Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102195.D
Acq On : 18 Jan 2018 16:58
Operator : SJ/JU
Sample : J1168-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

Quant Time: Jan 19 00:50:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

1/19/2018 9:47:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154852	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	623454	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	269597	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	432036	20.00	ng		0.00
75) Chrysene-d12	13.87	240	282756	20.00	ng		0.00
86) Perylene-d12	15.29	264	257638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	940540	85.77	ng		0.00
7) Phenol-d6	6.36	99	1103909	84.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	690602	65.09	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	218815	93.00	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1149504	66.61	ng		0.00
78) Terphenyl-d14	12.82	244	849247	62.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	49306	3.335	ng		95
49) Dimethylphthalate	9.47	163	178234	8.241	ng		99
70) Phenanthrene	11.26	178	146467	5.804	ng		97
74) Fluoranthene	12.45	202	185467	7.470	ng		93
77) Pyrene	12.67	202	162992	6.521	ng		98
80) Benzo(a)anthracene	13.86	228	68790	3.813	ng		96
82) Chrysene	13.89	228	68878	3.661	ng		95
83) Bis(2-ethylhexyl)phthalate	13.85	149	51545	3.917	ng		98
85) Indeno(1,2,3-cd)pyrene	16.65	276	31258	2.283	ng		95
87) Benzo(b)fluoranthene	14.88	252	73994m	4.405	ng		
89) Benzo(a)pyrene	15.22	252	52423	3.468	ng		98
91) Benzo(g,h,i)perylene	17.07	276	33480	2.755	ng	#	95

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

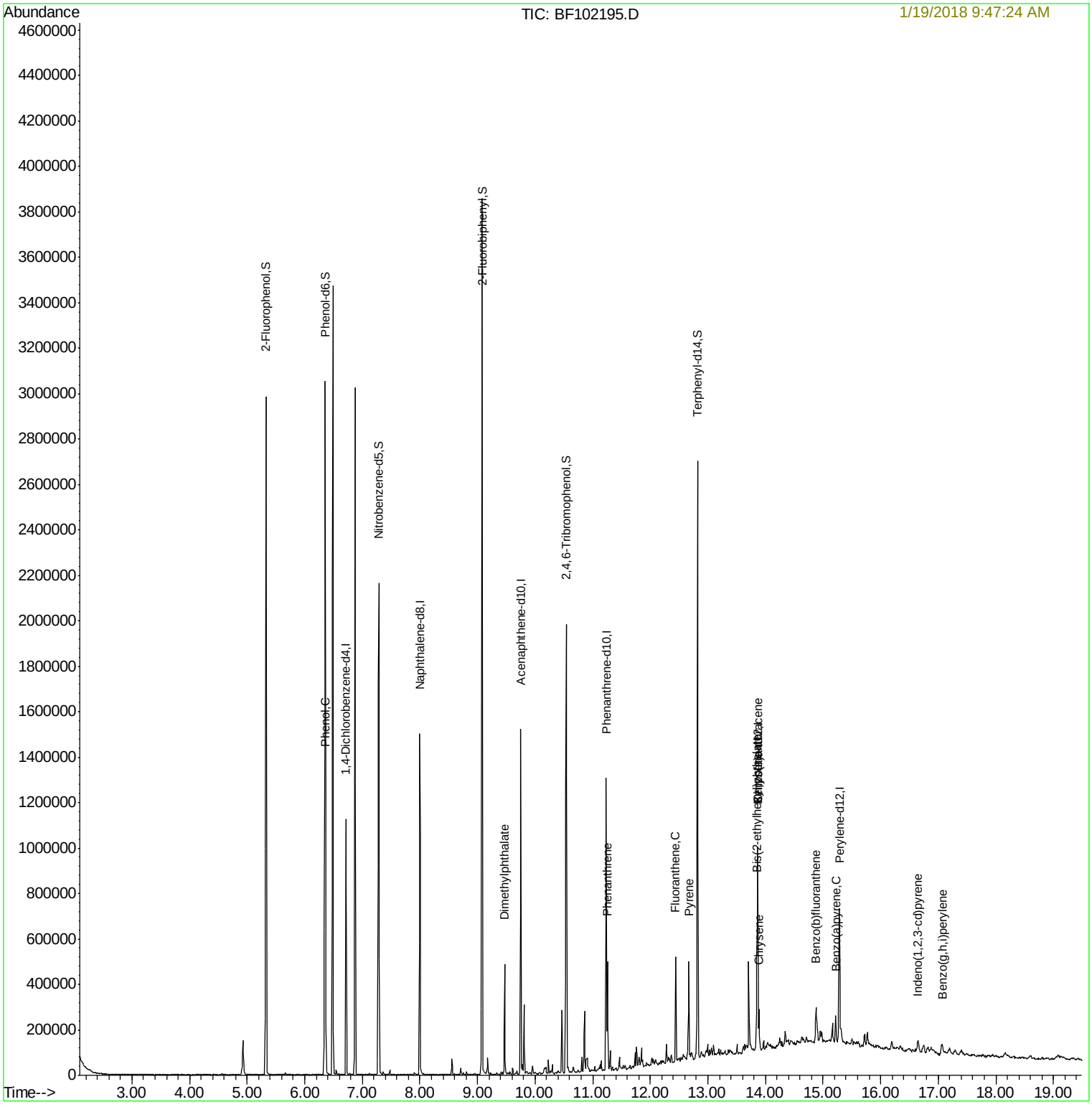
Quantitation Report (QT Reviewed)

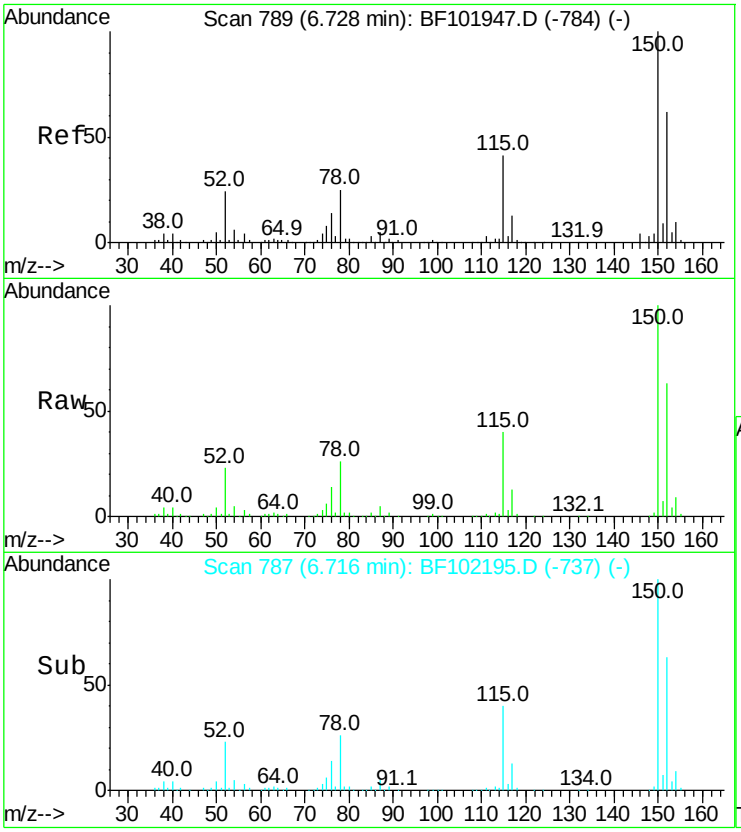
Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102195.D
Acq On : 18 Jan 2018 16:58
Operator : SJ/JU
Sample : J1168-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 19 00:50:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

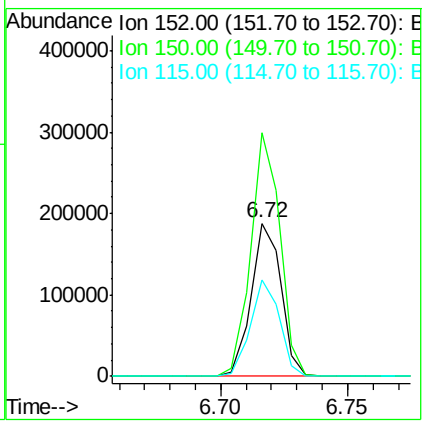




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:152 Resp: 154852

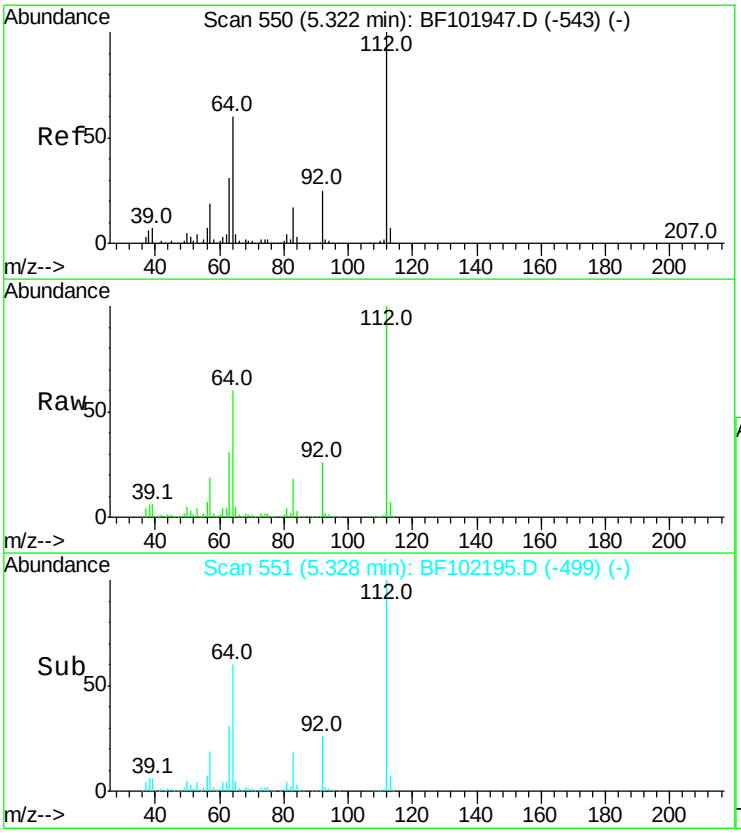
Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	62.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

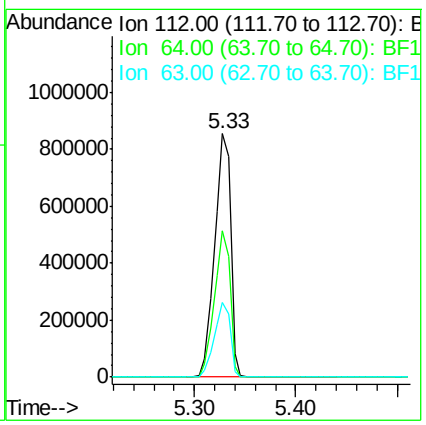
1/19/2018 9:47:24 AM

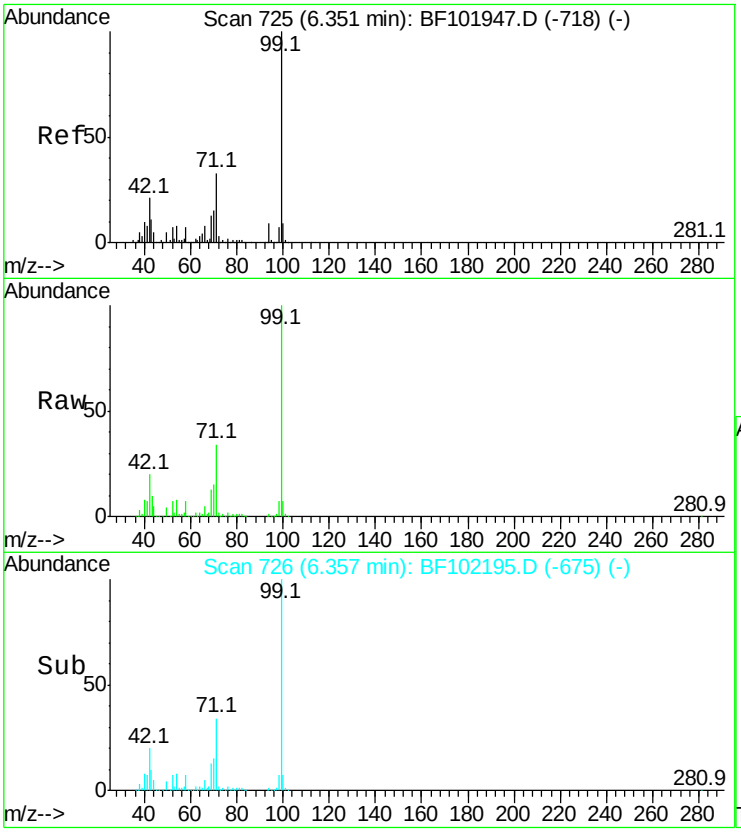


#5
2-Fluorophenol
Concen: 85.767 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:112 Resp: 940540

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.6	23.7	35.5

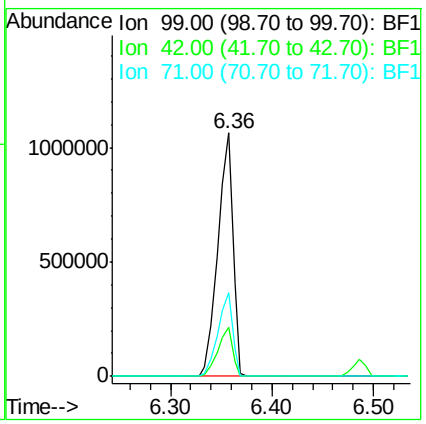




#7
Phenol-d6
Concen: 84.372 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion: 99 Resp: 1103909

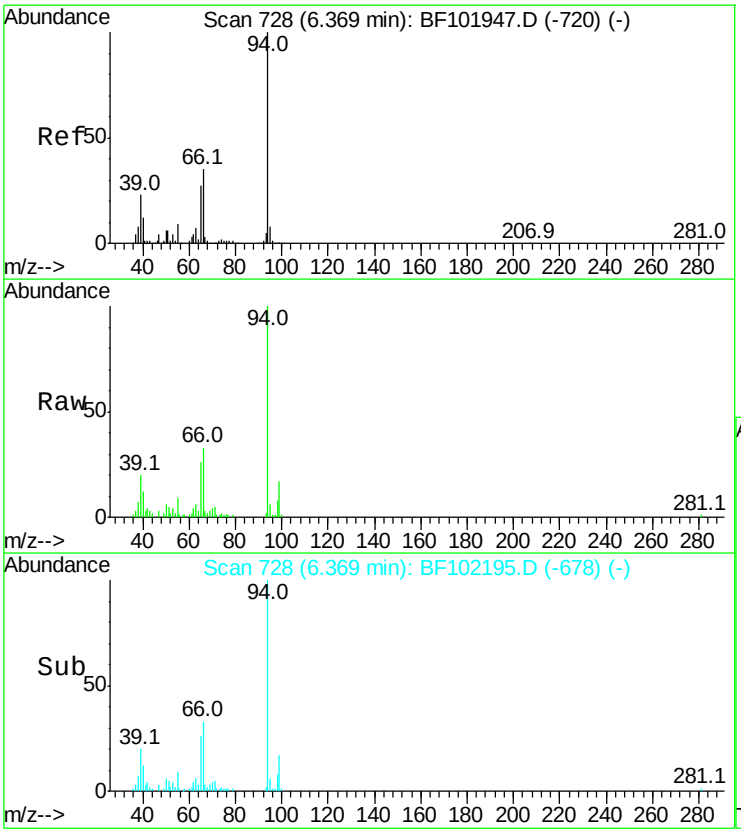
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	34.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

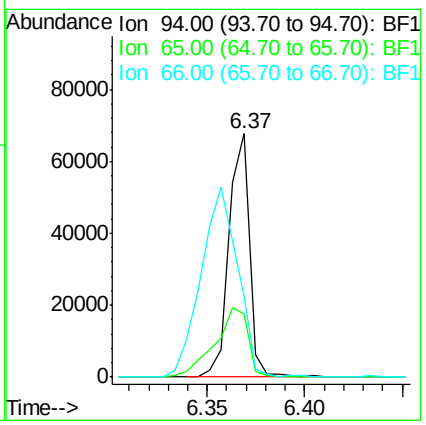
1/19/2018 9:47:24 AM

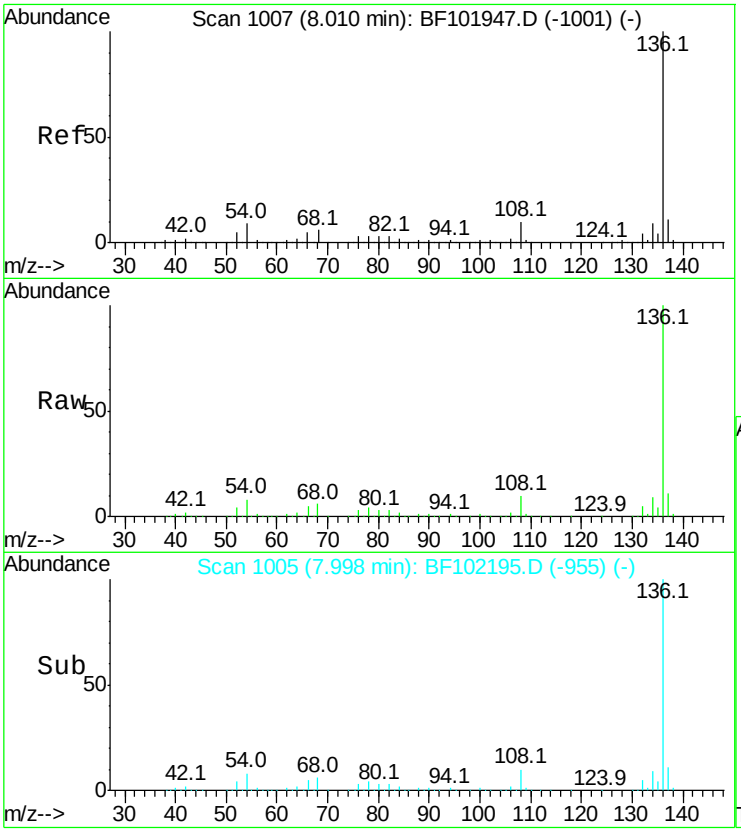


#10
Phenol
Concen: 3.335 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion: 94 Resp: 49306

Ion	Ratio	Lower	Upper
94	100		
65	25.8	7.9	47.9
66	33.3	16.2	56.2

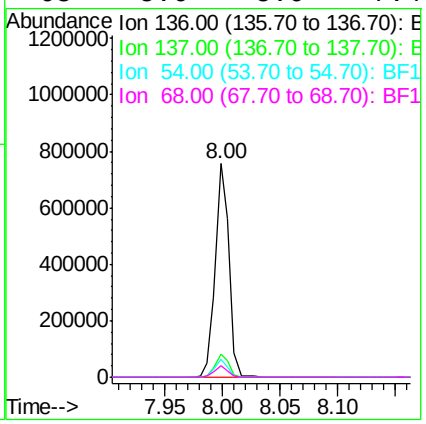




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:136 Resp: 623454

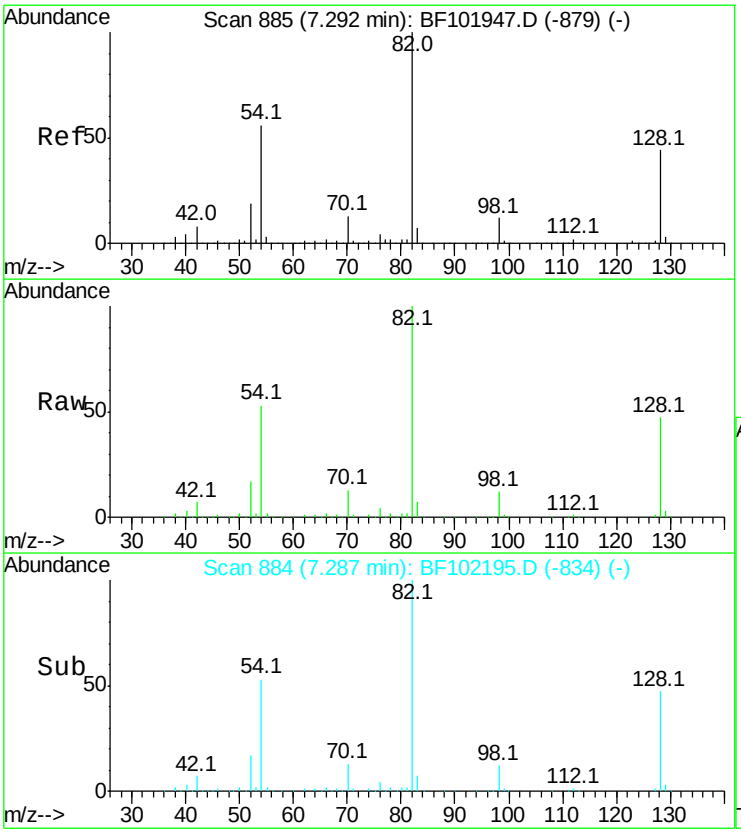
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	5.6	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

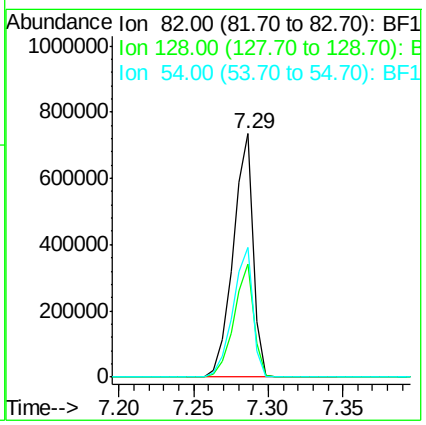
1/19/2018 9:47:24 AM

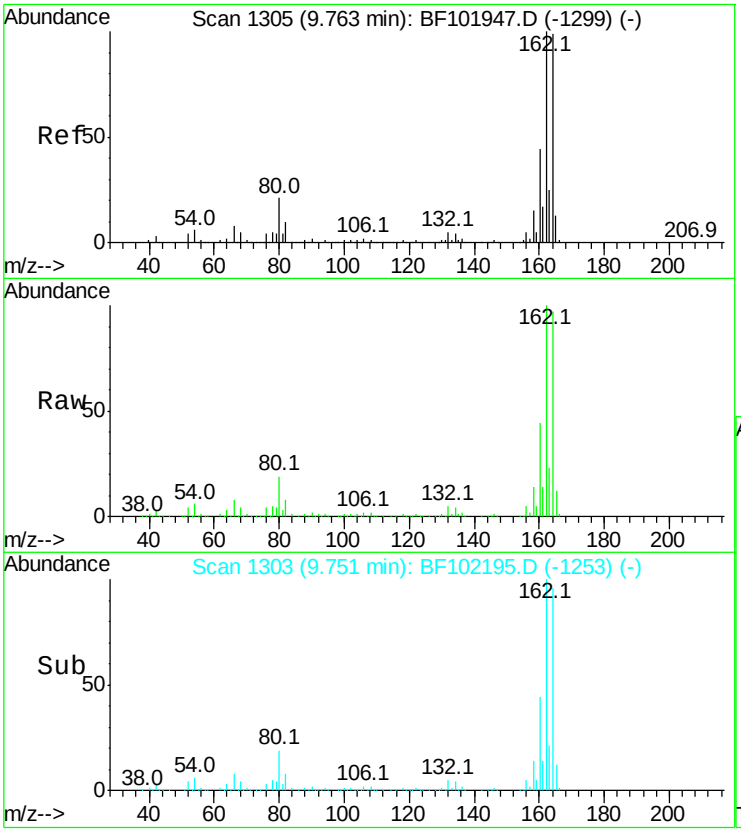


#23
Nitrobenzene-d5
Concen: 65.093 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion: 82 Resp: 690602

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.0	41.4	62.2

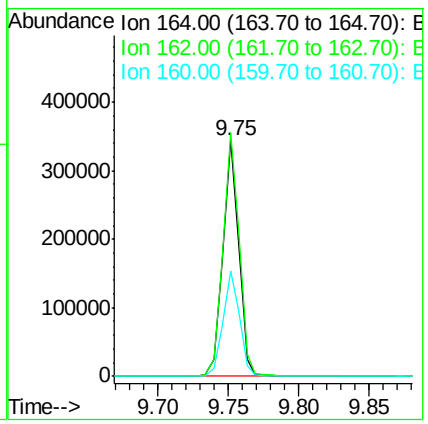




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:164 Resp: 269597

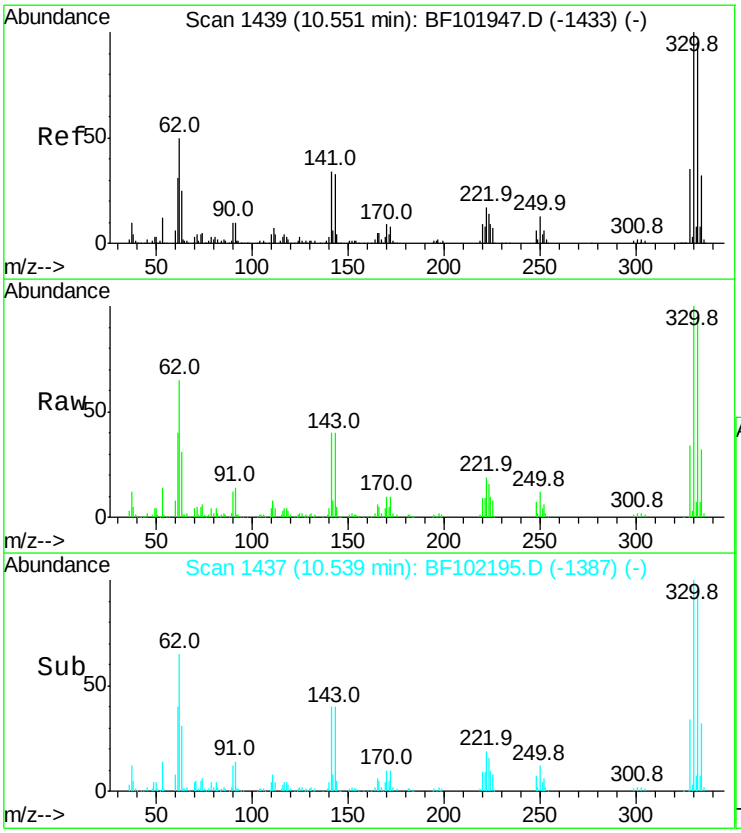
Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.0	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

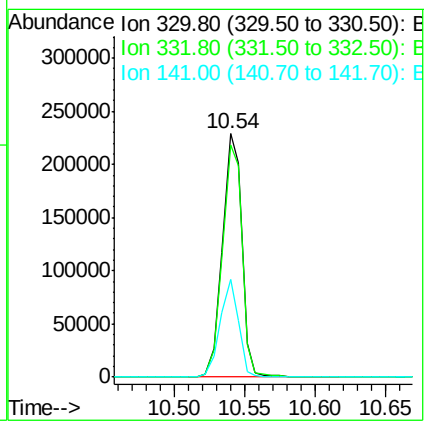
1/19/2018 9:47:24 AM

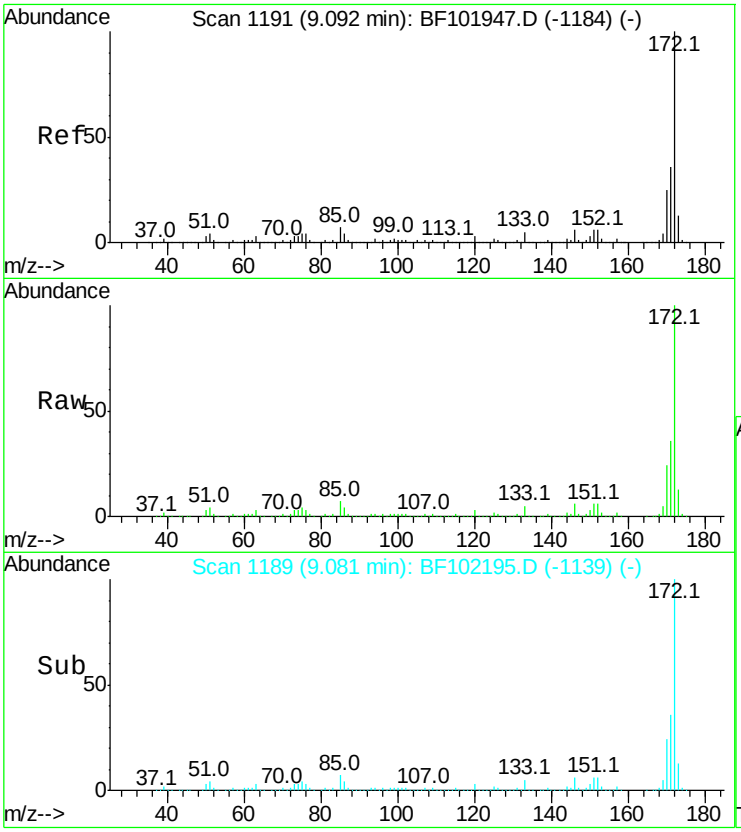


#41
2,4,6-Tribromophenol
Concen: 93.004 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:330 Resp: 218815

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.3	29.9	44.9

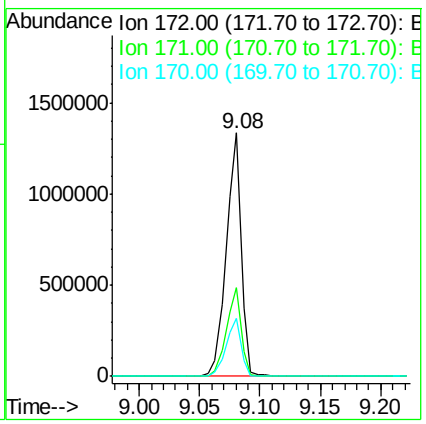




#44
2-Fluorobiphenyl
Concen: 66.612 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:172 Resp: 1149504

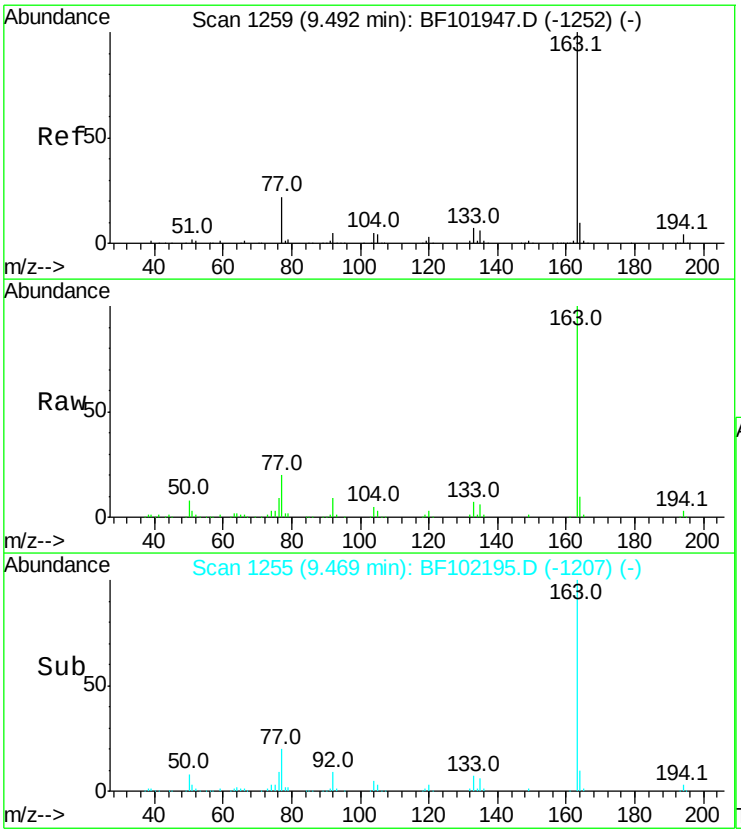
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

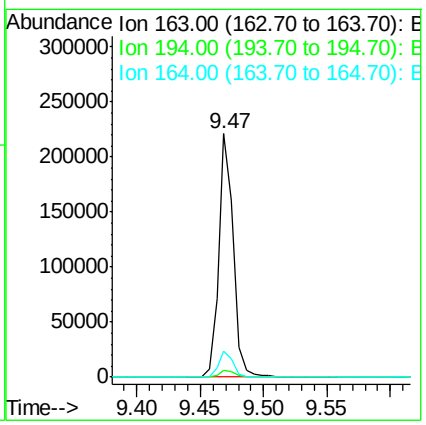
1/19/2018 9:47:24 AM

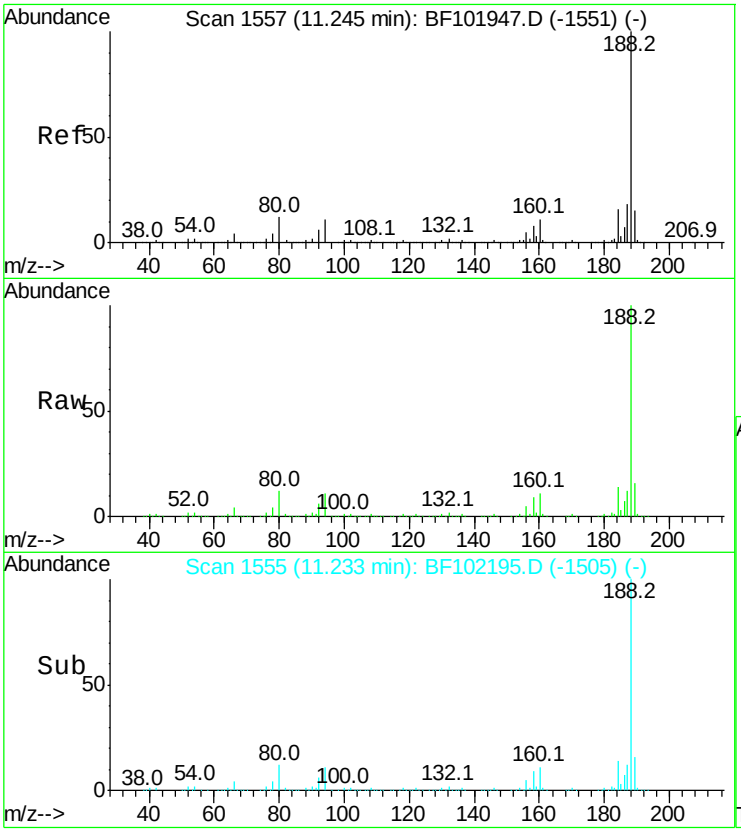


#49
Dimethylphthalate
Concen: 8.241 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:163 Resp: 178234

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.5	8.2	12.2

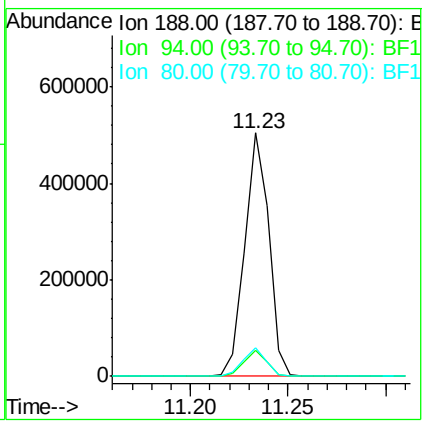




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:188 Resp: 432036

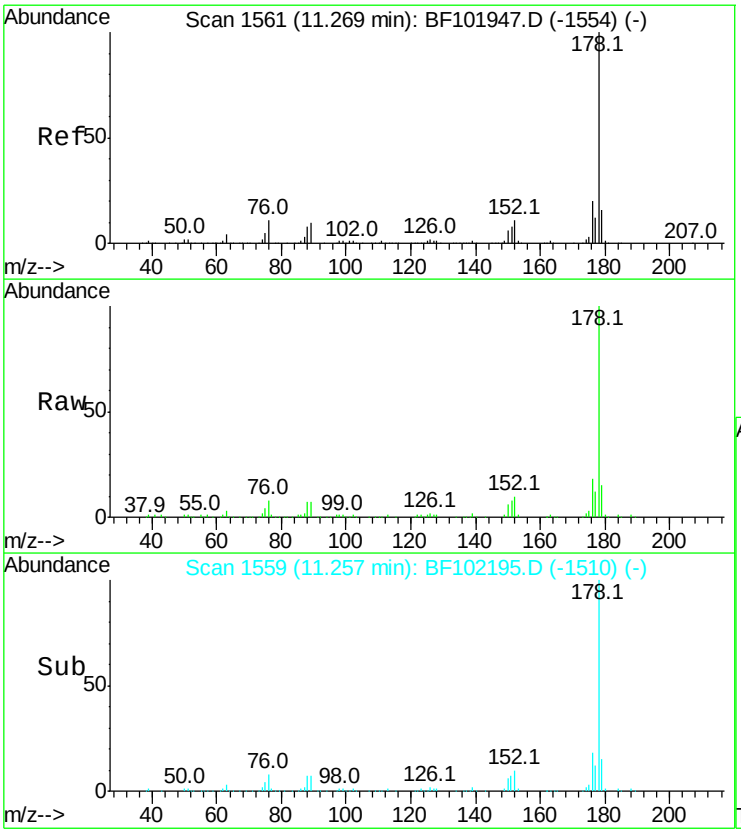
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

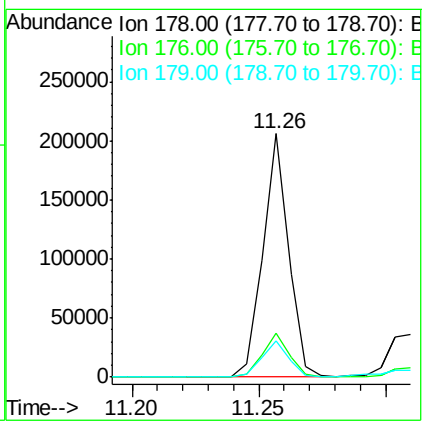
1/19/2018 9:47:24 AM

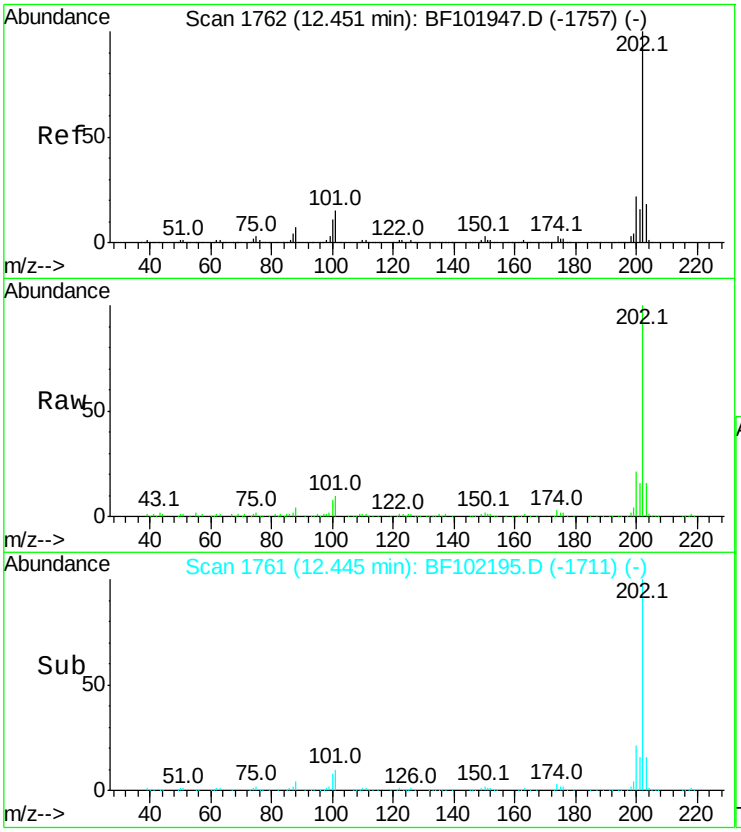


#70
Phenanthrene
Concen: 5.804 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:178 Resp: 146467

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	13.0	19.6

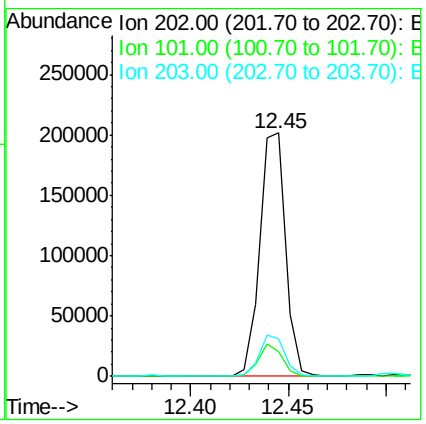




#74
Fluoranthene
Concen: 7.470 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:202 Resp: 185467

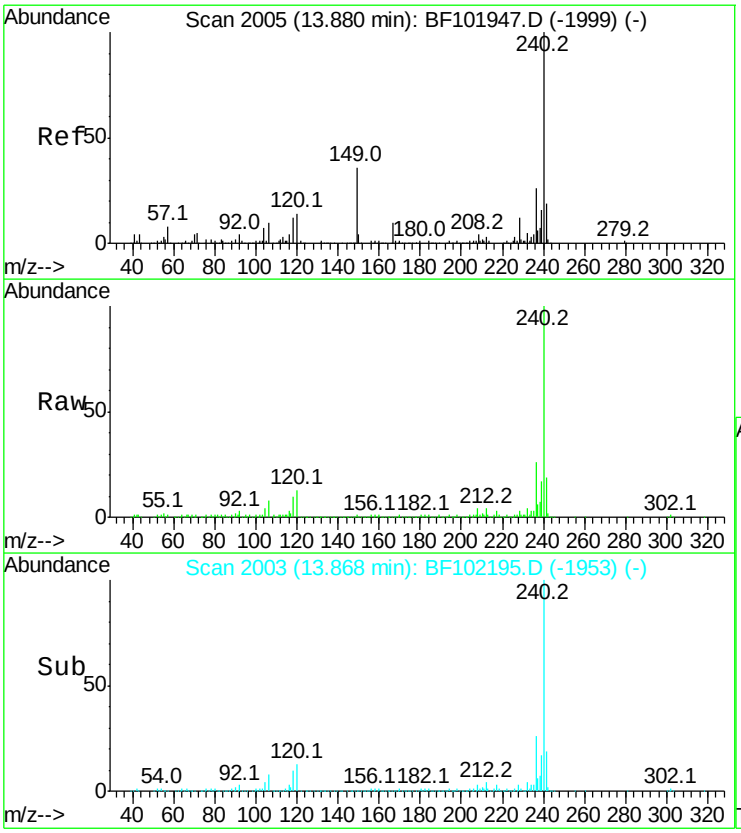
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	15.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

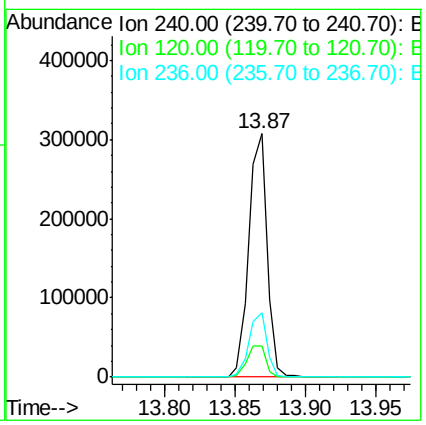
1/19/2018 9:47:24 AM

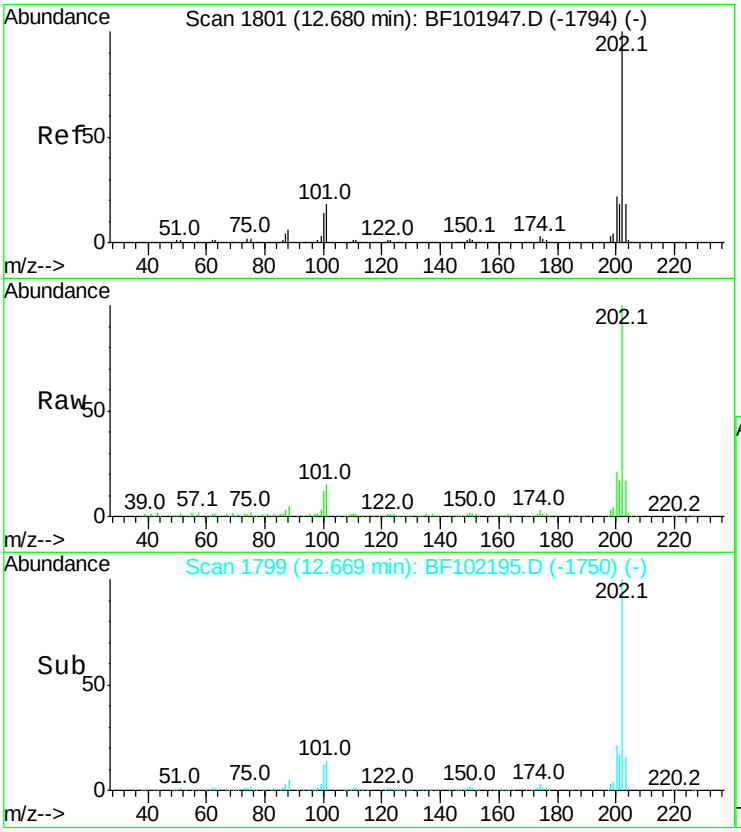


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:240 Resp: 282756

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.3	20.7	31.1

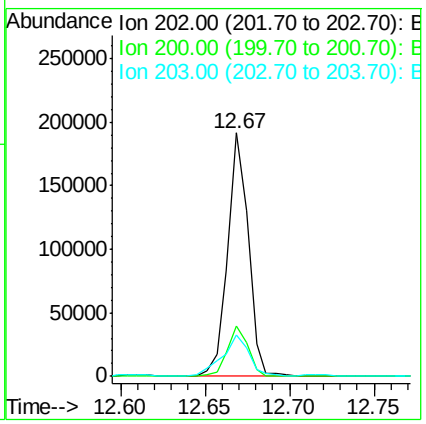




#77
Pyrene
Concen: 6.521 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:202 Resp: 162992

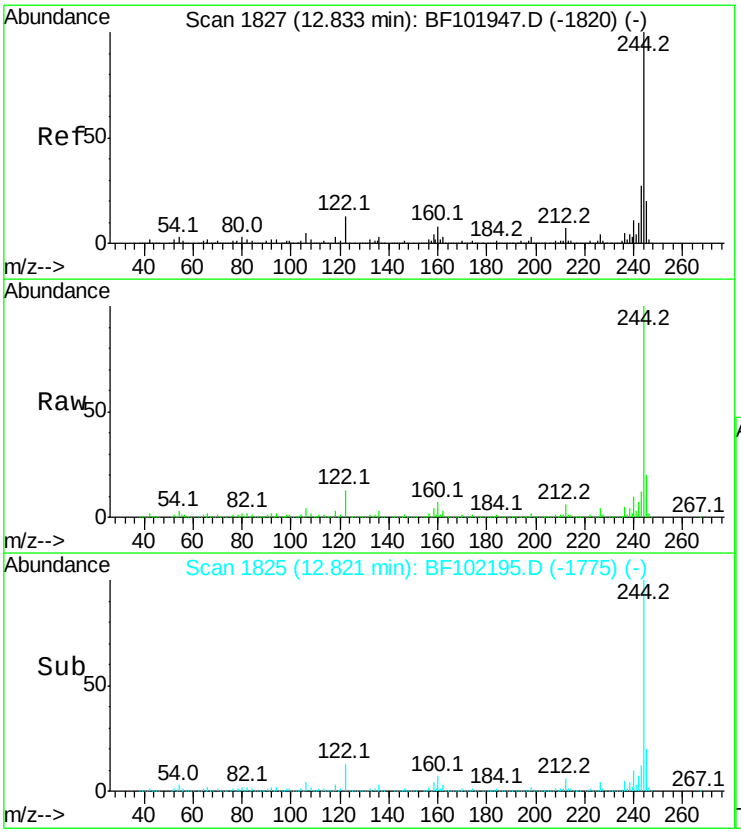
Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	16.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

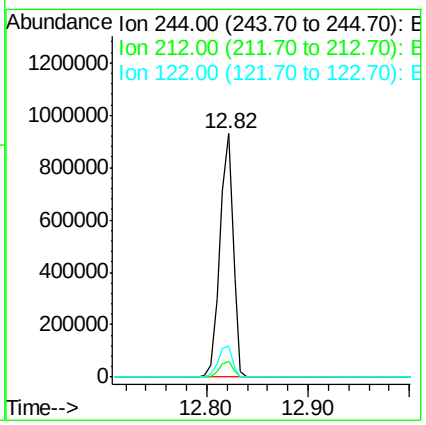
1/19/2018 9:47:24 AM

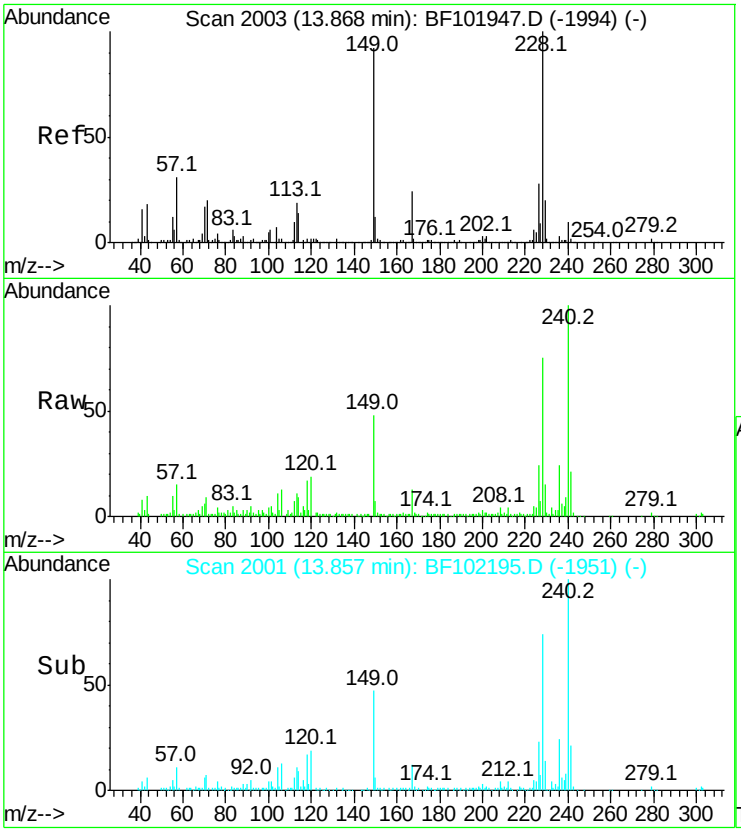


#78
Terphenyl-d14
Concen: 62.360 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:244 Resp: 849247

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.8	11.0	16.4

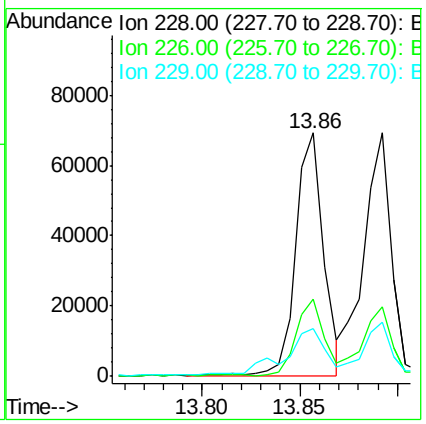




#80
Benzo(a)anthracene
Concen: 3.813 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:228 Resp: 68790

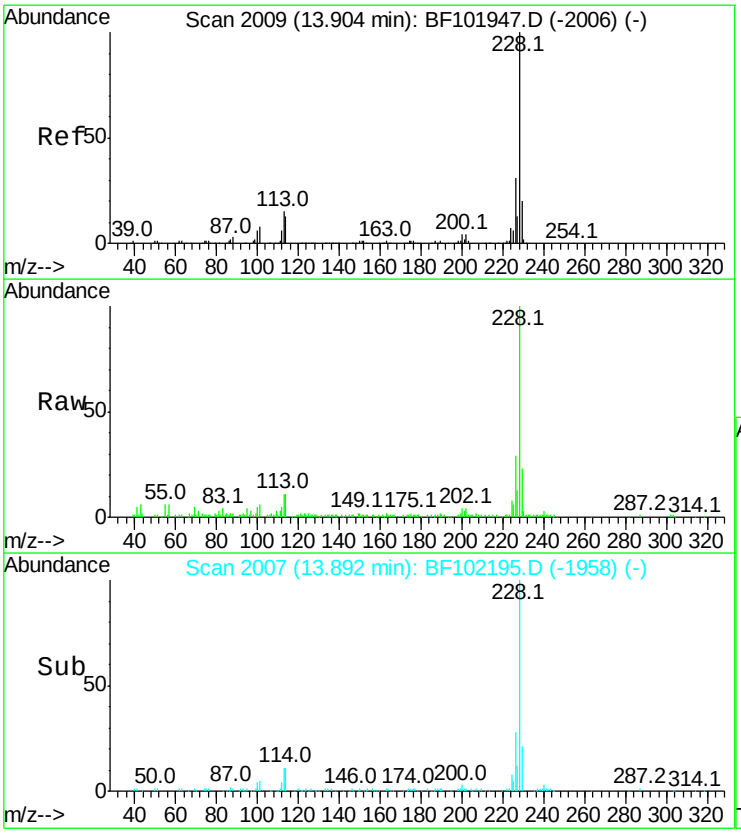
Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	19.6	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

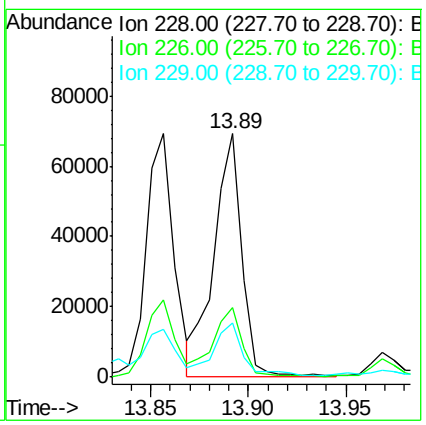
1/19/2018 9:47:24 AM

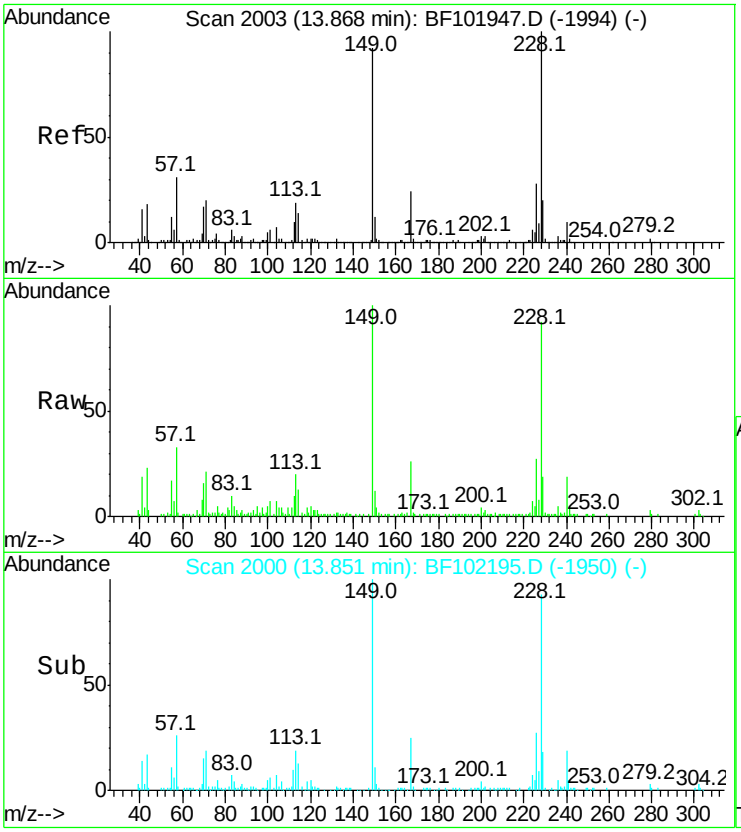


#82
Chrysene
Concen: 3.661 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:228 Resp: 68878

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	22.5	16.2	24.4

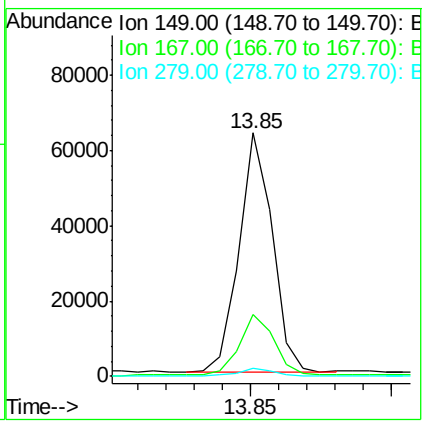




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.917 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:149 Resp: 51545

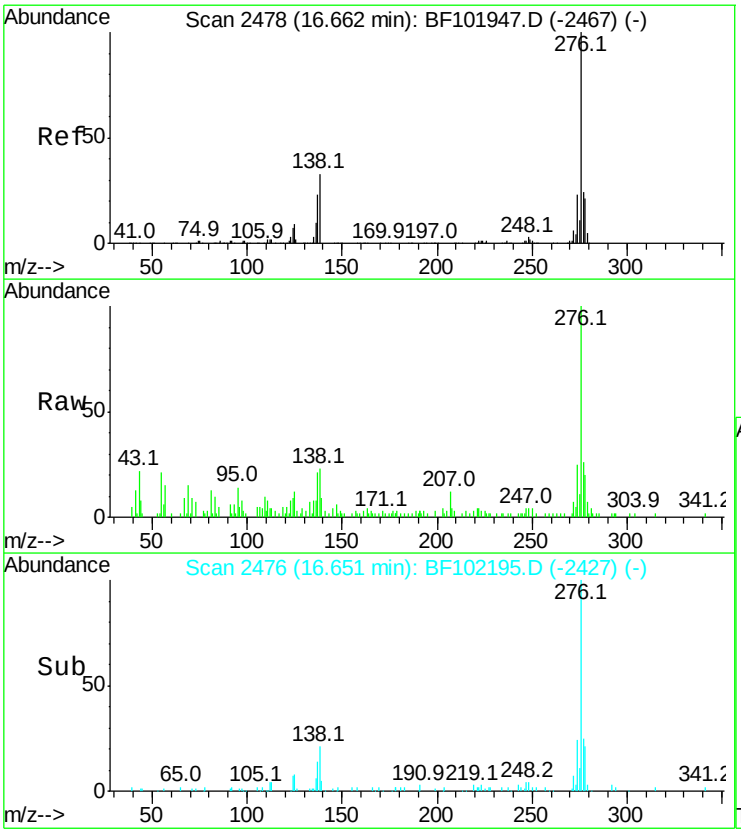
Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.1	3.0	4.4



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

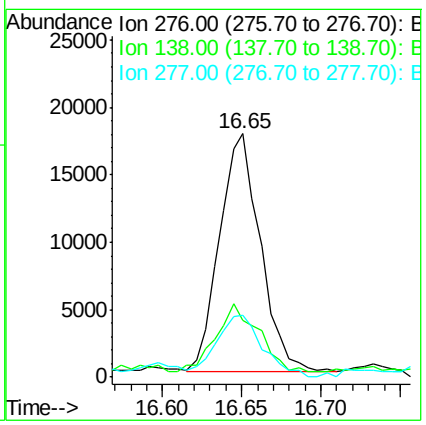
1/19/2018 9:47:24 AM

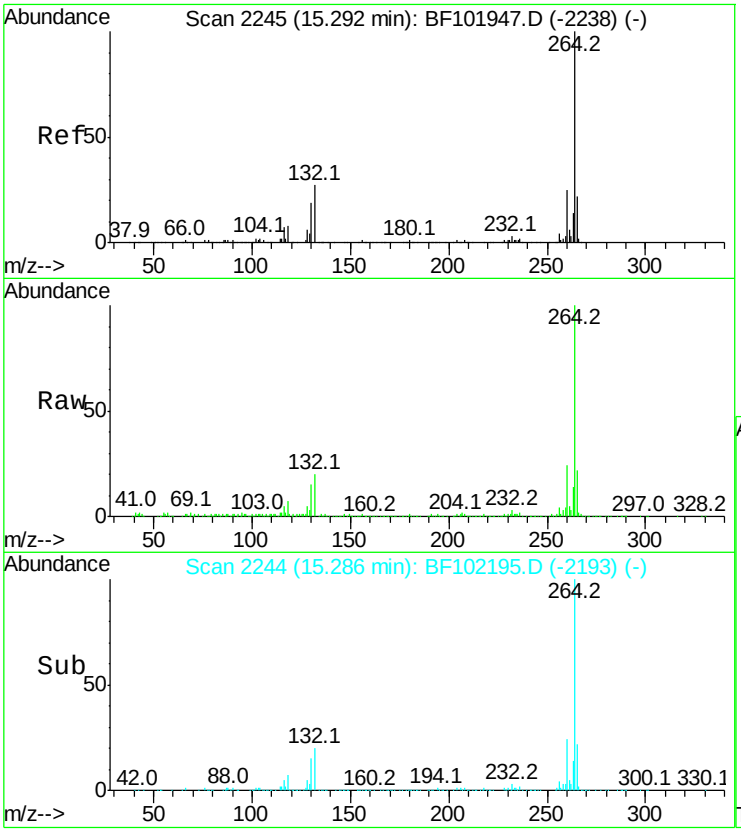


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.283 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:276 Resp: 31258

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	29.8	20.1	30.1

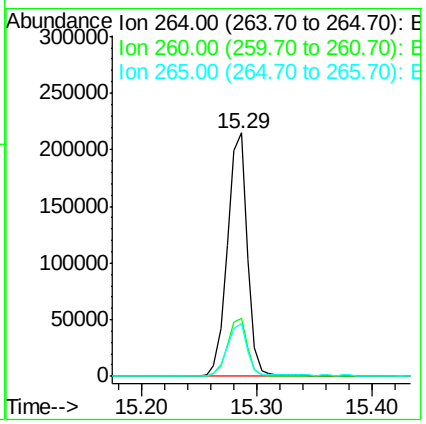




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:264 Resp: 257638

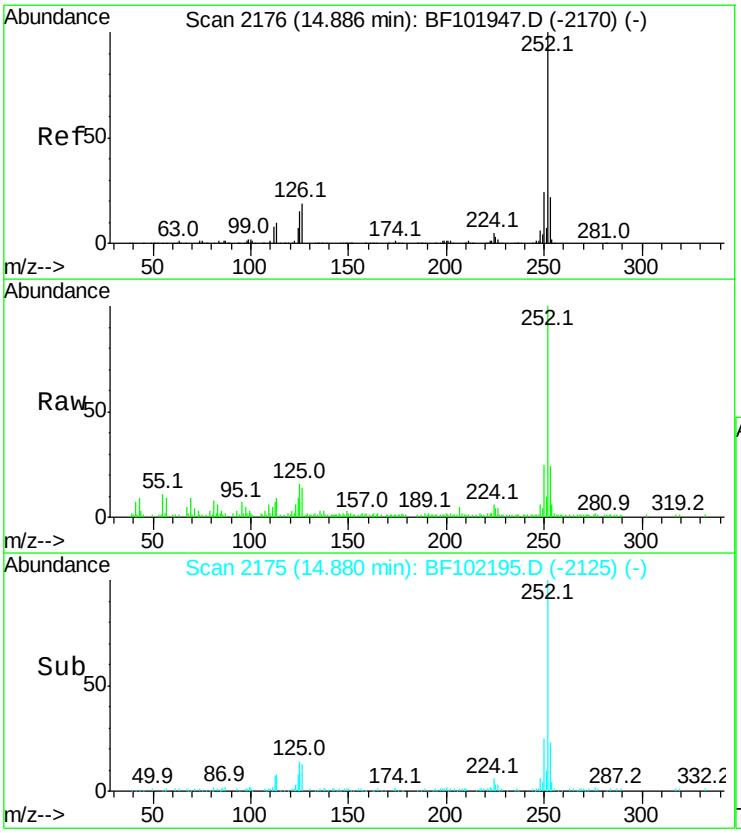
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

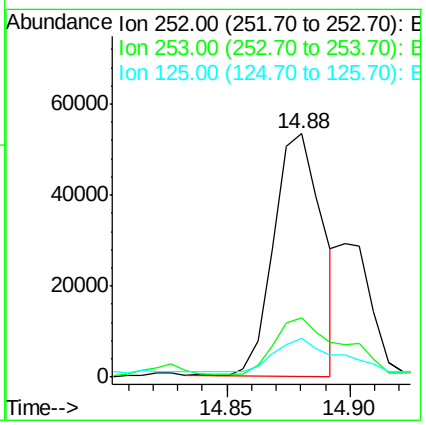
1/19/2018 9:47:24 AM

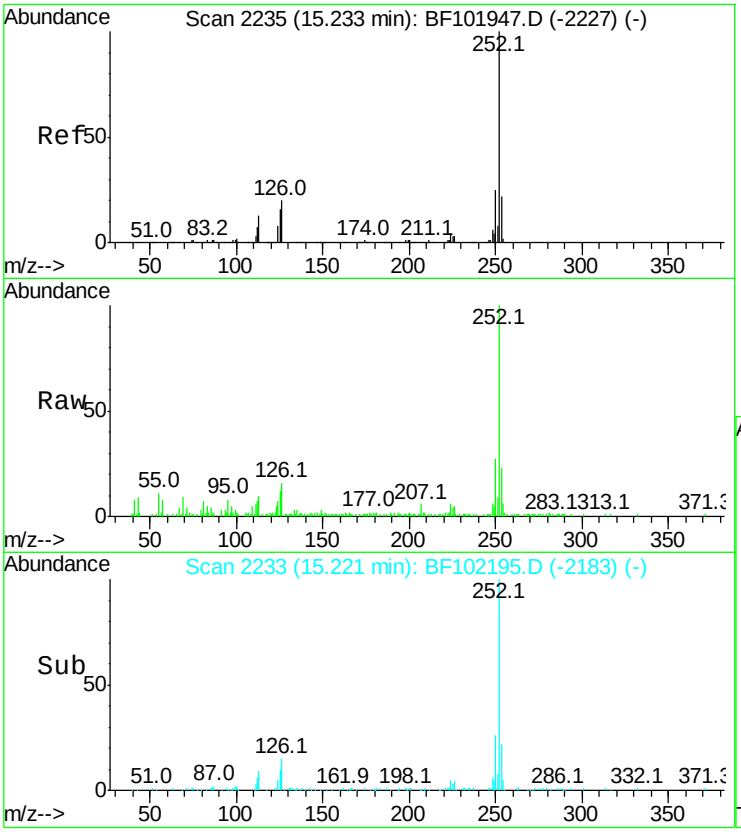


#87
Benzo(b)fluoranthene
Concen: 4.405 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:252 Resp: 73994

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	16.1	9.0	13.6#

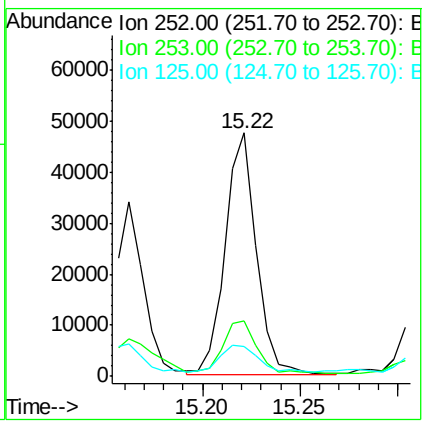




#89
Benzo(a)pyrene
Concen: 3.468 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:252 Resp: 52423

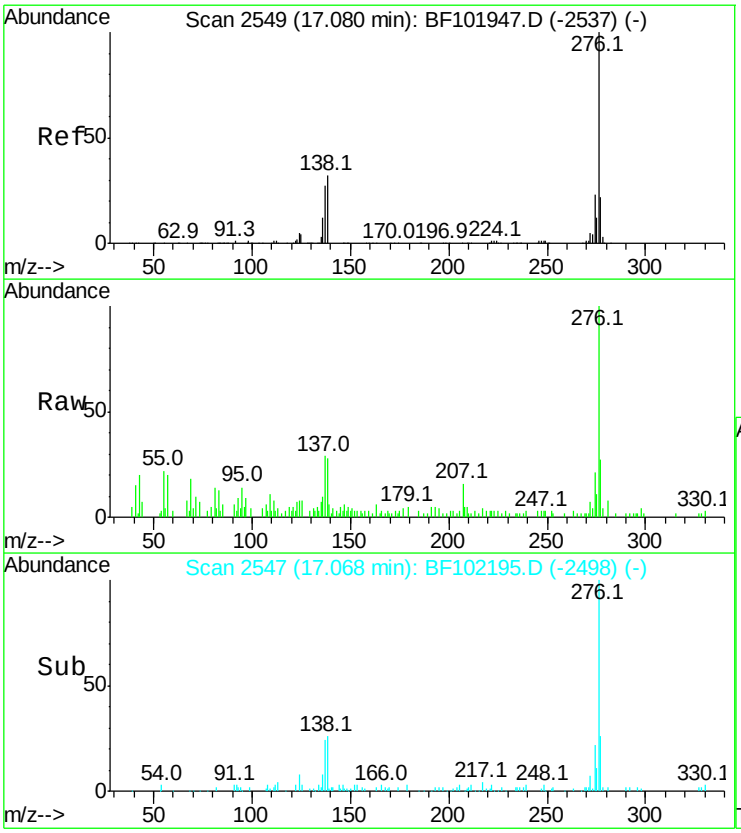
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.3	9.8	14.6



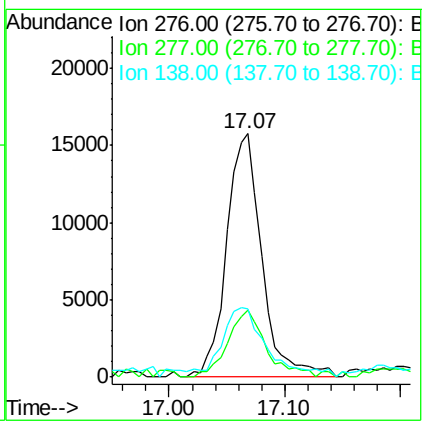
Instrument :
BNA_F
ClientSampleId :
SB-47-4.5-5.0

Manual Integrations APPROVED
Sohil
1/19/2018 9:47:24 AM

1/19/2018 9:47:24 AM



#91
Benzo(g,h,i)perylene
Concen: 2.755 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF102195.D
Acq: 18 Jan 2018 16:58

Tgt Ion:276 Resp: 33480

Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.9	26.9#
138	28.0	21.8	32.8