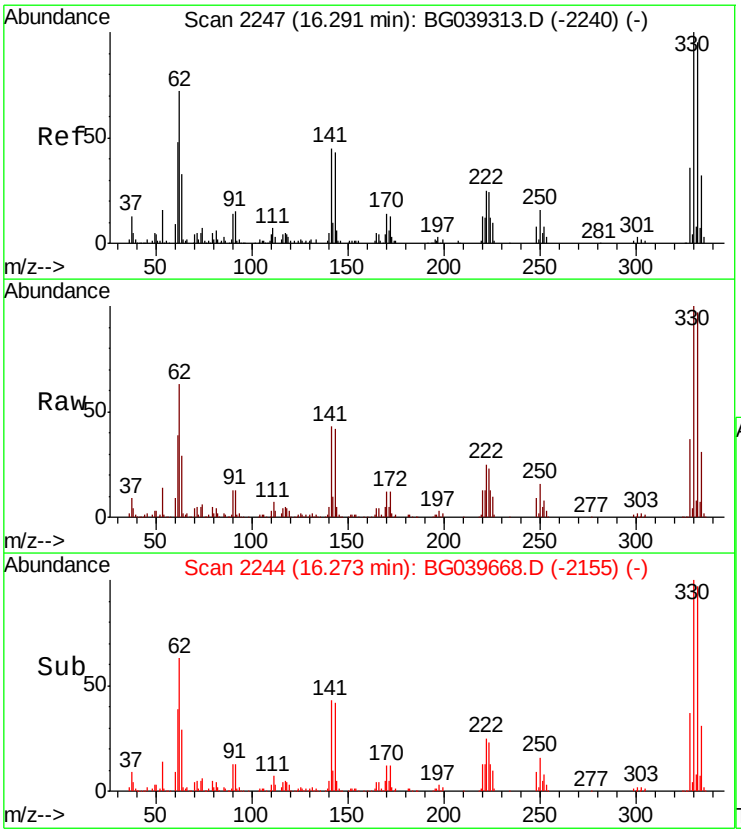
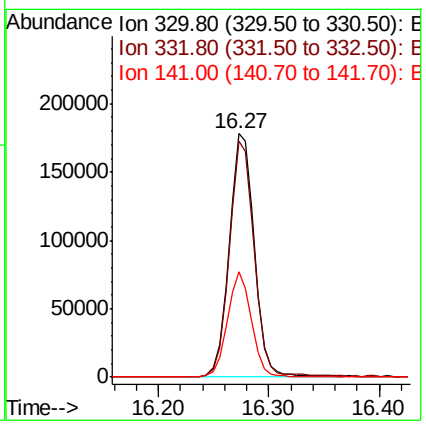
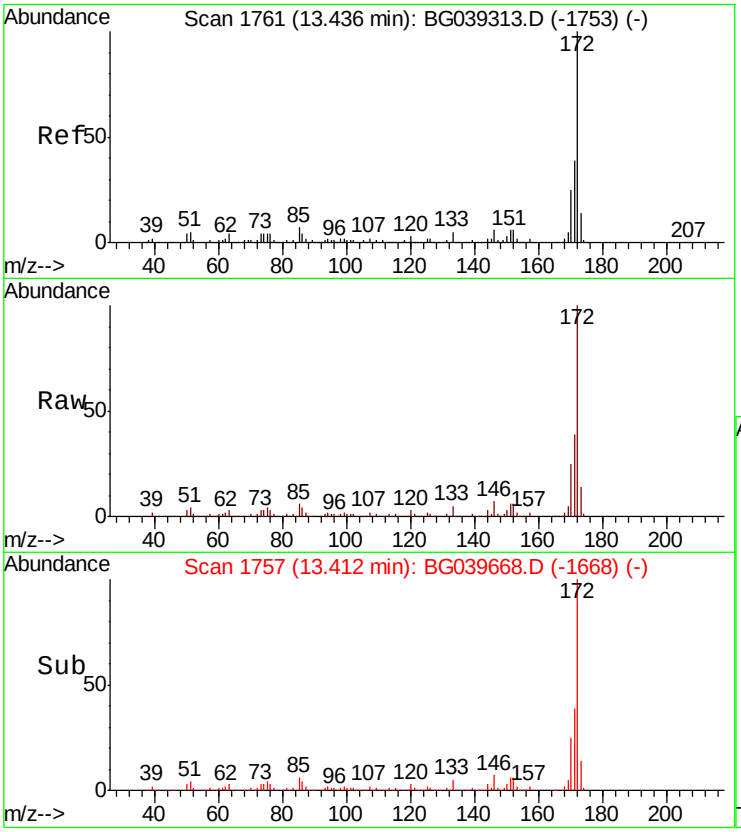


#42
2,4,6-Tribromophenol
Concen: 157.138 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:330 Resp: 283825

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	41.3	35.6	53.4

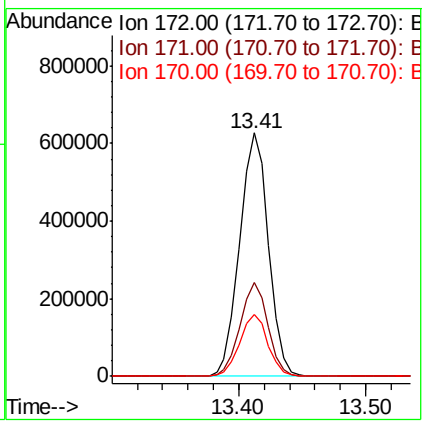




#45
2-Fluorobiphenyl
Concen: 84.401 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:172 Resp: 986865

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	25.5	20.2	30.4



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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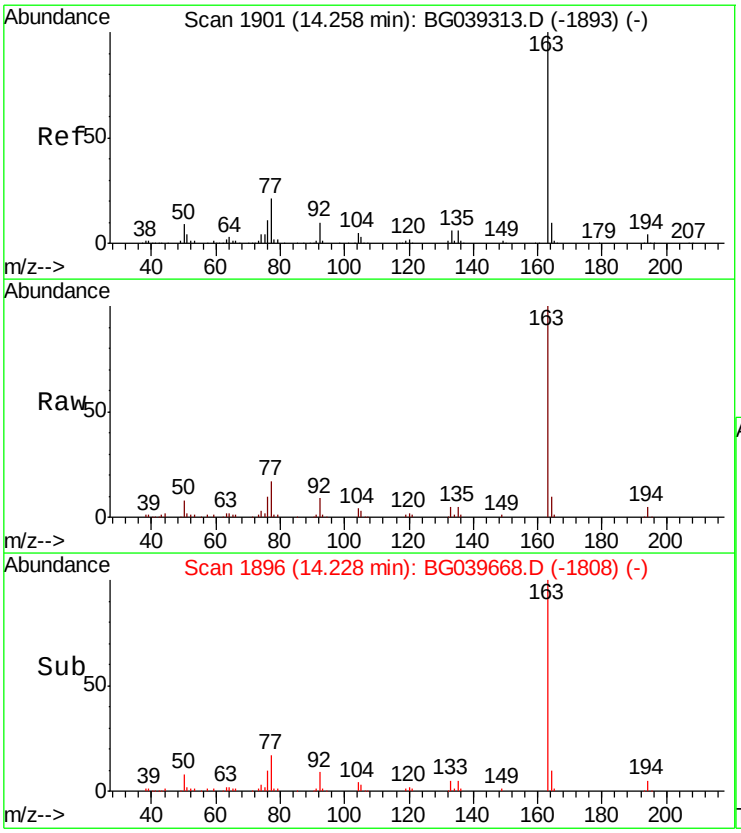
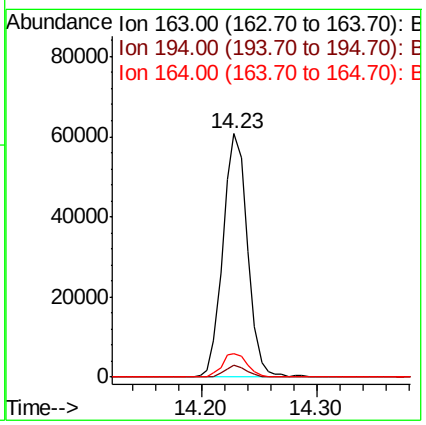
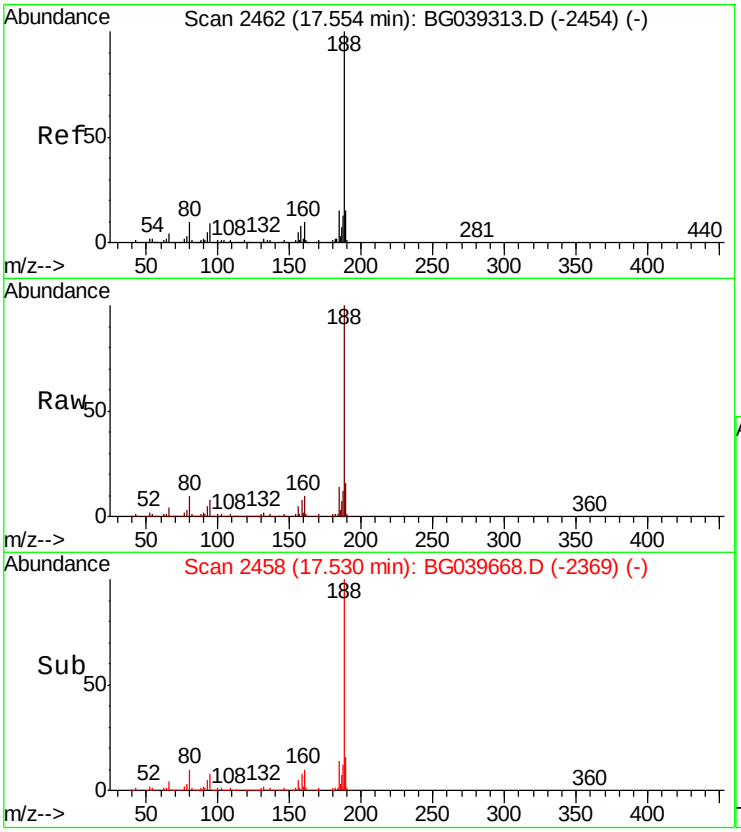


#50
Dimethylphthalate
Concen: 6.604 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:163 Resp: 89466

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	9.7	8.4	12.6

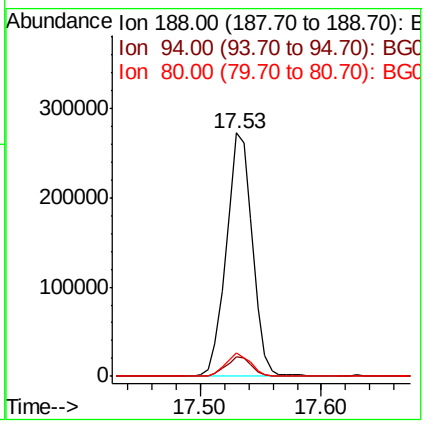




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:188 Resp: 408964

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.5	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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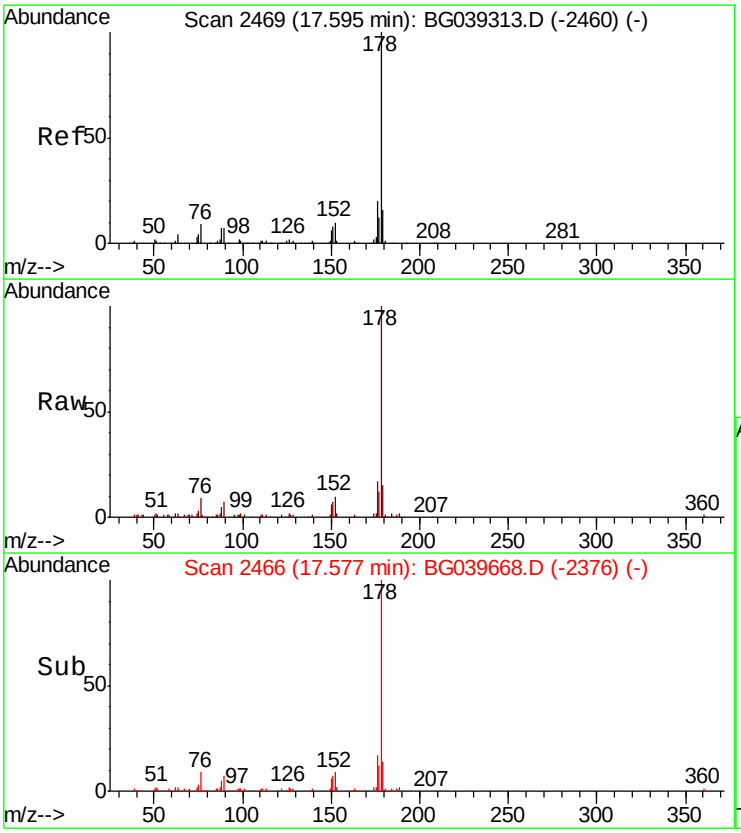
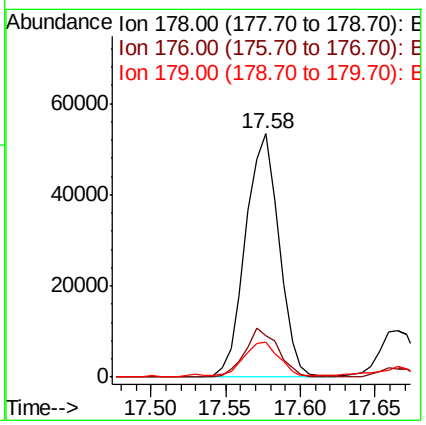
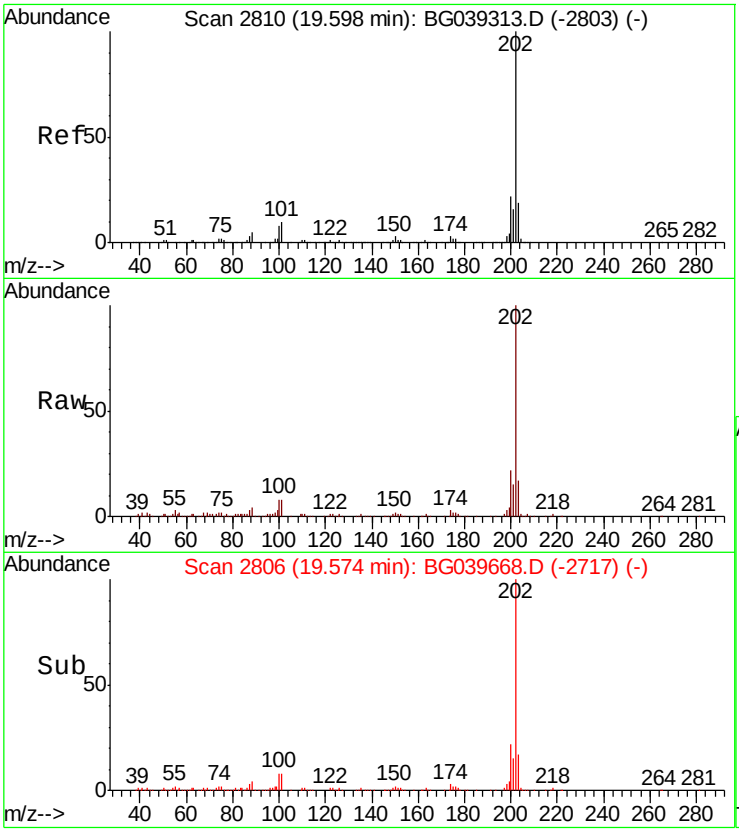


#71
Phenanthrene
Concen: 3.925 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:178 Resp: 83071

Ion	Ratio	Lower	Upper
178	100		
176	16.9	16.2	24.4
179	14.5	12.6	19.0

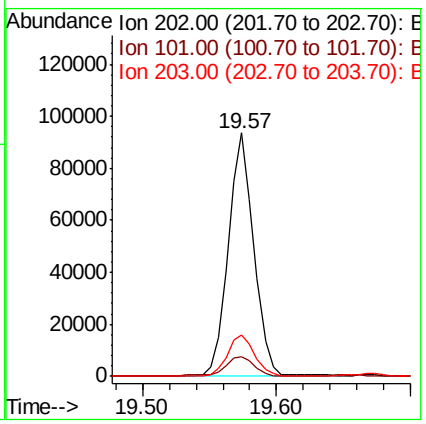




#75
Fluoranthene
Concen: 5.103 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:202 Resp: 125365

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	30.0
203	17.2	0.0	38.9



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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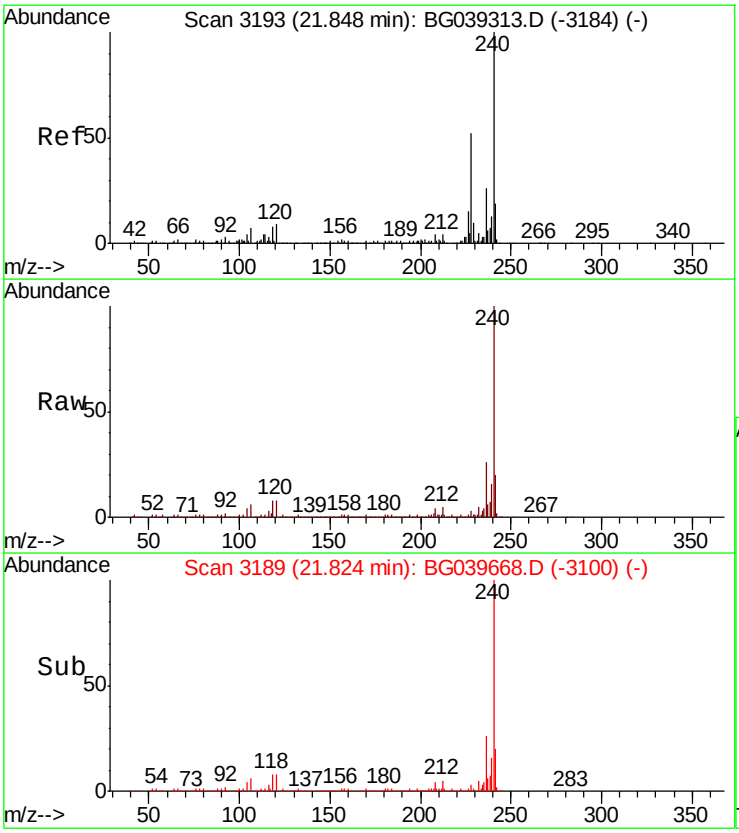
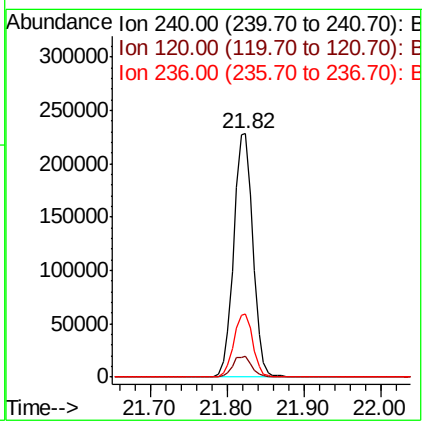
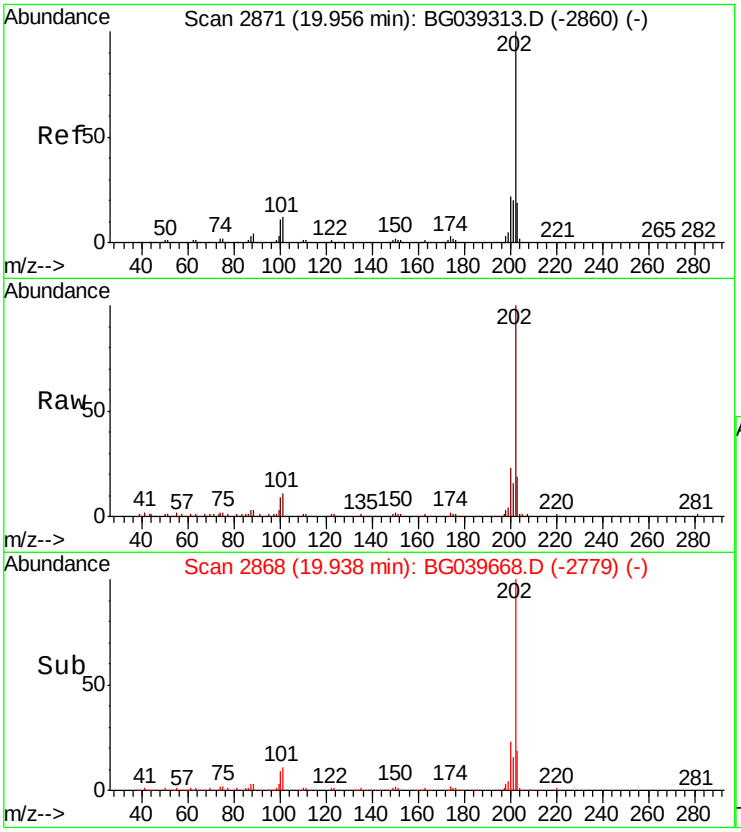


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:240 Resp: 399284

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.7	21.0	31.4

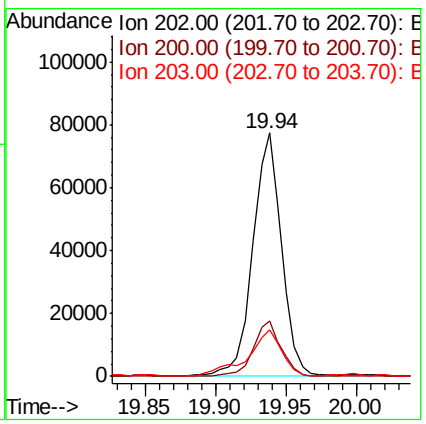




#78
Pyrene
Concen: 4.466 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

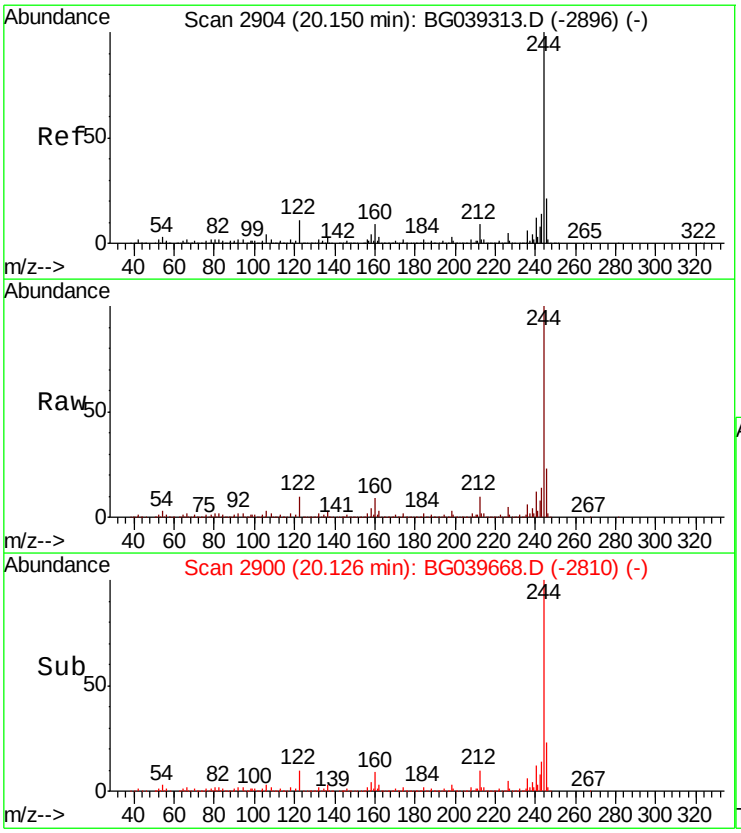
Tgt Ion:202 Resp: 110998

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	19.0	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

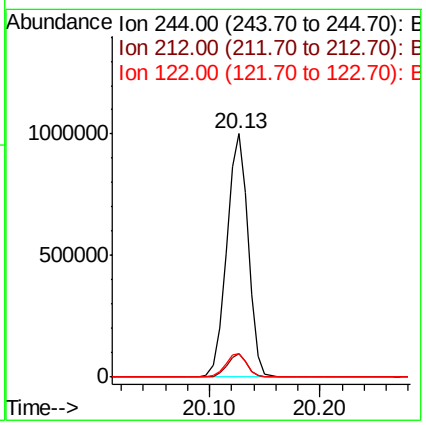
Manual Integrations APPROVED
Sohil
3/1/2019 4:23:29 PM

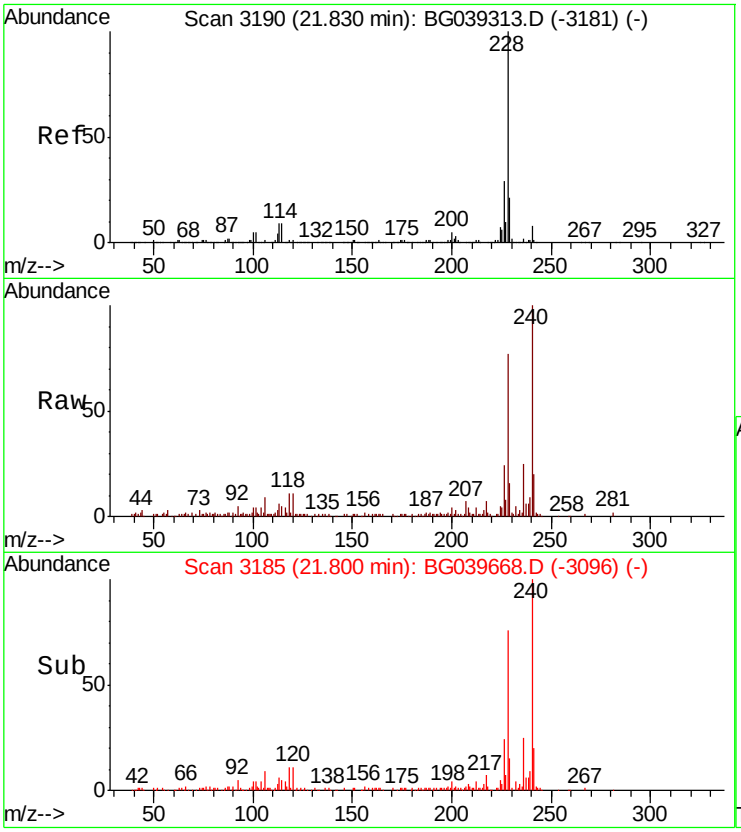


#79
Terphenyl-d14
Concen: 72.090 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:244 Resp: 1359884

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.6	8.4	12.6

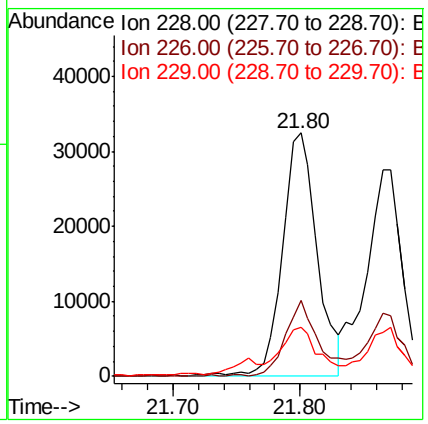




#81
Benzo(a)anthracene
Concen: 2.635 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:228 Resp: 62174

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.6
229	20.4	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

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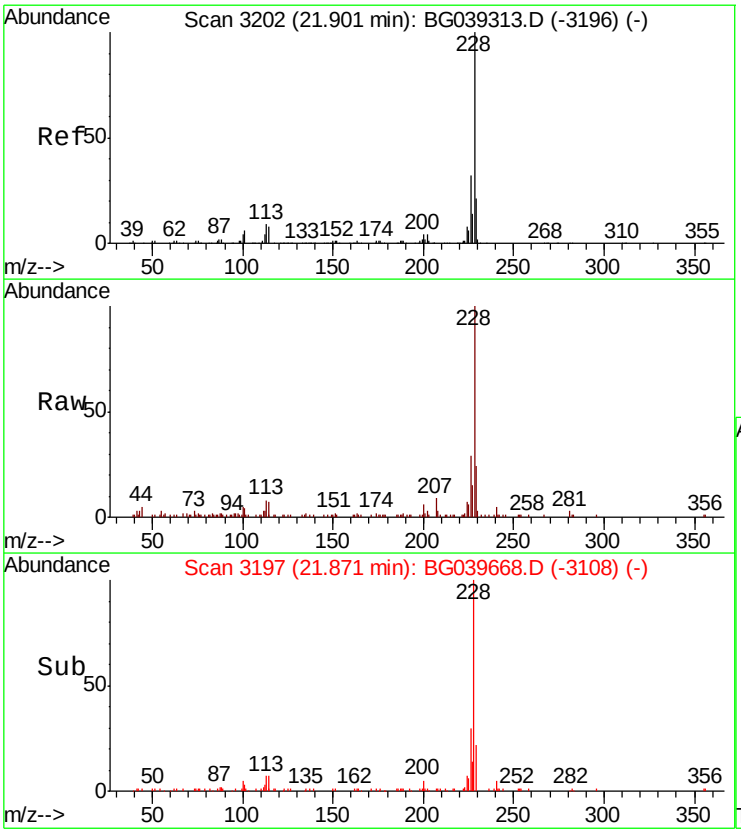
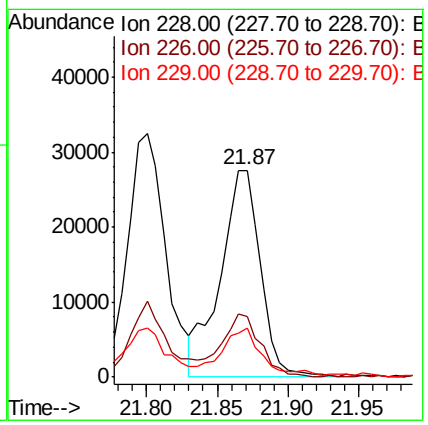
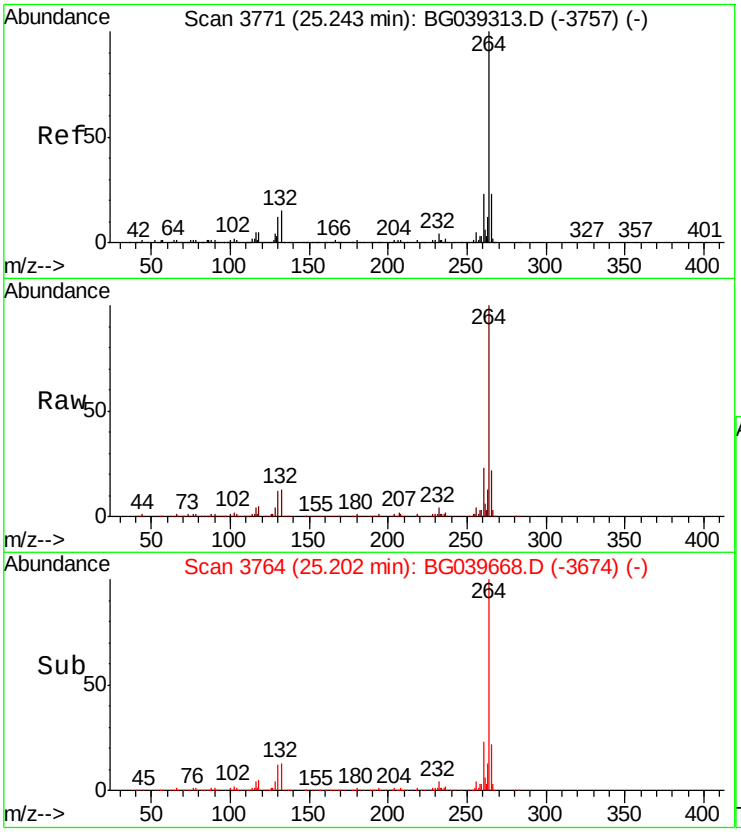


#83
Chrysene
Concen: 2.431 ng
RT: 21.87 min Scan# 3197
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:228 Resp: 54600

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.8	38.6
229	23.6	16.6	25.0

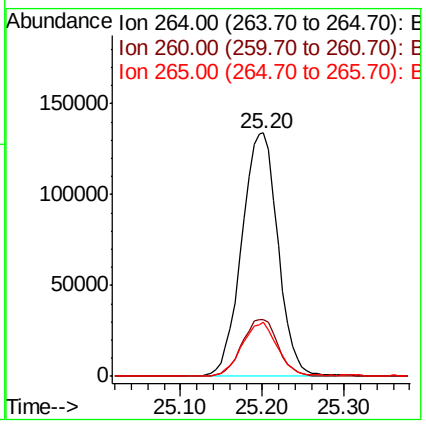




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:264 Resp: 411073

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.5	18.5	27.7



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

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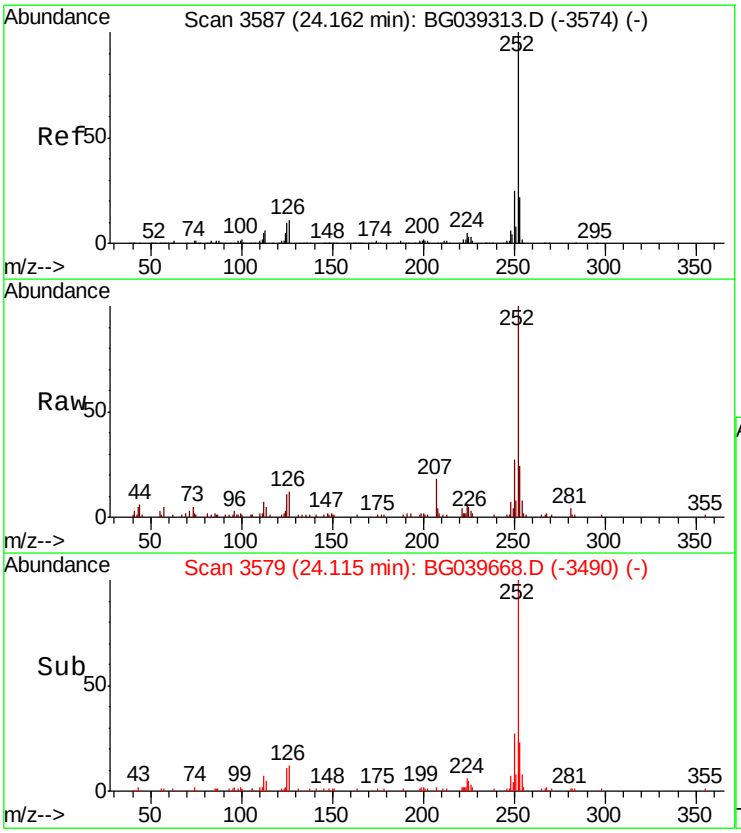
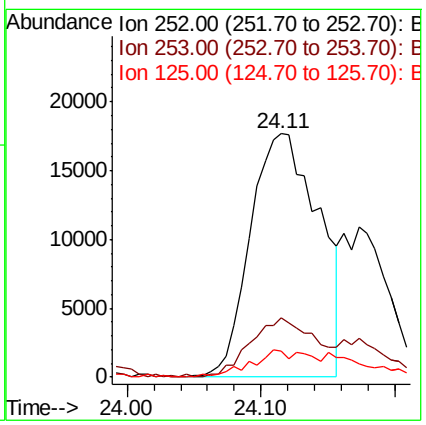
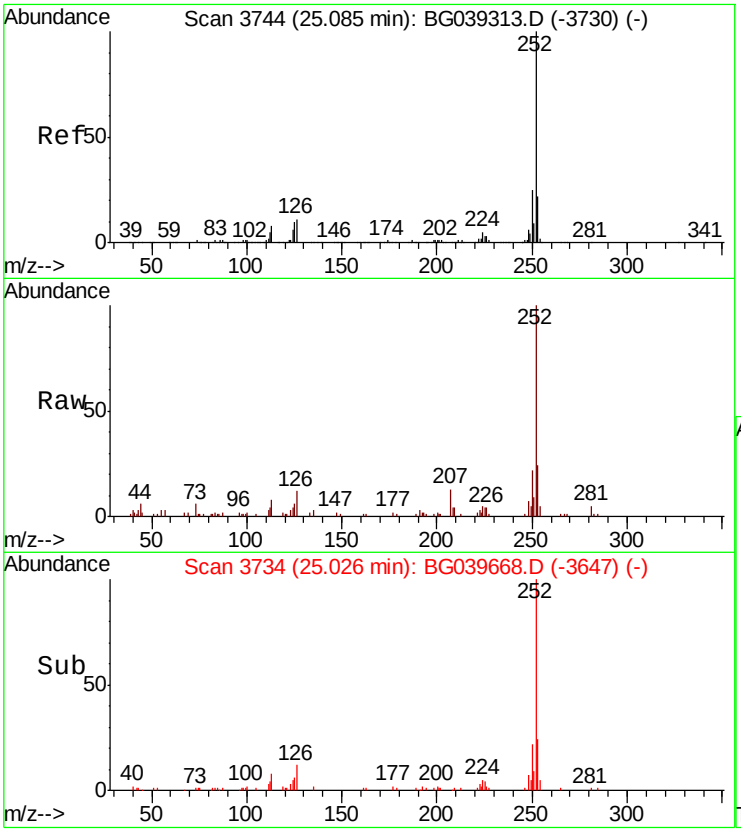


#88
Benzo(b)fluoranthene
Concen: 2.812 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:252 Resp: 63047

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	10.8	7.8	11.6

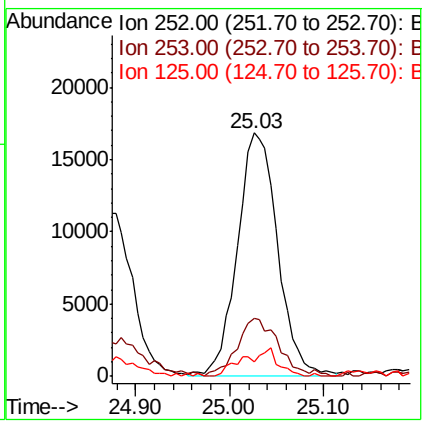




#90
Benzo(a)pyrene
Concen: 2.319 ng m
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039668.D
Acq: 28 Feb 2019 20:17

Tgt Ion:252 Resp: 50058

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	6.0	8.3	12.5#



Instrument :
BNA_G
ClientSampleId :
A0C6-1-0.5-1.0

Manual Integrations APPROVED
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