Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110121.D
Acq On : 24 Oct 2018 18:05
Operator : JU/SJ
Sample : J5198-21 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
Sohil
10/25/2018 12:41:46 PM

Quant Time: Oct 25 10:04:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155586	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	587025	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	232633	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	399137	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	346394	20.00	ng	-0.01
87) Perylene-d12	15.69	264	253012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	463120	48.47	ng	-0.02
7) Phenol-d6	6.58	99	559671	45.80	ng	-0.02
23) Nitrobenzene-d5	7.53	82	309687	31.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	88801	38.54	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	533786	36.03	ng	-0.02
79) Terphenyl-d14	13.09	244	486732	29.22	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.59	94	29009	2.221	ng	# 67
50) Dimethylphthalate	9.72	163	56524	3.292	ng	99
71) Phenanthrene	11.53	178	63468	3.039	ng	98
75) Fluoranthene	12.72	202	115199	5.435	ng	99
78) Pyrene	12.95	202	119147	4.798	ng	97
81) Benzo(a)anthracene	14.14	228	55453	2.700	ng	92
83) Chrysene	14.18	228	54401	2.788	ng	97
88) Benzo(b)fluoranthene	15.24	252	63433m	4.342	ng	
90) Benzo(a)pyrene	15.62	252	41381	3.078	ng	# 85
92) Benzo(g,h,i)perylene	17.73	276	23102	2.021	ng	# 85

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110121.D
Acq On : 24 Oct 2018 18:05
Operator : JU/SJ
Sample : J5198-21 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 25 10:04:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
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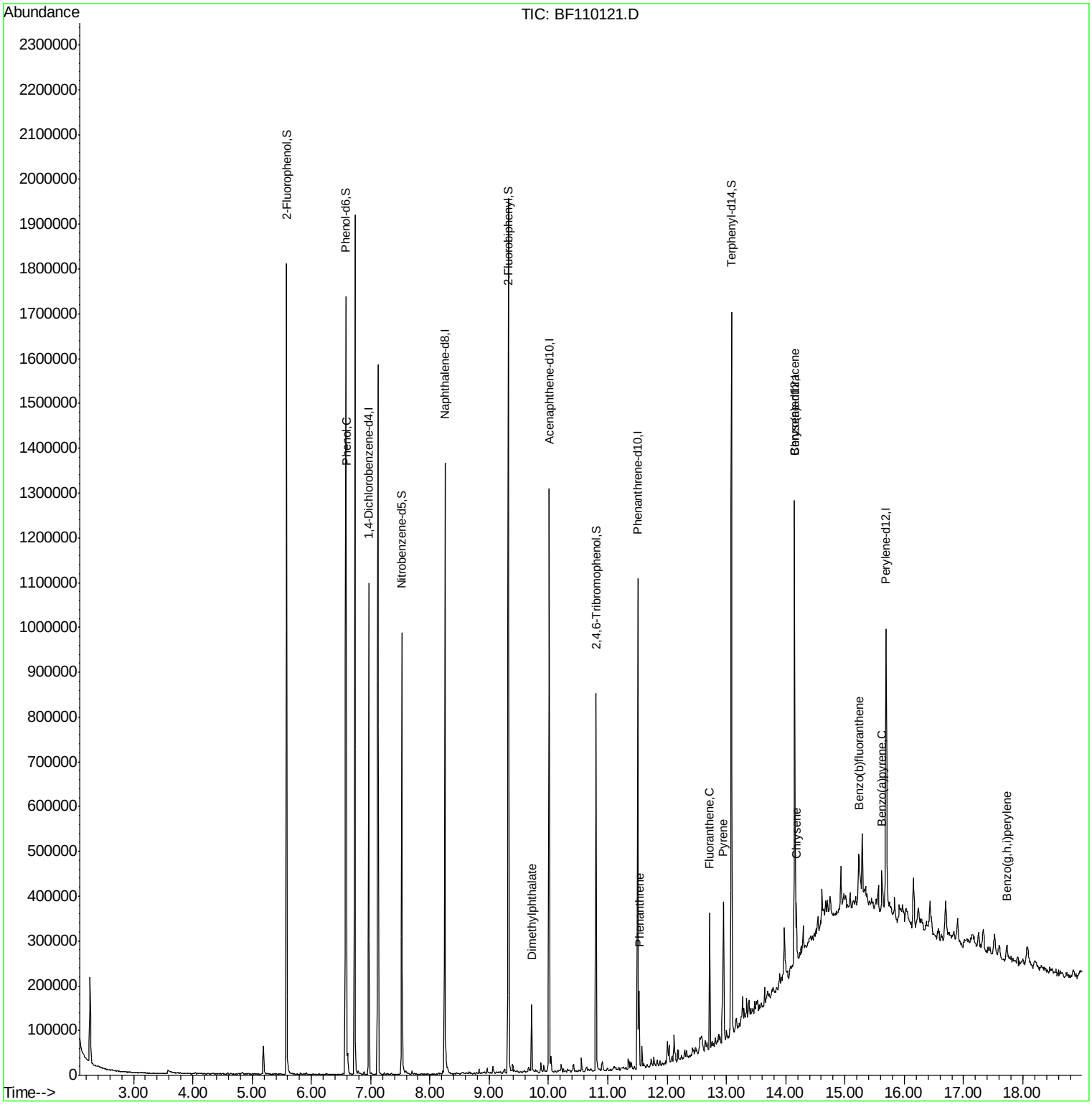
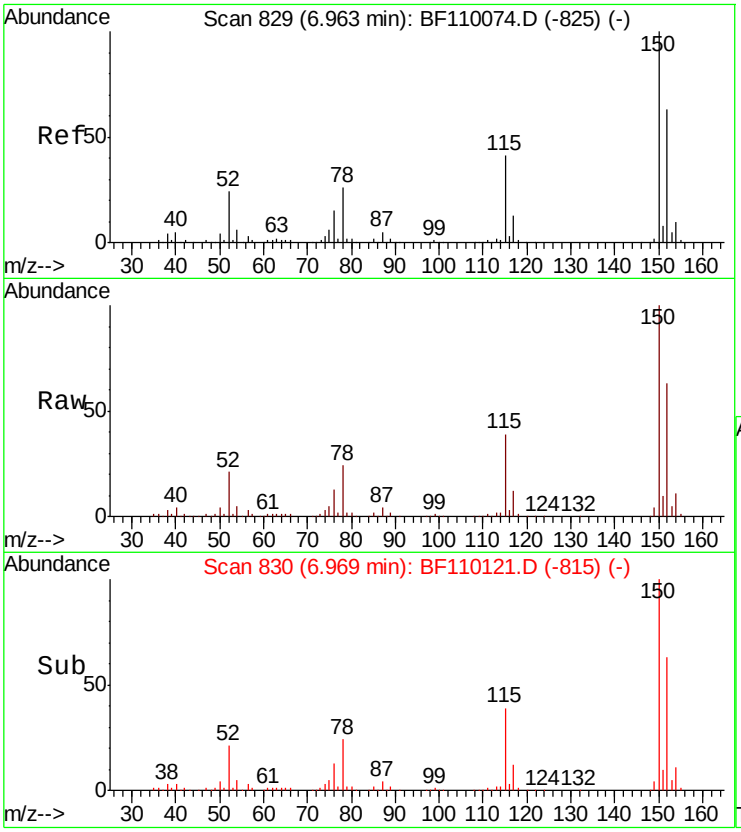
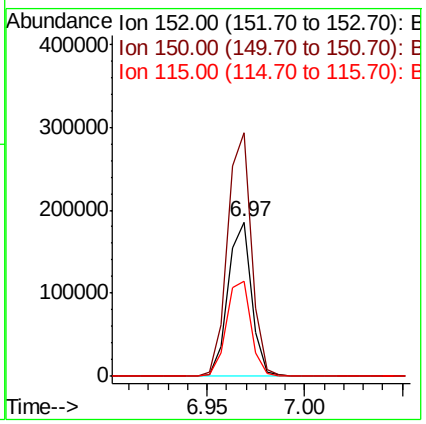




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:152 Resp: 155586

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	61.3	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
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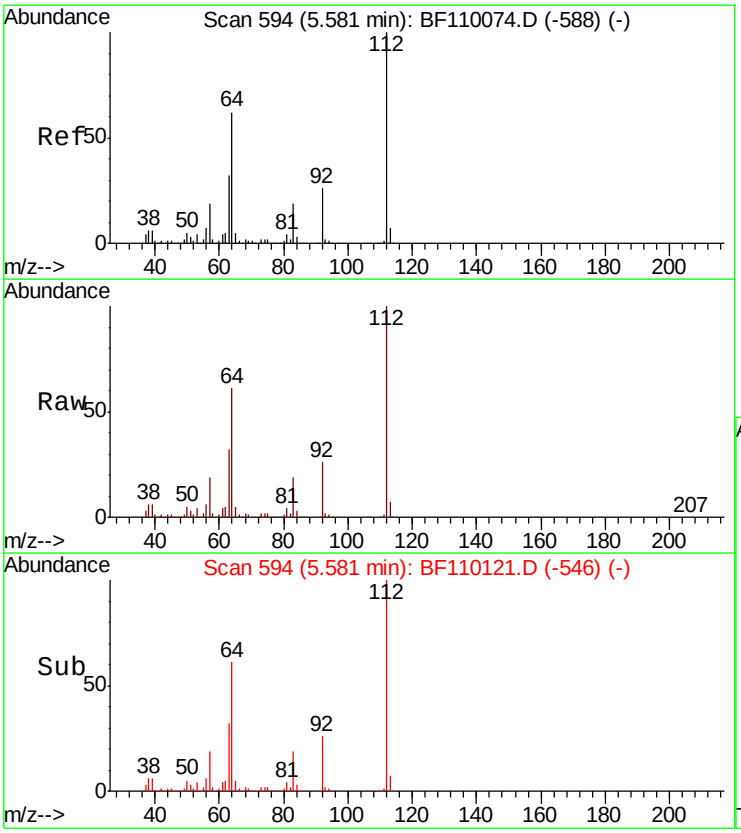
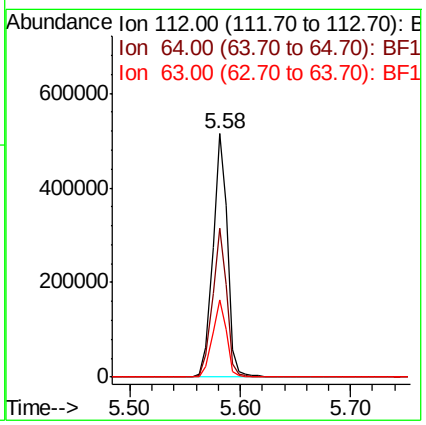
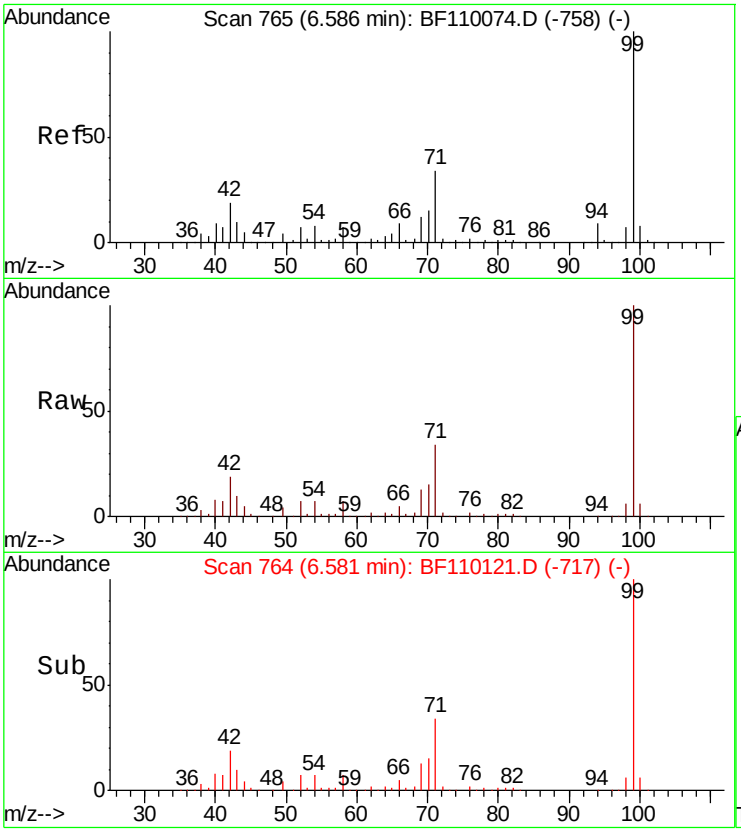


#5
2-Fluorophenol
Concen: 48.473 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:112 Resp: 463120

Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	31.8	23.7	35.5

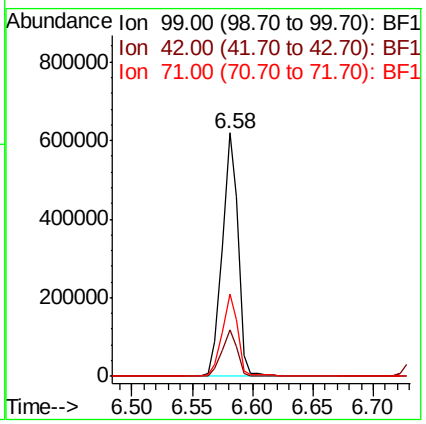




#7
Phenol-d6
Concen: 45.797 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion: 99 Resp: 559671

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	33.9	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

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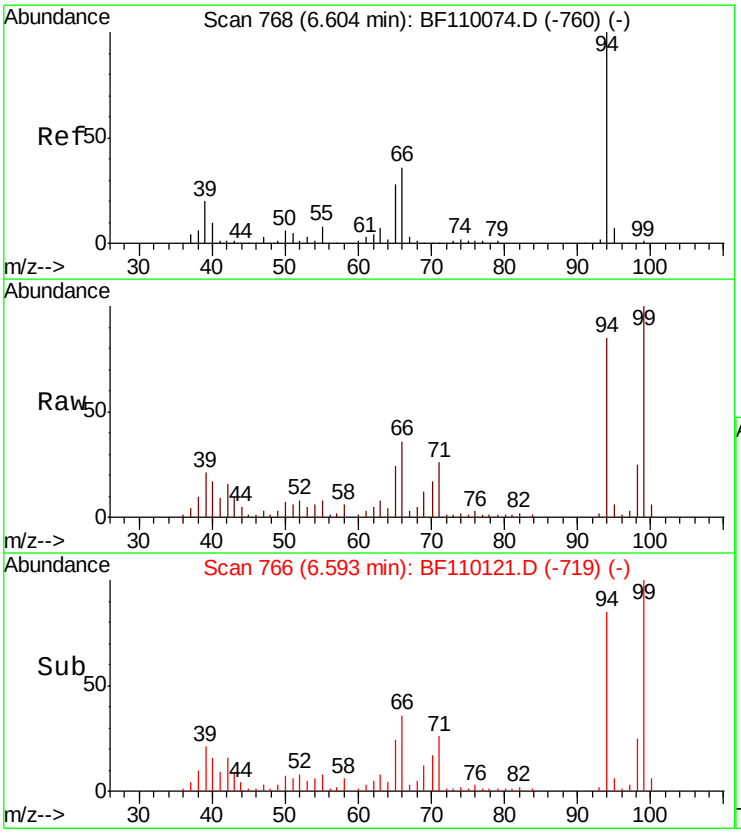
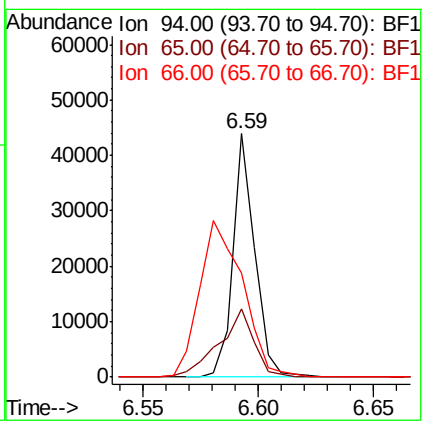
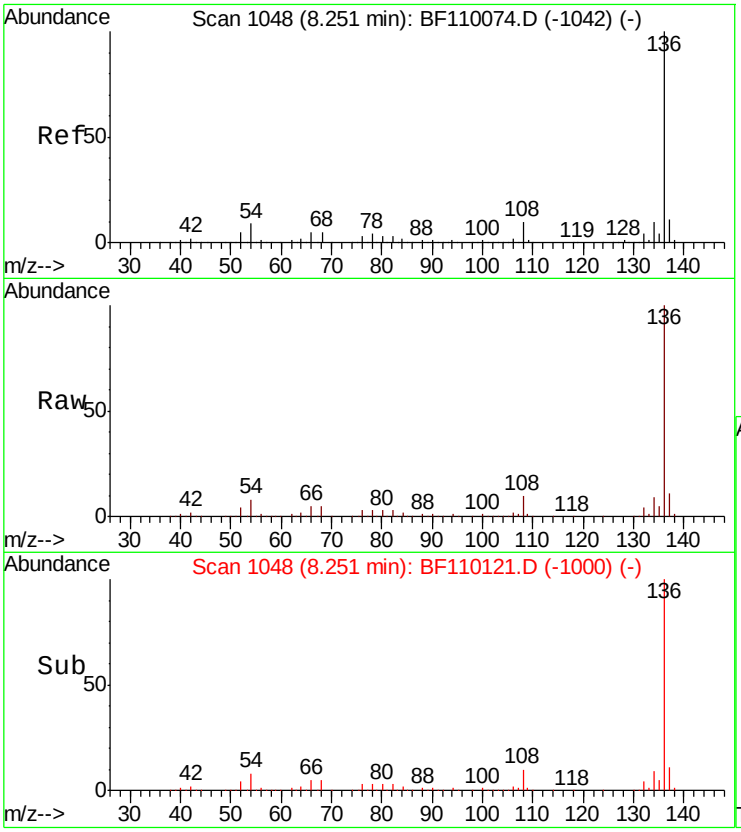


#10
Phenol
Concen: 2.221 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion: 94 Resp: 29009

Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.3	65.3
66	42.8	54.5	94.5#

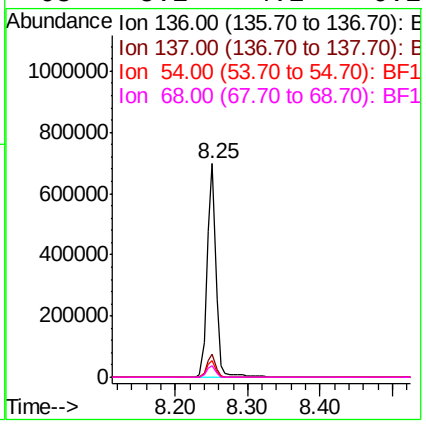




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:136 Resp: 587025

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.4	8.2
68	5.2	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
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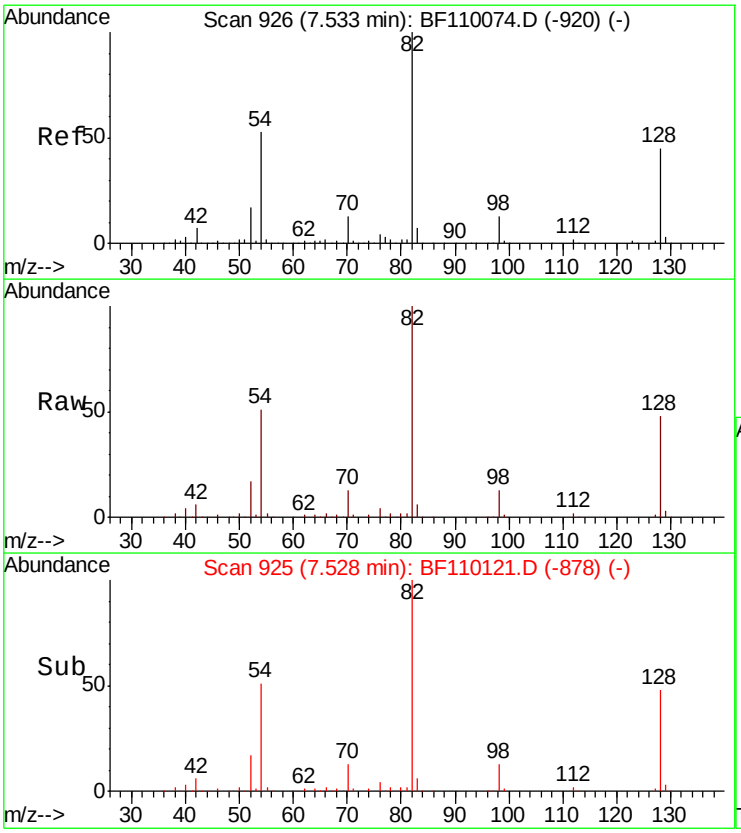
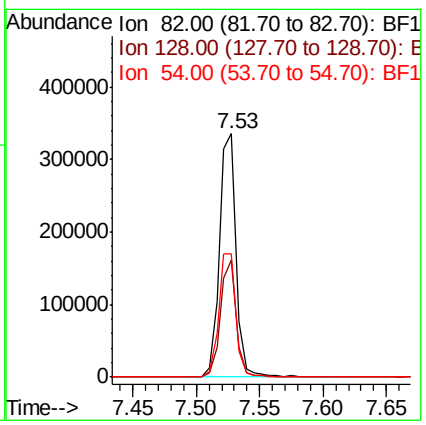
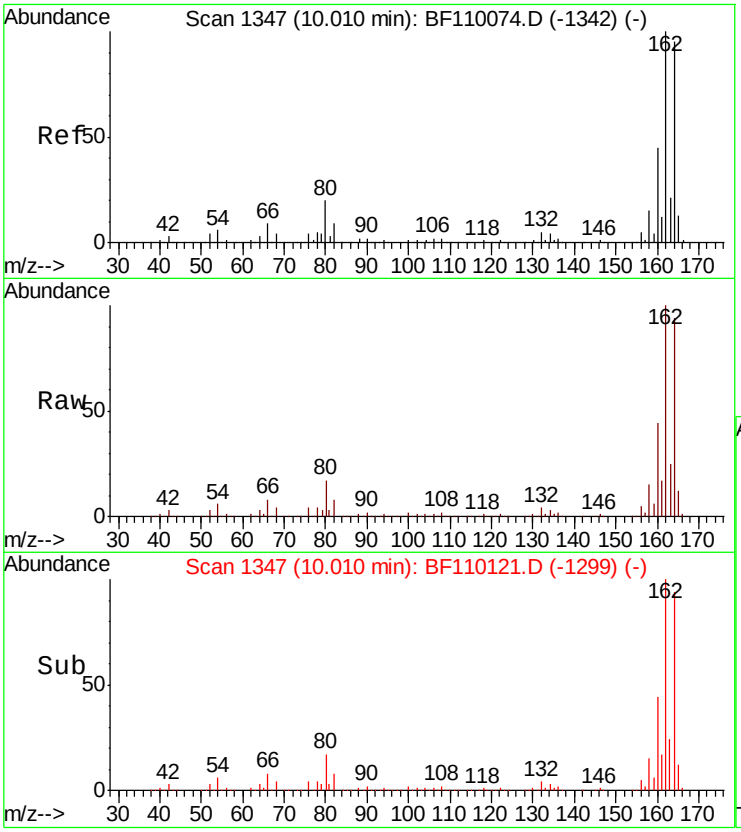


#23
Nitrobenzene-d5
Concen: 31.291 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion: 82 Resp: 309687

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.2	51.2
54	50.6	38.6	58.0

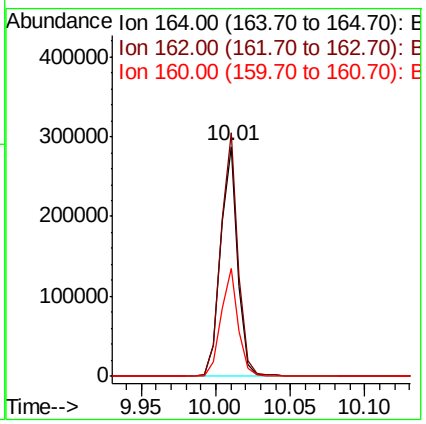




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:164 Resp: 232633

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.0	124.6
160	47.1	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
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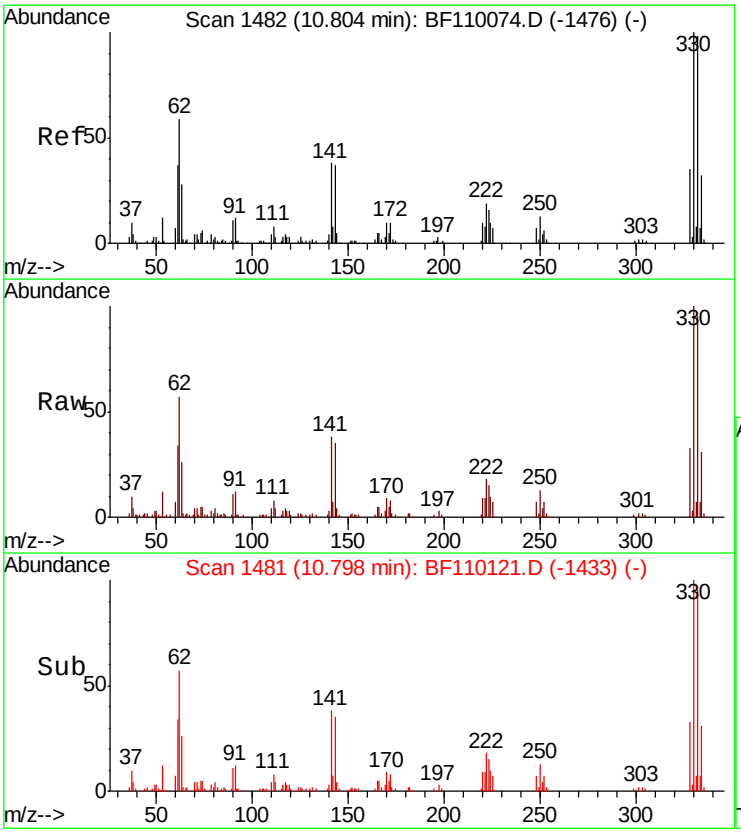
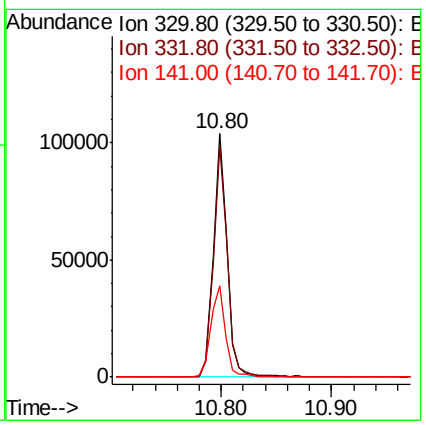
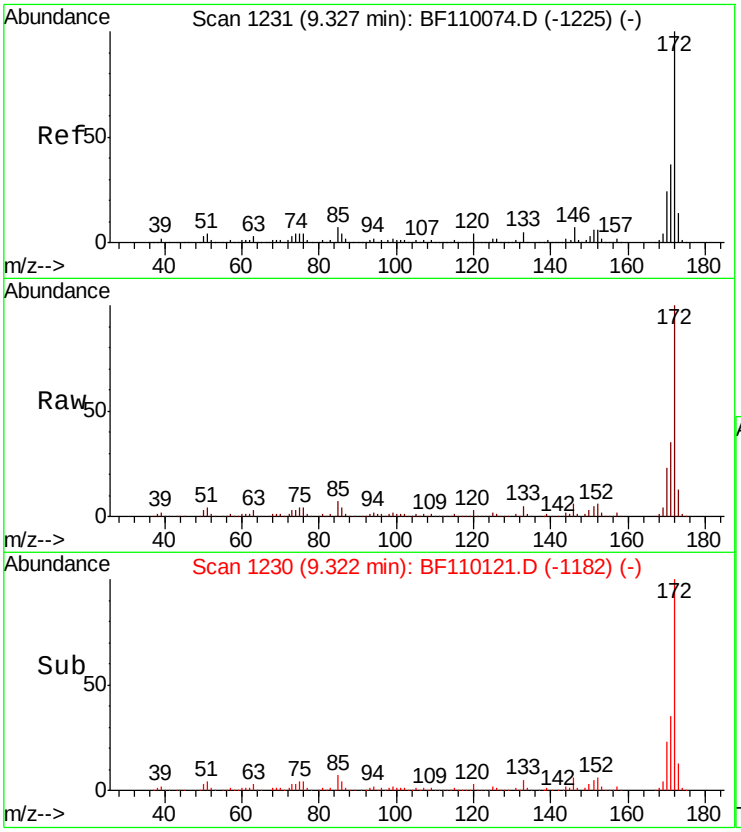


#42
2,4,6-Tribromophenol
Concen: 38.536 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:330 Resp: 88801

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	39.3	27.0	40.4

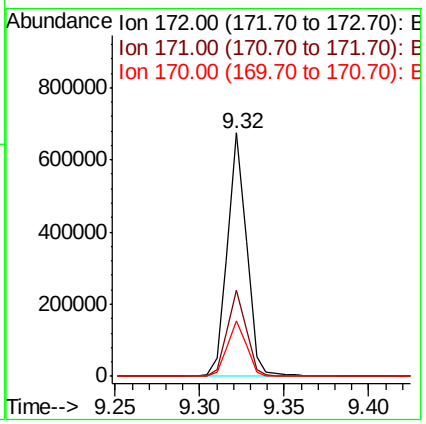




#45
2-Fluorobiphenyl
Concen: 36.030 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:172 Resp: 533786

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	22.7	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

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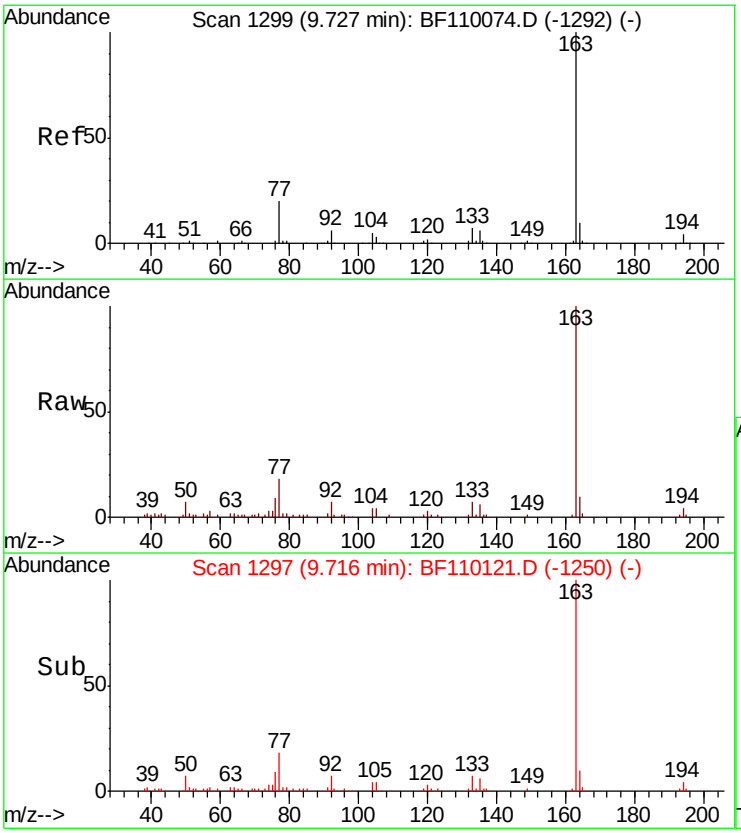
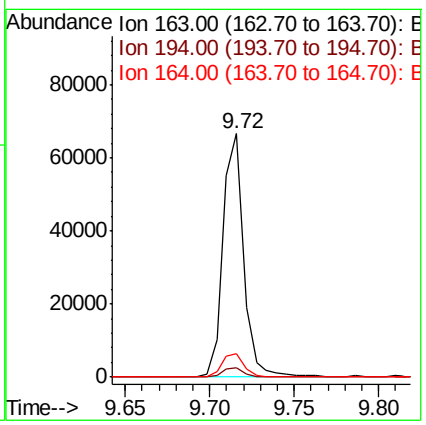
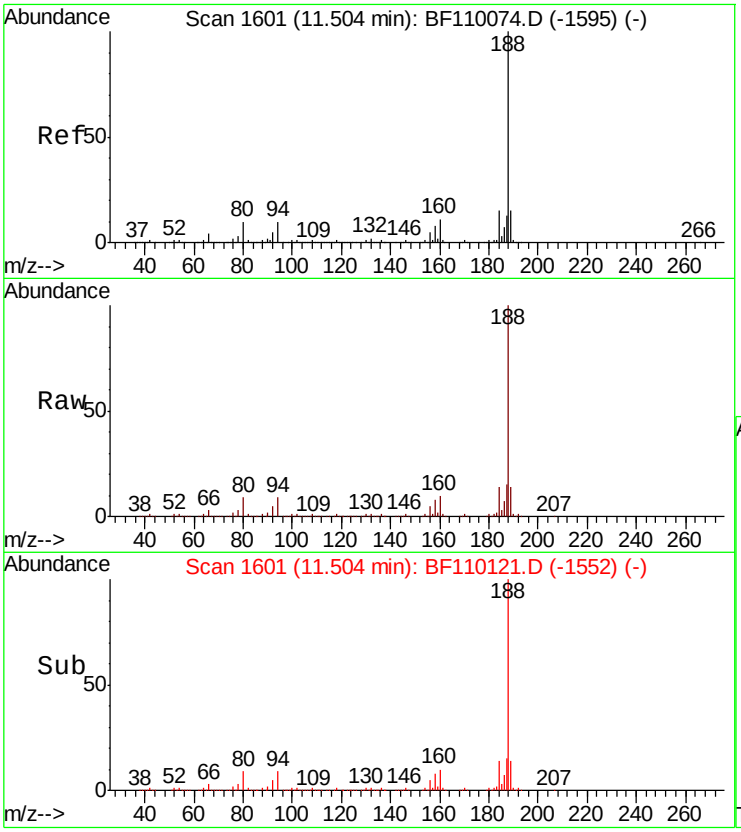


#50
Dimethylphthalate
Concen: 3.292 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:163 Resp: 56524

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.6	8.1	12.1

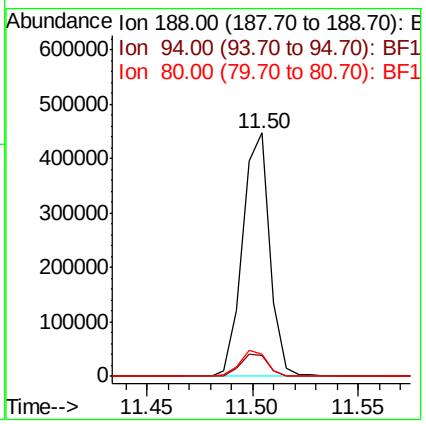




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:188 Resp: 399137

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.1	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

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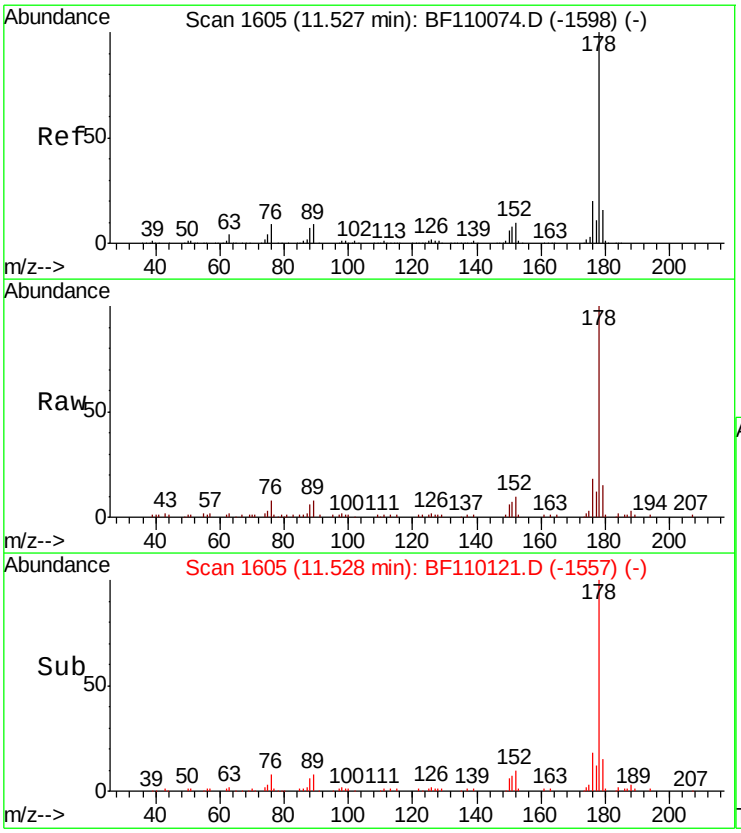
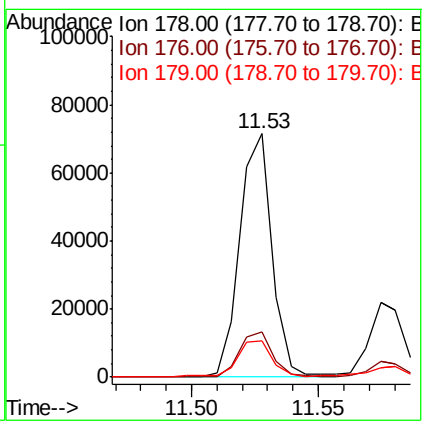
10/25/2018 12:41:46 PM

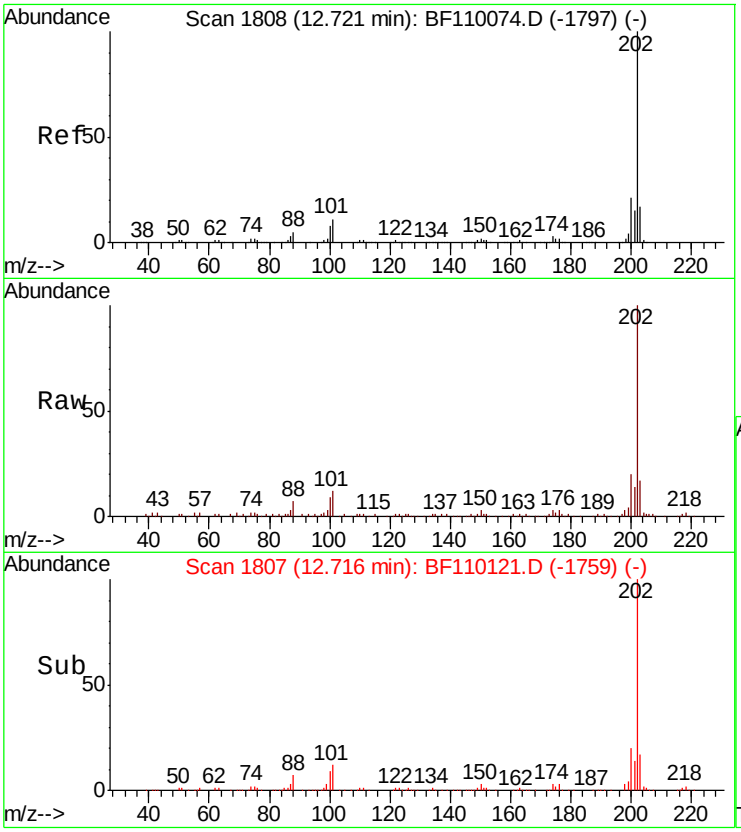


#71
Phenanthrene
Concen: 3.039 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:178 Resp: 63468

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	14.8	12.5	18.7

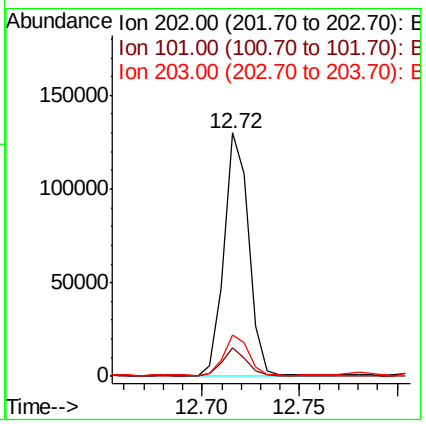




#75
Fluoranthene
Concen: 5.435 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:202 Resp: 115199

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.2	0.0	37.7



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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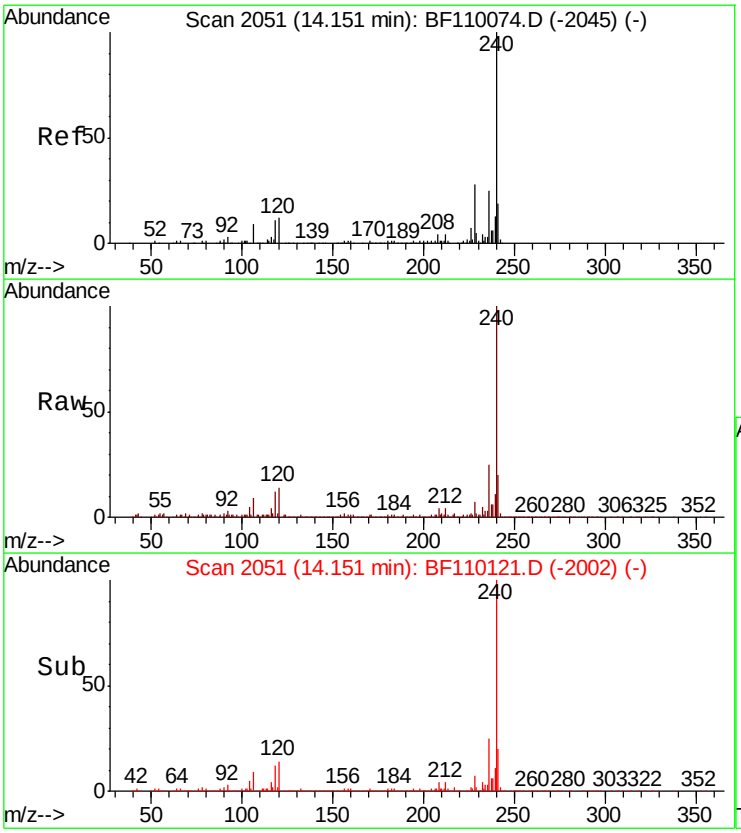
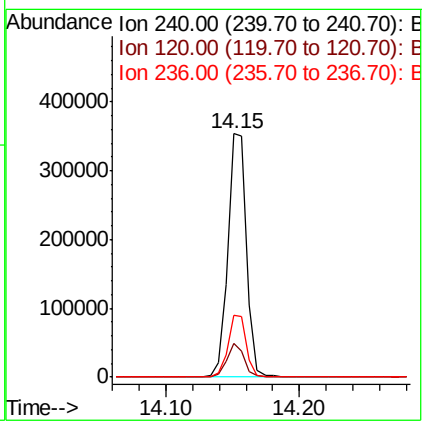
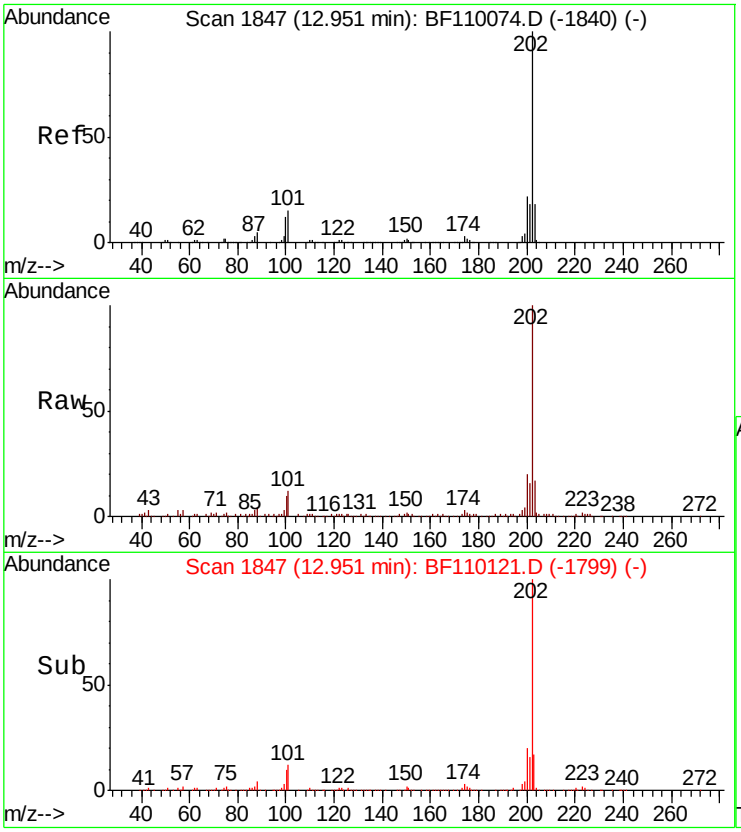


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:240 Resp: 346394

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	25.2	21.2	31.8

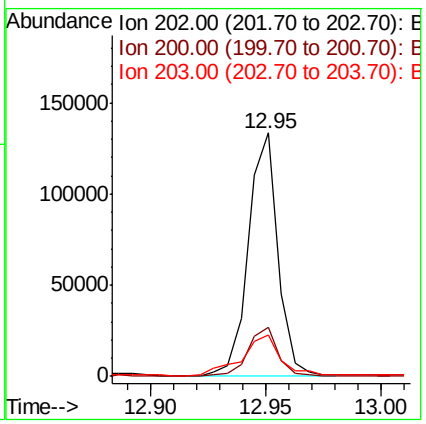




#78
Pyrene
Concen: 4.798 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

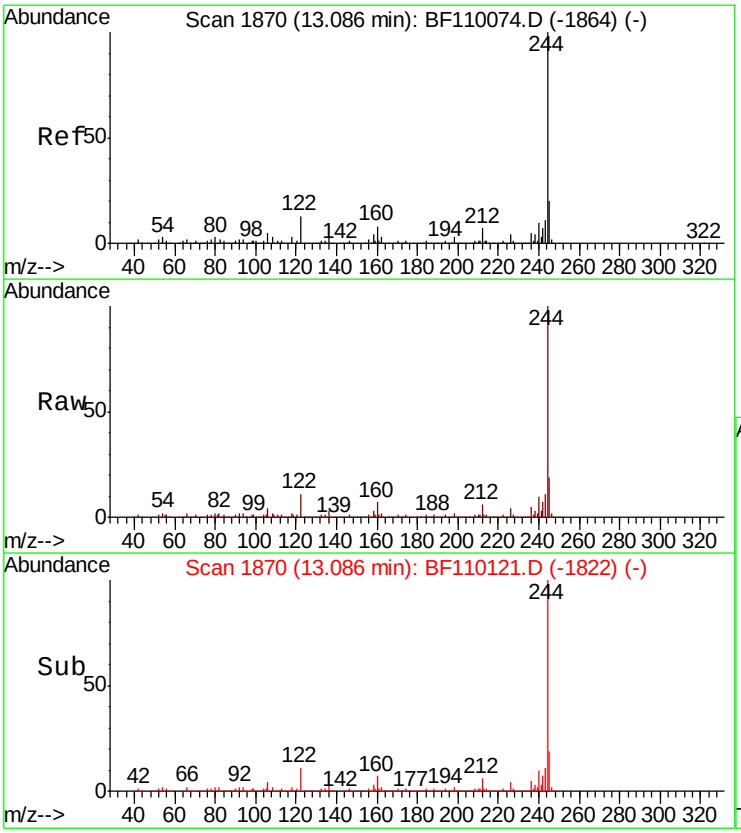
Tgt Ion:202 Resp: 119147

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.2	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

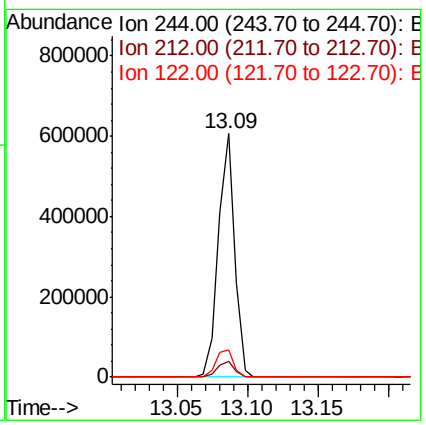
Manual Integrations APPROVED
Sohil
10/25/2018 12:41:46 PM

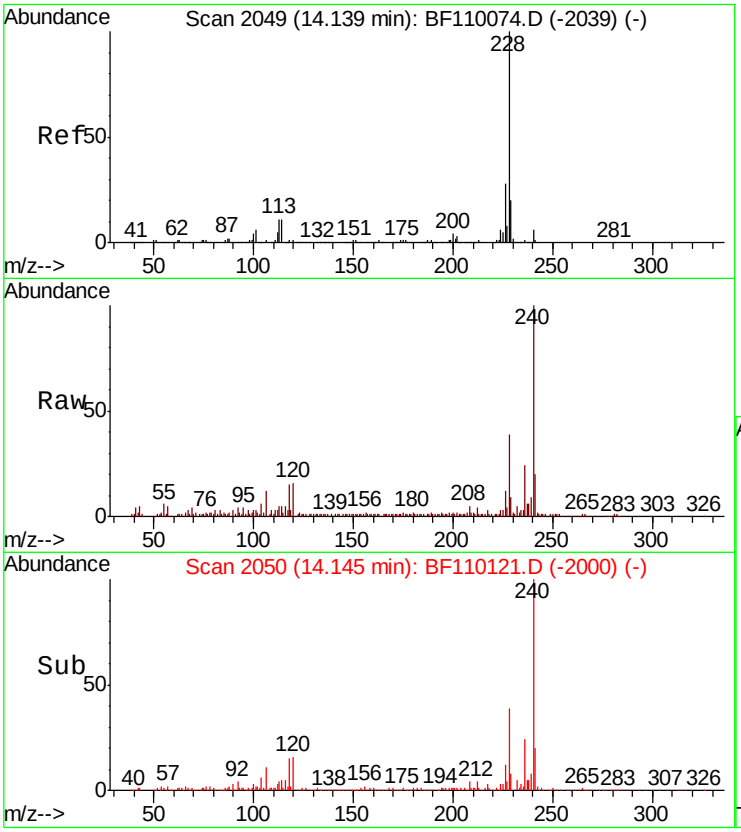


#79
Terphenyl-d14
Concen: 29.223 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:244 Resp: 486732

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.2	8.7	13.1

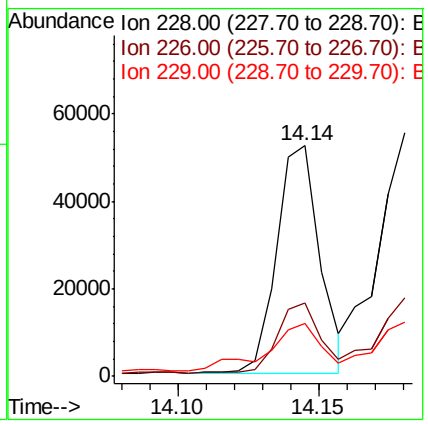




#81
Benzo(a)anthracene
Concen: 2.700 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:228 Resp: 55453

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.1	33.1
229	22.8	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
Sohil
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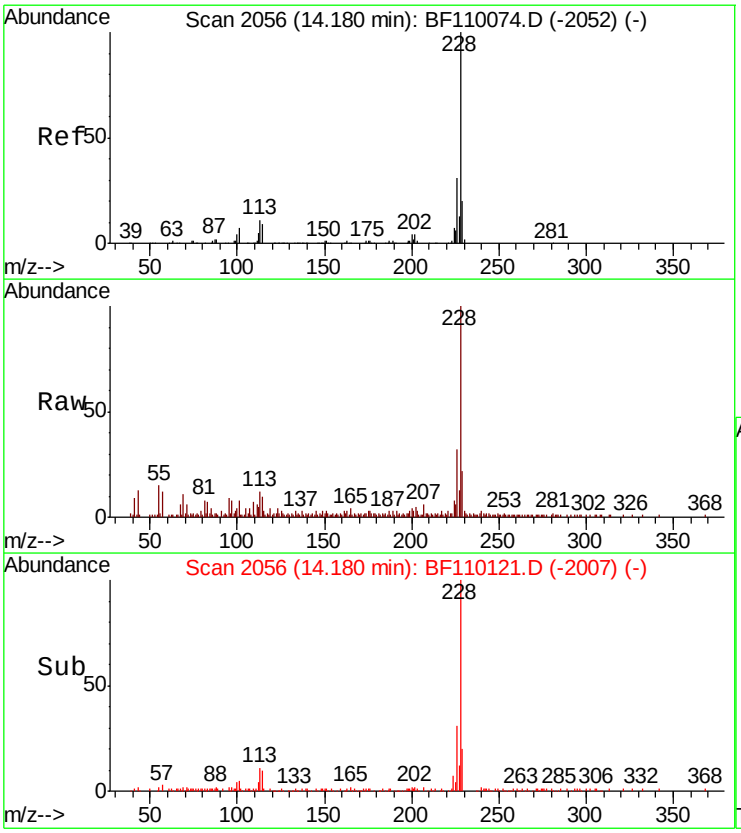
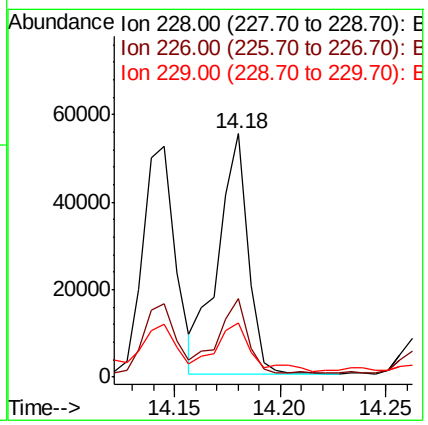
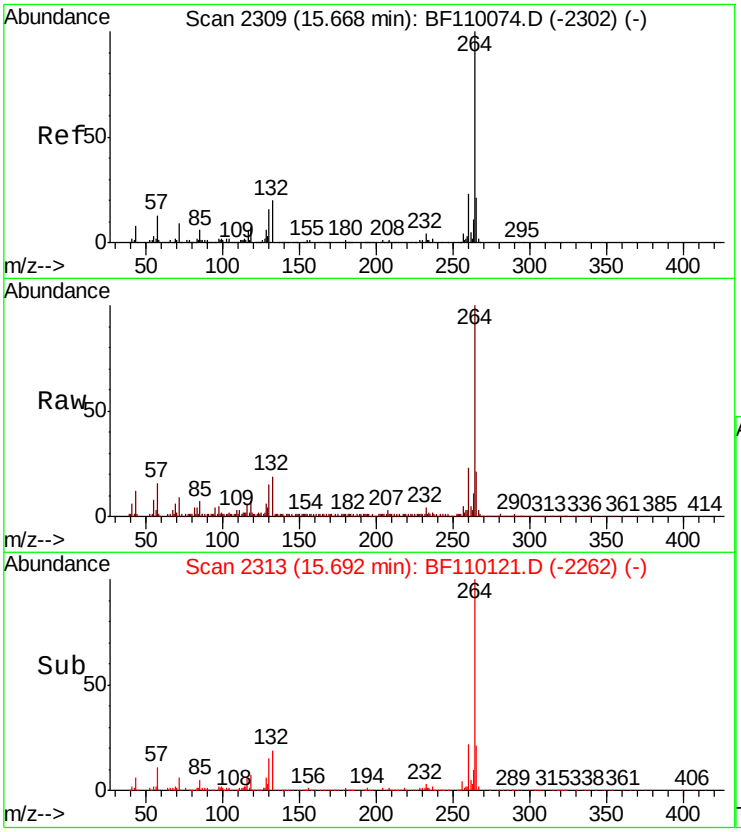


#83
Chrysene
Concen: 2.788 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:228 Resp: 54401

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	22.2	15.9	23.9

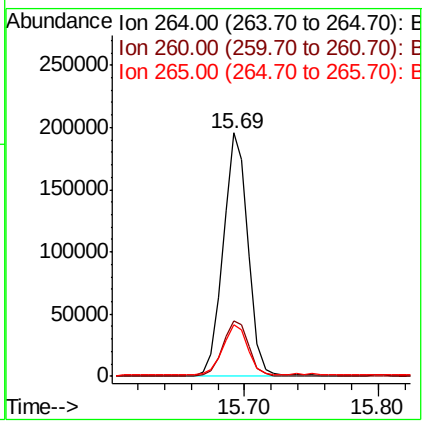




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

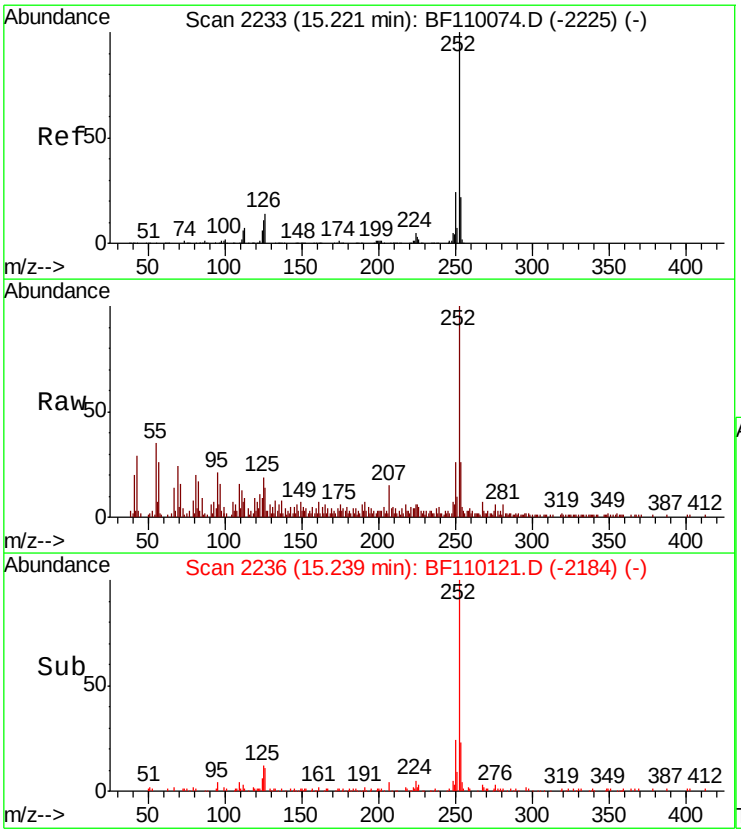
Tgt Ion:264 Resp: 253012

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.0	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

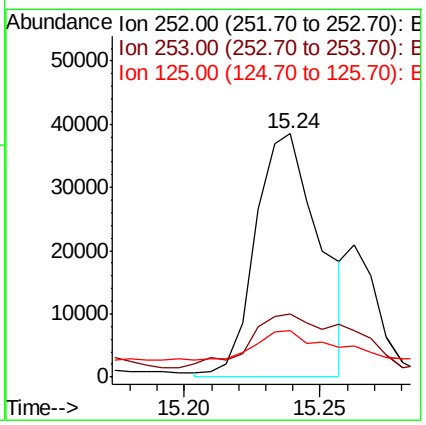
Manual Integrations APPROVED
Sohil
10/25/2018 12:41:46 PM

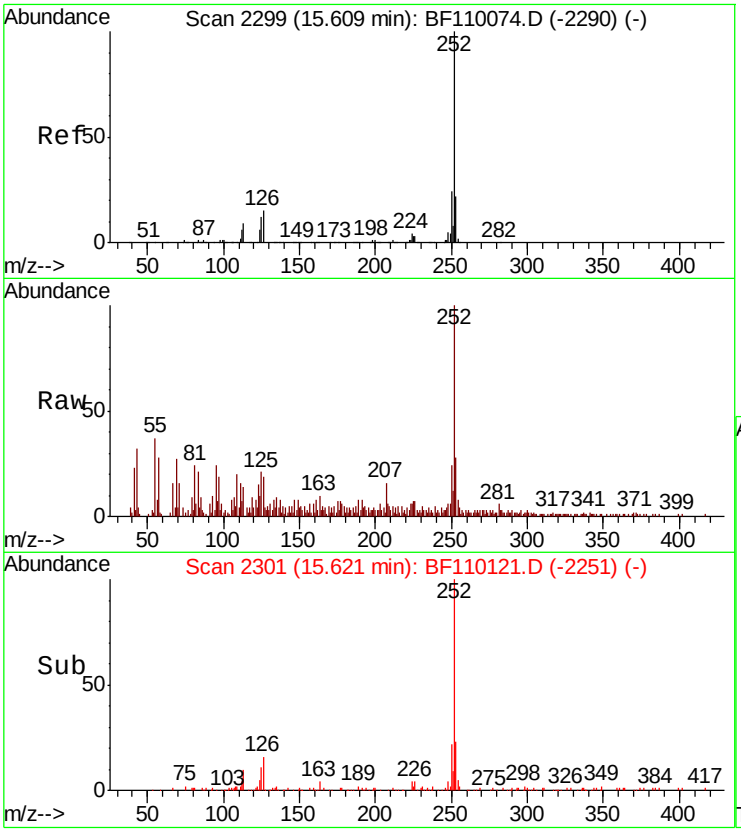


#88
Benzo(b)fluoranthene
Concen: 4.342 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:252 Resp: 63433

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.2	25.8#
125	19.1	8.2	12.4#





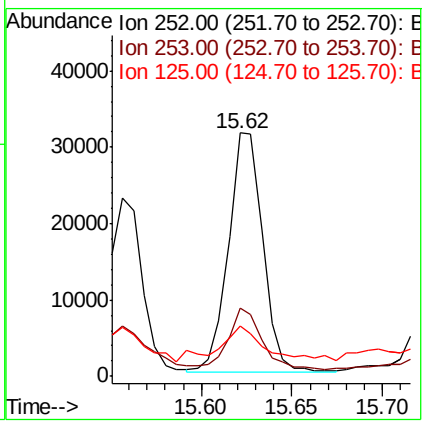
#90
Benzo(a)pyrene
Concen: 3.078 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

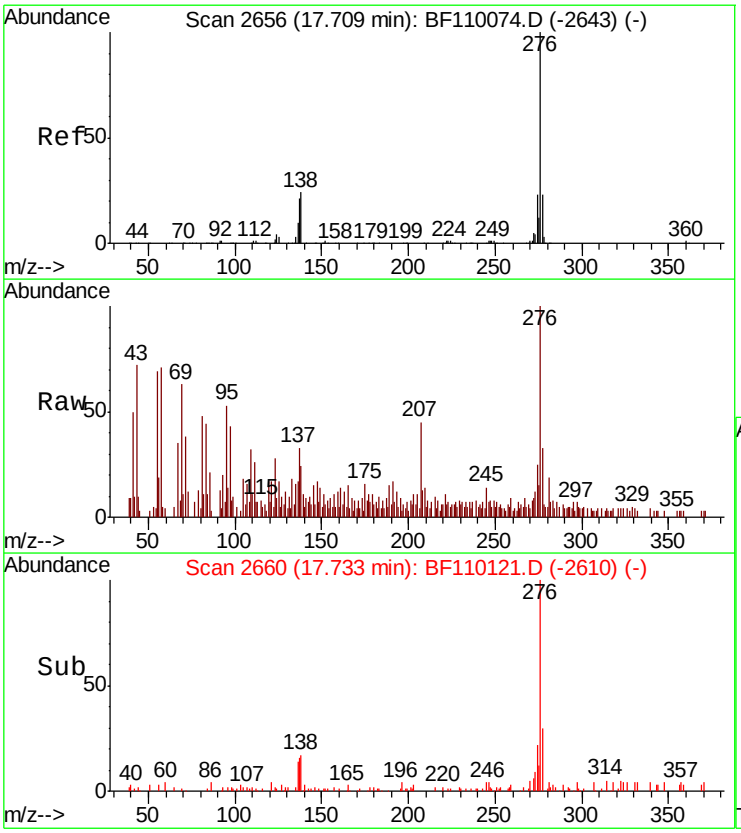
Tgt Ion:252 Resp: 41381

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.4#
125	20.8	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
CL-01-102318-A

Manual Integrations APPROVED
Sohil
10/25/2018 12:41:46 PM





#92
Benzo(g,h,i)perylene
Concen: 2.021 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110121.D
Acq: 24 Oct 2018 18:05

Tgt Ion:276 Resp: 23102

Ion	Ratio	Lower	Upper
276	100		
277	33.2	18.8	28.2#
138	24.3	16.0	24.0#