Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-090718-C

Manual Integrations APPROVED
Sohil
9/11/2018 9:25:59 AM

Quant Time: Sep 10 16:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	190529	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	686345	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312532	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	496026	20.00	ng	0.00
75) Chrysene-d12	13.87	240	427689	20.00	ng	0.00
86) Perylene-d12	15.28	264	429232	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	498973	43.39	ng	0.00
7) Phenol-d6	6.37	99	646699	43.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	382116	34.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	118980	39.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	711578	38.84	ng	0.00
78) Terphenyl-d14	12.82	244	520002	28.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	182160	8.333	ng	# 99
70) Phenanthrene	11.27	178	71077	3.001	ng	99
74) Fluoranthene	12.45	202	217311	9.266	ng	99
77) Pyrene	12.68	202	229393	6.970	ng	99
80) Benzo(a)anthracene	13.86	228	177735	6.483	ng	98
82) Chrysene	13.89	228	156448	5.895	ng	96
85) Indeno(1,2,3-cd)pyrene	16.64	276	72780m	3.099	ng	
87) Benzo(b)fluoranthene	14.88	252	230835m	9.890	ng	
88) Benzo(k)fluoranthene	14.90	252	84163m	3.916	ng	
89) Benzo(a)pyrene	15.22	252	143636	6.820	ng	# 91
91) Benzo(g,h,i)perylene	17.04	276	65194	3.509	ng	93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 10 16:18:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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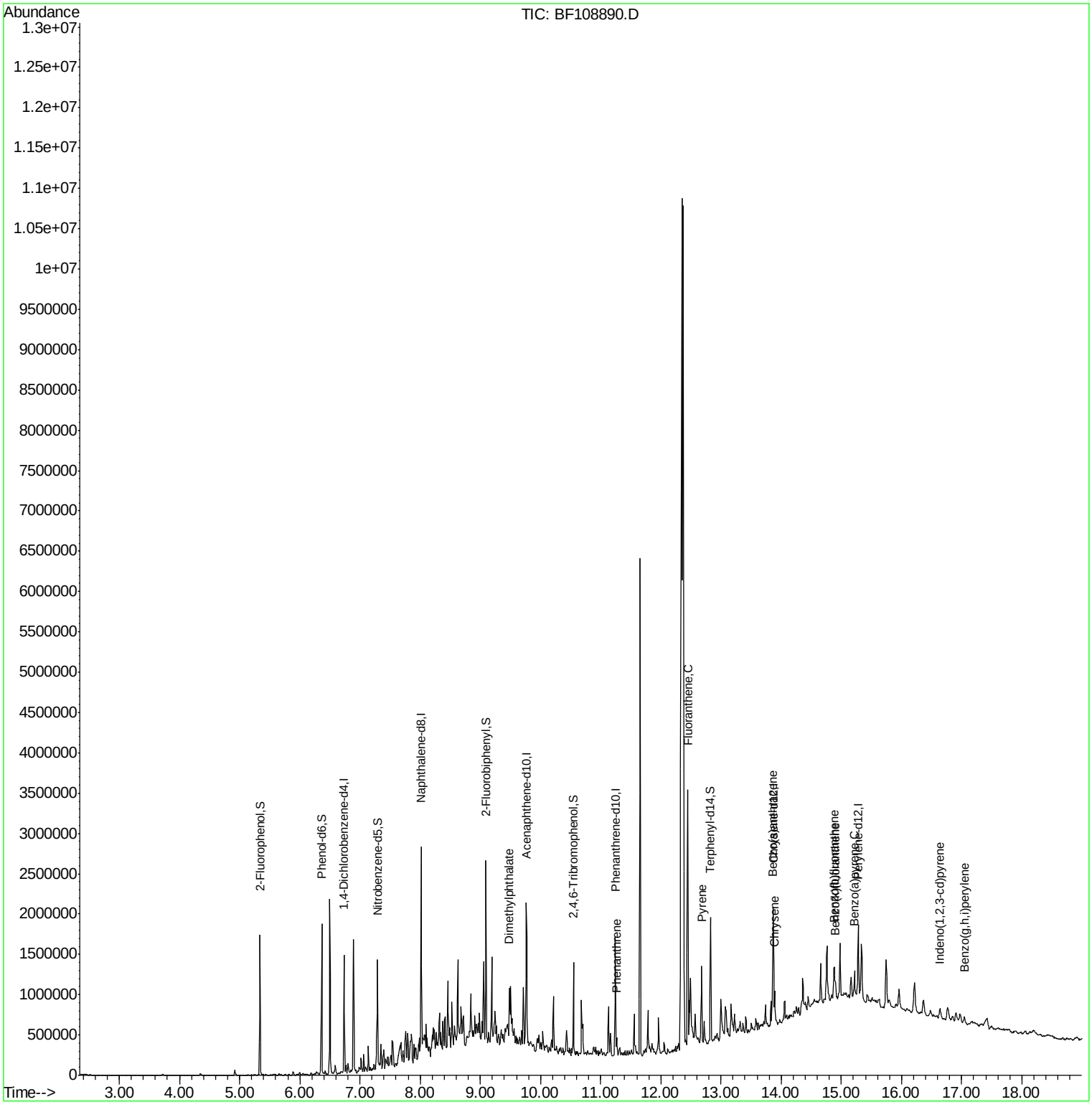
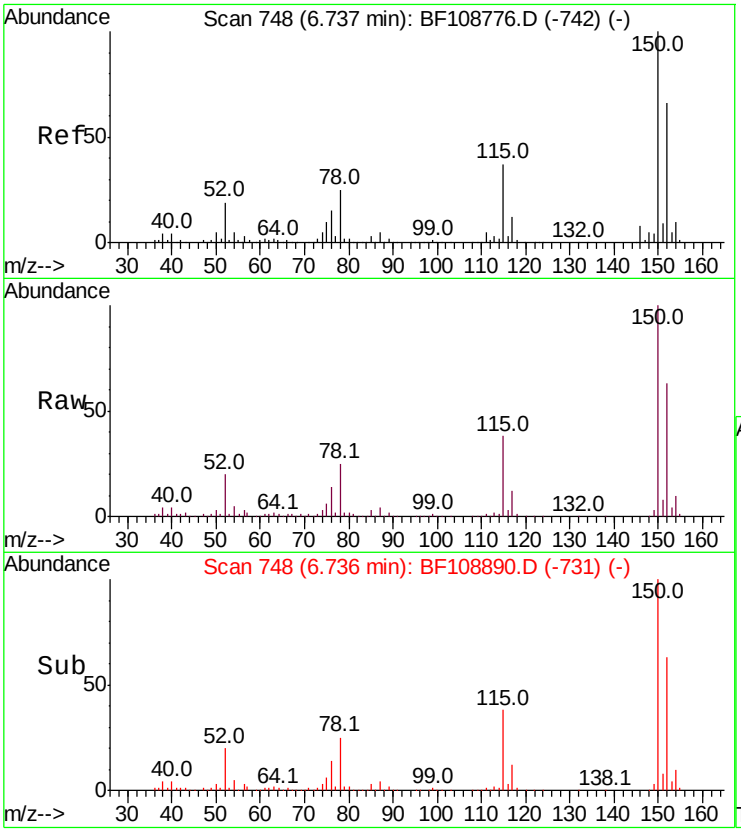
9/11/2018 9:25:59 AM

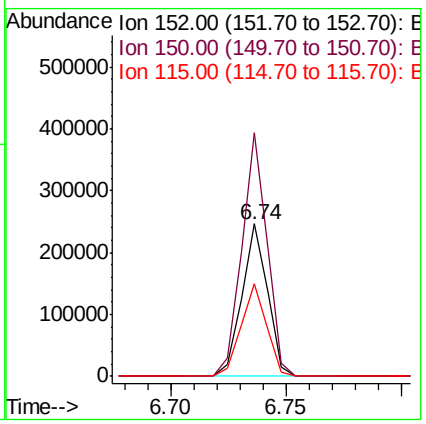




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:152 Resp: 190529

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	60.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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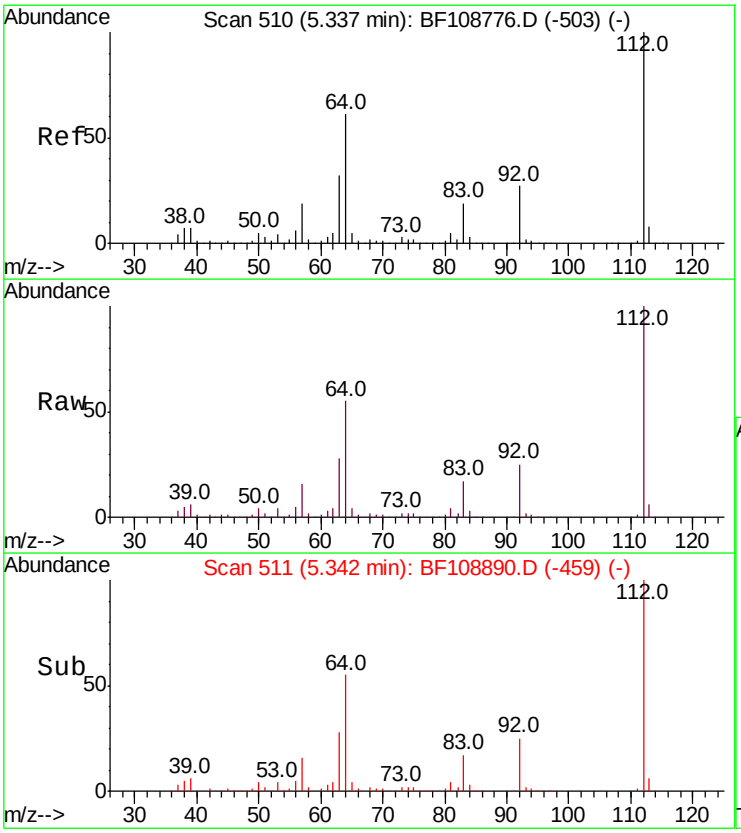
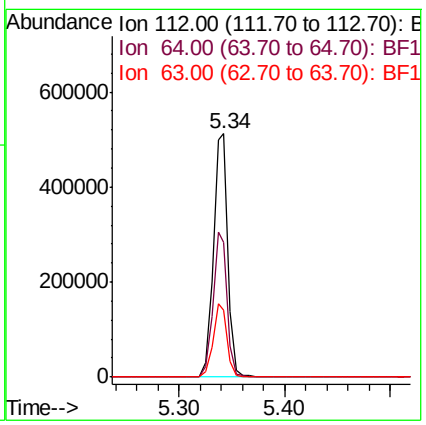
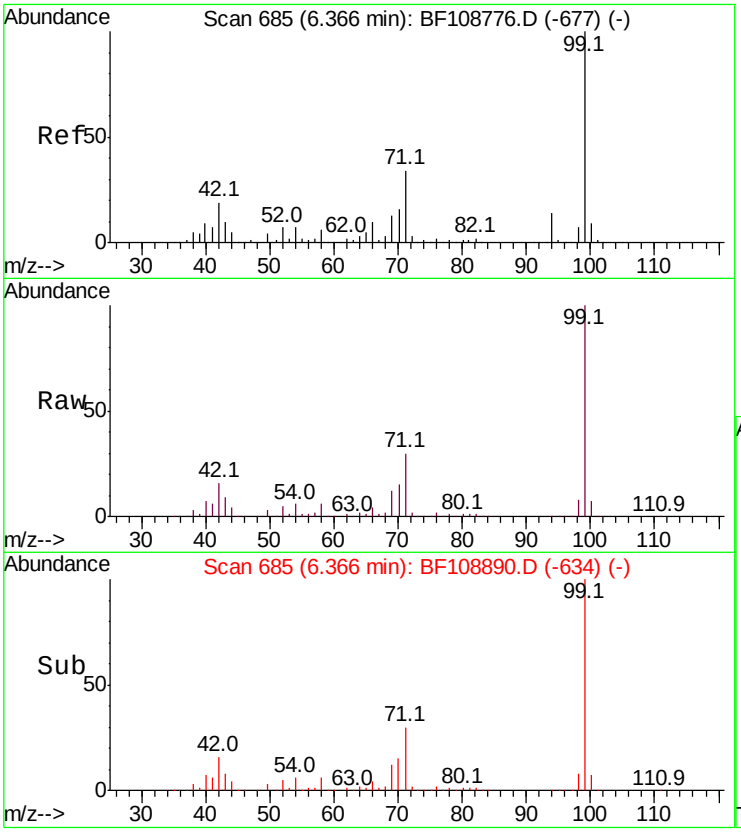


#5
2-Fluorophenol
Concen: 43.386 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:112 Resp: 498973

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.5	23.7	35.5

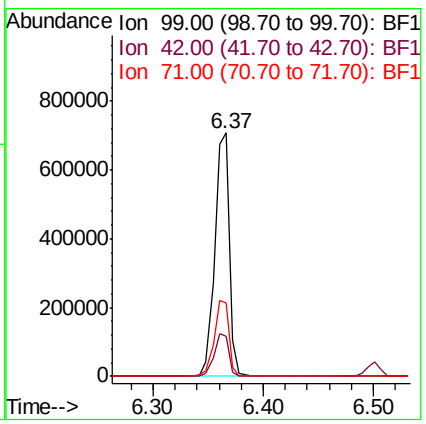




#7
Phenol-d6
Concen: 43.703 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion: 99 Resp: 646699

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	30.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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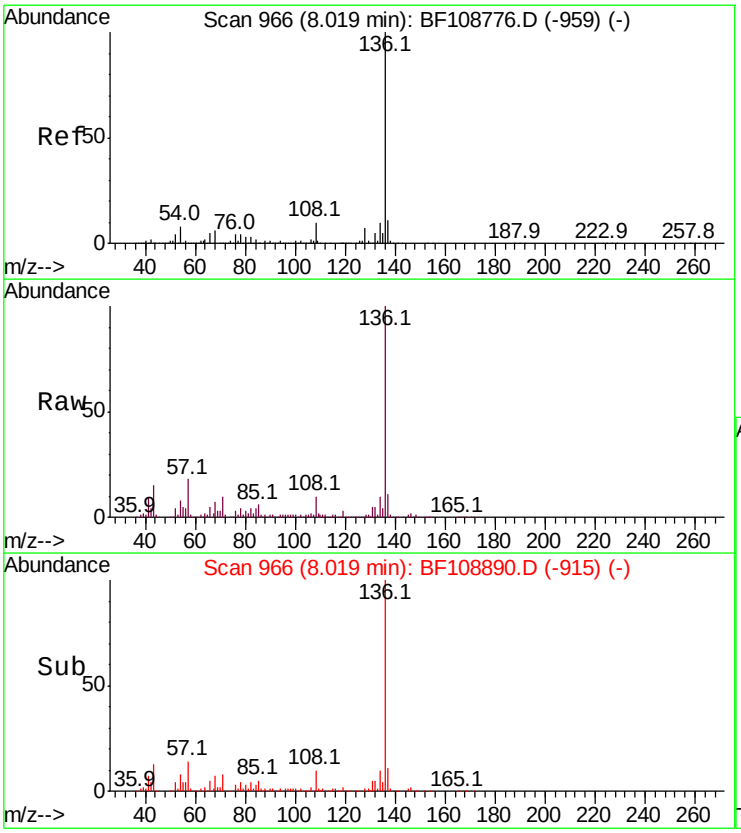
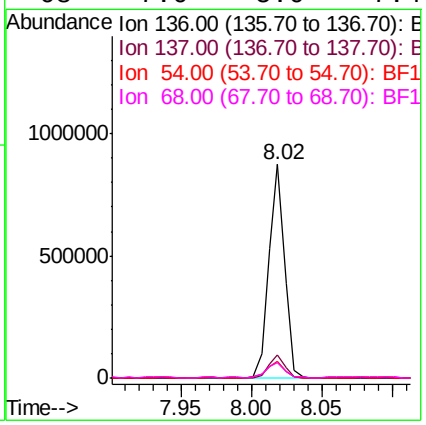
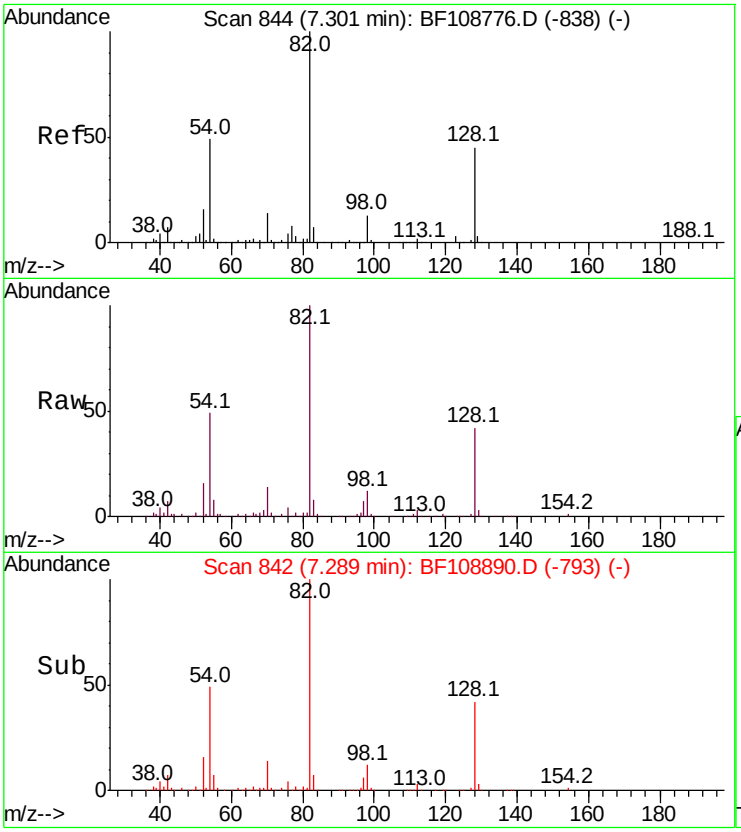


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:136 Resp: 686345

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	7.0	5.0	7.4

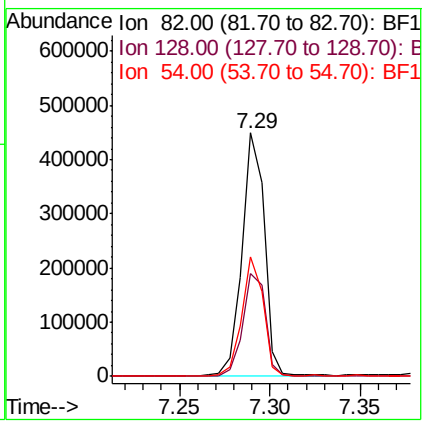




#23
Nitrobenzene-d5
Concen: 34.841 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion: 82 Resp: 382116

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	49.3	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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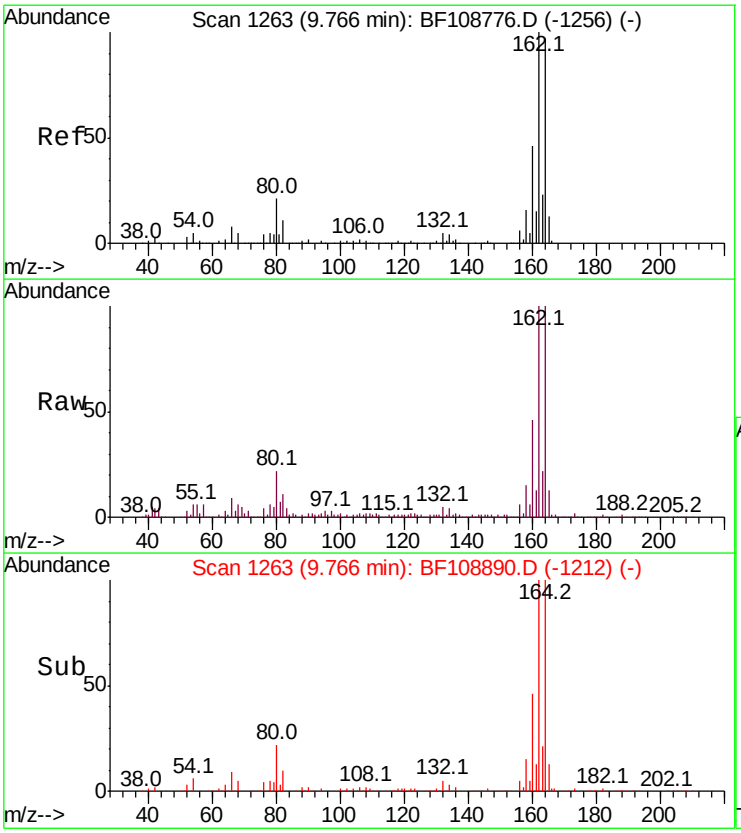
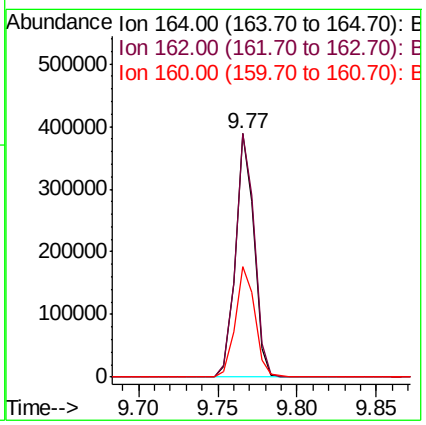
9/11/2018 9:25:59 AM

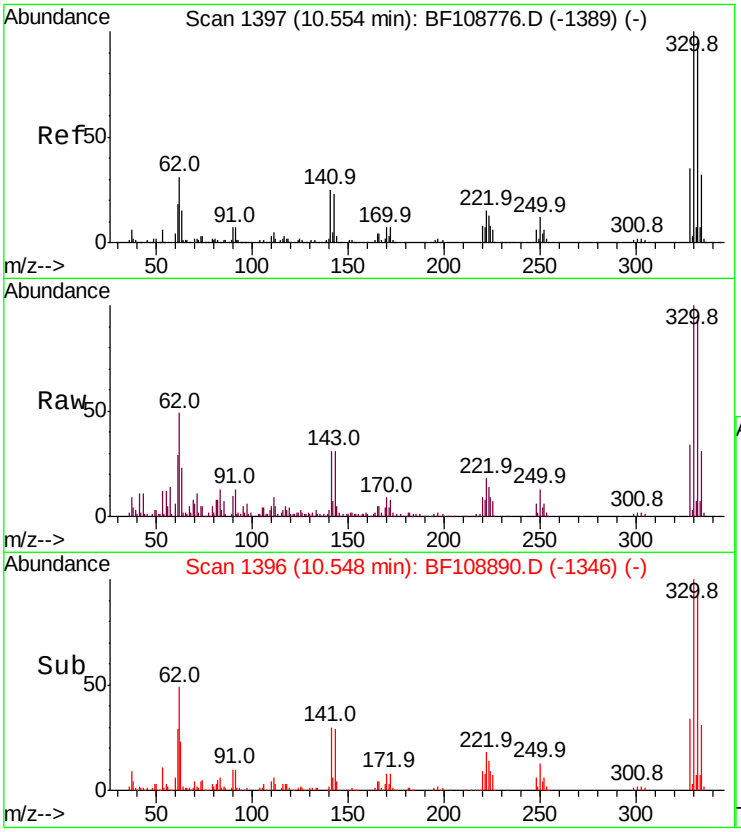


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:164 Resp: 312532

Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	45.6	38.3	57.5

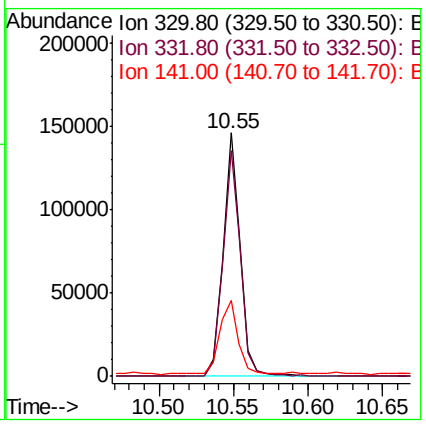




#41
2,4,6-Tribromophenol
Concen: 39.878 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:330 Resp: 118980

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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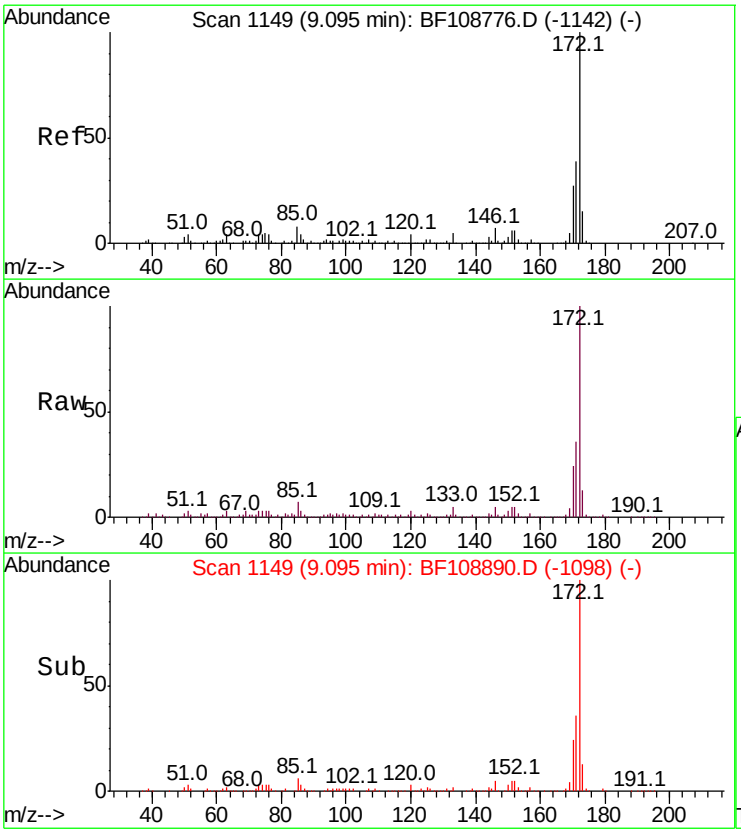
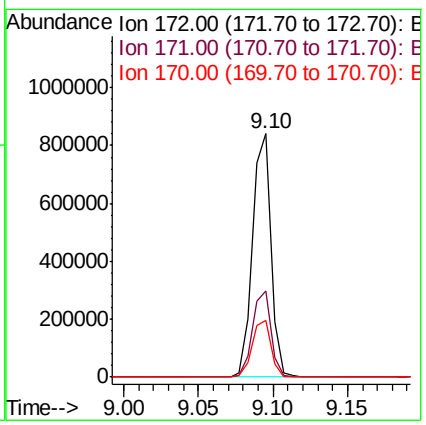
9/11/2018 9:25:59 AM

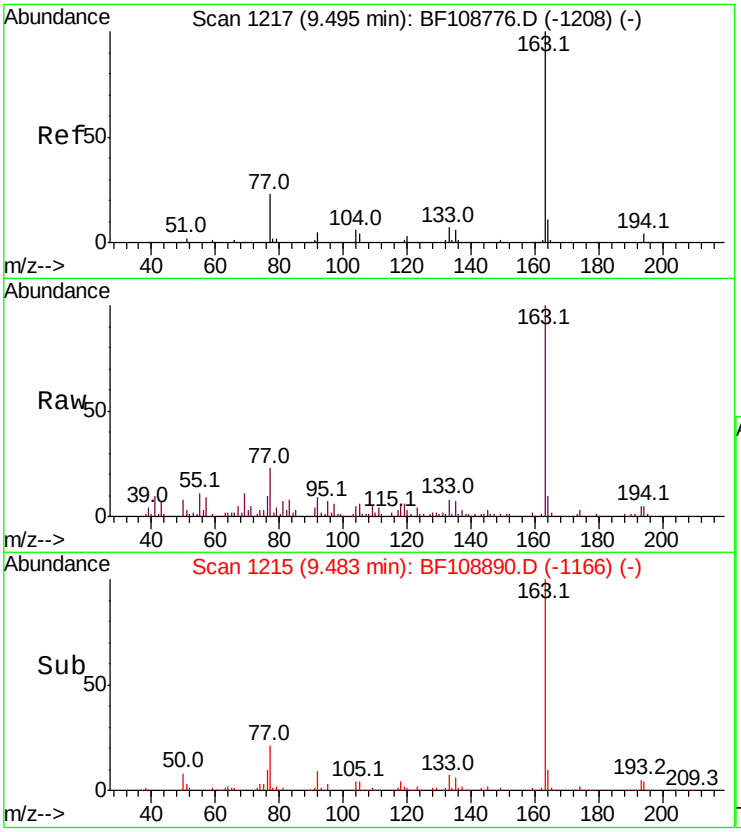


#44
2-Fluorobiphenyl
Concen: 38.842 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:172 Resp: 711578

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4

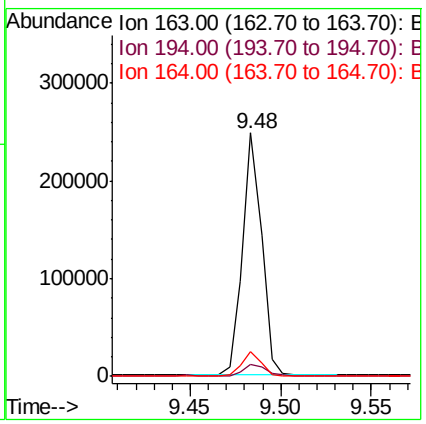




#49
Dimethylphthalate
Concen: 8.333 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:163 Resp: 182160

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	10.2	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

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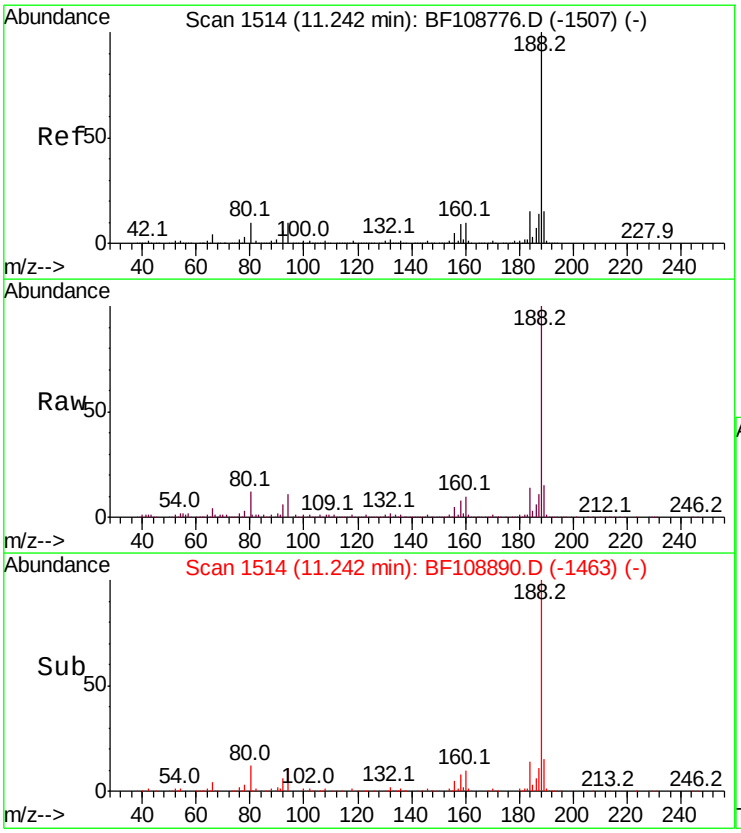
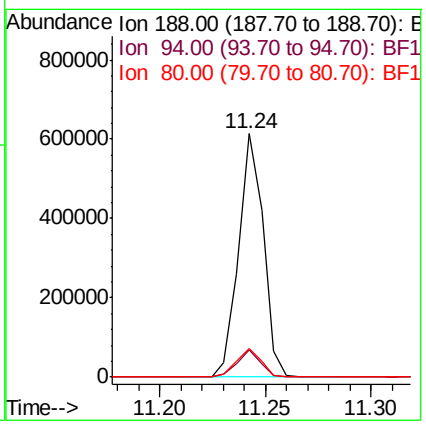
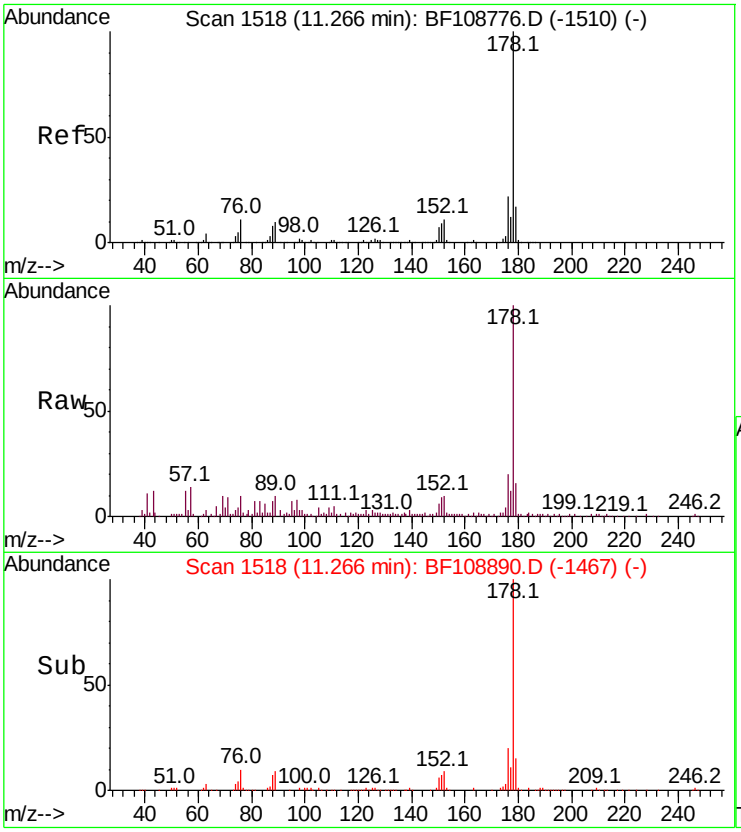


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:188 Resp: 496026

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

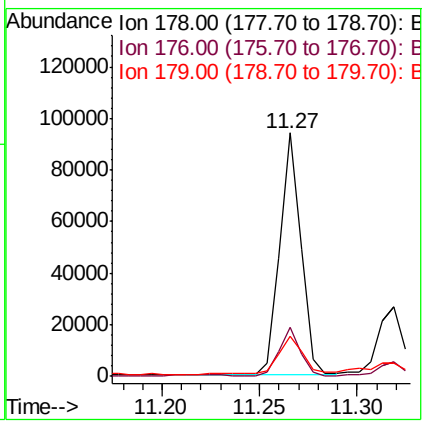




#70
Phenanthrene
Concen: 3.001 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:178 Resp: 71077

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.4	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Manual Integrations APPROVED
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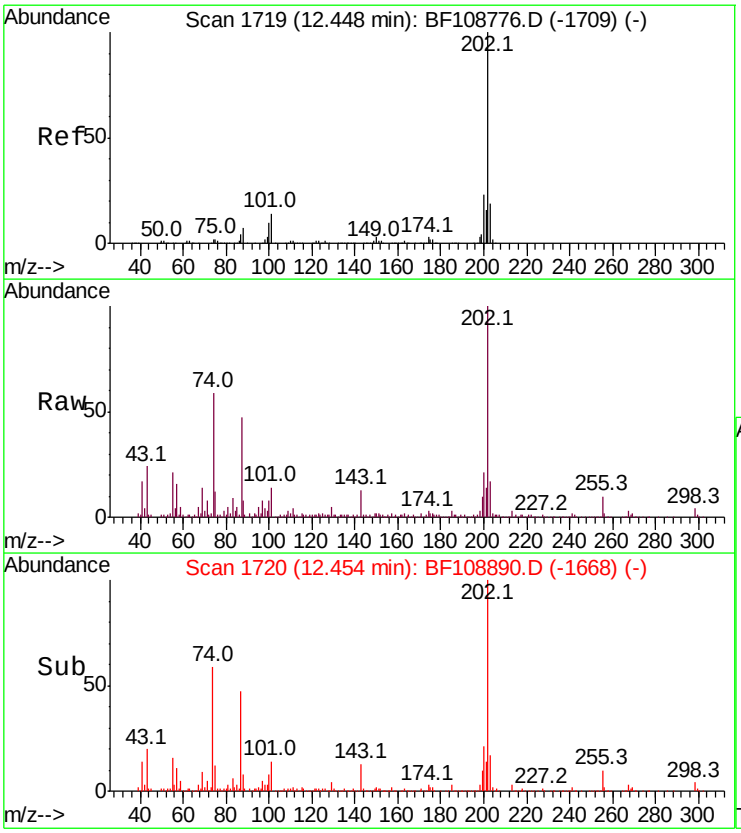
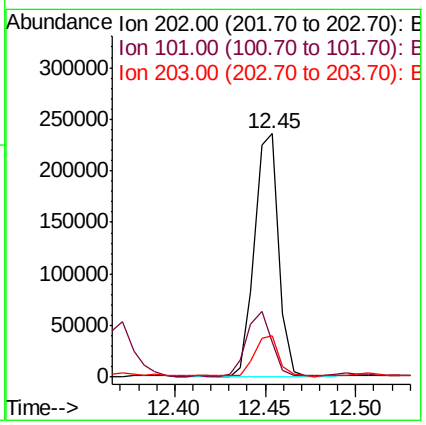
9/11/2018 9:25:59 AM

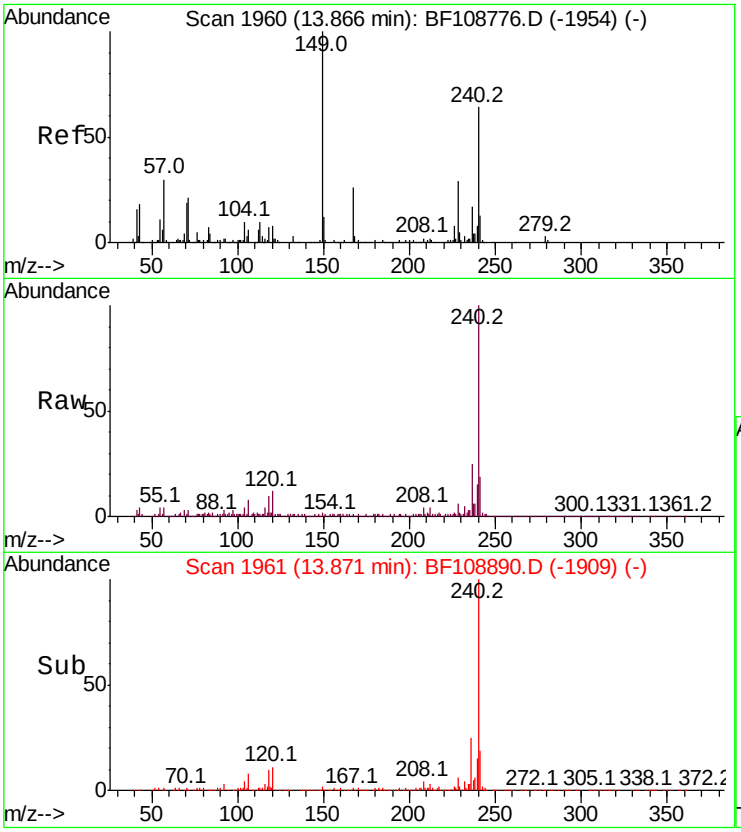


#74
Fluoranthene
Concen: 9.266 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:202 Resp: 217311

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.2	0.0	38.1

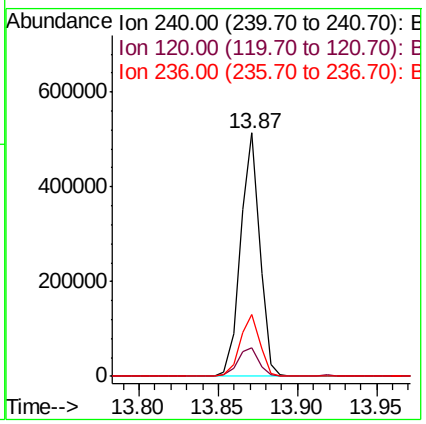




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:240 Resp: 427689

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.4	20.7	31.1



Instrument :
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ClientSampleId :
HR-05-090718-C

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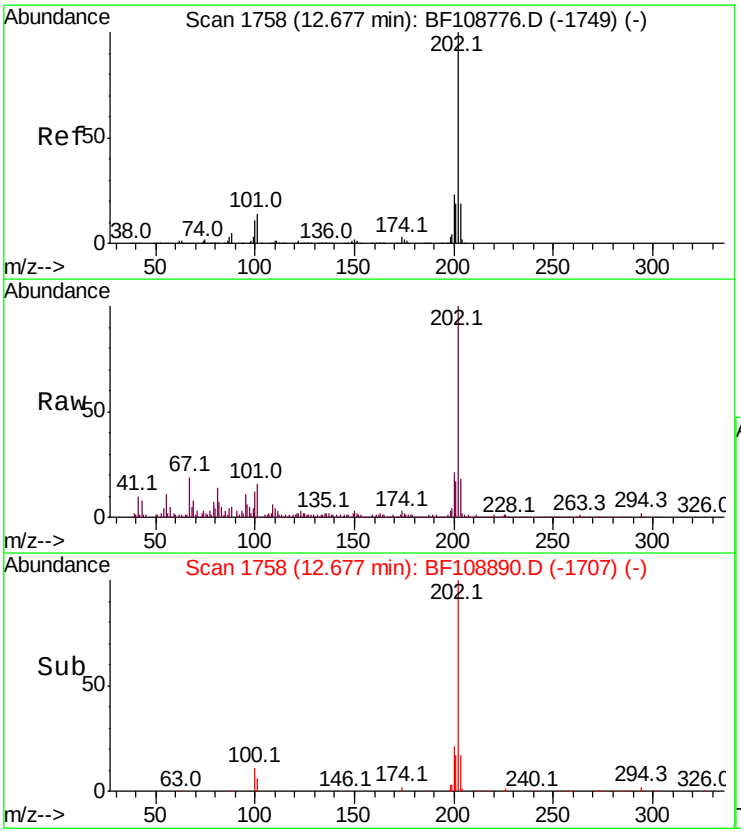
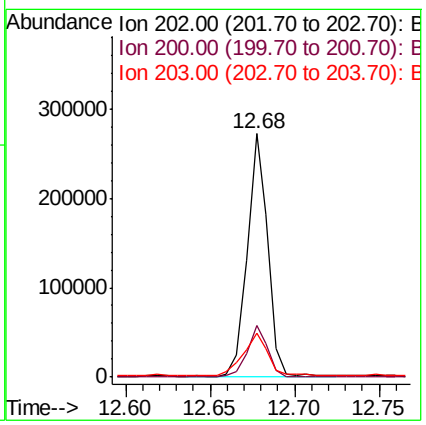
9/11/2018 9:25:59 AM

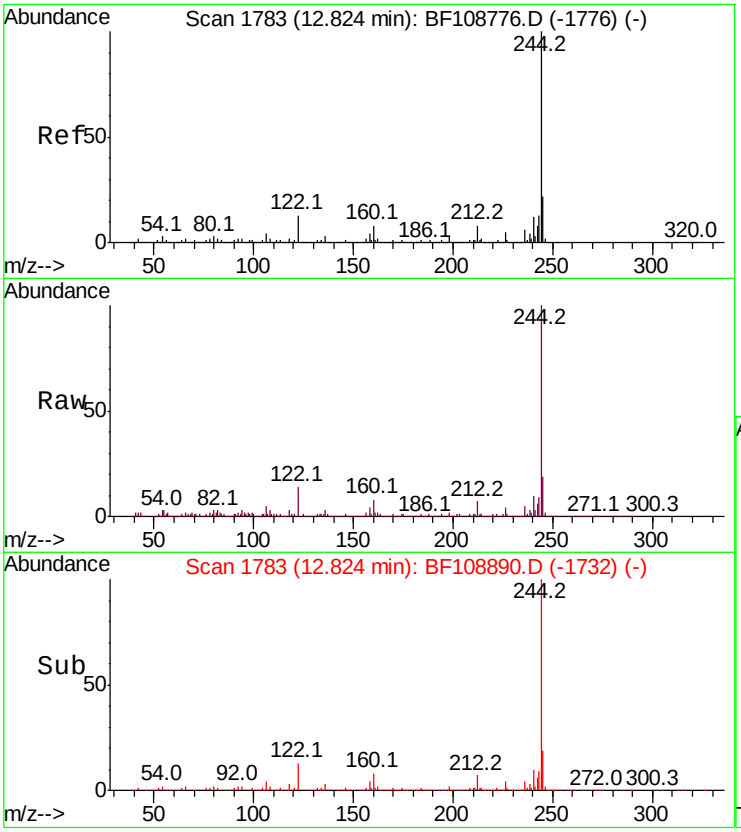


#77
Pyrene
Concen: 6.970 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:202 Resp: 229393

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.0	14.3	21.5

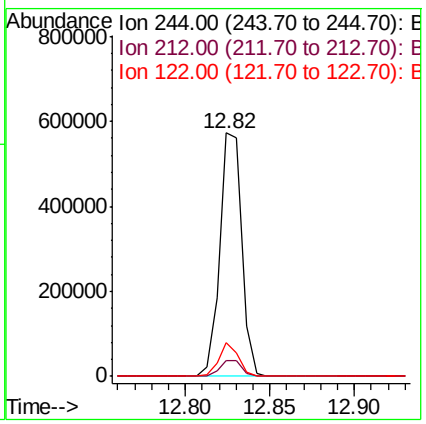




#78
Terphenyl-d14
Concen: 28.352 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

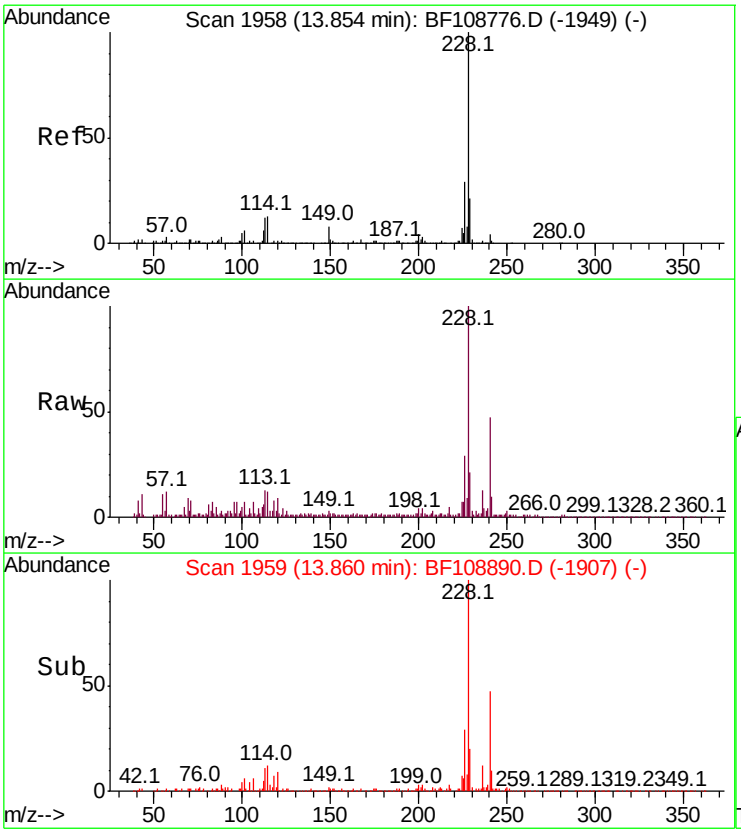
Tgt Ion:244 Resp: 520002

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.7	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

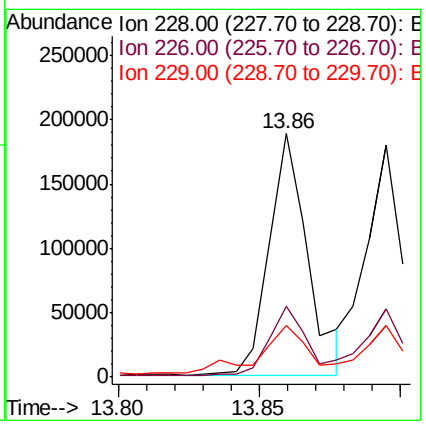
Manual Integrations APPROVED
Sohil
9/11/2018 9:25:59 AM

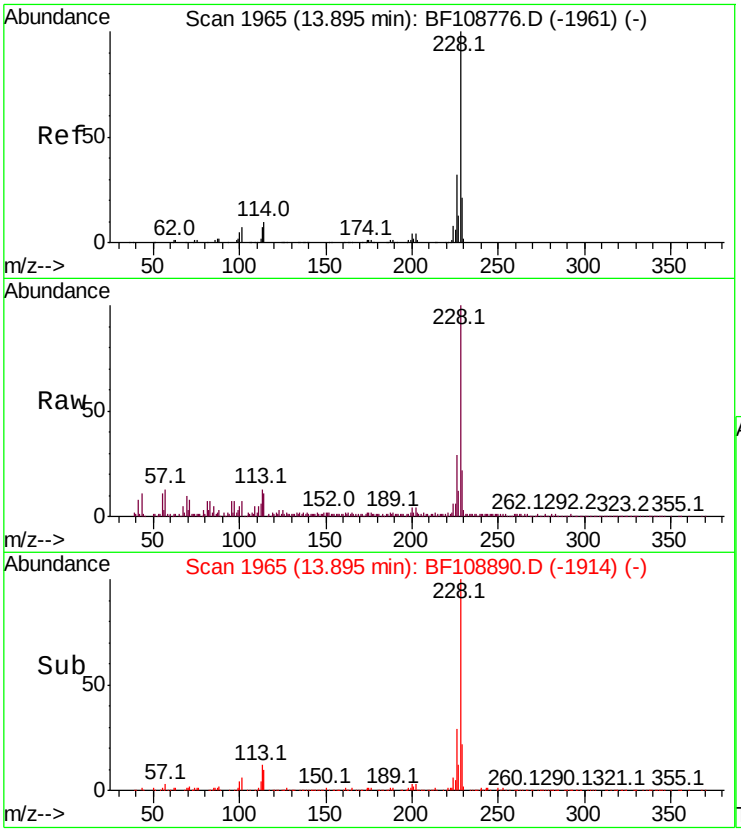


#80
Benzo(a)anthracene
Concen: 6.483 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:228 Resp: 177735

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.0	15.8	23.6

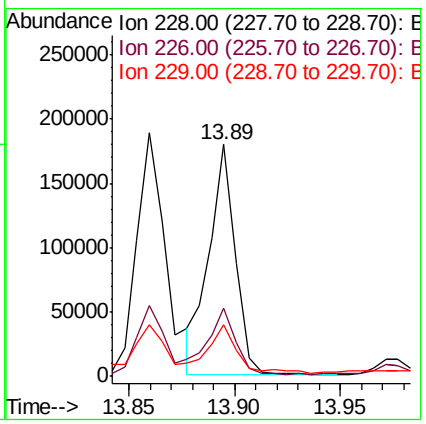




#82
Chrysene
Concen: 5.895 ng
RT: 13.89 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:228 Resp: 156448

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.3	16.2	24.4



Instrument :
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ClientSampleId :
HR-05-090718-C

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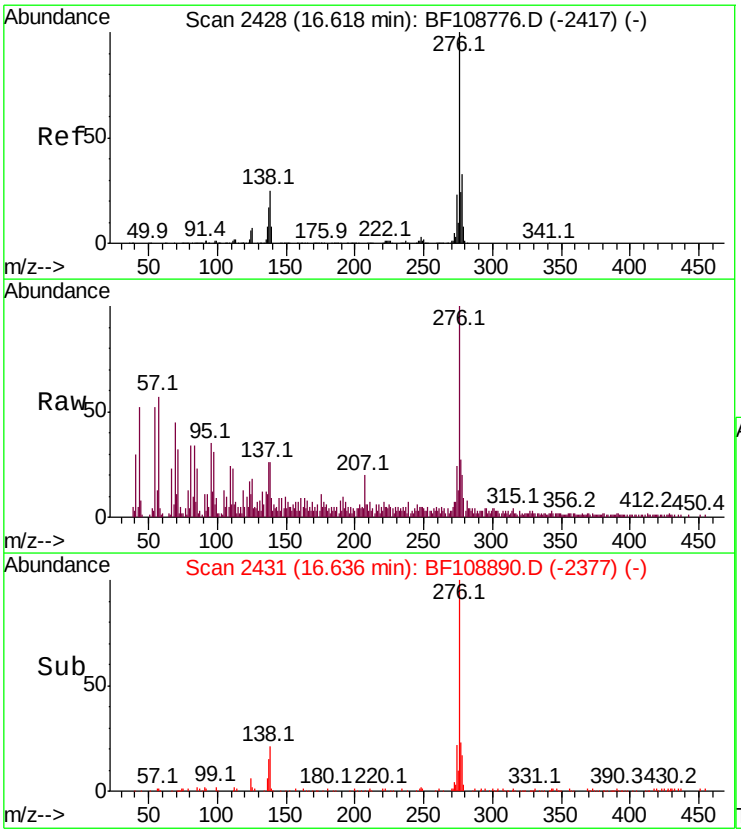
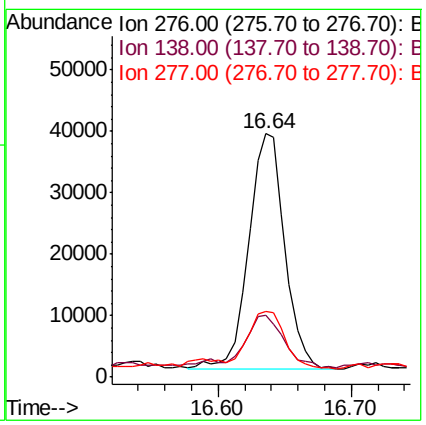
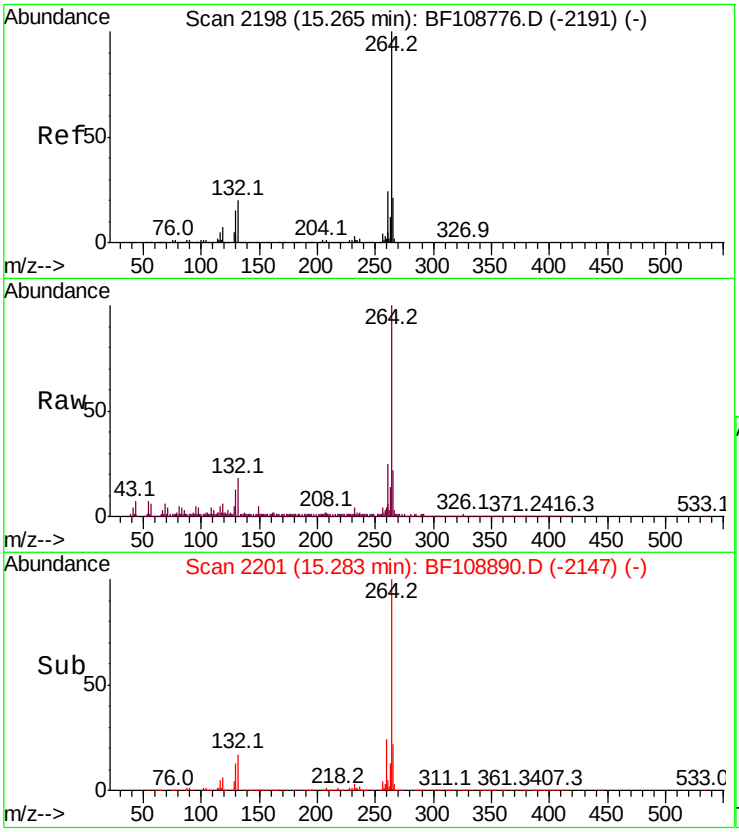


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.099 ng m
RT: 16.64 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:276 Resp: 72780

Ion	Ratio	Lower	Upper
276	100		
138	7.4	25.0	37.6#
277	5.9	20.1	30.1#

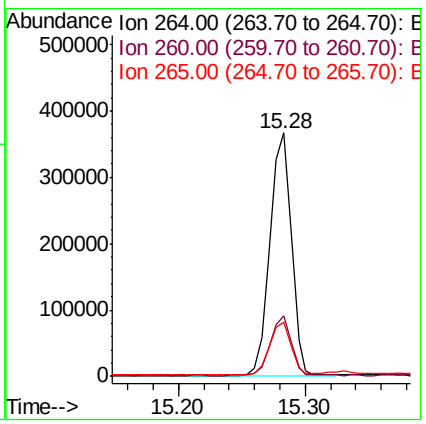




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:264 Resp: 429232

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

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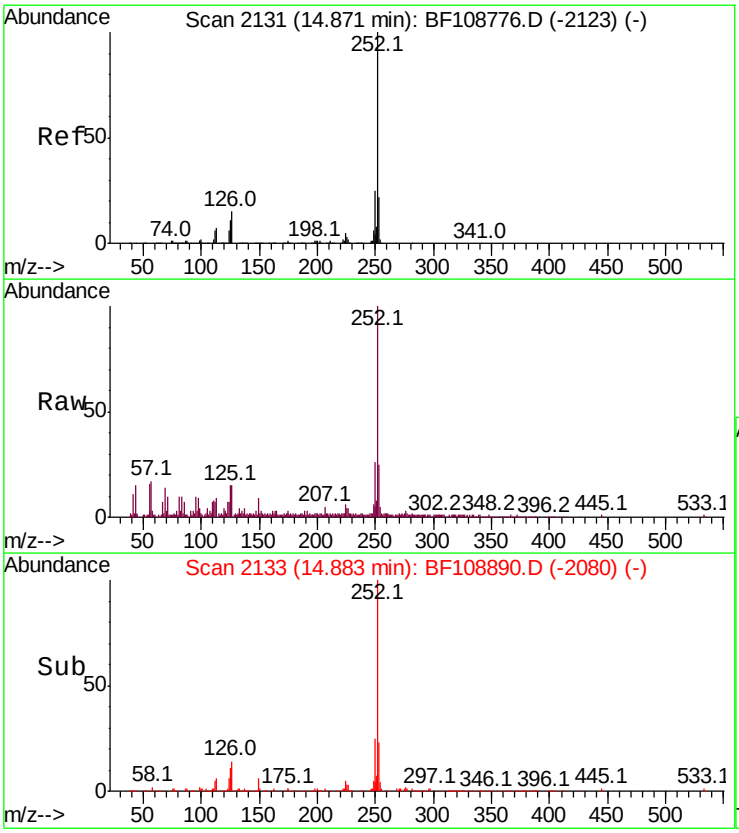
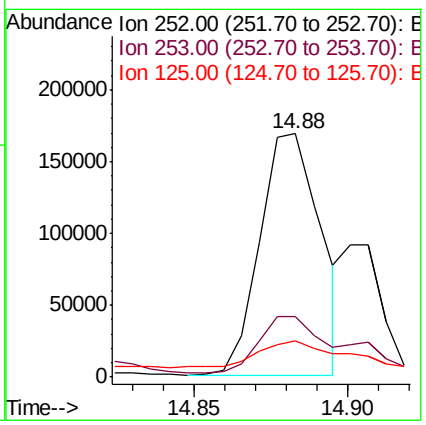
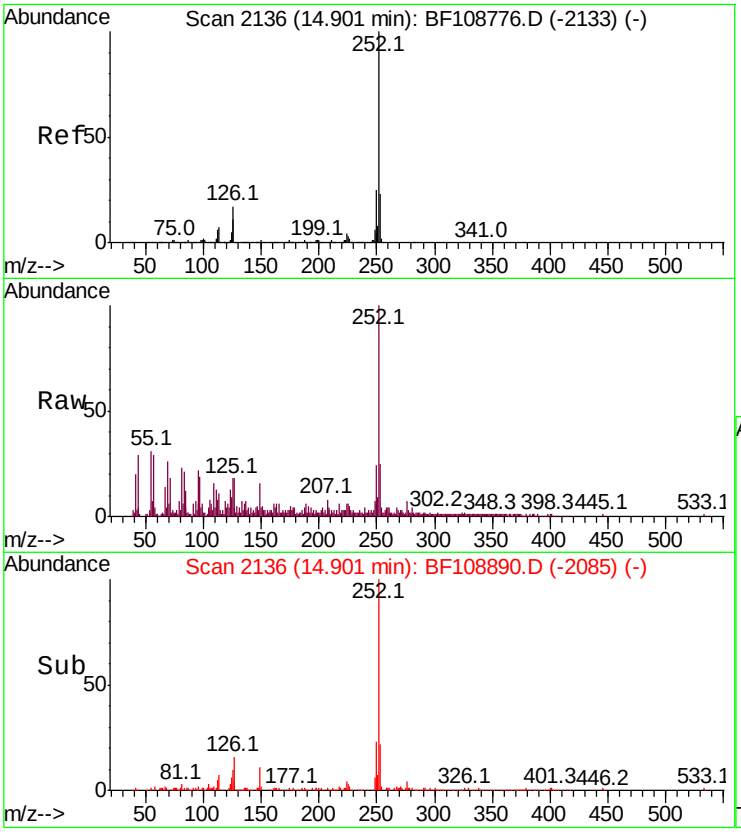


#87
Benzo(b)fluoranthene
Concen: 9.890 ng m
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:252 Resp: 230835

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	14.8	9.0	13.6#

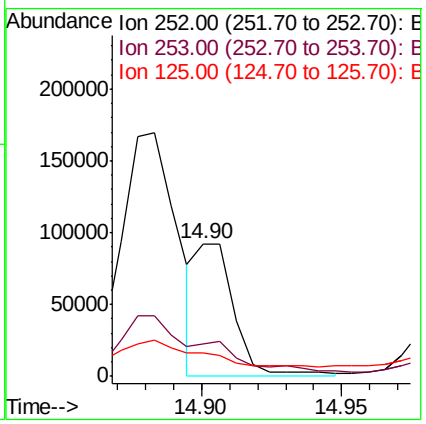




#88
Benzo(k)fluoranthene
Concen: 3.916 ng m
RT: 14.90 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:252 Resp: 84163

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	17.7	10.2	15.2#



Instrument :
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ClientSampleId :
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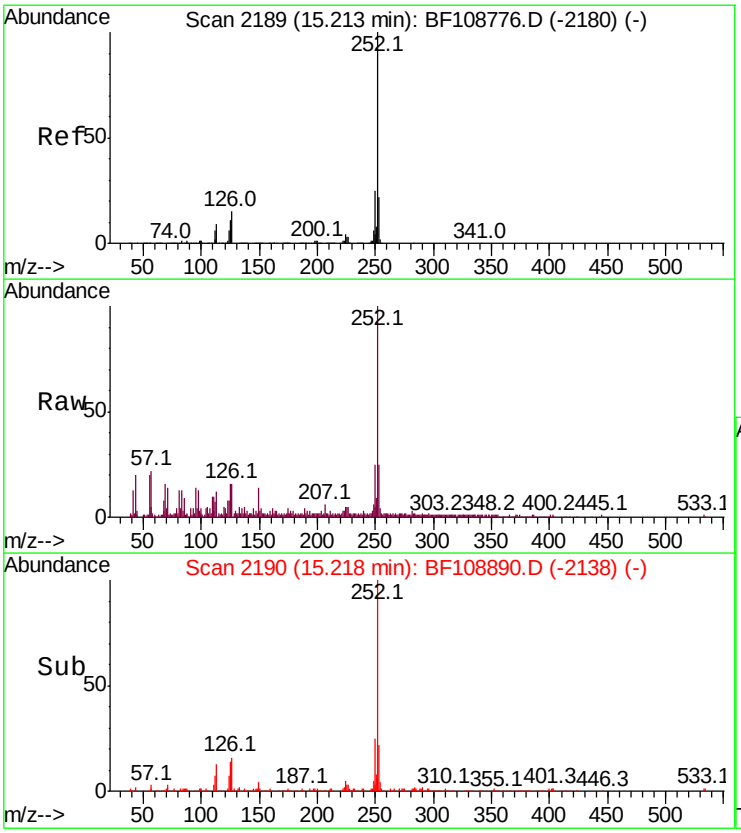
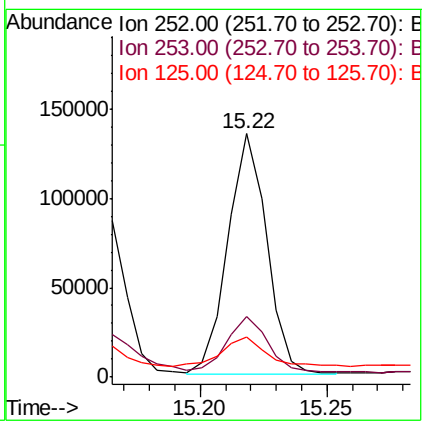
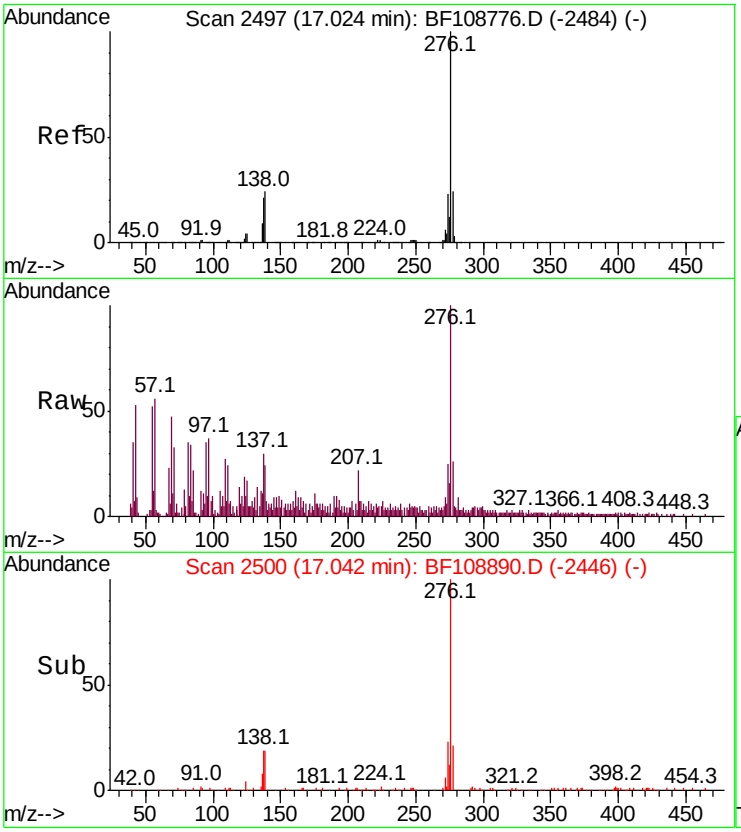


#89
Benzo(a)pyrene
Concen: 6.820 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:252 Resp: 143636

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	16.3	9.8	14.6#

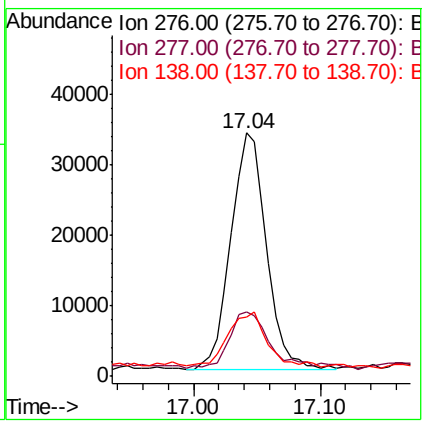




#91
Benzo(g,h,i)perylene
Concen: 3.509 ng
RT: 17.04 min Scan# 2500
Delta R.T. 0.02 min
Lab File: BF108890.D
Acq: 10 Sep 2018 14:02

Tgt Ion:276 Resp: 65194

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	24.2	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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