Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021208.D
Acq On : 2 Mar 2016 7:00
Operator : UM/SJ
Sample : H1557-02RE 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
Sohil
3/2/2016 9:52:32 AM

Quant Time: Mar 02 07:48:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	16947	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	81391	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	44494	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	94236	20.00	ng		0.00
75) Chrysene-d12	21.77	240	105455	20.00	ng		0.00
86) Perylene-d12	25.05	264	81750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	7021	6.59	ng		0.00
7) Phenol-d6	7.30	99	11608	6.62	ng		0.00
23) Nitrobenzene-d5	9.31	82	8629	4.49	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	2715	5.86	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	15063	4.81	ng		0.00
78) Terphenyl-d14	20.08	244	21029	4.83	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	17.54	178	121956m	23.98	ng		
71) Anthracene	17.63	178	36912m	7.09	ng		
74) Fluoranthene	19.54	202	492969	82.51	ng		98
77) Pyrene	19.90	202	493209	78.40	ng		96
80) Benzo(a)anthracene	21.74	228	232840	37.29	ng		97
82) Chrysene	21.82	228	223255	37.73	ng		97
87) Benzo(b)fluoranthene	24.01	252	210228	40.88	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	92859m	18.03	ng		
89) Benzo(a)pyrene	24.90	252	101782	20.47	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021208.D
Acq On : 2 Mar 2016 7:00
Operator : UM/SJ
Sample : H1557-02RE 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 02 07:48:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
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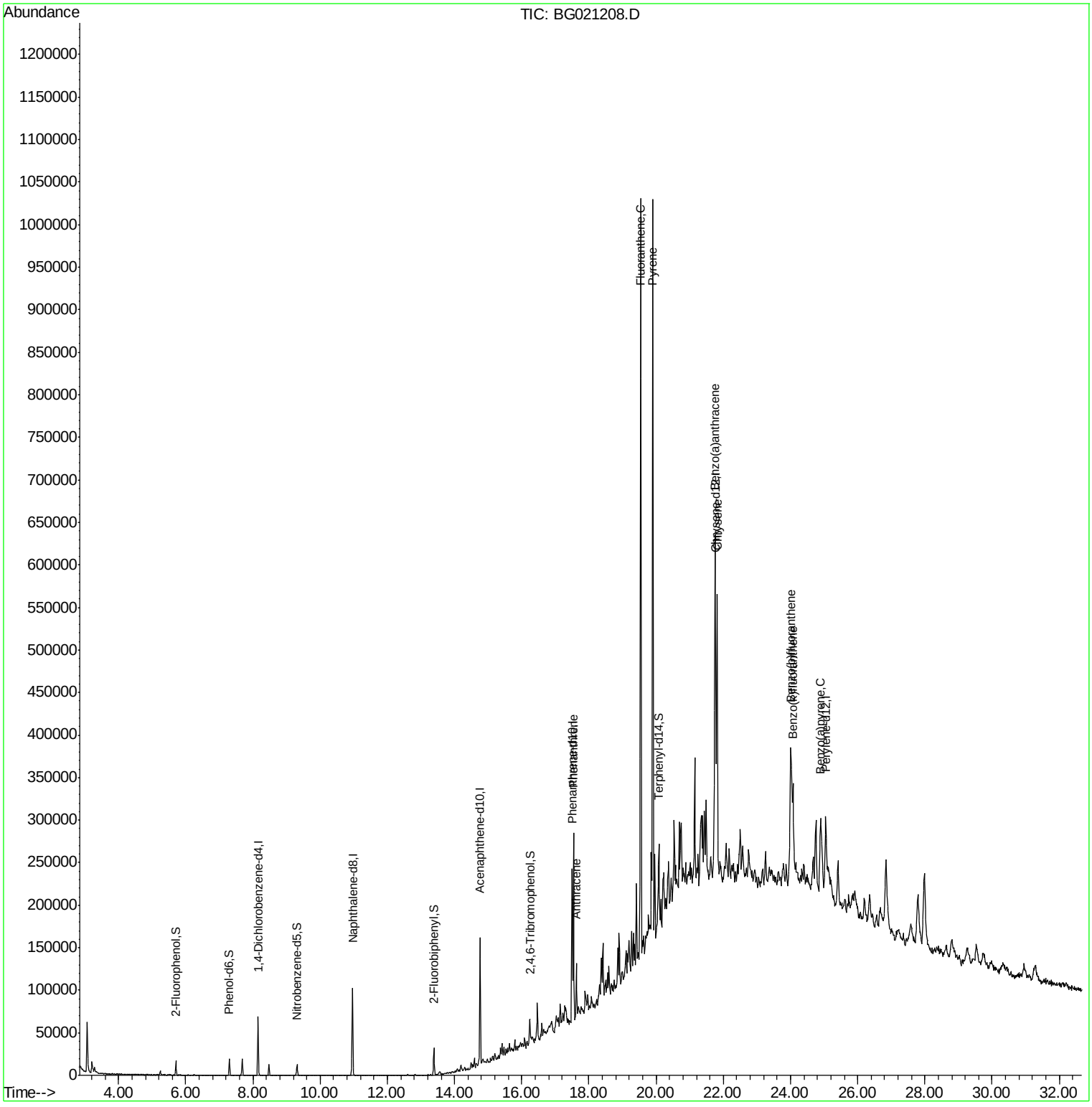
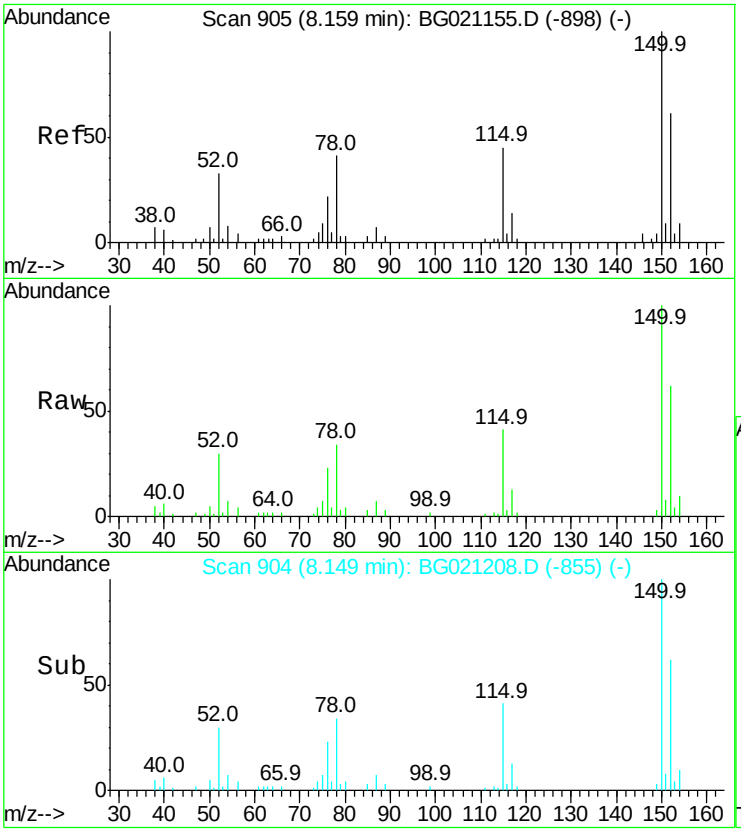
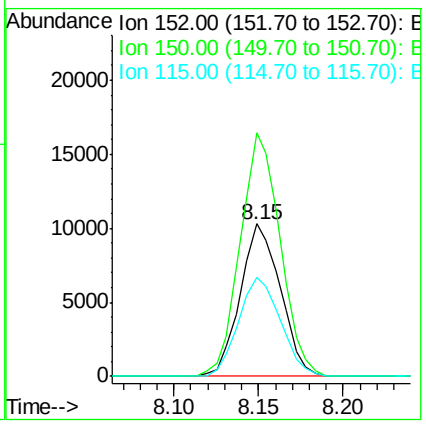




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:152 Resp: 16947

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.4	185.2
115	65.0	43.3	64.9#



Instrument :
BNA_G
ClientSampleId :
P-10RE

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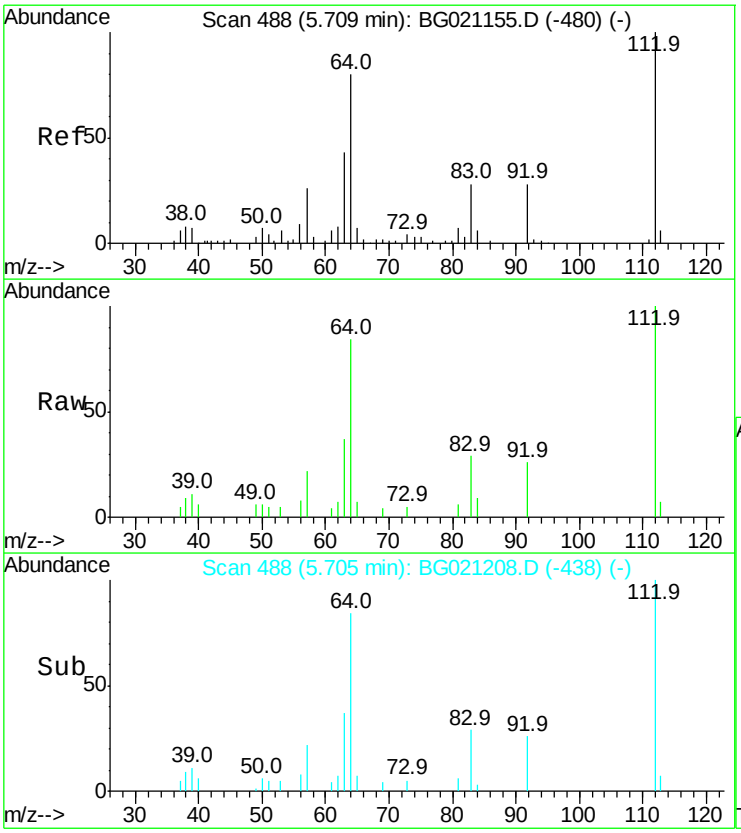
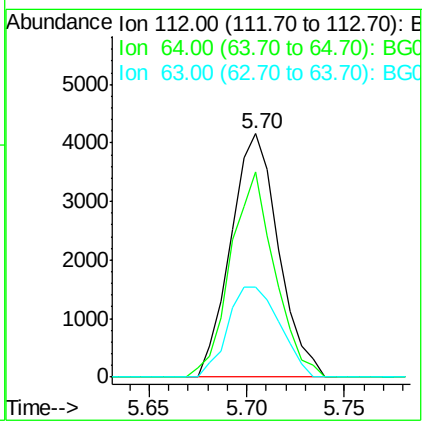
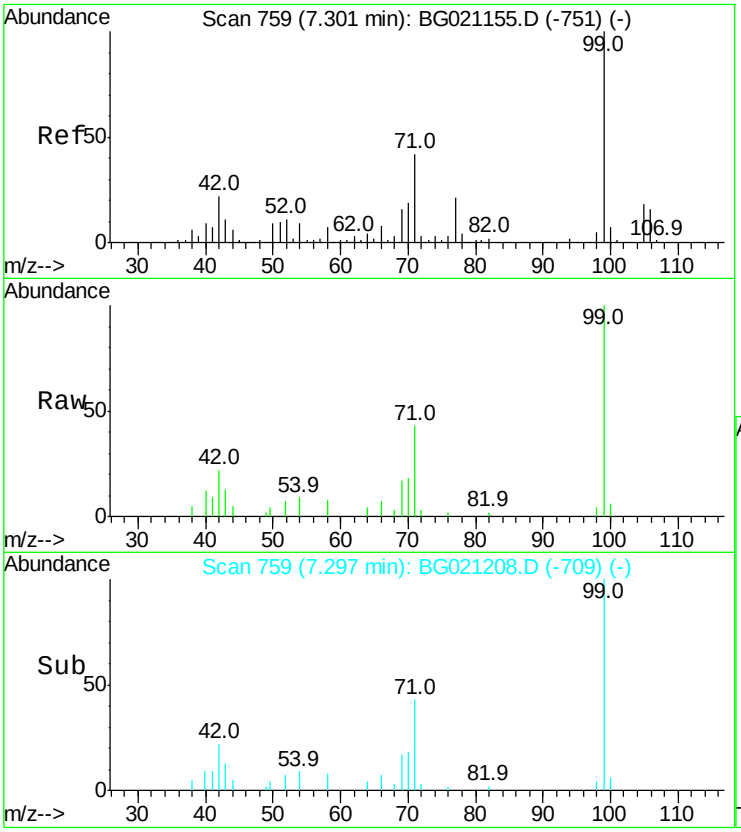


#5
2-Fluorophenol
Concen: 6.59 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:112 Resp: 7021

Ion	Ratio	Lower	Upper
112	100		
64	84.2	42.6	63.8#
63	36.8	21.7	32.5#





#7
Phenol-d6
Concen: 6.62 ng
RT: 7.30 min Scan# 759
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion: 99 Resp: 11608

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.2	19.8#
71	42.7	25.2	37.8#

Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
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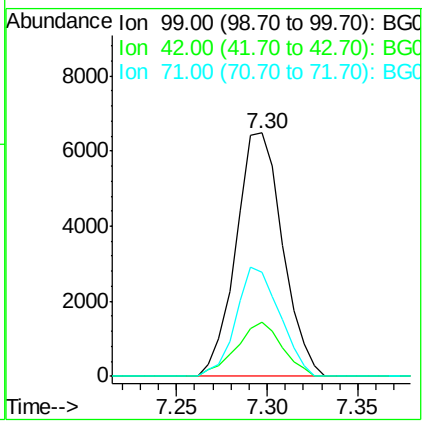
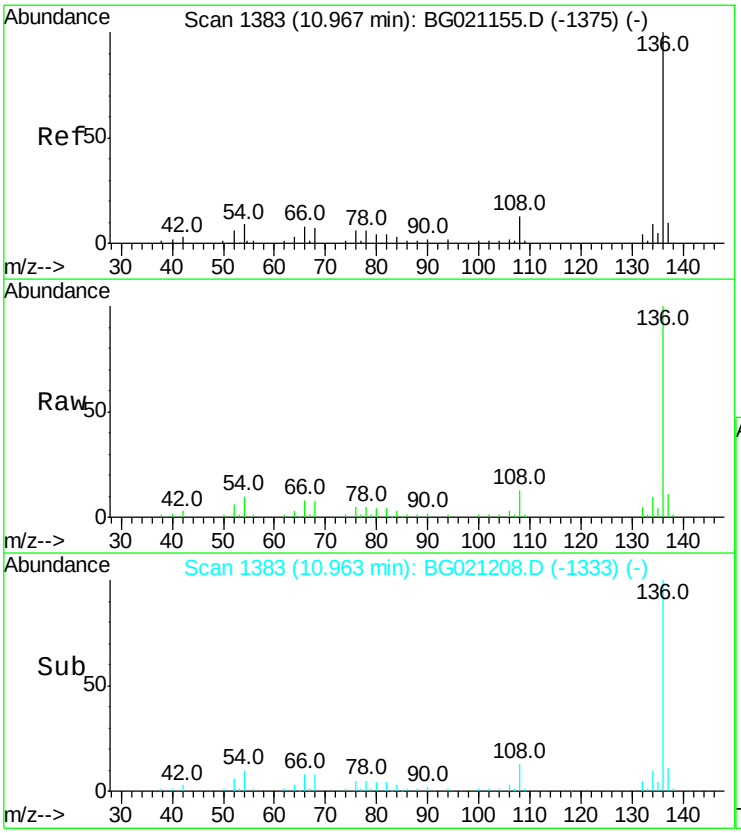
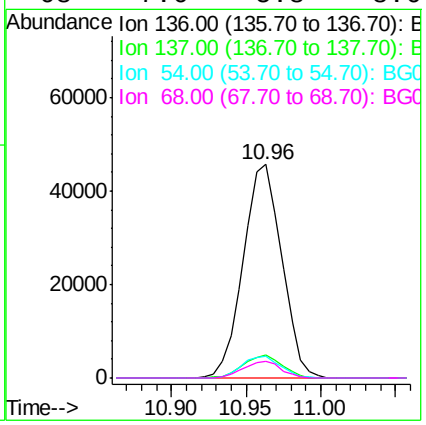


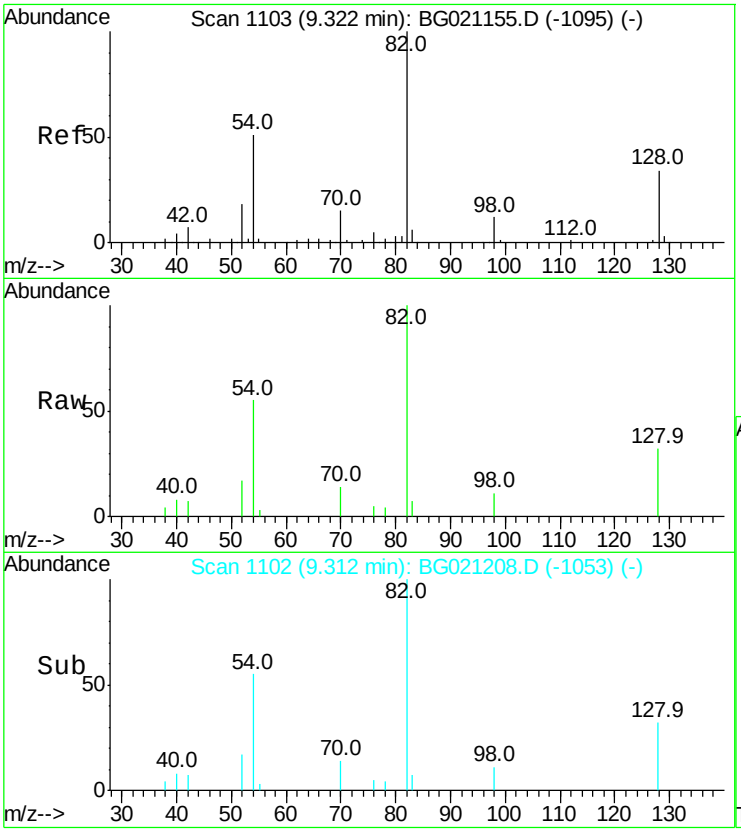


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:136 Resp: 81391

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.9	6.9	10.3
68	7.6	5.8	8.6

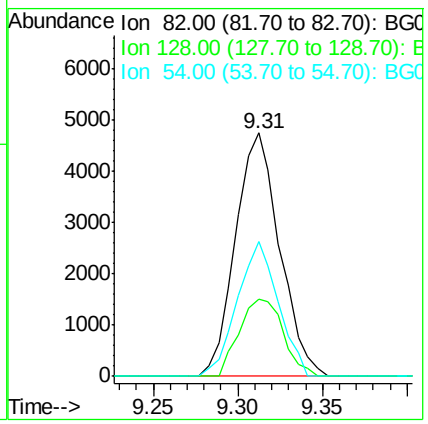




#23
Nitrobenzene-d5
Concen: 4.49 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion: 82 Resp: 8629

Ion	Ratio	Lower	Upper
82	100		
128	31.8	36.3	54.5#
54	55.1	37.6	56.4



Instrument :
BNA_G
ClientSampleId :
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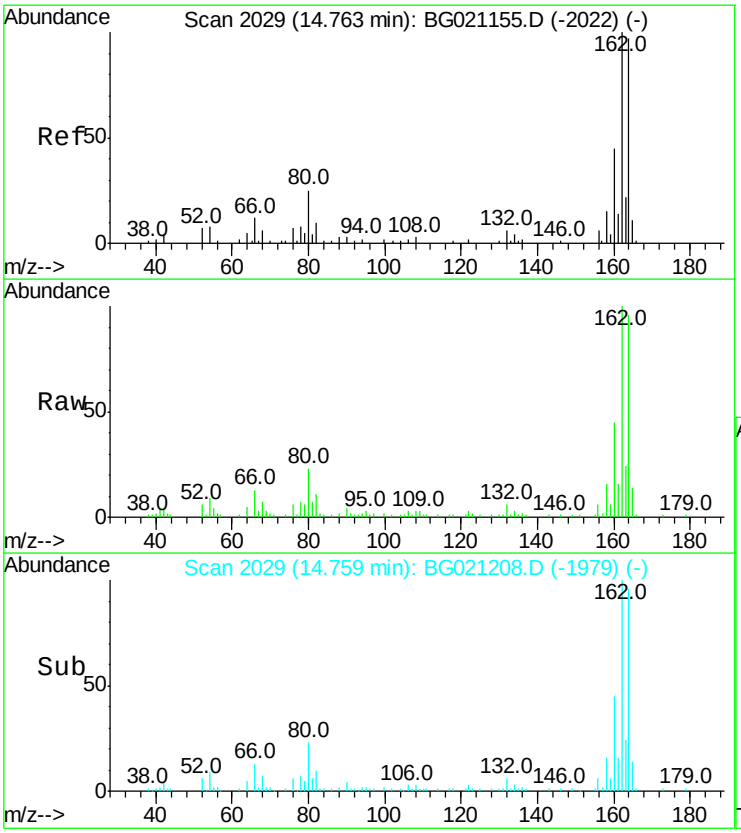
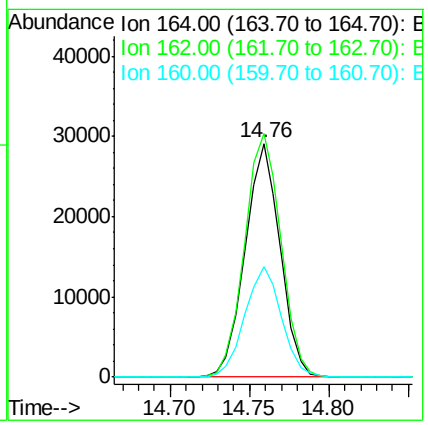
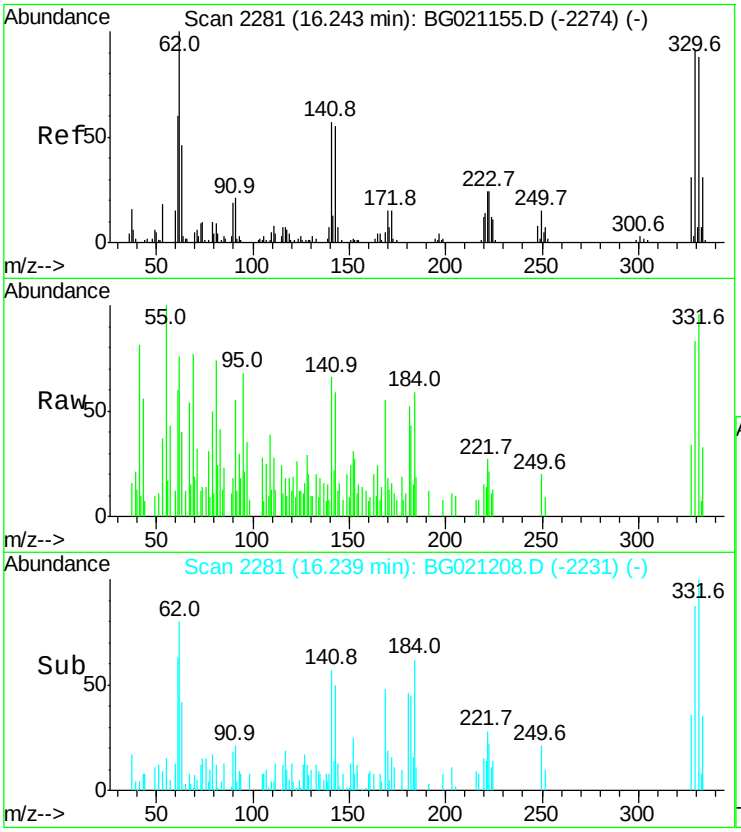


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:164 Resp: 44494

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.6	120.8
160	47.0	36.5	54.7

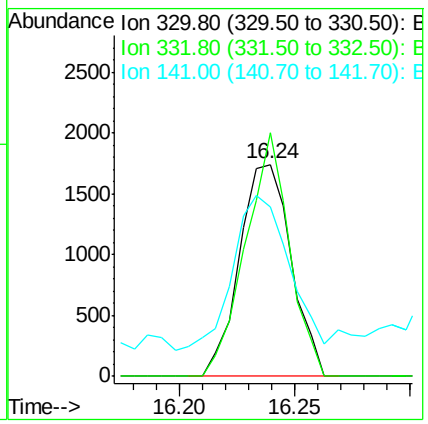




#41
2,4,6-Tribromophenol
Concen: 5.86 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:330 Resp: 2715

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	83.3	35.3	52.9#



Instrument :
BNA_G
ClientSampleId :
P-10RE

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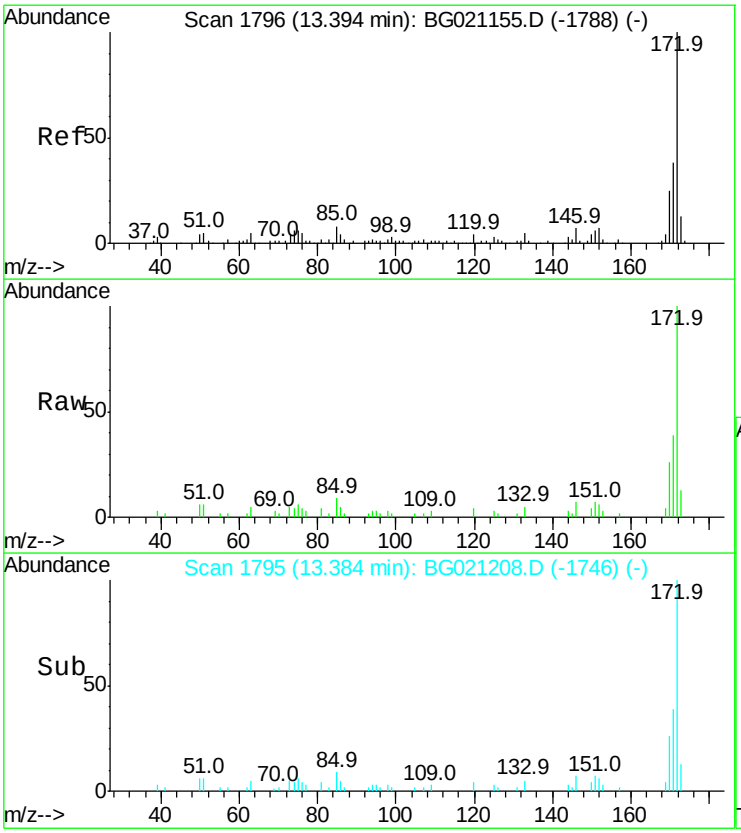
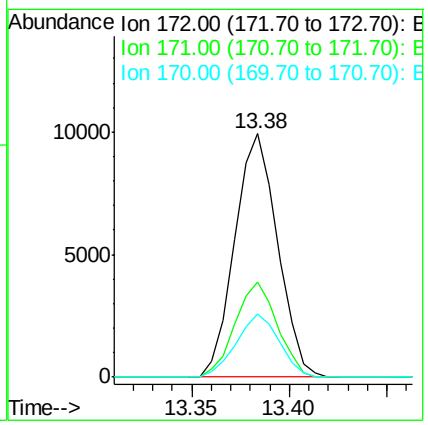
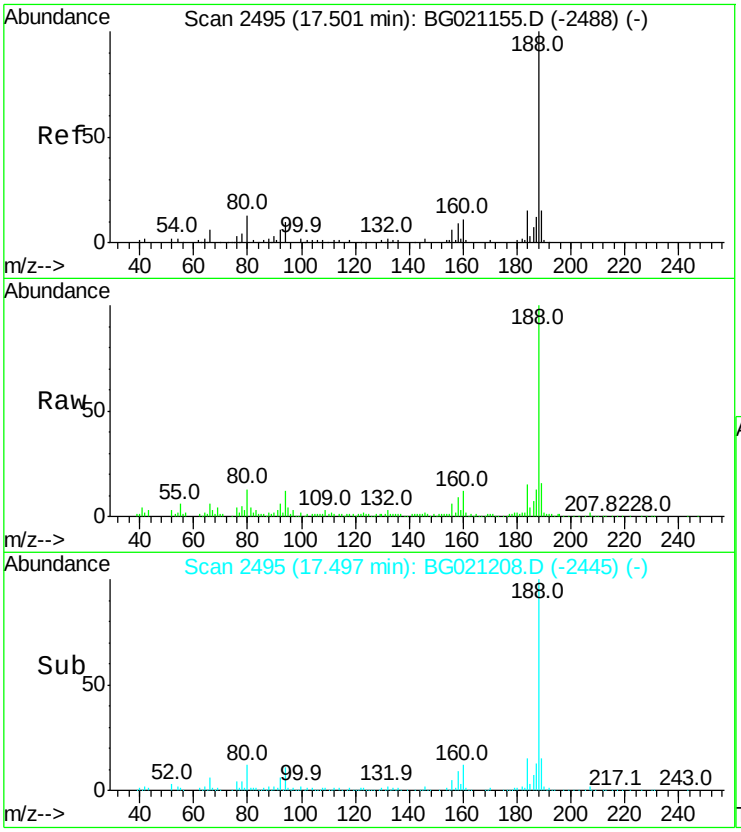


#44
2-Fluorobiphenyl
Concen: 4.81 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:172 Resp: 15063

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.4	44.0
170	26.0	19.8	29.8

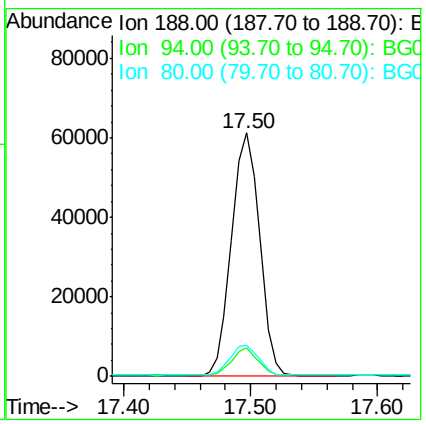




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:188 Resp: 94236

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.2	12.4
80	13.0	9.2	13.8



Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
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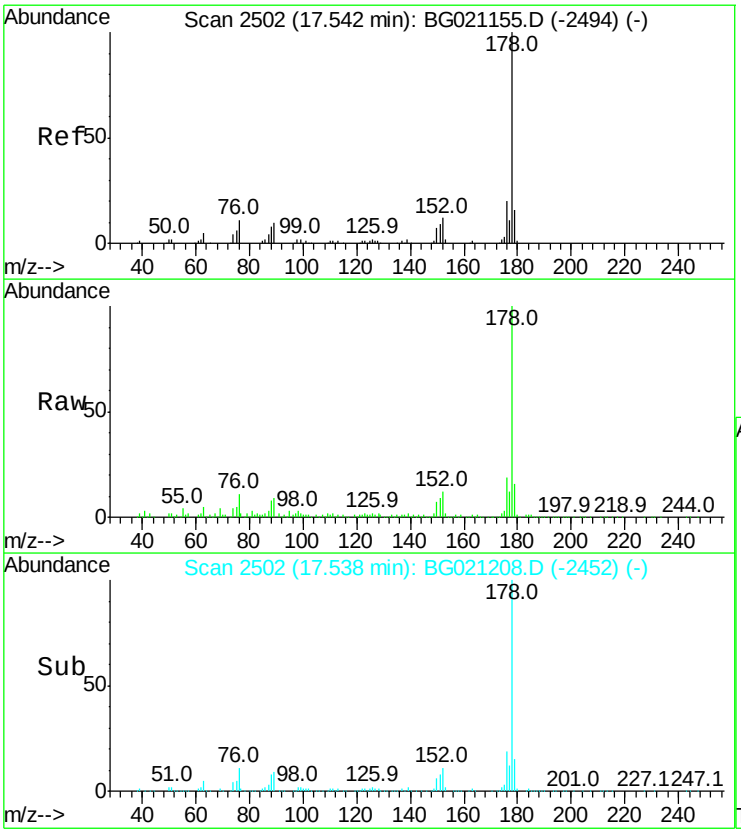
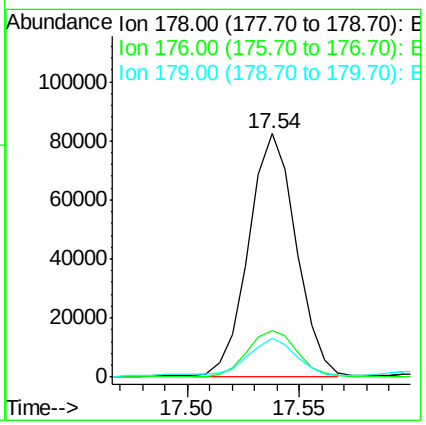
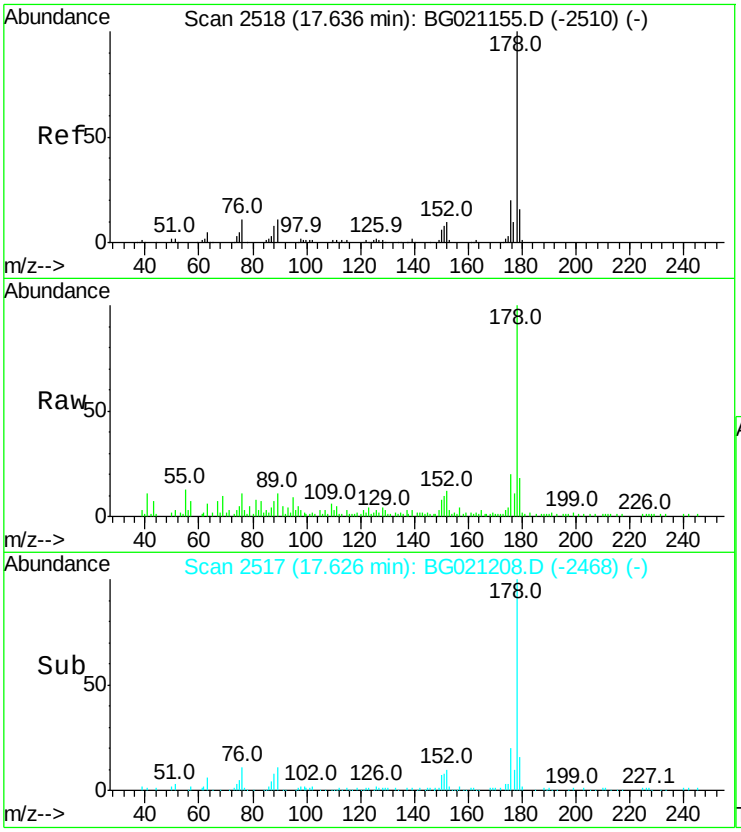


#70
Phenanthrene
Concen: 23.98 ng m
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:178 Resp: 121956

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.9	12.9	19.3





#71
Anthracene
Concen: 7.09 ng m
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:178 Resp: 36912

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.8	22.2
179	17.7	12.6	19.0

Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
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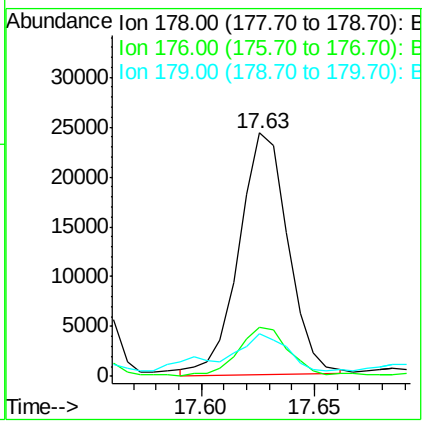
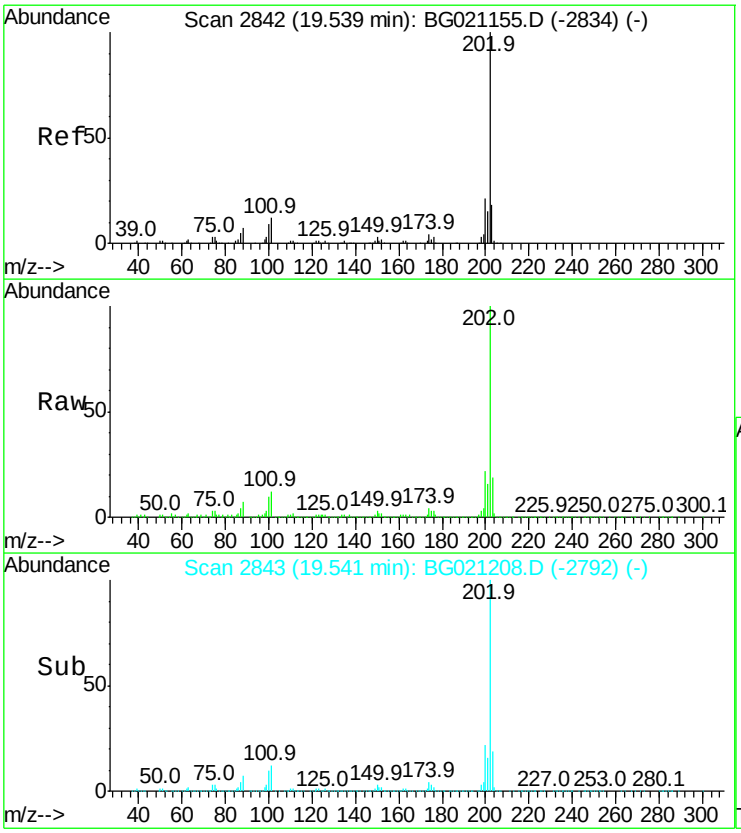
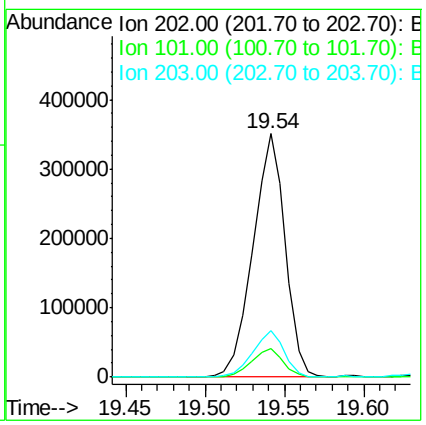


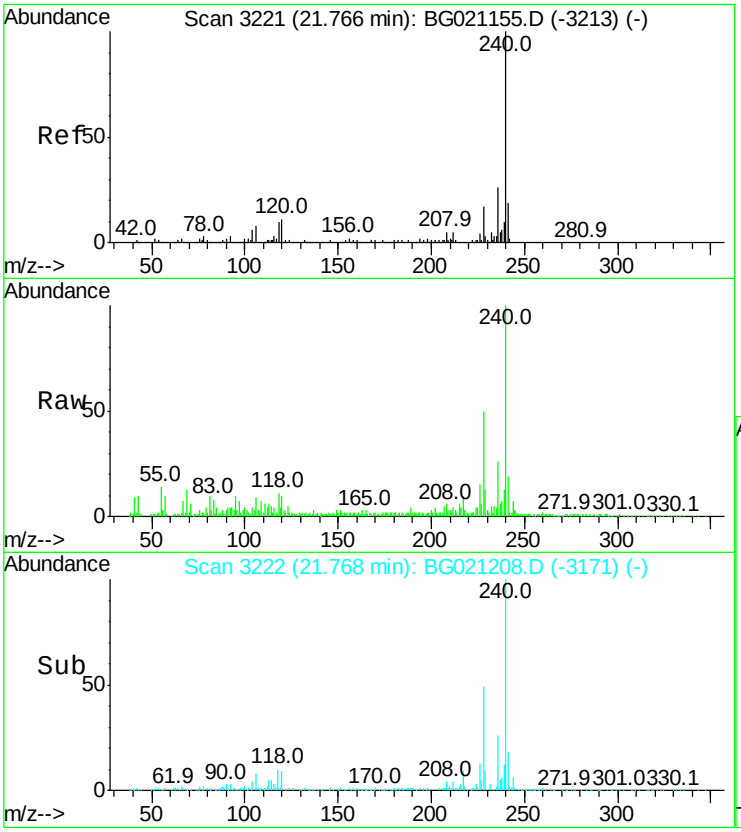


#74
Fluoranthene
Concen: 82.51 ng
RT: 19.54 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:202 Resp: 492969

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.5
203	18.8	0.0	37.6

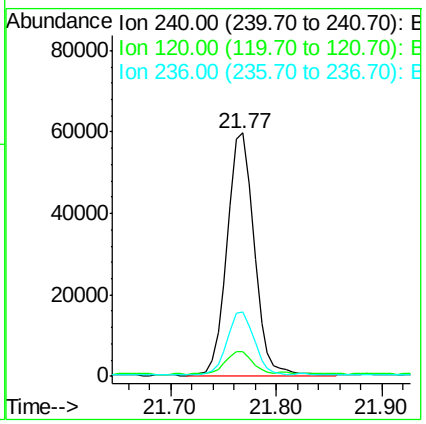




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:240 Resp: 105455

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	26.5	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
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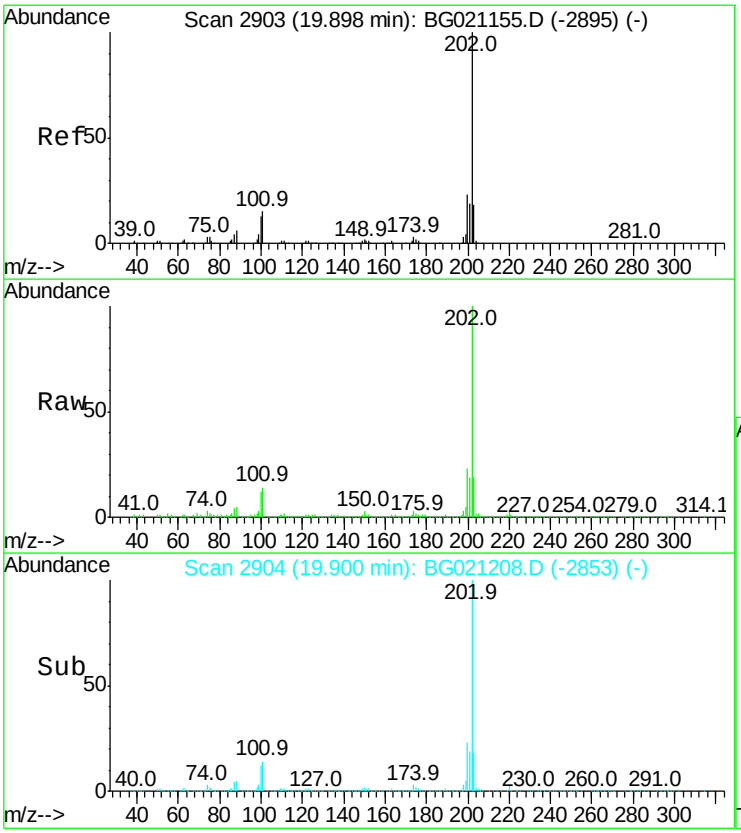
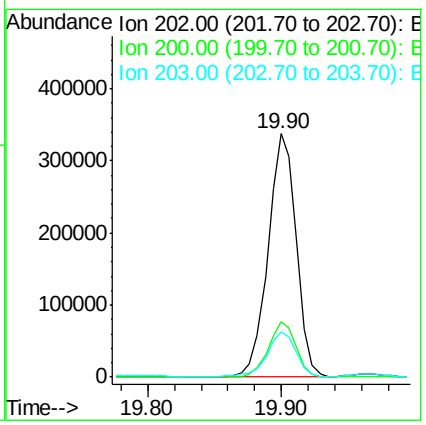
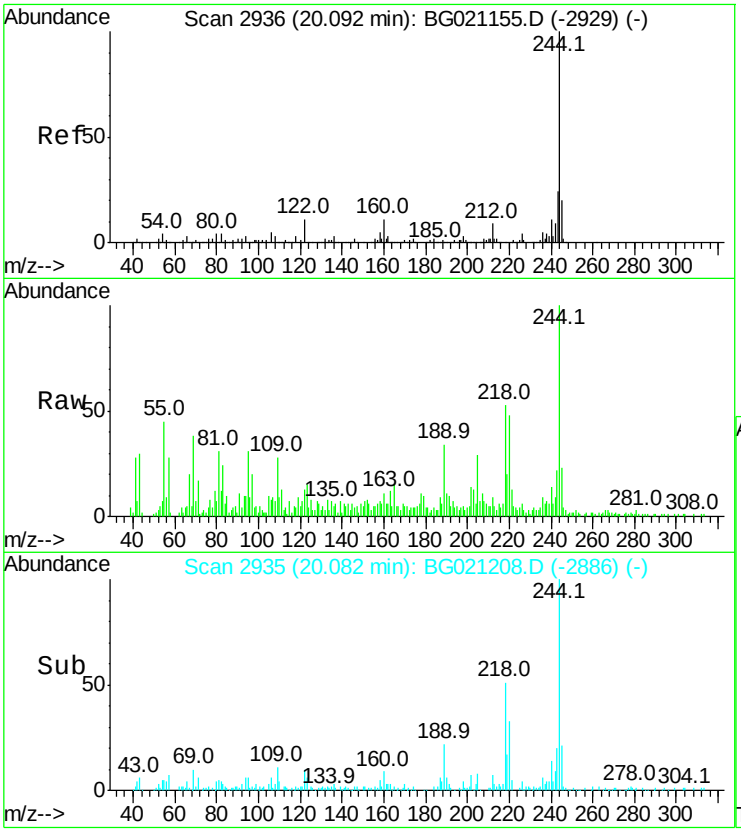


#77
Pyrene
Concen: 78.40 ng
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:202 Resp: 493209

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.6	25.0
203	18.8	13.8	20.8





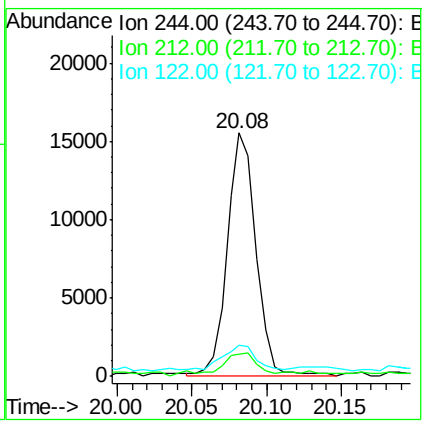
#78
Terphenyl-d14
Concen: 4.83 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

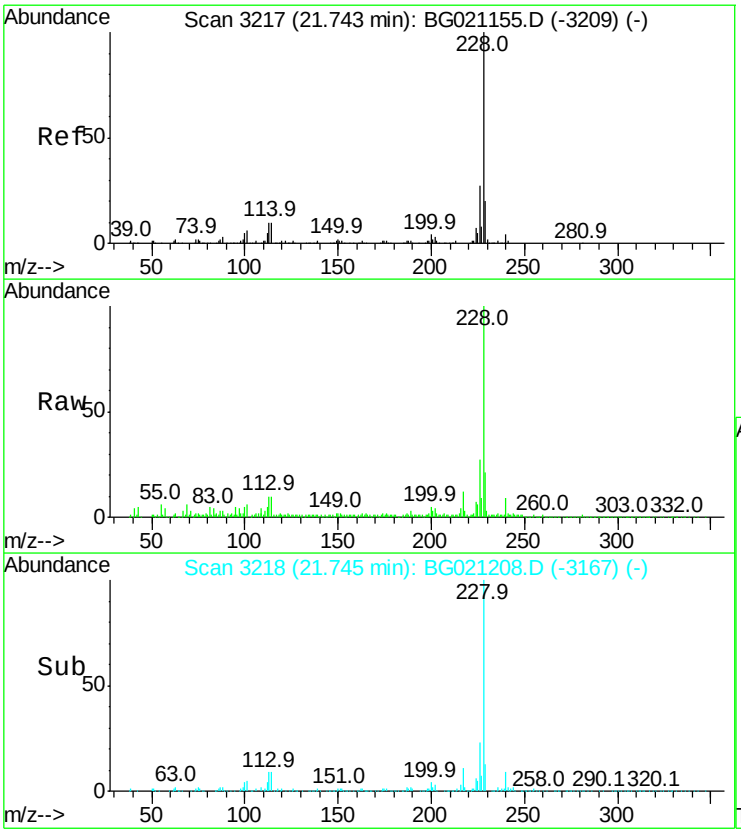
Tgt Ion:244 Resp: 21029

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.6#
122	13.0	8.3	12.5#

Instrument :
BNA_G
ClientSampleId :
P-10RE

Manual Integrations APPROVED
Sohil
3/2/2016 9:52:32 AM

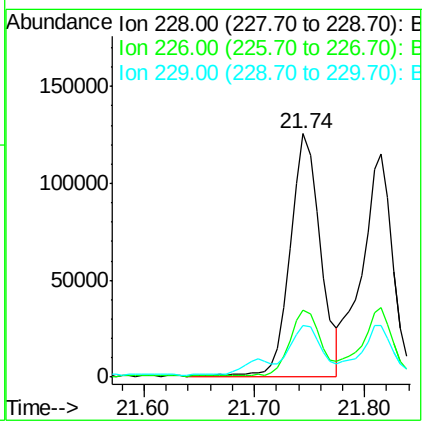


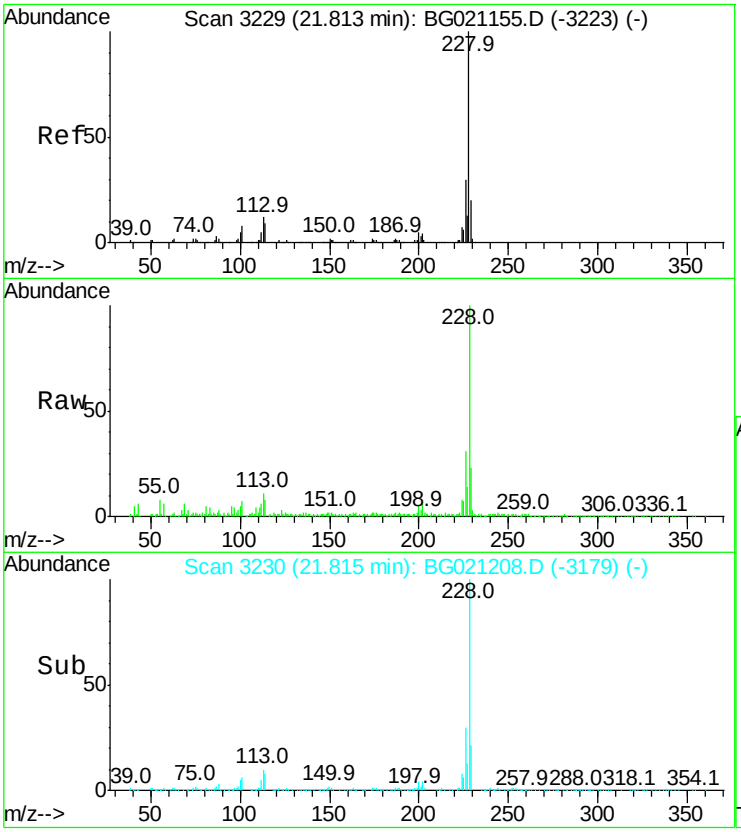


#80
Benzo(a)anthracene
Concen: 37.29 ng
RT: 21.74 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:228 Resp: 232840

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	21.3	15.5	23.3

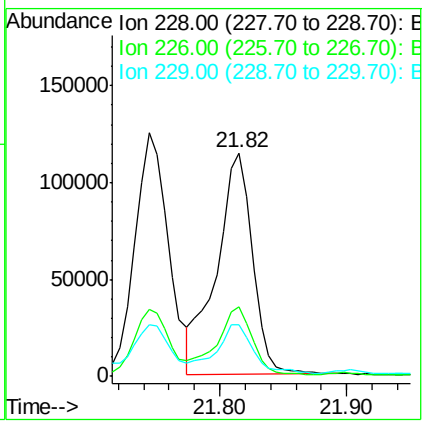




#82
Chrysene
Concen: 37.73 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:228 Resp: 223255

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	23.1	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
P-10RE

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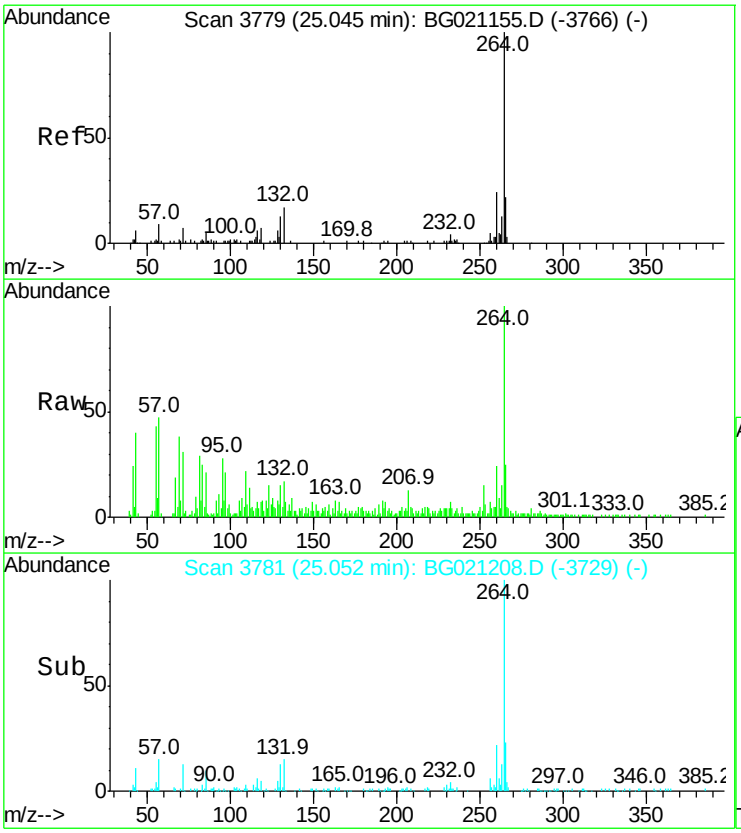
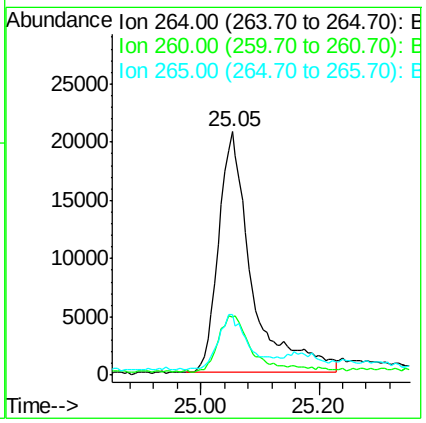
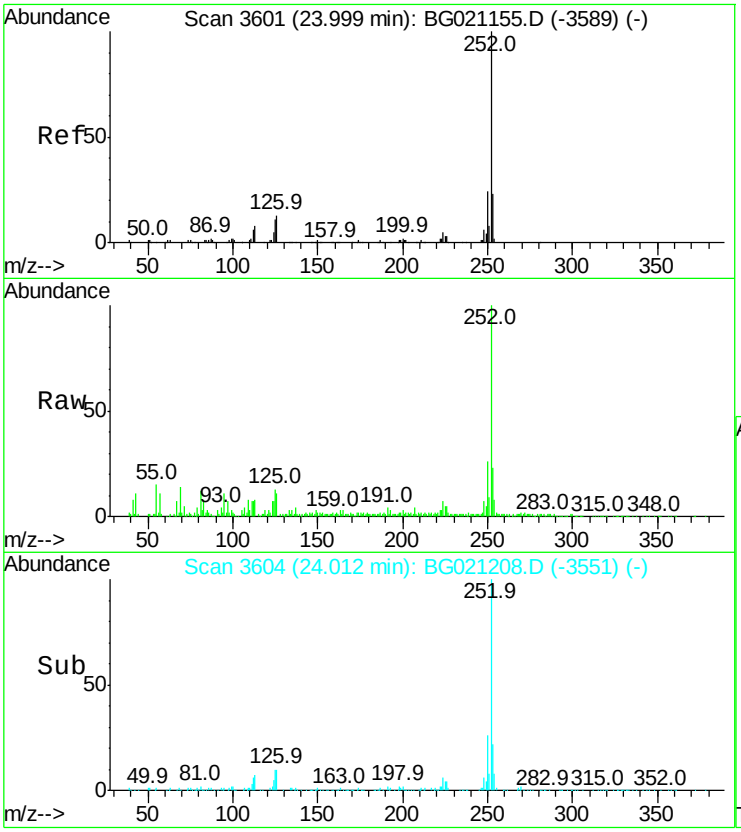


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:264 Resp: 81750

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	25.1	18.6	28.0





#87
Benzo(b)fluoranthene
Concen: 40.88 ng
RT: 24.01 min Scan# 3604
Delta R.T. 0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:252 Resp: 210228

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	12.6	8.2	12.2#

Instrument :
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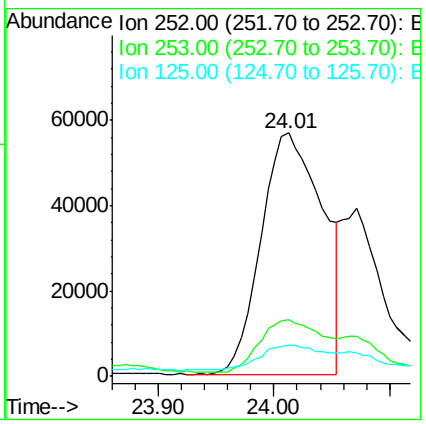
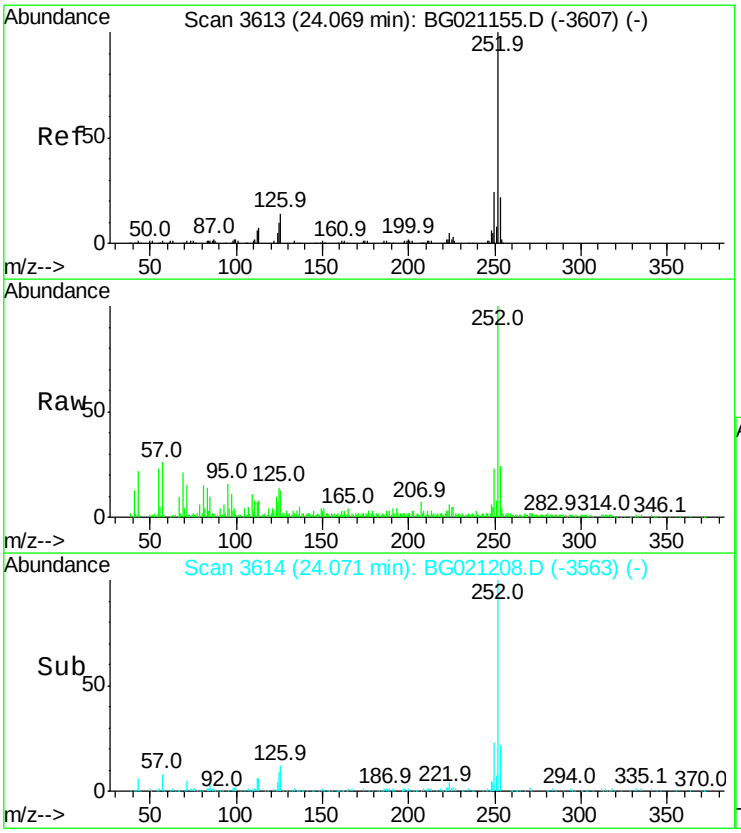
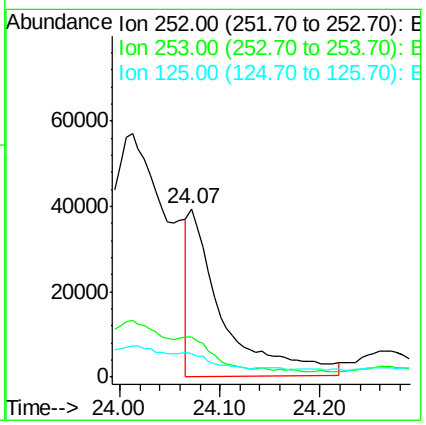


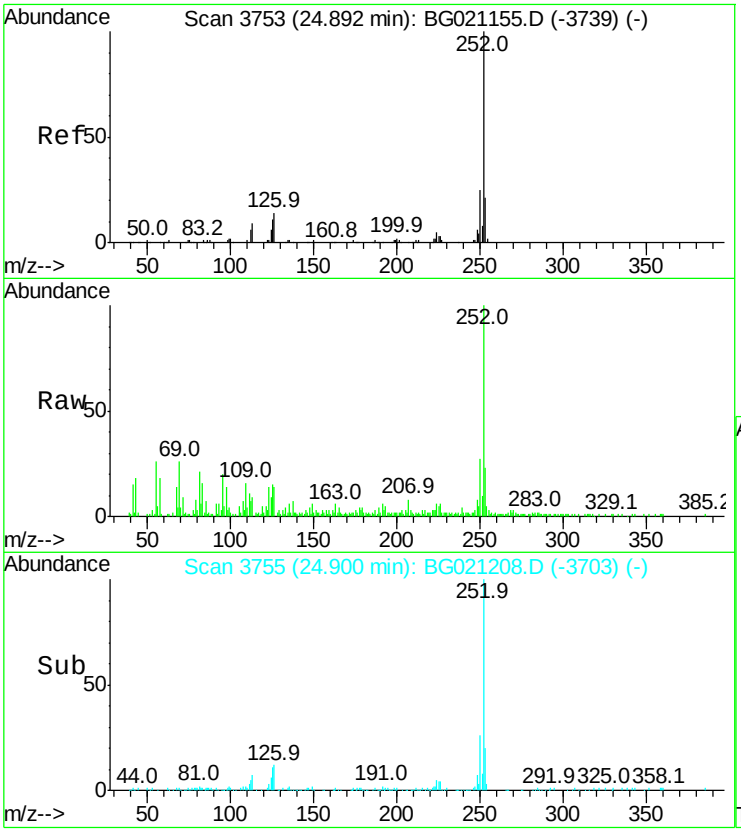


#88
Benzo(k)fluoranthene
Concen: 18.03 ng m
RT: 24.07 min Scan# 3614
Delta R.T. 0.00 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:252 Resp: 92859

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.4	24.6
125	13.7	8.2	12.2#

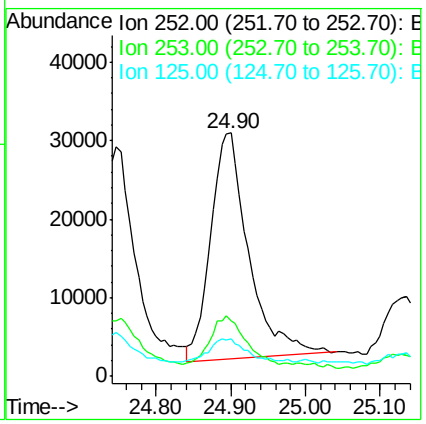




#89
Benzo(a)pyrene
Concen: 20.47 ng
RT: 24.90 min Scan# 3755
Delta R.T. 0.01 min
Lab File: BG021208.D
Acq: 2 Mar 2016 7:00

Tgt Ion:252 Resp: 101782

Ion	Ratio	Lower	Upper
252	100		
253	22.7	15.8	23.8
125	15.4	8.4	12.6#



Instrument :
BNA_G
ClientSampleId :
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