Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100851.D
Acq On : 23 Nov 2017 3:54
Operator : SJ/JU
Sample : I6548-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
Sohil
11/27/2017 3:20:59 PM

Quant Time: Nov 27 04:26:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74905	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	287659	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	126784	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	214743	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	144735	20.00	ng		-0.02
86) Perylene-d12	15.50	264	164060	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	94724	20.27	ng		-0.02
7) Phenol-d6	6.48	99	116060	20.14	ng		-0.03
23) Nitrobenzene-d5	7.42	82	66744	15.34	ng		-0.04
41) 2,4,6-Tribromophenol	10.68	330	25058	19.40	ng		-0.03
44) 2-Fluorobiphenyl	9.22	172	142129	17.07	ng		-0.02
78) Terphenyl-d14	12.96	244	92845	14.74	ng		-0.02
Target Compounds							Qvalue
70) Phenanthrene	11.40	178	49548	4.382	ng		98
74) Fluoranthene	12.60	202	79446	6.630	ng		93
77) Pyrene	12.83	202	73385	7.113	ng		97
80) Benzo(a)anthracene	14.01	228	37428	4.294	ng		99
82) Chrysene	14.04	228	34407	4.077	ng		96
85) Indeno(1,2,3-cd)pyrene	16.96	276	22073	3.233	ng	#	87
87) Benzo(b)fluoranthene	15.06	252	50261m	5.171	ng		
89) Benzo(a)pyrene	15.43	252	36731	4.263	ng		95
91) Benzo(g,h,i)perylene	17.41	276	18714	2.713	ng		94

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

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Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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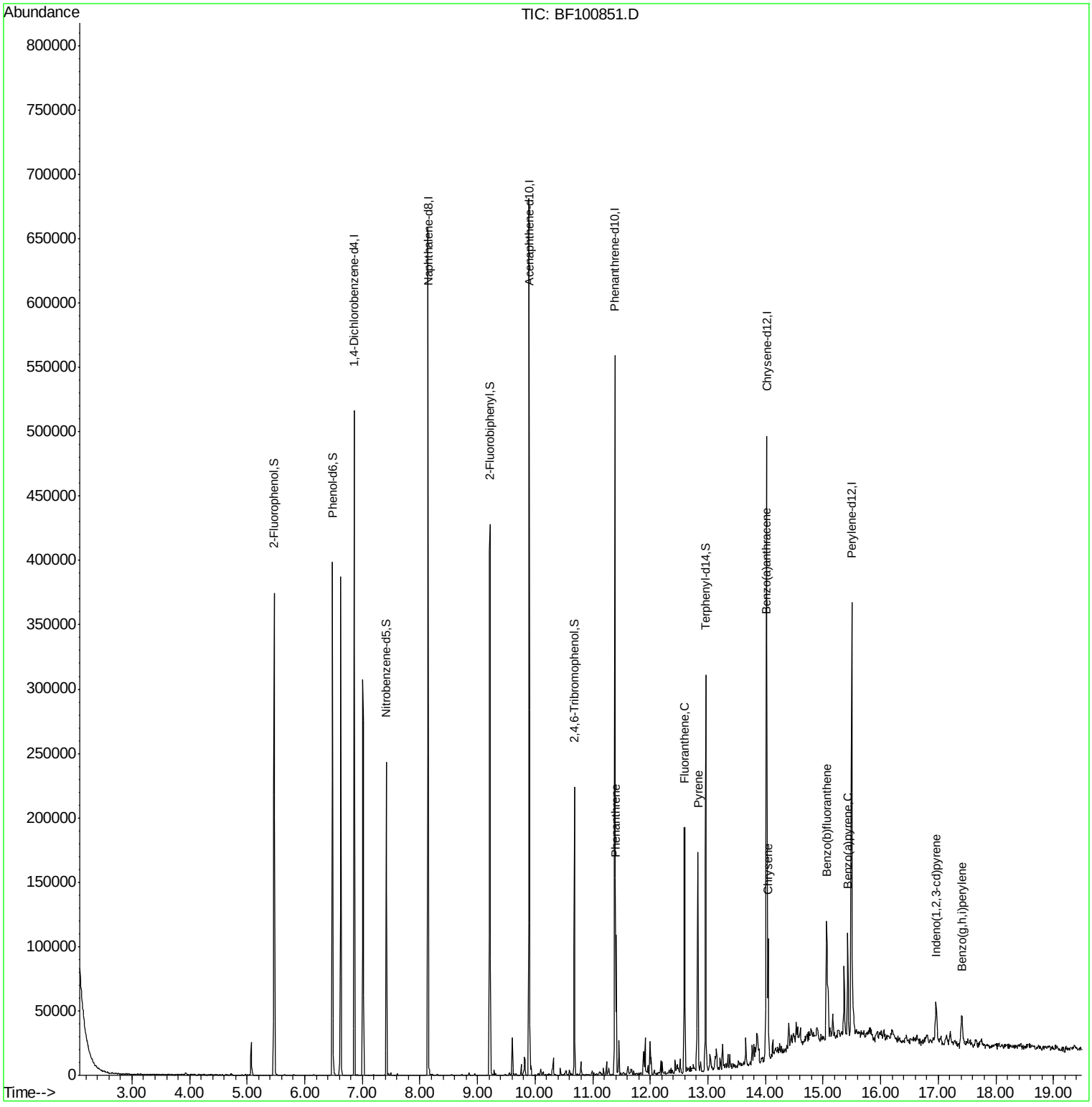
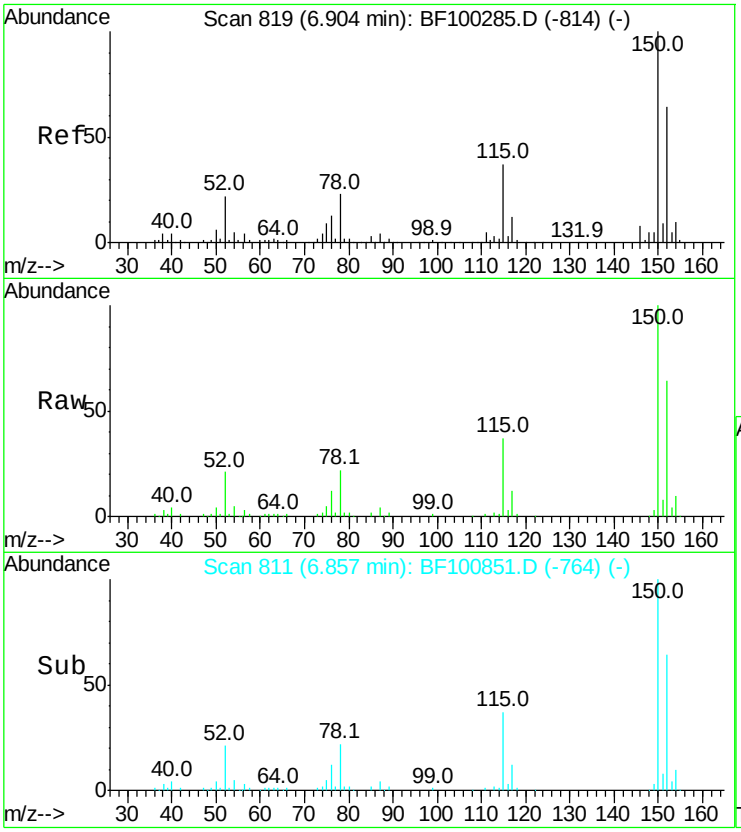
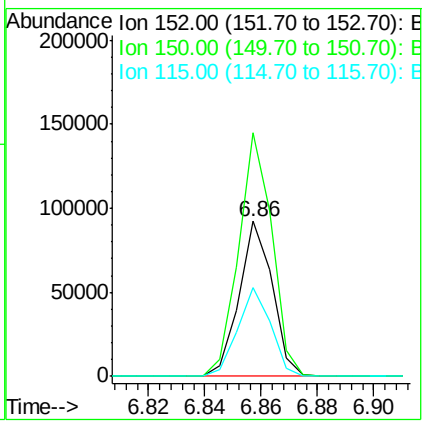




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:152 Resp: 74905

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	57.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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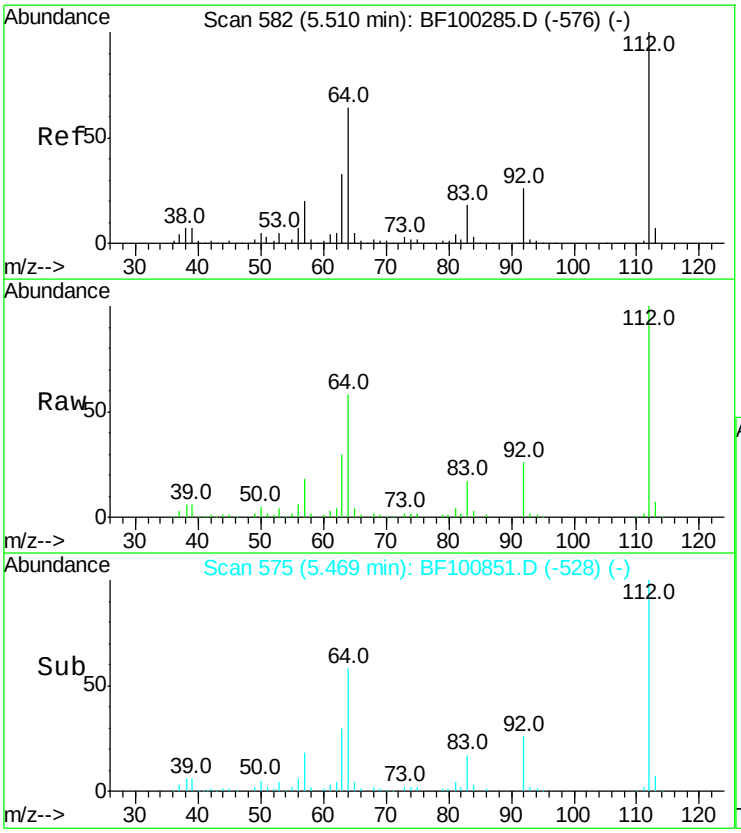
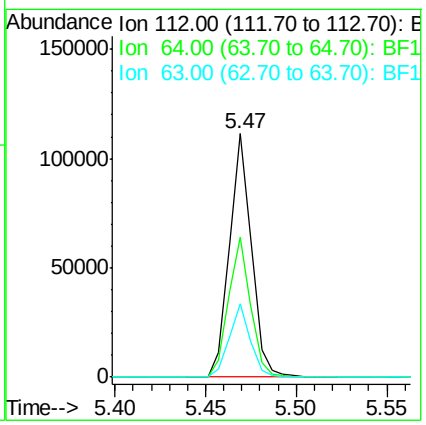
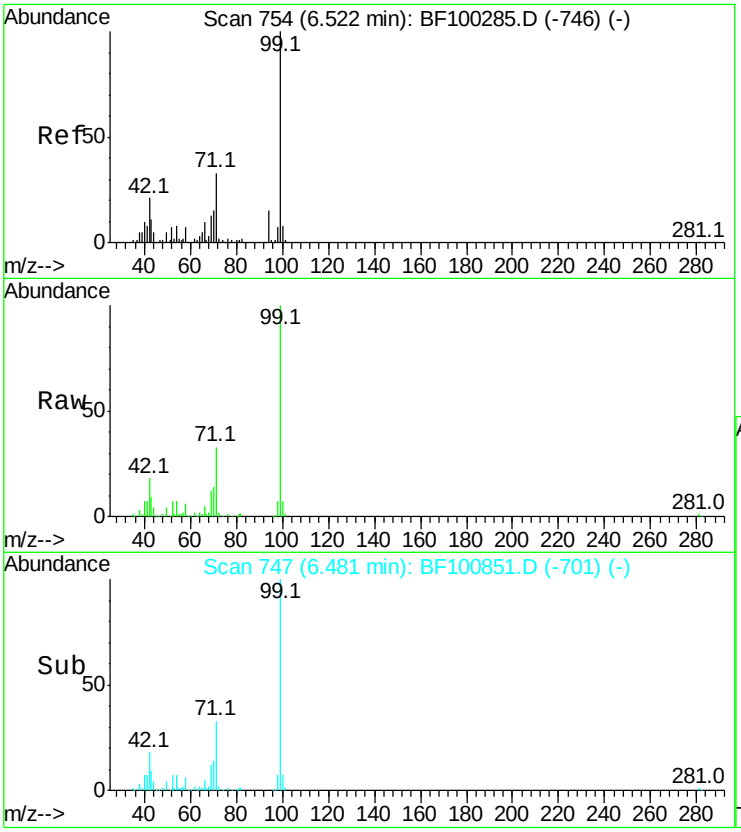


#5
2-Fluorophenol
Concen: 20.271 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:112 Resp: 94724

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.9	23.7	35.5

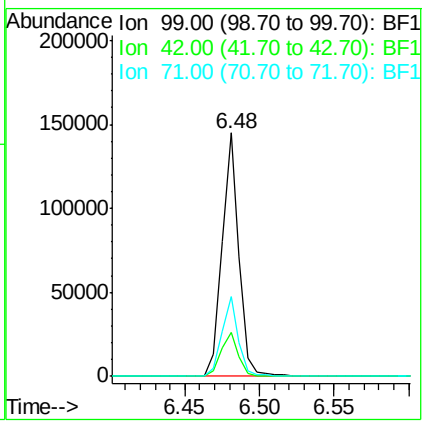




#7
Phenol-d6
Concen: 20.142 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion: 99 Resp: 116060

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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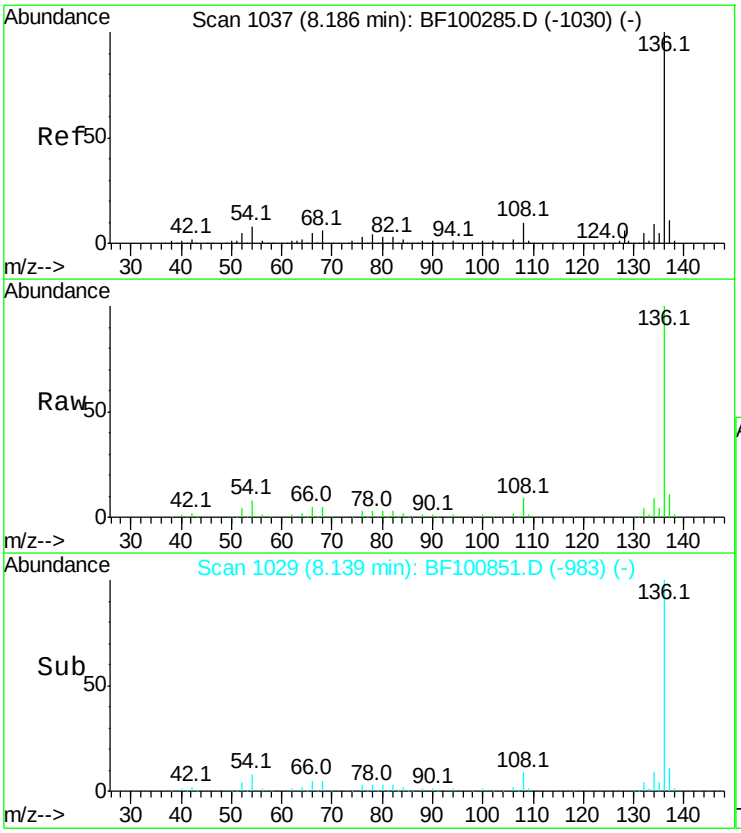
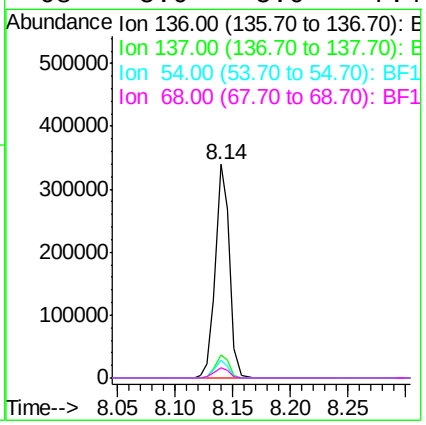
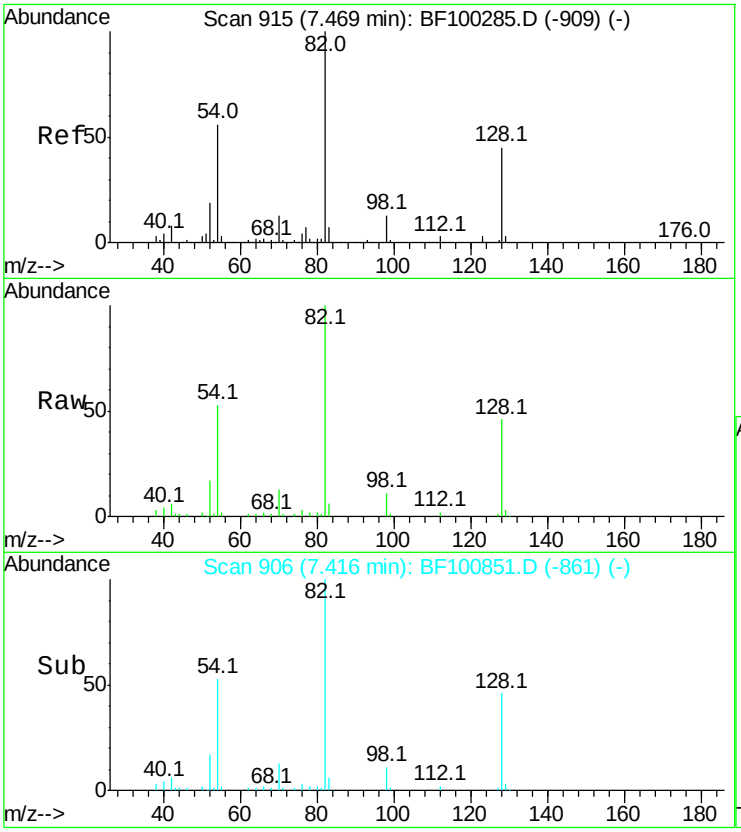


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:136 Resp: 287659

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.0	5.0	7.4

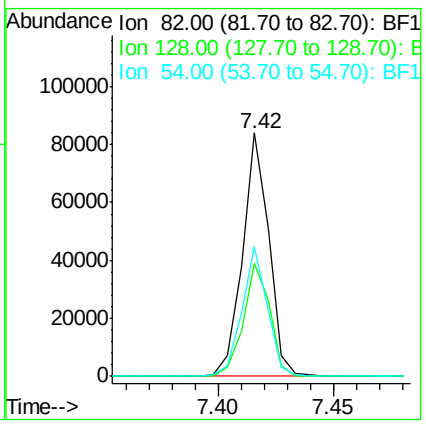




#23
Nitrobenzene-d5
Concen: 15.340 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion: 82 Resp: 66744

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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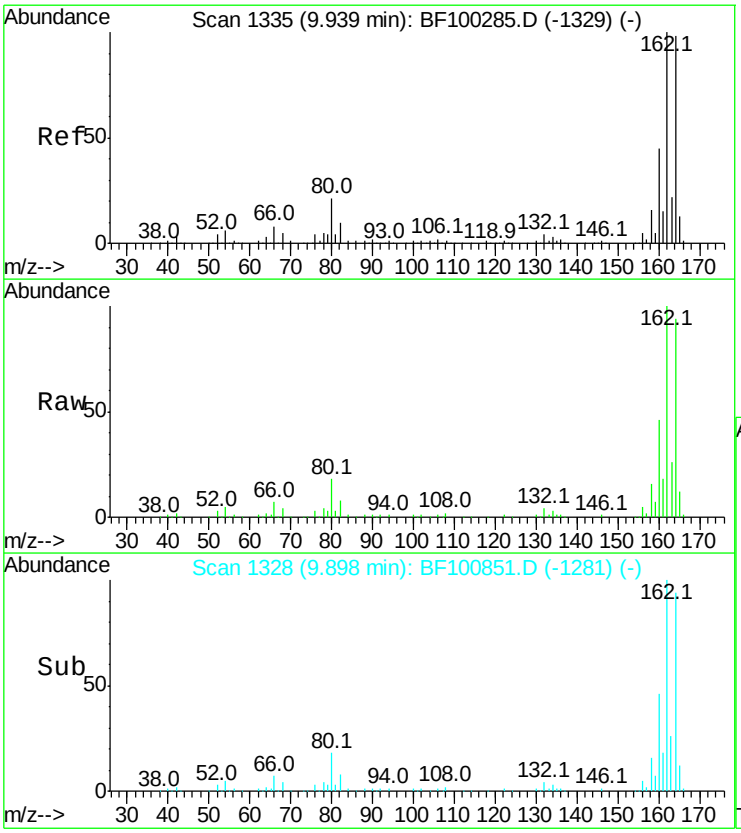
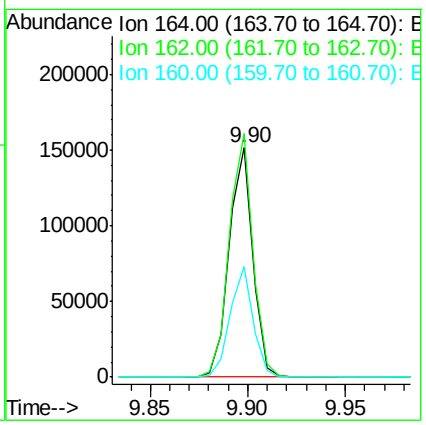
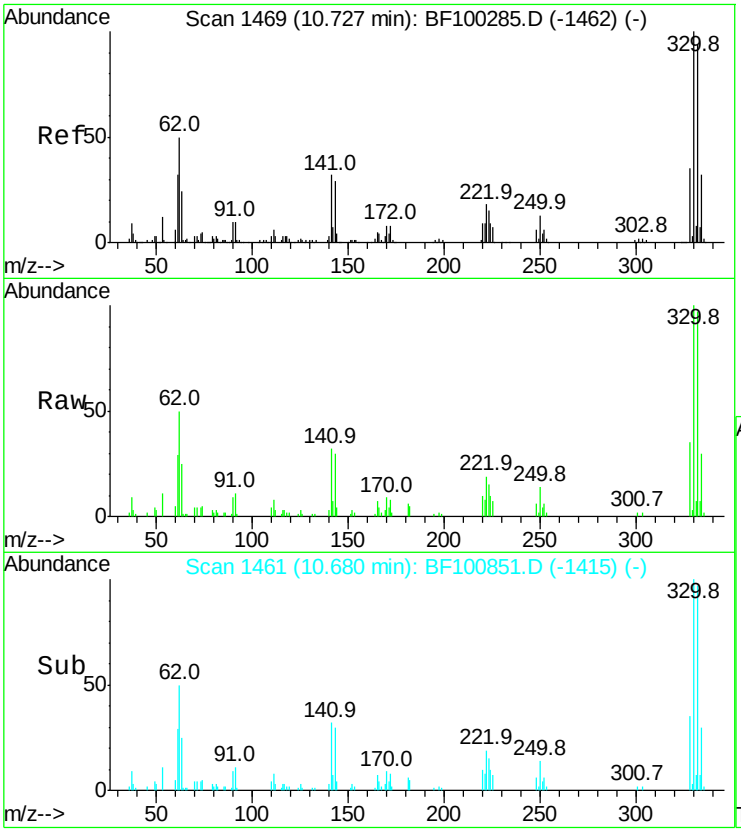


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:164 Resp: 126784

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	48.5	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 19.396 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:330 Resp: 25058

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.1	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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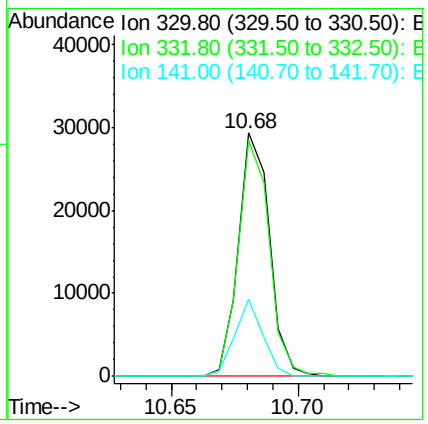
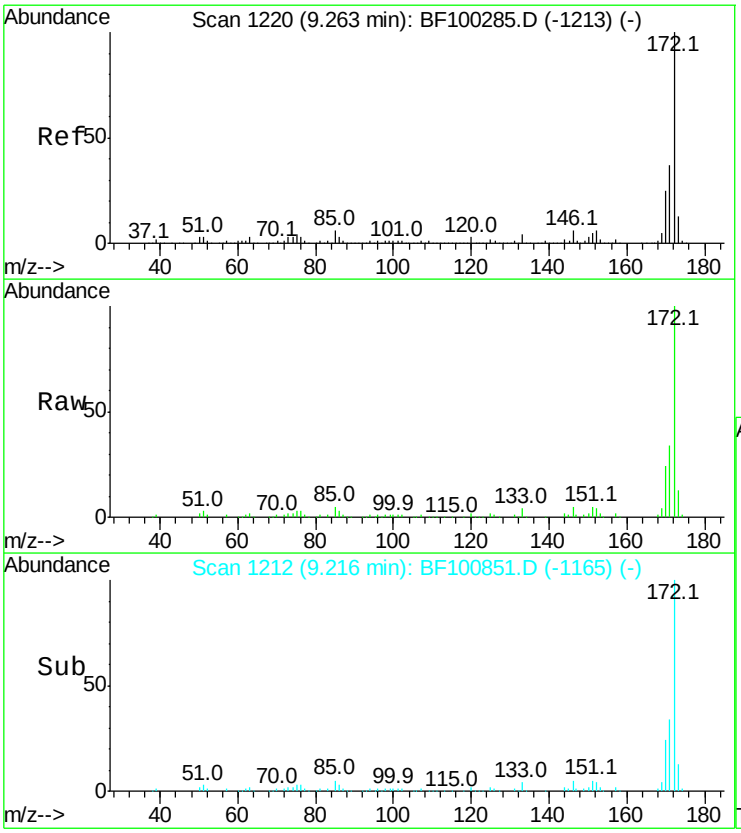
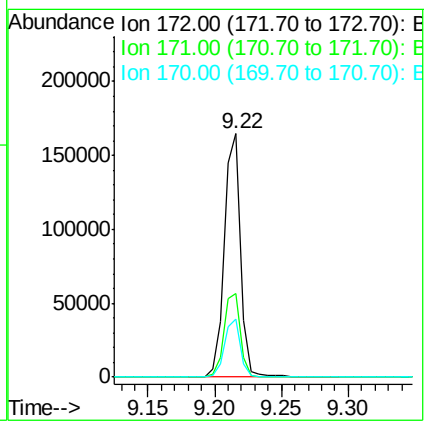


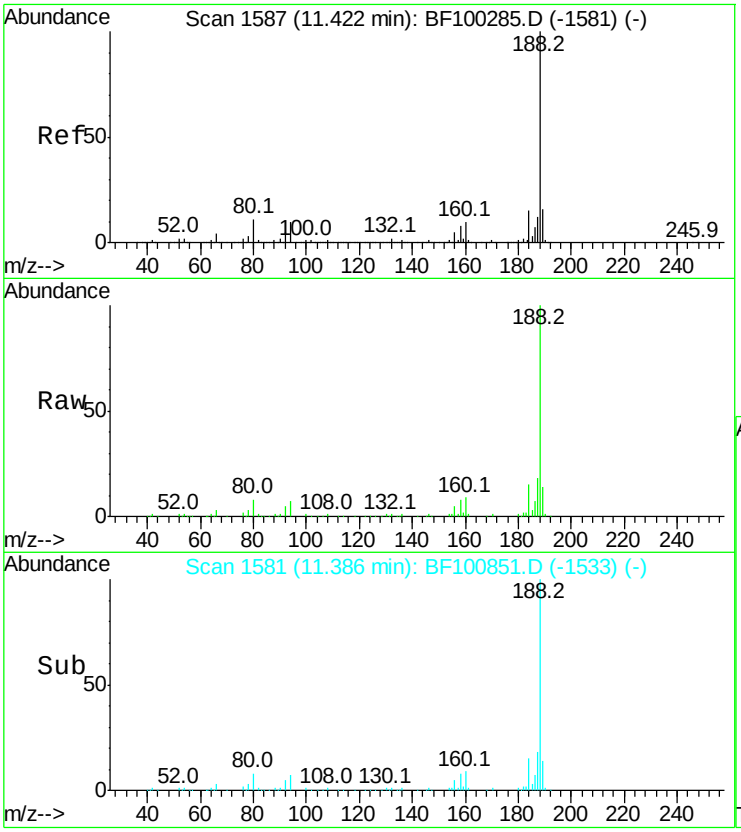


#44
2-Fluorobiphenyl
Concen: 17.070 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:172 Resp: 142129

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.6	19.6	29.4

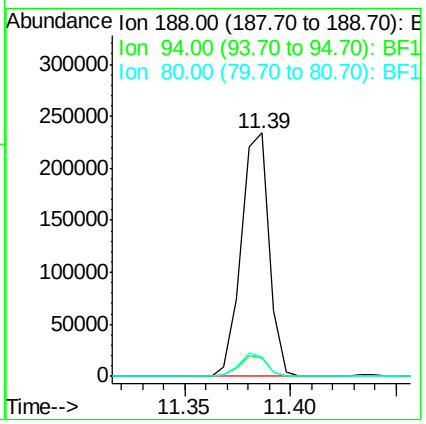




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:188 Resp: 214743

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.3	9.2	13.8#



Instrument :
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ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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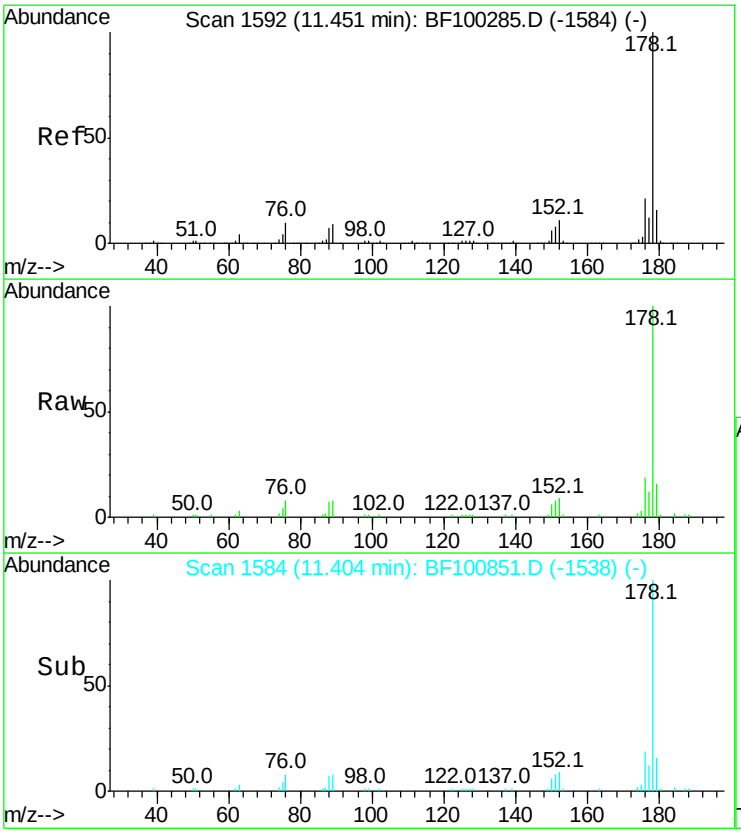
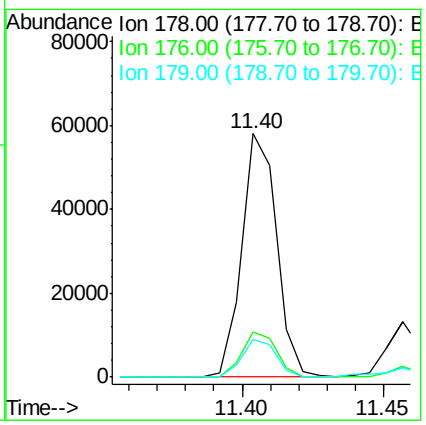
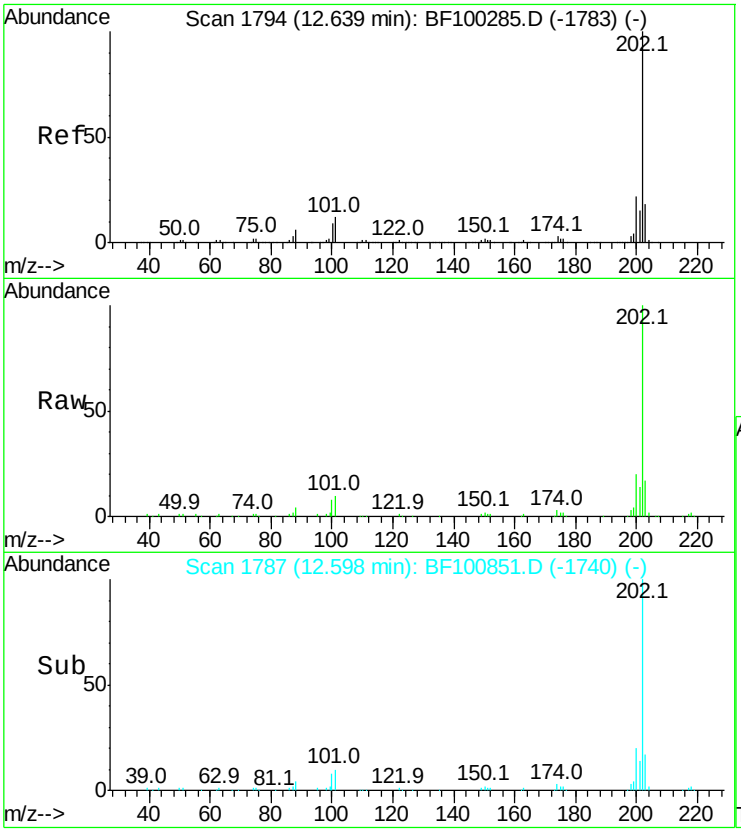


#70
Phenanthrene
Concen: 4.382 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:178 Resp: 49548

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	13.0	19.6

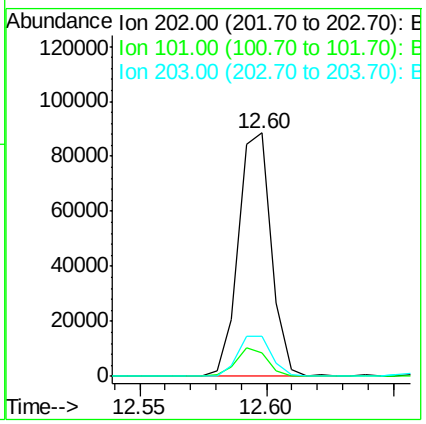




#74
Fluoranthene
Concen: 6.630 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:202 Resp: 79446

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	16.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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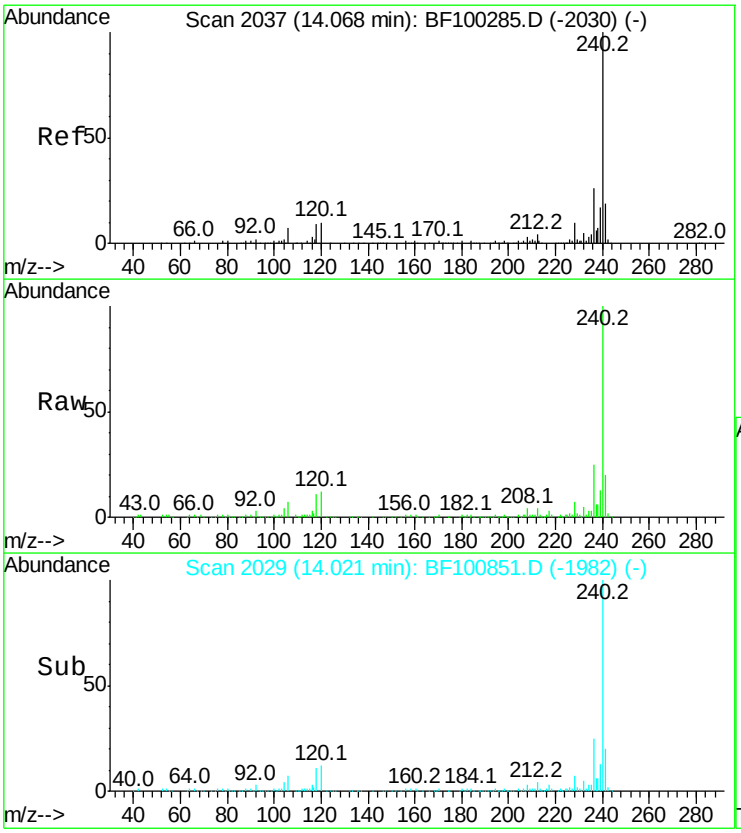
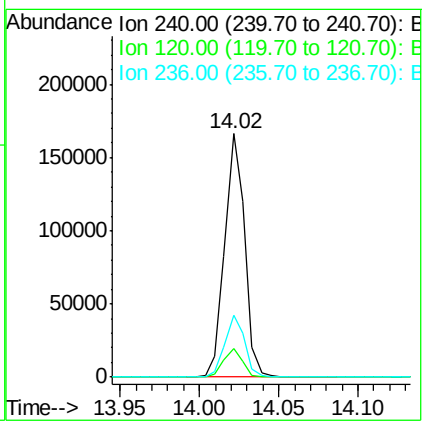
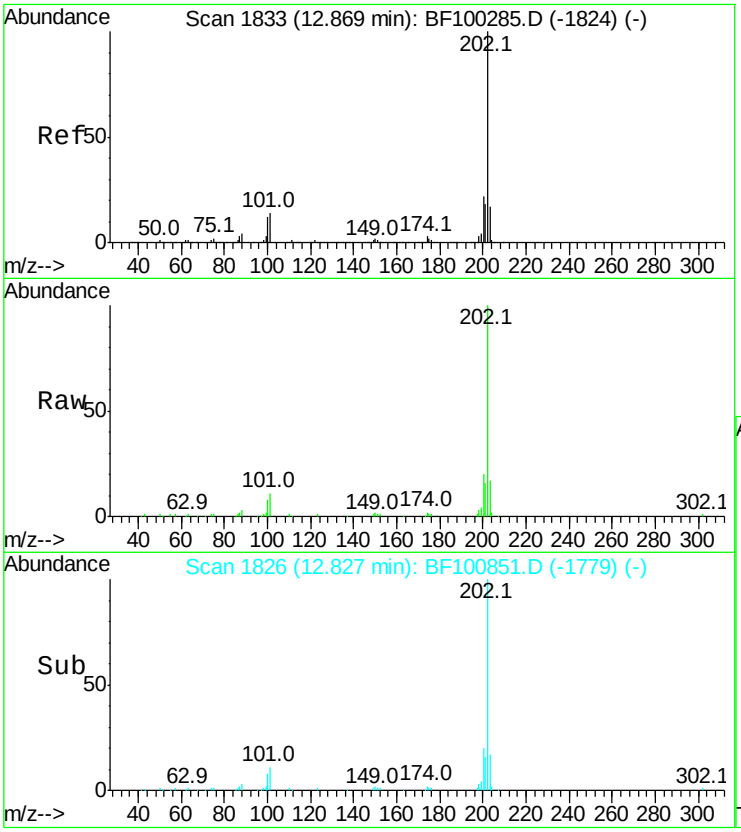


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:240 Resp: 144735

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.4	20.7	31.1

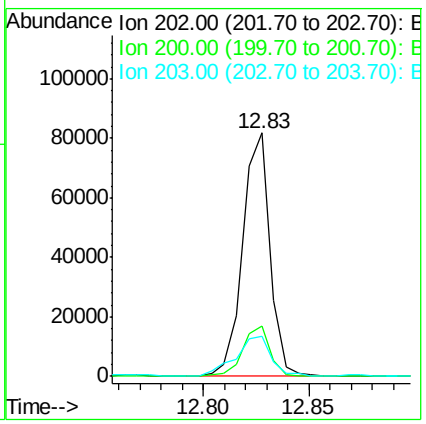




#77
Pyrene
Concen: 7.113 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:202 Resp: 73385

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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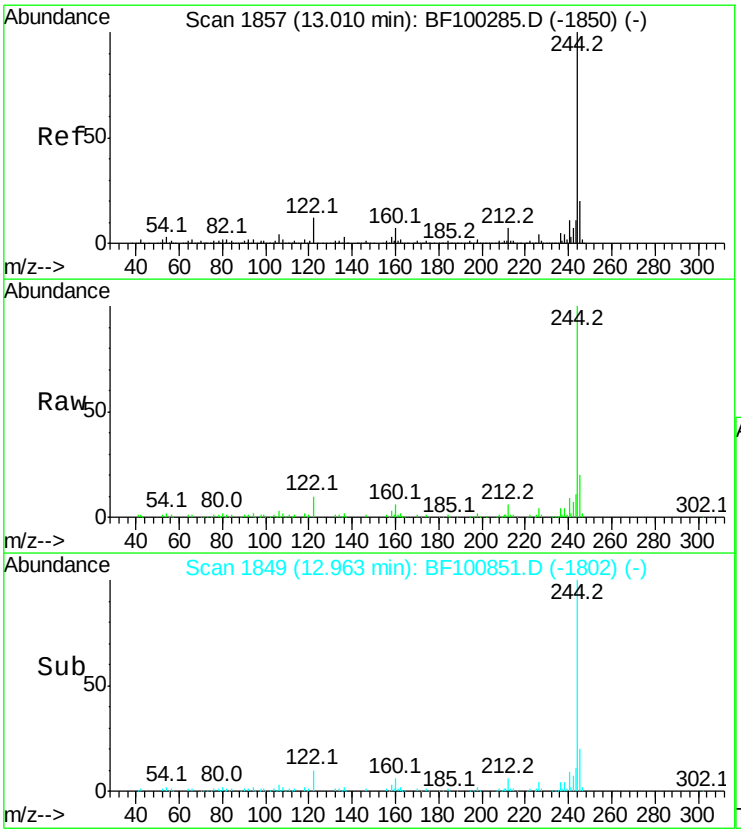
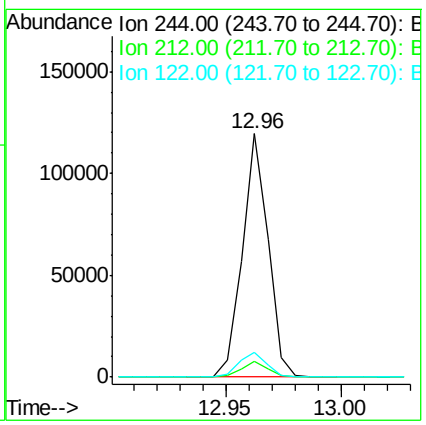
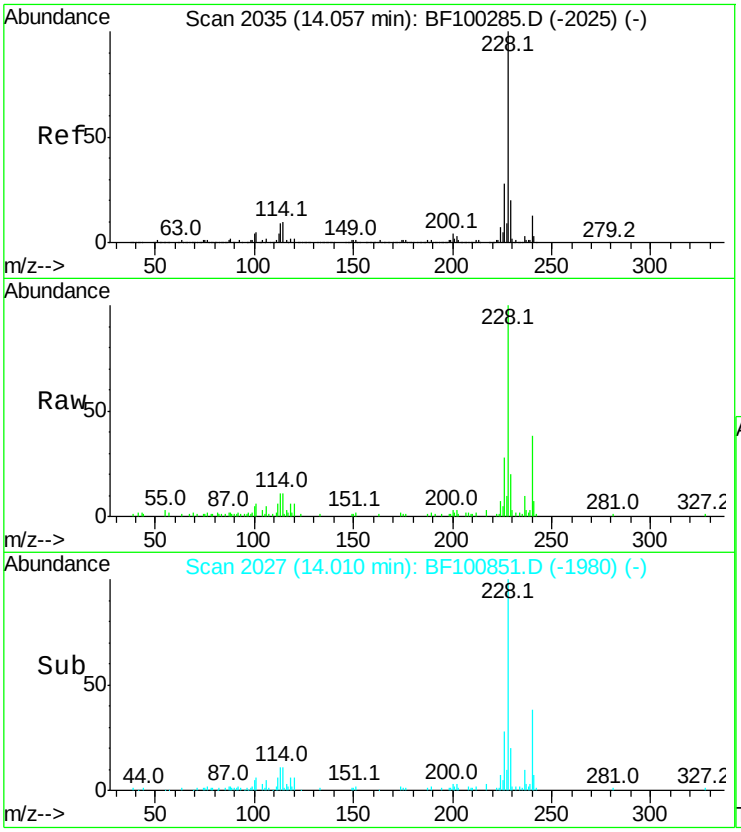


#78
Terphenyl-d14
Concen: 14.739 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:244 Resp: 92845

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.9	11.0	16.4#

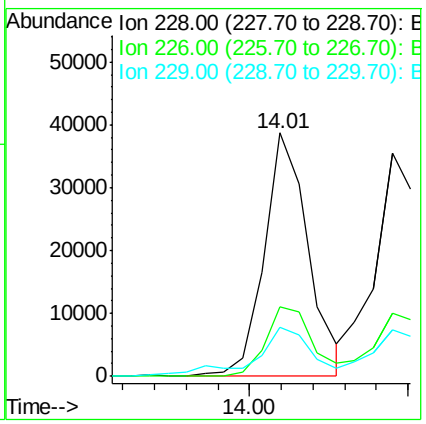




#80
Benzo(a)anthracene
Concen: 4.294 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:228 Resp: 37428

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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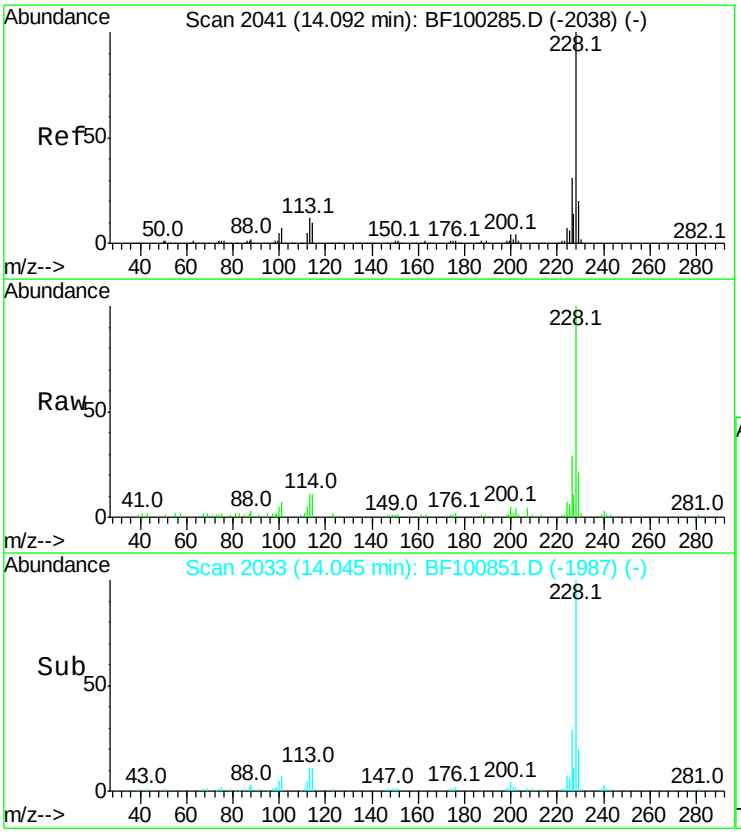
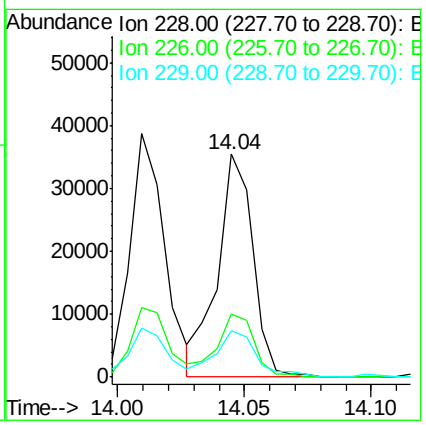
11/27/2017 3:20:59 PM

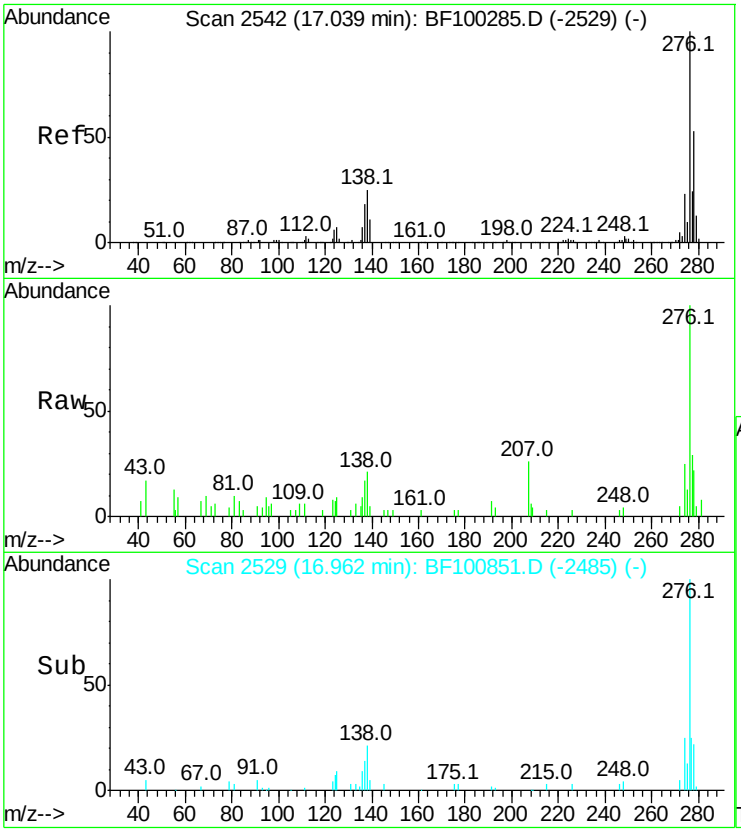


#82
Chrysene
Concen: 4.077 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:228 Resp: 34407

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	21.1	16.2	24.4

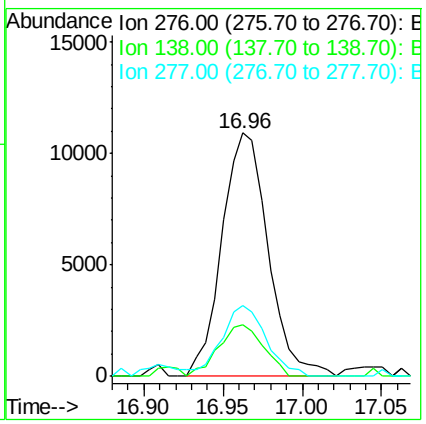




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.233 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:276 Resp: 22073

Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	27.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

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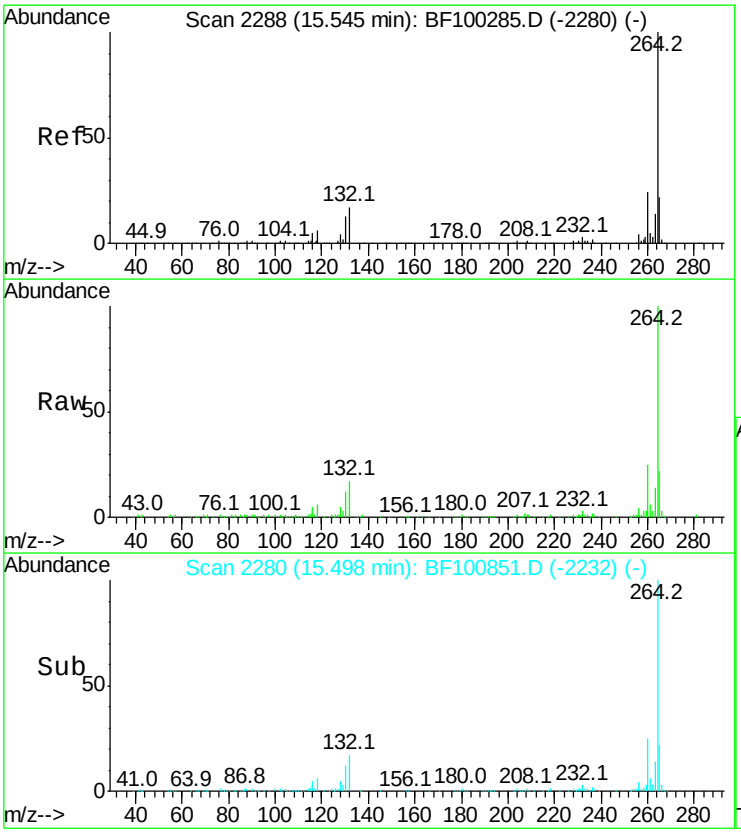
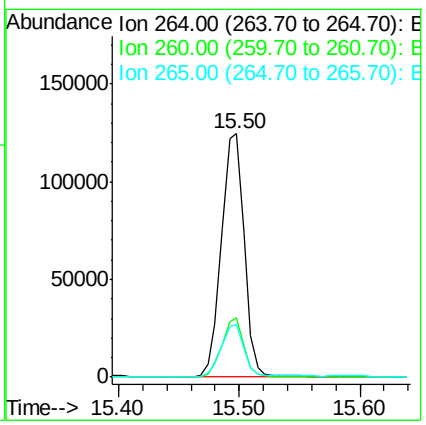
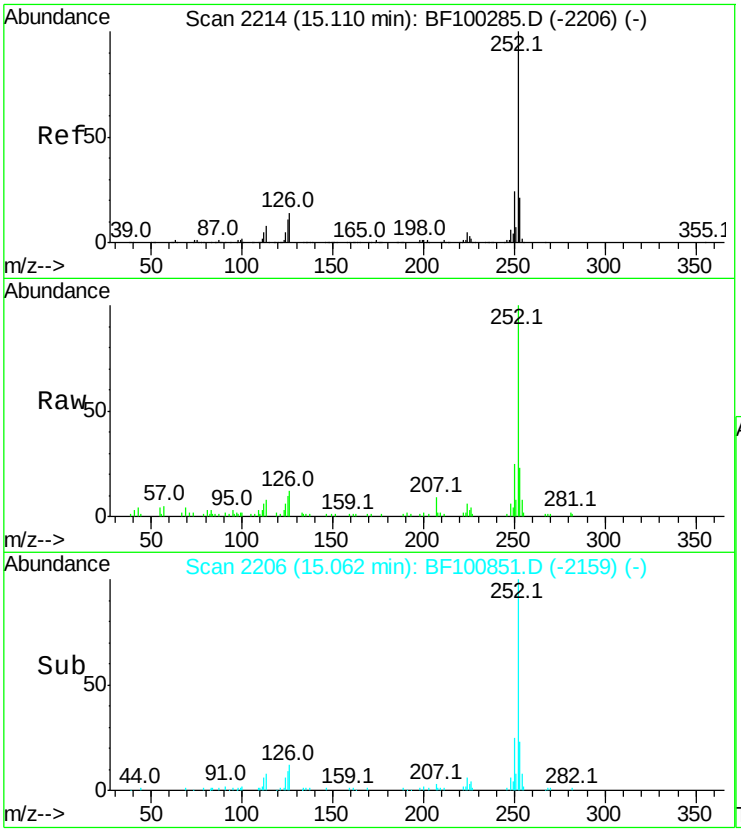


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:264 Resp: 164060

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	17.5	26.3

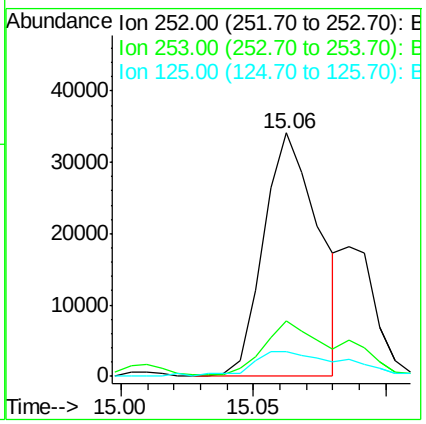




#87
Benzo(b)fluoranthene
Concen: 5.171 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:252 Resp: 50261

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
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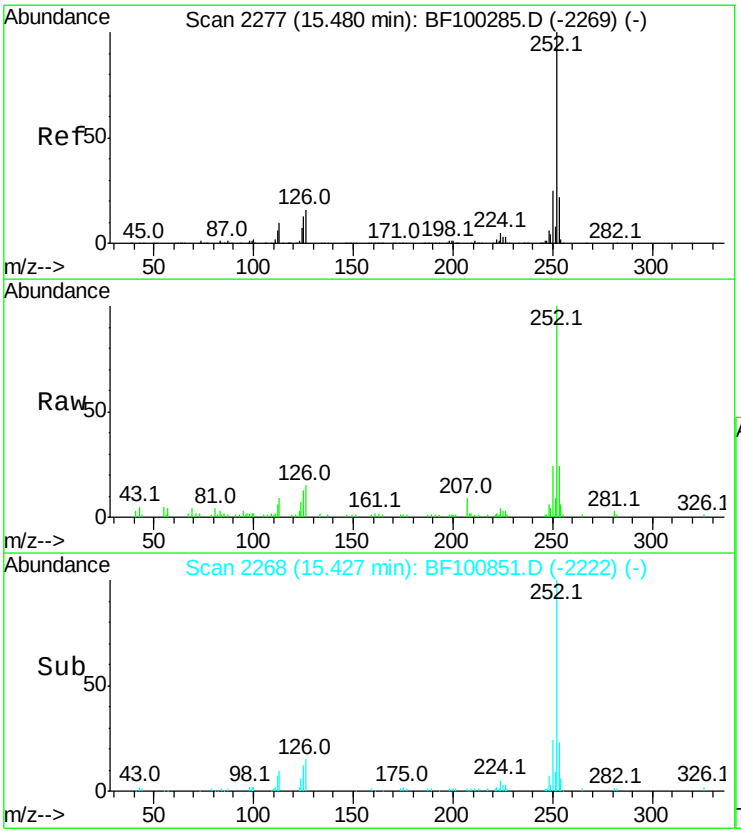
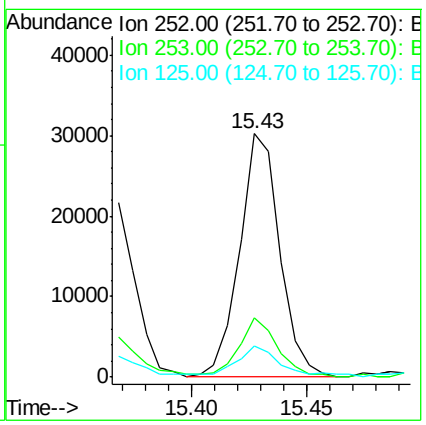
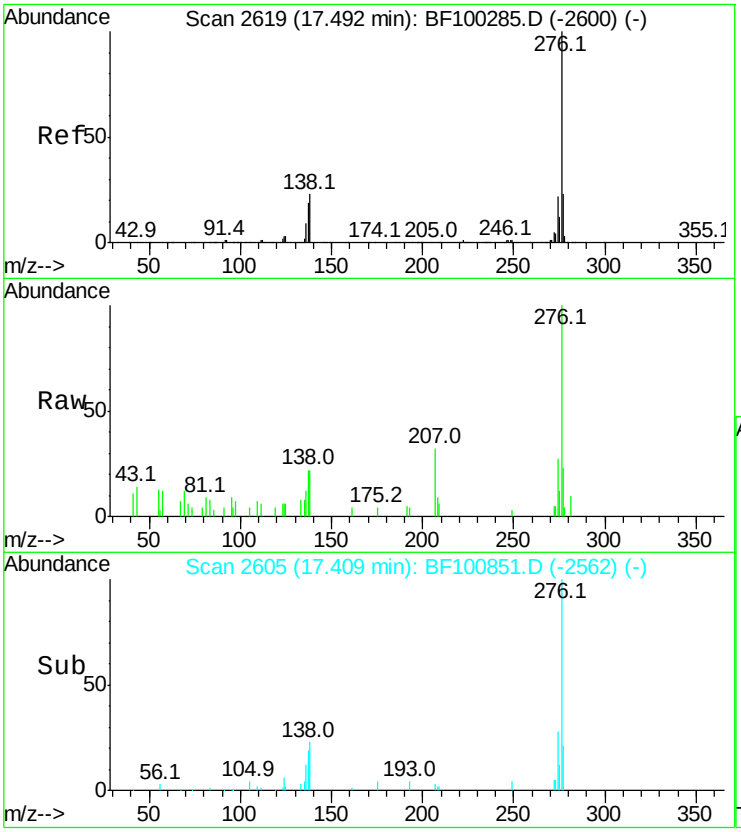


#89
Benzo(a)pyrene
Concen: 4.263 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:252 Resp: 36731

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.0	9.8	14.6

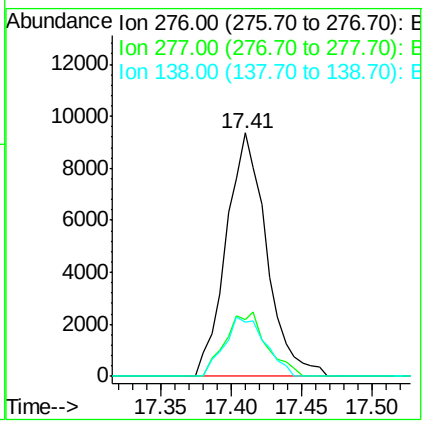




#91
Benzo(g,h,i)perylene
Concen: 2.713 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.05 min
Lab File: BF100851.D
Acq: 23 Nov 2017 3:54

Tgt Ion:276 Resp: 18714

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	22.1	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SAU-2-E(0-1)

Manual Integrations APPROVED
Sohil
11/27/2017 3:20:59 PM