Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044036.D
Acq On : 14 Jan 2020 14:49
Operator : JU
Sample : L1108-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 21:14:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119818	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	493576	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	303034	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	636132	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	573338	20.00	ng		-0.02
87) Perylene-d12	24.70	264	663001	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	694721	106.46	ng		-0.01
7) Phenol-d6	7.11	99	951774	104.34	ng		-0.01
23) Nitrobenzene-d5	9.10	82	553198	59.96	ng		-0.02
42) 2,4,6-Tribromophenol	16.06	330	331544	104.55	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1116140	66.73	ng		-0.02
79) Terphenyl-d14	19.93	244	1508410	57.65	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.14	94	22299	2.373	ng		92
50) Dimethylphthalate	14.03	163	97704	4.541	ng		99
71) Phenanthrene	17.36	178	120432	3.947	ng		95
75) Fluoranthene	19.37	202	171536	4.916	ng		93
78) Pyrene	19.73	202	148970m	3.981	ng		
81) Benzo(a)anthracene	21.55	228	79269	2.230	ng		91
83) Chrysene	21.61	228	68193	2.019	ng	#	92
84) Bis(2-ethylhexyl)phthalate	21.47	149	67722	2.755	ng		93
88) Benzo(b)fluoranthene	23.70	252	90404	2.307	ng		95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044036.D
Acq On : 14 Jan 2020 14:49
Operator : JU
Sample : L1108-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 14 21:14:29 2020
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Instrument :
BNA_G
ClientSampleId :
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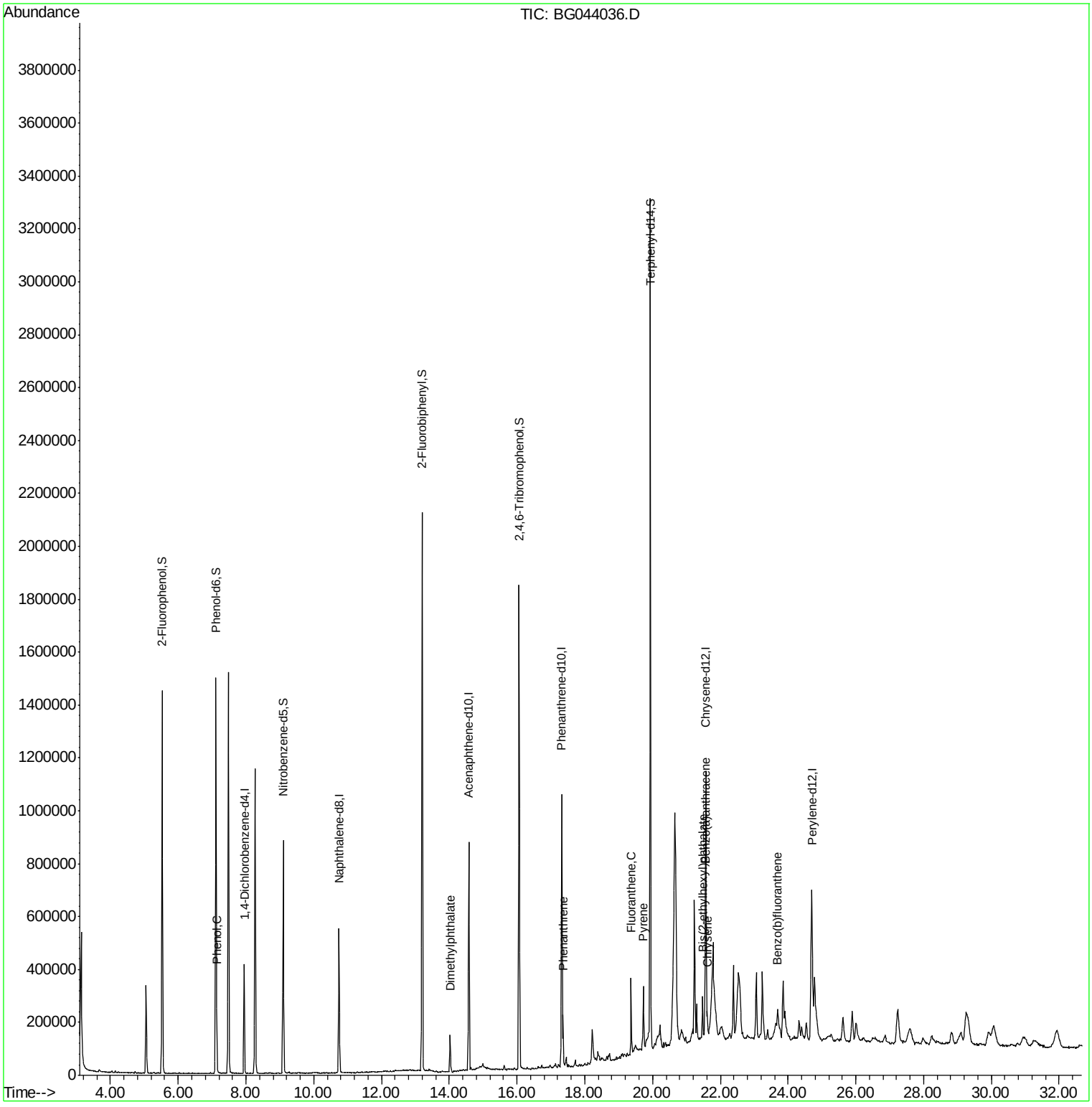
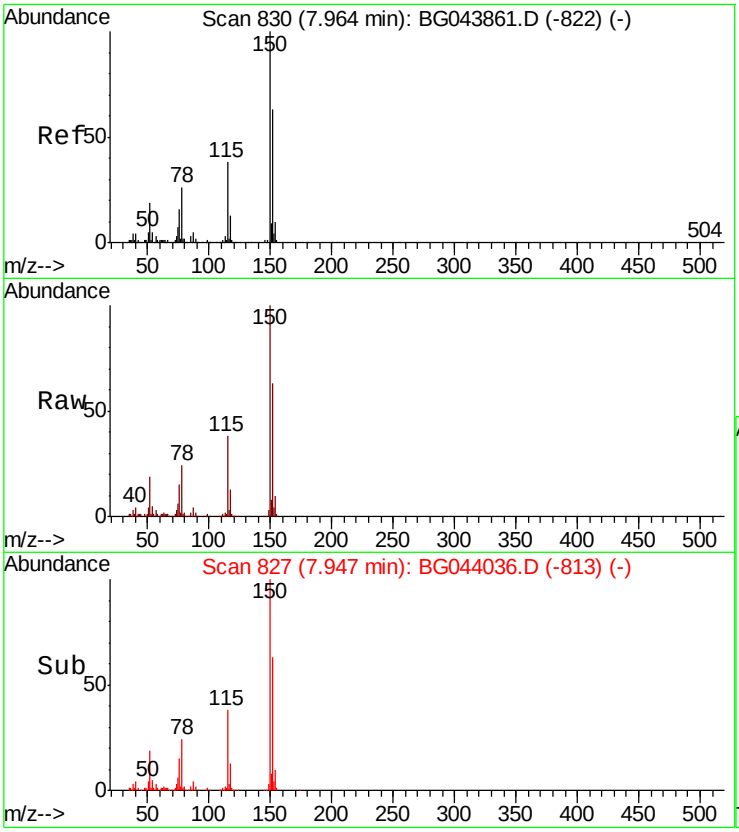
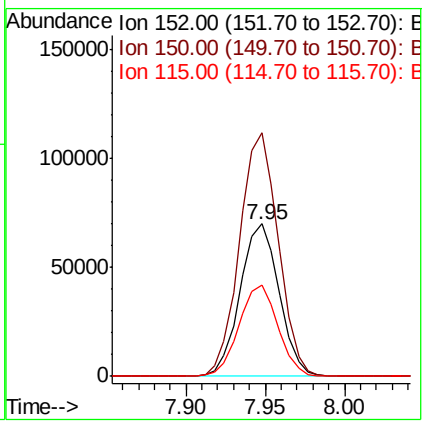




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:152 Resp: 119818

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.0	190.4
115	60.0	47.8	71.8



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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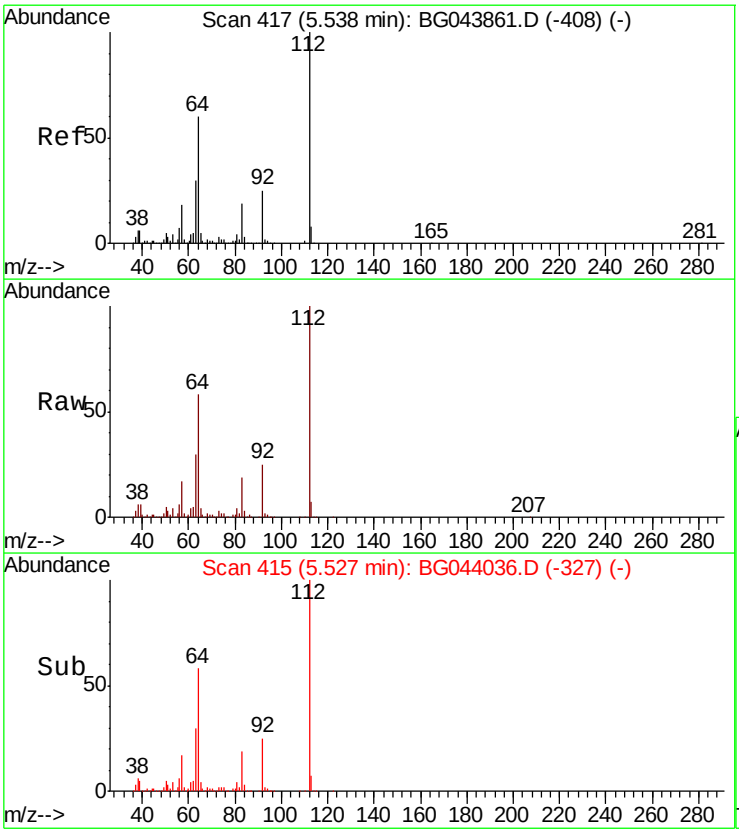
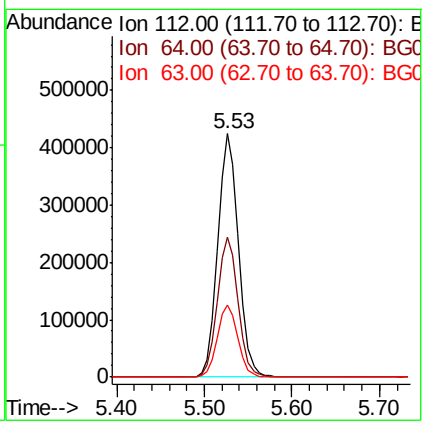
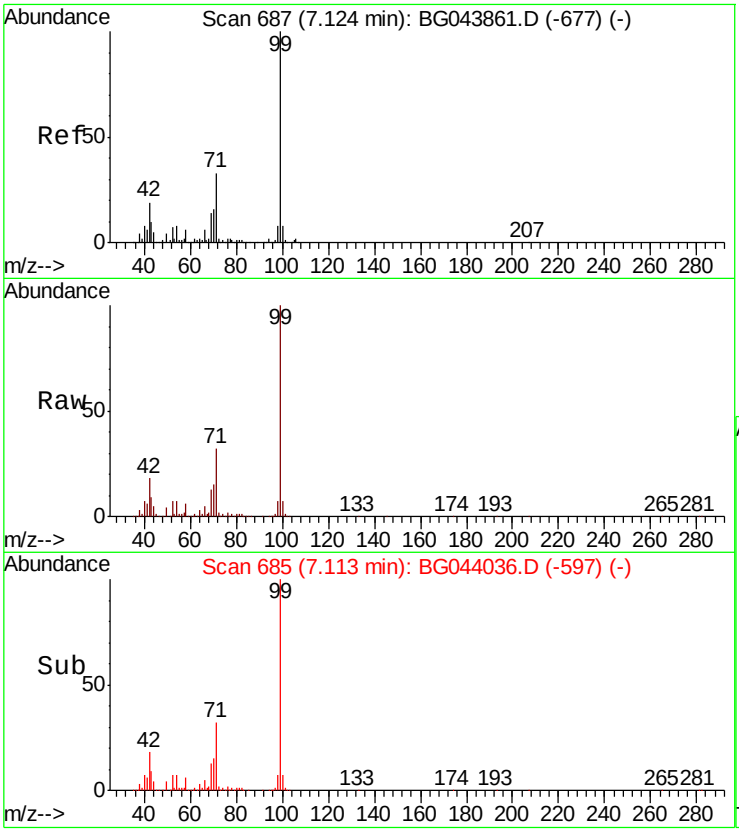


#5
2-Fluorophenol
Concen: 106.461 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:112 Resp: 694721

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.8	71.6
63	29.8	24.3	36.5

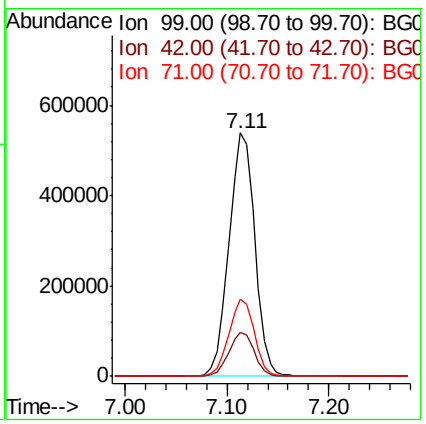




#7
Phenol-d6
Concen: 104.343 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.01 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion: 99 Resp: 951774

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	31.8	26.4	39.6



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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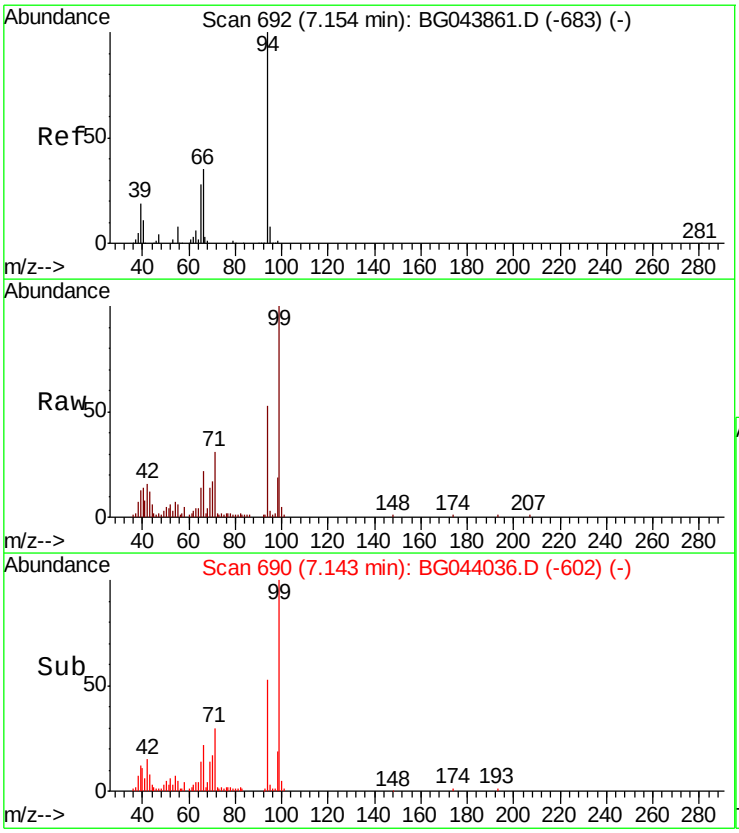
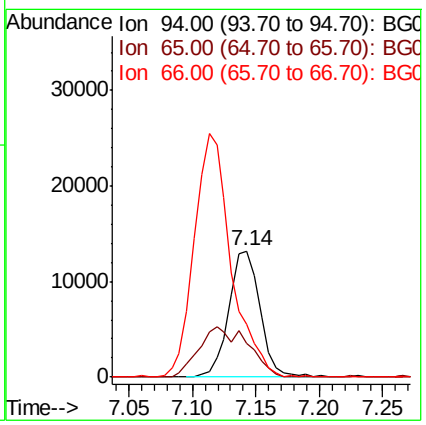
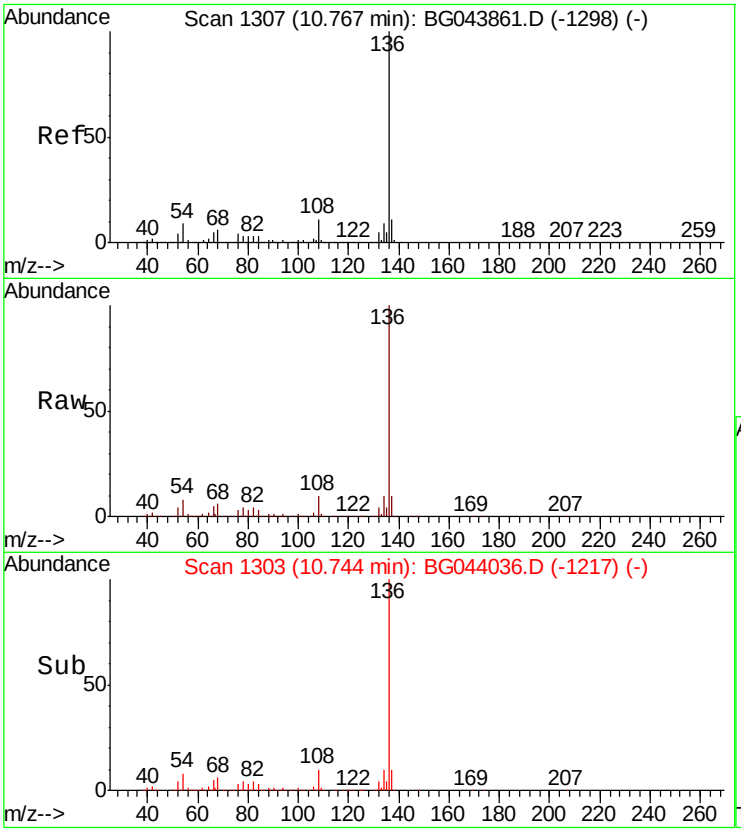


#10
Phenol
Concen: 2.373 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion: 94 Resp: 22299

Ion	Ratio	Lower	Upper
94	100		
65	26.6	8.1	48.1
66	42.1	15.6	55.6

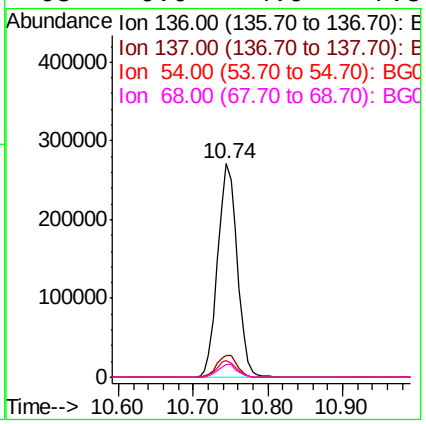




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:136 Resp: 493576

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	7.0	10.4
68	6.0	4.9	7.3



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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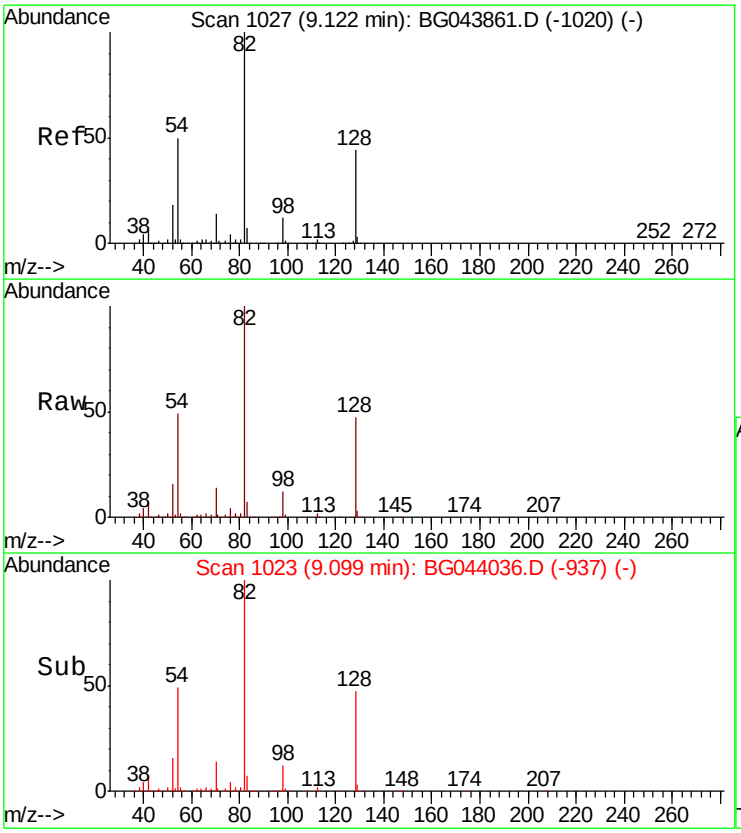
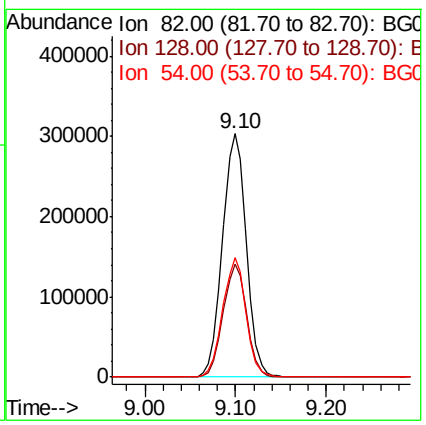
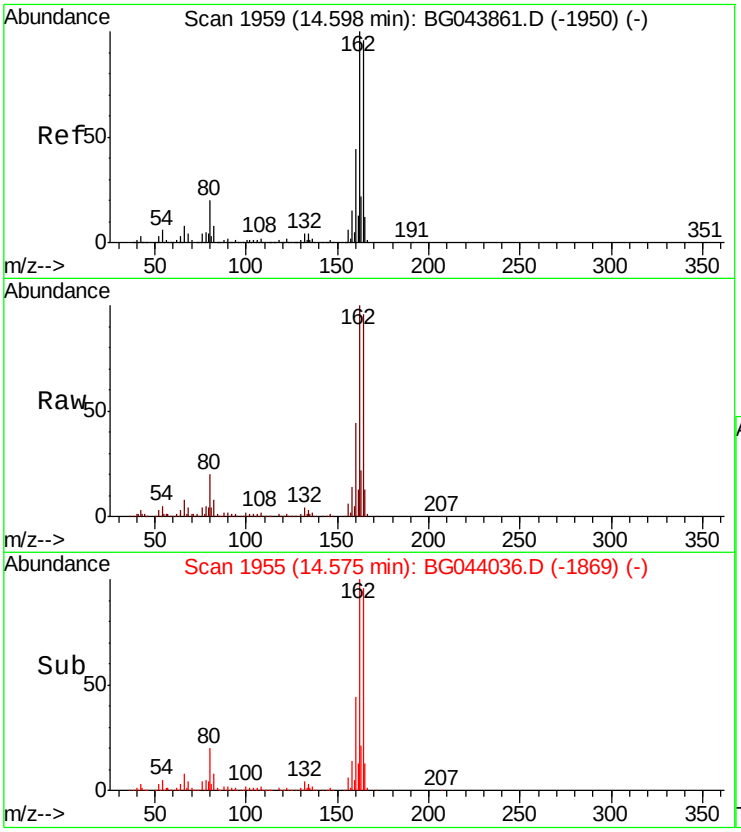


#23
Nitrobenzene-d5
Concen: 59.958 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion: 82 Resp: 553198

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	48.8	40.1	60.1

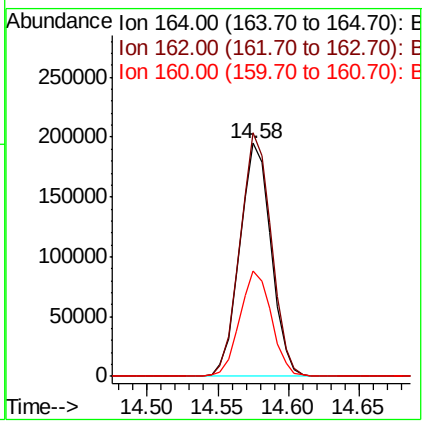




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:164 Resp: 303034

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	45.4	36.1	54.1



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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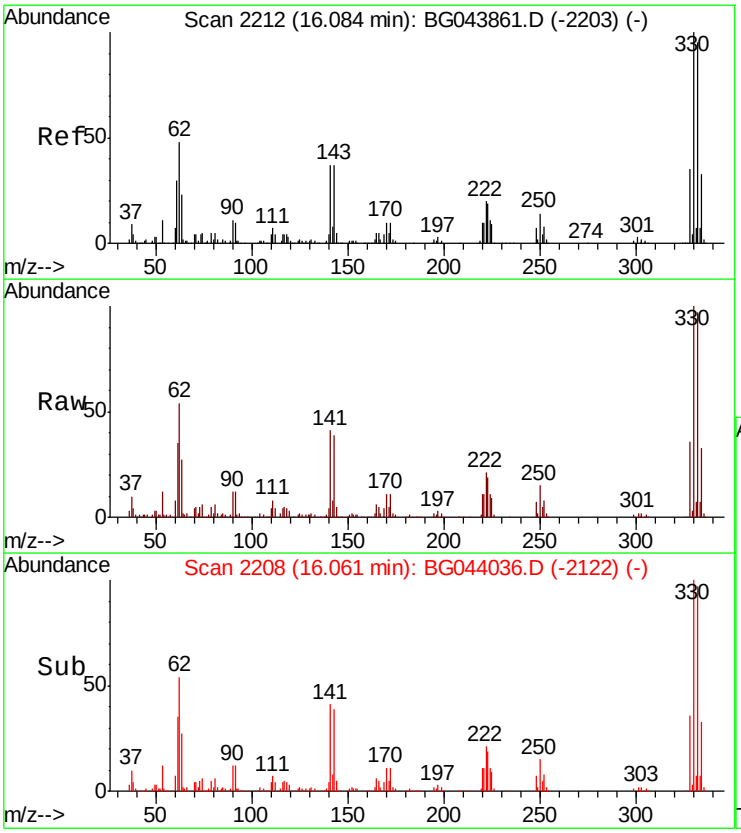
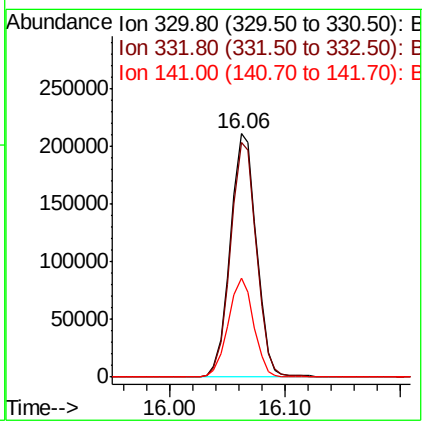
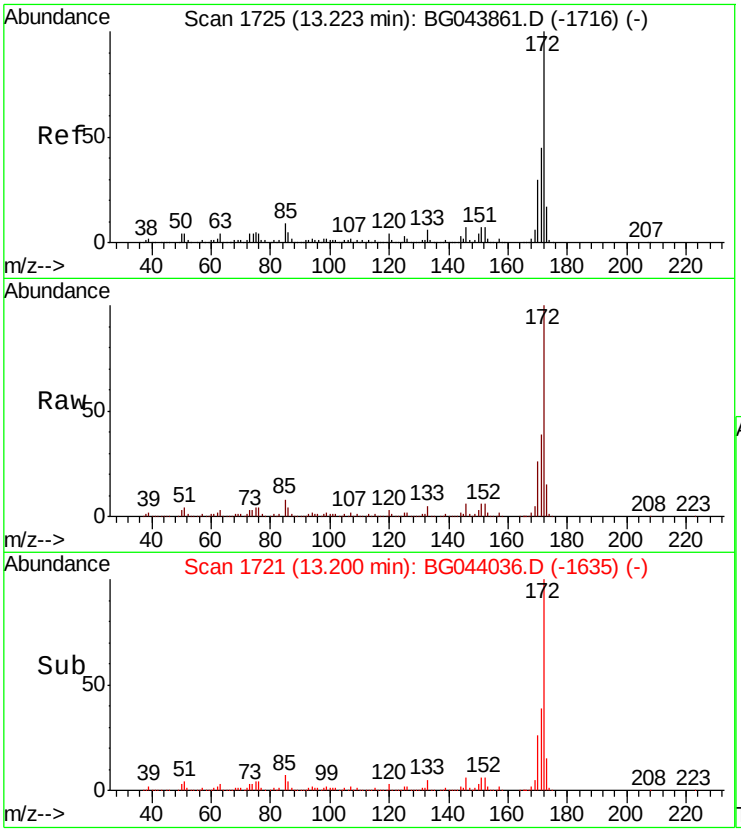


#42
2,4,6-Tribromophenol
Concen: 104.549 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:330 Resp: 331544

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	39.8	33.1	49.7

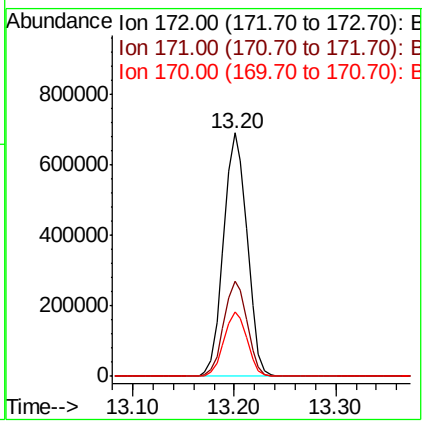




#45
2-Fluorobiphenyl
Concen: 66.731 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:172 Resp: 1116140

Ion	Ratio	Lower	Upper
172	100		
171	39.2	35.8	53.8
170	26.4	24.2	36.4



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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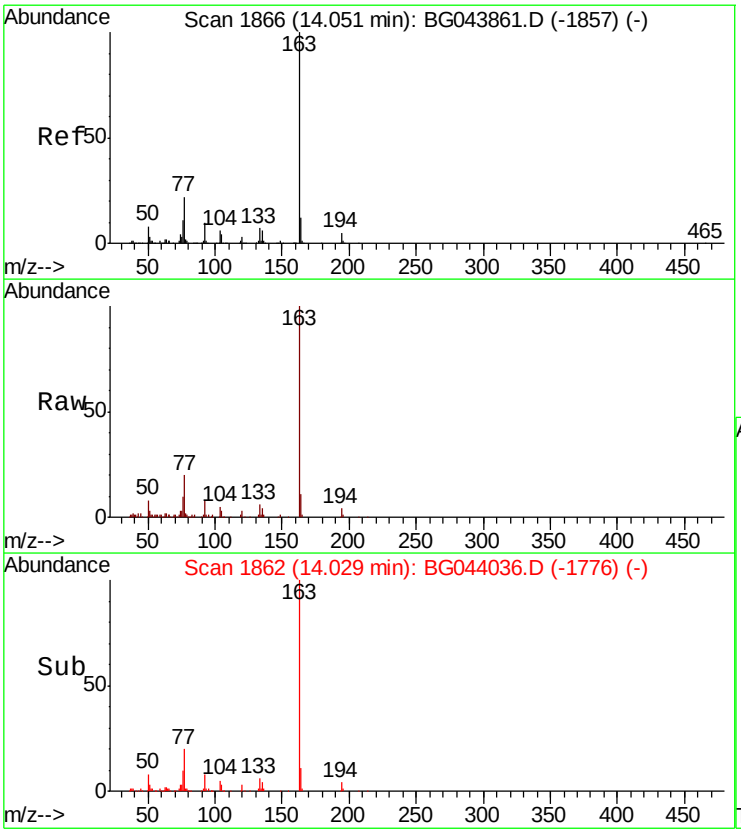
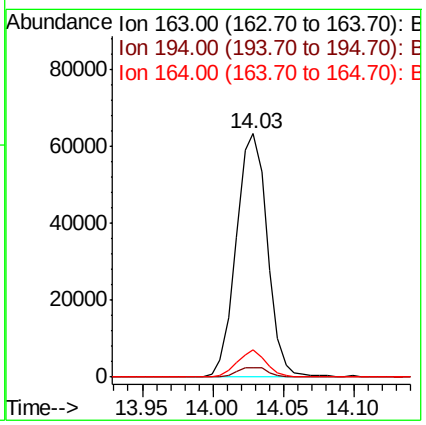
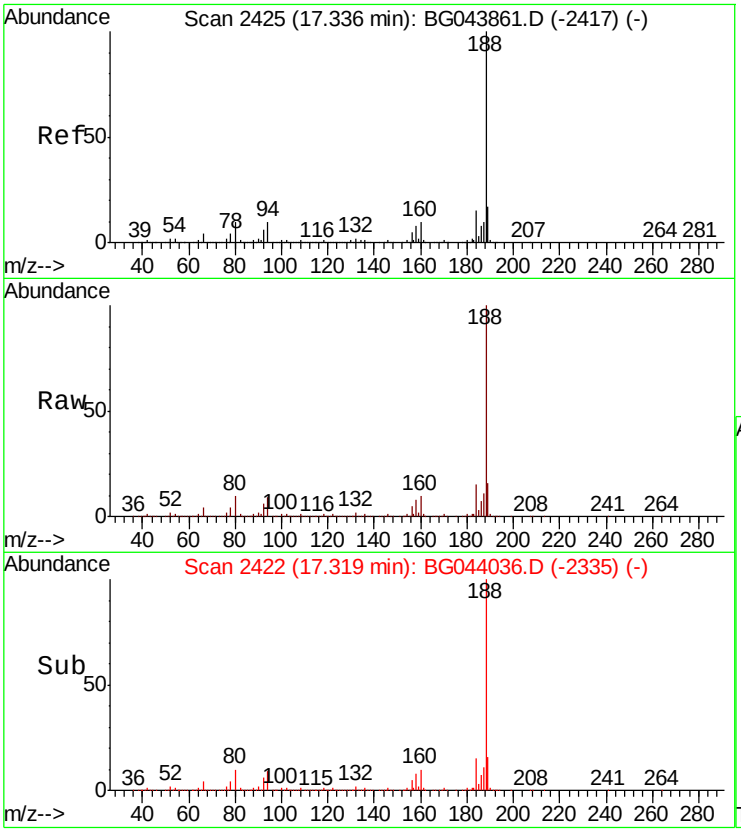


#50
Dimethylphthalate
Concen: 4.541 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:163 Resp: 97704

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	11.4	9.3	13.9

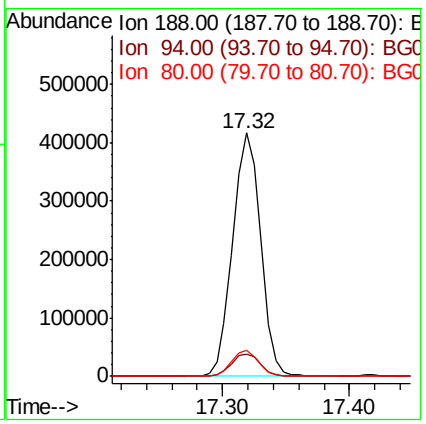




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:188 Resp: 636132

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.5	8.2	12.4



Instrument :
BNA_G
ClientSampleId :
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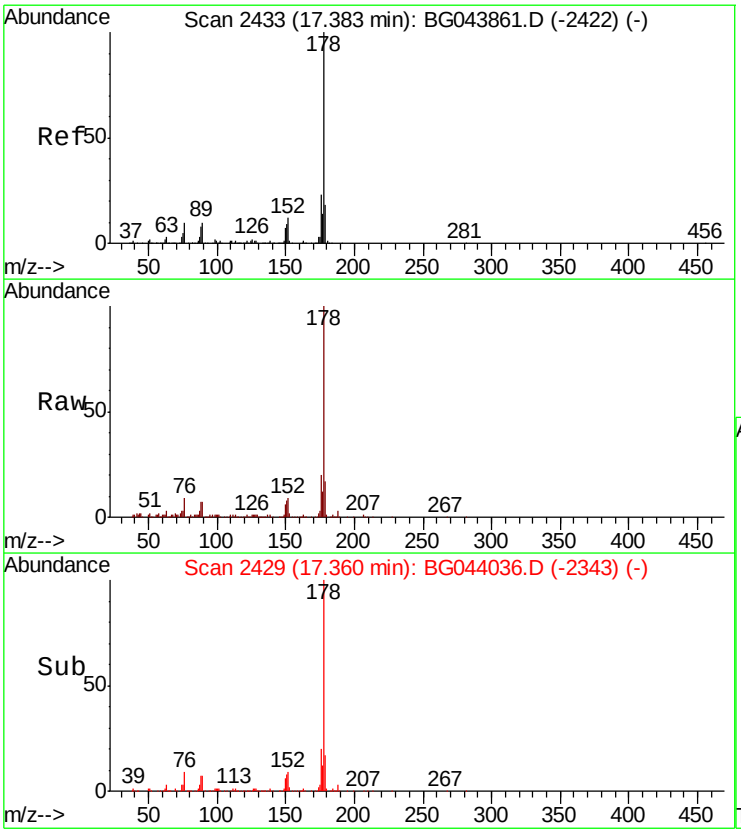
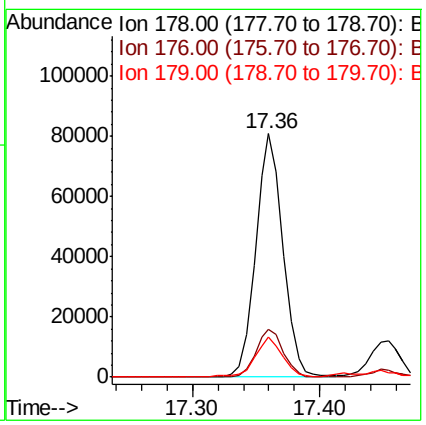
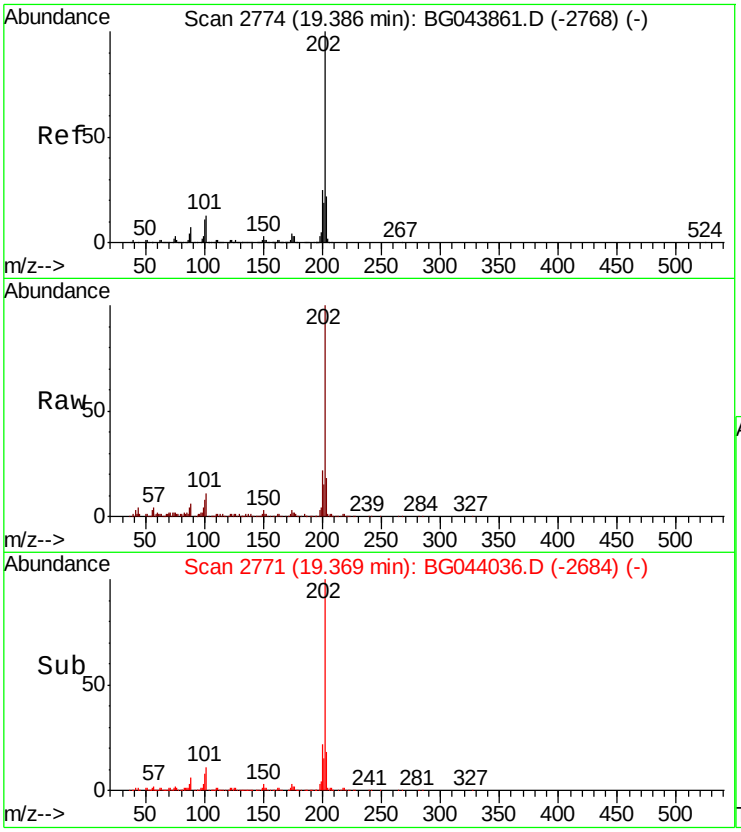


#71
Phenanthrene
Concen: 3.947 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:178 Resp: 120432

Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.6	28.0
179	16.7	14.4	21.6

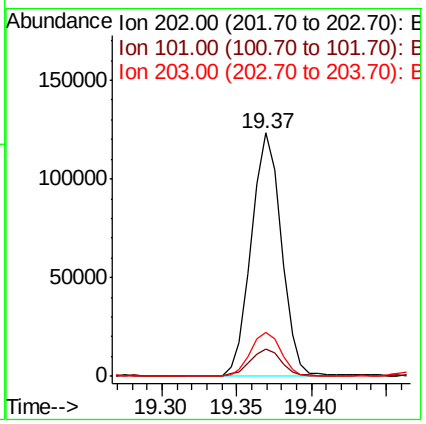




#75
Fluoranthene
Concen: 4.916 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:202 Resp: 171536

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.3
203	17.9	1.6	41.6



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

Manual Integrations APPROVED
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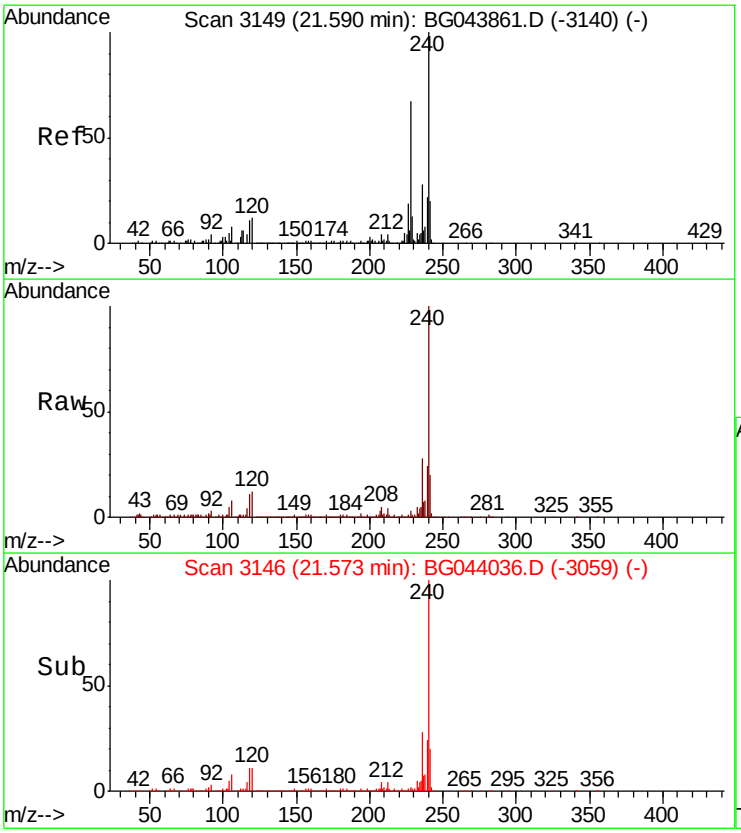
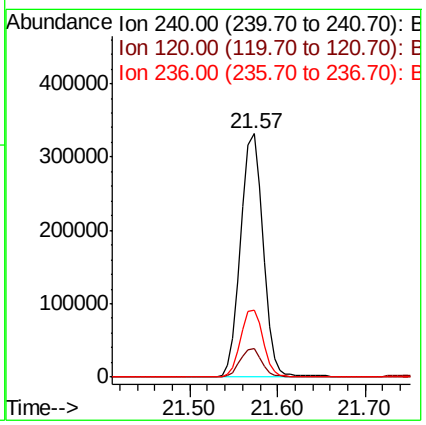
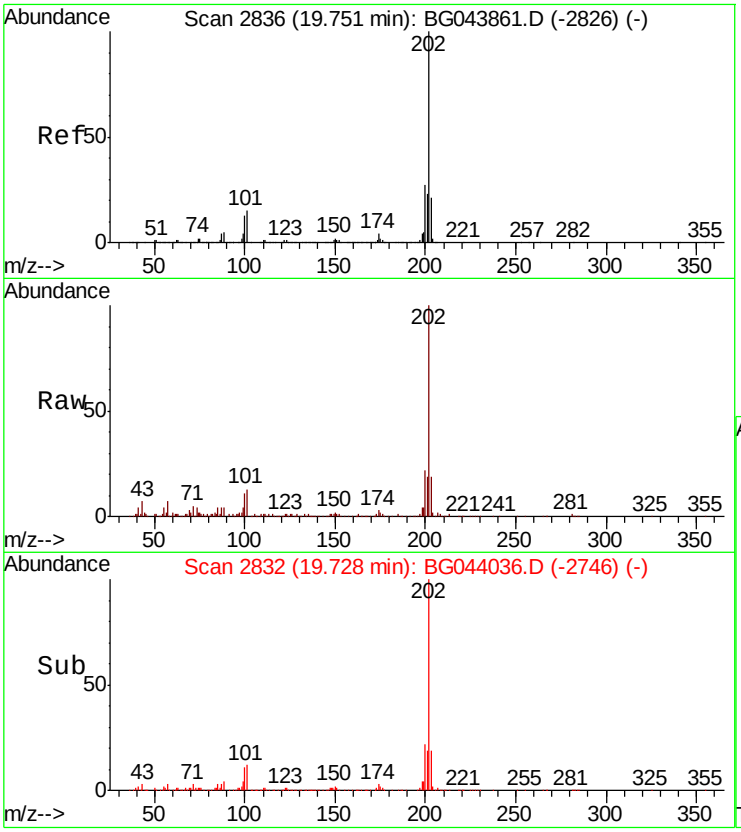


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:240 Resp: 573338

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	27.6	22.2	33.2

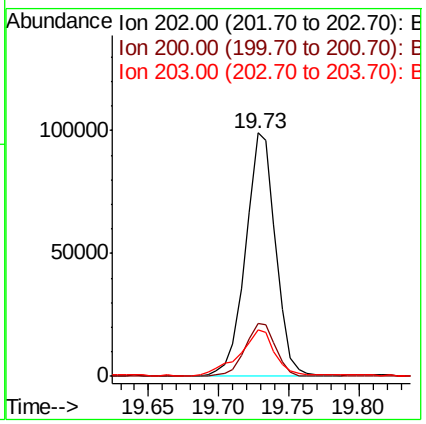




#78
Pyrene
Concen: 3.981 ng m
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:202 Resp: 148970

Ion	Ratio	Lower	Upper
202	100		
200	21.6	21.7	32.5#
203	18.9	17.0	25.6



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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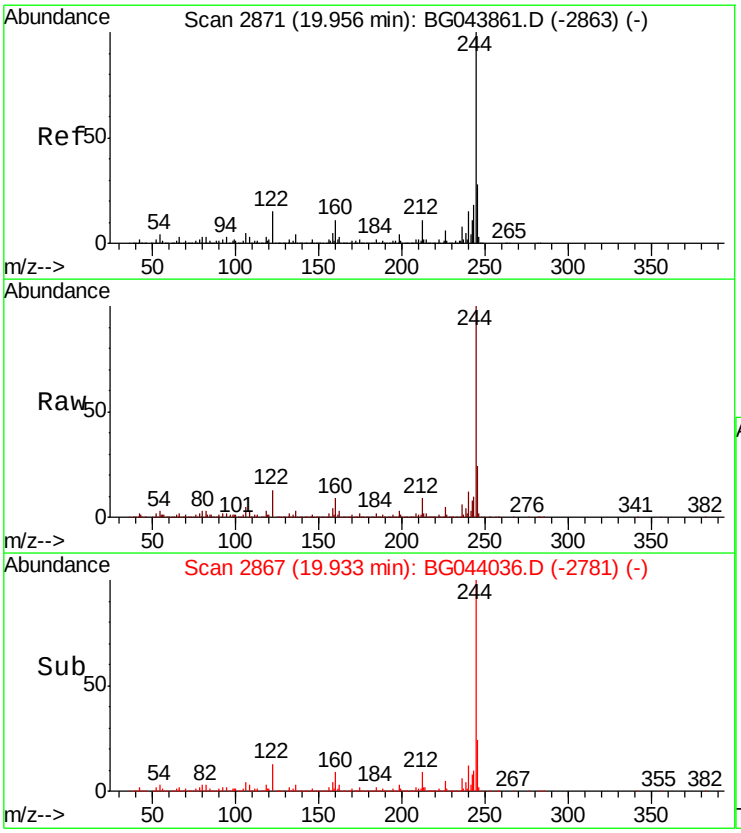
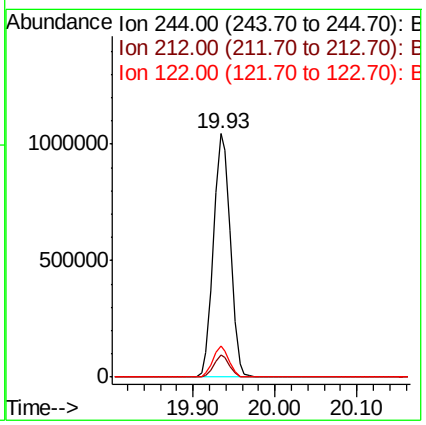
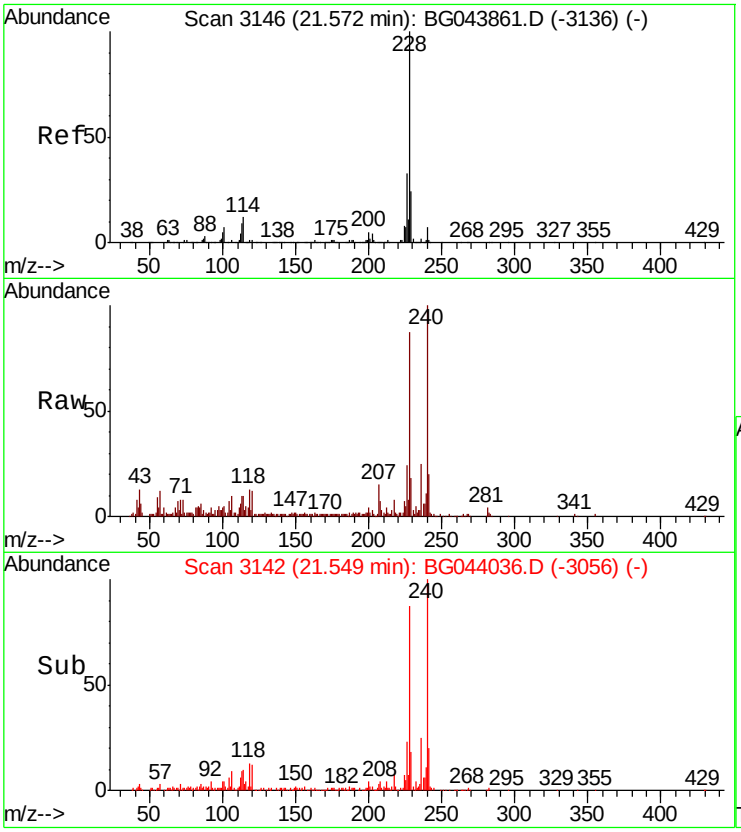


#79
Terphenyl-d14
Concen: 57.650 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:244 Resp: 1508410

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.6	13.0
122	13.0	11.9	17.9

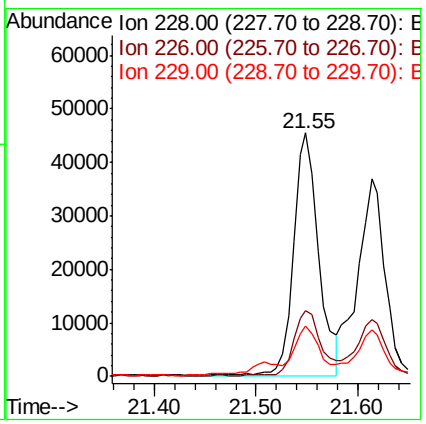




#81
Benzo(a)anthracene
Concen: 2.230 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:228 Resp: 79269

Ion	Ratio	Lower	Upper
228	100		
226	27.1	26.2	39.4
229	20.5	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
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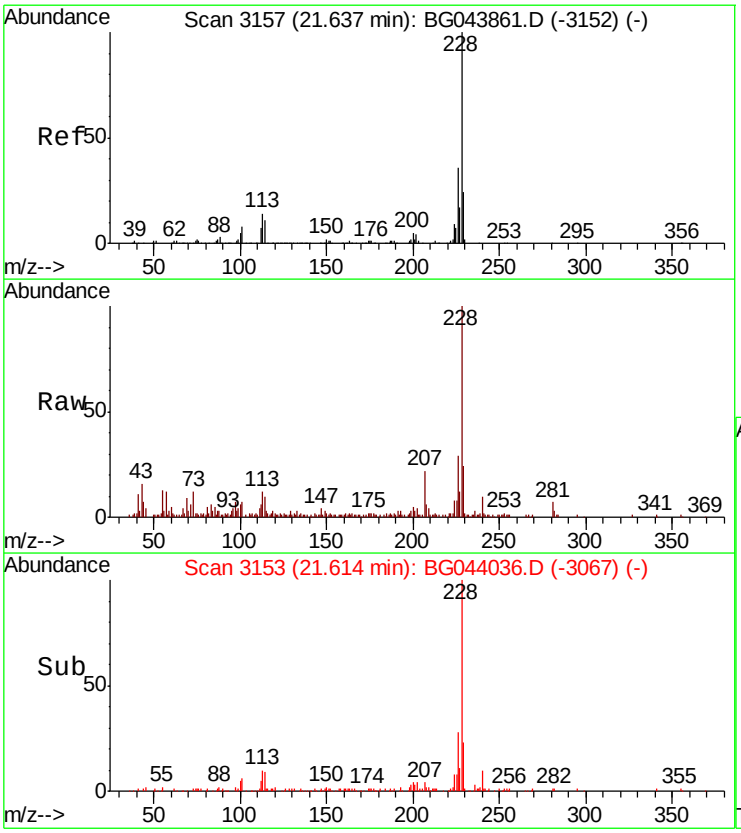
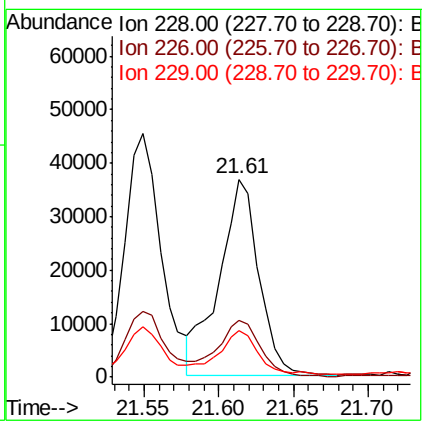
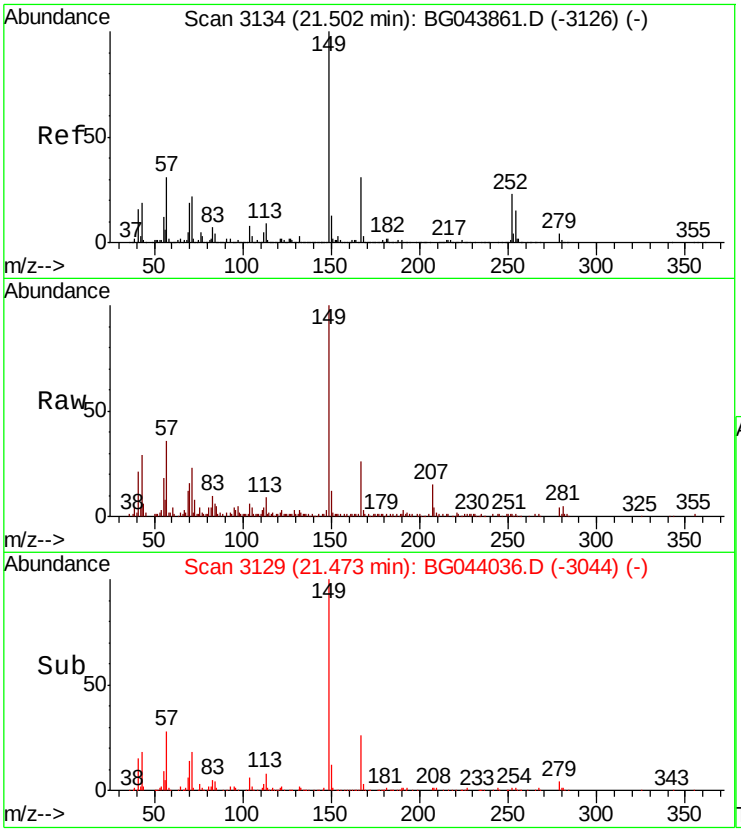


#83
Chrysene
Concen: 2.019 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:228 Resp: 68193

Ion	Ratio	Lower	Upper
228	100		
226	28.5	28.8	43.2#
229	23.7	19.0	28.6

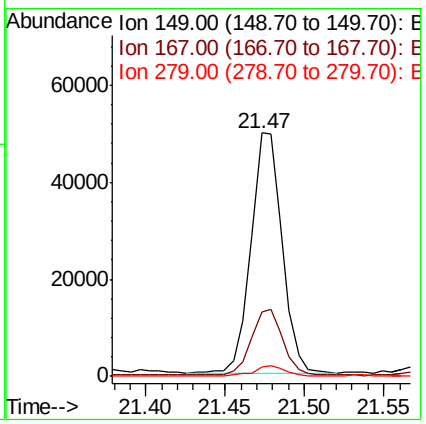




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.755 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:149 Resp: 67722

Ion	Ratio	Lower	Upper
149	100		
167	26.4	24.7	37.1
279	4.0	3.3	4.9



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

Manual Integrations APPROVED
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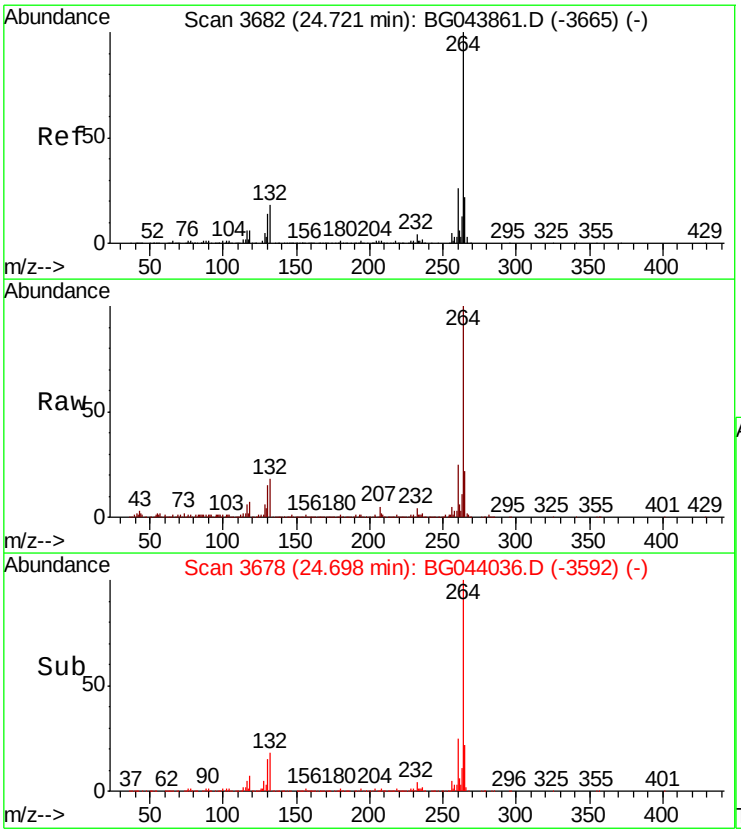
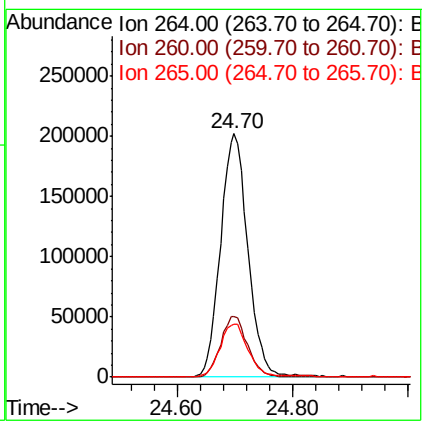
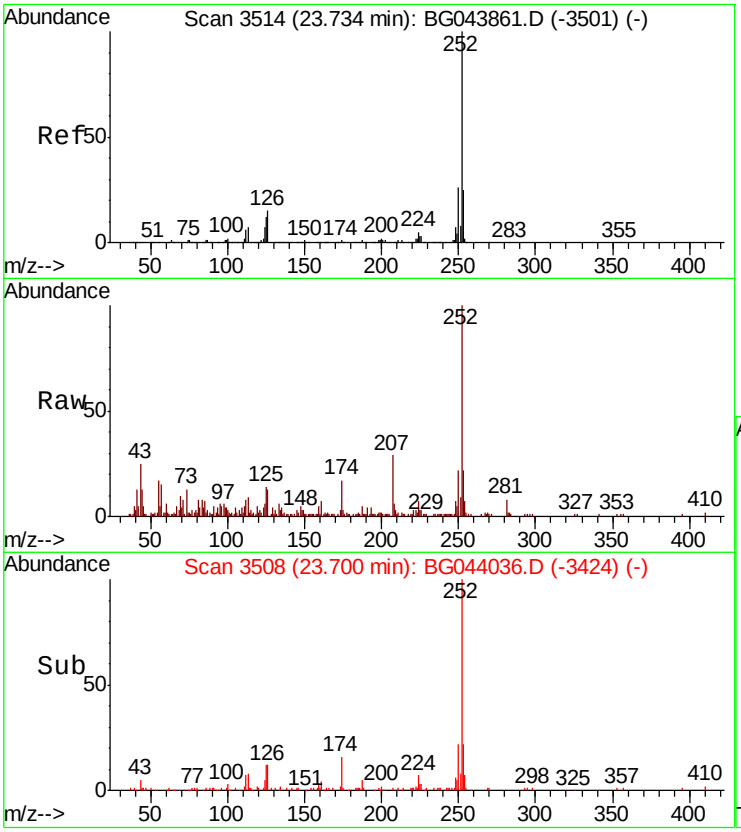


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:264 Resp: 663001

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.6	17.4	26.2

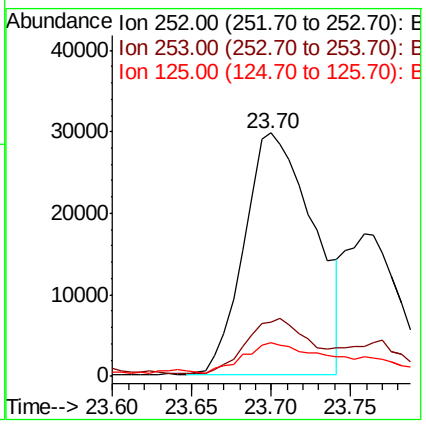




#88
Benzo(b)fluoranthene
Concen: 2.307 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG044036.D
Acq: 14 Jan 2020 14:49

Tgt Ion:252 Resp: 90404

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.7	29.5
125	13.8	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-01-A

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