Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100511.D
Acq On : 13 Nov 2017 19:34
Operator : SJ/JU
Sample : I6301-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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11/14/2017 5:20:32 PM

Quant Time: Nov 14 02:57:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	73965	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	267212	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	109454	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	171645	20.00	ng	0.00
75) Chrysene-d12	14.05	240	158232	20.00	ng	0.00
86) Perylene-d12	15.53	264	115617	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	110562	23.96	ng	0.00
7) Phenol-d6	6.50	99	129501	22.76	ng	-0.01
23) Nitrobenzene-d5	7.45	82	73194	18.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	25389	22.76	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	141281	19.65	ng	0.00
78) Terphenyl-d14	12.99	244	99416	14.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	27555	3.297	ng	# 95
70) Phenanthrene	11.44	178	37885	4.192	ng	95
74) Fluoranthene	12.63	202	73207	7.643	ng	95
77) Pyrene	12.86	202	66593	5.904	ng	98
80) Benzo(a)anthracene	14.04	228	32737	3.436	ng	95
82) Chrysene	14.08	228	30985	3.358	ng	95
87) Benzo(b)fluoranthene	15.10	252	30204m	4.410	ng	
89) Benzo(a)pyrene	15.47	252	19788	3.259	ng	# 95
91) Benzo(g,h,i)perylene	17.47	276	11404	2.346	ng	# 88

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100511.D
Acq On : 13 Nov 2017 19:34
Operator : SJ/JU
Sample : I6301-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 14 02:57:26 2017
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Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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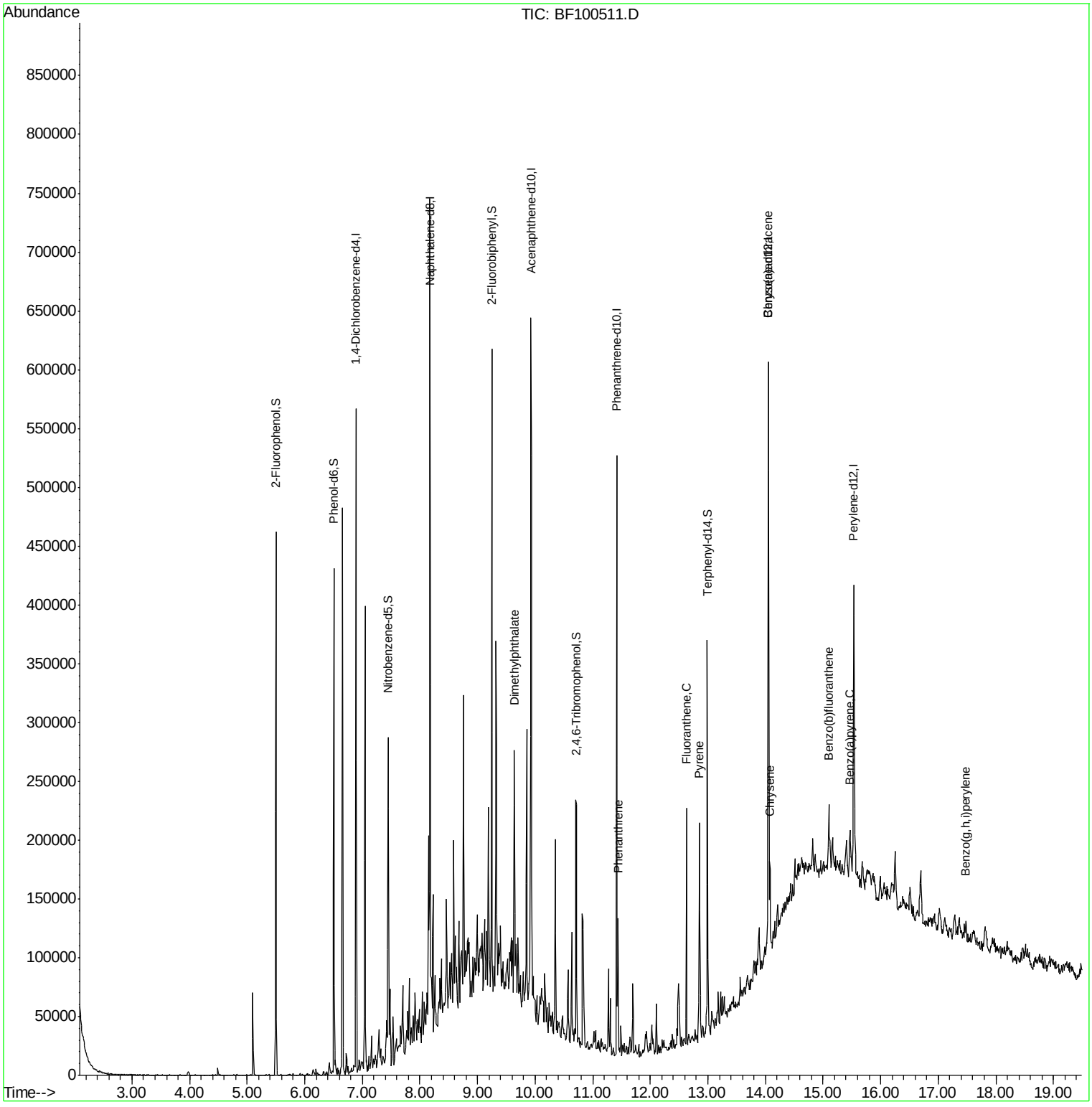
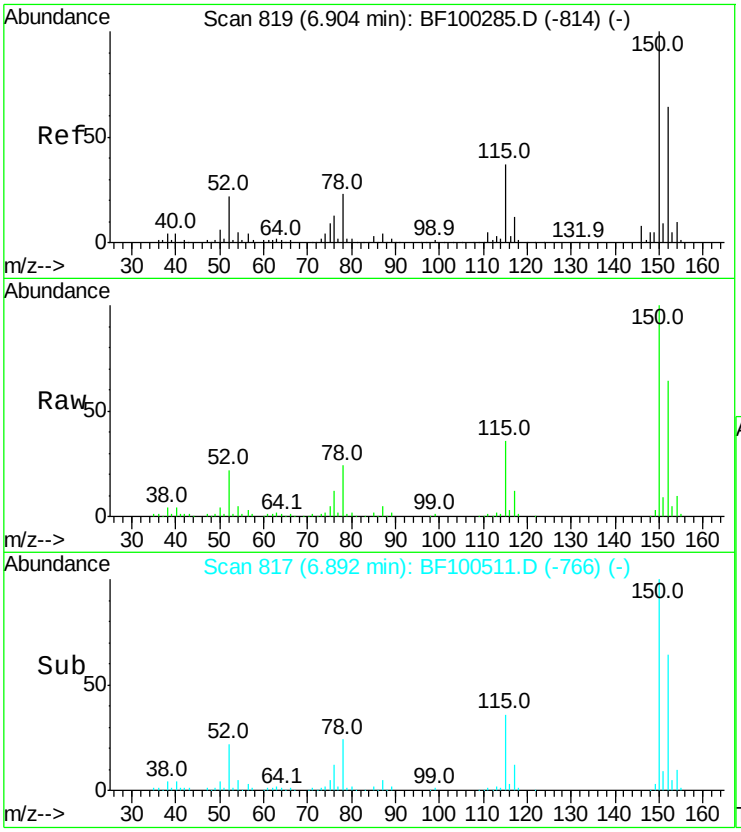
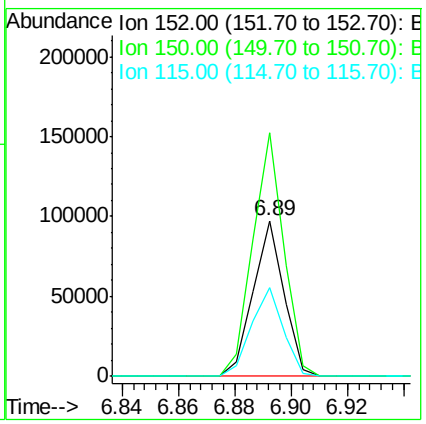




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:152 Resp: 73965

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	56.9	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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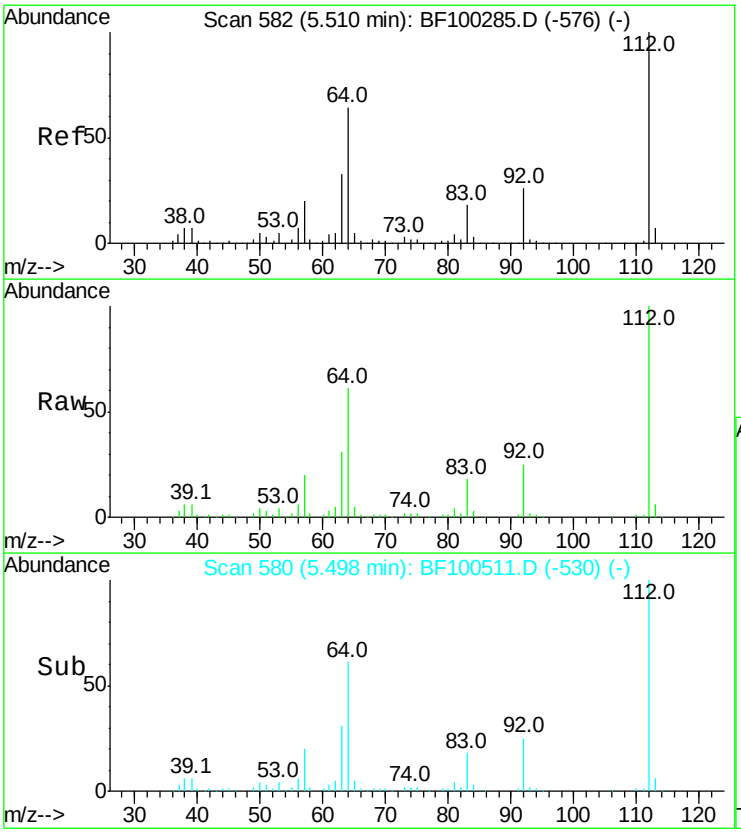
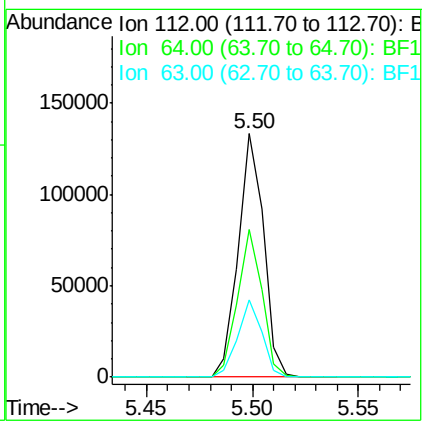
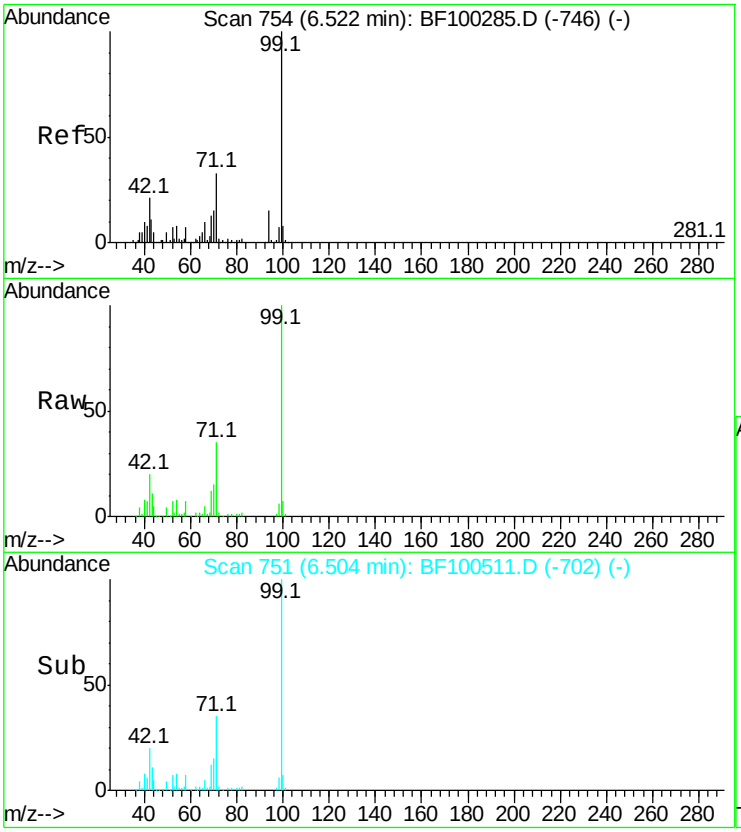


#5
2-Fluorophenol
Concen: 23.961 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:112 Resp: 110562

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.5	23.7	35.5

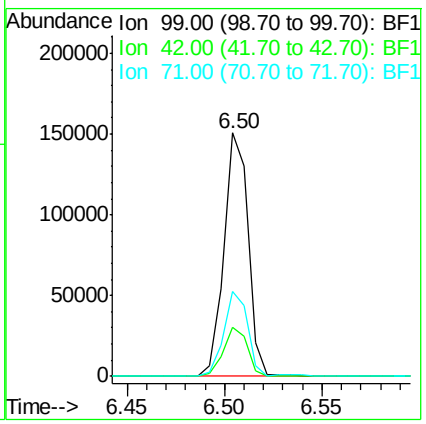




#7
Phenol-d6
Concen: 22.760 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion: 99 Resp: 129501

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	35.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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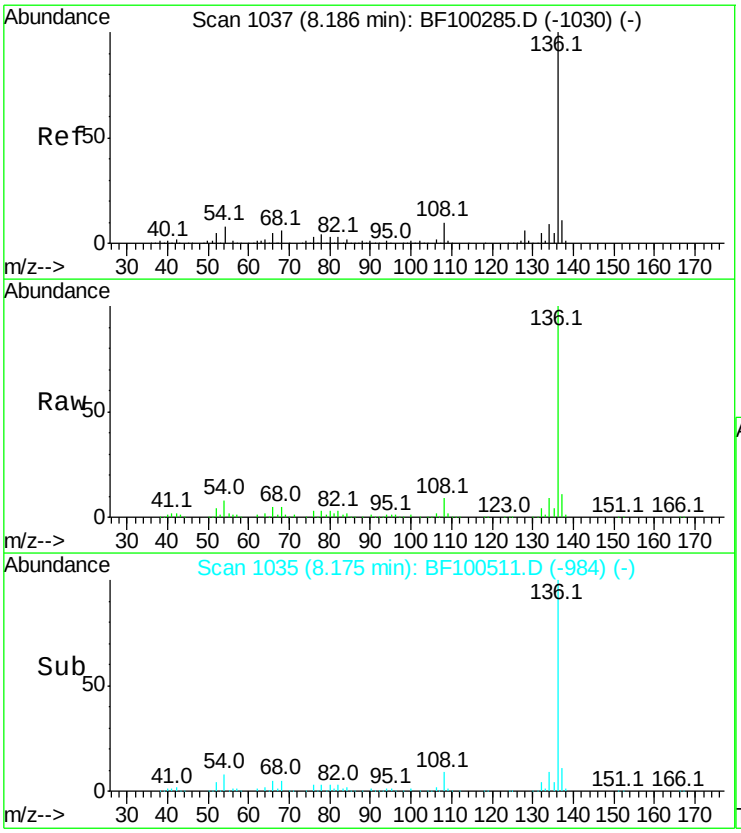
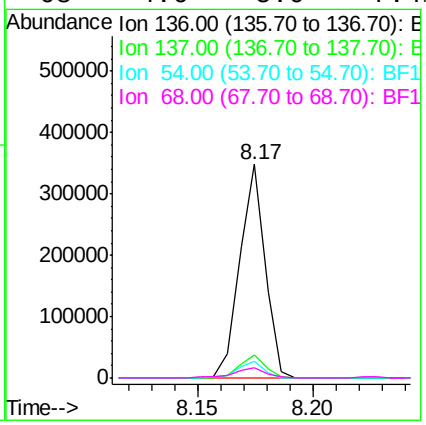
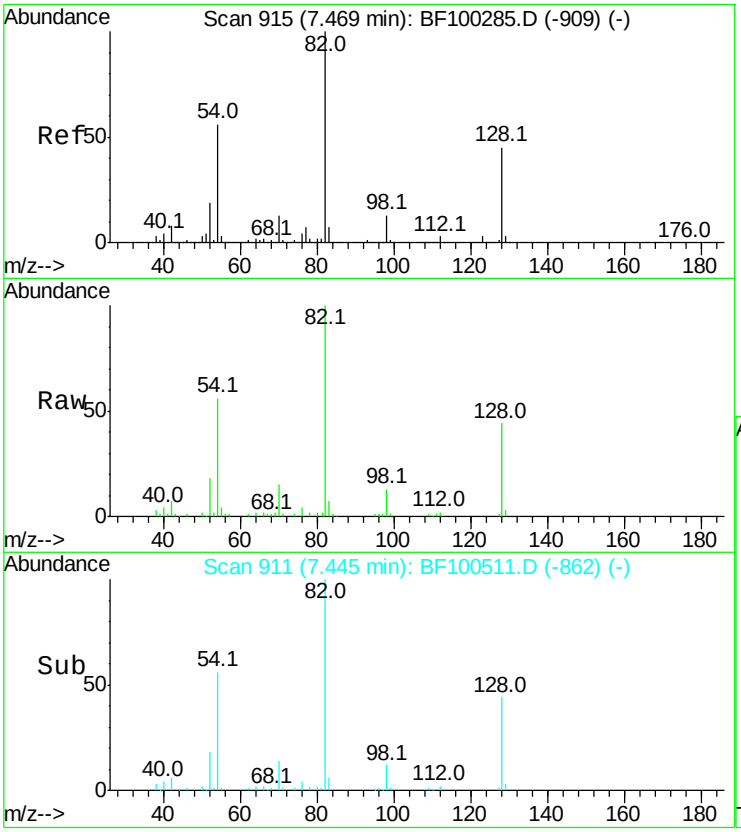


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:136 Resp: 267212

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	4.6	5.0	7.4#

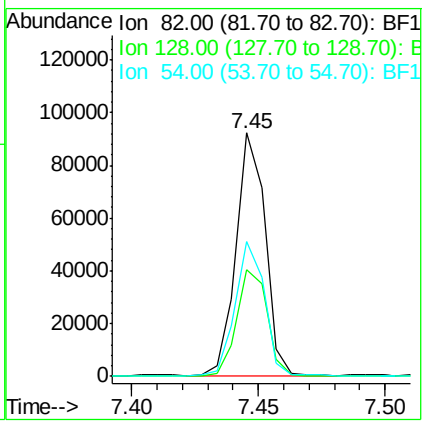




#23
Nitrobenzene-d5
Concen: 18.110 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion: 82 Resp: 73194

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	55.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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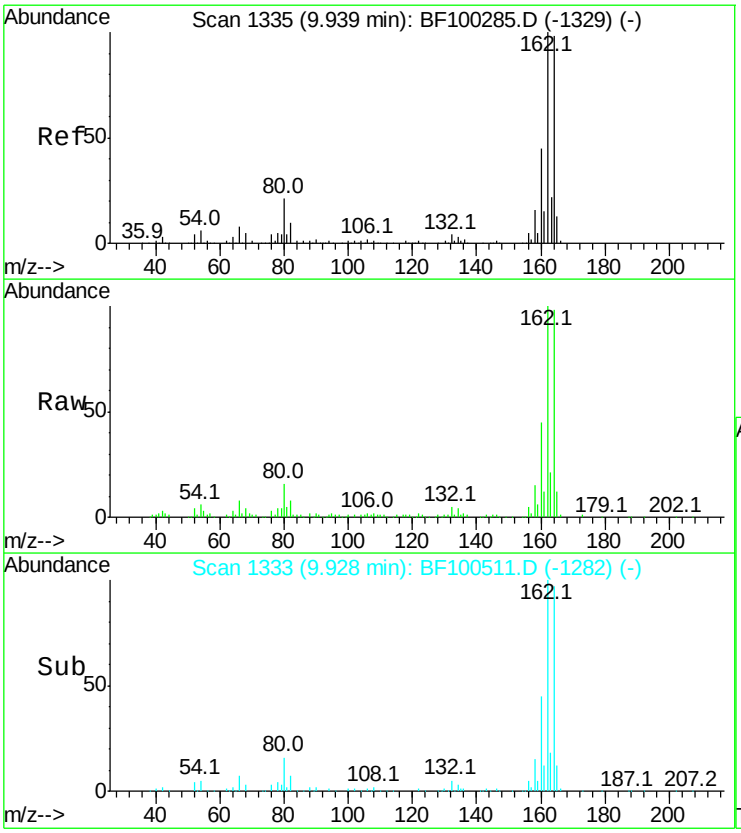
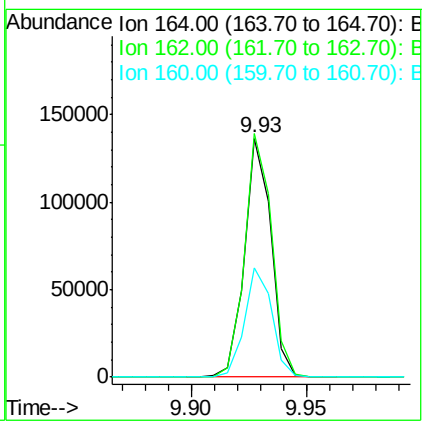
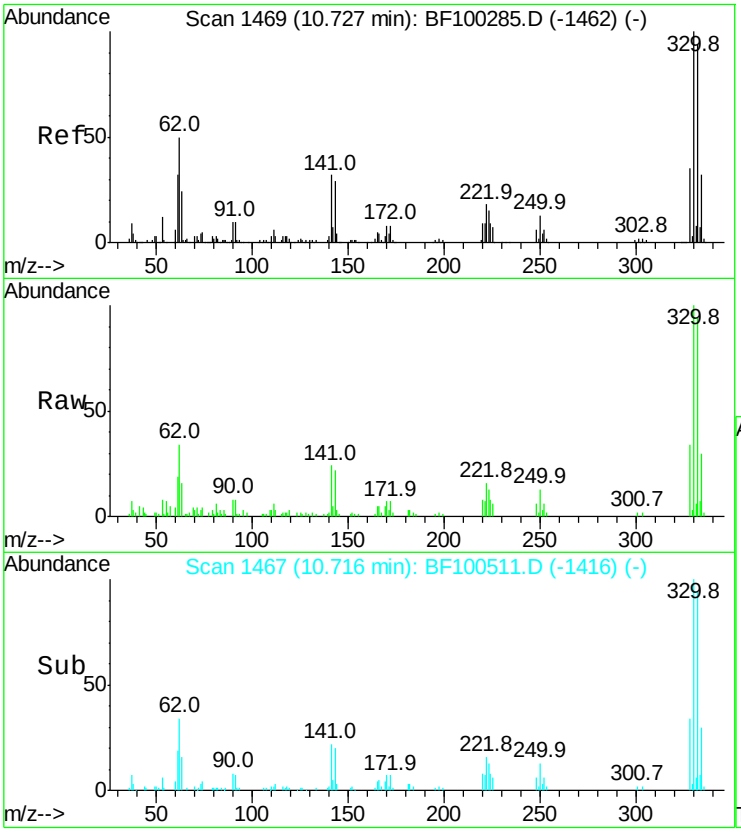


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:164 Resp: 109454

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.6	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 22.764 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:330 Resp: 25389

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	34.0	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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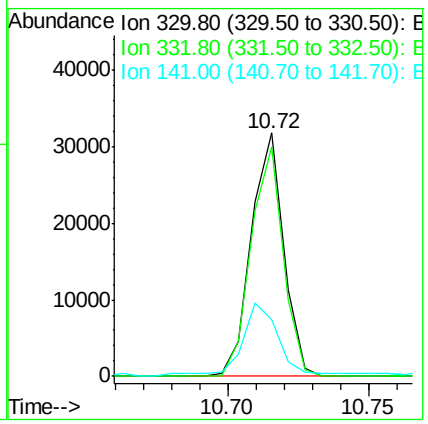
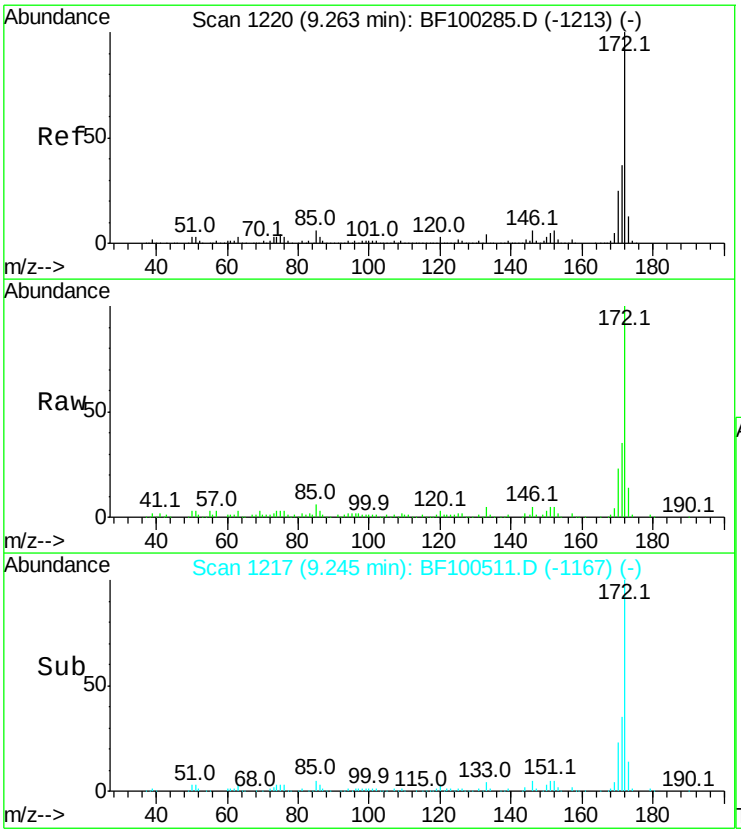
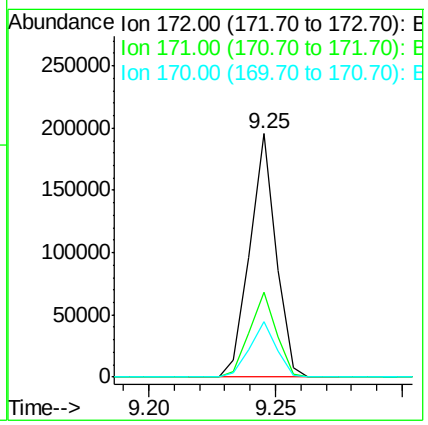


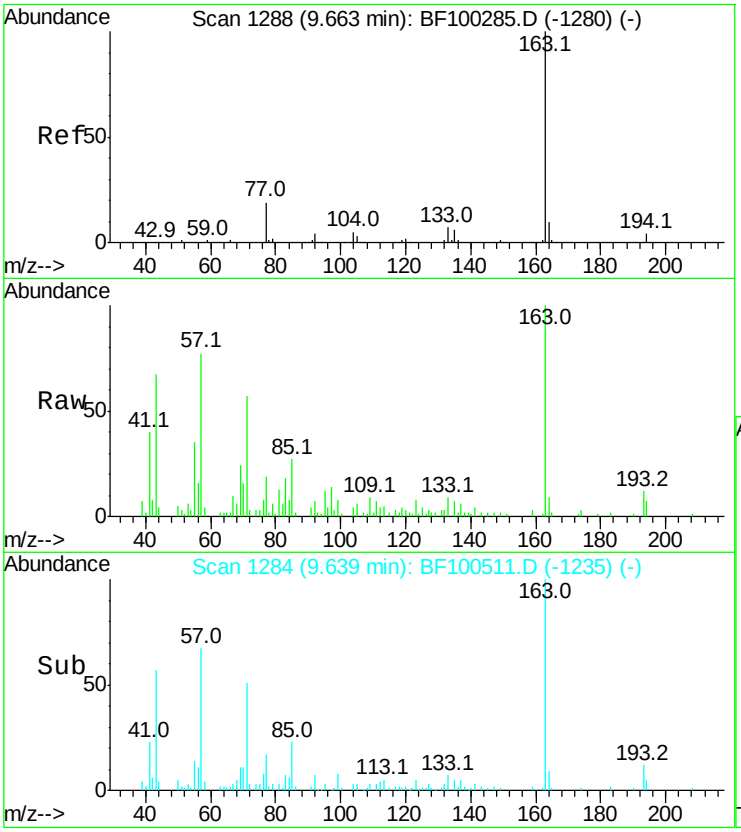


#44
2-Fluorobiphenyl
Concen: 19.655 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:172 Resp: 141281

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.8	19.6	29.4





#49
Dimethylphthalate
Concen: 3.297 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:163 Resp: 27555

Ion	Ratio	Lower	Upper
163	100		
194	6.8	2.7	4.1#
164	9.2	8.2	12.2

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

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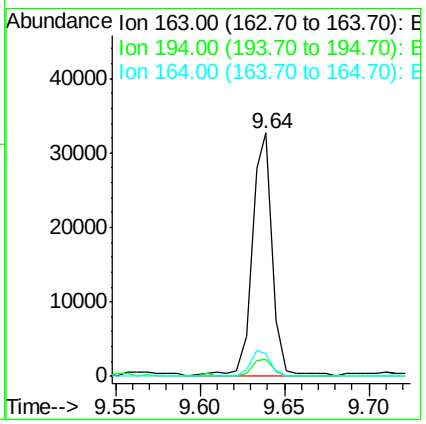
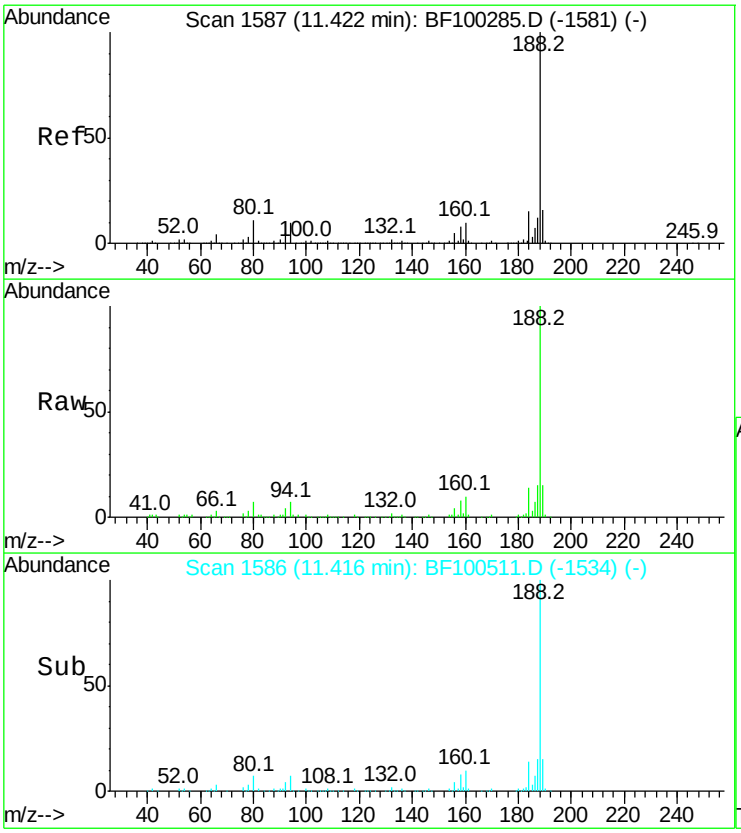
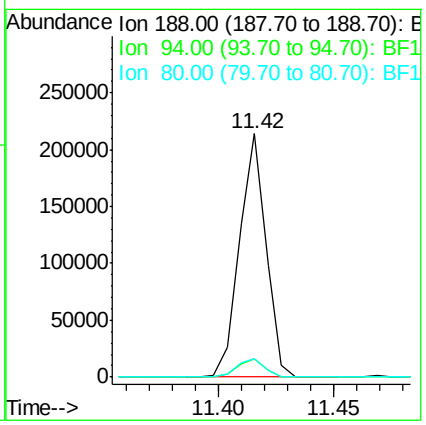


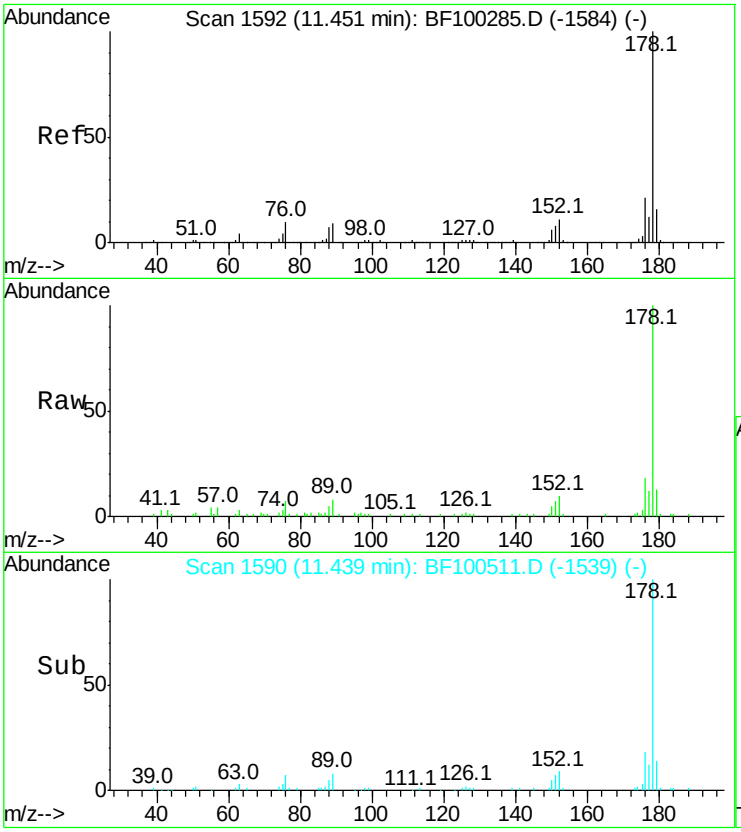


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:188 Resp: 171645

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

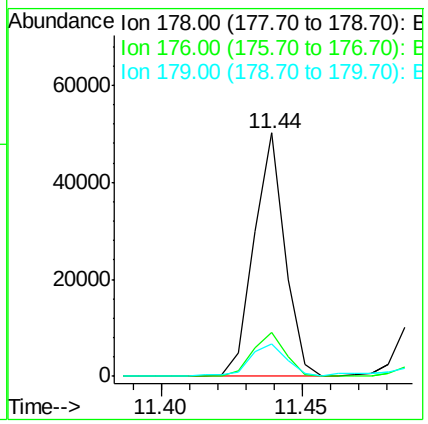




#70
Phenanthrene
Concen: 4.192 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:178 Resp: 37885

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	13.4	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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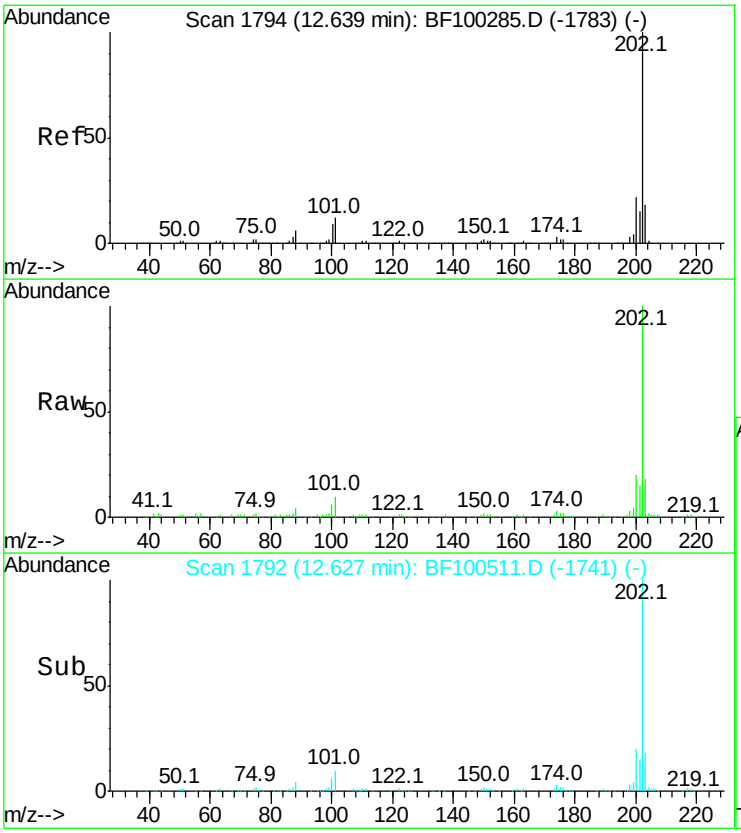
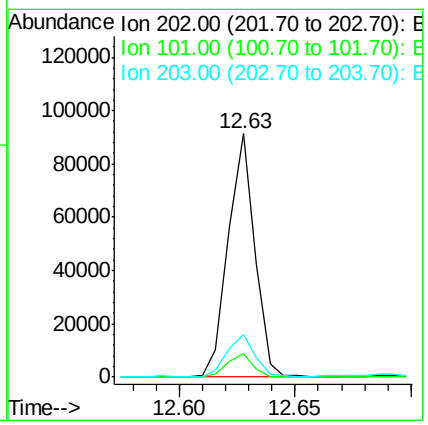
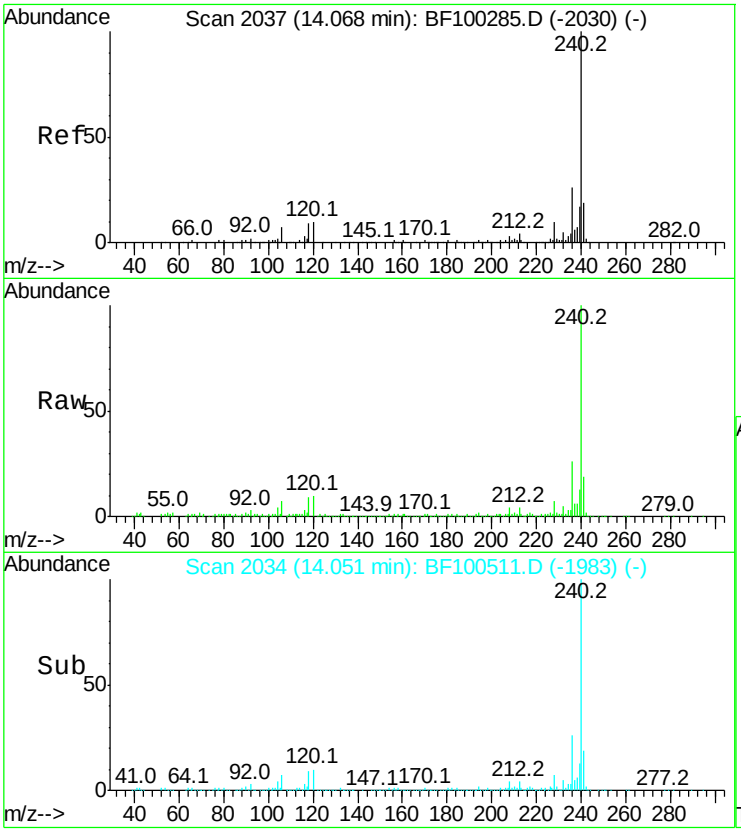


#74
Fluoranthene
Concen: 7.643 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:202 Resp: 73207

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.7	0.0	38.1

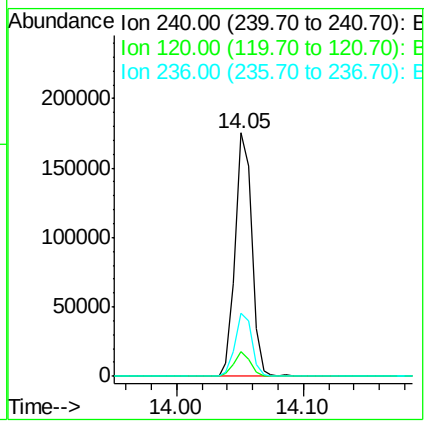




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:240 Resp: 158232

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.9	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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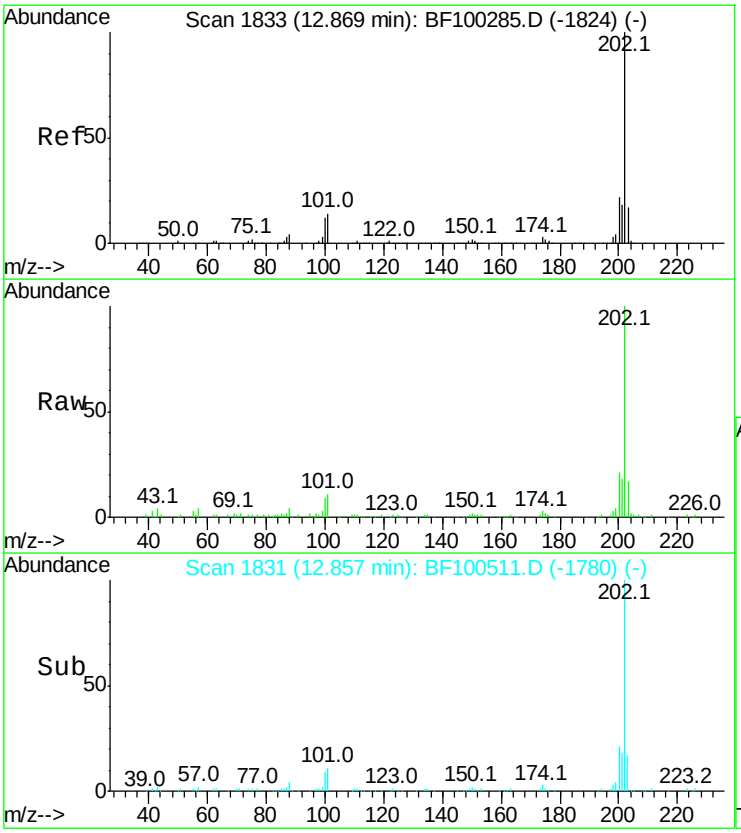
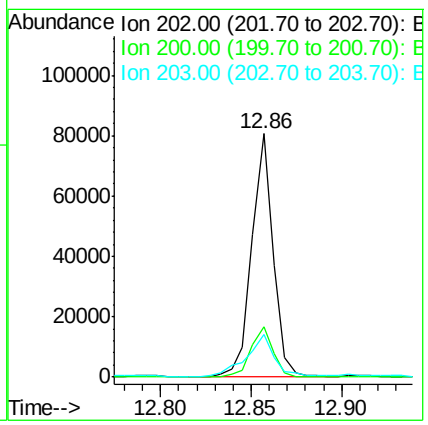
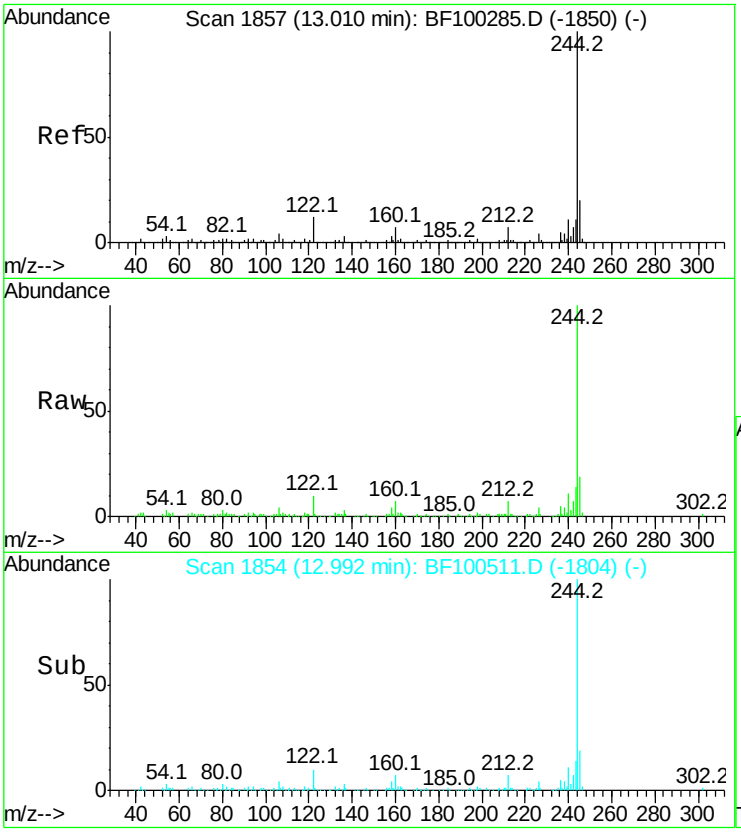


#77
Pyrene
Concen: 5.904 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:202 Resp: 66593

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.3	14.3	21.5

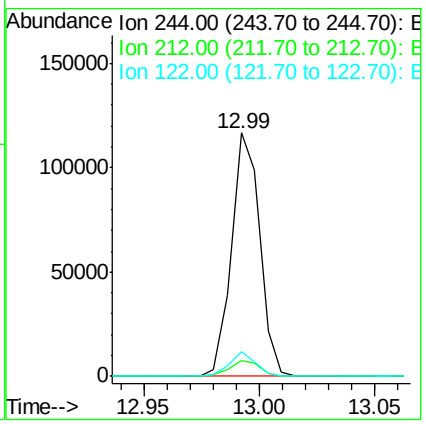




#78
Terphenyl-d14
Concen: 14.436 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

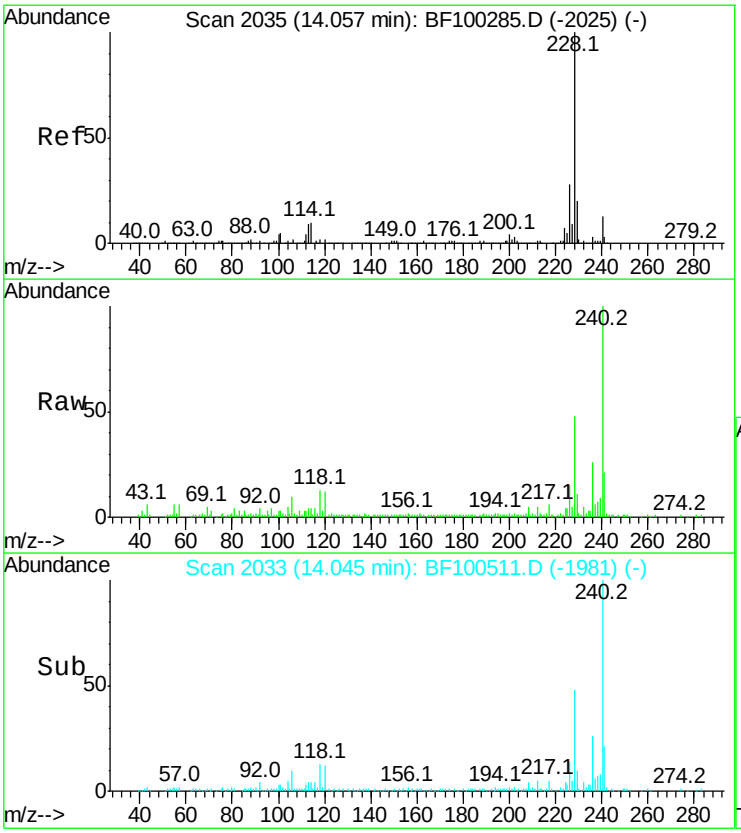
Tgt Ion:244 Resp: 99416

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.3	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

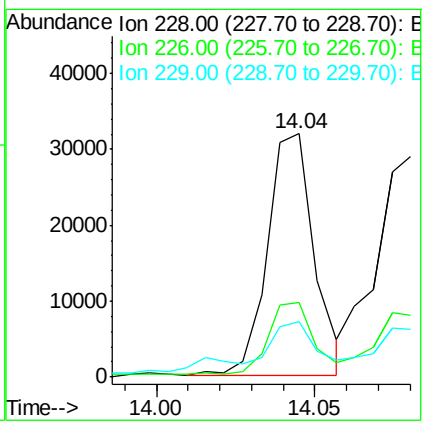
Manual Integrations APPROVED
SOHIL
11/14/2017 5:20:32 PM

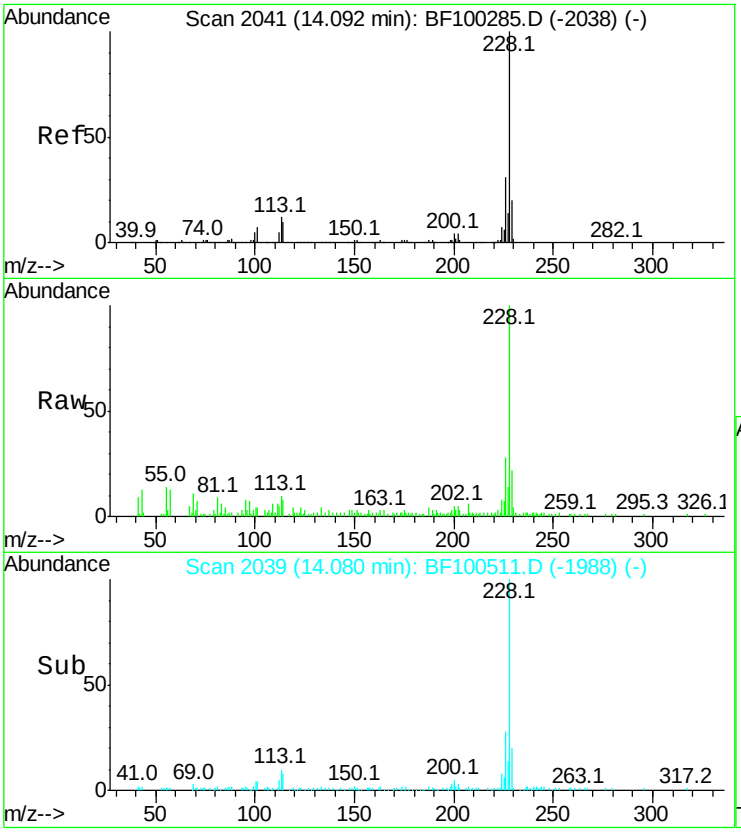


#80
Benzo(a)anthracene
Concen: 3.436 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:228 Resp: 32737

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.9	15.8	23.6

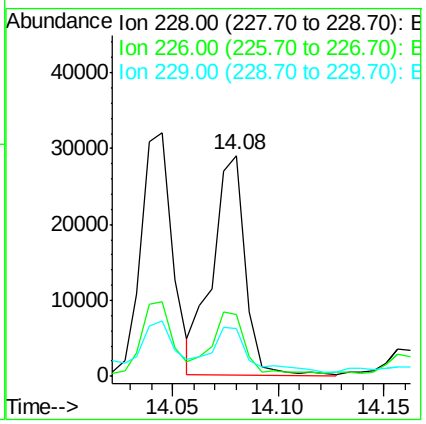




#82
Chrysene
Concen: 3.358 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:228 Resp: 30985

Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	21.6	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

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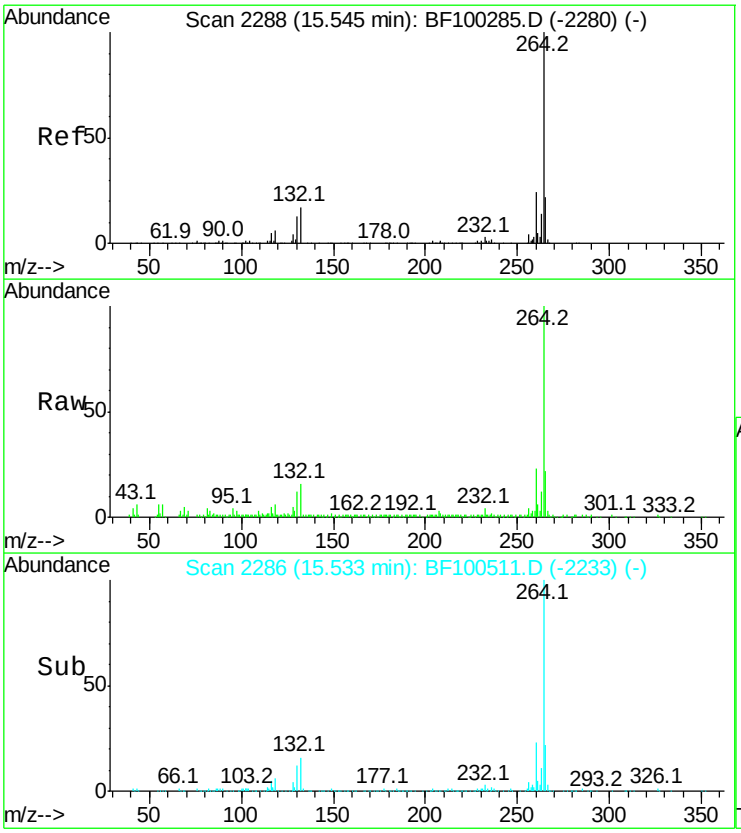
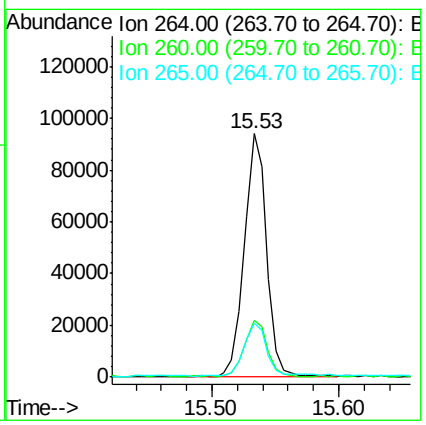
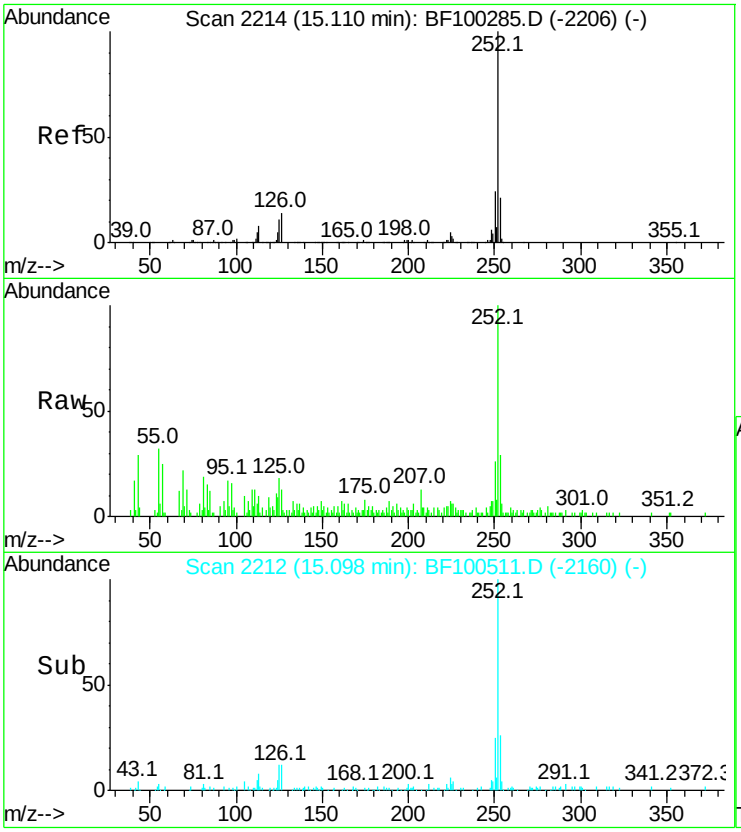


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:264 Resp: 115617

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 4.410 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:252 Resp: 30204

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.0	25.6#
125	18.3	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

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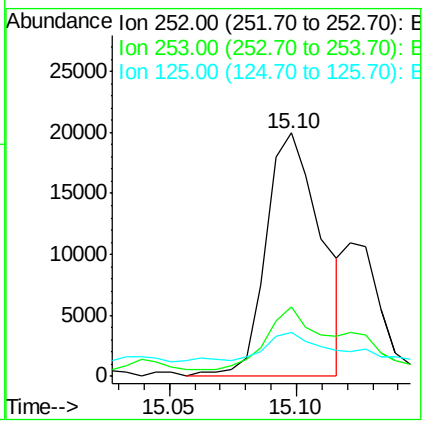
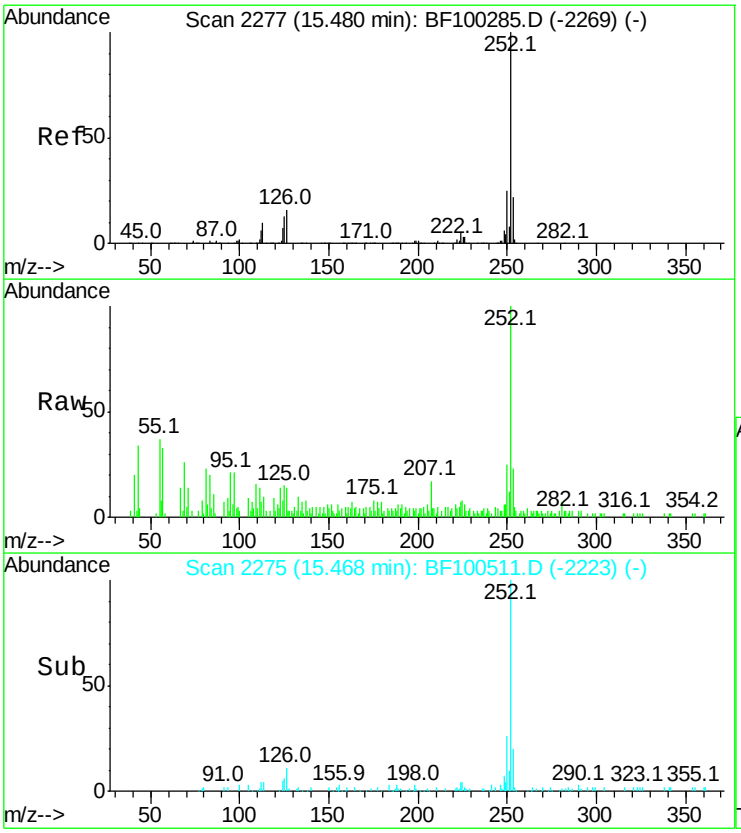
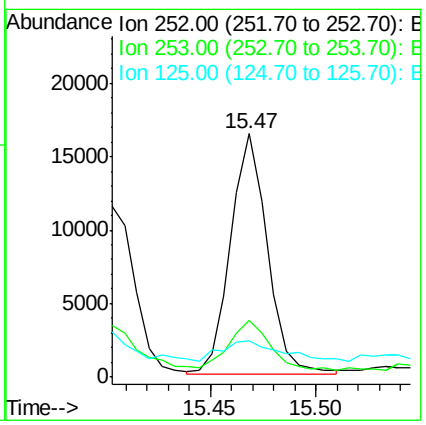


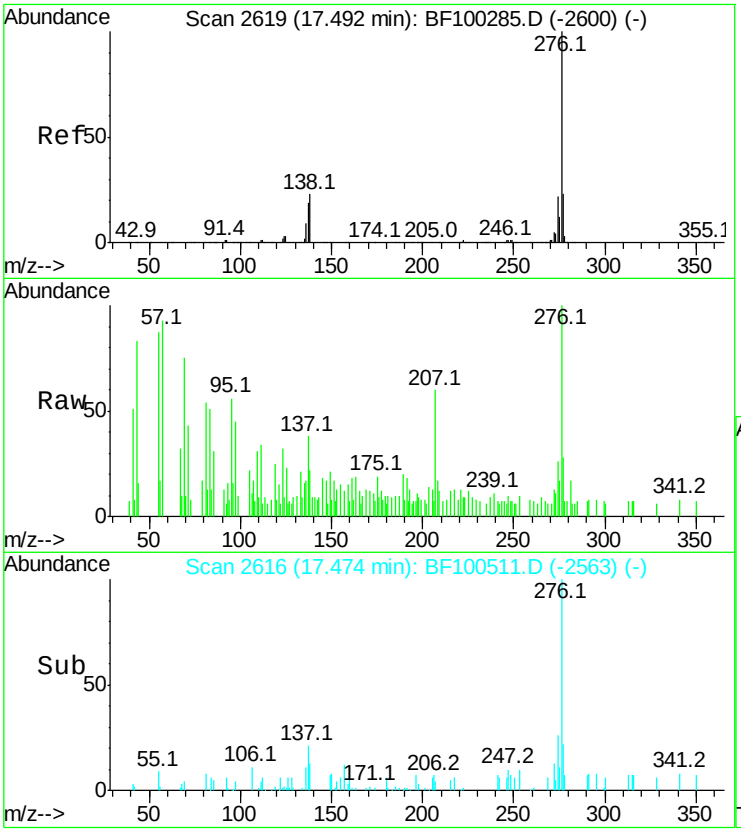


#89
Benzo(a)pyrene
Concen: 3.259 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:252 Resp: 19788

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.7	9.8	14.6#

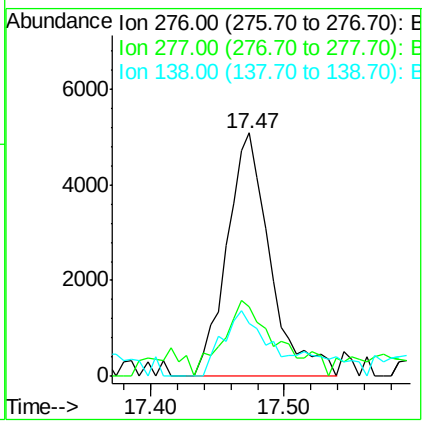




#91
Benzo(g,h,i)perylene
Concen: 2.346 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.01 min
Lab File: BF100511.D
Acq: 13 Nov 2017 19:34

Tgt Ion:276 Resp: 11404

Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	21.6	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations APPROVED
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