Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108140.D
Acq On : 14 Aug 2018 13:12
Operator : JU/SJ
Sample : J4430-12RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
Sohil
8/15/2018 3:38:27 PM

Quant Time: Aug 14 13:57:46 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	188644	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	658504	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	272609	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	465226	20.00	ng	0.00
75) Chrysene-d12	14.22	240	457731	20.00	ng	0.00
86) Perylene-d12	15.78	264	324781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1164239	111.73	ng	0.02
7) Phenol-d6	6.64	99	1506416	108.79	ng	0.01
23) Nitrobenzene-d5	7.58	82	992818	84.13	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	302286	111.17	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1440770	84.85	ng	0.00
78) Terphenyl-d14	13.15	244	1283267	71.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	189386	9.973	ng	99
70) Phenanthrene	11.58	178	221718	10.104	ng	99
71) Anthracene	11.64	178	53758	2.390	ng	99
73) Di-n-butylphthalate	12.11	149	61462	2.716	ng	99
74) Fluoranthene	12.78	202	315962	13.194	ng	94
77) Pyrene	13.01	202	318750	10.999	ng	100
80) Benzo(a)anthracene	14.21	228	168065	6.398	ng	98
82) Chrysene	14.24	228	143941	5.977	ng	97
87) Benzo(b)fluoranthene	15.31	252	130417m	6.720	ng	
88) Benzo(k)fluoranthene	15.34	252	40156m	2.251	ng	
89) Benzo(a)pyrene	15.71	252	83182	4.787	ng	96
91) Benzo(g,h,i)perylene	17.89	276	37003	2.613	ng	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108140.D
Acq On : 14 Aug 2018 13:12
Operator : JU/SJ
Sample : J4430-12RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 13:57:46 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

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
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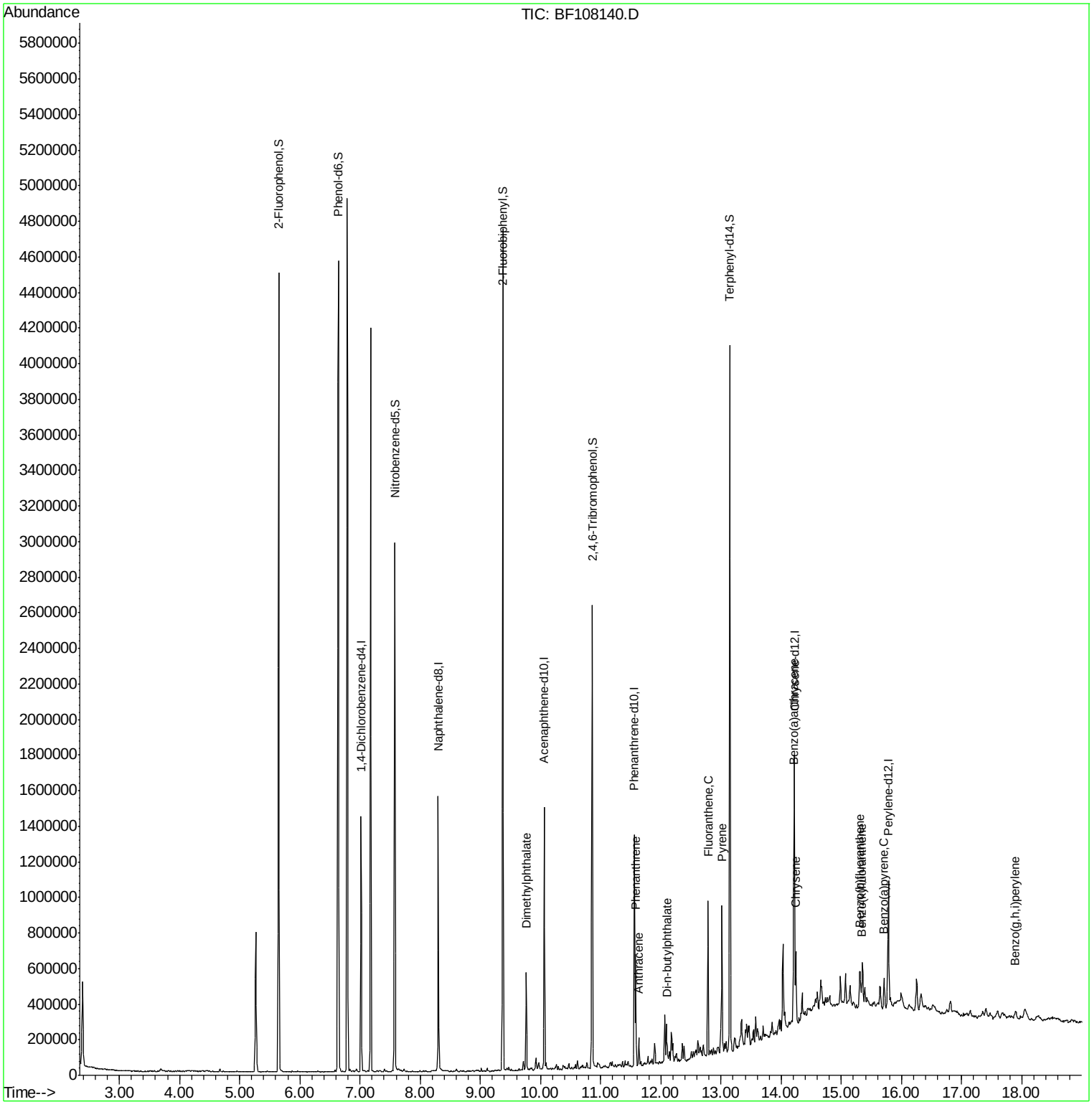
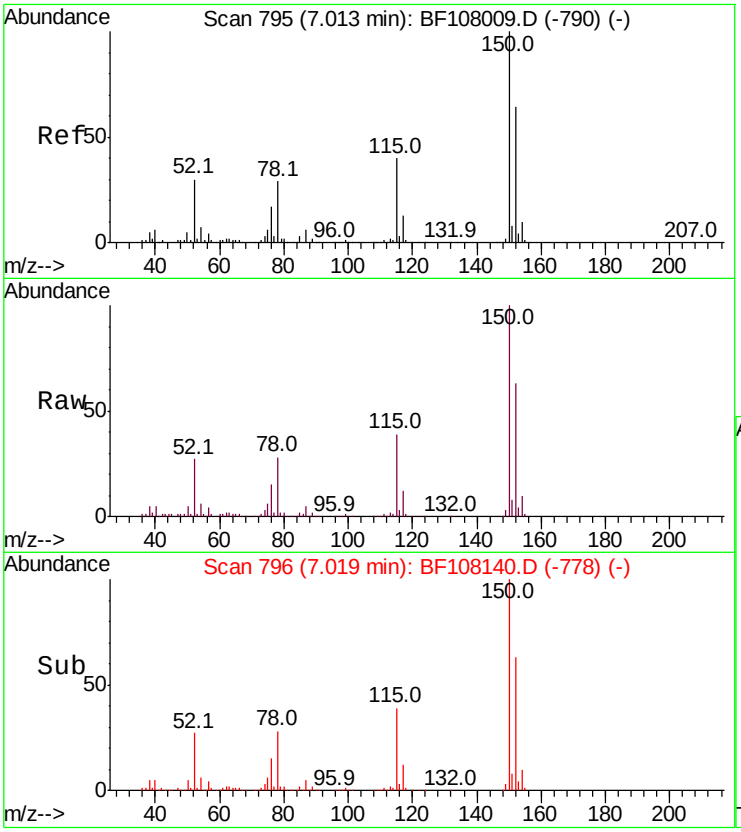
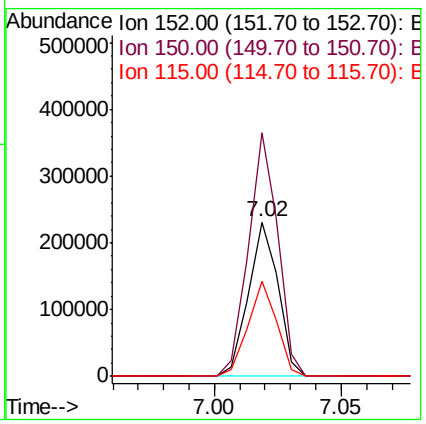




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:152 Resp: 188644

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	61.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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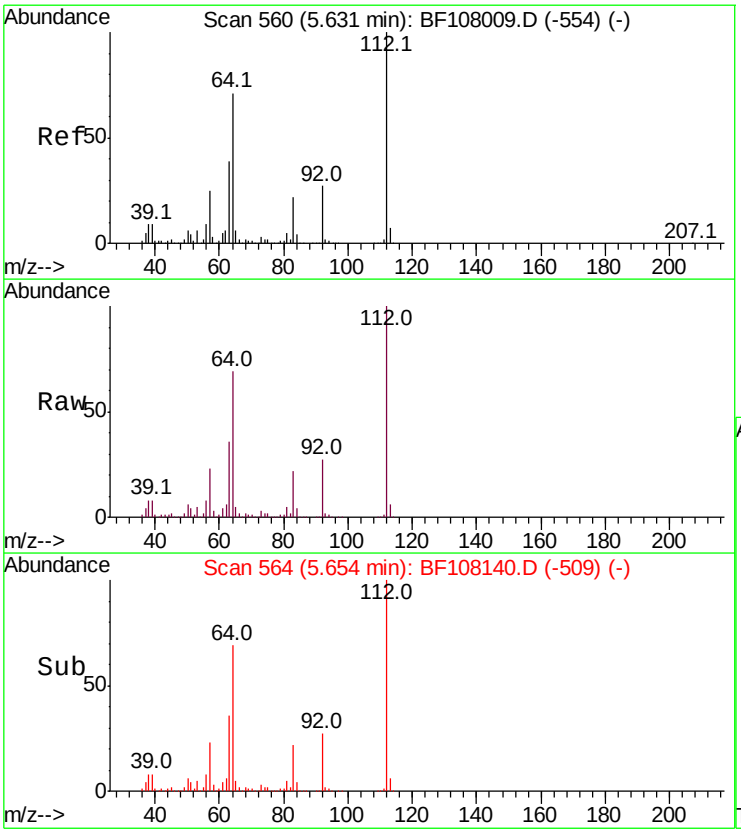
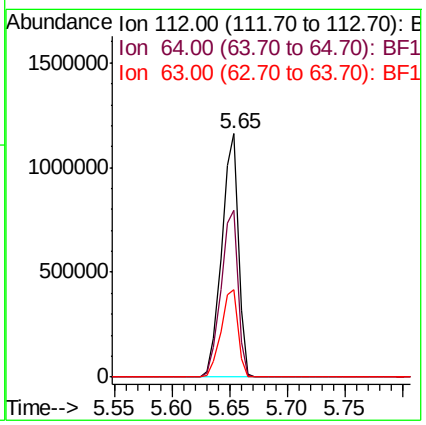
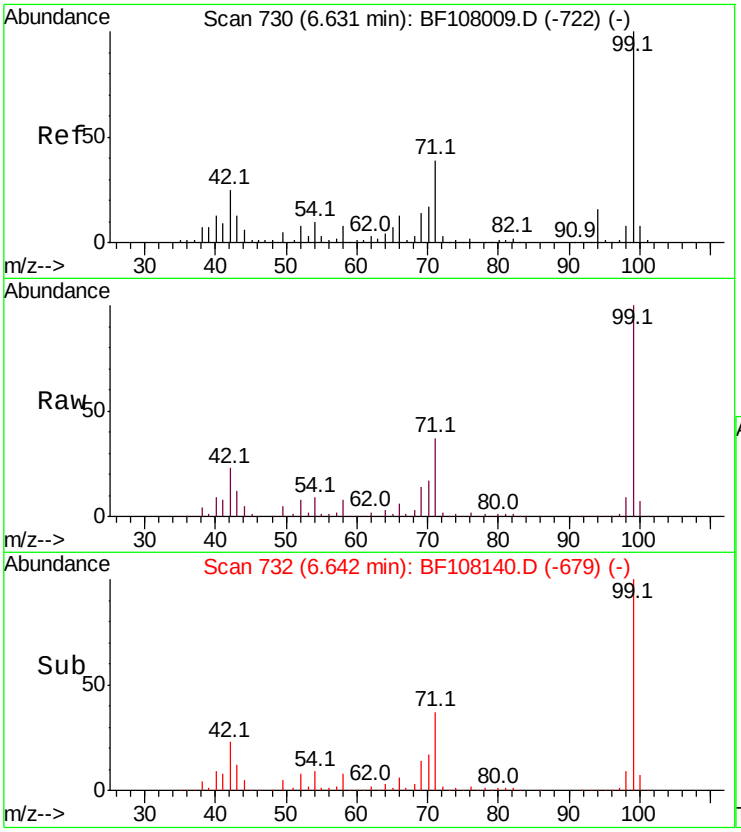


#5
2-Fluorophenol
Concen: 111.734 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:112 Resp: 1164239

Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	36.0	23.7	35.5#

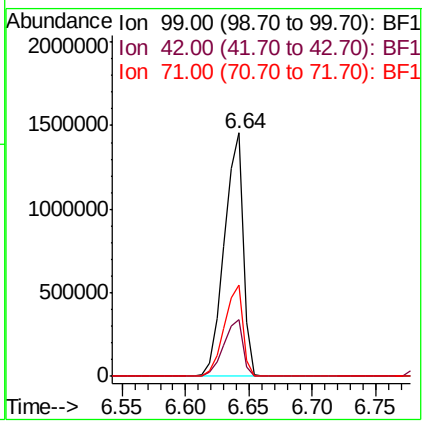




#7
Phenol-d6
Concen: 108.795 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion: 99 Resp: 1506416

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	37.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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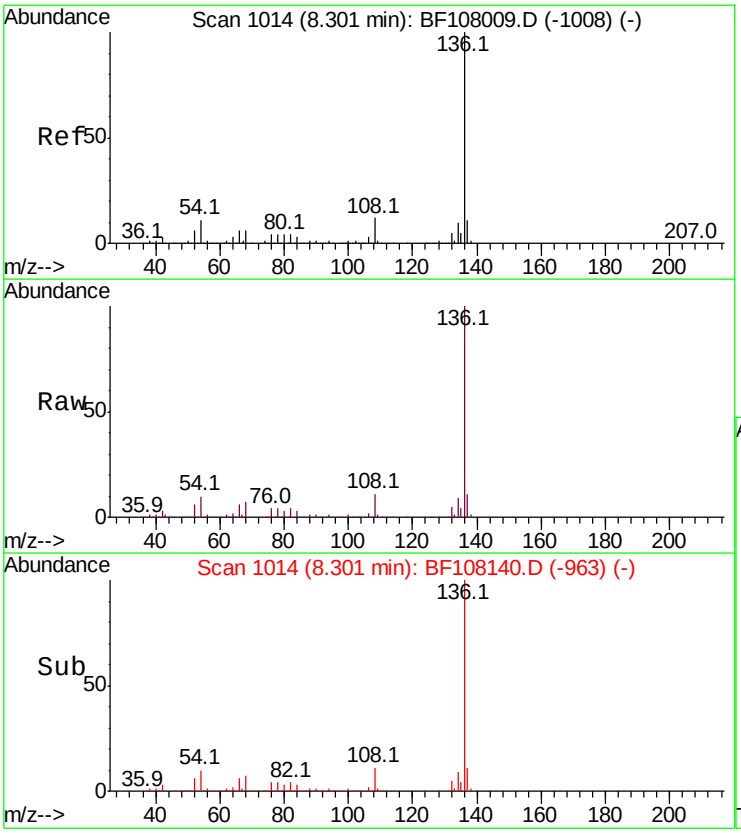
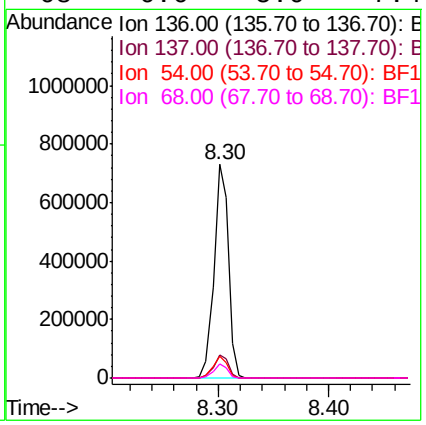
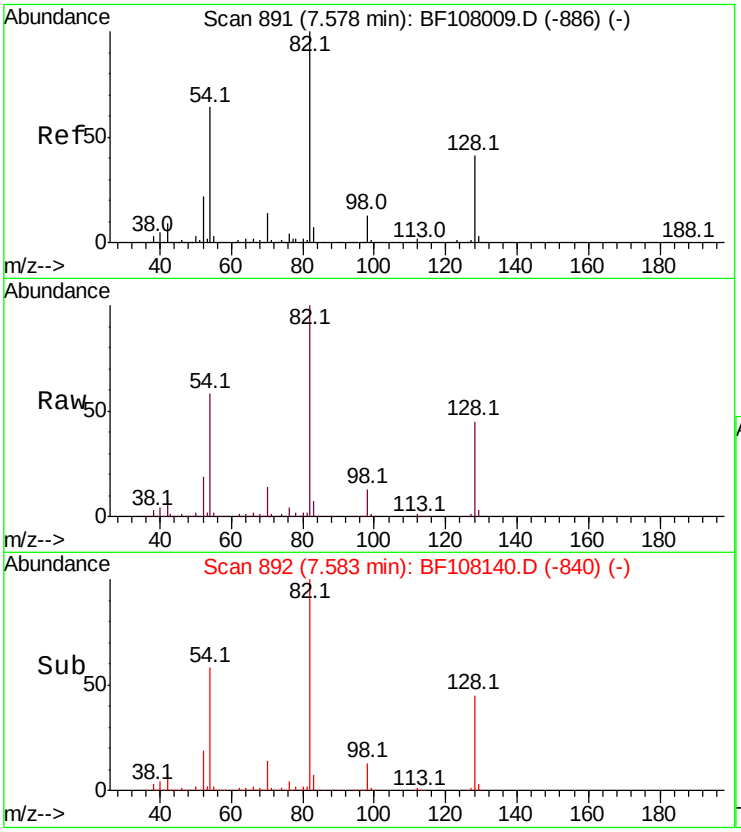


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:136 Resp: 658504

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	6.6	9.8#
68	6.6	5.0	7.4

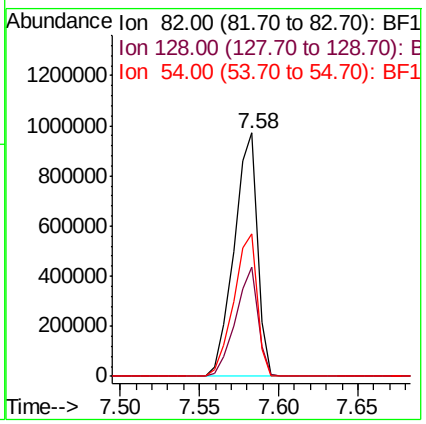




#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion: 82 Resp: 992818

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	58.3	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
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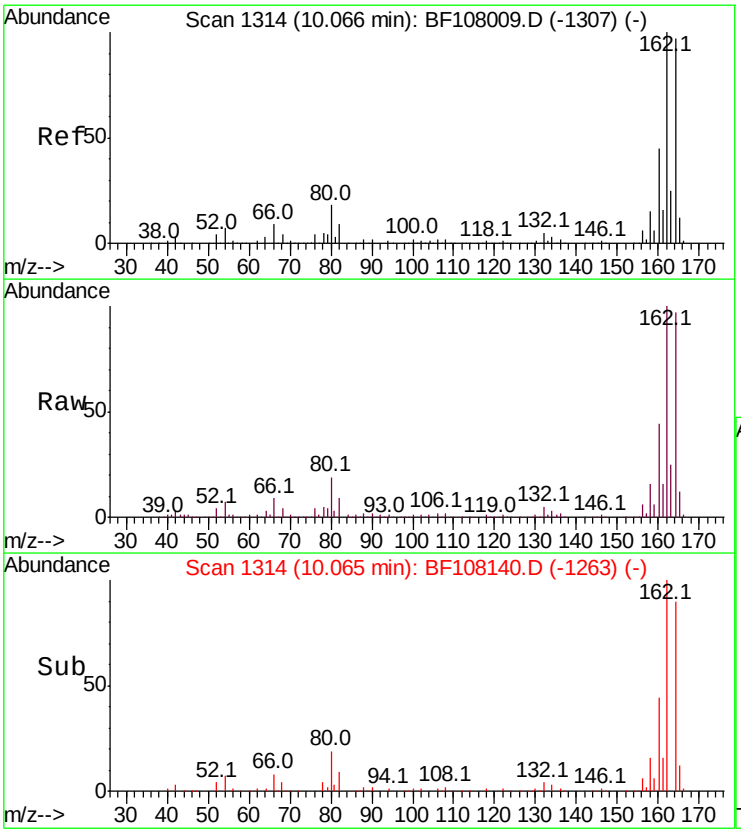
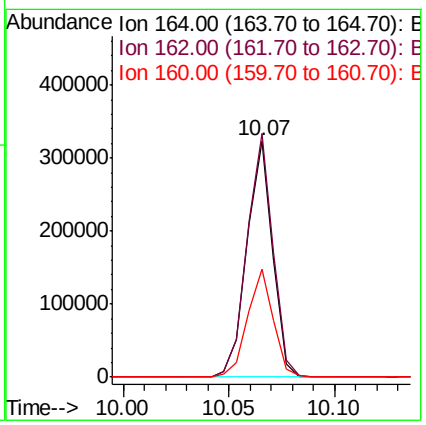
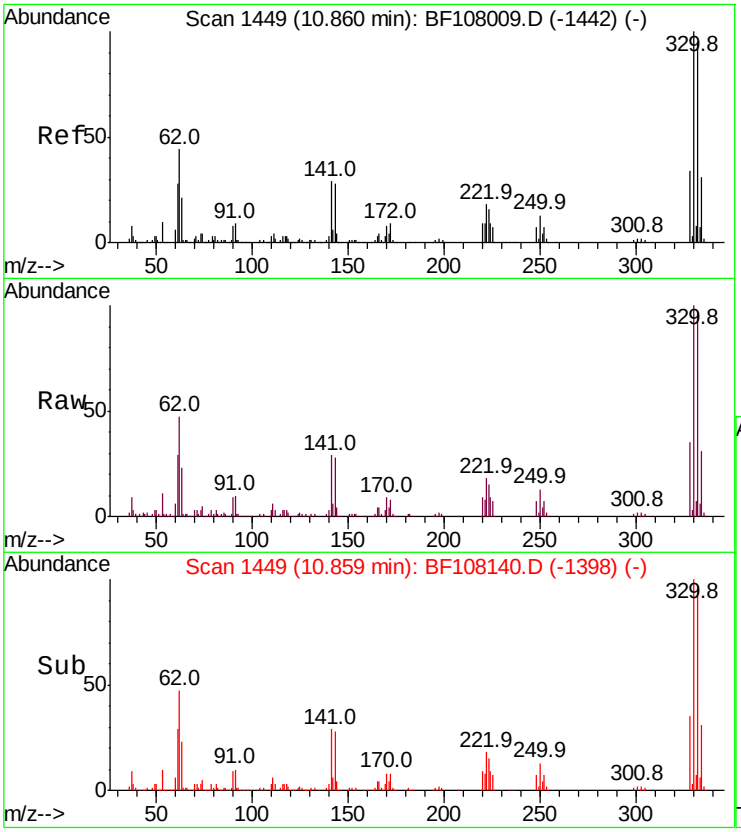


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:164 Resp: 272609

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.5	38.3	57.5

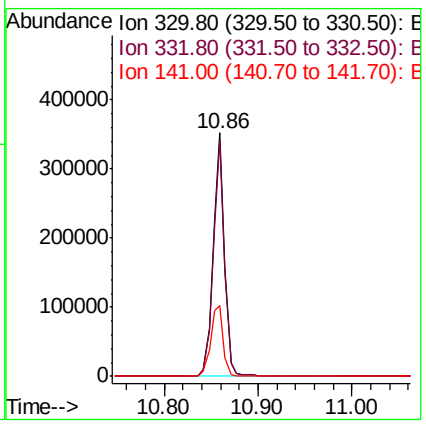




#41
2,4,6-Tribromophenol
Concen: 111.167 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:330 Resp: 302286

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.1	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
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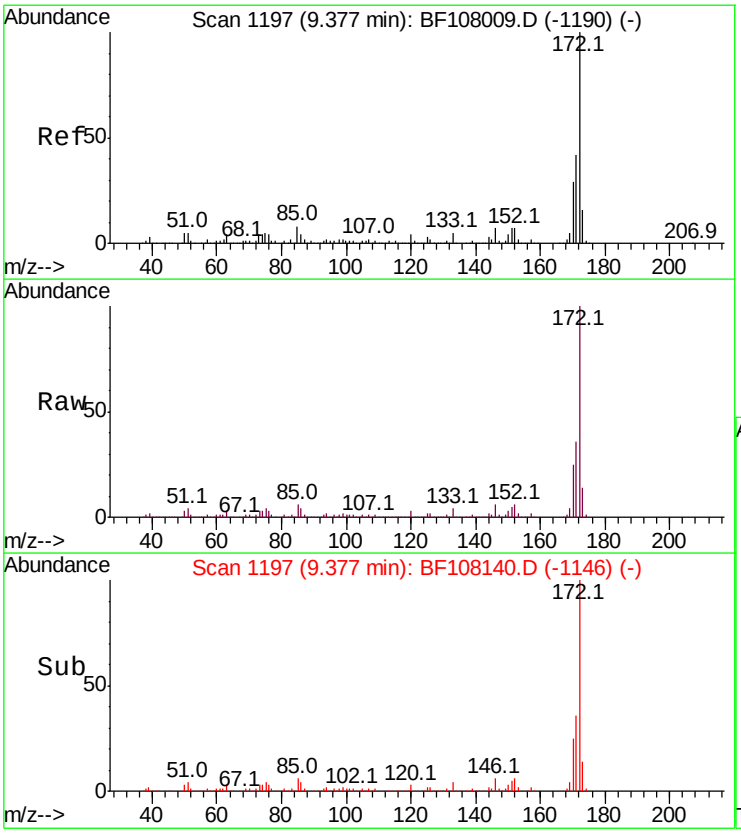
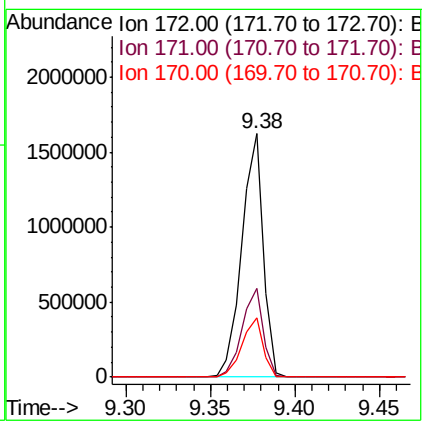
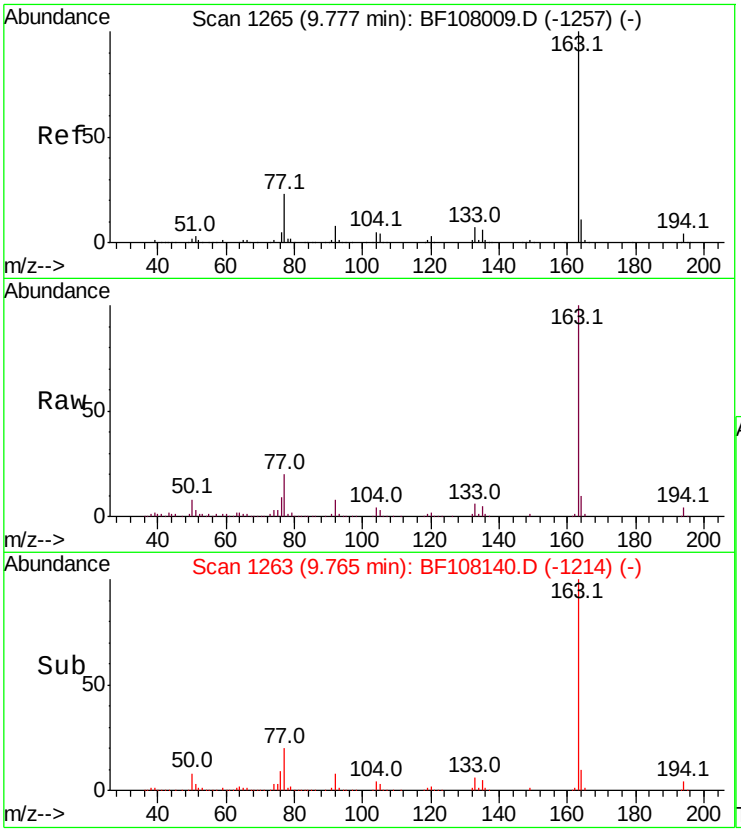


#44
2-Fluorobiphenyl
Concen: 84.851 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:172 Resp: 1440770

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

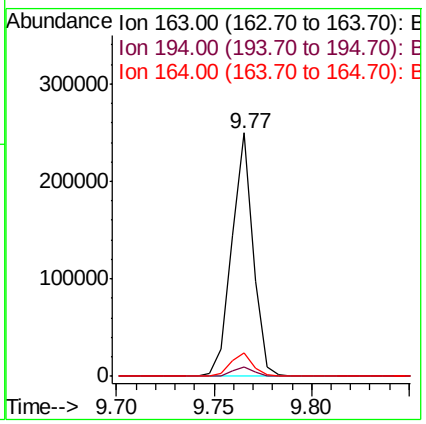




#49
Dimethylphthalate
Concen: 9.973 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:163 Resp: 189386

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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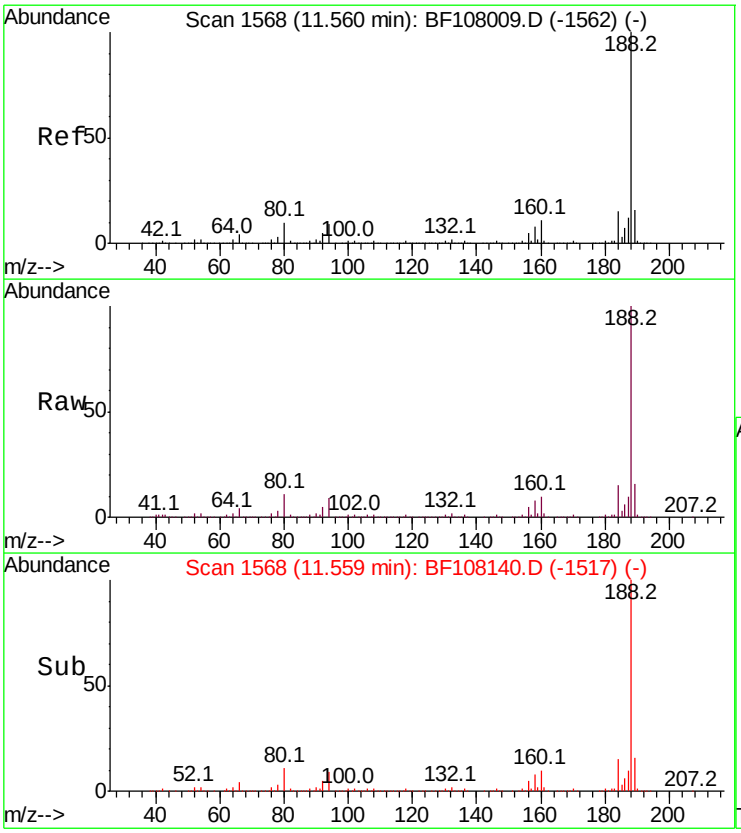
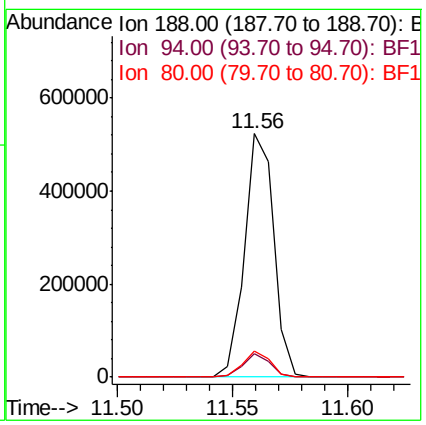
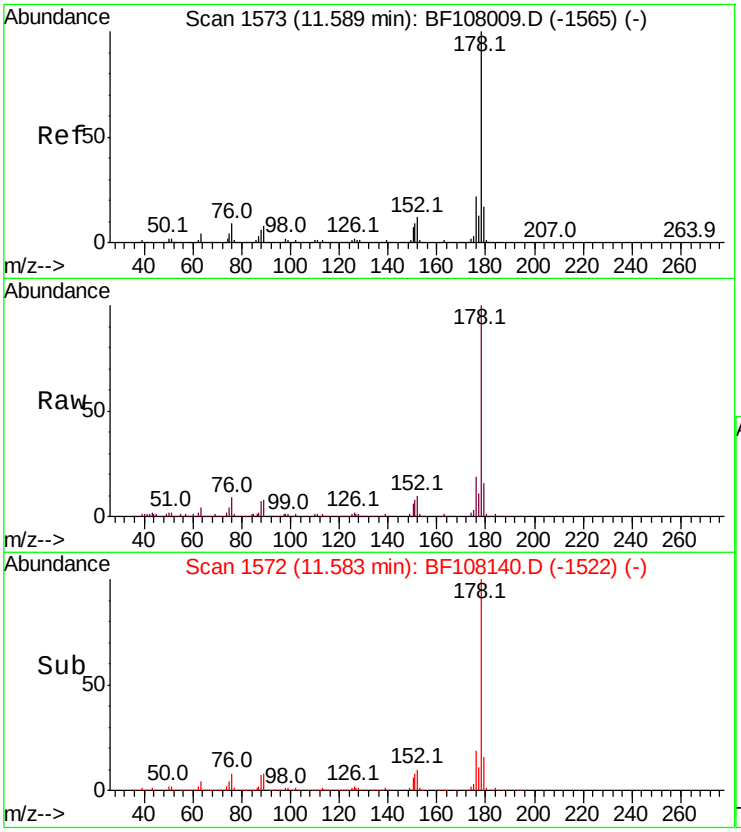


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:188 Resp: 465226

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8

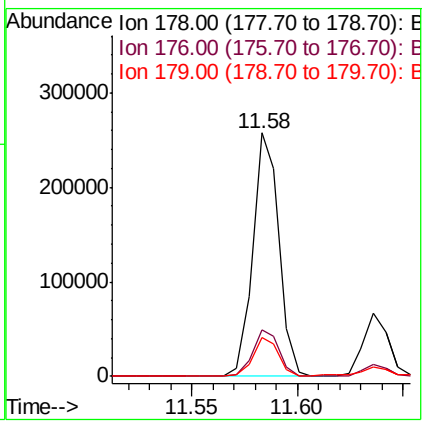




#70
Phenanthrene
Concen: 10.104 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:178 Resp: 221718

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.9	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
Sohil
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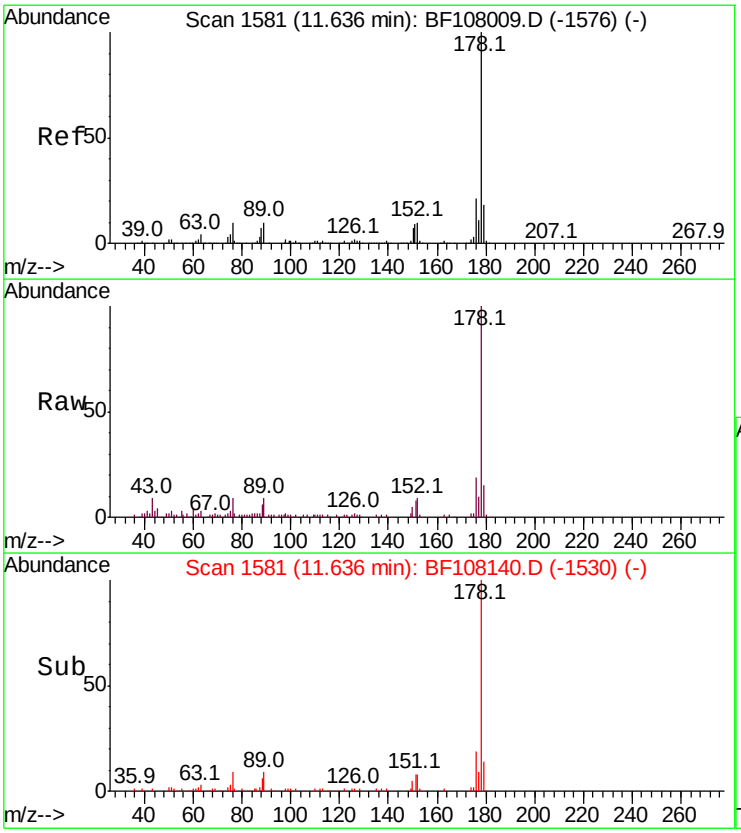
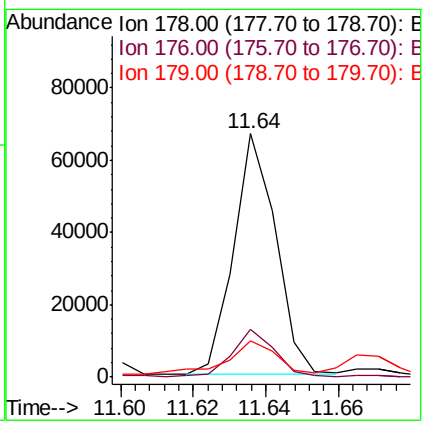
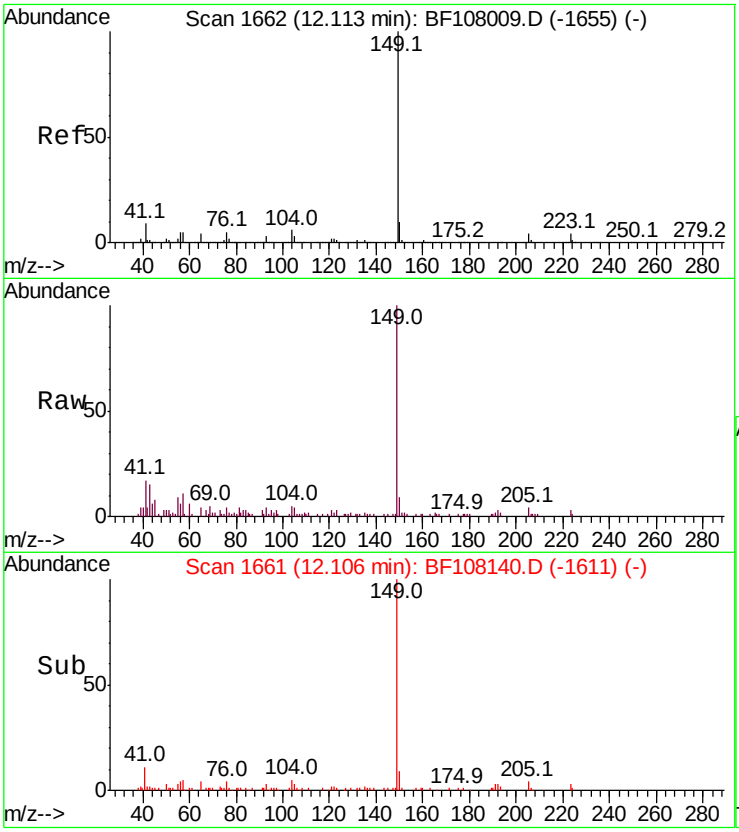


#71
Anthracene
Concen: 2.390 ng
RT: 11.64 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:178 Resp: 53758

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.8	12.6	19.0

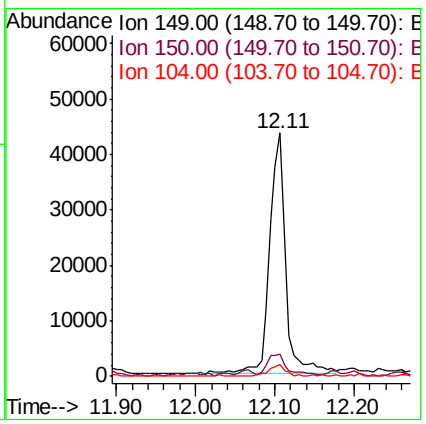




#73
Di-n-butylphthalate
Concen: 2.716 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:149 Resp: 61462

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.1	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

Manual Integrations APPROVED
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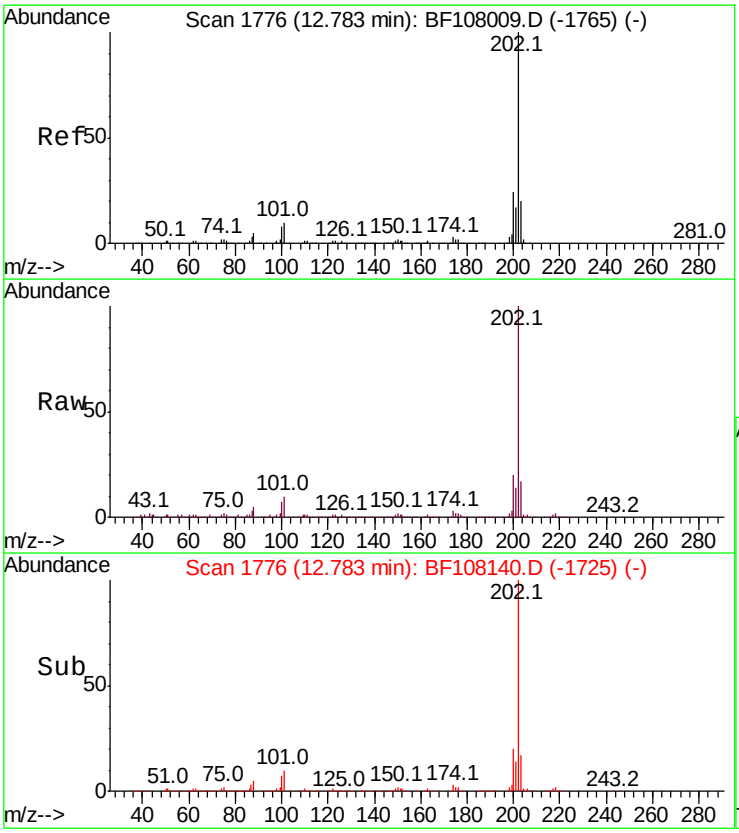
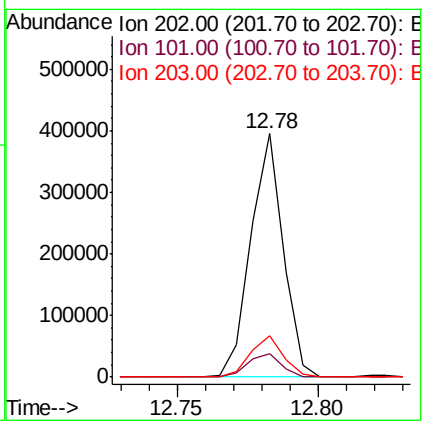
8/15/2018 3:38:27 PM

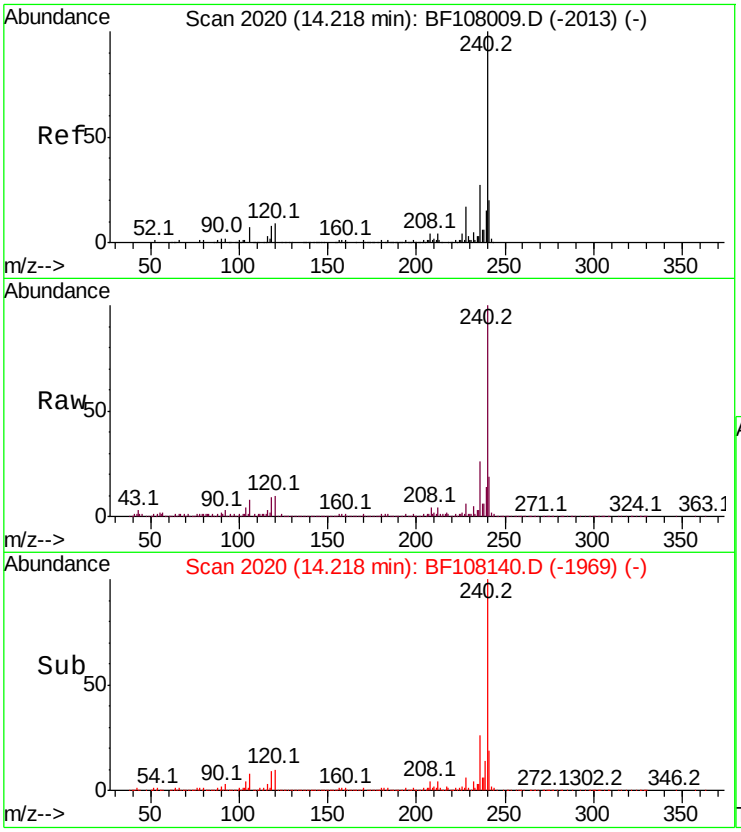


#74
Fluoranthene
Concen: 13.194 ng
RT: 12.78 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:202 Resp: 315962

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.2	0.0	38.1

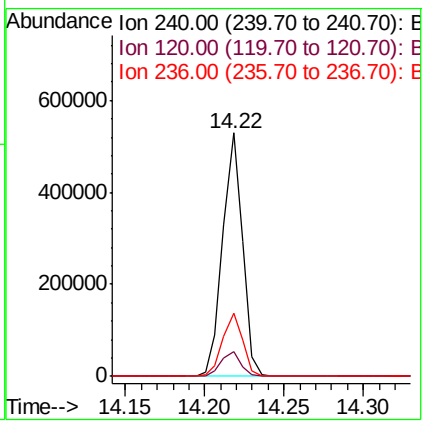




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

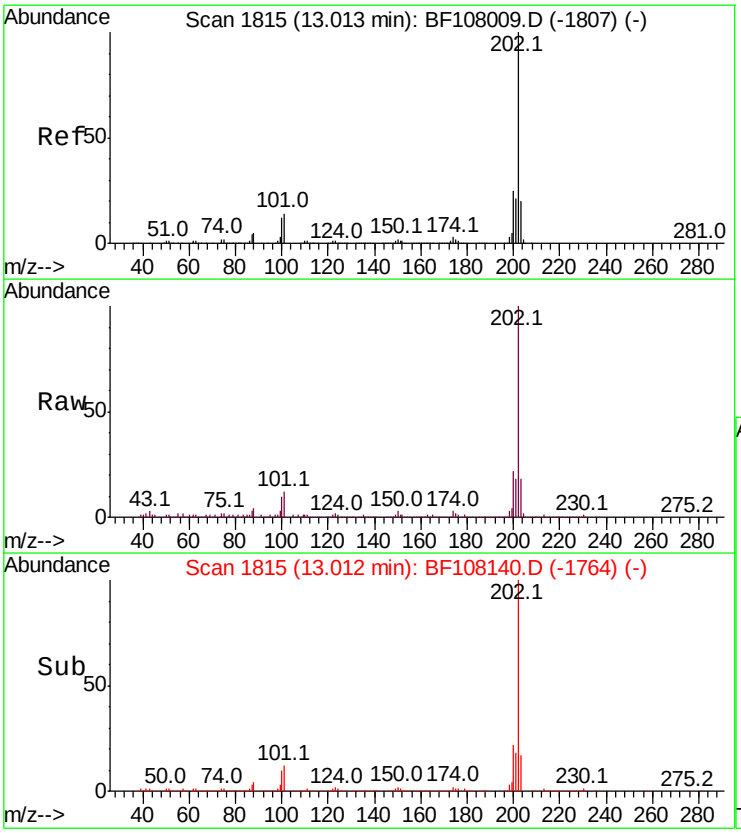
Tgt Ion:240 Resp: 457731

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.9	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

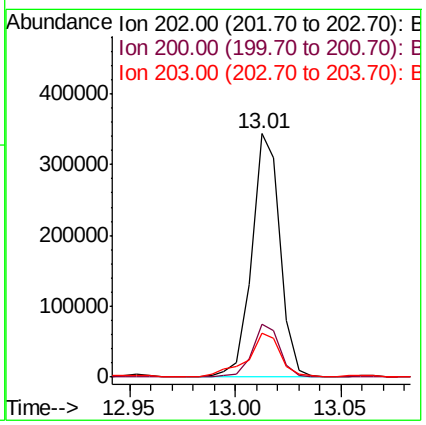
Manual Integrations APPROVED
Sohil
8/15/2018 3:38:27 PM

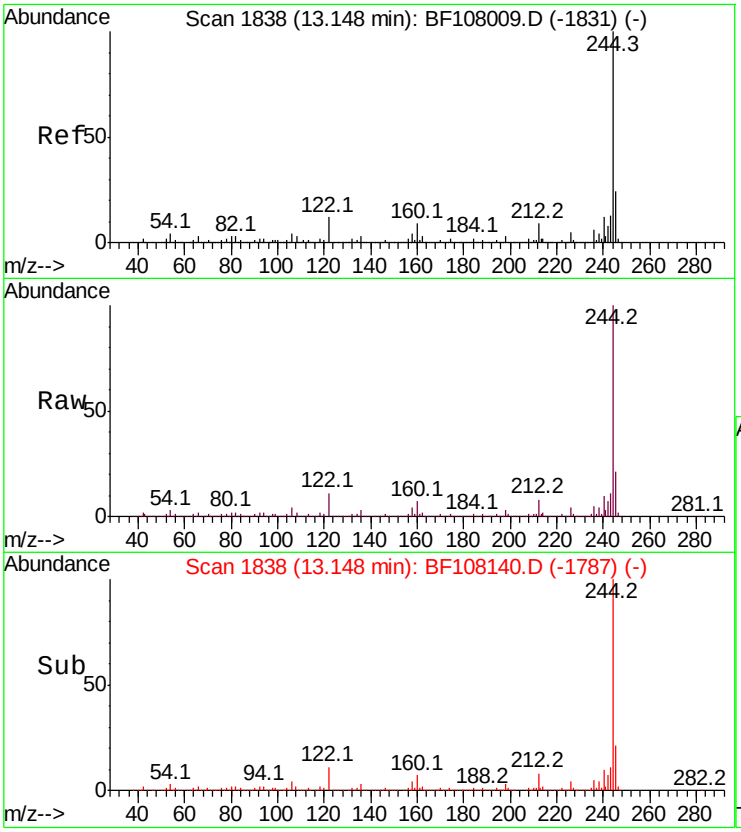


#77
Pyrene
Concen: 10.999 ng
RT: 13.01 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:202 Resp: 318750

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.0	14.3	21.5

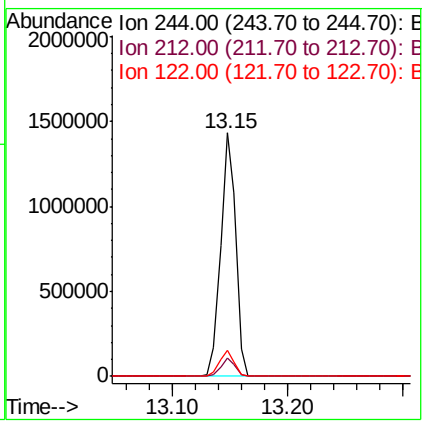




#78
Terphenyl-d14
Concen: 71.282 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:244 Resp: 1283267

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.7	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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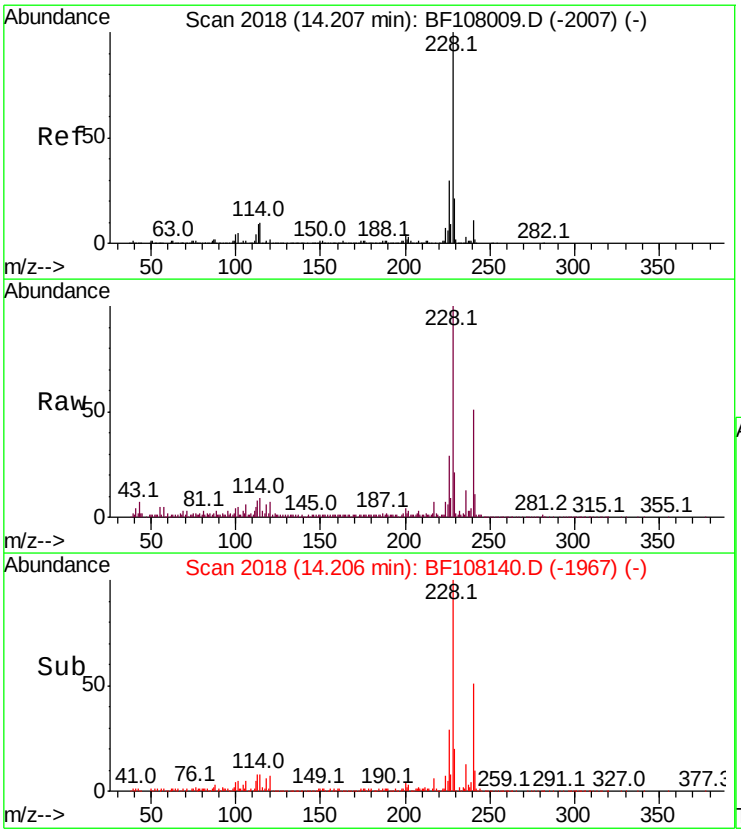
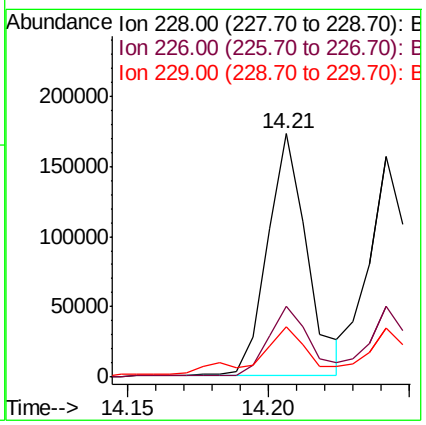
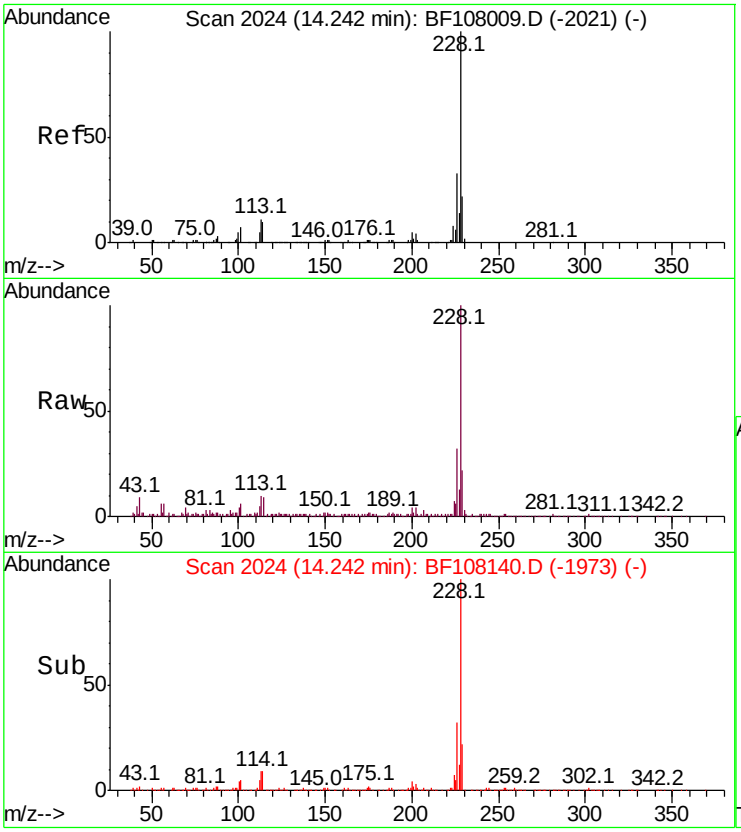


#80
Benzo(a)anthracene
Concen: 6.398 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:228 Resp: 168065

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.6	15.8	23.6

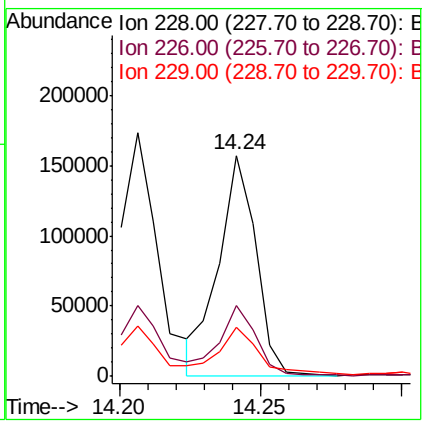




#82
Chrysene
Concen: 5.977 ng
RT: 14.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:228 Resp: 143941

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	22.3	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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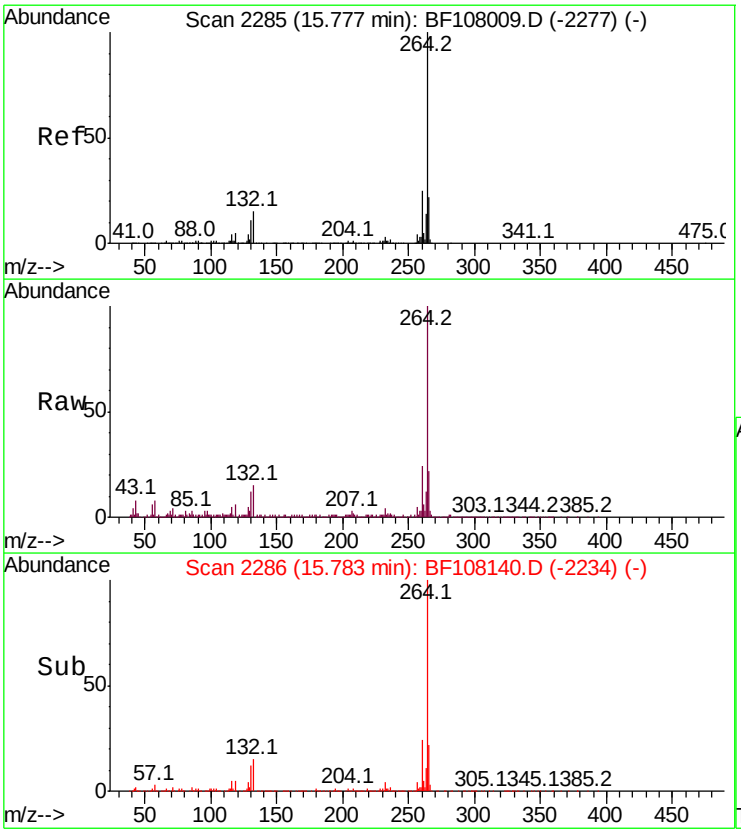
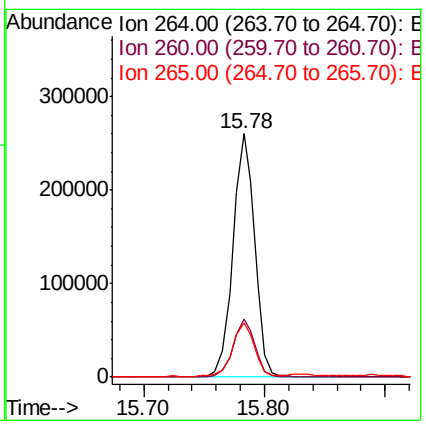
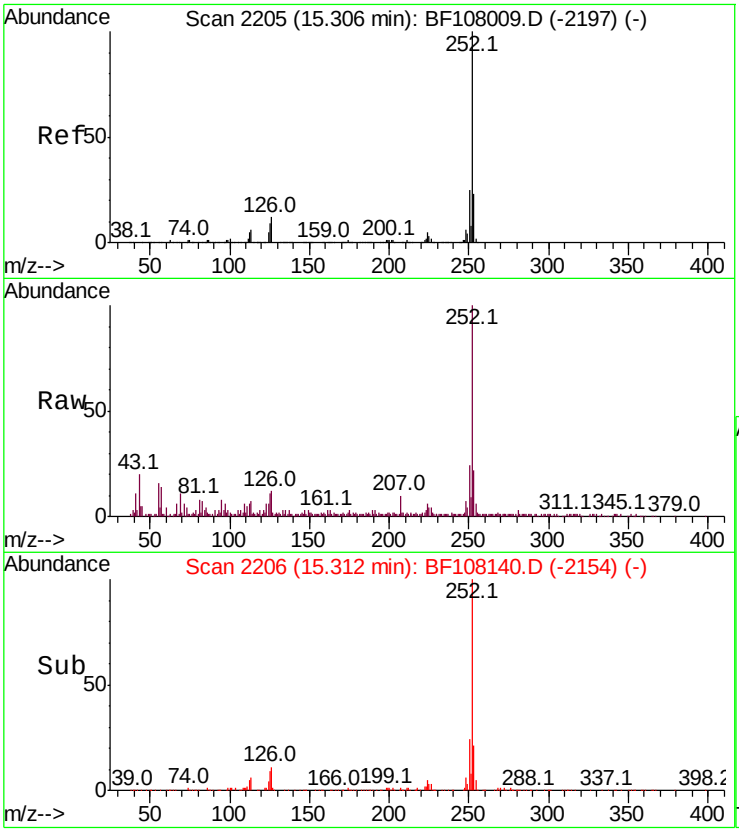


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:264 Resp: 324781

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 6.720 ng m
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:252 Resp: 130417

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.1	9.0	13.6

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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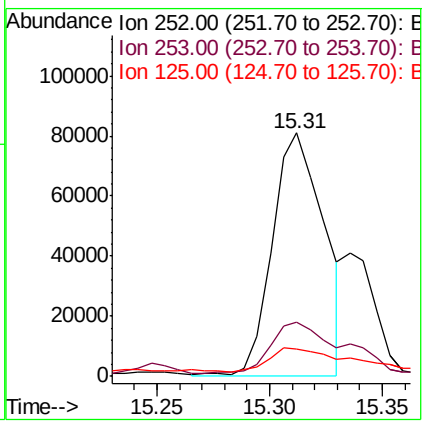
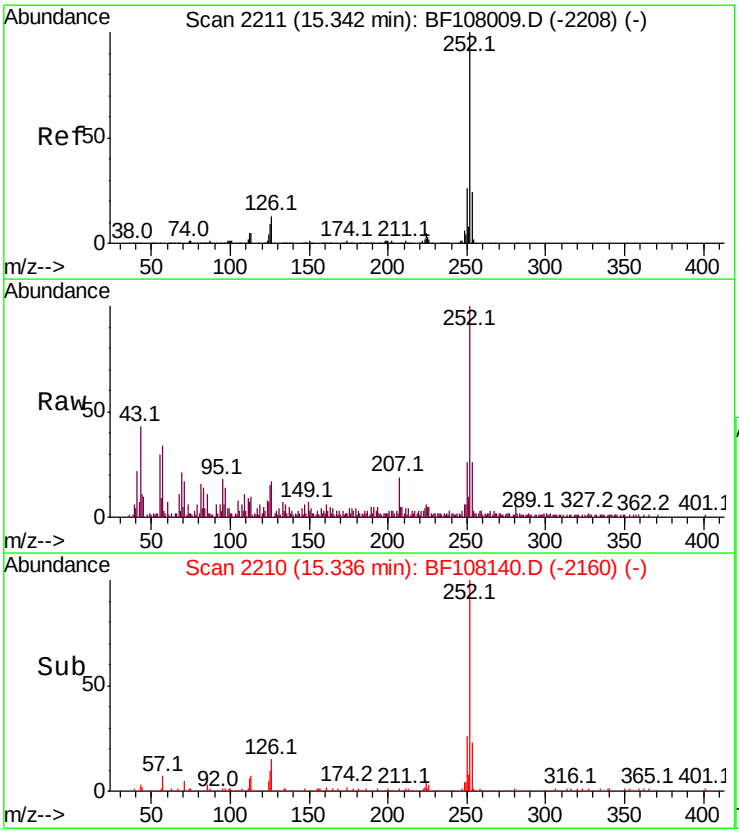
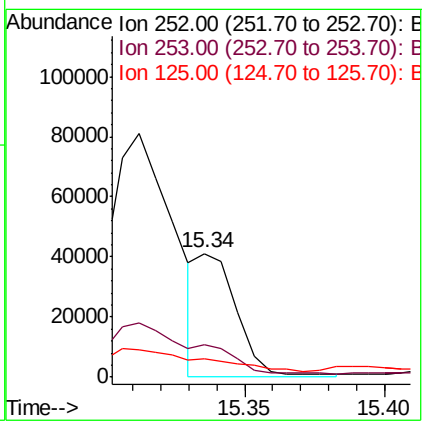


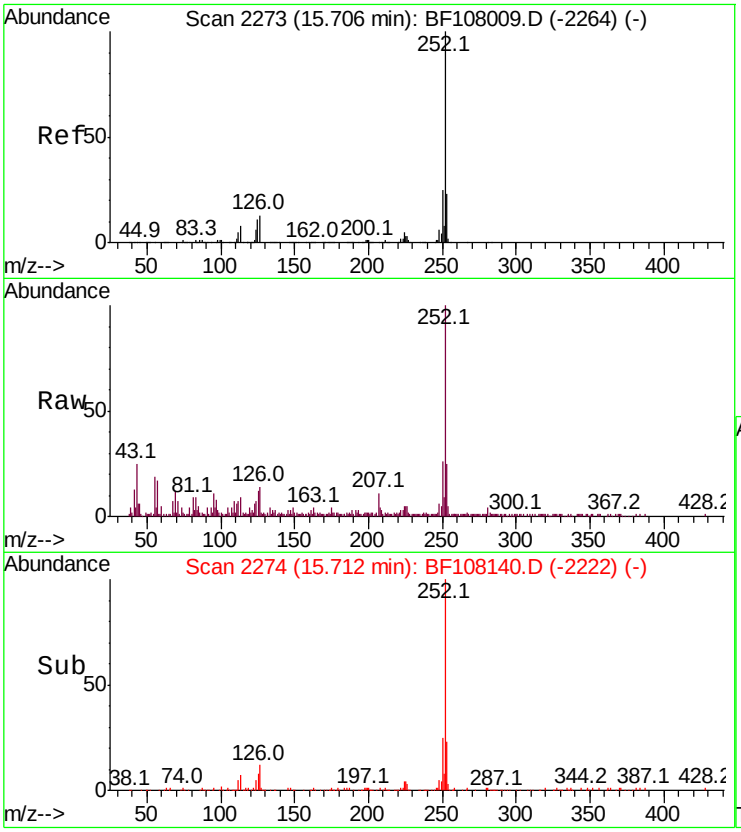


#88
Benzo(k)fluoranthene
Concen: 2.251 ng m
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:252 Resp: 40156

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	15.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 4.787 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:252 Resp: 83182

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	12.2	9.8	14.6

Instrument :
BNA_F
ClientSampleId :
G.L-WC-01RE

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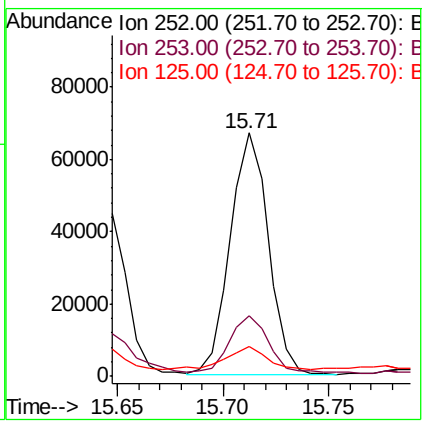

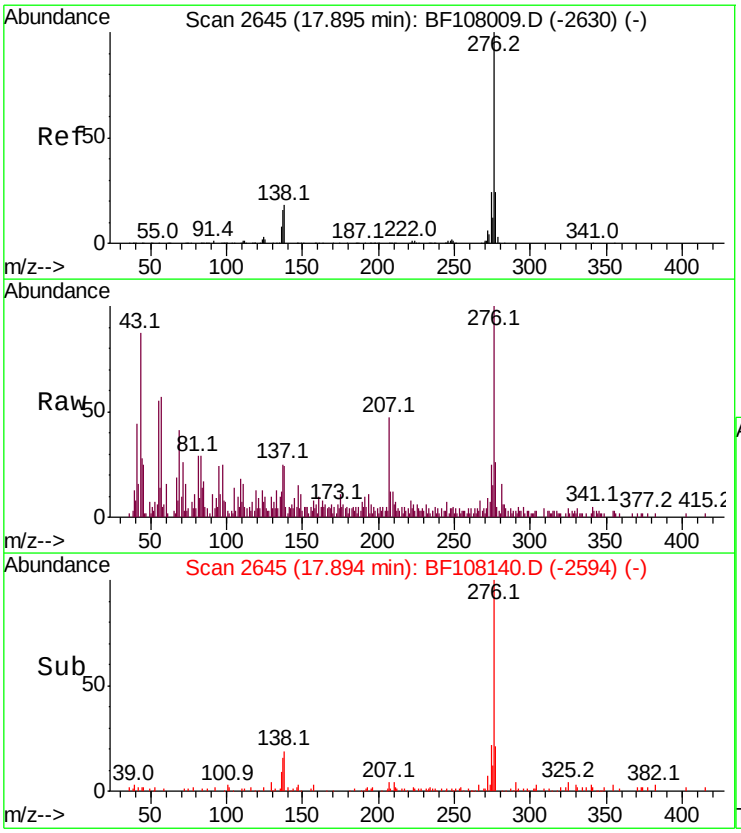

#91
Benzo(g,h,i)perylene
Concen: 2.613 ng
RT: 17.89 min Scan# 2645
Delta R.T. -0.00 min
Lab File: BF108140.D
Acq: 14 Aug 2018 13:12

Tgt Ion:276 Resp: 37003

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	23.6	21.8	32.8