Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098317.D
Acq On : 7 Sep 2017 16:52
Operator : SJ/JU
Sample : I5093-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
Sohil
9/8/2017 5:45:15 PM

Quant Time: Sep 07 17:40:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	109228	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	425857	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	177329	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	297259	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	236023	20.00	ng		-0.02
86) Perylene-d12	15.25	264	189328	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	686399	95.59	ng		0.00
7) Phenol-d6	6.33	99	949696	97.34	ng		-0.02
23) Nitrobenzene-d5	7.26	82	581850	74.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	155257	100.91	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	840567	69.64	ng		-0.02
78) Terphenyl-d14	12.79	244	588726	52.02	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.45	163	38871	2.999	ng		98
70) Phenanthrene	11.23	178	46985	2.966	ng		99
74) Fluoranthene	12.42	202	107384	6.495	ng		98
77) Pyrene	12.65	202	116338	6.027	ng		97
80) Benzo(a)anthracene	13.83	228	59197	4.185	ng		99
82) Chrysene	13.86	228	53402	3.795	ng		97
87) Benzo(b)fluoranthene	14.85	252	63306m	5.305	ng		
89) Benzo(a)pyrene	15.19	252	42901	4.061	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	20734	2.310	ng		95

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098317.D
Acq On : 7 Sep 2017 16:52
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Misc :
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Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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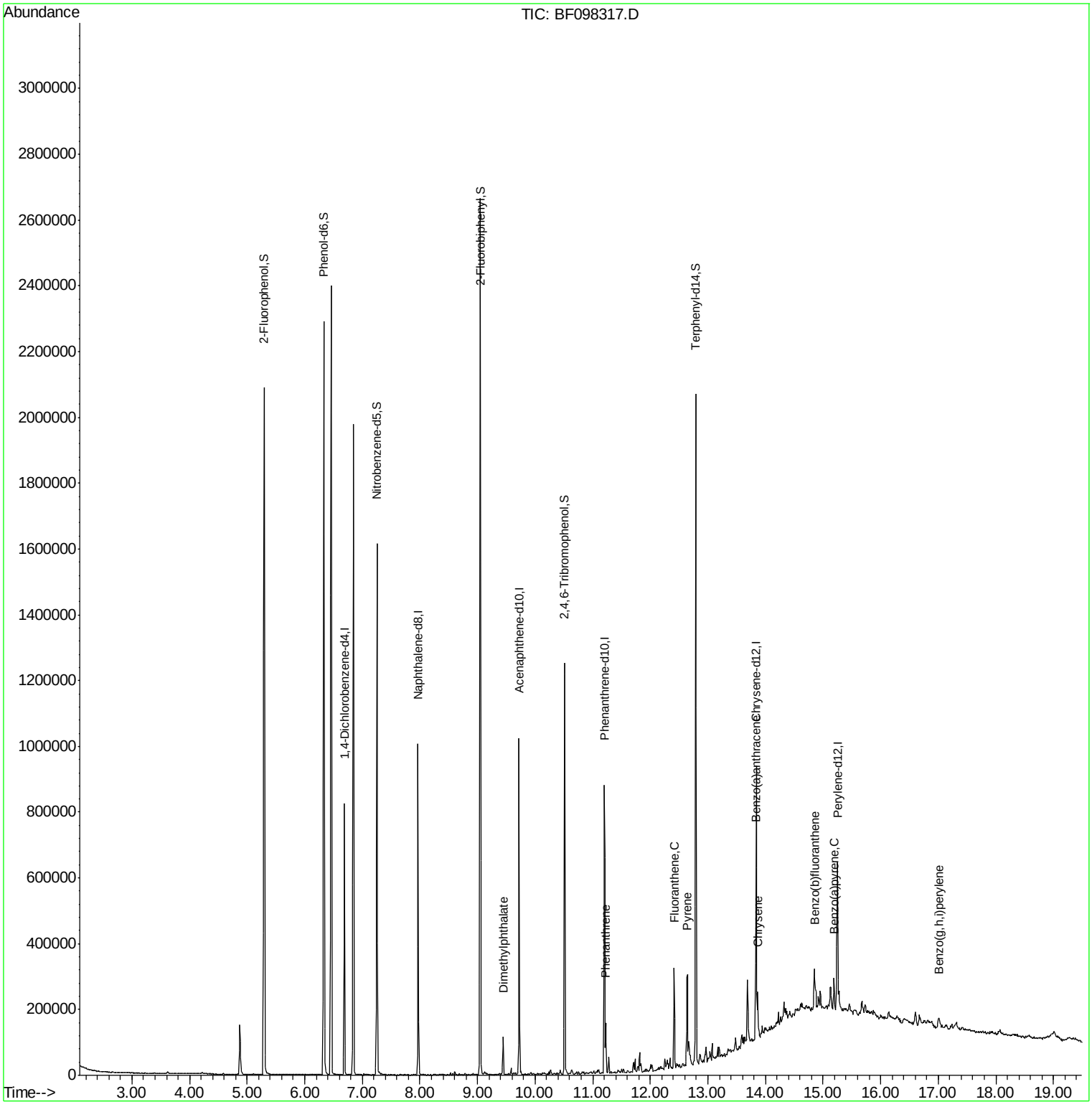
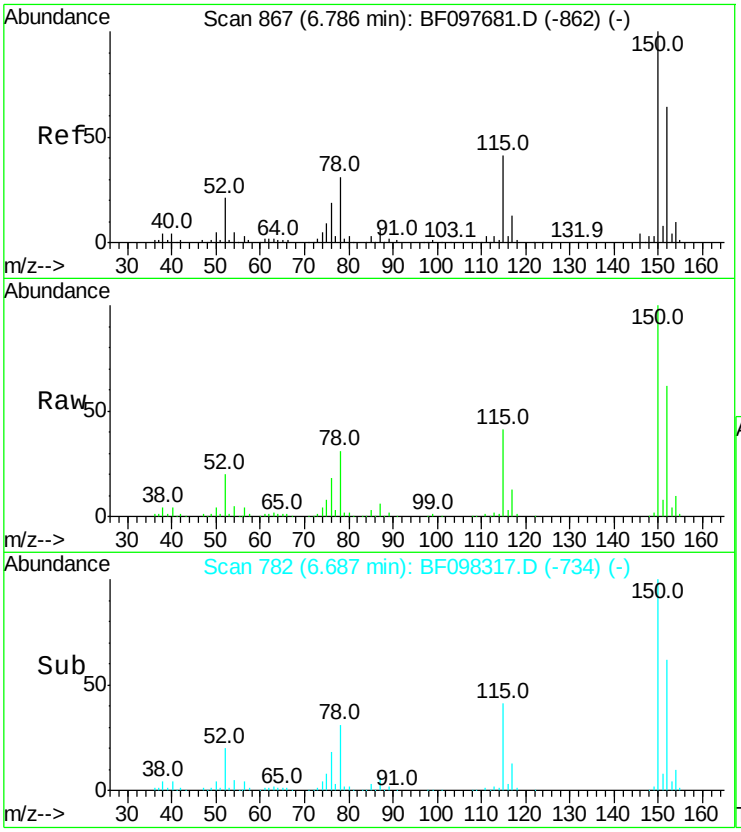
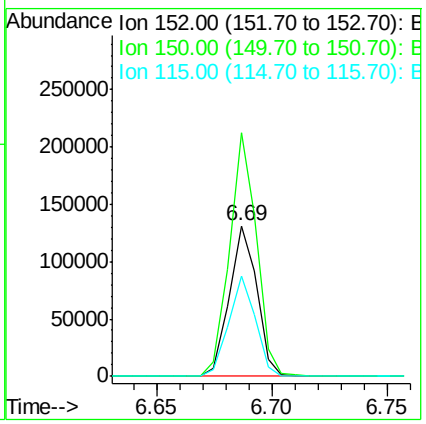




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:152 Resp: 109228

Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.2	189.2
115	66.9	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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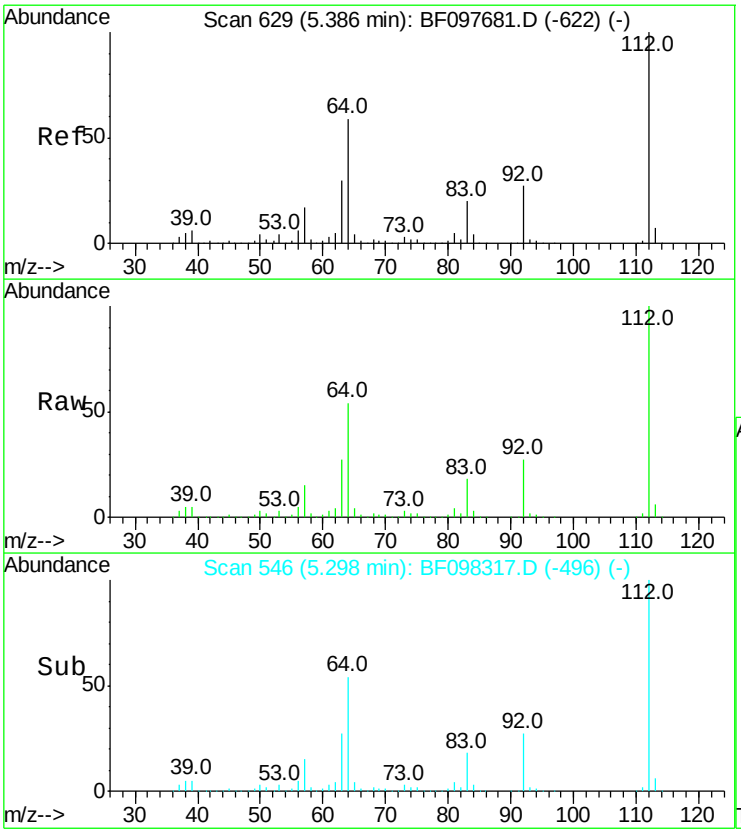
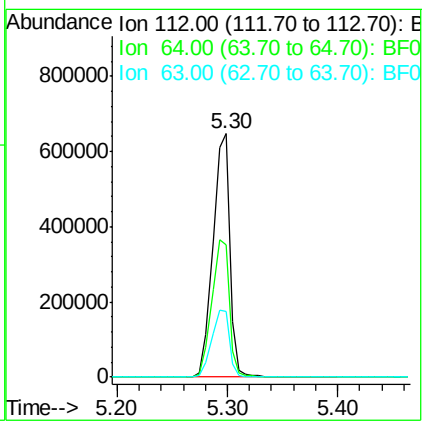
9/8/2017 5:45:15 PM

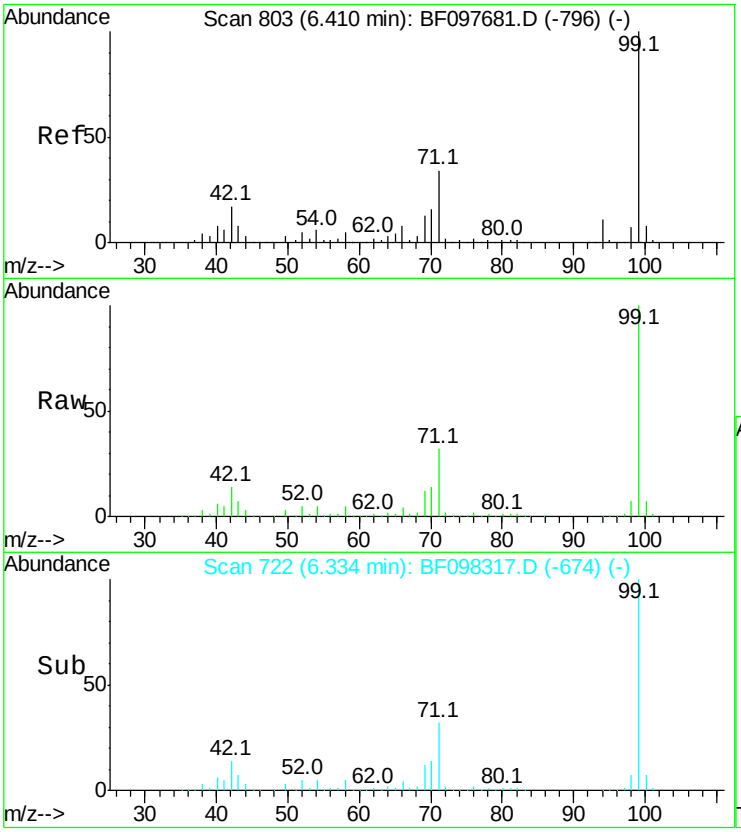


#5
2-Fluorophenol
Concen: 95.586 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:112 Resp: 686399

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.8	23.4	35.0

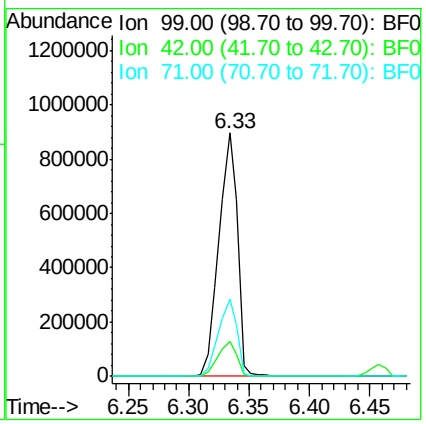




#7
Phenol-d6
Concen: 97.336 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion: 99 Resp: 949696

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.5	20.3
71	32.0	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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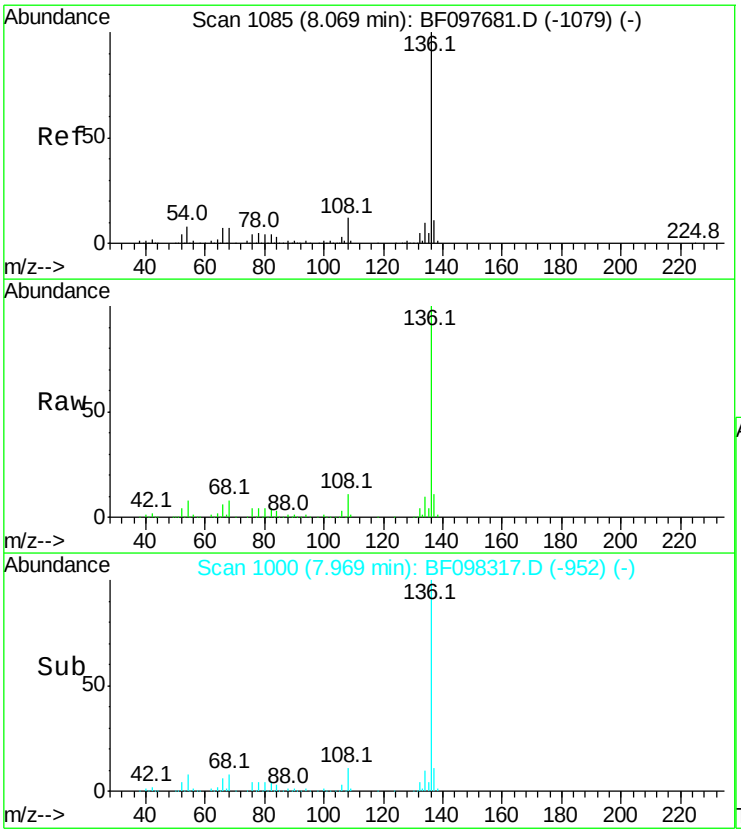
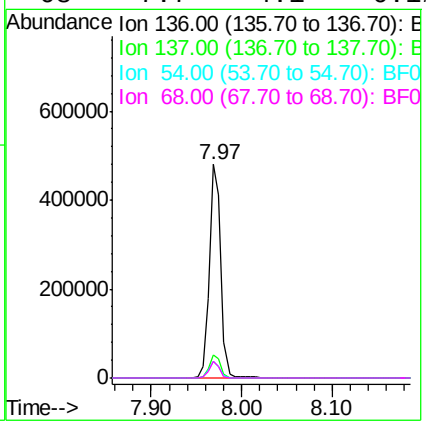
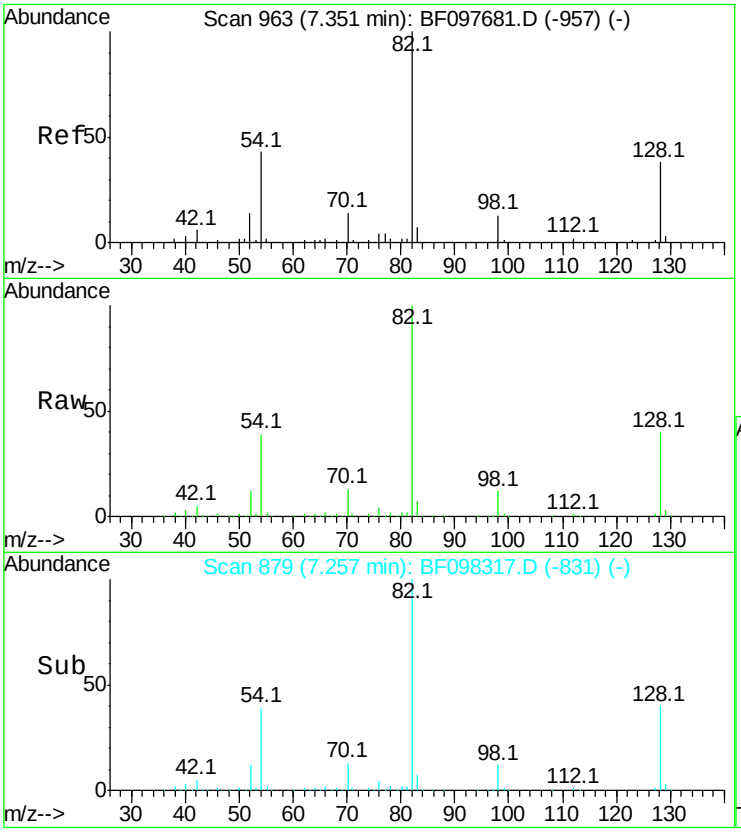


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:136 Resp: 425857

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.0	4.9	7.3#
68	7.7	4.1	6.1#

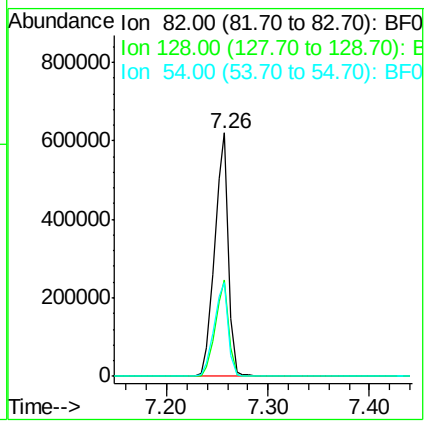




#23
Nitrobenzene-d5
Concen: 74.224 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion: 82 Resp: 581850

Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.0	51.0
54	38.6	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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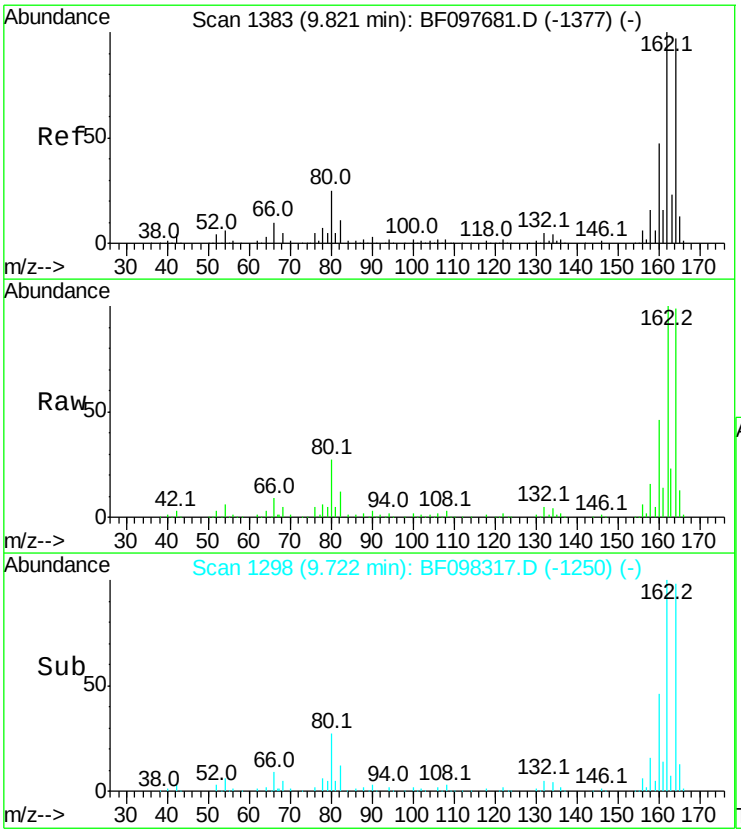
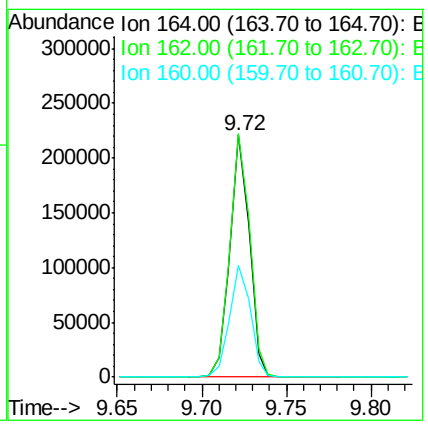
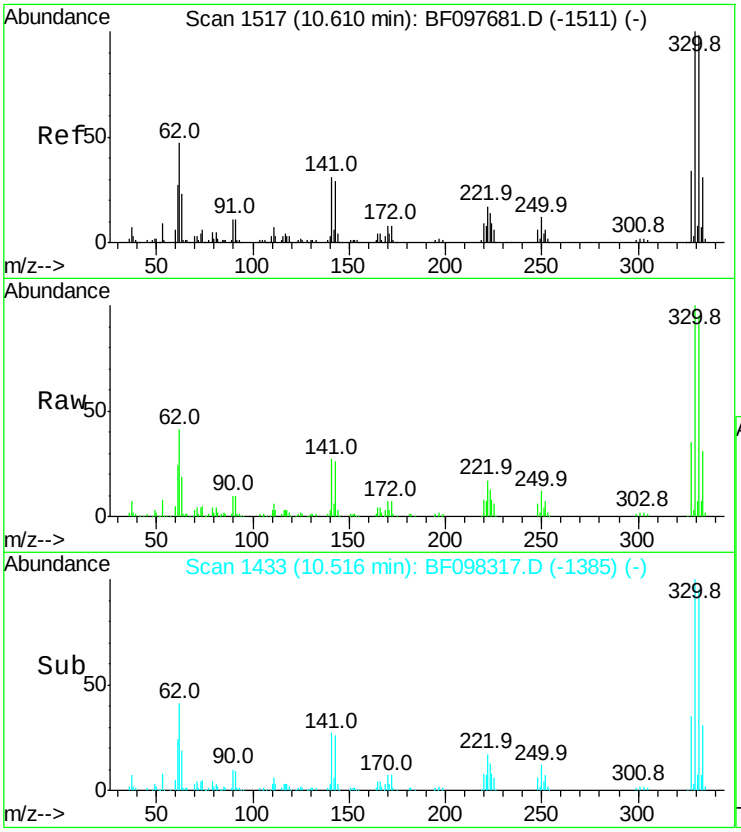


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:164 Resp: 177329

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	46.2	36.2	54.2

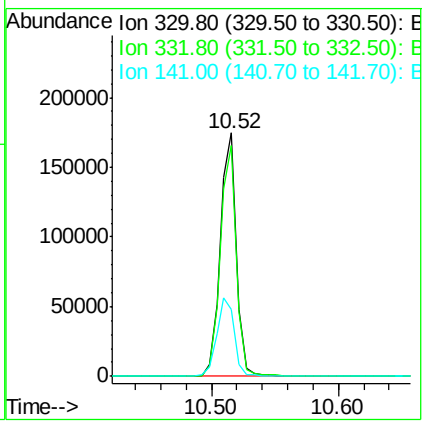




#41
2,4,6-Tribromophenol
Concen: 100.907 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:330 Resp: 155257

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	35.5	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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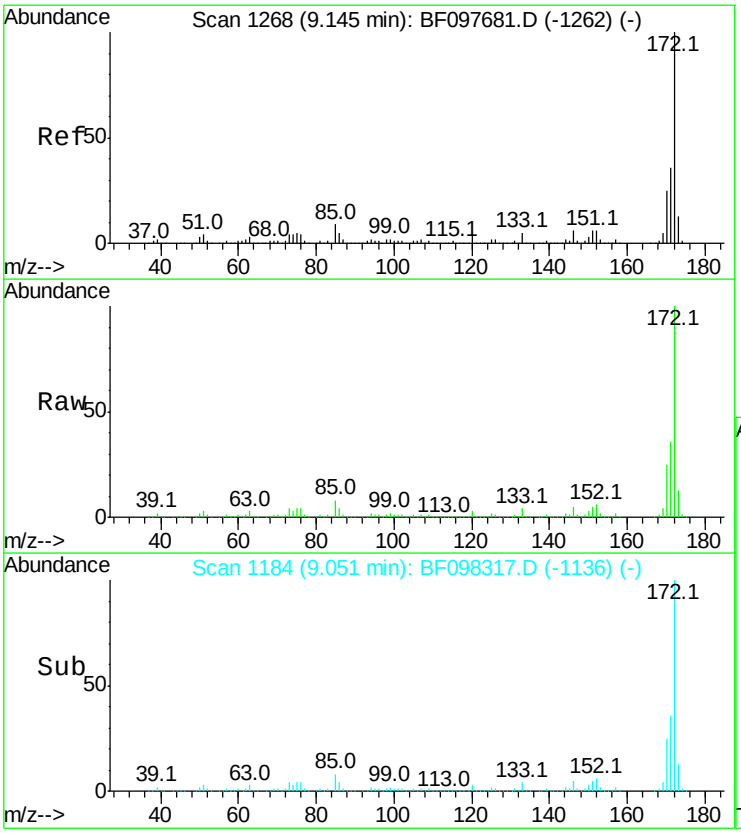
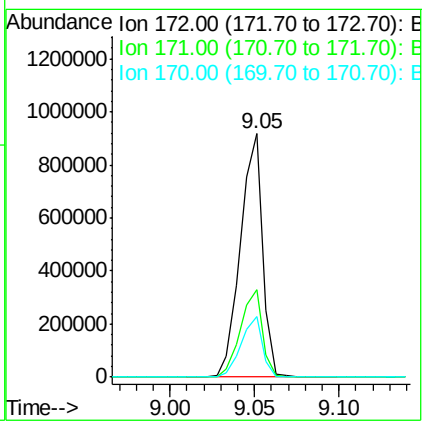
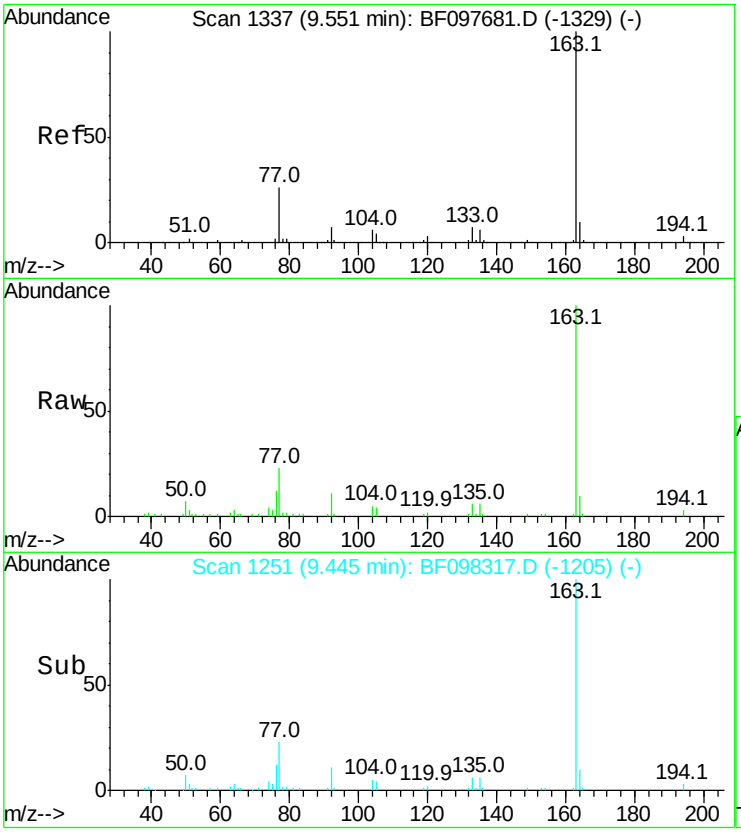


#44
2-Fluorobiphenyl
Concen: 69.643 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:172 Resp: 840567

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.8	29.8

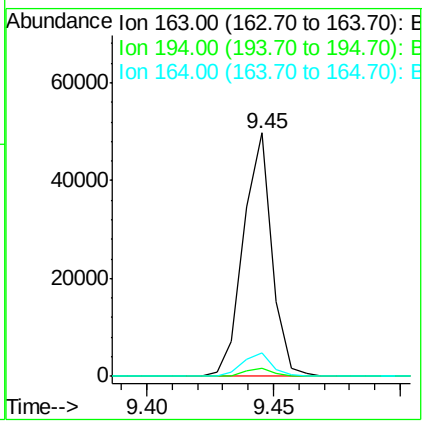




#49
Dimethylphthalate
Concen: 2.999 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:163 Resp: 38871

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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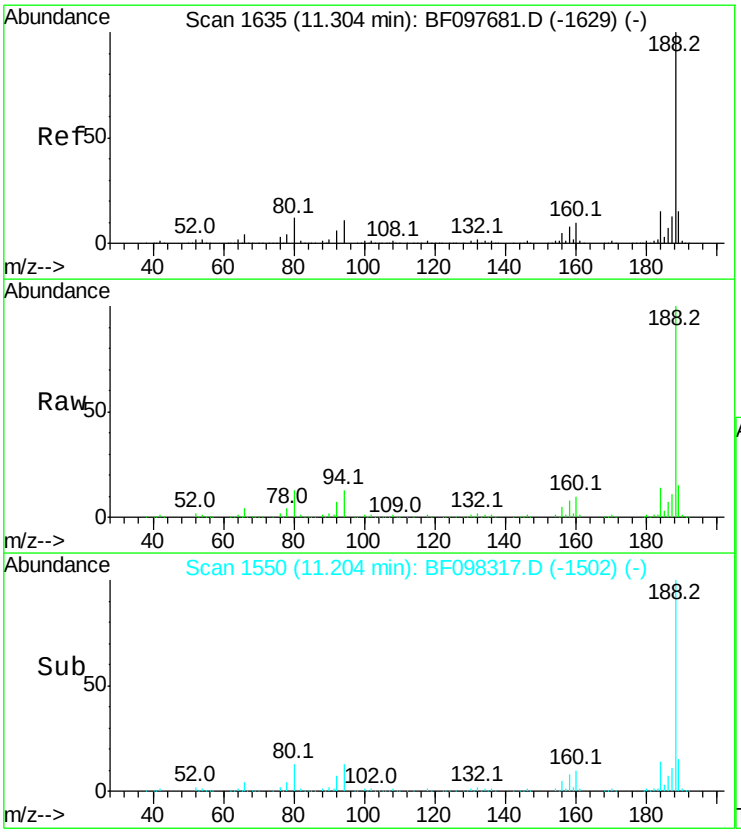
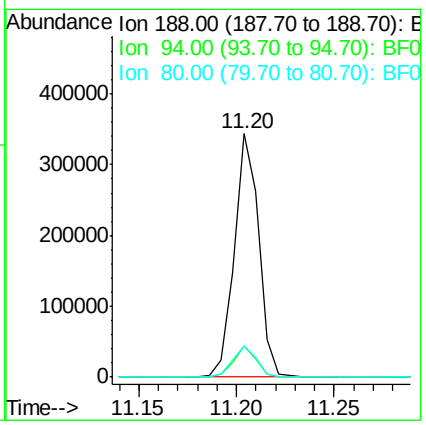
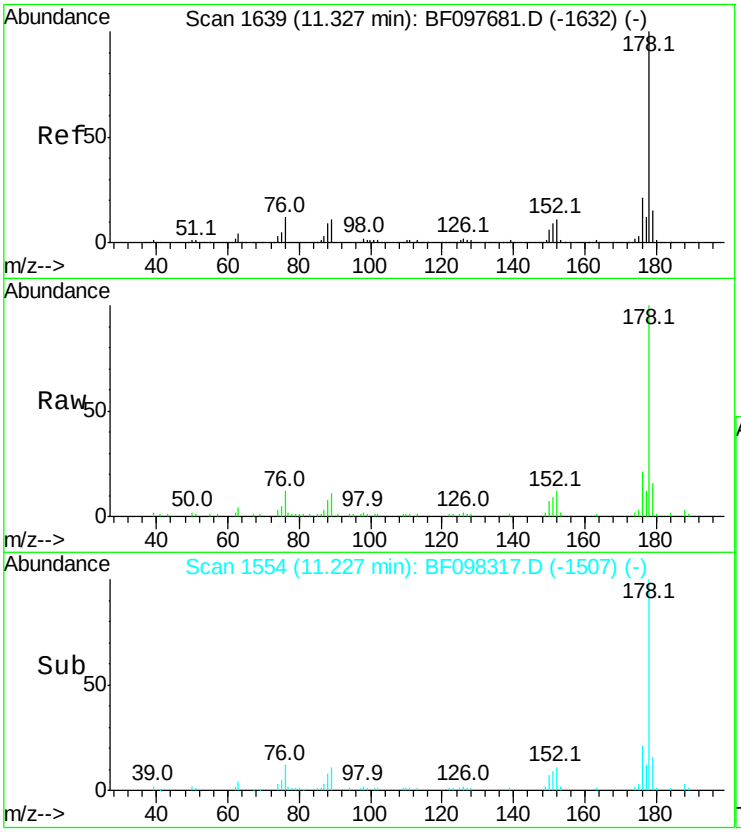


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:188 Resp: 297259

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	12.9	10.2	15.2

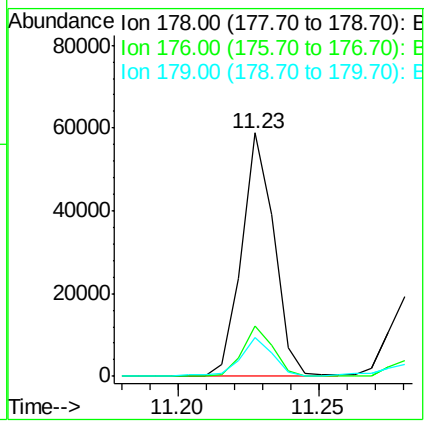




#70
Phenanthrene
Concen: 2.966 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:178 Resp: 46985

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.7	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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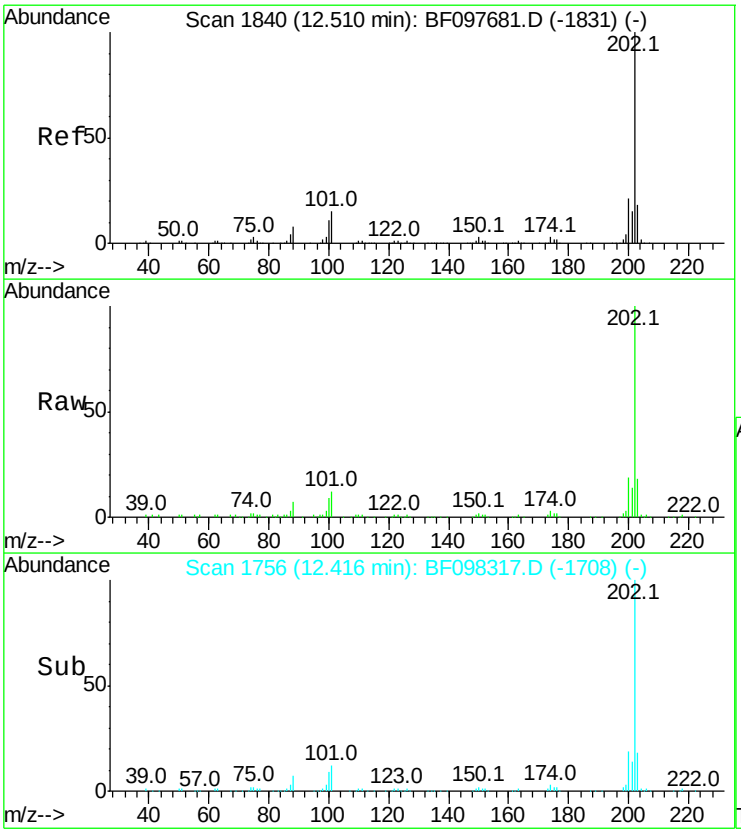
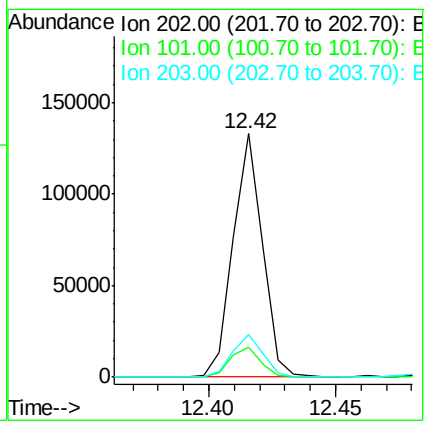
9/8/2017 5:45:15 PM

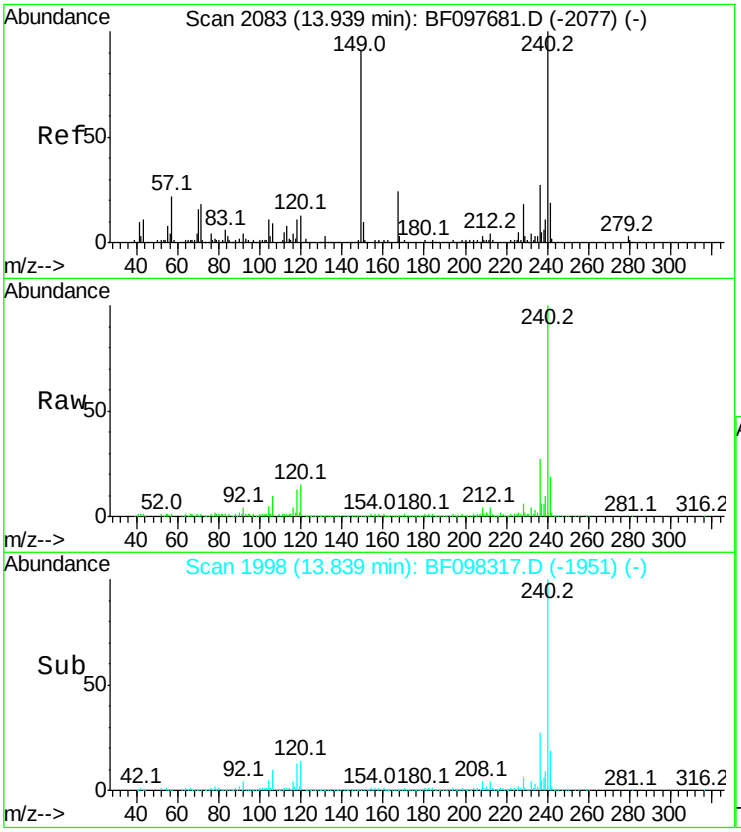


#74
Fluoranthene
Concen: 6.495 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:202 Resp: 107384

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.6	0.0	38.1

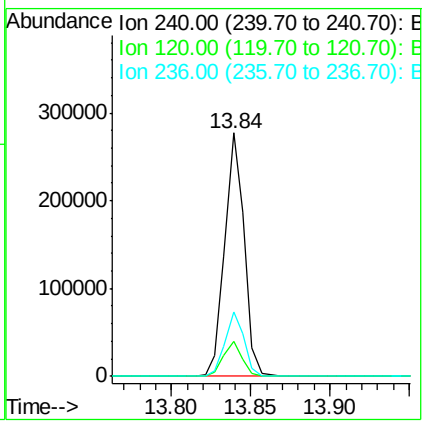




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:240 Resp: 236023

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.5	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
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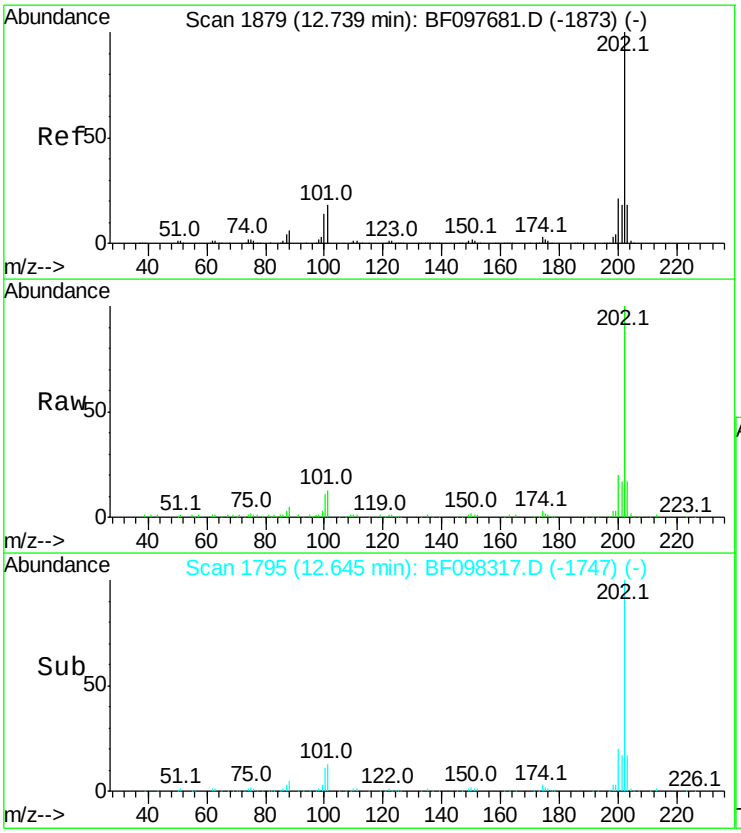
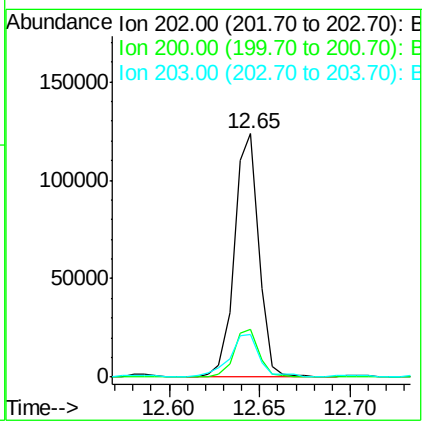
9/8/2017 5:45:15 PM

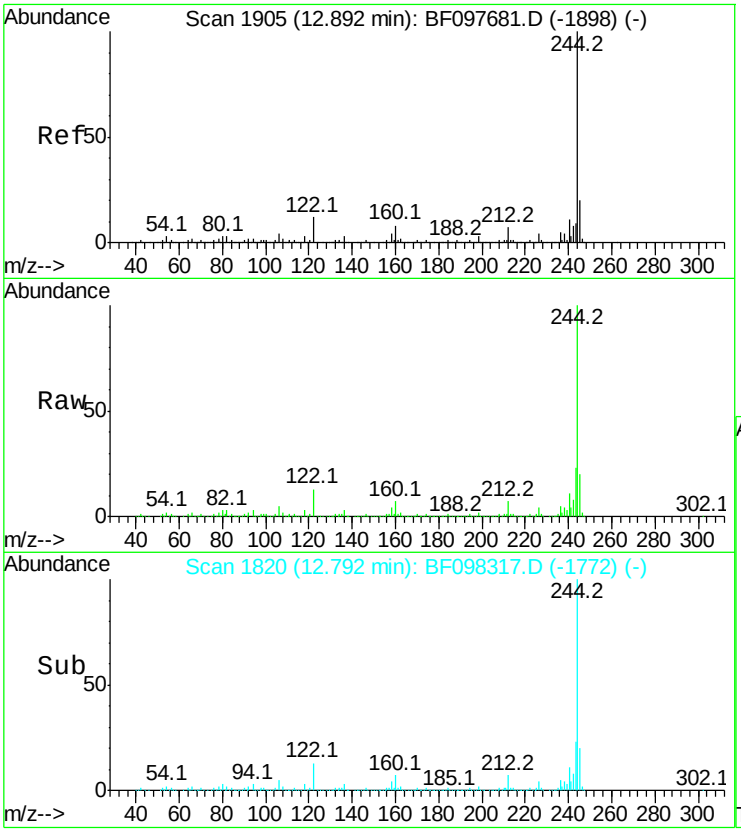


#77
Pyrene
Concen: 6.027 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:202 Resp: 116338

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	17.4	14.4	21.6

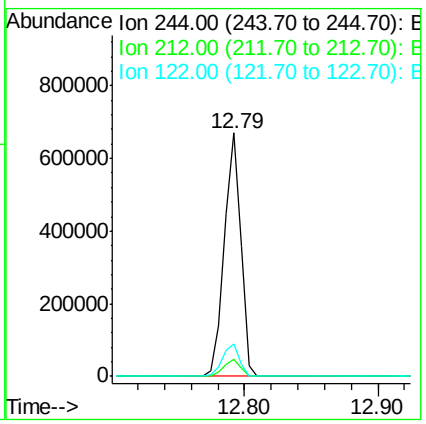




#78
Terphenyl-d14
Concen: 52.016 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

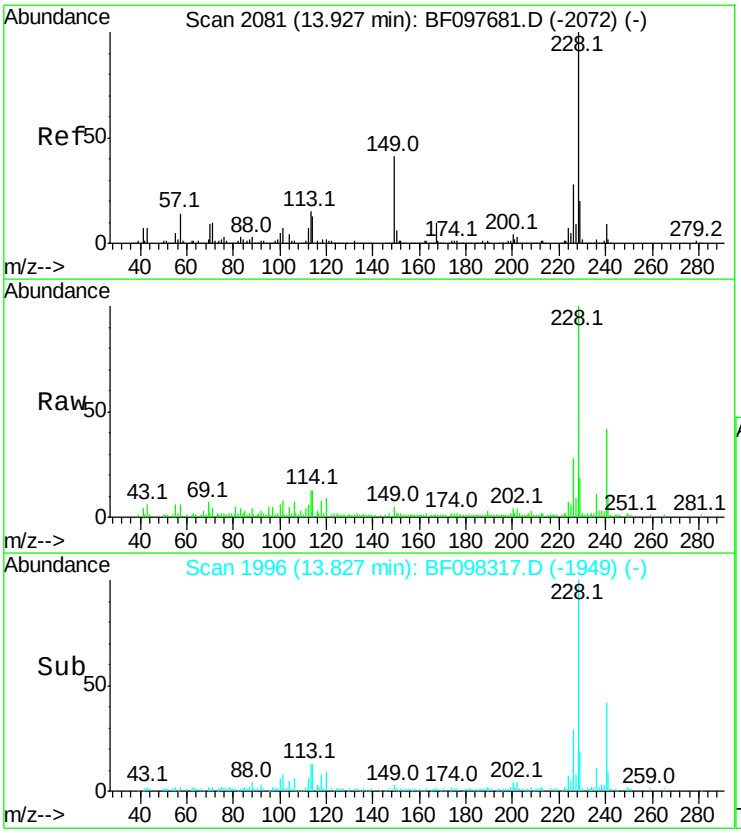
Tgt Ion:244 Resp: 588726

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

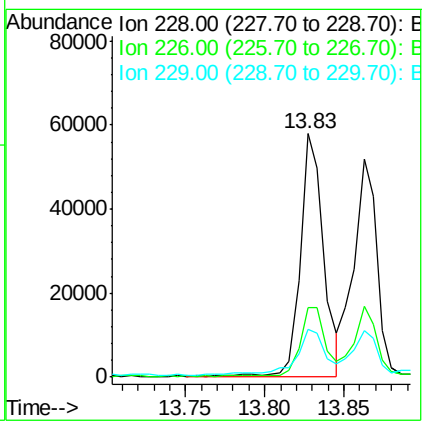
Manual Integrations APPROVED
Sohil
9/8/2017 5:45:15 PM

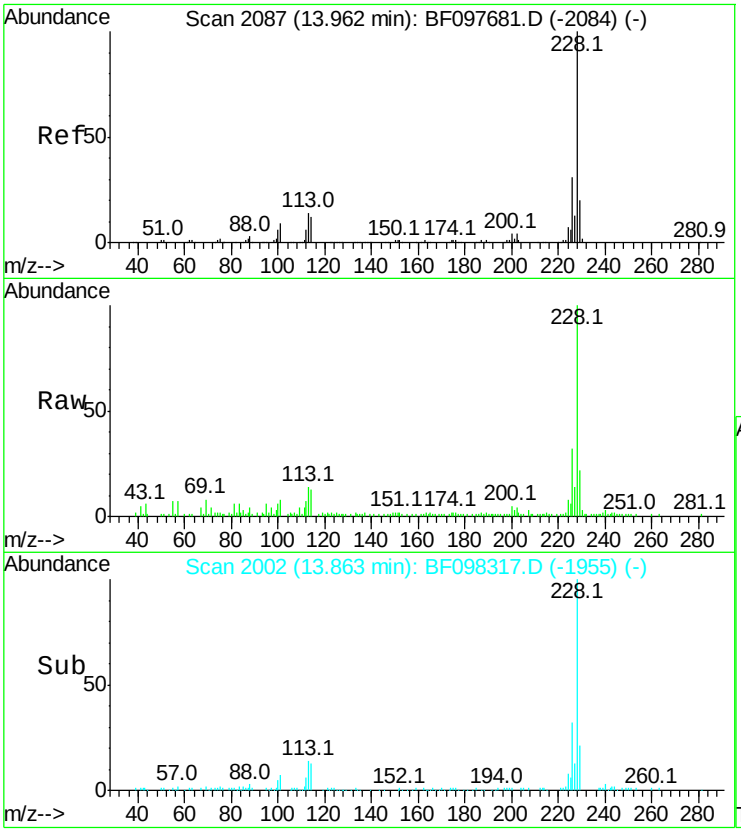


#80
Benzo(a)anthracene
Concen: 4.185 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:228 Resp: 59197

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.5	16.3	24.5

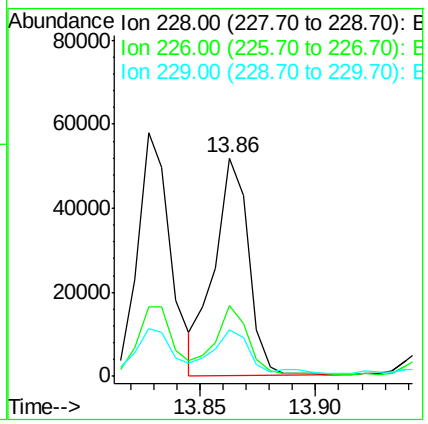




#82
Chrysene
Concen: 3.795 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:228 Resp: 53402

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.5	15.8	23.6



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ClientSampleId :
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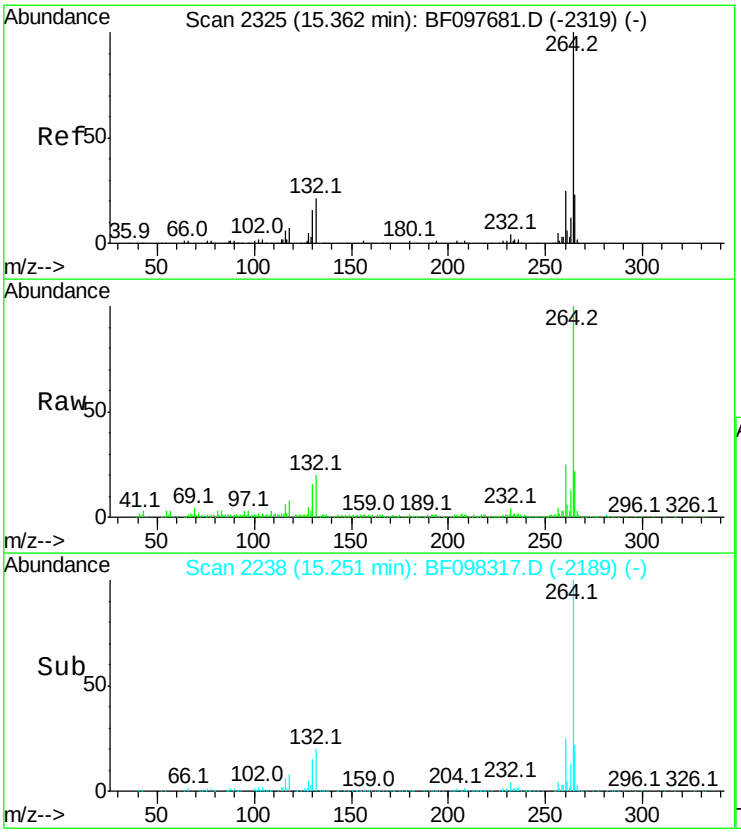
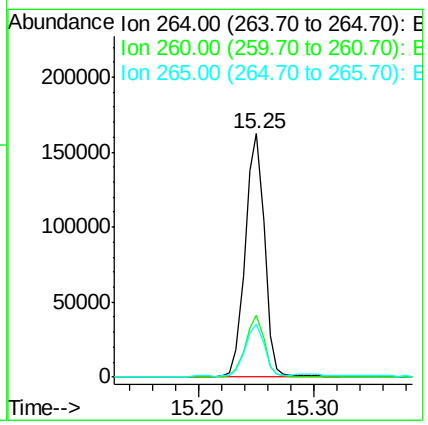
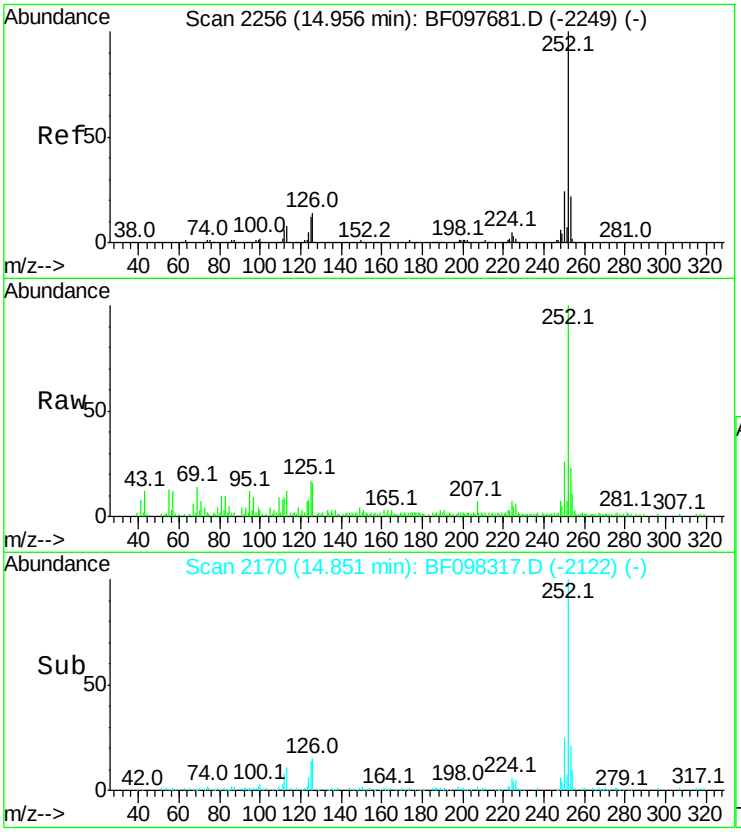


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:264 Resp: 189328

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.8	17.2	25.8

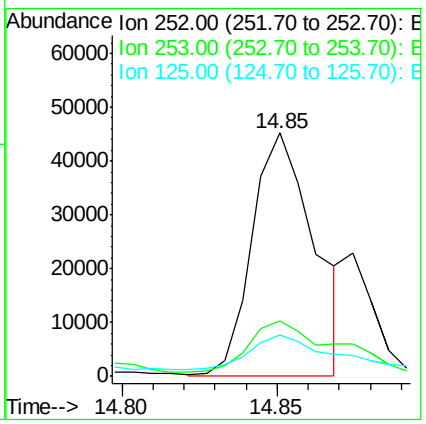




#87
Benzo(b)fluoranthene
Concen: 5.305 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:252 Resp: 63306

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	16.9	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

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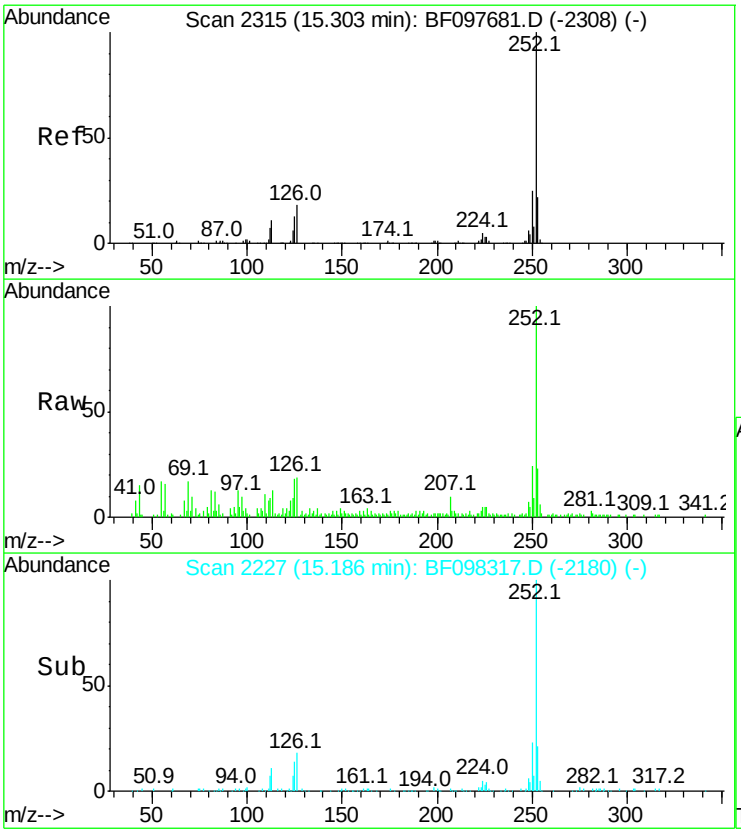
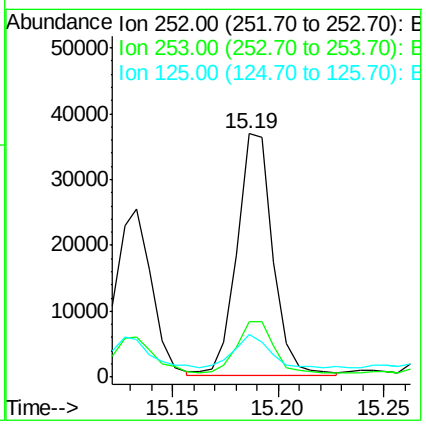
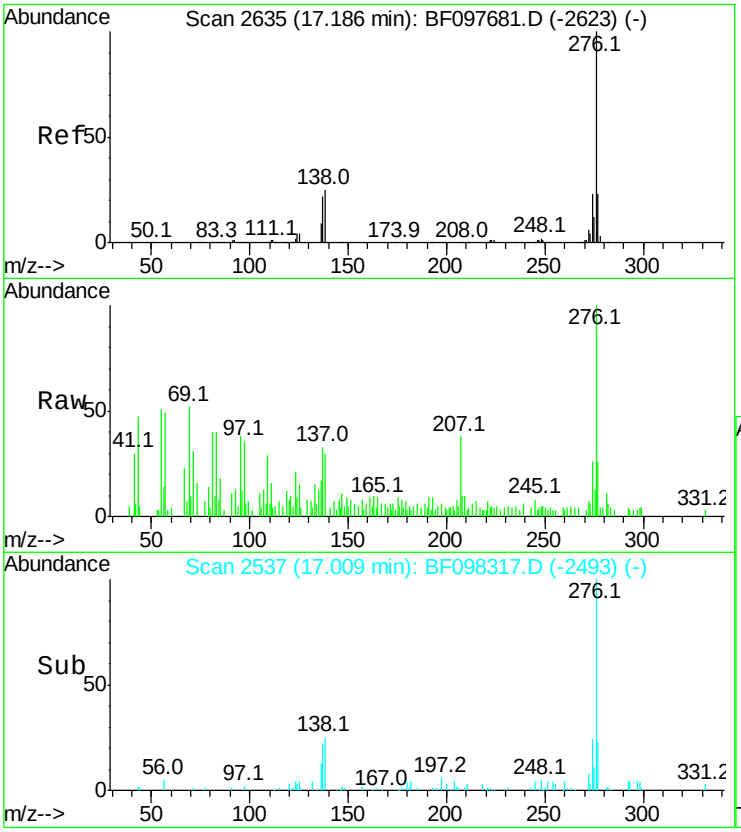


#89
Benzo(a)pyrene
Concen: 4.061 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:252 Resp: 42901

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	17.7	11.0	16.4#

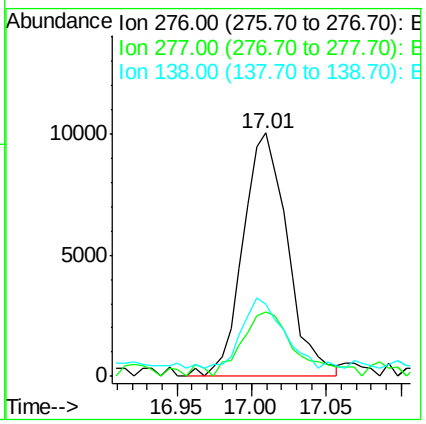




#91
Benzo(g,h,i)perylene
Concen: 2.310 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.04 min
Lab File: BF098317.D
Acq: 7 Sep 2017 16:52

Tgt Ion:276 Resp: 20734

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	29.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
AU-06-090117-C

Manual Integrations APPROVED
Sohil
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