Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107084.D
Acq On : 3 Jul 2018 16:10
Operator : JU/SJ
Sample : J3245-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

Quant Time: Jul 05 02:55:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	52497	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	182060	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	78364	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	171189	20.00	ng	0.00
75) Chrysene-d12	14.15	240	164665	20.00	ng	-0.01
86) Perylene-d12	15.71	264	109818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168695	54.41	ng	0.00
7) Phenol-d6	6.61	99	198451	51.26	ng	0.00
23) Nitrobenzene-d5	7.52	82	106062	32.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	52925	58.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	214145	38.12	ng	-0.01
78) Terphenyl-d14	13.08	244	308964	45.45	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	35579	6.054	ng	99
74) Fluoranthene	12.71	202	30464	3.347	ng	97
77) Pyrene	12.95	202	29475	2.714	ng	97

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

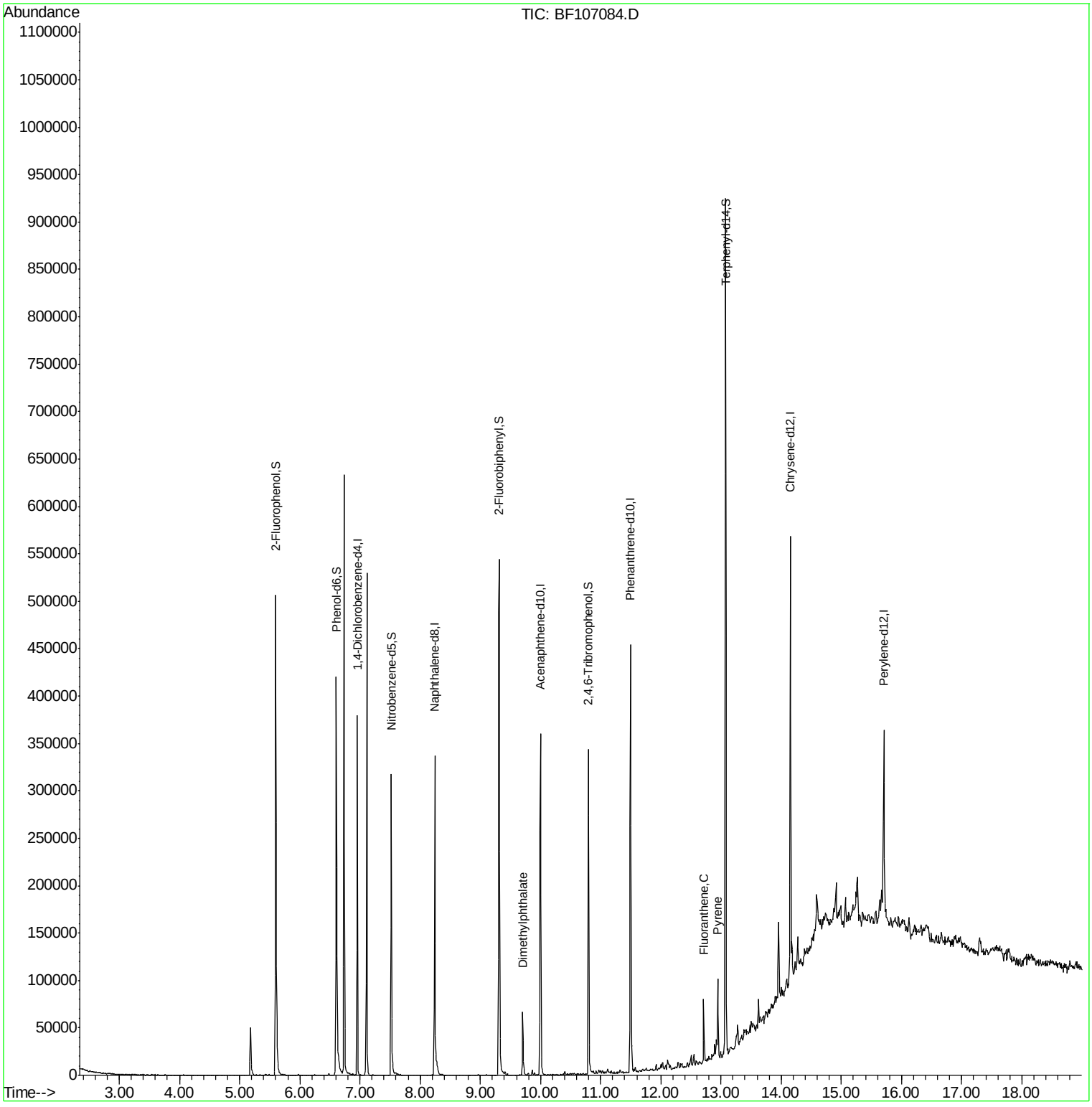
Quantitation Report (LSC Reviewed)

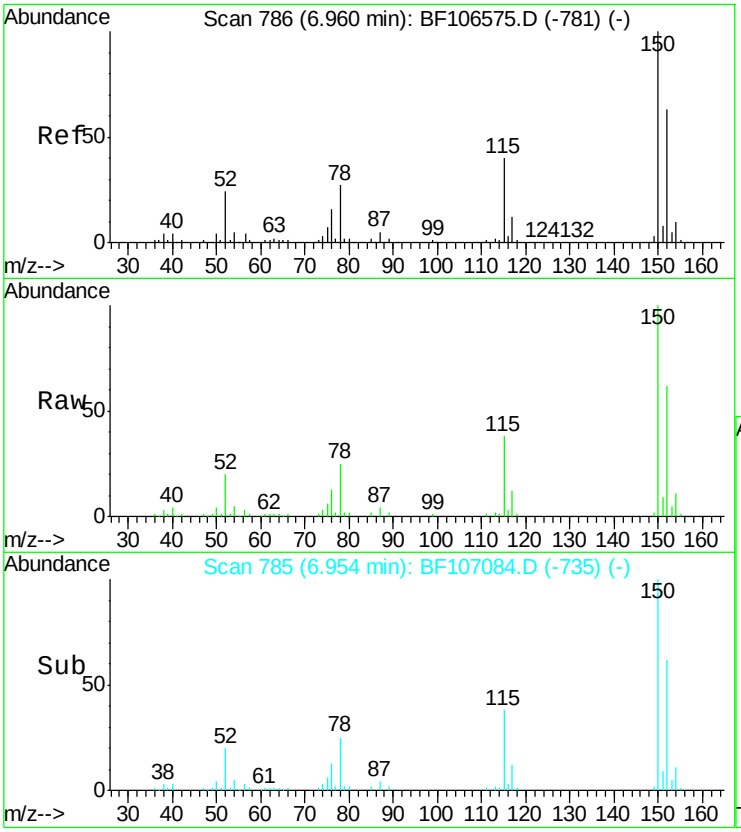
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107084.D
Acq On : 3 Jul 2018 16:10
Operator : JU/SJ
Sample : J3245-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 05 02:55:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

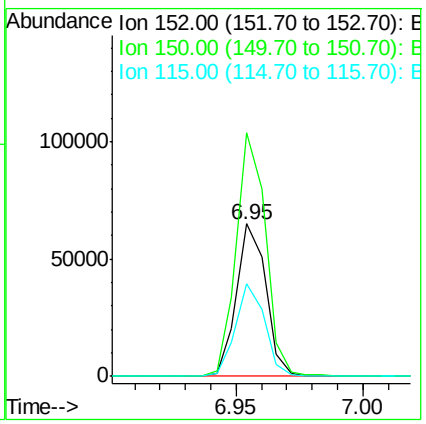




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

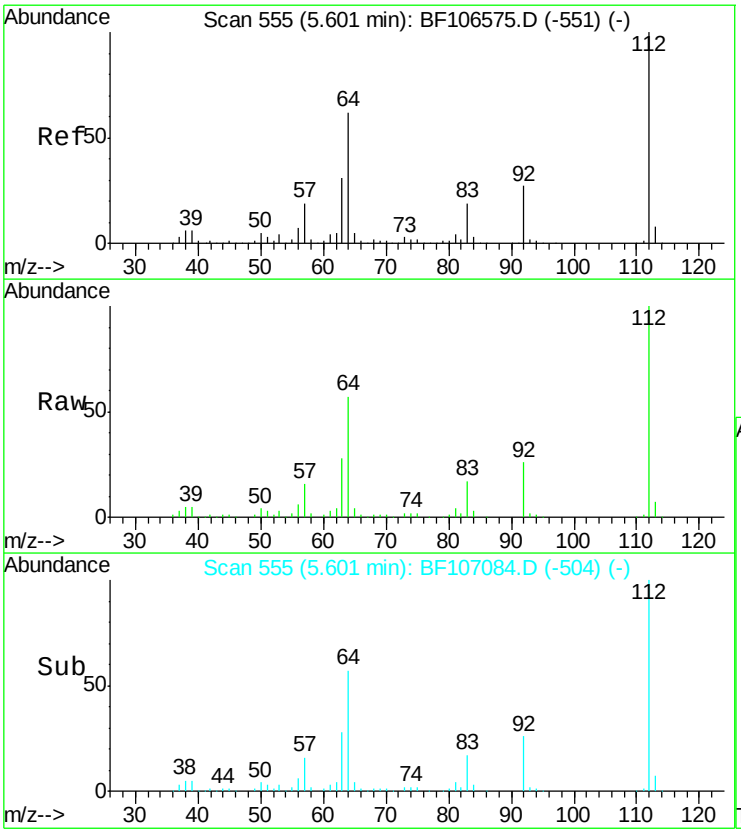
Tgt Ion:152 Resp: 52497

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	61.1	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

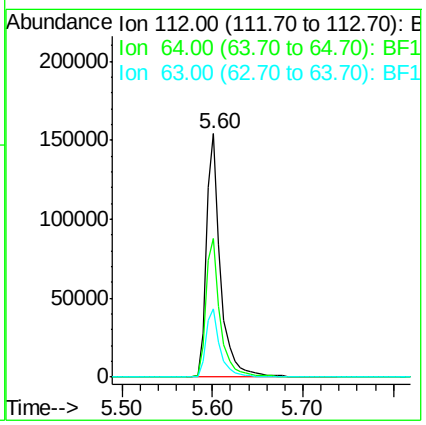
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

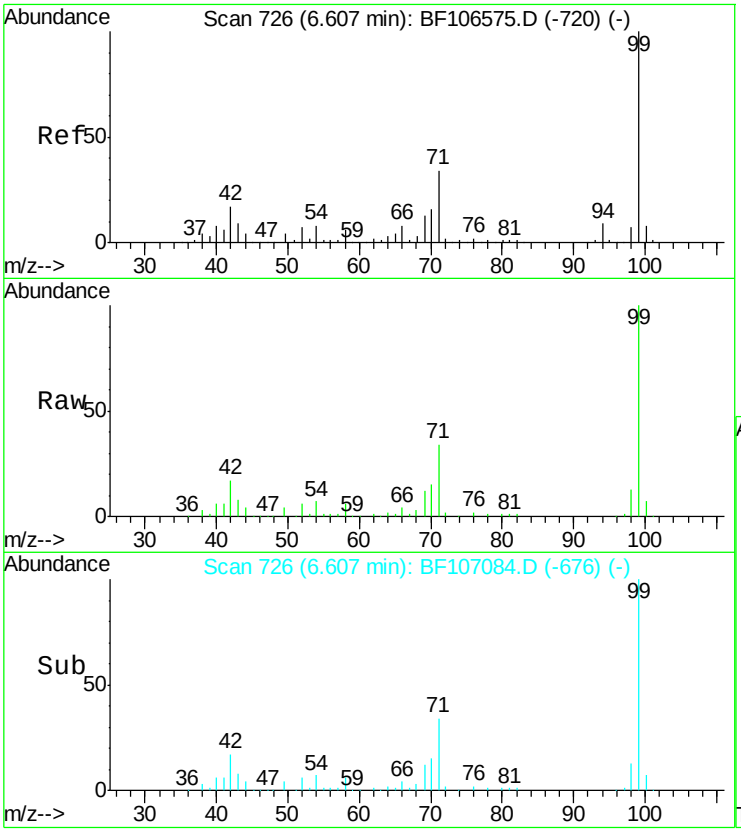


#5
2-Fluorophenol
Concen: 54.413 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:112 Resp: 168695

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.0	23.7	35.5

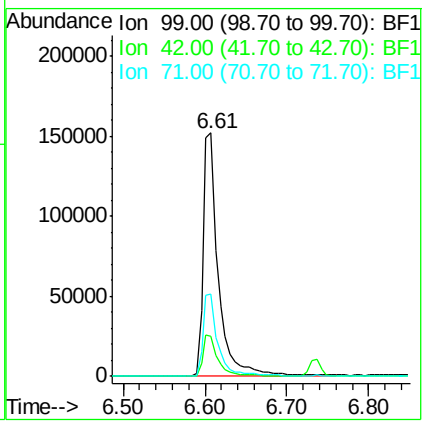




#7
Phenol-d6
Concen: 51.258 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

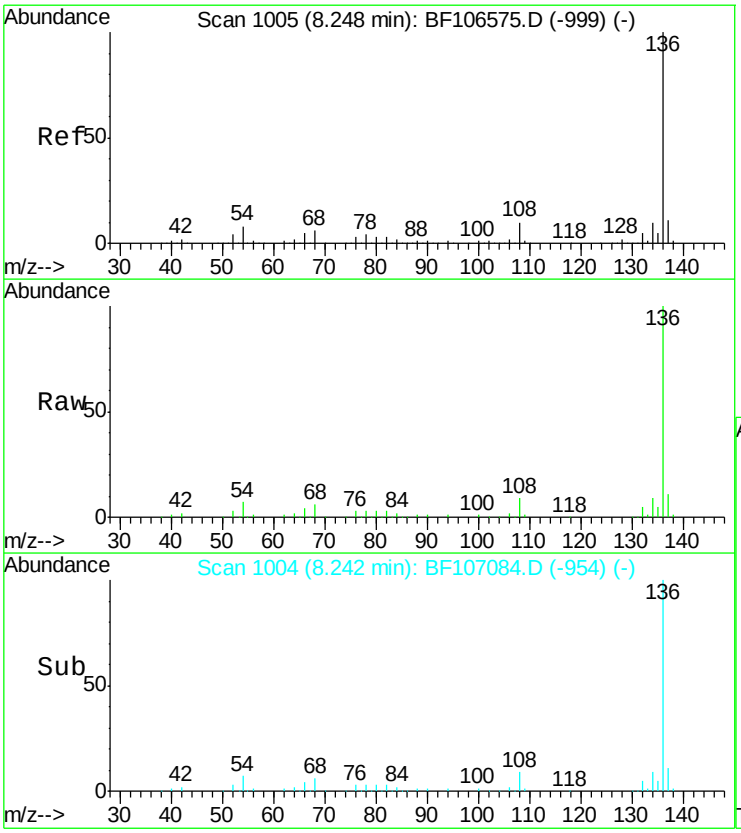
Tgt Ion: 99 Resp: 198451

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	33.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

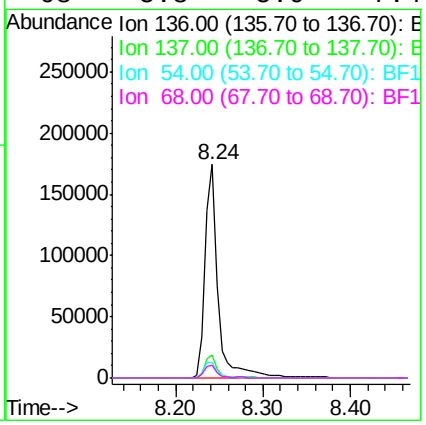
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

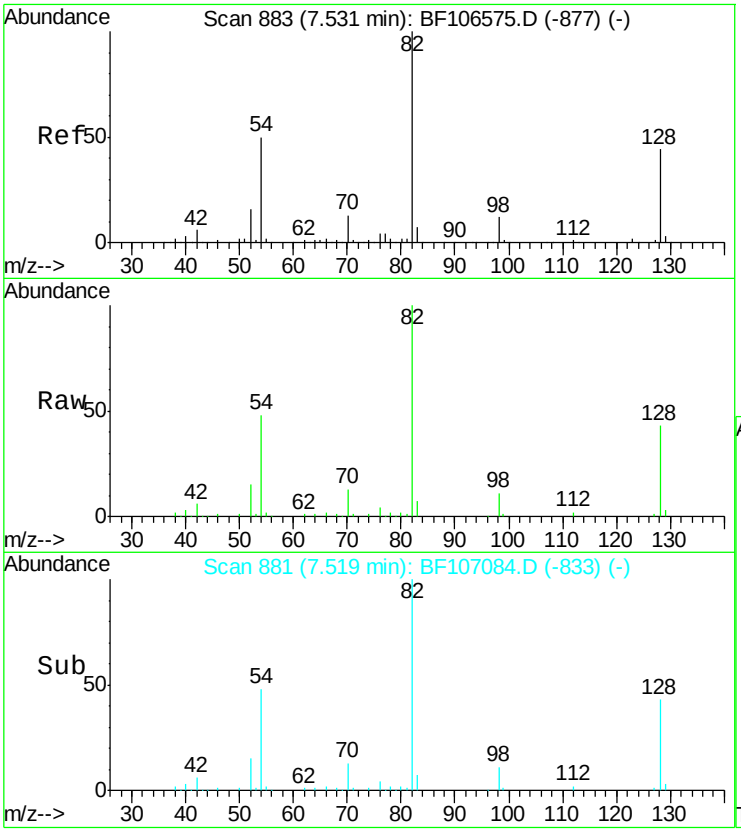


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:136 Resp: 182060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

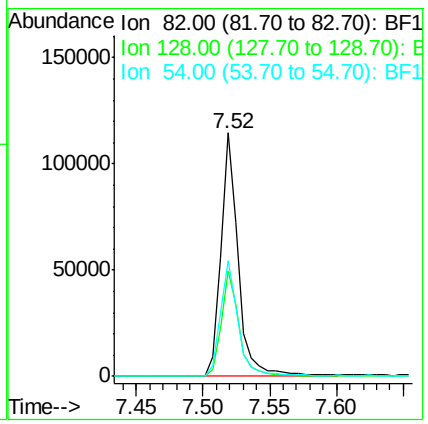




#23
Nitrobenzene-d5
Concen: 32.375 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

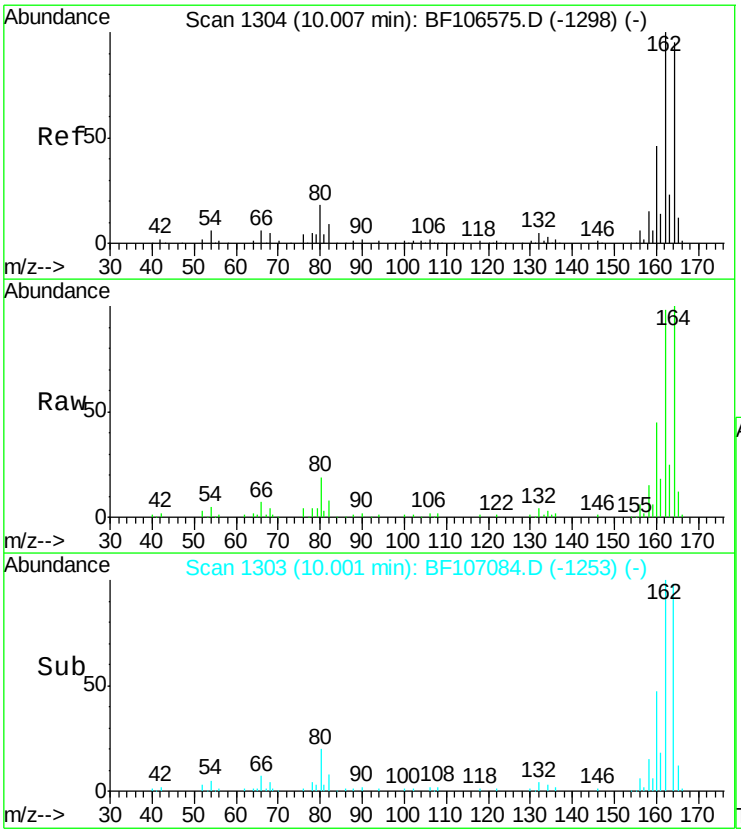
Tgt Ion: 82 Resp: 106062

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	47.7	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

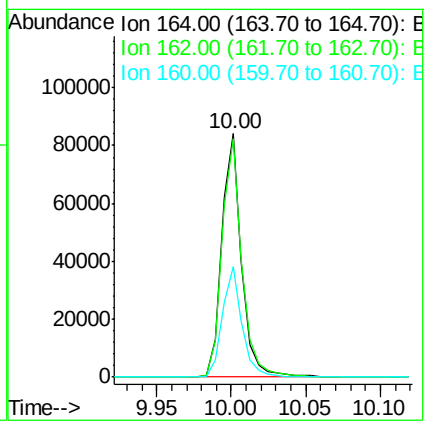
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

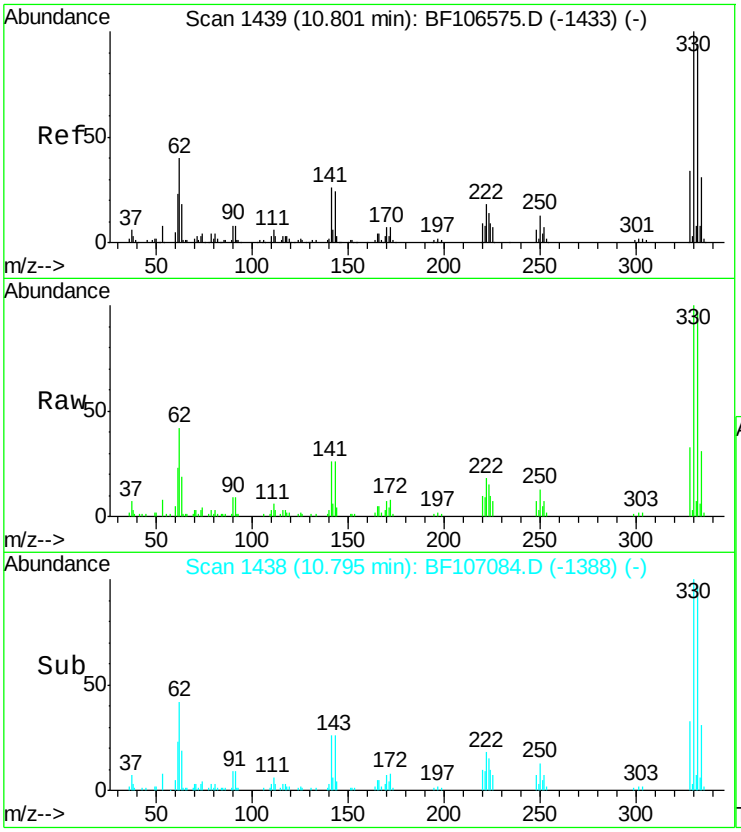


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:164 Resp: 78364

Ion	Ratio	Lower	Upper
164	100		
162	98.2	86.1	129.1
160	45.5	38.3	57.5

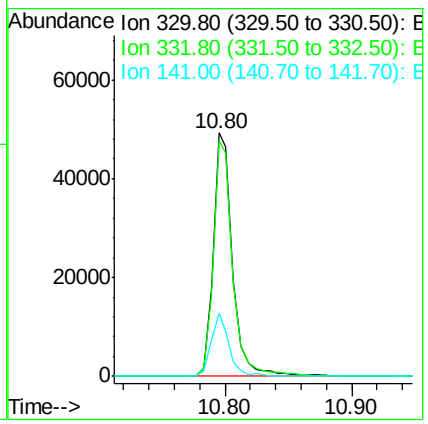




#41
2,4,6-Tribromophenol
Concen: 58.271 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

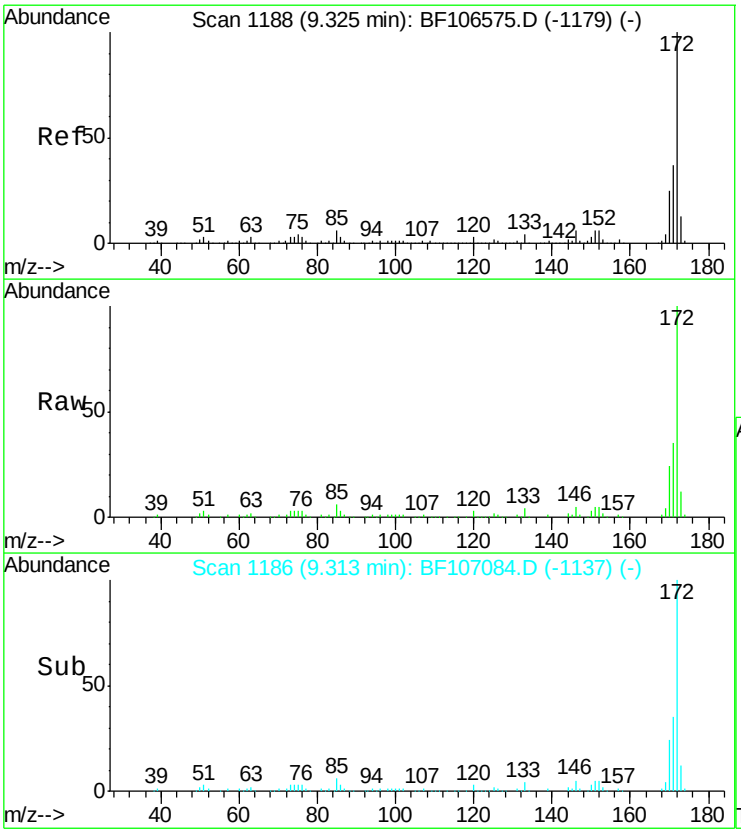
Tgt Ion:330 Resp: 52925

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	23.8	29.9	44.9#



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

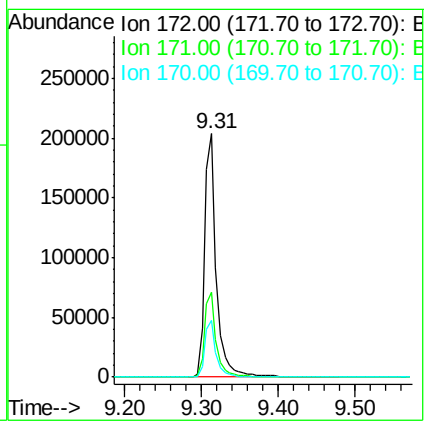
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

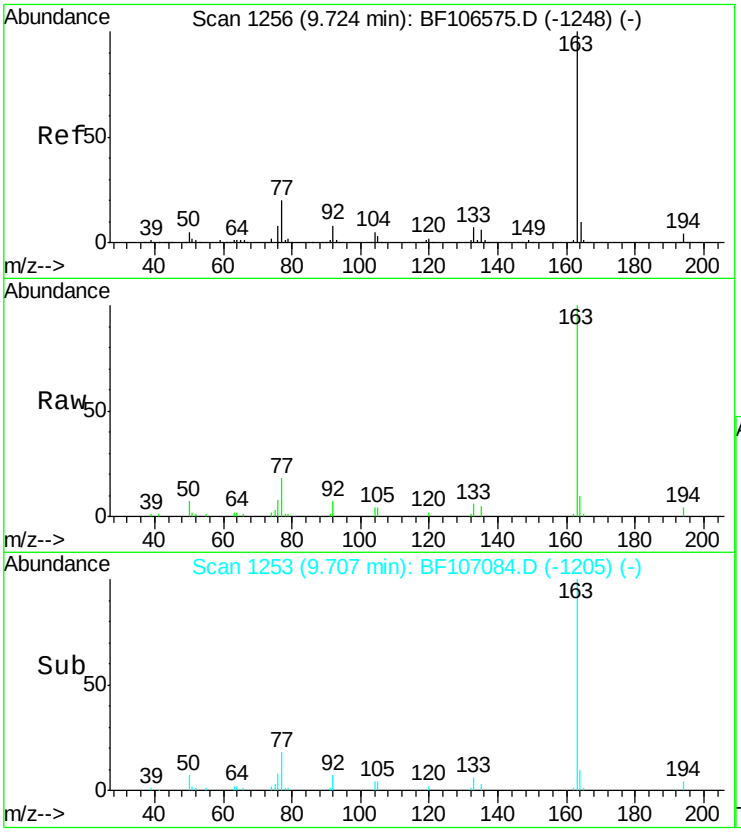


#44
2-Fluorobiphenyl
Concen: 38.118 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:172 Resp: 214145

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.5	19.6	29.4

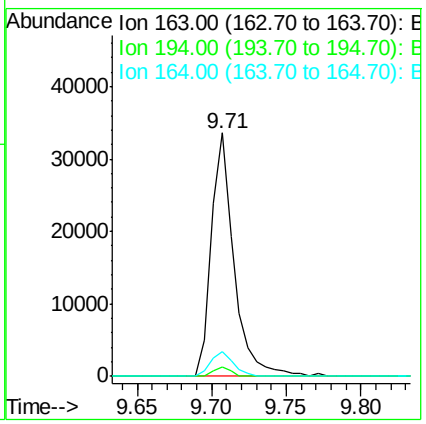




#49
Dimethylphthalate
Concen: 6.054 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

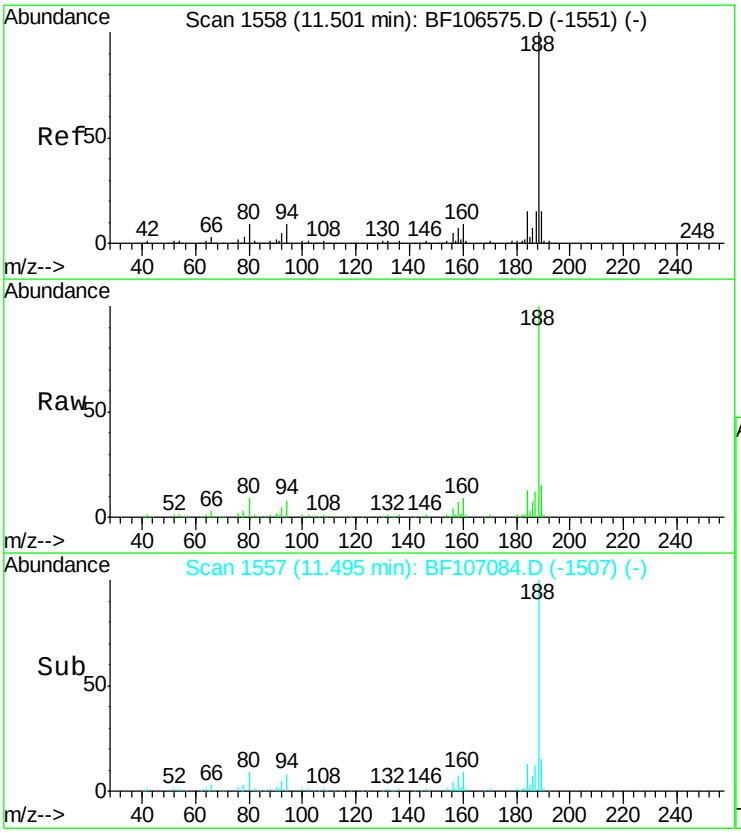
Tgt Ion:163 Resp: 35579

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

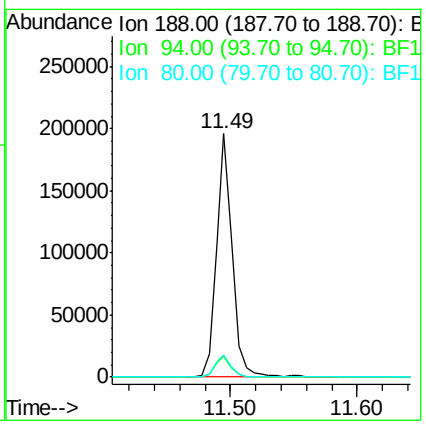
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

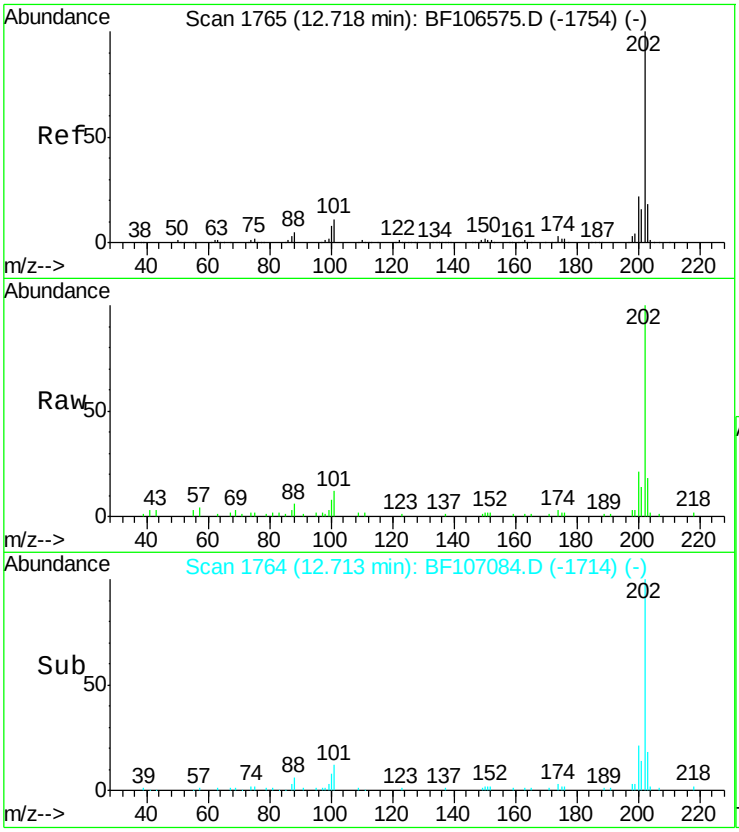


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:188 Resp: 171189

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	8.9	9.2	13.8#

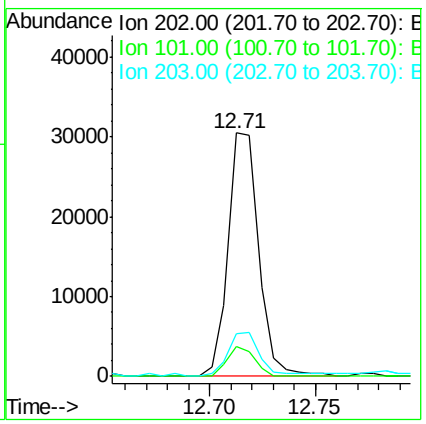




#74
Fluoranthene
Concen: 3.347 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

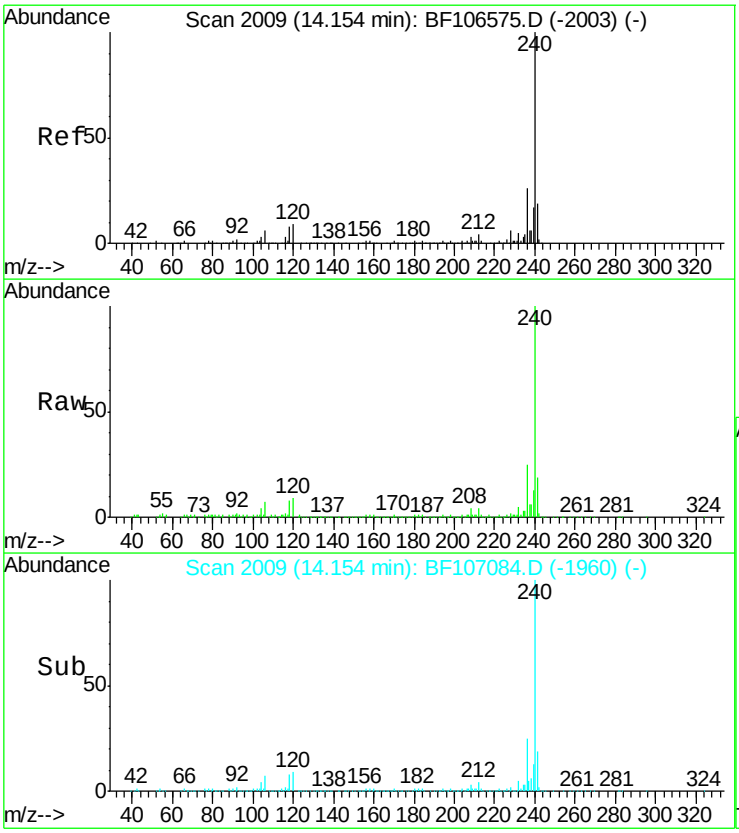
Tgt Ion:202 Resp: 30464

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.7	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

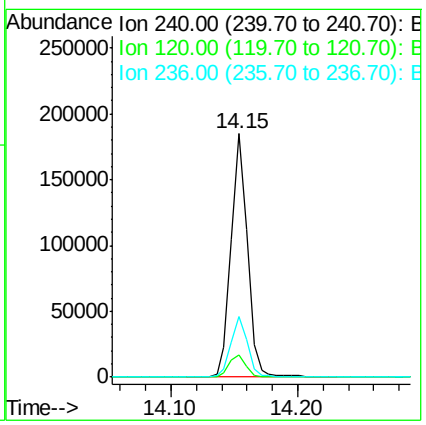
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

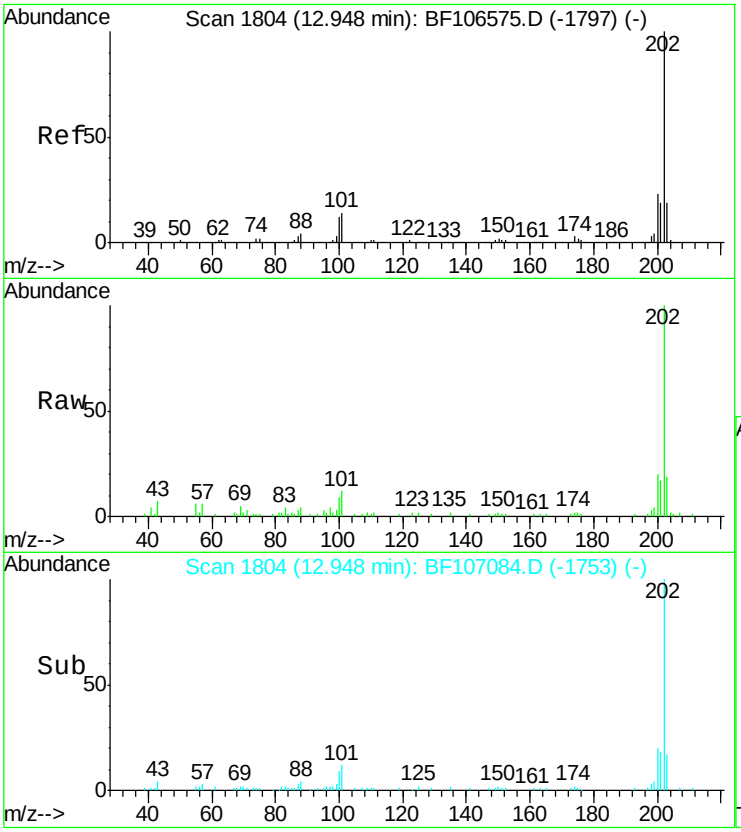


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:240 Resp: 164665

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	24.7	20.7	31.1

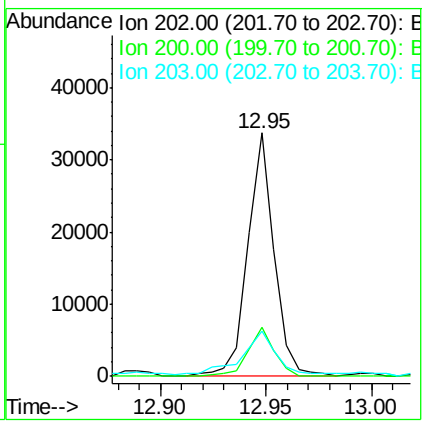




#77
Pyrene
Concen: 2.714 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

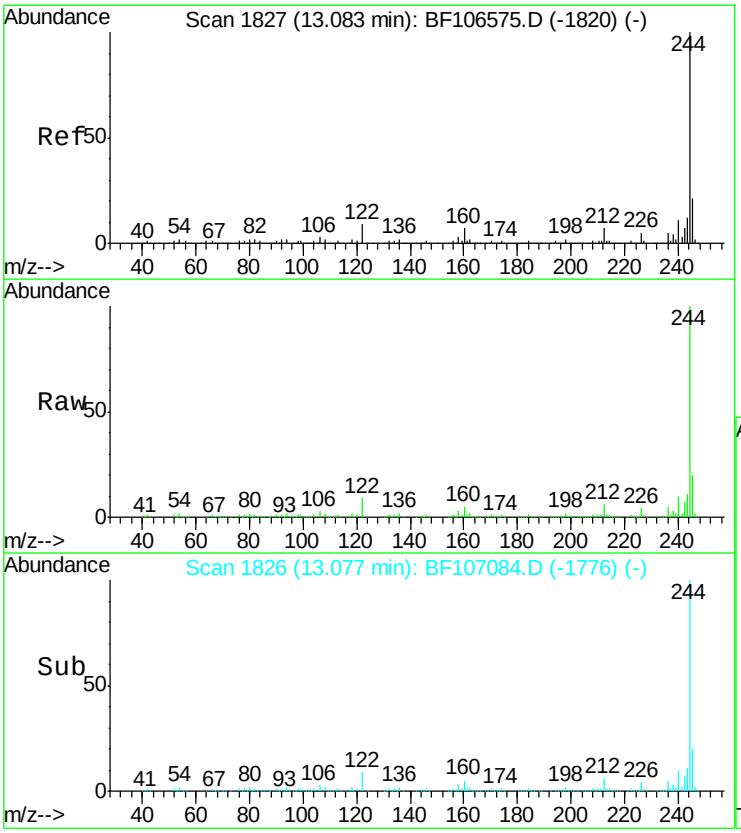
Tgt Ion:202 Resp: 29475

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

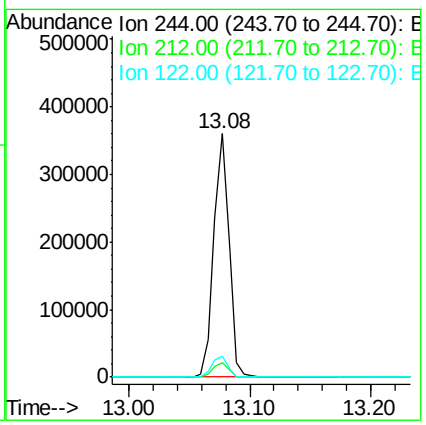
Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM

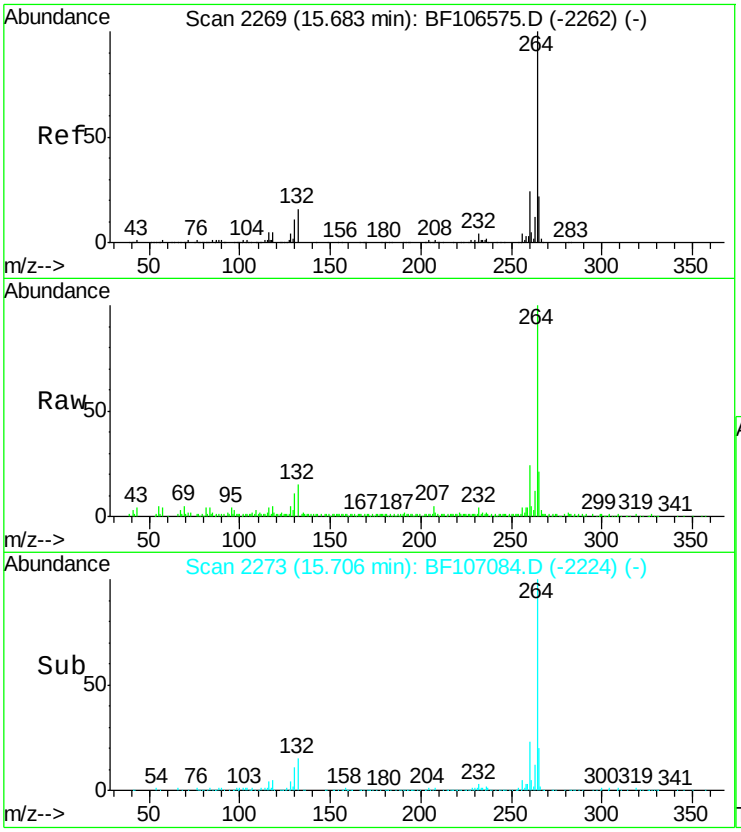


#78
Terphenyl-d14
Concen: 45.450 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:244 Resp: 308964

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.8	11.0	16.4#

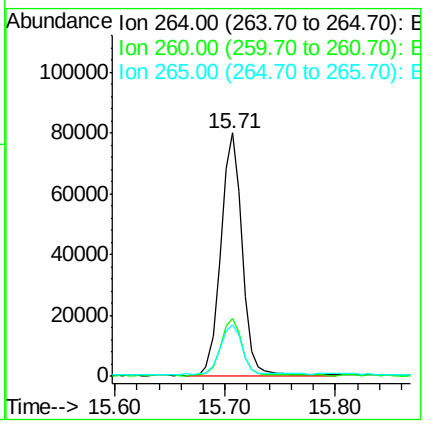




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107084.D
Acq: 3 Jul 2018 16:10

Tgt Ion:264 Resp: 109818

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
CL-01-062918-C

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:58 PM