Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108095.D
Acq On : 10 Aug 2018 20:23
Operator : JU/SJ
Sample : J4272-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:18 PM

Quant Time: Aug 11 01:45:13 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	293910	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1063231	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	468870	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	763997	20.00	ng		0.00
75) Chrysene-d12	14.22	240	630561	20.00	ng		0.00
86) Perylene-d12	15.79	264	436482	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	804902	49.58	ng		0.00
7) Phenol-d6	6.63	99	1080696	50.10	ng		0.00
23) Nitrobenzene-d5	7.58	82	673123	35.33	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	212033	45.34	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1211781	41.49	ng		0.00
78) Terphenyl-d14	13.15	244	1020901	41.17	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.77	163	96458	2.953	ng		99
74) Fluoranthene	12.78	202	146189	3.717	ng		96
77) Pyrene	13.02	202	139918	3.505	ng		99
80) Benzo(a)anthracene	14.21	228	78940	2.181	ng		93
82) Chrysene	14.25	228	73783	2.224	ng		98
87) Benzo(b)fluoranthene	15.32	252	80795m	3.098	ng		
88) Benzo(k)fluoranthene	15.32	252	98863	4.124	ng	#	84
89) Benzo(a)pyrene	15.72	252	50408	2.158	ng	#	78

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108095.D
Acq On : 10 Aug 2018 20:23
Operator : JU/SJ
Sample : J4272-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 11 01:45:13 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 :
JC-03-080918-G

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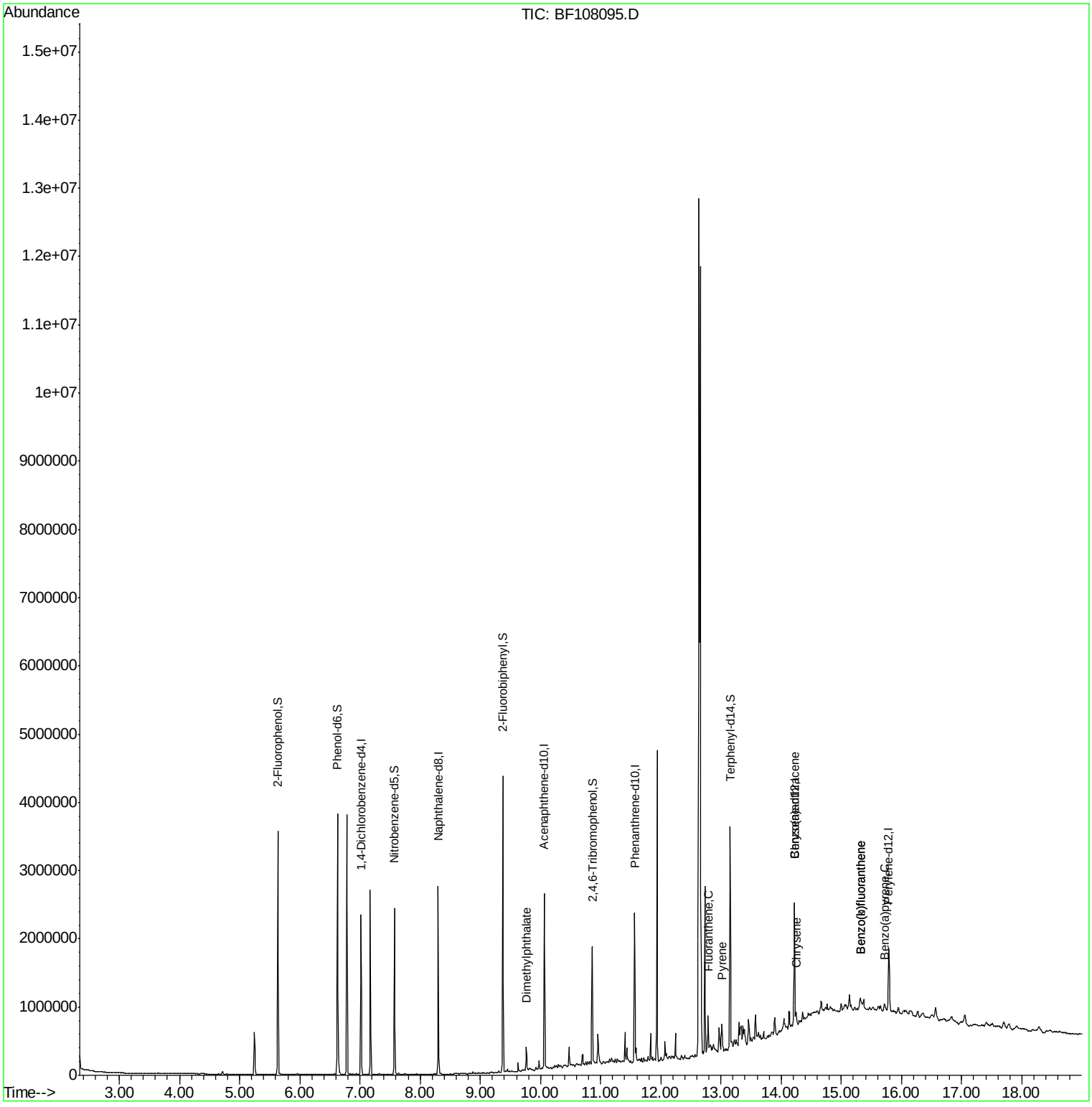
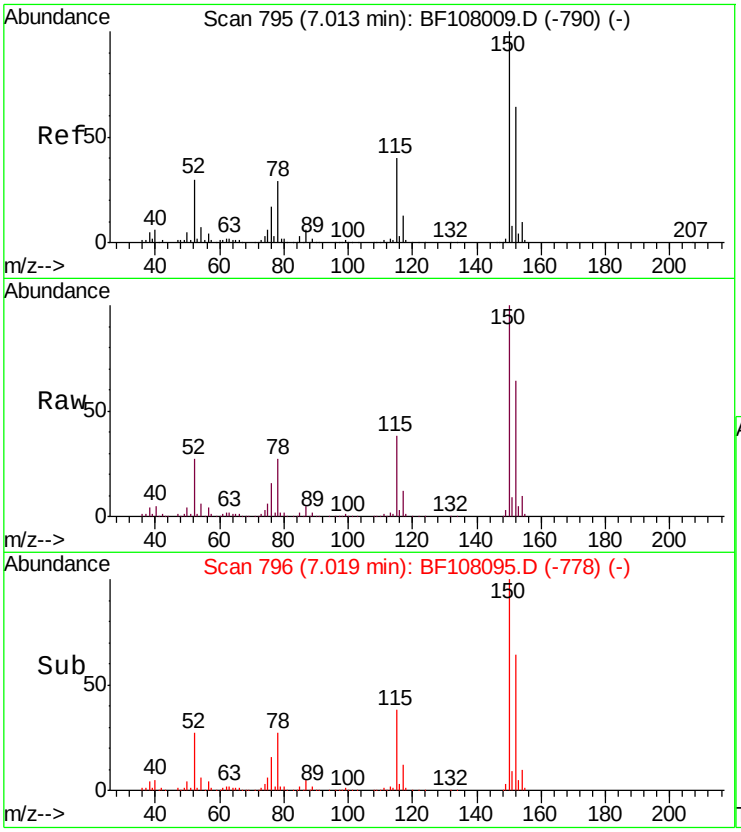
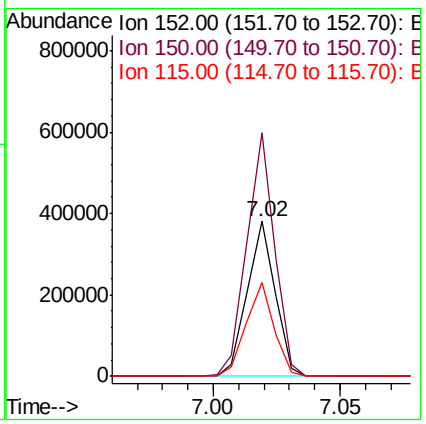




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:152 Resp: 293910

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	60.4	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
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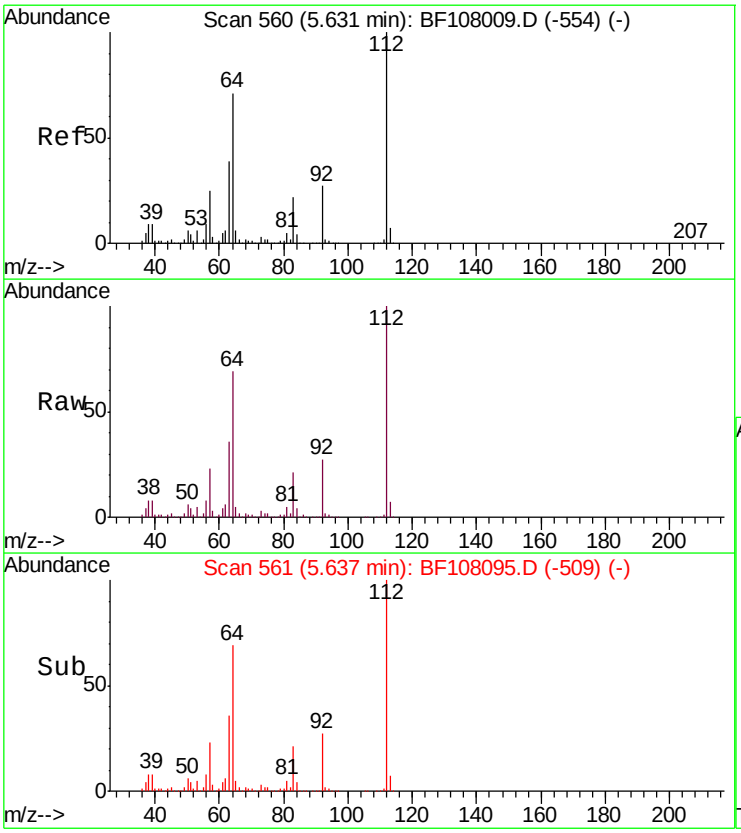
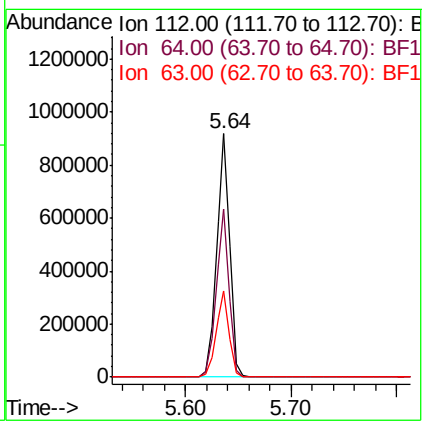
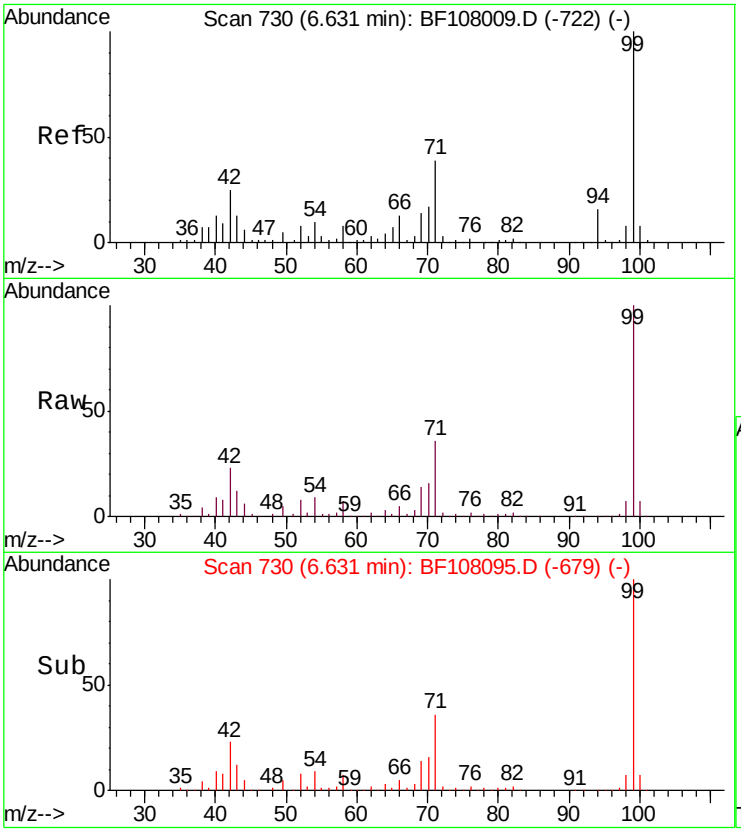


#5
2-Fluorophenol
Concen: 49.581 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:112 Resp: 804902

Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	35.6	23.7	35.5#

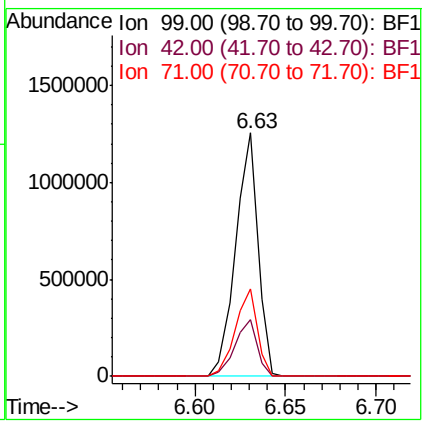




#7
Phenol-d6
Concen: 50.095 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion: 99 Resp: 1080696

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	36.0	25.4	38.0



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

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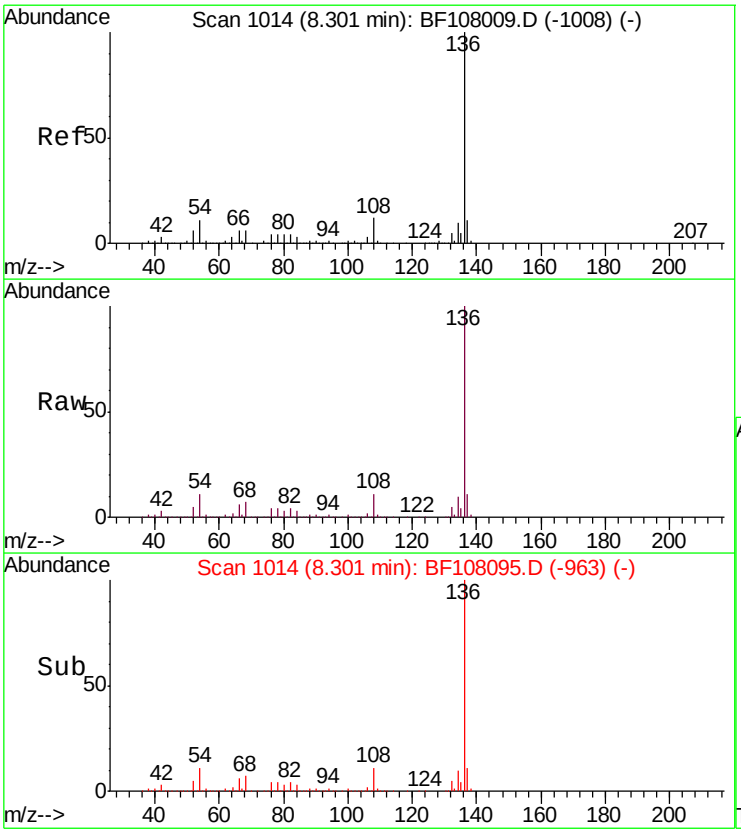
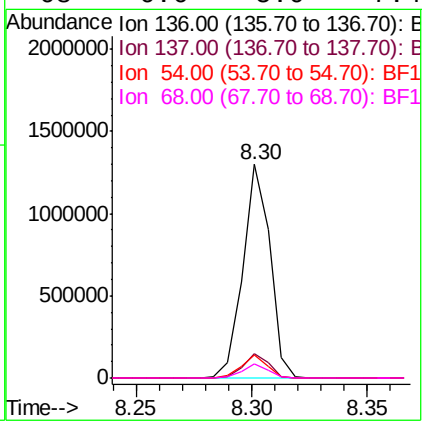
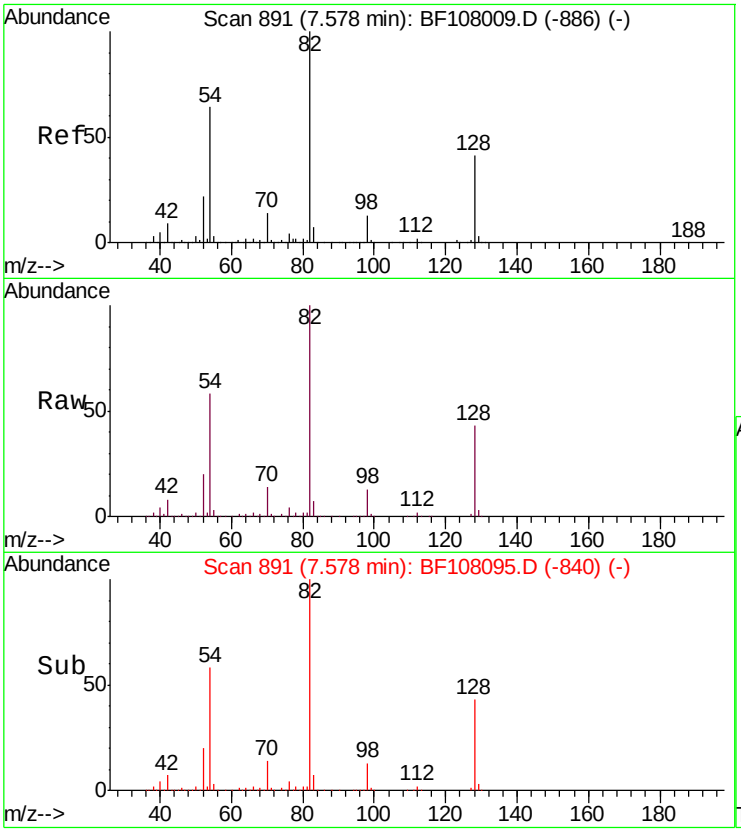


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:136 Resp: 1063231

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	6.6	9.8#
68	6.6	5.0	7.4

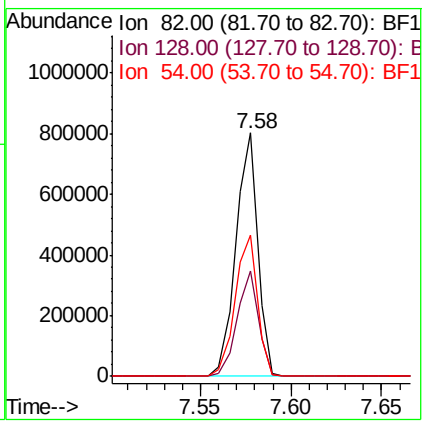




#23
Nitrobenzene-d5
Concen: 35.327 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion: 82 Resp: 673123

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	57.9	41.4	62.2



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

Manual Integrations APPROVED
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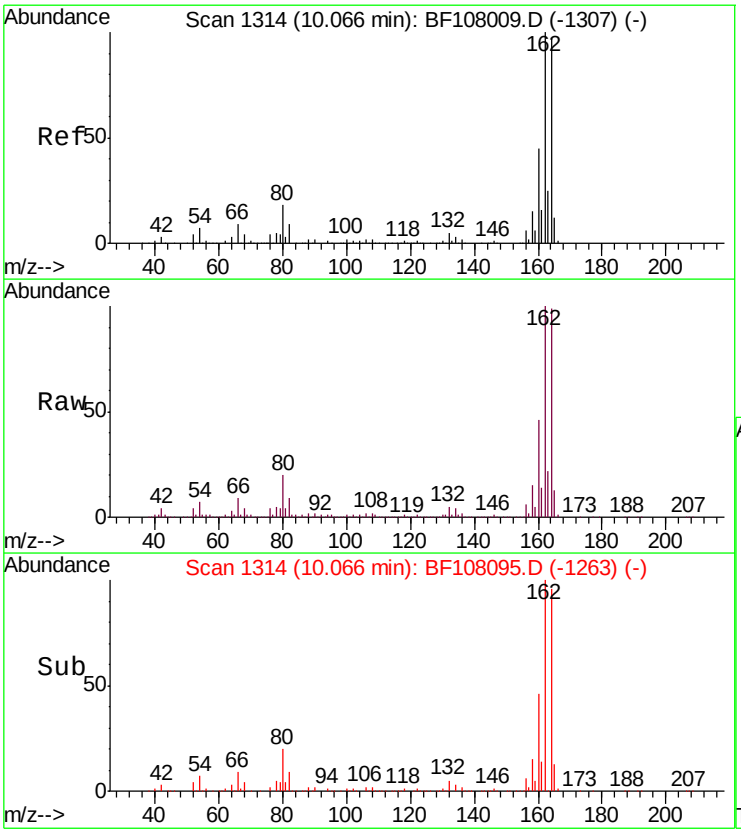
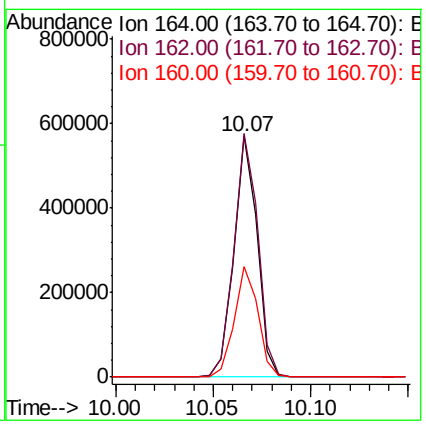
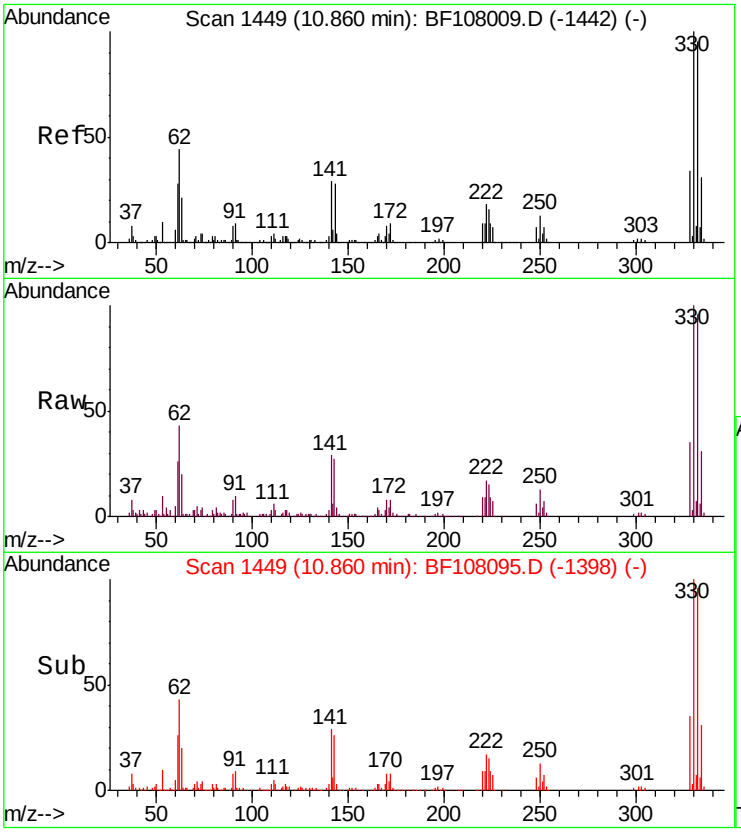


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:164 Resp: 468870

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5

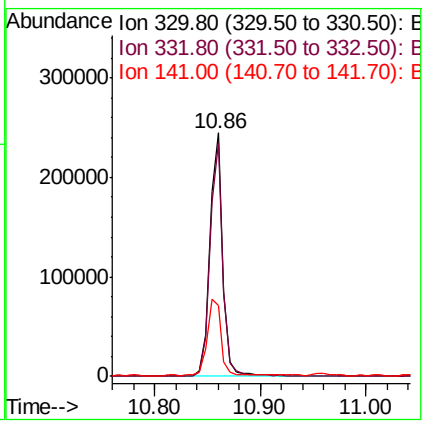




#41
2,4,6-Tribromophenol
Concen: 45.337 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:330 Resp: 212033

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.0	29.9	44.9



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

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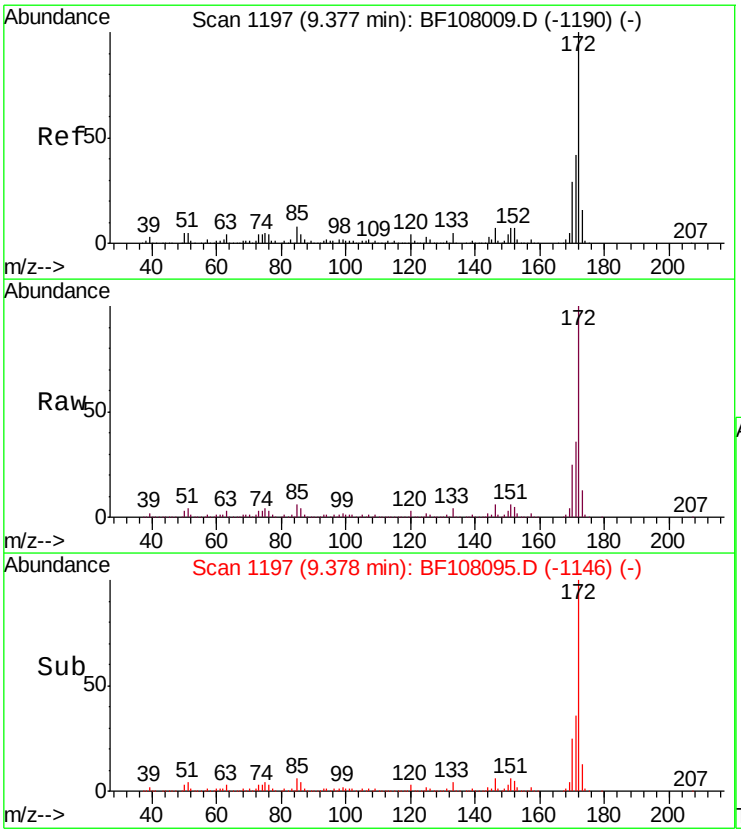
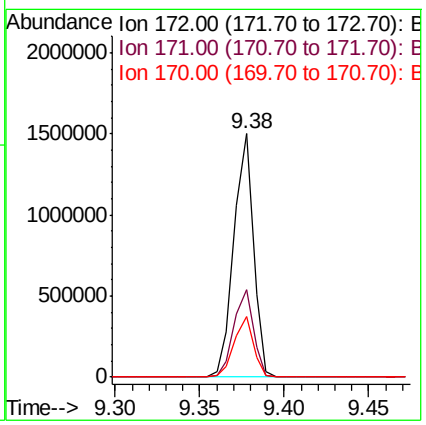
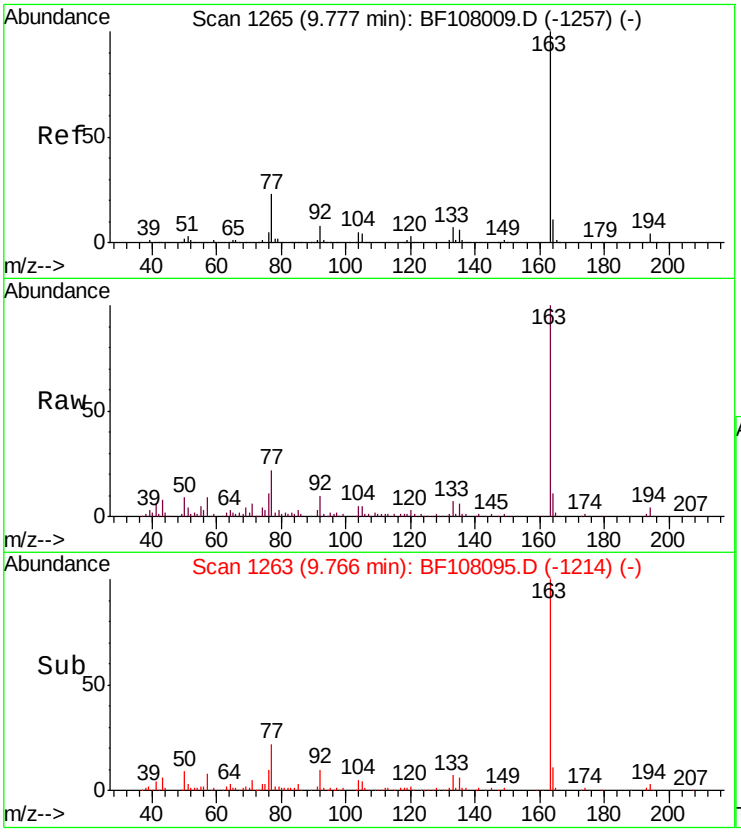


#44
2-Fluorobiphenyl
Concen: 41.493 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:172 Resp: 1211781

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4

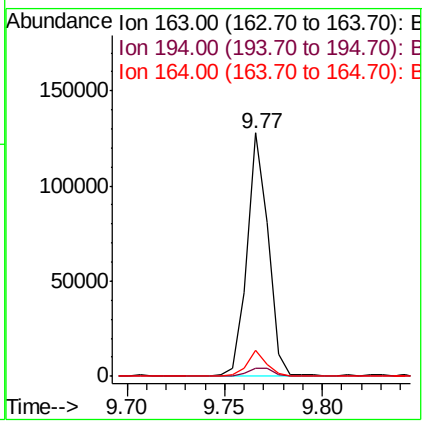




#49
Dimethylphthalate
Concen: 2.953 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:163 Resp: 96458

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.7	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
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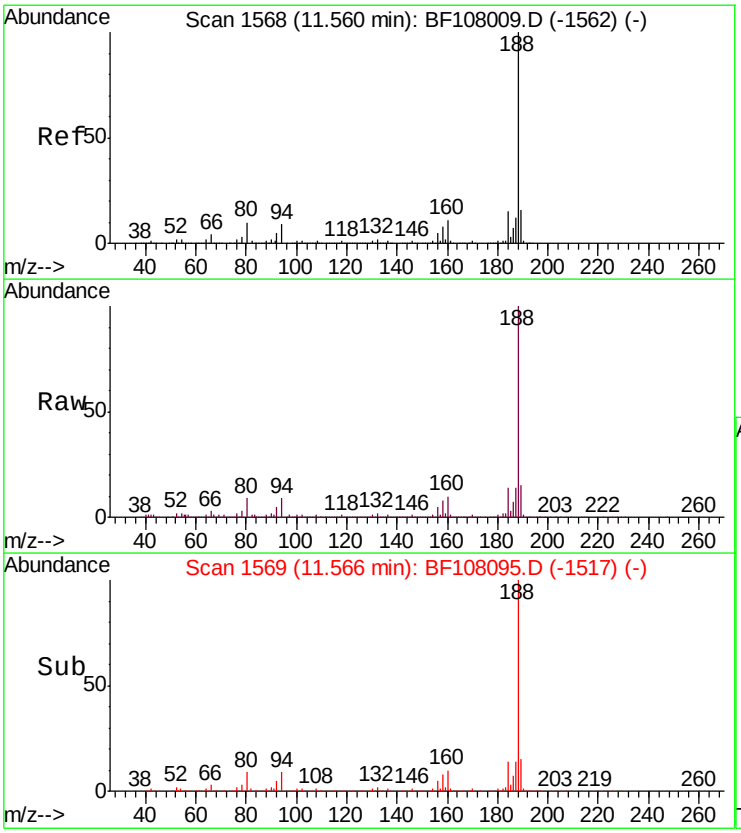
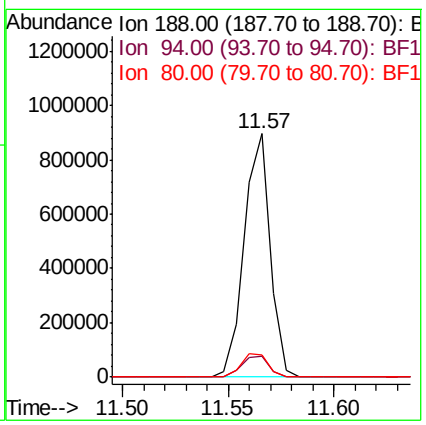
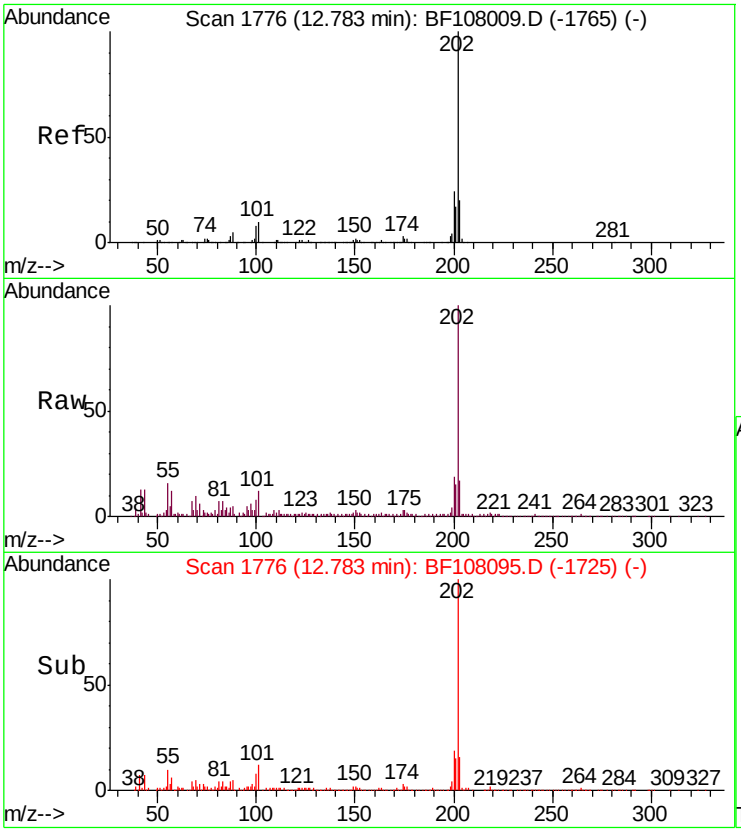


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:188 Resp: 763997

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.3	9.2	13.8

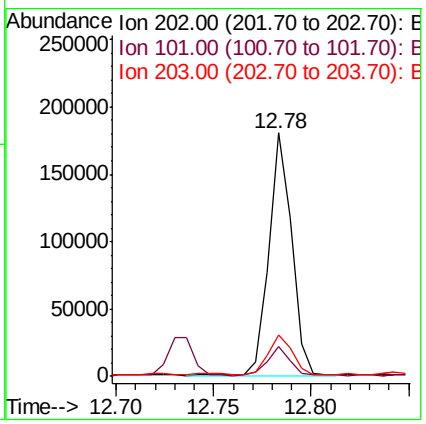




#74
Fluoranthene
Concen: 3.717 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:202 Resp: 146189

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.9	0.0	38.1



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

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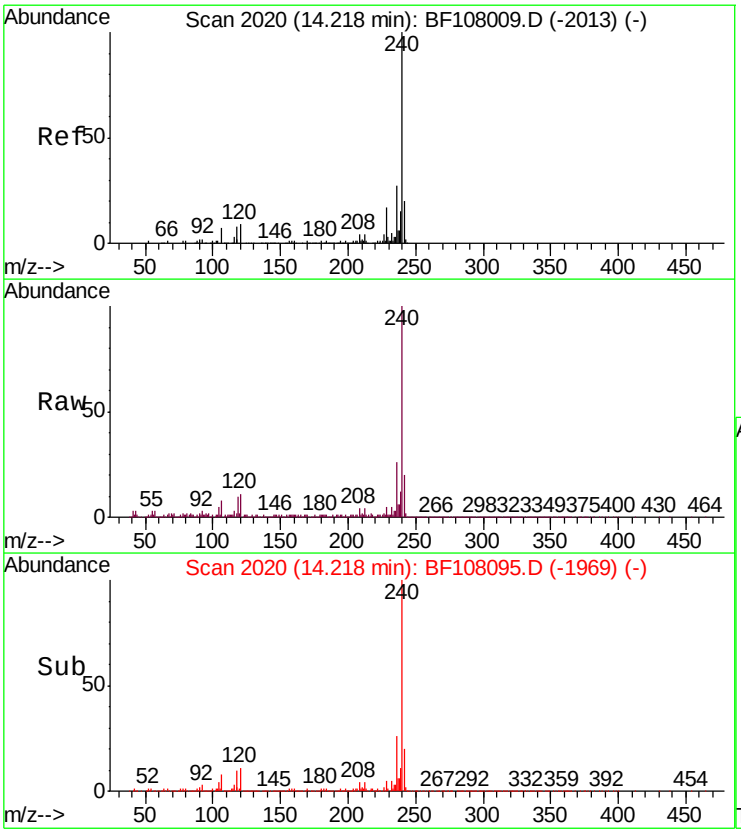
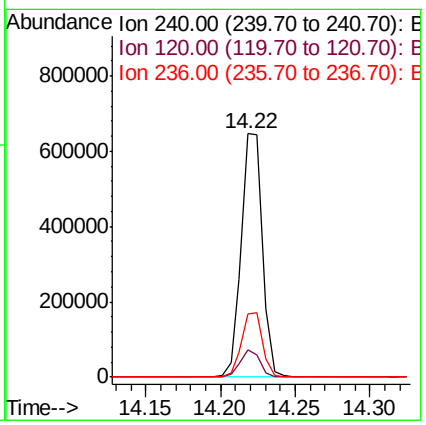
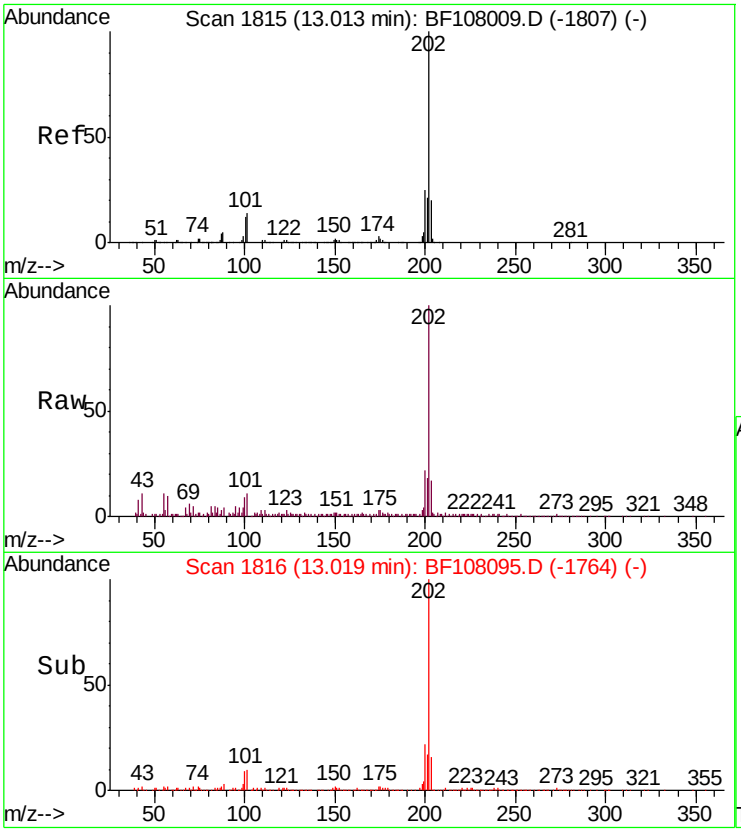


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:240 Resp: 630561

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.9	20.7	31.1

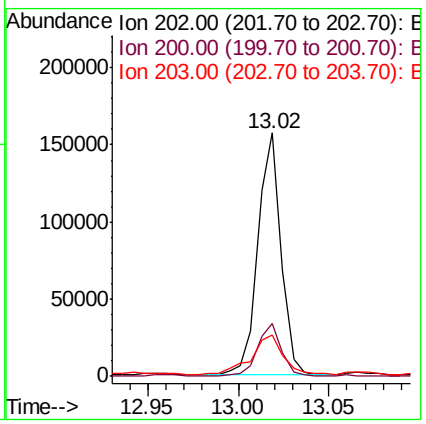




#77
Pyrene
Concen: 3.505 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:202 Resp: 139918

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.0	14.3	21.5



Instrument :
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ClientSampleId :
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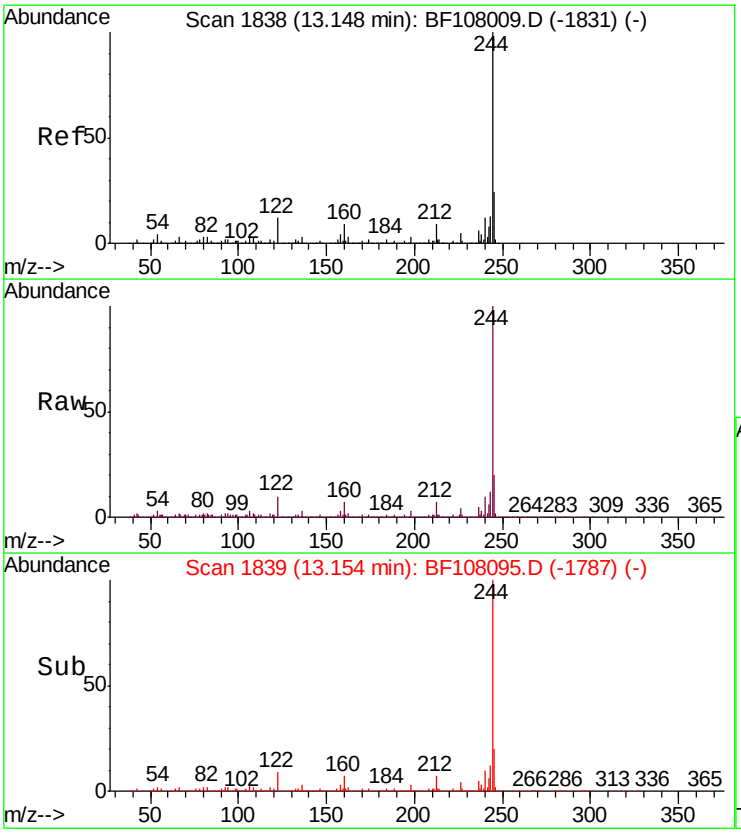
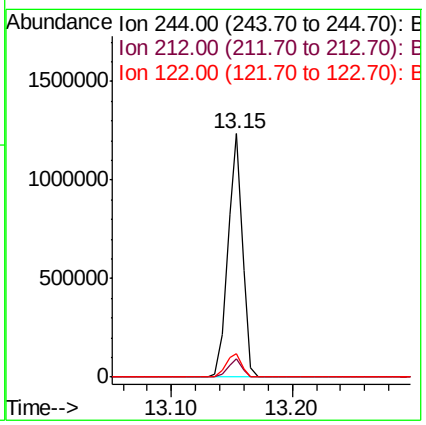
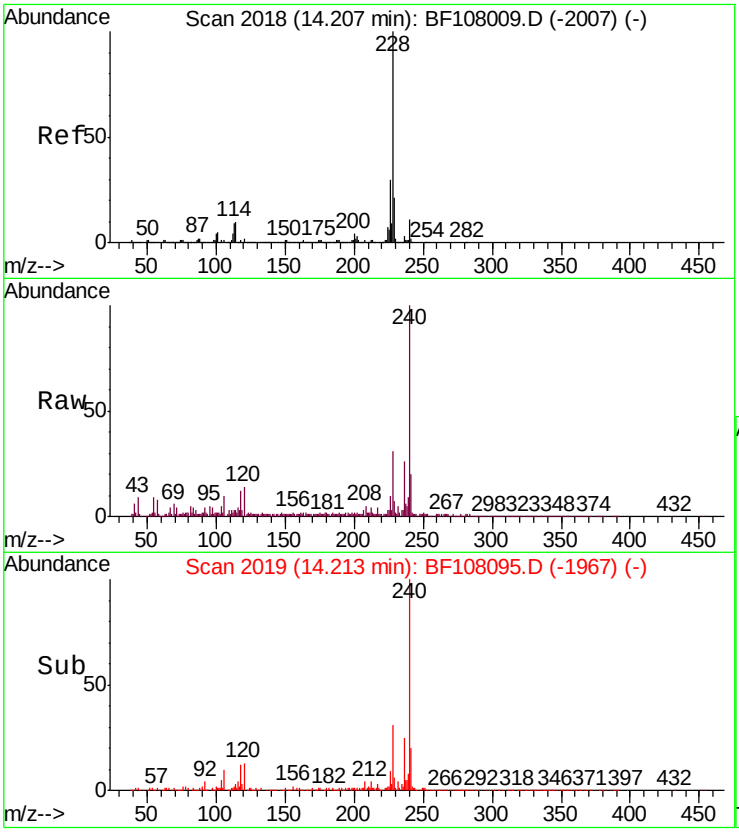


#78
Terphenyl-d14
Concen: 41.165 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:244 Resp: 1020901

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.5	11.0	16.4#

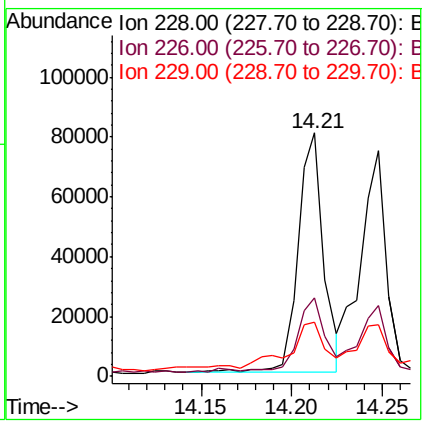




#80
Benzo(a)anthracene
Concen: 2.181 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:228 Resp: 78940

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.3	15.8	23.6



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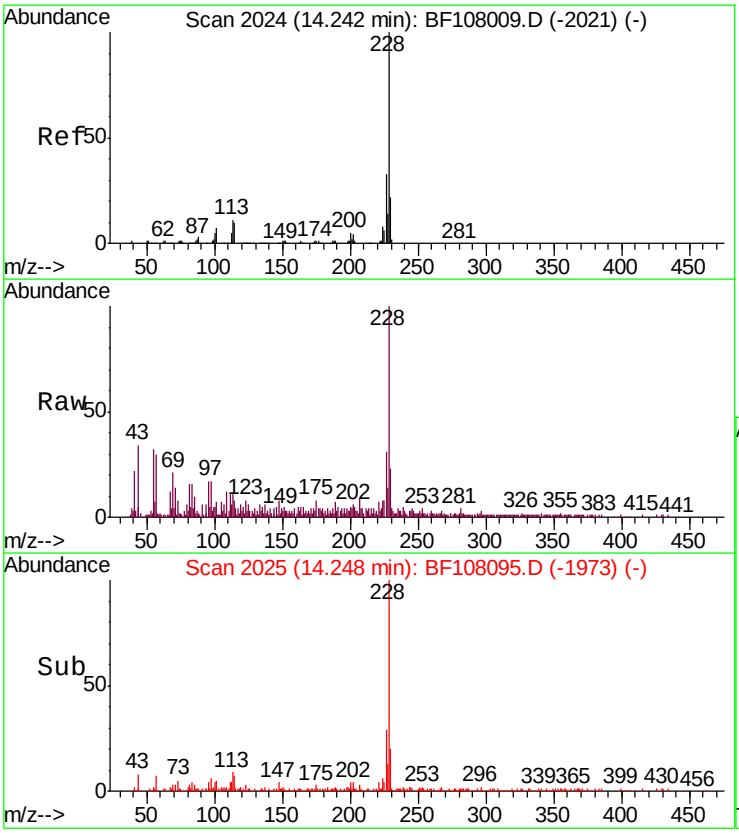
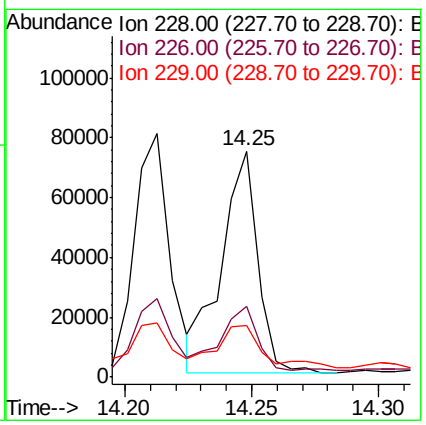
8/13/2018 3:52:18 PM

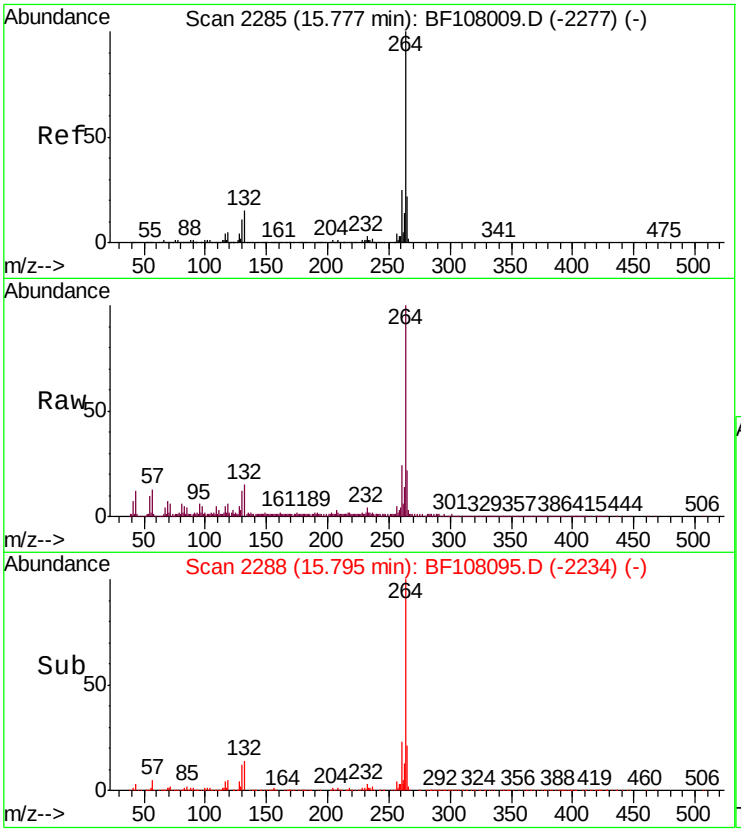


#82
Chrysene
Concen: 2.224 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:228 Resp: 73783

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.7	16.2	24.4





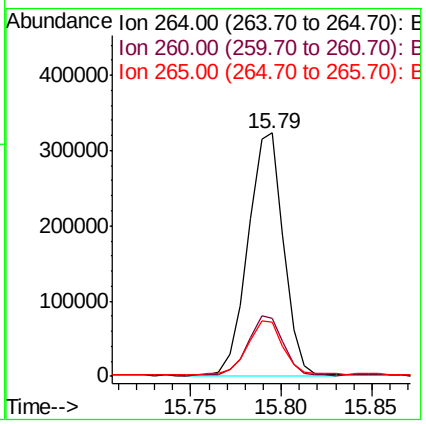
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

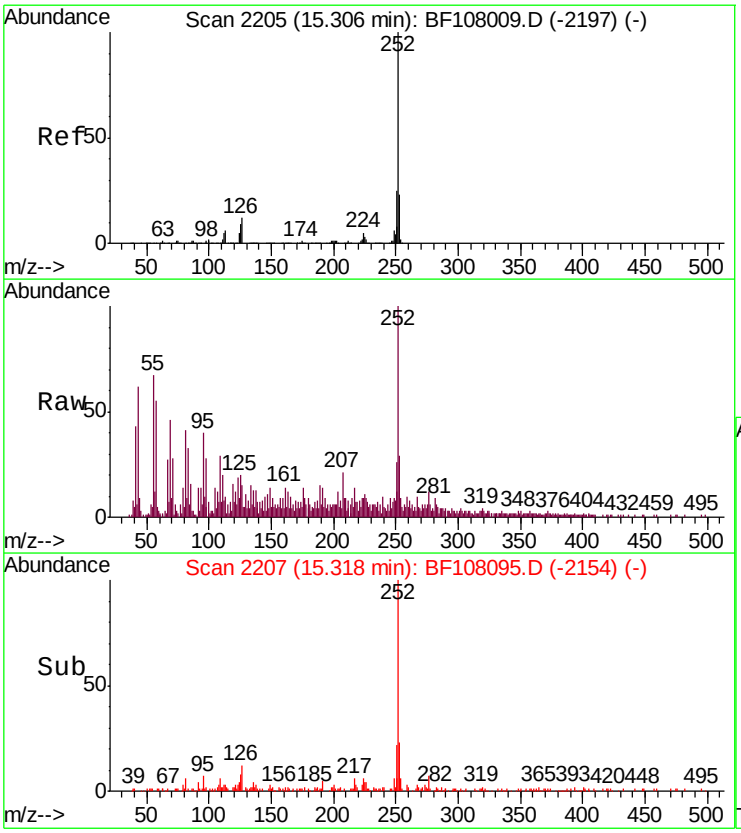
Tgt Ion:264 Resp: 436482

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

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

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:18 PM

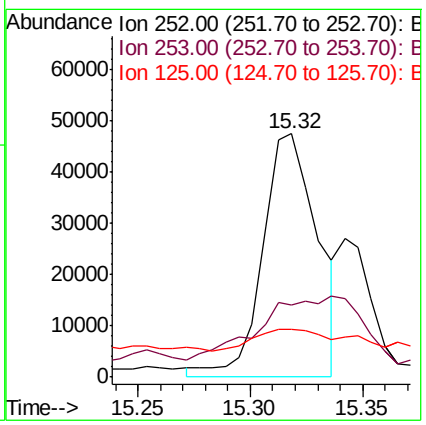


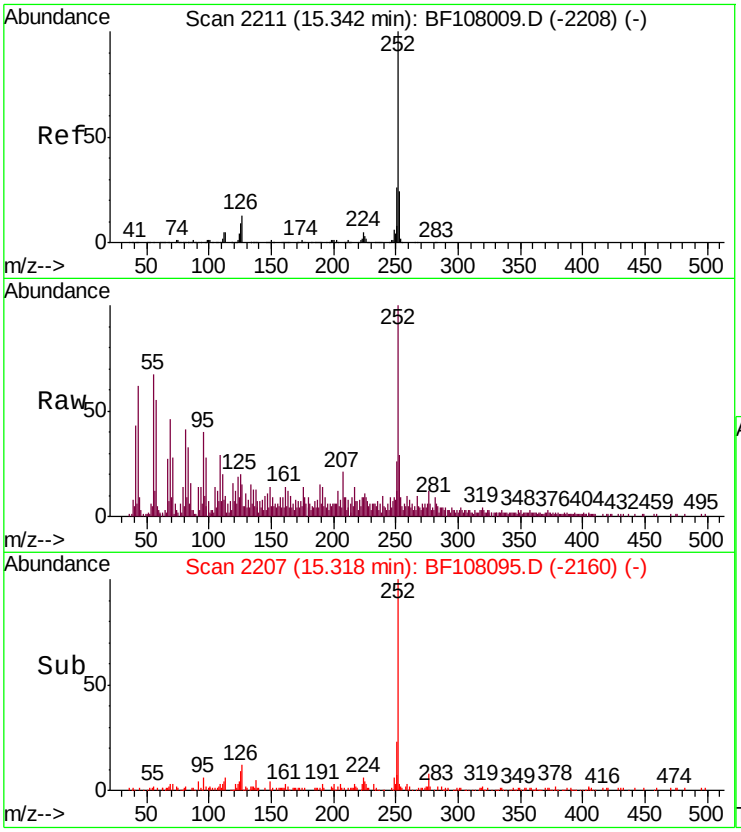


#87
Benzo(b)fluoranthene
Concen: 3.098 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:252 Resp: 80795

Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.0	25.6#
125	19.9	9.0	13.6#





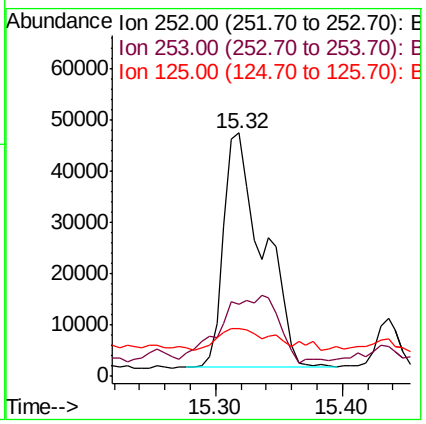
#88
Benzo(k)fluoranthene
Concen: 4.124 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

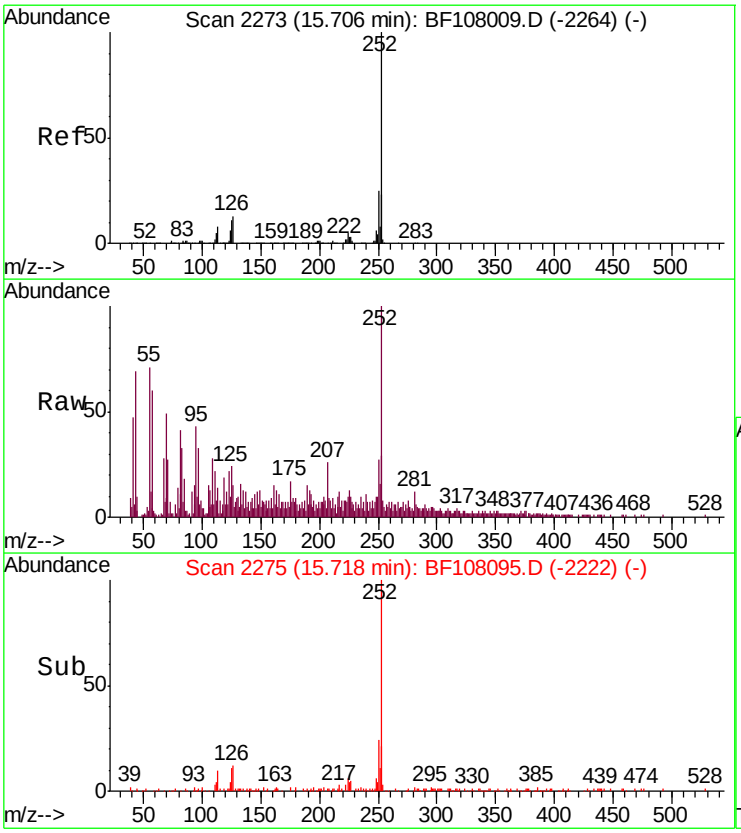
Tgt Ion:252 Resp: 98863

Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.9	26.9#
125	19.9	10.2	15.2#

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

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:18 PM





#89
Benzo(a)pyrene
Concen: 2.158 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108095.D
Acq: 10 Aug 2018 20:23

Tgt Ion:252 Resp: 50408

Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.1	25.7#
125	24.4	9.8	14.6#