Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108117.D
Acq On : 13 Aug 2018 15:43
Operator : JU/SJ
Sample : J4272-21 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
Sohil
8/14/2018 2:36:34 PM

Quant Time: Aug 13 17:34:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	275110	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	986797	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	442009	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	772468	20.00	ng		0.01
75) Chrysene-d12	14.24	240	629691	20.00	ng		0.02
86) Perylene-d12	15.82	264	425709	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	733557	48.27	ng		0.01
7) Phenol-d6	6.64	99	974483	48.26	ng		0.00
23) Nitrobenzene-d5	7.58	82	610961	34.55	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	199069	45.15	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1046833	38.02	ng		0.00
78) Terphenyl-d14	13.16	244	958642	38.71	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.77	163	83468	2.711	ng	#	99
70) Phenanthrene	11.60	178	565059	15.509	ng		99
71) Anthracene	11.65	178	193314	5.177	ng		99
74) Fluoranthene	12.80	202	1370291	34.461	ng		96
77) Pyrene	13.03	202	1236489	31.016	ng		99
80) Benzo(a)anthracene	14.22	228	711681	19.694	ng		98
82) Chrysene	14.26	228	541133	16.333	ng		97
85) Indeno(1,2,3-cd)pyrene	17.46	276	199621	6.954	ng	#	88
87) Benzo(b)fluoranthene	15.34	252	621157m	24.419	ng		
88) Benzo(k)fluoranthene	15.37	252	181960m	7.782	ng		
89) Benzo(a)pyrene	15.74	252	382276	16.782	ng		95
90) Dibenzo(a,h)anthracene	17.47	278	53910	2.860	ng	#	76
91) Benzo(g,h,i)perylene	17.96	276	186952	10.074	ng	#	88

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108117.D
Acq On : 13 Aug 2018 15:43
Operator : JU/SJ
Sample : J4272-21 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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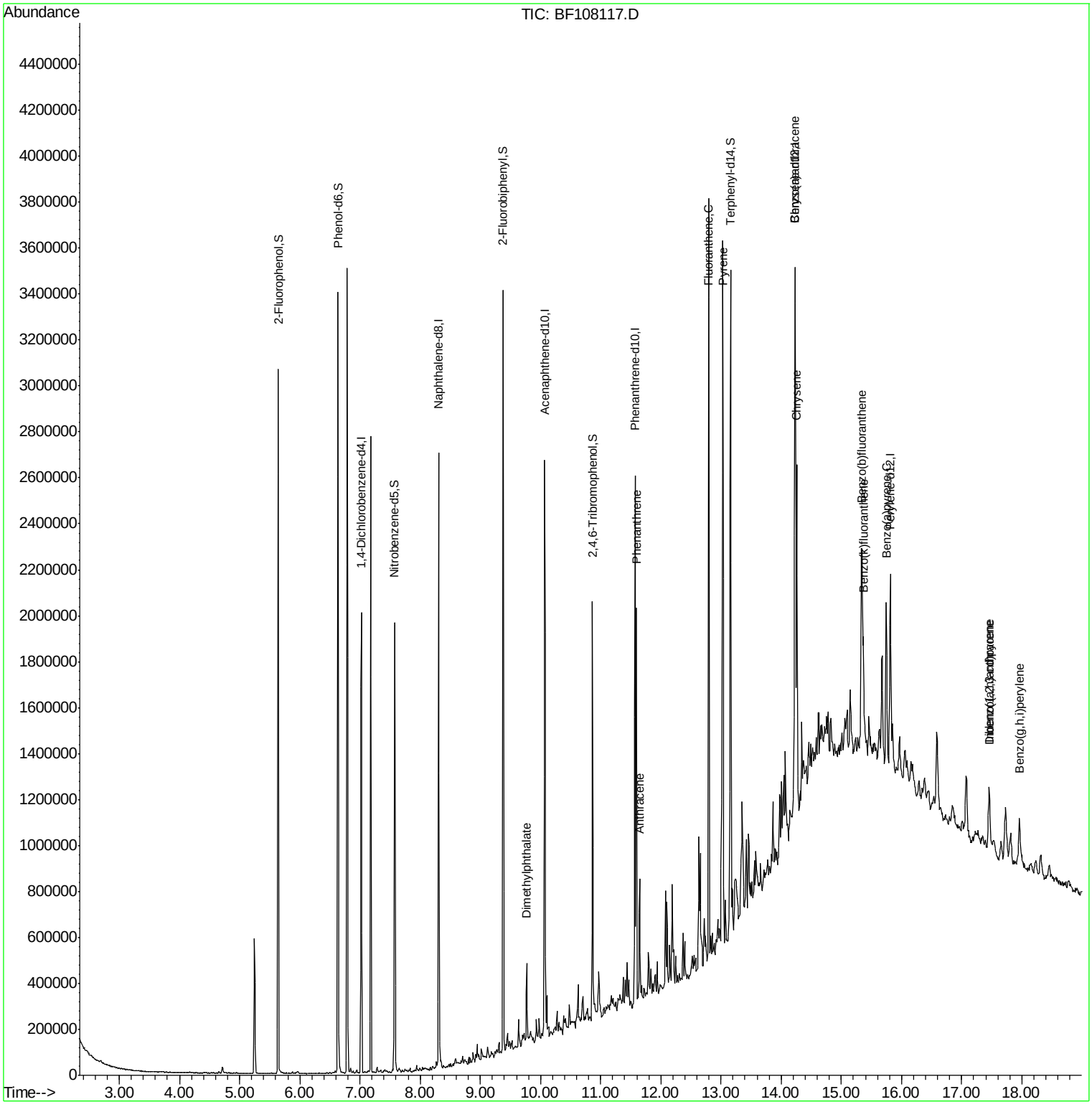
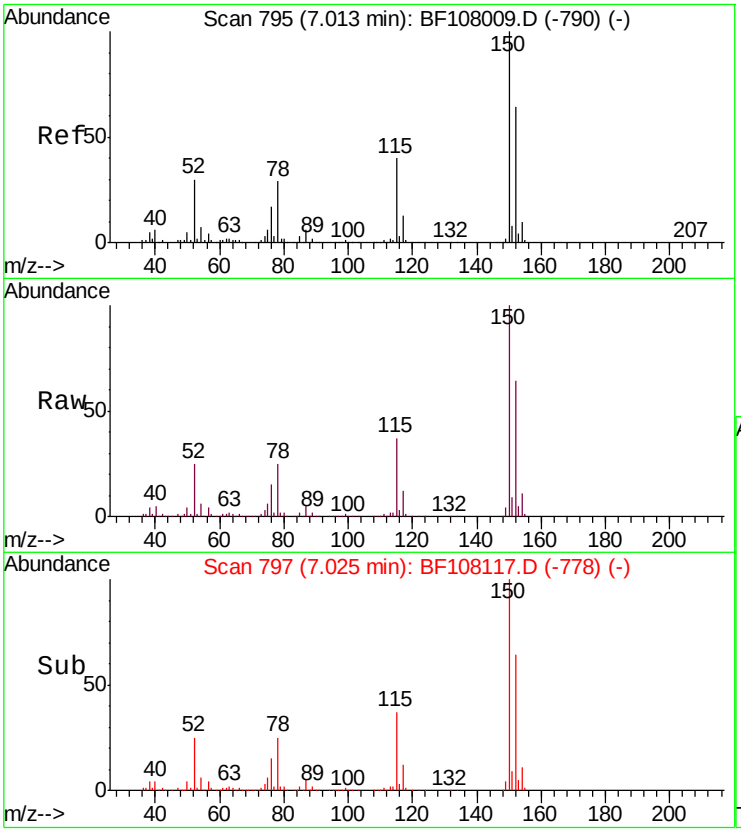
Manual Integrations APPROVED
Sohil
8/14/2018 2:36:34 PM

Quant Time: Aug 13 17:34:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

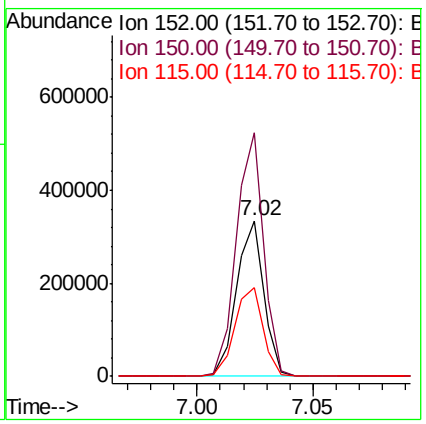




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:152 Resp: 275110

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.2	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
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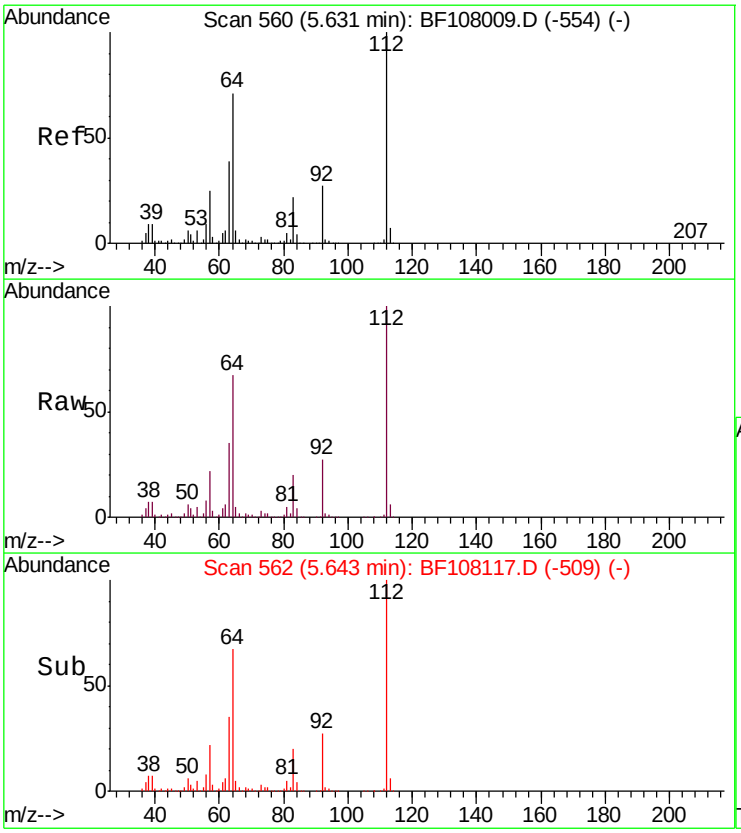
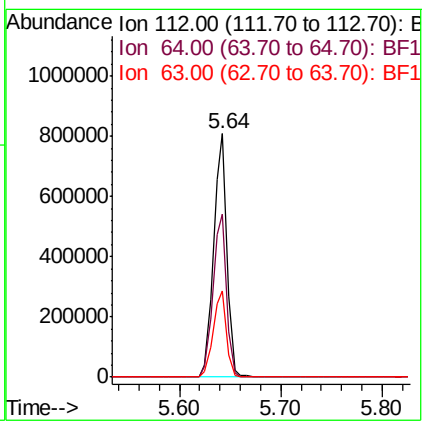
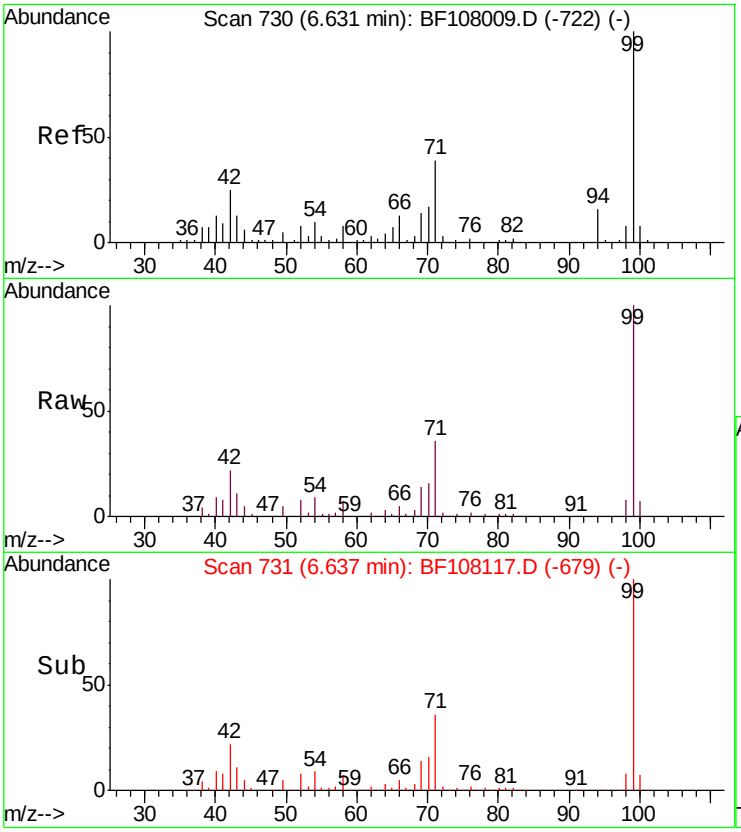


#5
2-Fluorophenol
Concen: 48.274 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:112 Resp: 733557

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	35.2	23.7	35.5

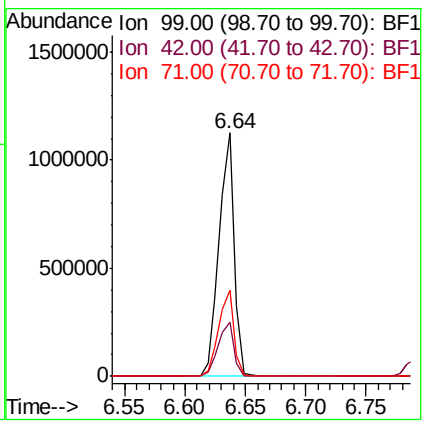




#7
Phenol-d6
Concen: 48.259 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

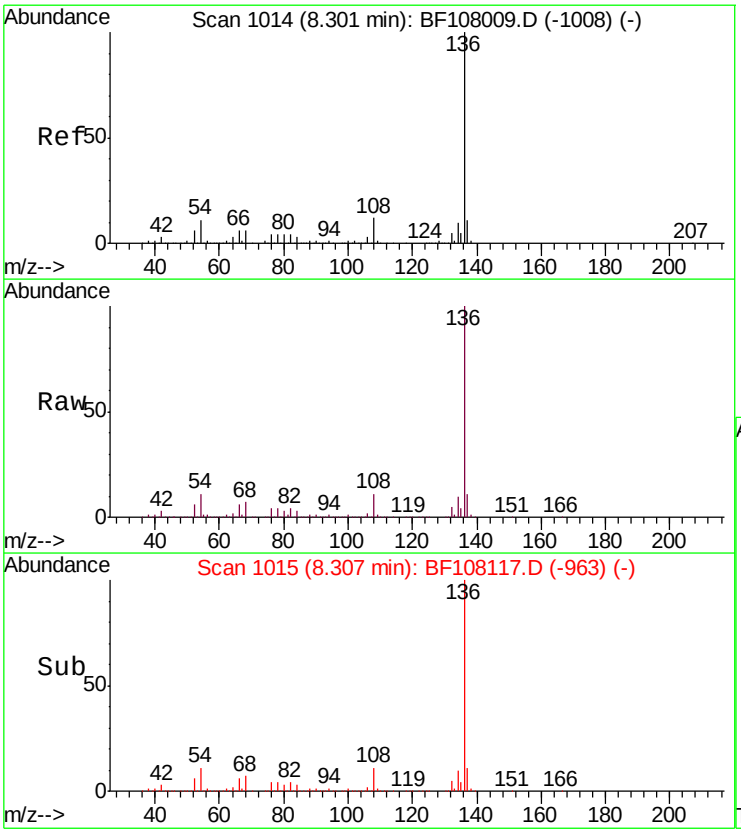
Tgt Ion: 99 Resp: 974483

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	35.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

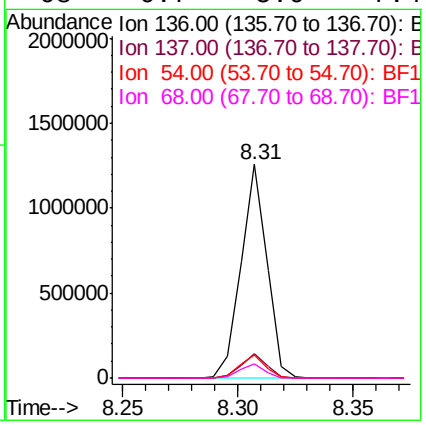
Manual Integrations APPROVED
Sohil
8/14/2018 2:36:34 PM

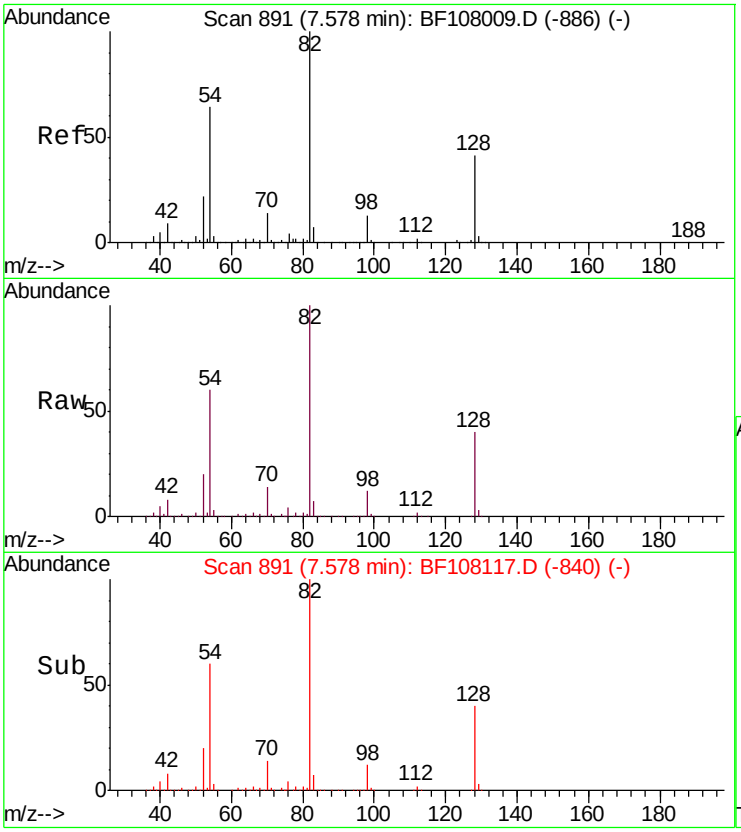


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:136 Resp: 986797

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.5	6.6	9.8#
68	6.7	5.0	7.4

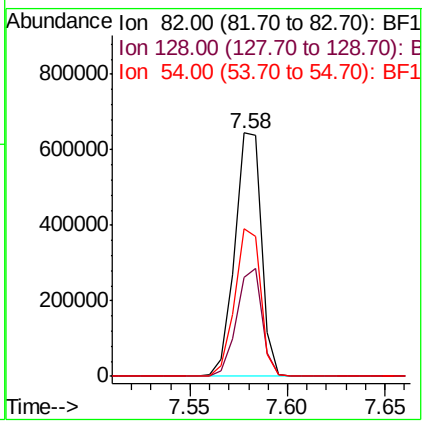




#23
Nitrobenzene-d5
Concen: 34.549 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion: 82 Resp: 610961

Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	60.4	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
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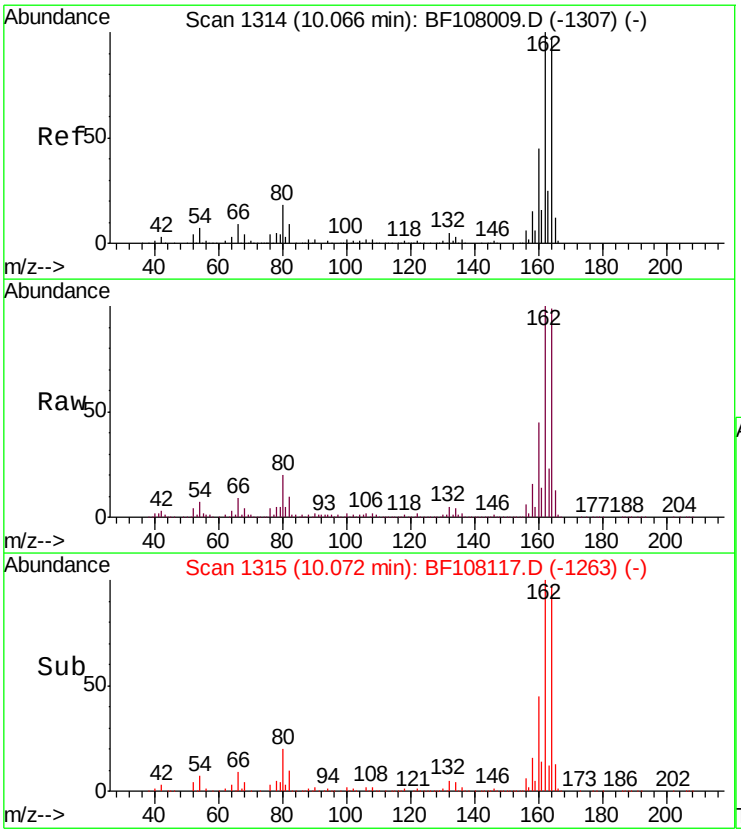
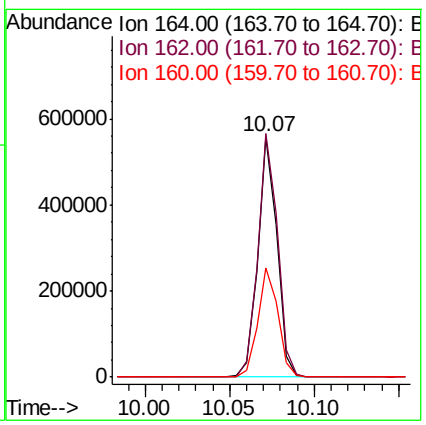
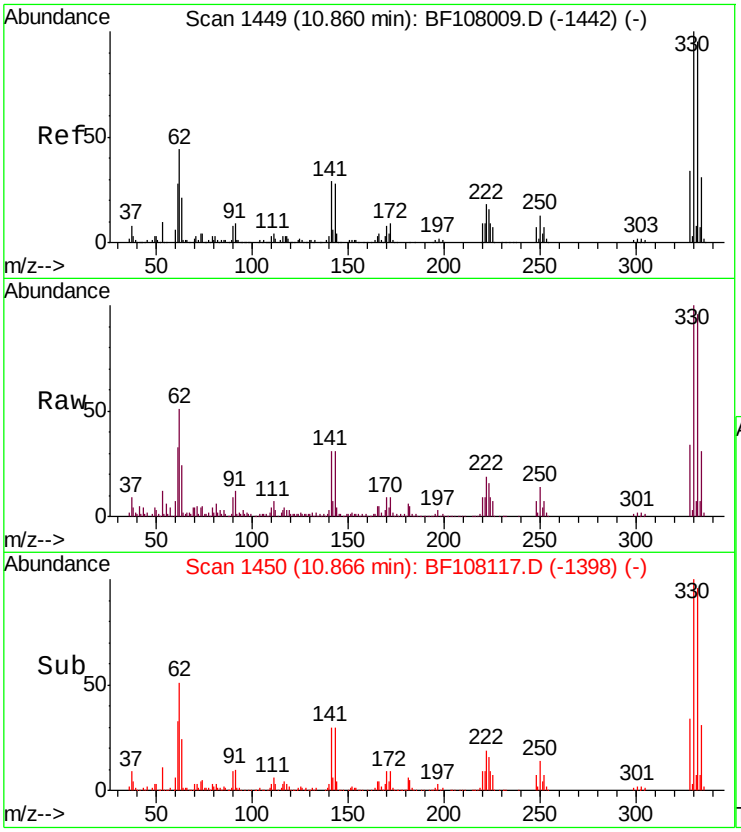


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:164 Resp: 442009

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.8	38.3	57.5

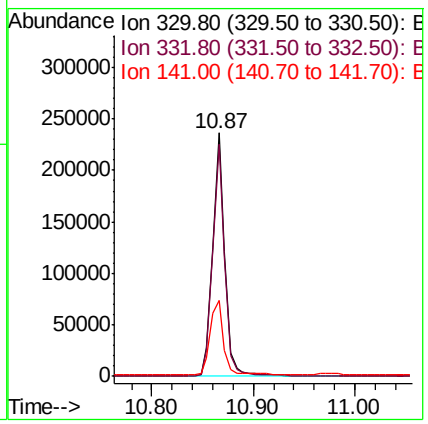




#41
2,4,6-Tribromophenol
Concen: 45.151 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:330 Resp: 199069

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.2	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
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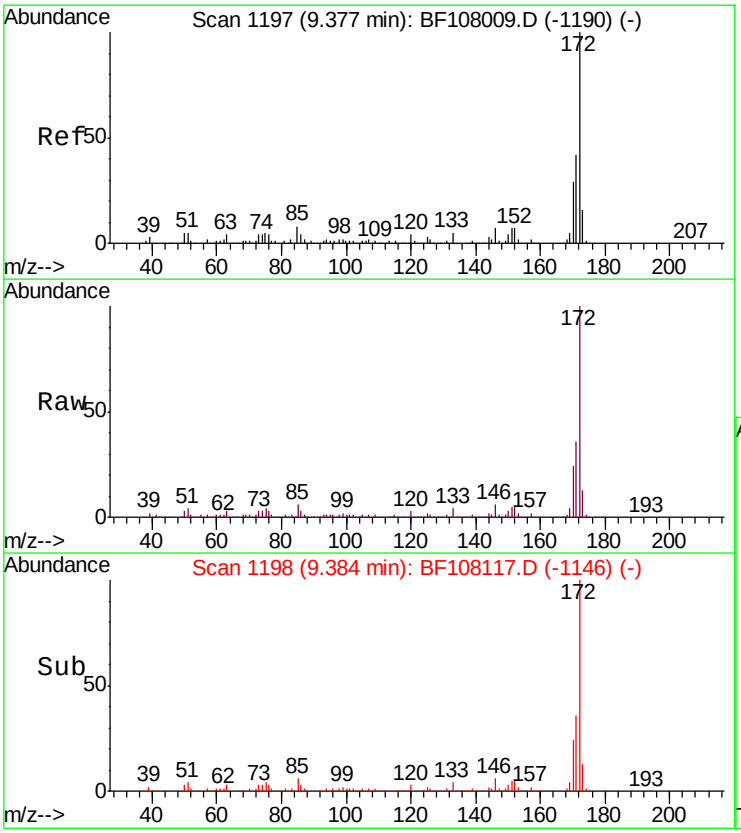
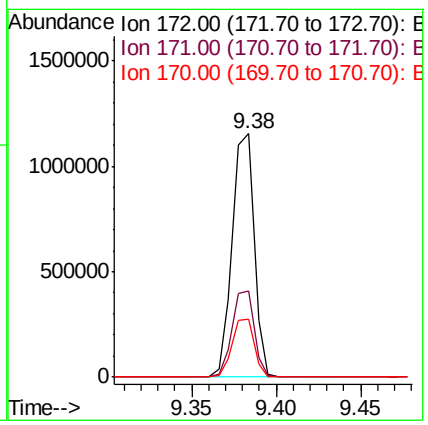
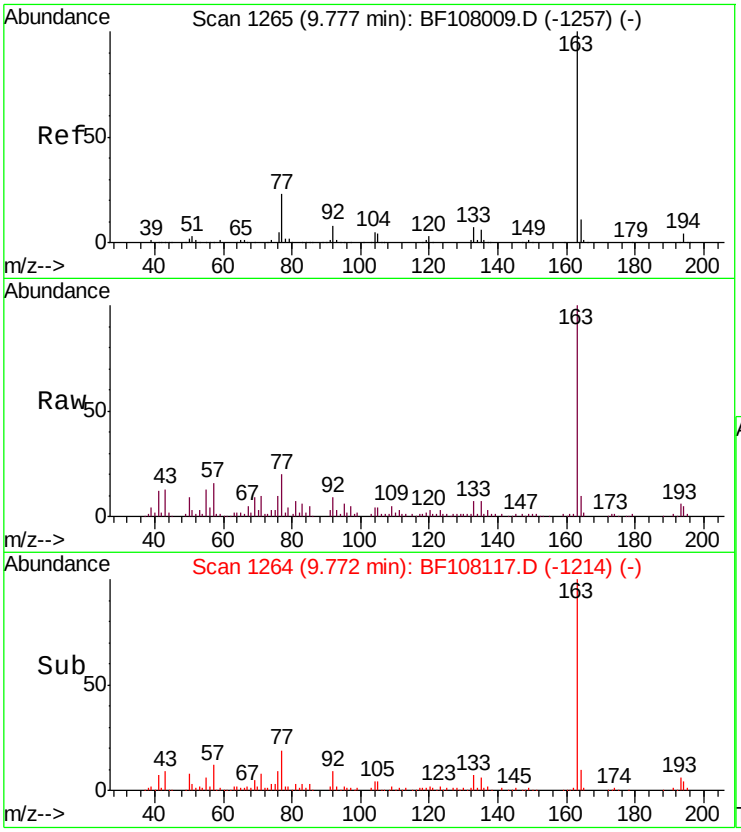


#44
2-Fluorobiphenyl
Concen: 38.023 ng
RT: 9.38 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:172 Resp: 1046833

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

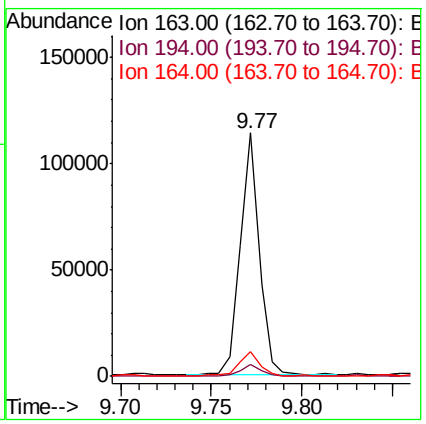




#49
Dimethylphthalate
Concen: 2.711 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:163 Resp: 83468

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

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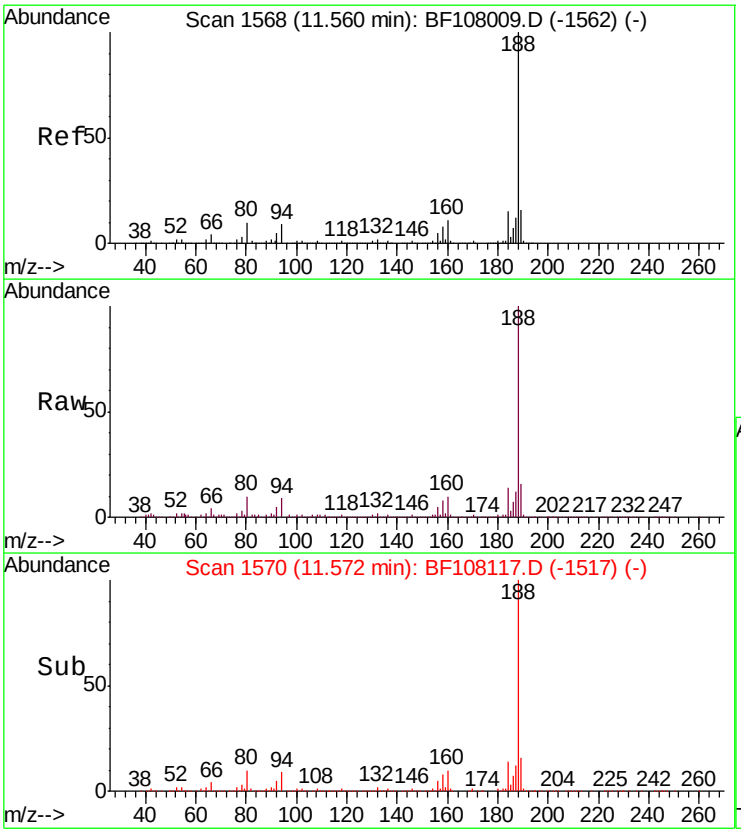
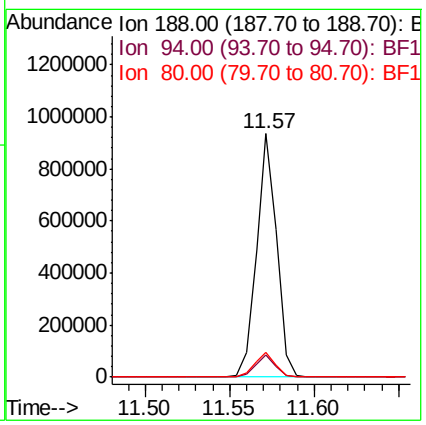
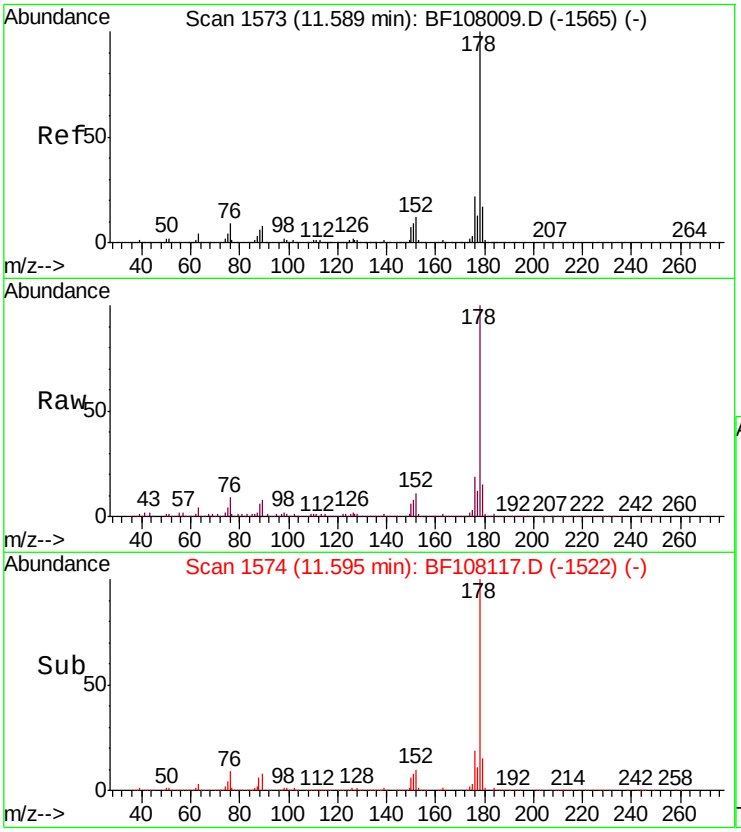


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:188 Resp: 772468

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

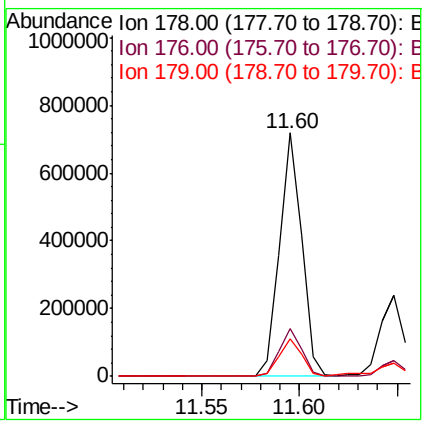




#70
Phenanthrene
Concen: 15.509 ng
RT: 11.60 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:178 Resp: 565059

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
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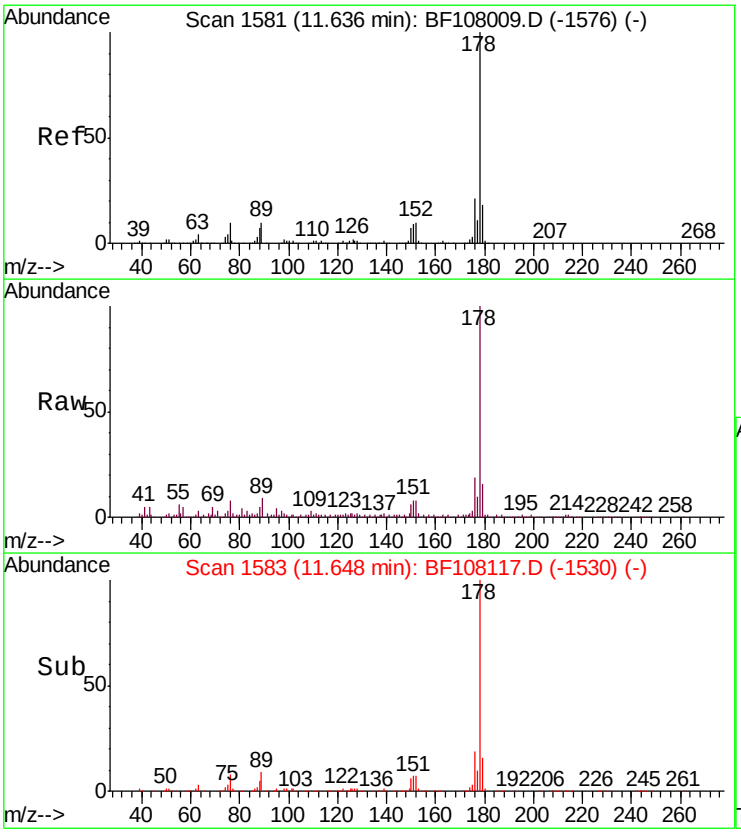
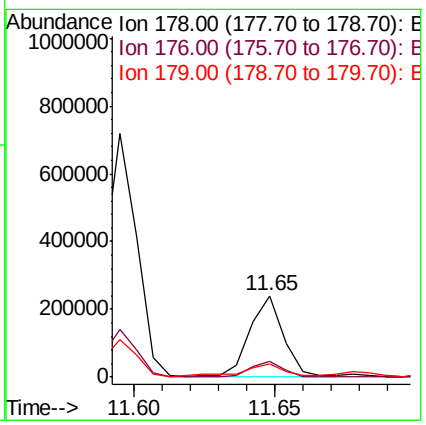
8/14/2018 2:36:34 PM

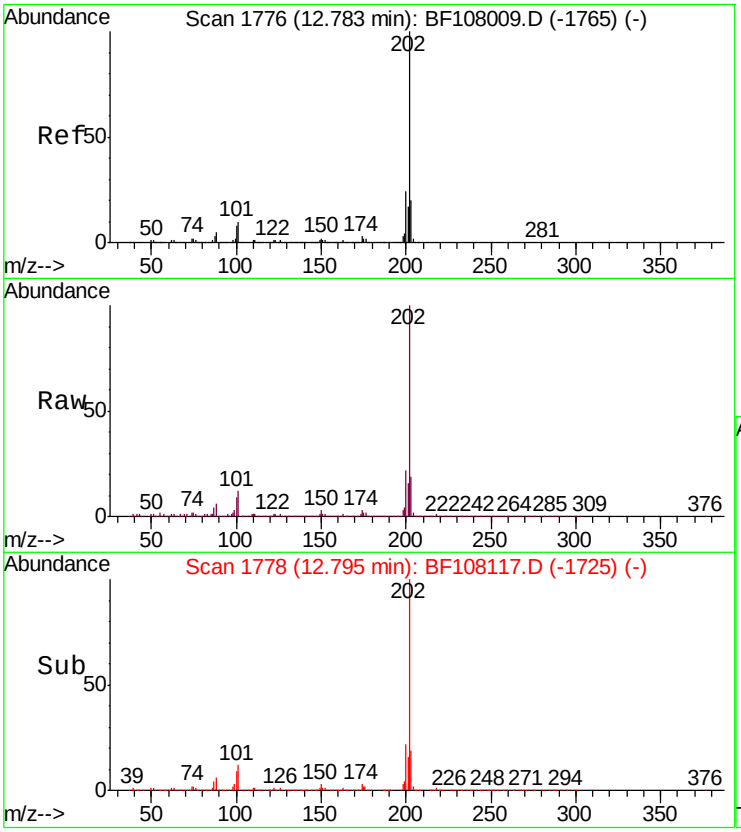


#71
Anthracene
Concen: 5.177 ng
RT: 11.65 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:178 Resp: 193314

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.2	12.6	19.0

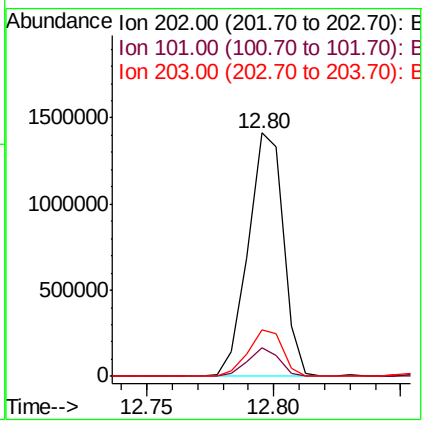




#74
Fluoranthene
Concen: 34.461 ng
RT: 12.80 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:202 Resp: 1370291

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	19.0	0.0	38.1



Instrument :
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Manual Integrations APPROVED
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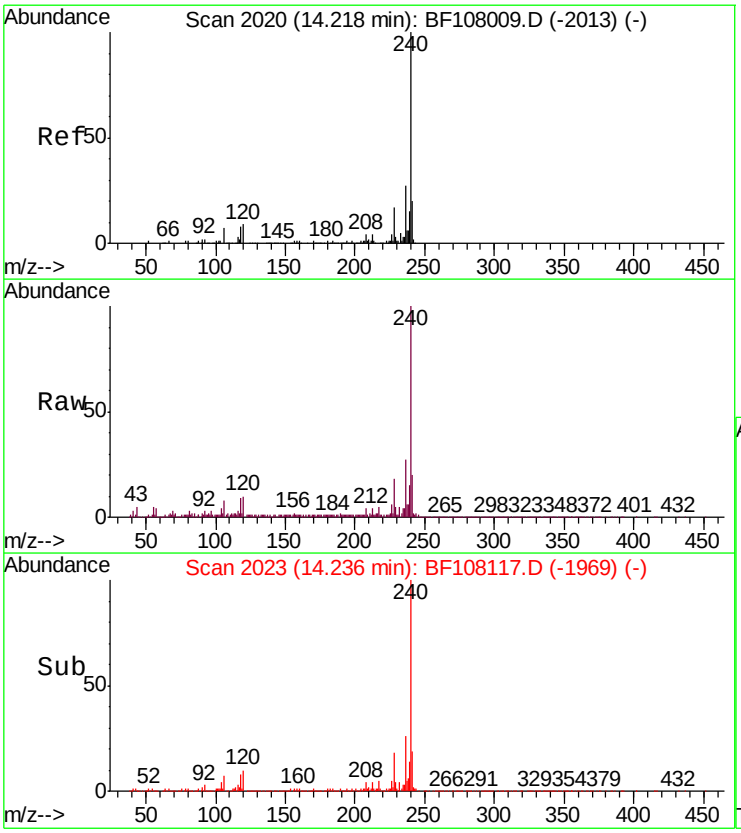
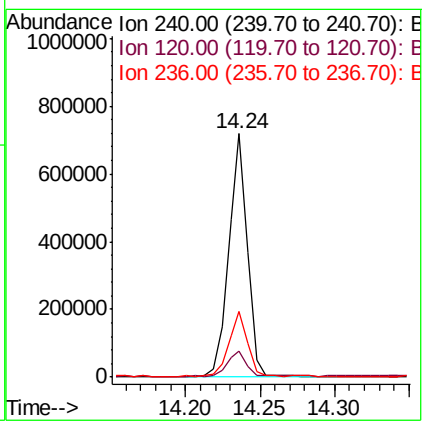
8/14/2018 2:36:34 PM

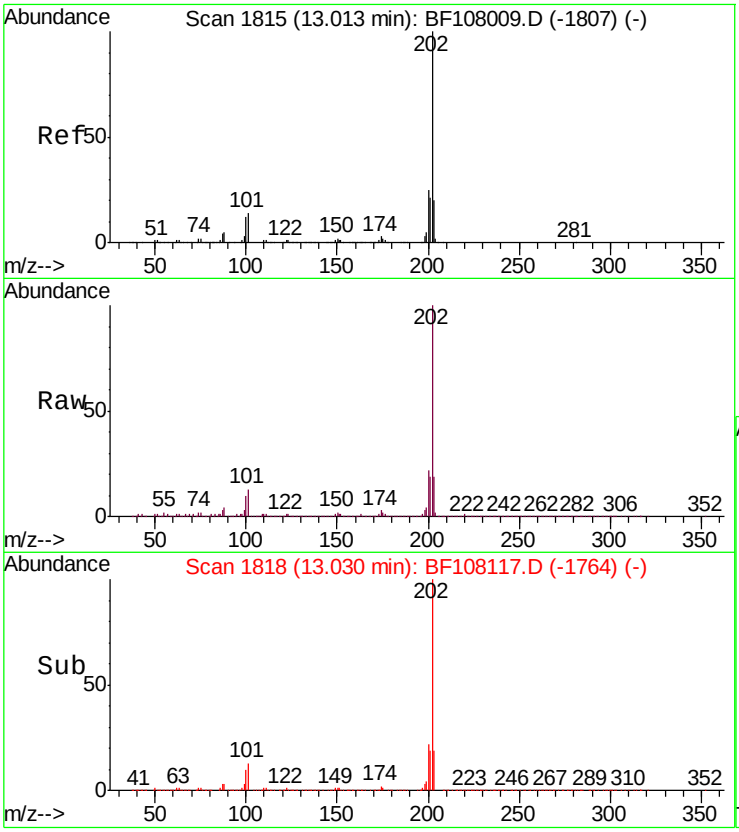


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.24 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:240 Resp: 629691

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.8	20.7	31.1

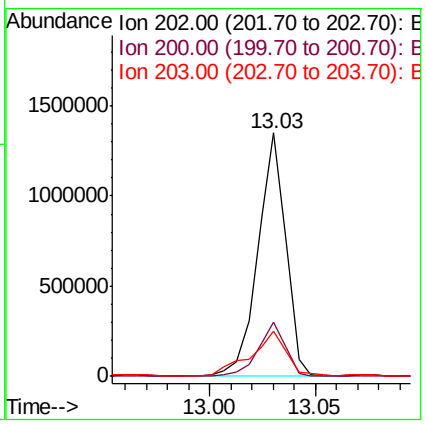




#77
Pyrene
Concen: 31.016 ng
RT: 13.03 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

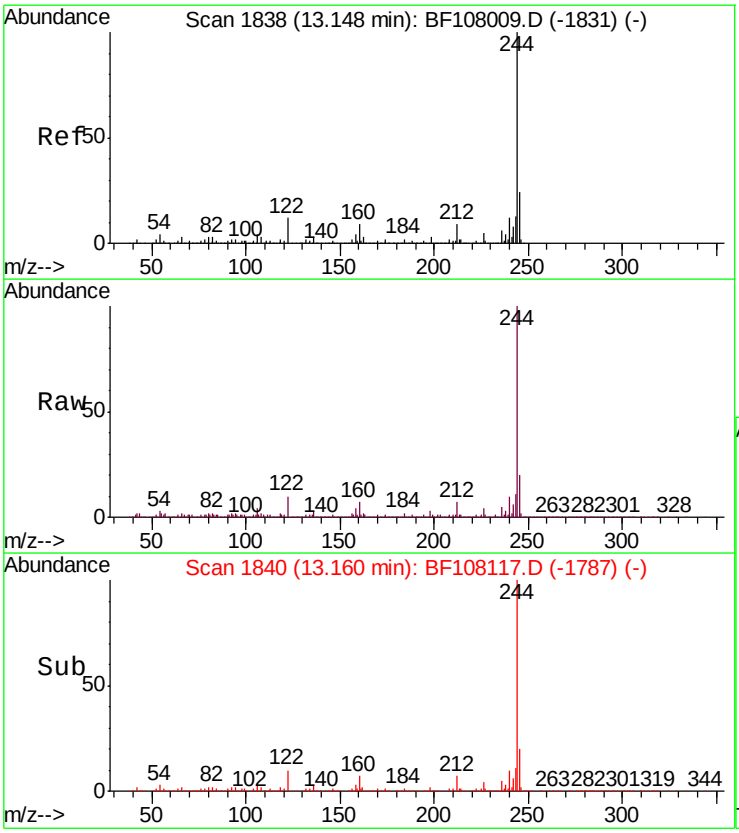
Tgt Ion:202 Resp: 1236489

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

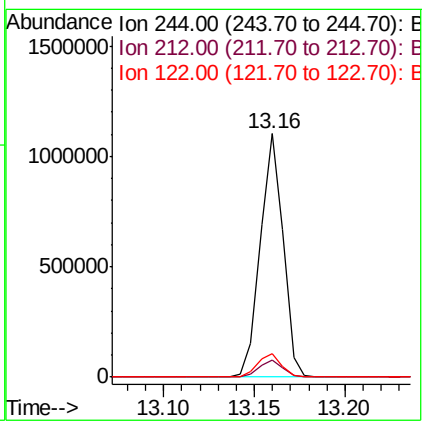
Manual Integrations APPROVED
Sohil
8/14/2018 2:36:34 PM

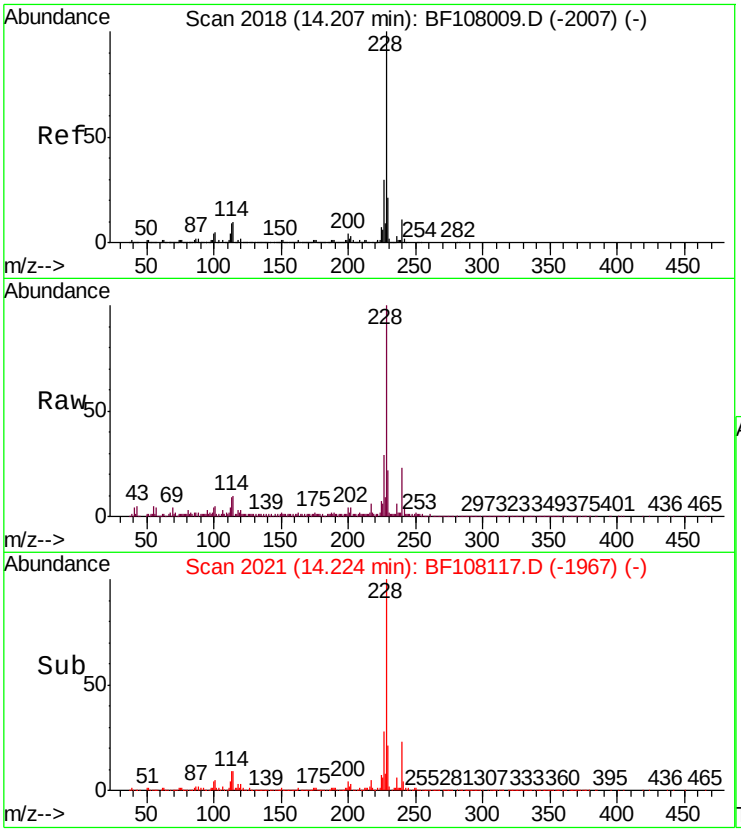


#78
Terphenyl-d14
Concen: 38.708 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:244 Resp: 958642

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.8	11.0	16.4#

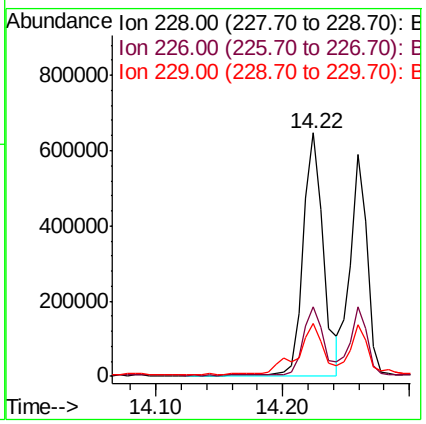




#80
Benzo(a)anthracene
Concen: 19.694 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:228 Resp: 711681

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.5	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

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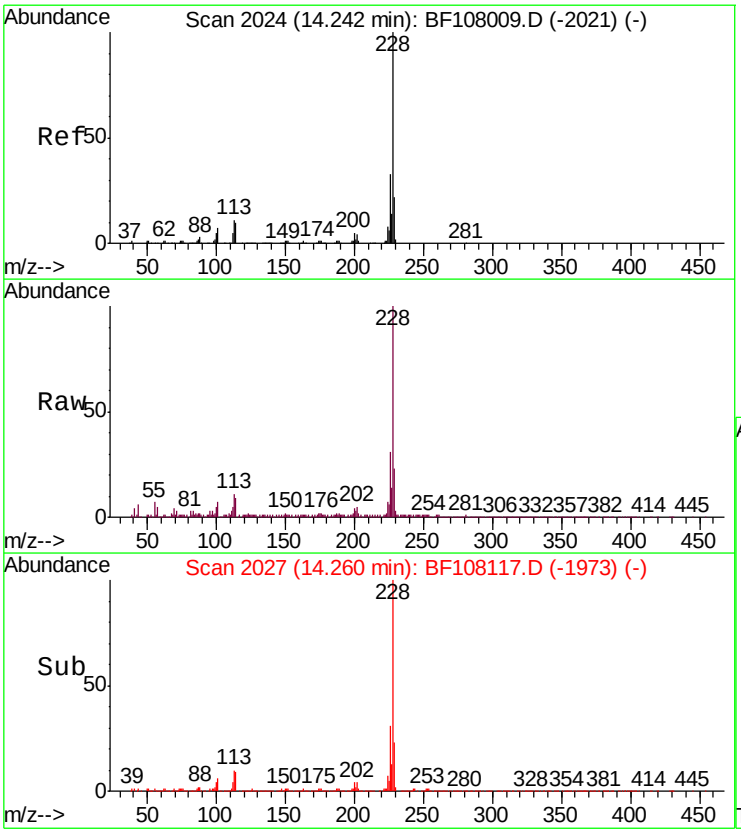
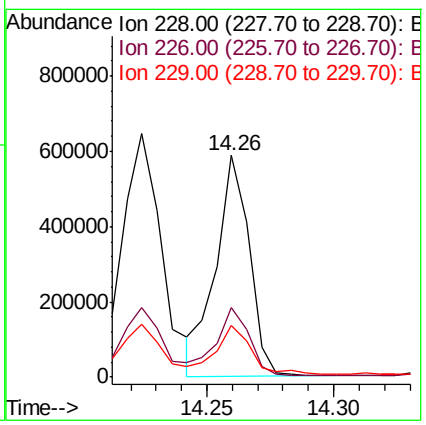
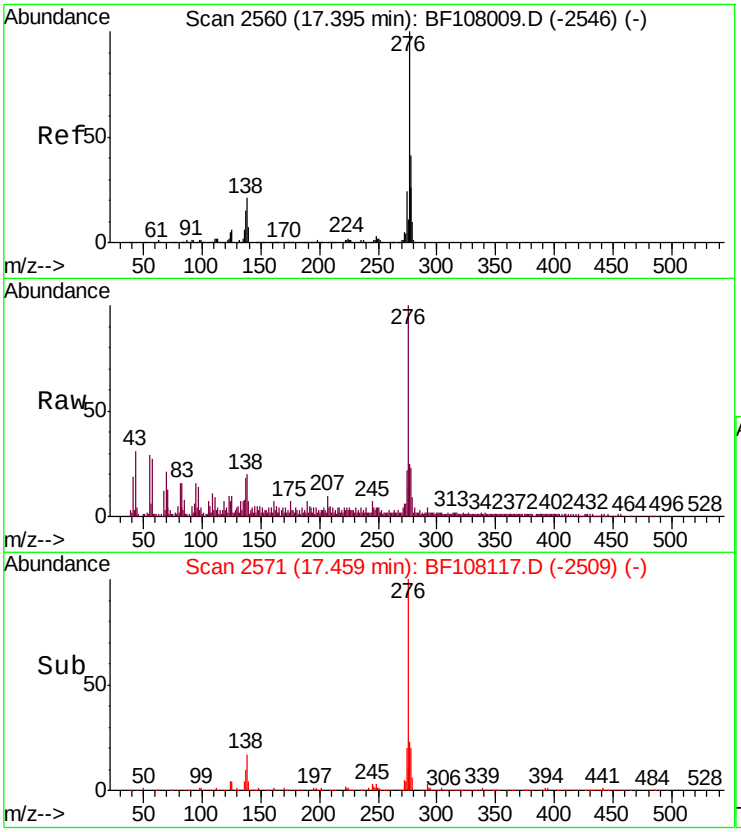


#82
Chrysene
Concen: 16.333 ng
RT: 14.26 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:228 Resp: 541133

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.4	16.2	24.4

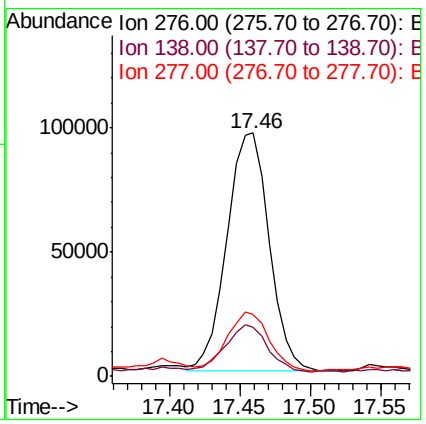




#85
Indeno(1,2,3-cd)pyrene
Concen: 6.954 ng
RT: 17.46 min Scan# 2571
Delta R.T. 0.06 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:276 Resp: 199621

Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.0	37.6#
277	24.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

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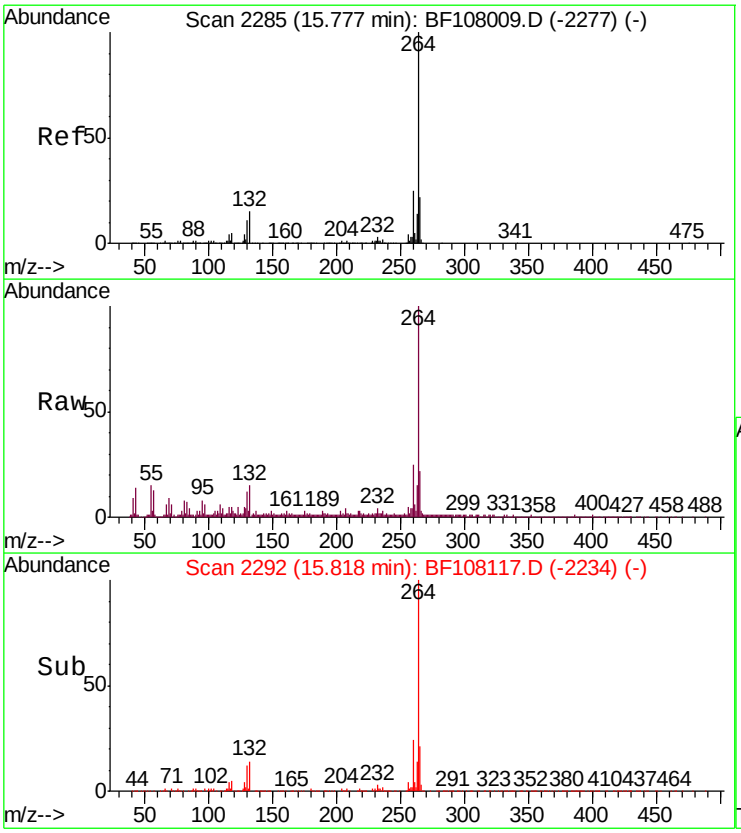
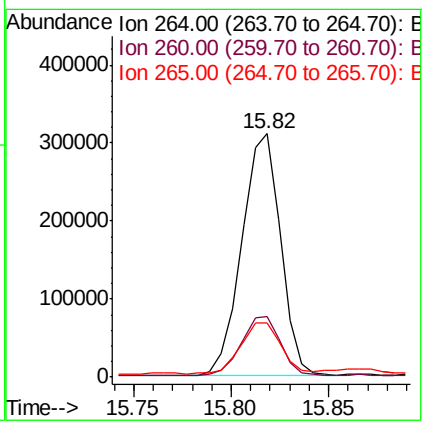
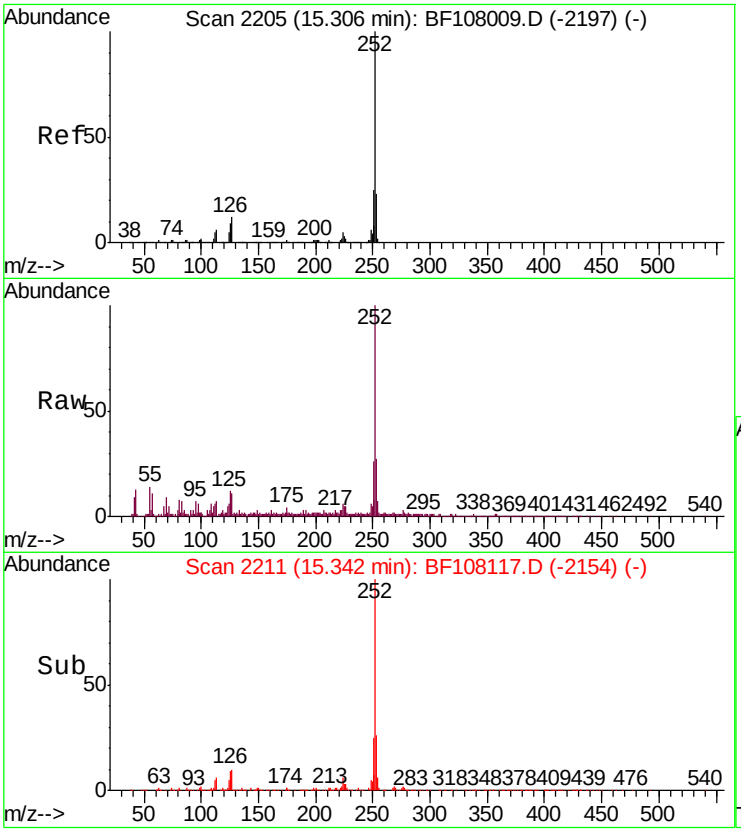


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.82 min Scan# 2292
Delta R.T. 0.04 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:264 Resp: 425709

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.2	17.5	26.3

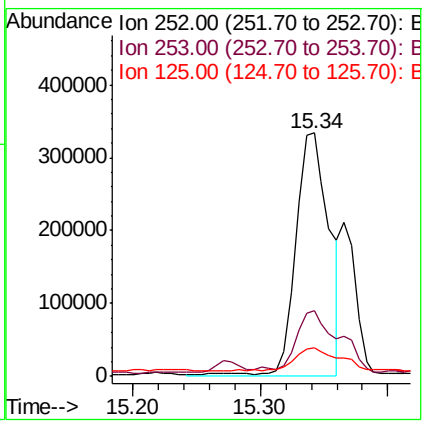




#87
Benzo(b)fluoranthene
Concen: 24.419 ng m
RT: 15.34 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:252 Resp: 621157

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	12.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

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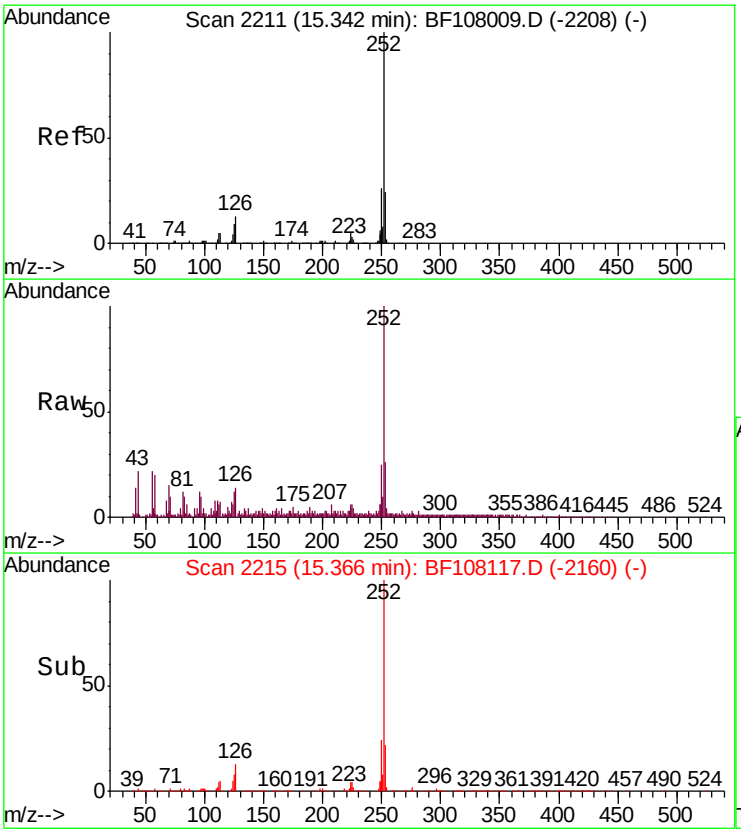
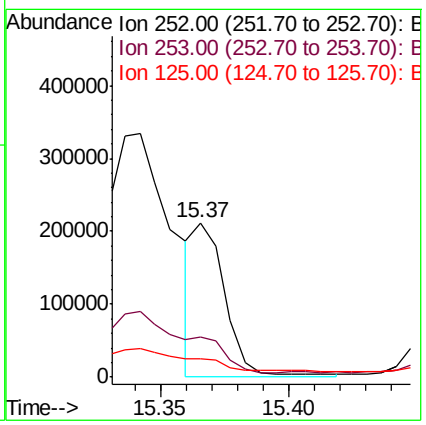
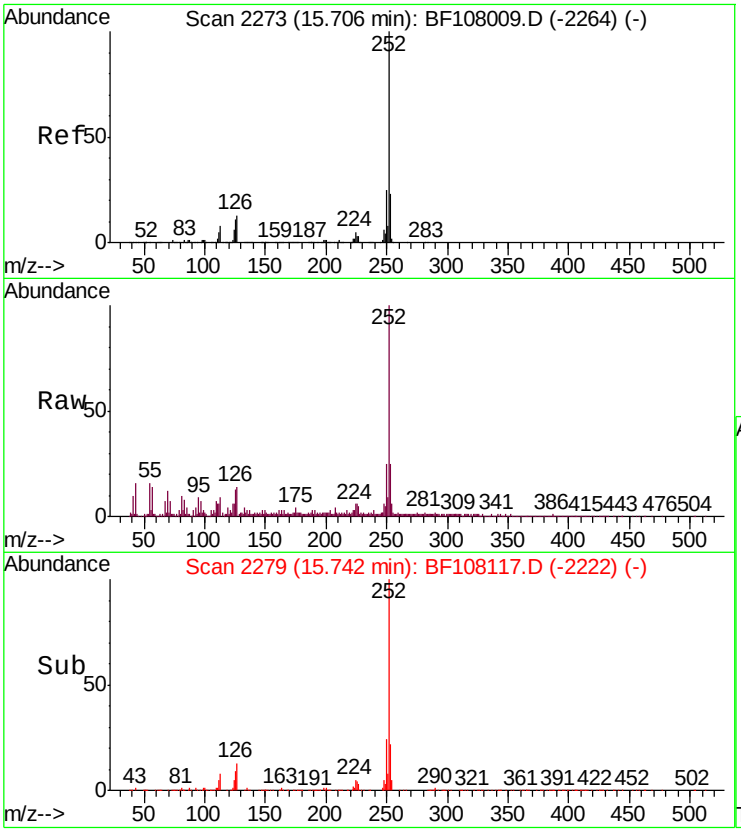


#88
Benzo(k)fluoranthene
Concen: 7.782 ng m
RT: 15.37 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:252 Resp: 181960

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	12.1	10.2	15.2

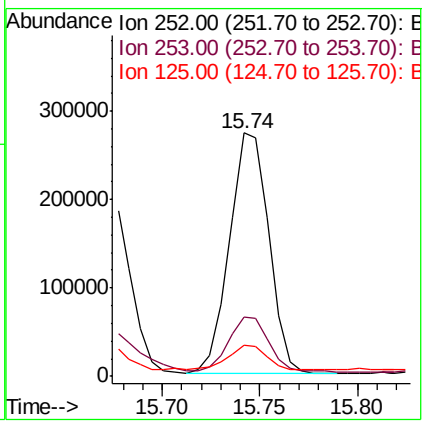




#89
Benzo(a)pyrene
Concen: 16.782 ng
RT: 15.74 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:252 Resp: 382276

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	12.6	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

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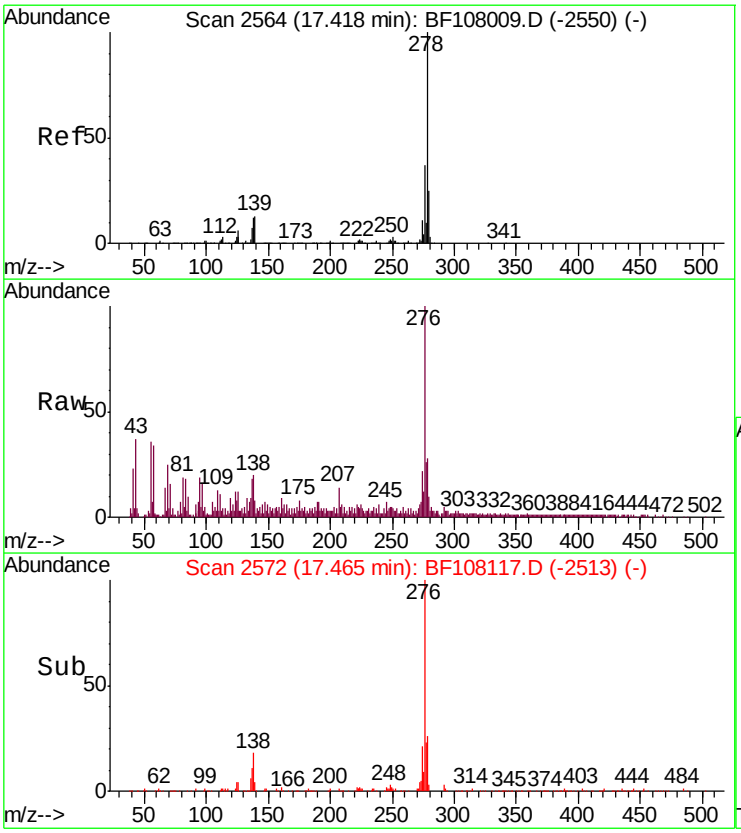
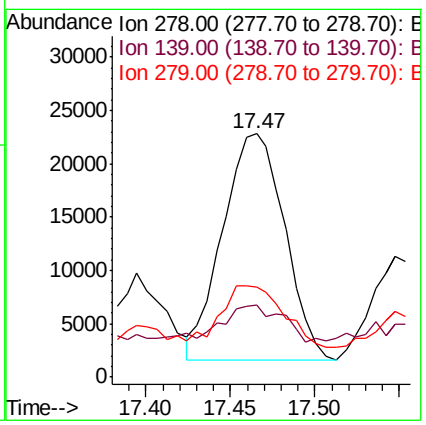
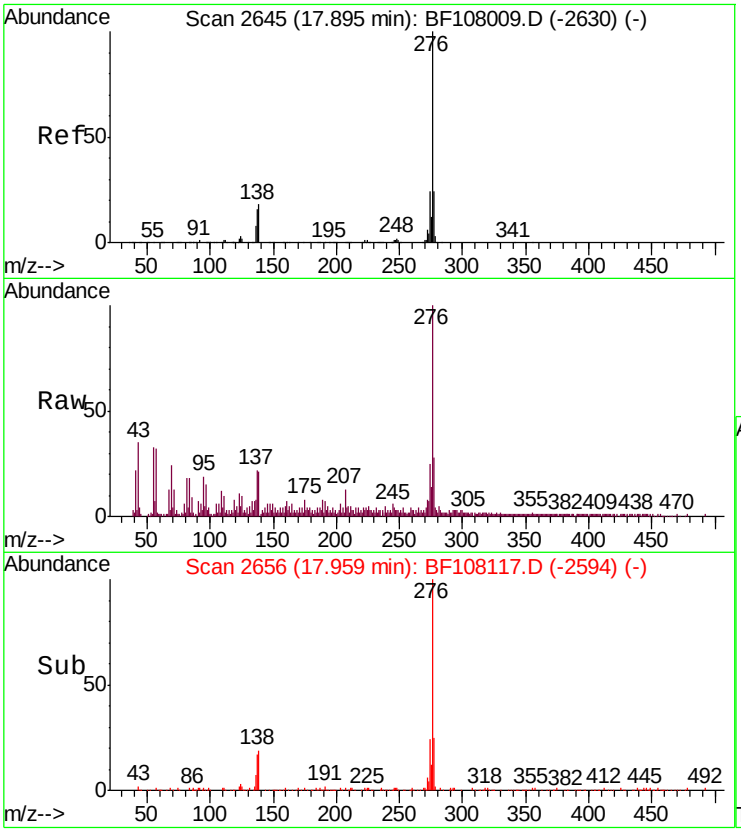


#90
Dibenzo(a,h)anthracene
Concen: 2.860 ng
RT: 17.47 min Scan# 2572
Delta R.T. 0.05 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:278 Resp: 53910

Ion	Ratio	Lower	Upper
278	100		
139	29.6	15.9	23.9#
279	36.9	19.0	28.4#

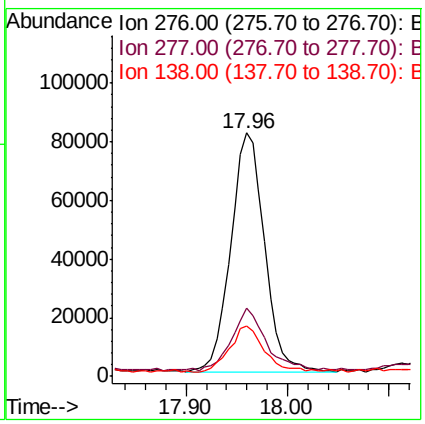




#91
Benzo(g,h,i)perylene
Concen: 10.074 ng
RT: 17.96 min Scan# 2656
Delta R.T. 0.06 min
Lab File: BF108117.D
Acq: 13 Aug 2018 15:43

Tgt Ion:276 Resp: 186952

Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	20.6	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
JC-03-080918-K

Manual Integrations APPROVED
Sohil
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