Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108100.D
Acq On : 10 Aug 2018 22:41
Operator : JU/SJ
Sample : J4272-17 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 11 00:33:03 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	204742	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	720938	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	299785	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	515421	20.00	ng		0.00
75) Chrysene-d12	14.22	240	406190	20.00	ng		0.00
86) Perylene-d12	15.79	264	273779	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	282274	24.96	ng		0.00
7) Phenol-d6	6.62	99	375367	24.98	ng		0.00
23) Nitrobenzene-d5	7.58	82	215719	16.70	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	57925	19.37	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	378016	20.24	ng		0.00
78) Terphenyl-d14	13.15	244	339244	21.24	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	27663	2.722	ng	#	85
25) Isophorone	7.58	82	215715	8.760	ng	#	64
32) Benzoic acid	8.30	122	118	5.991	ng	#	1
50) 2,6-Dinitrotoluene	10.07	165	39840	9.119	ng	#	25
56) 2,4-Dinitrotoluene	10.07	165	39840	7.084	ng	#	23
70) Phenanthrene	11.59	178	284708	11.711	ng		98
71) Anthracene	11.64	178	105631	4.239	ng		98
72) Carbazole	11.79	167	45013	2.033	ng		97
74) Fluoranthene	12.79	202	883399	33.296	ng		96
77) Pyrene	13.02	202	757538	29.458	ng		100
80) Benzo(a)anthracene	14.21	228	407978	17.501	ng		98
82) Chrysene	14.25	228	309411	14.478	ng		97
85) Indeno(1,2,3-cd)pyrene	17.42	276	116355	6.284	ng	#	88
87) Benzo(b)fluoranthene	15.32	252	415064	25.372	ng		95
88) Benzo(k)fluoranthene	15.32	252	415064	27.600	ng		96
89) Benzo(a)pyrene	15.72	252	205726	14.043	ng		96
90) Dibenzo(a,h)anthracene	17.43	278	30509	2.517	ng	#	76
91) Benzo(g,h,i)perylene	17.92	276	104902	8.789	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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

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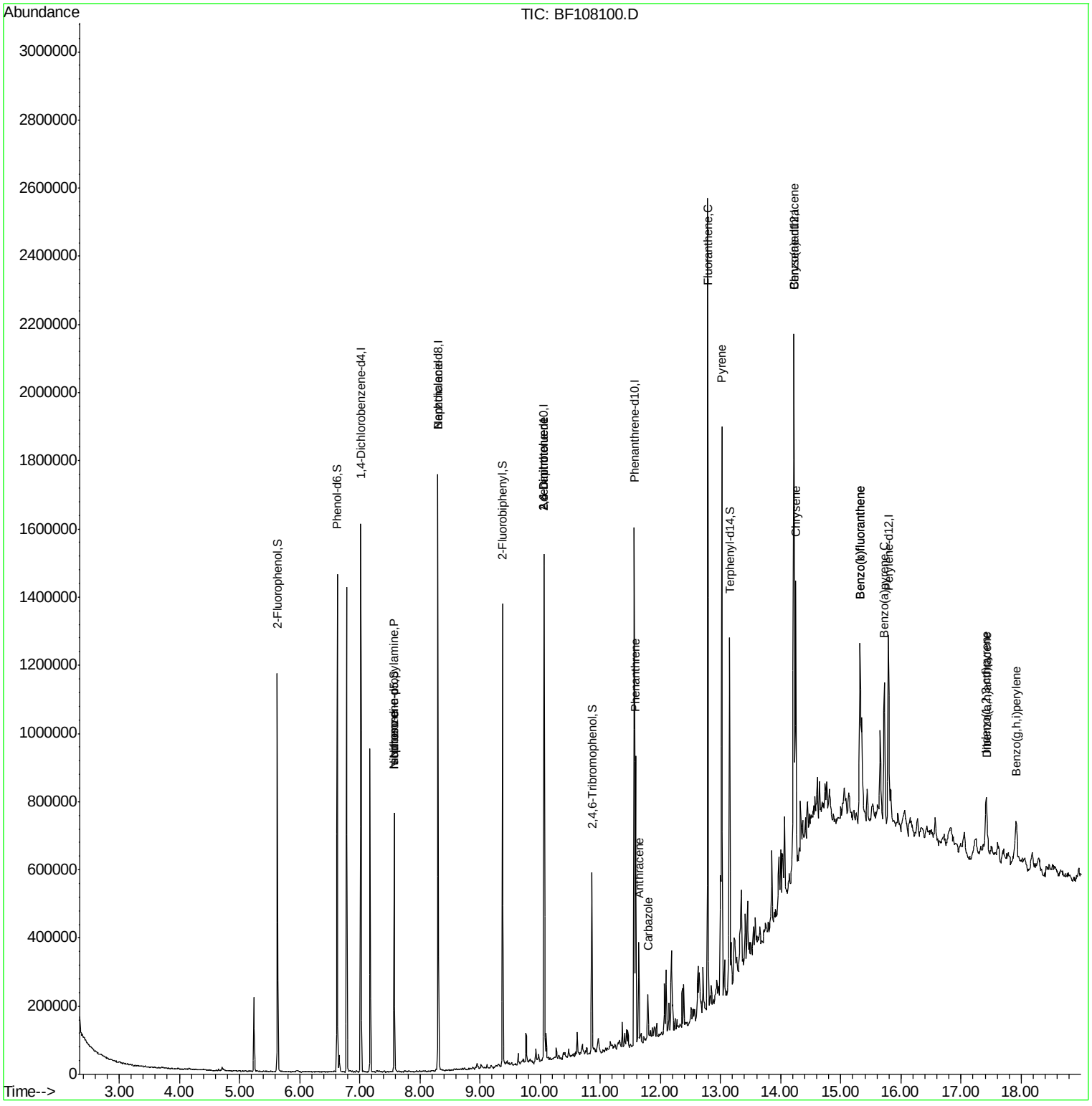
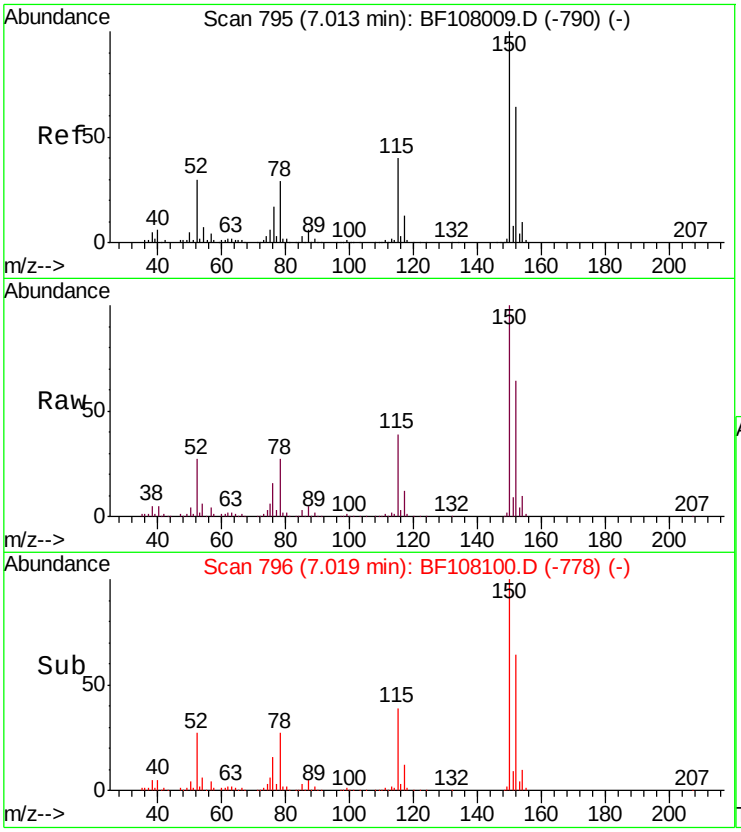


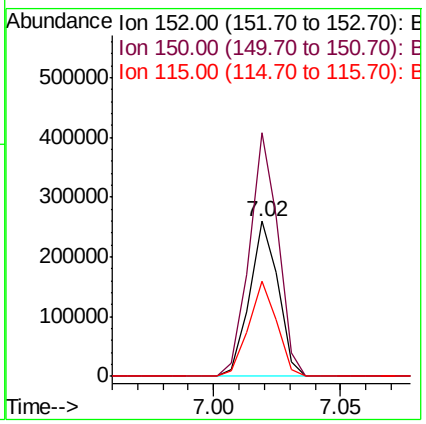


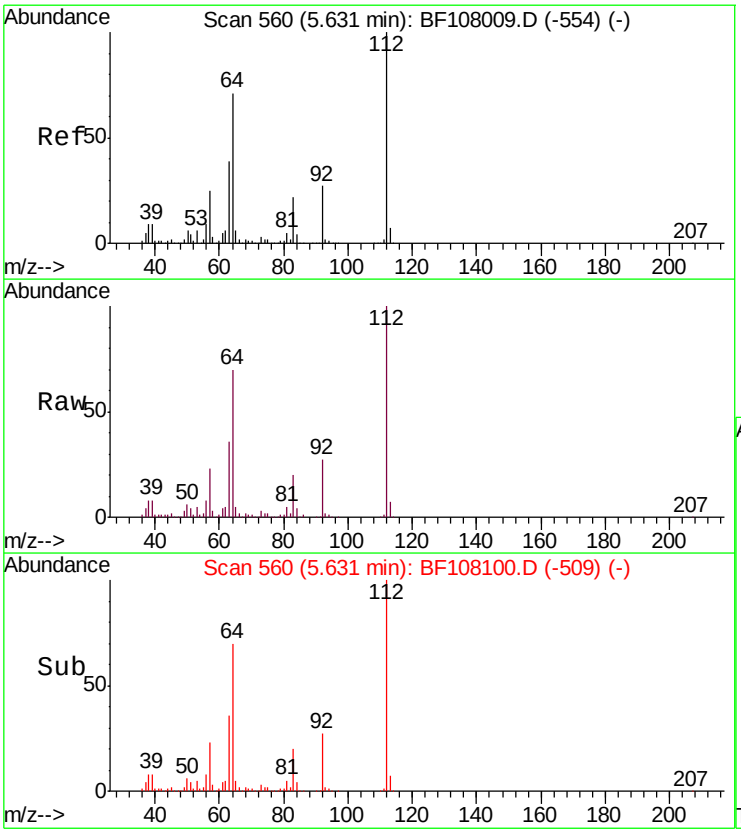
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:152 Resp: 204742

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	61.2	50.1	75.1

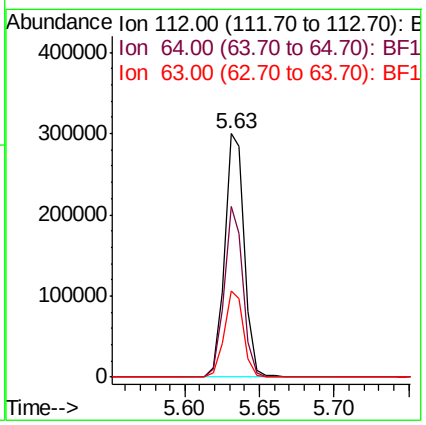


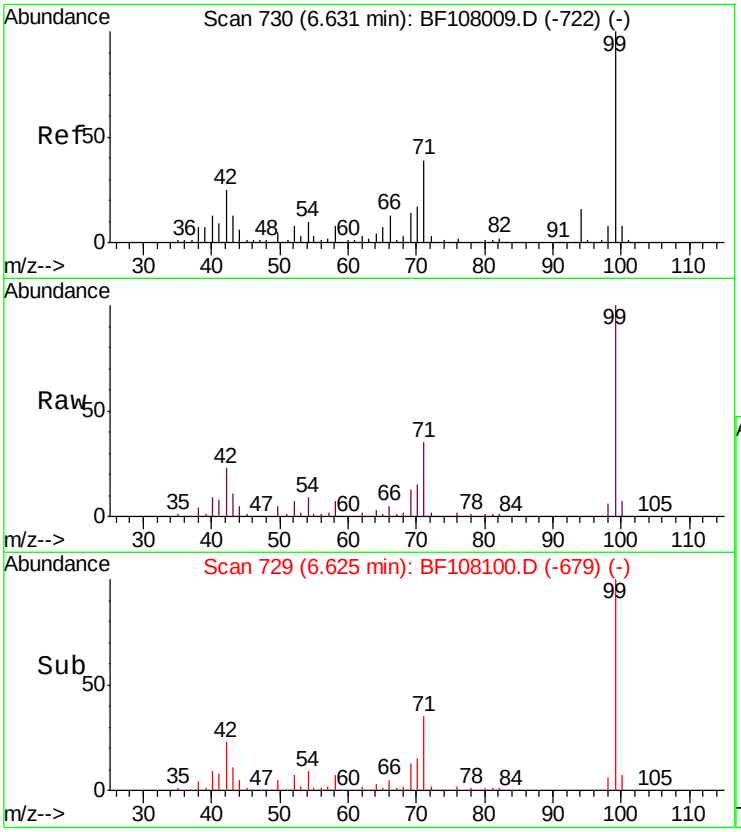


#5
2-Fluorophenol
Concen: 24.960 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:112 Resp: 282274

Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	35.6	23.7	35.5#



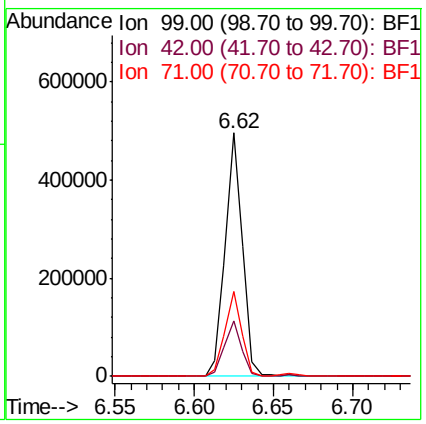


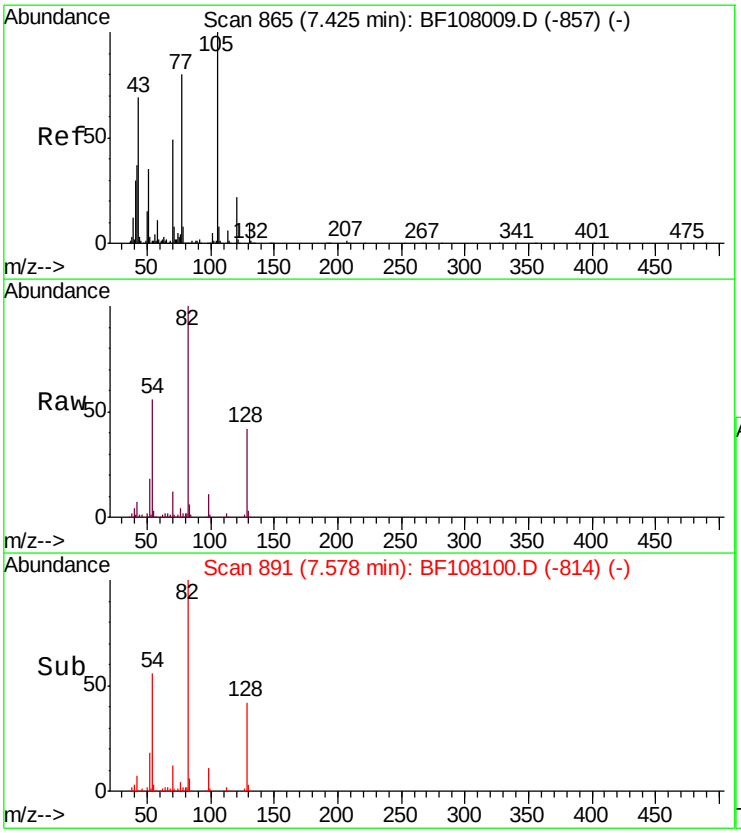
#7
Phenol-d6
Concen: 24.978 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion: 99 Resp: 375367

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	34.7	25.4	38.0

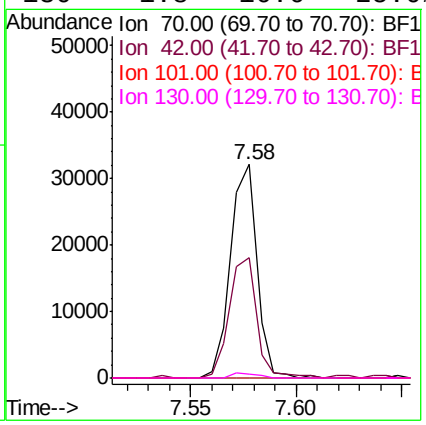


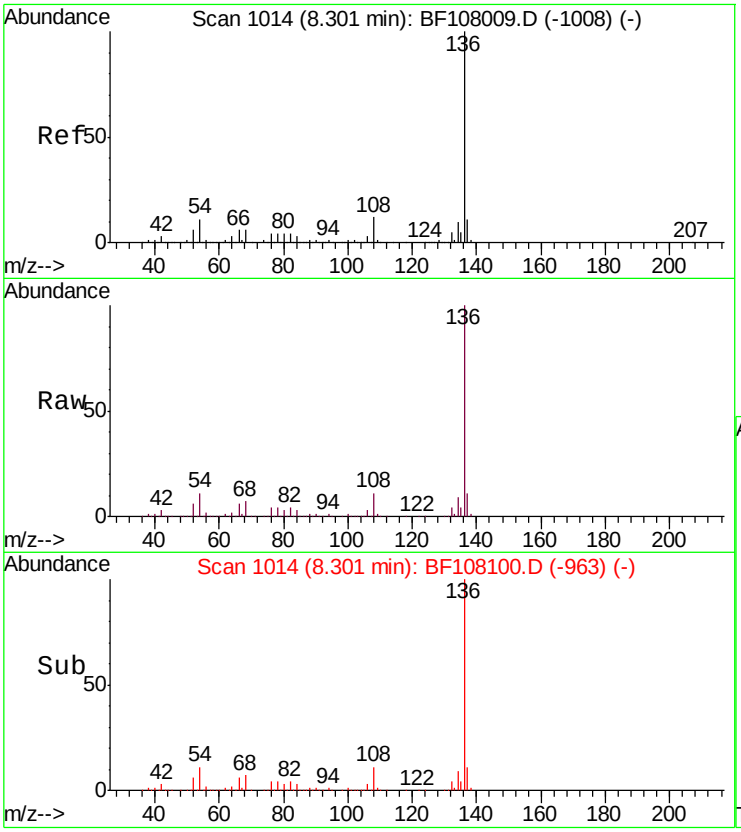


#19
n-Nitroso-di-n-propylamine
Concen: 2.722 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion: 70 Resp: 27663

Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



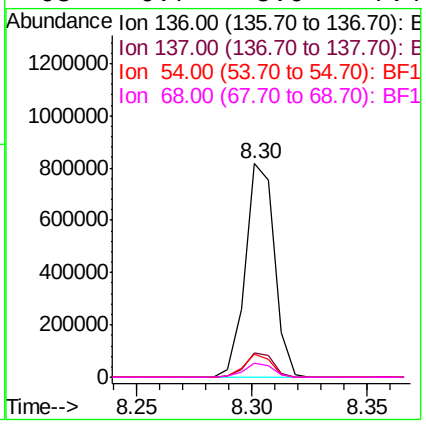


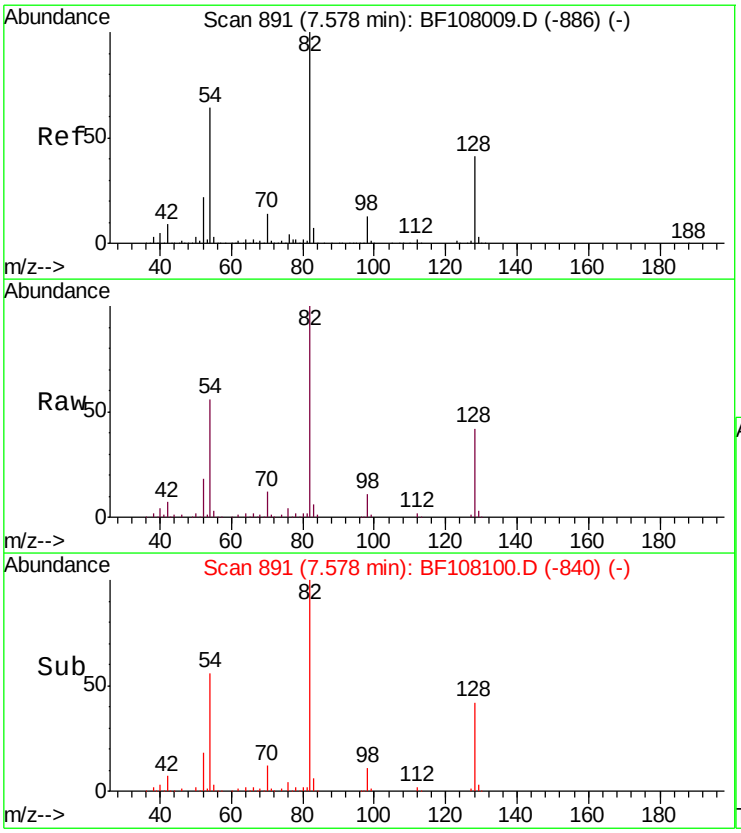
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:136 Resp: 720938

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	11.0	6.6	9.8#
68	6.7	5.0	7.4

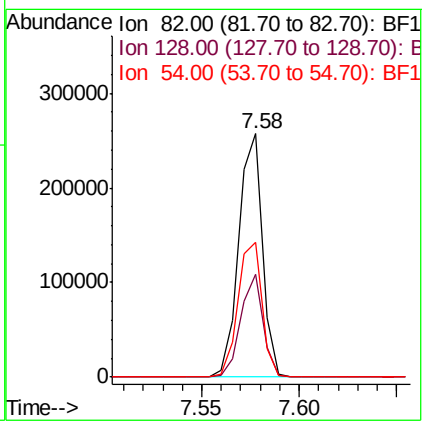


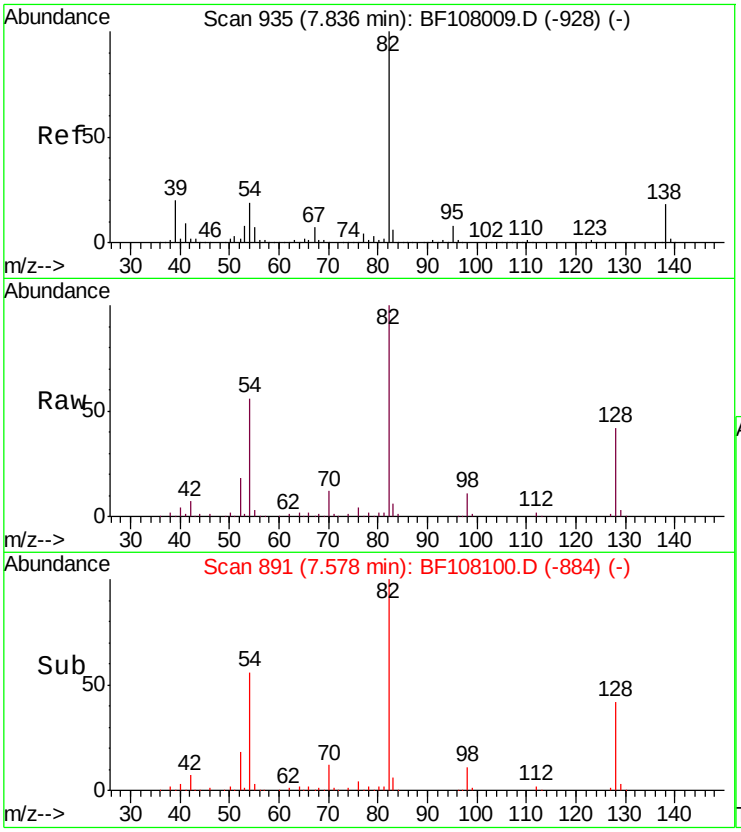


#23
Nitrobenzene-d5
Concen: 16.697 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion: 82 Resp: 215719

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	55.6	41.4	62.2



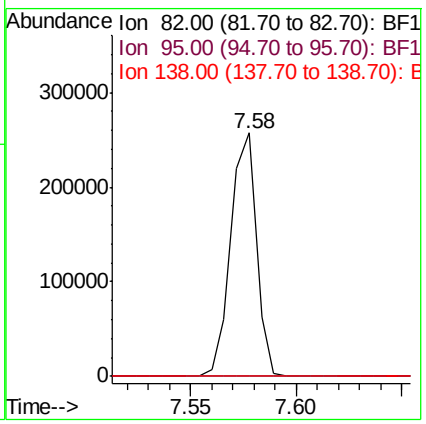


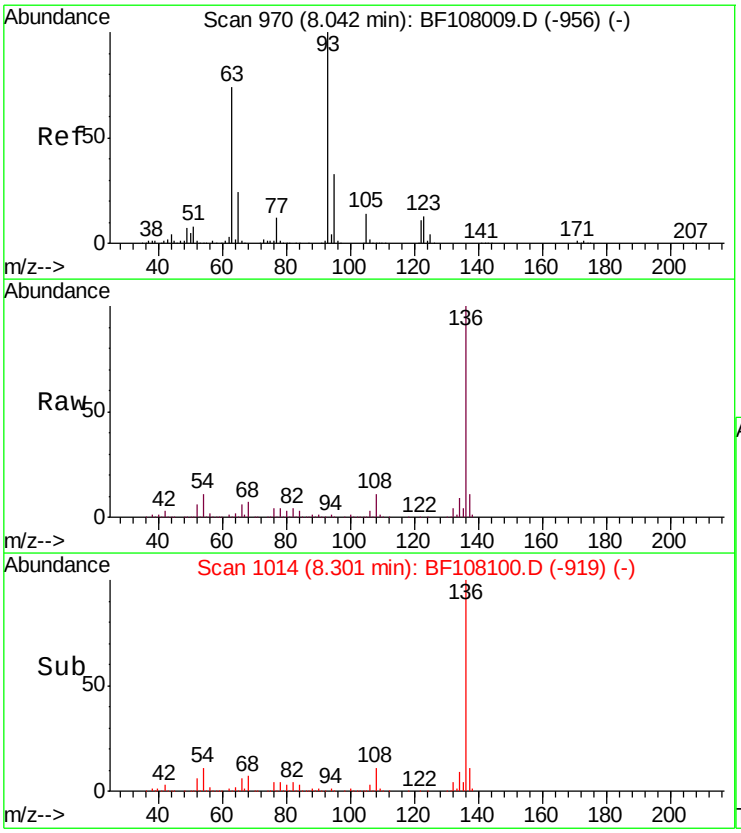
#25
Isophorone
Concen: 8.760 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion: 82 Resp: 215715

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

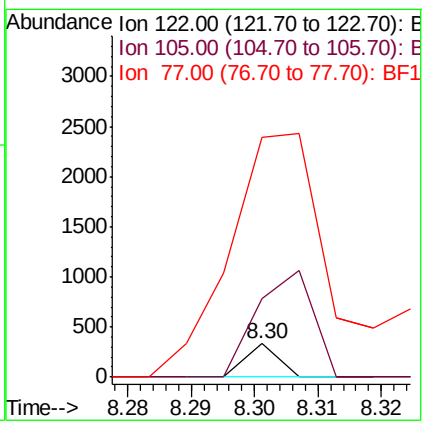


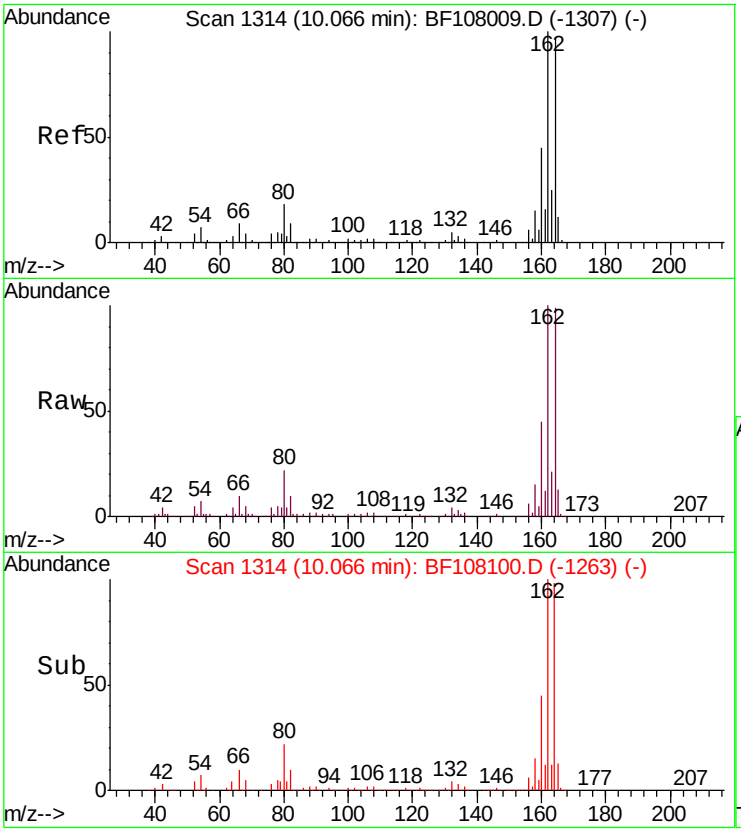


#32
Benzoic acid
Concen: 5.991 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.26 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	233.3	101.1	141.1#
77	719.8	70.7	110.7#



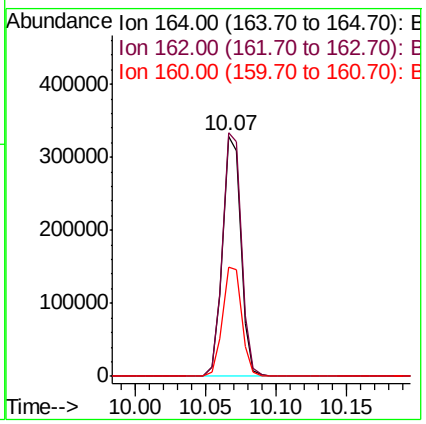


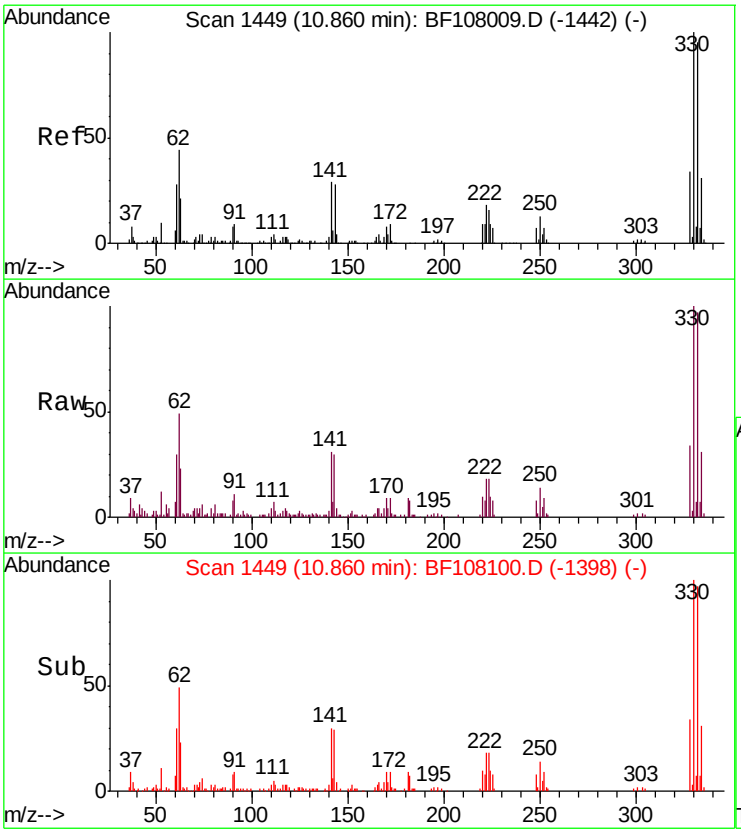
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:164 Resp: 299785

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.5	38.3	57.5

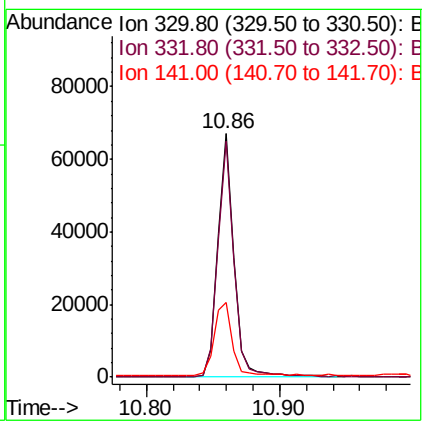


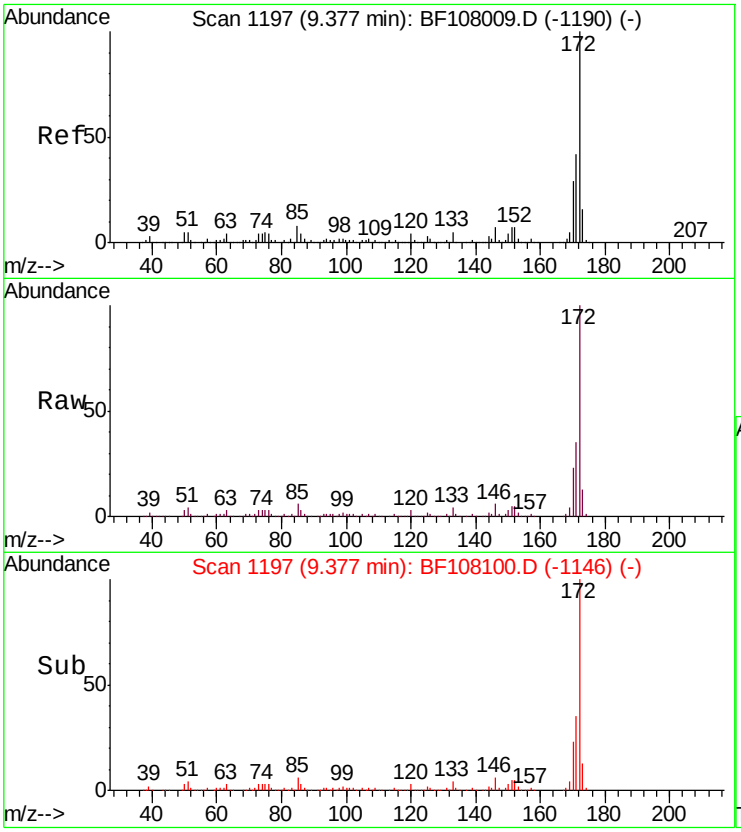


#41
2,4,6-Tribromophenol
Concen: 19.371 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:330 Resp: 57925

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.5	29.9	44.9



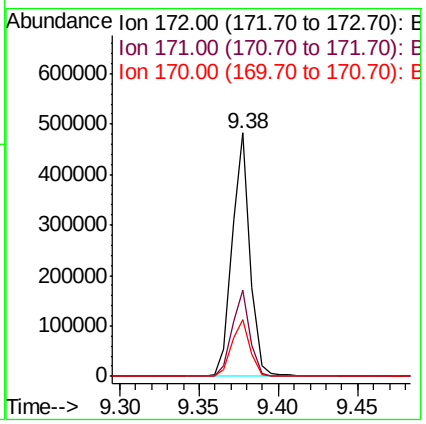


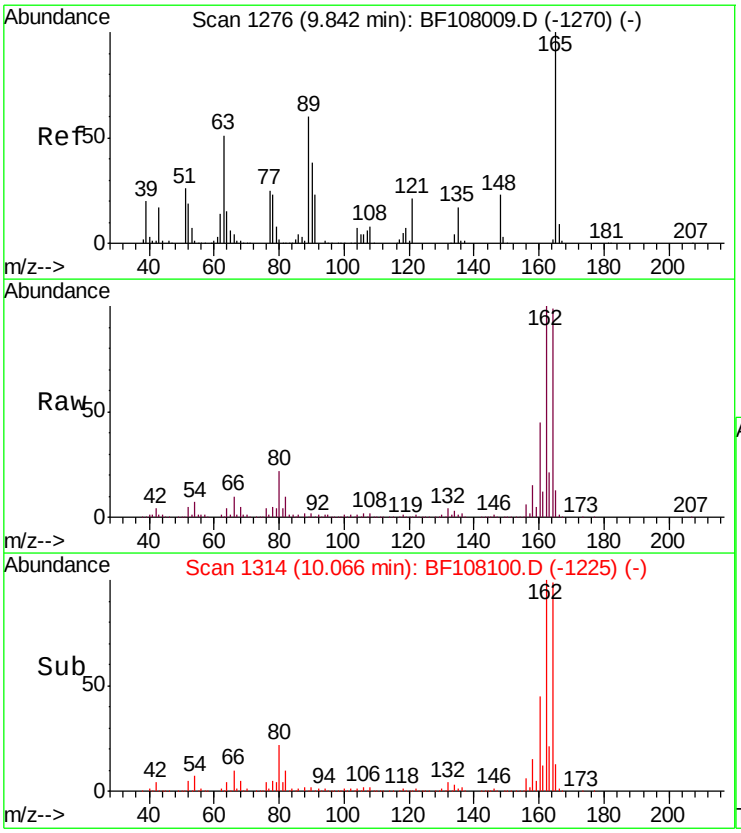
#44
2-Fluorobiphenyl
Concen: 20.244 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:172 Resp: 378016

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

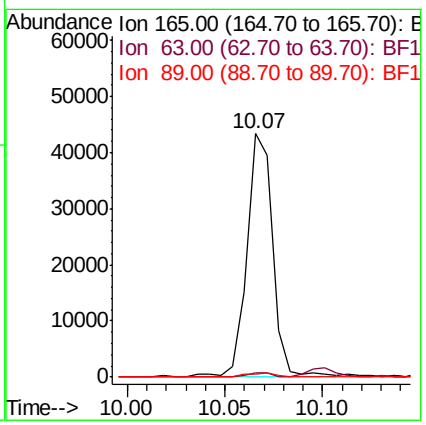


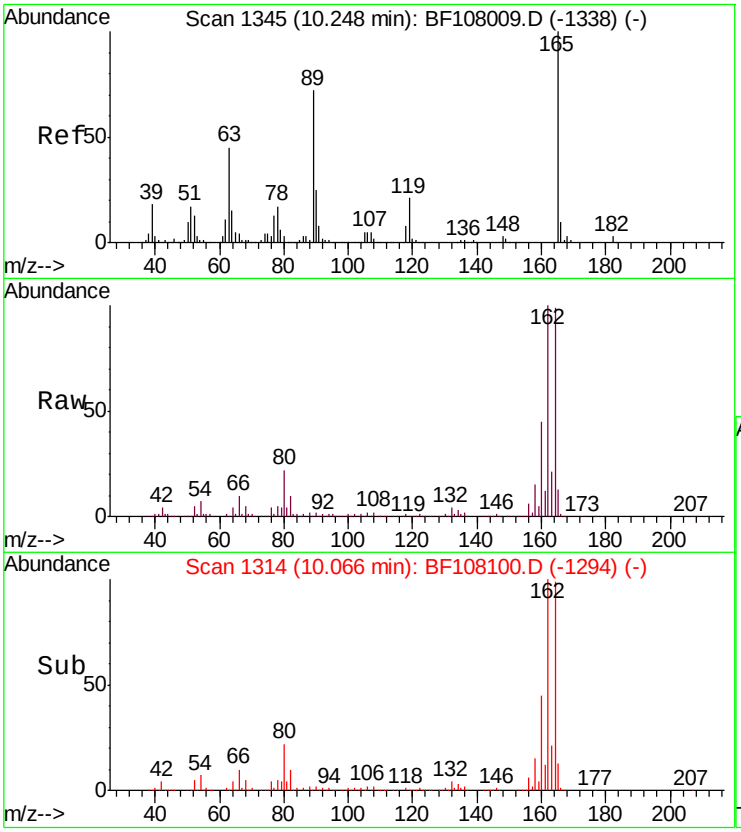


#50
2,6-Dinitrotoluene
Concen: 9.119 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.22 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:165 Resp: 39840

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.2	44.0	66.0#



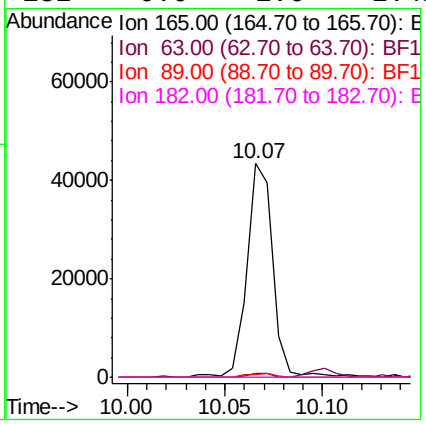


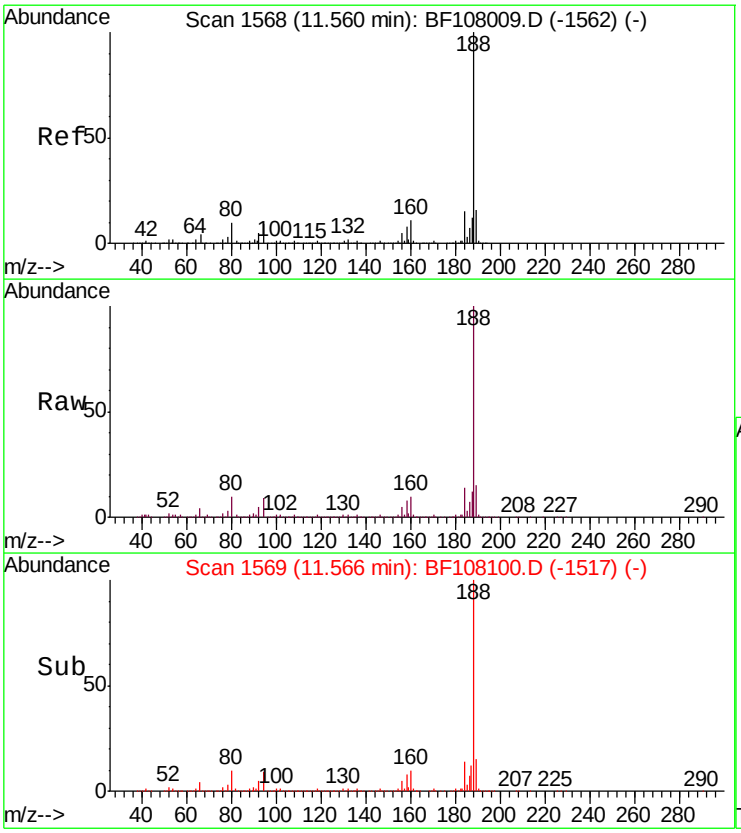
#56
2,4-Dinitrotoluene
Concen: 7.084 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:165 Resp: 39840

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

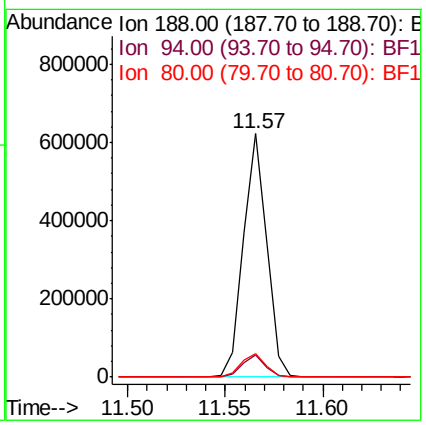


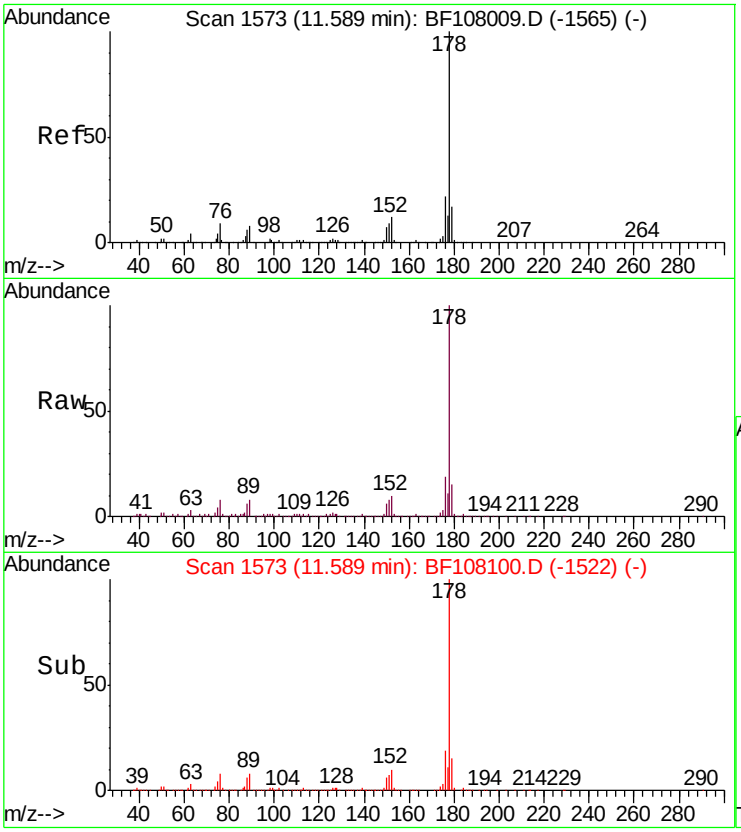


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:188 Resp: 515421

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8



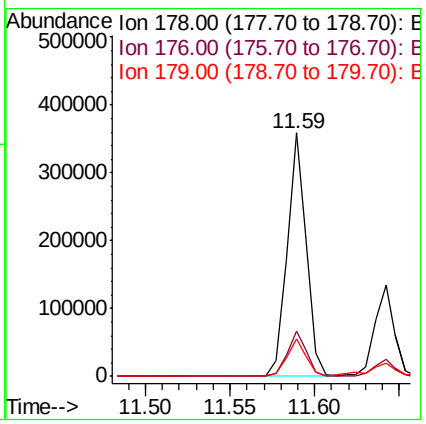


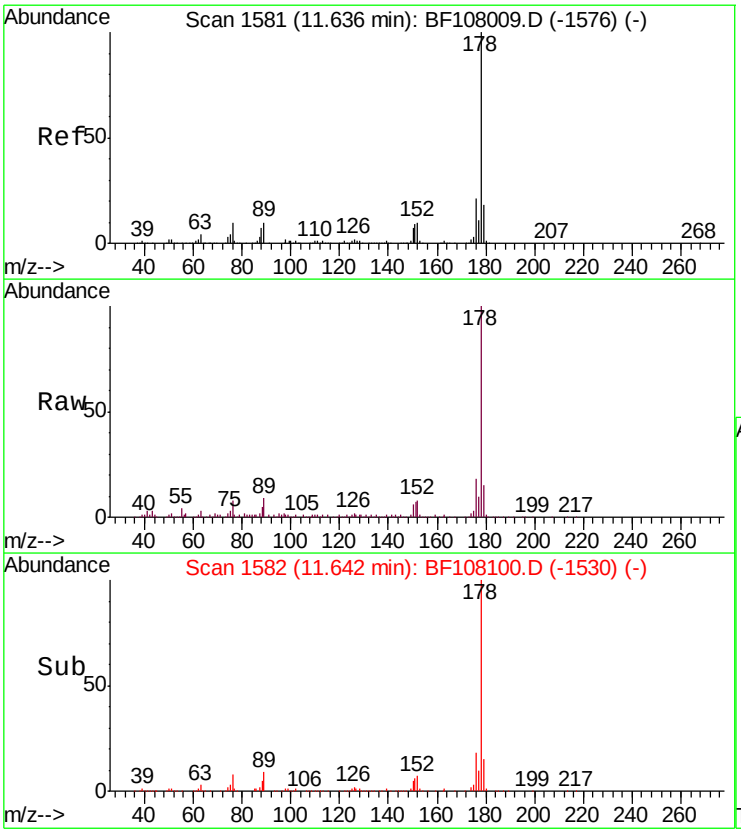
#70
Phenanthrene
Concen: 11.711 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:178 Resp: 284708

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	13.0	19.6

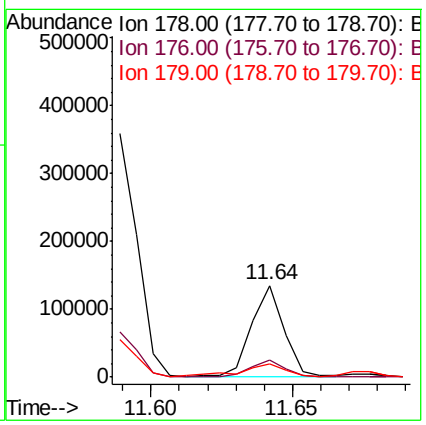


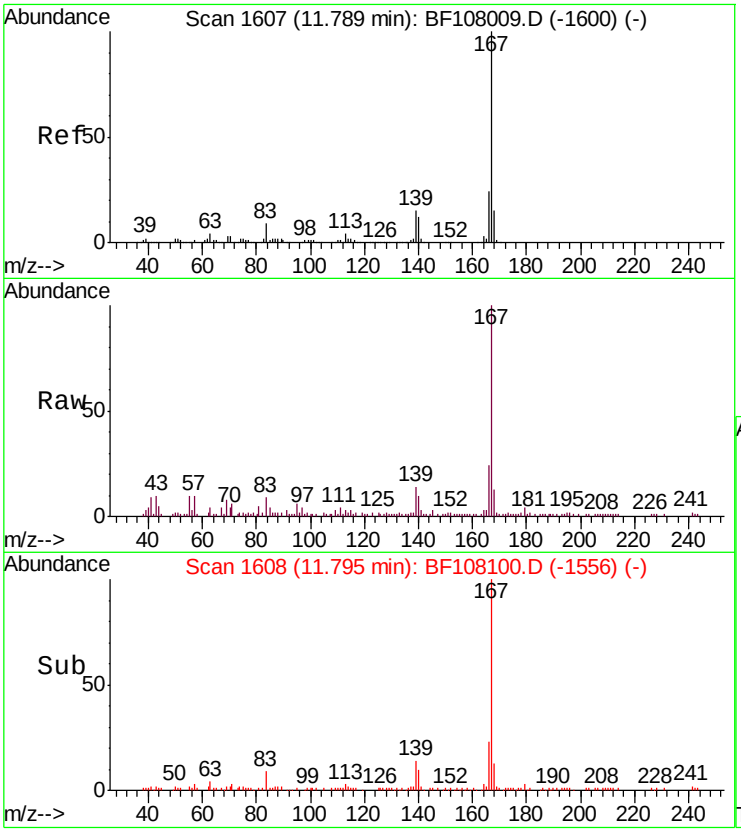


#71
Anthracene
Concen: 4.239 ng
RT: 11.64 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:178 Resp: 105631

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	19.0



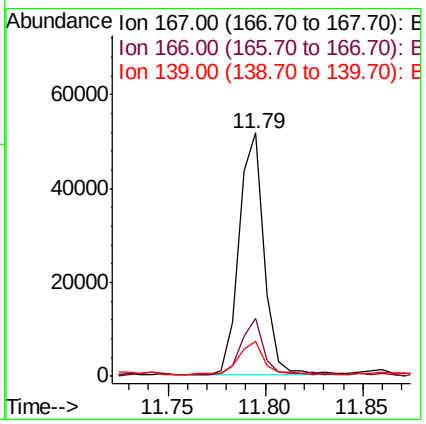


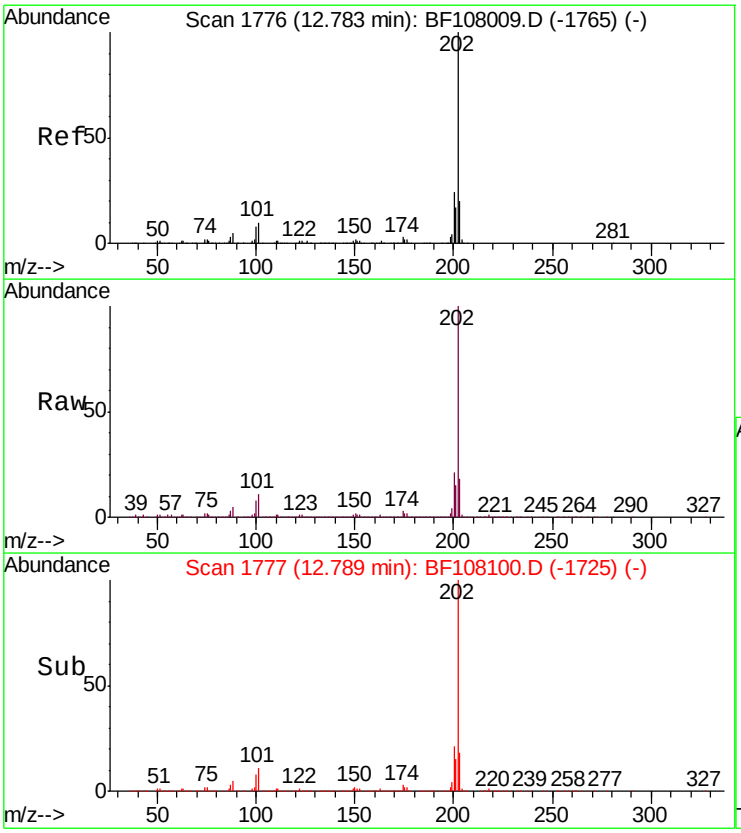
#72
Carbazole
Concen: 2.033 ng
RT: 11.79 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:167 Resp: 45013

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.6	26.4
139	14.2	10.9	16.3

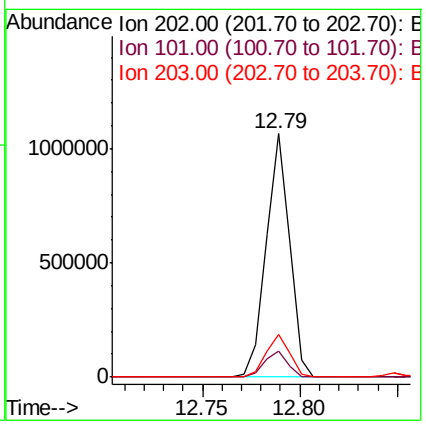


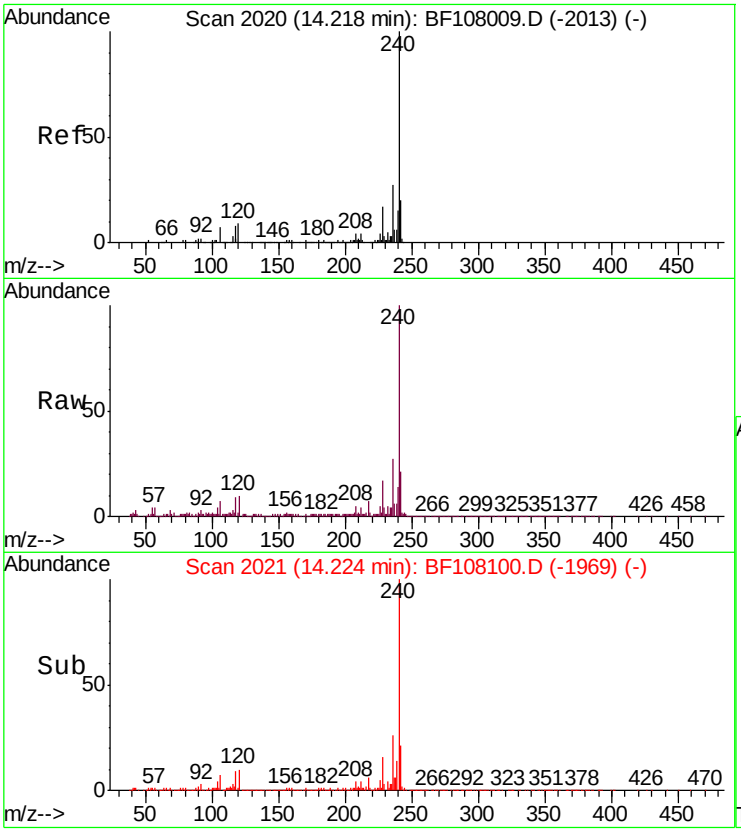


#74
Fluoranthene
Concen: 33.296 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:202 Resp: 883399

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.7	0.0	38.1



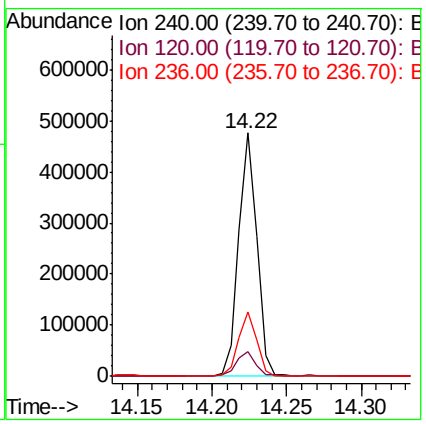


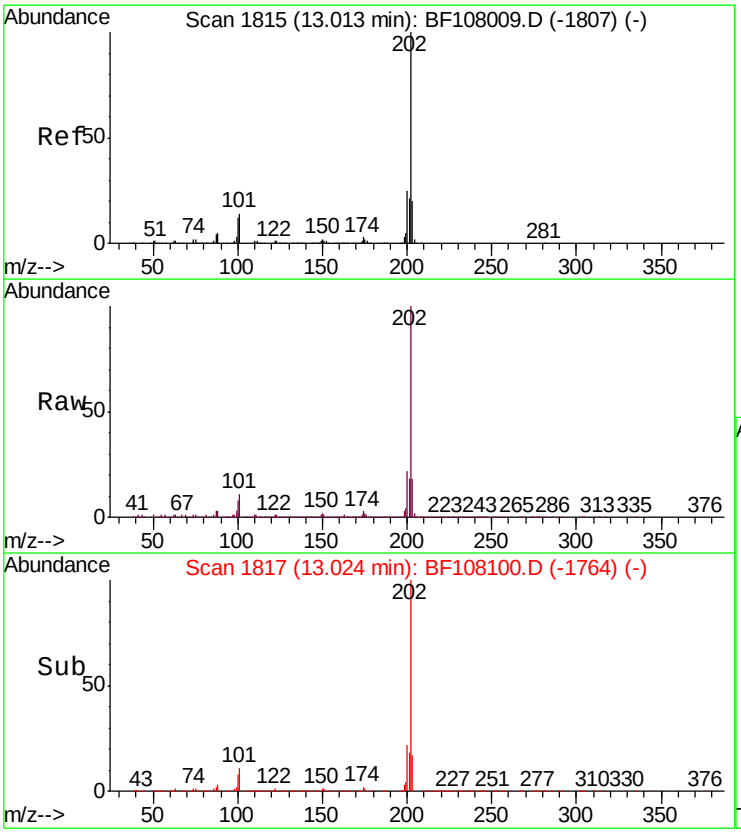
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:240 Resp: 406190

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.6	20.7	31.1

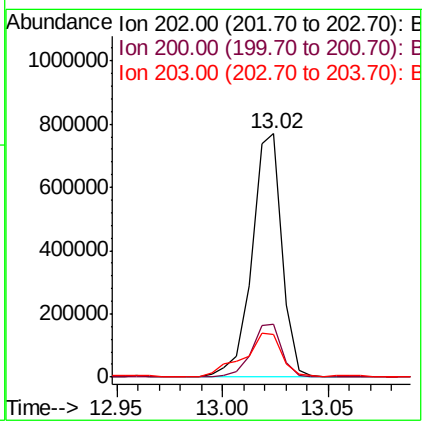


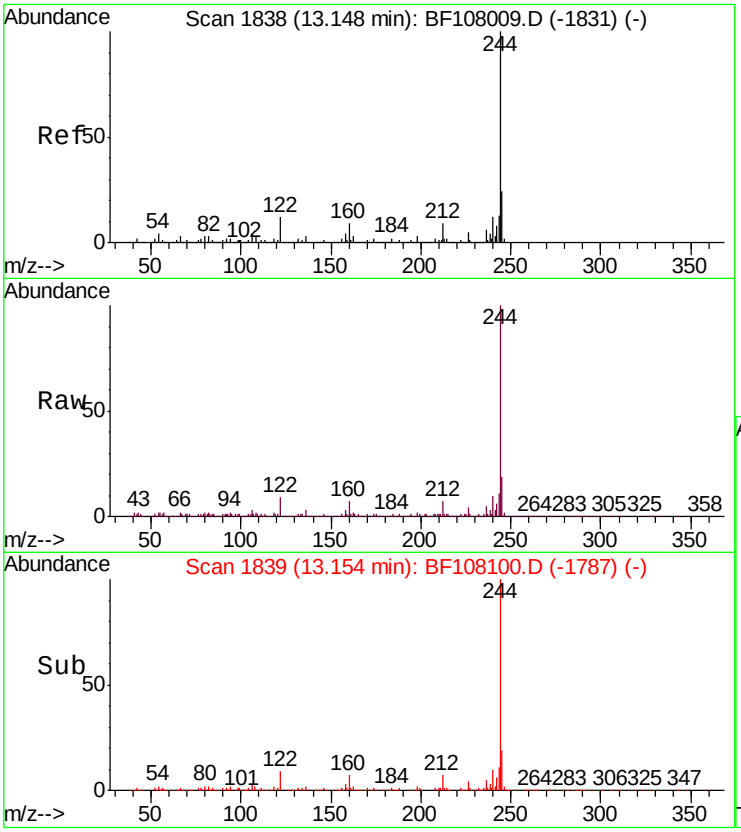


#77
Pyrene
Concen: 29.458 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:202 Resp: 757538

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5



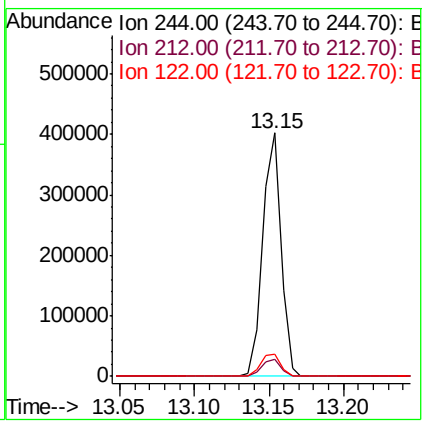


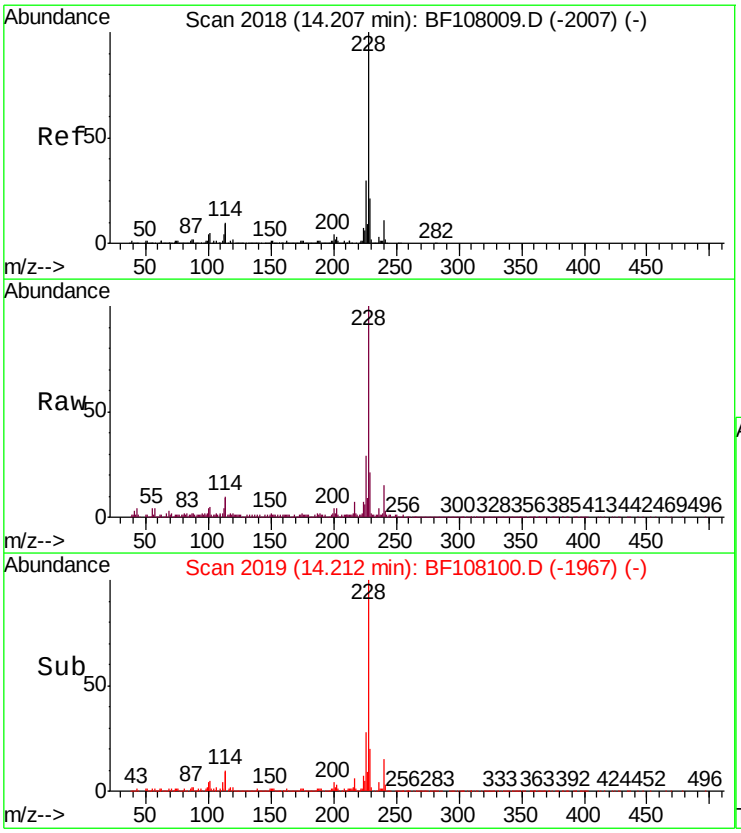
#78
Terphenyl-d14
Concen: 21.235 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:244 Resp: 339244

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.1	11.0	16.4#

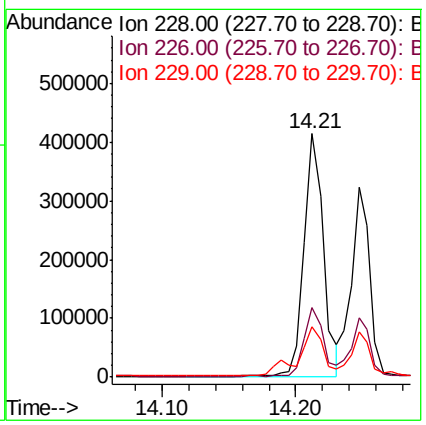


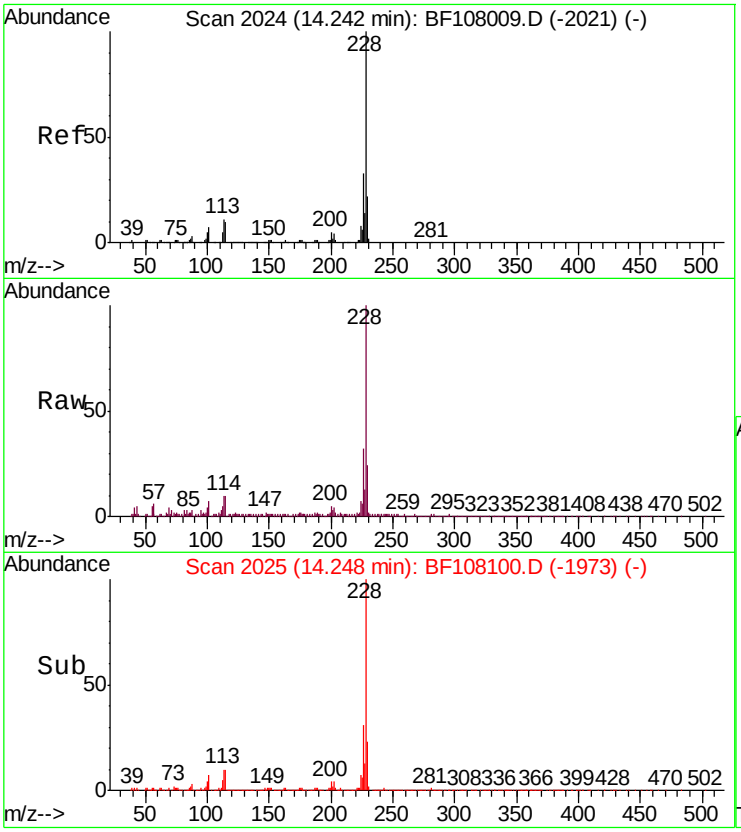


#80
Benzo(a)anthracene
Concen: 17.501 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:228 Resp: 407978

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.8	15.8	23.6



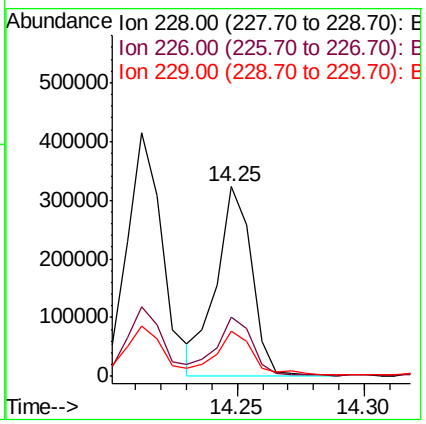


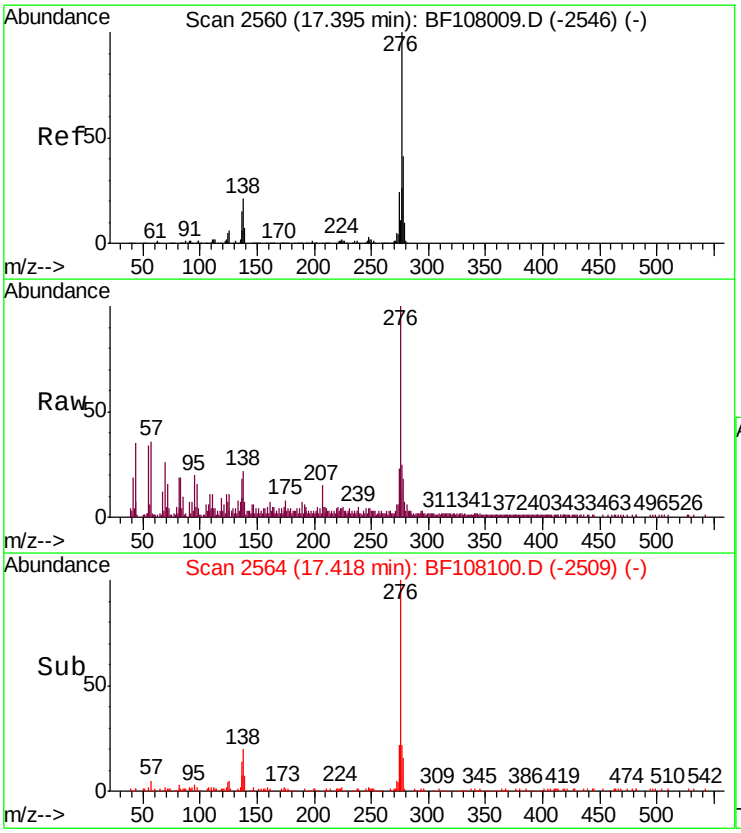
#82
Chrysene
Concen: 14.478 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:228 Resp: 309411

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	23.8	16.2	24.4

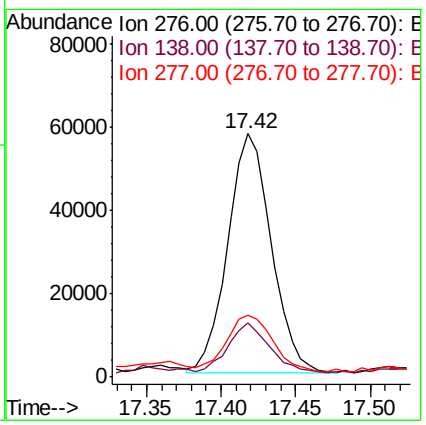


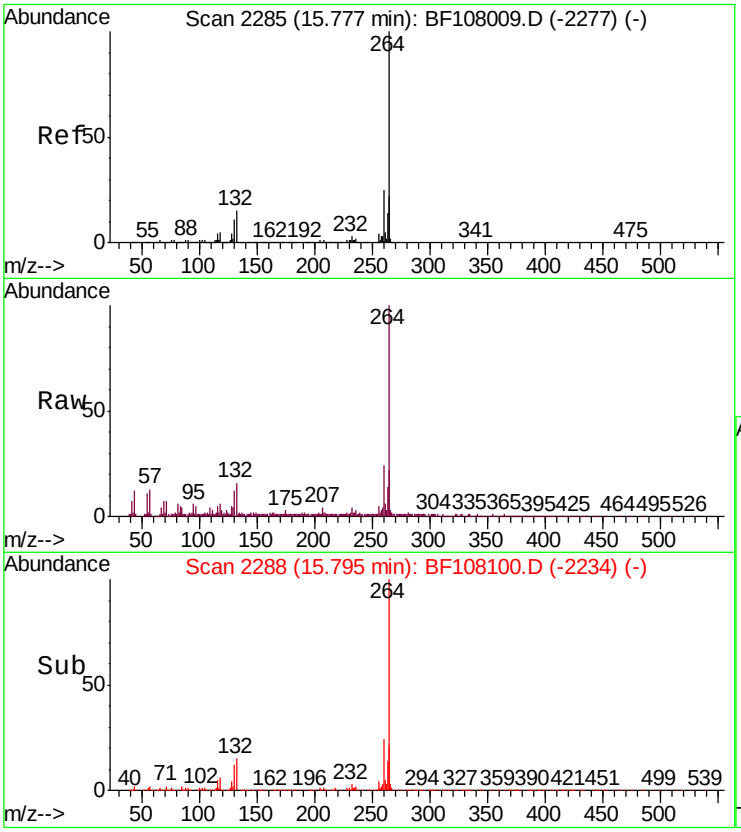


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.284 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:276 Resp: 116355

Ion	Ratio	Lower	Upper
276	100		
138	19.6	25.0	37.6#
277	25.2	20.1	30.1



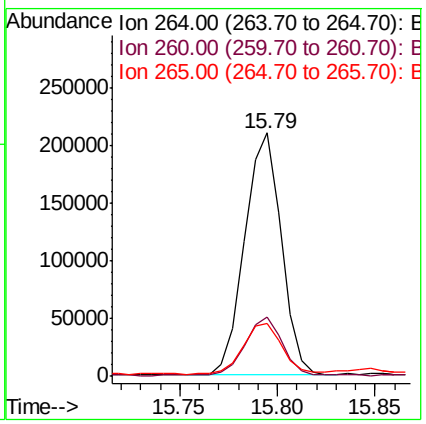


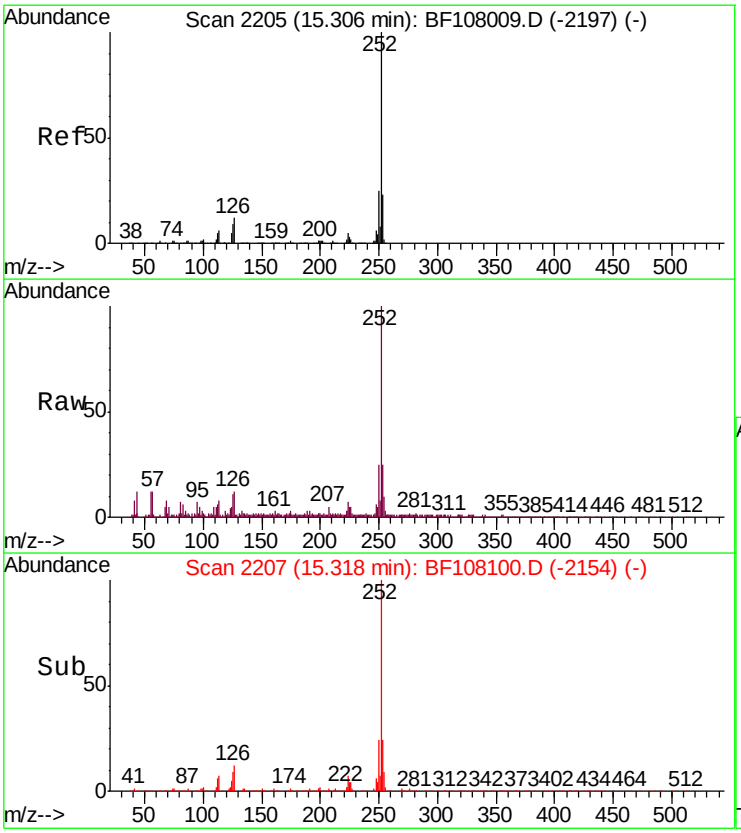
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:264 Resp: 273779

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3

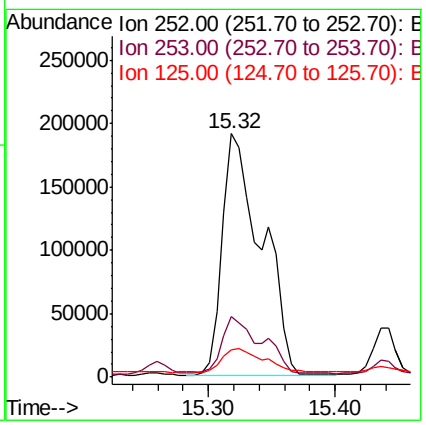


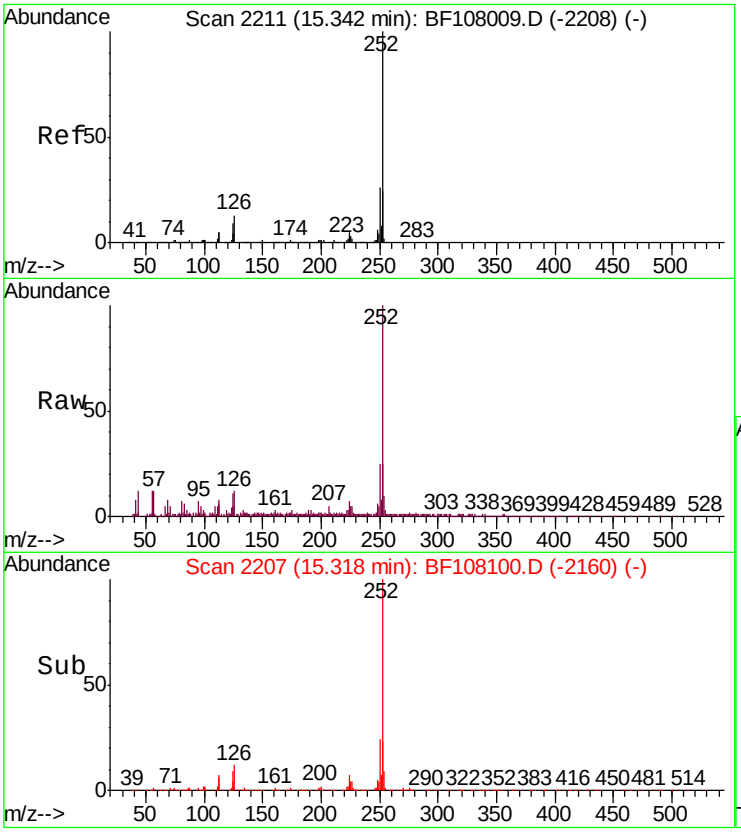


#87
Benzo(b)fluoranthene
Concen: 25.372 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:252 Resp: 415064

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	11.3	9.0	13.6



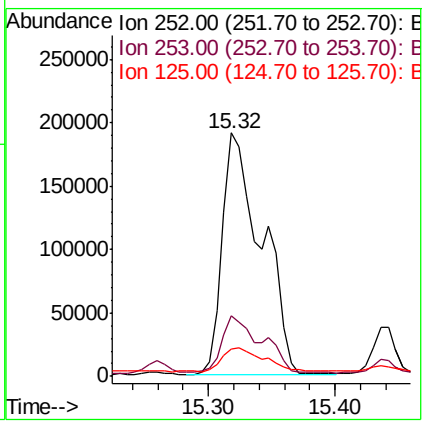


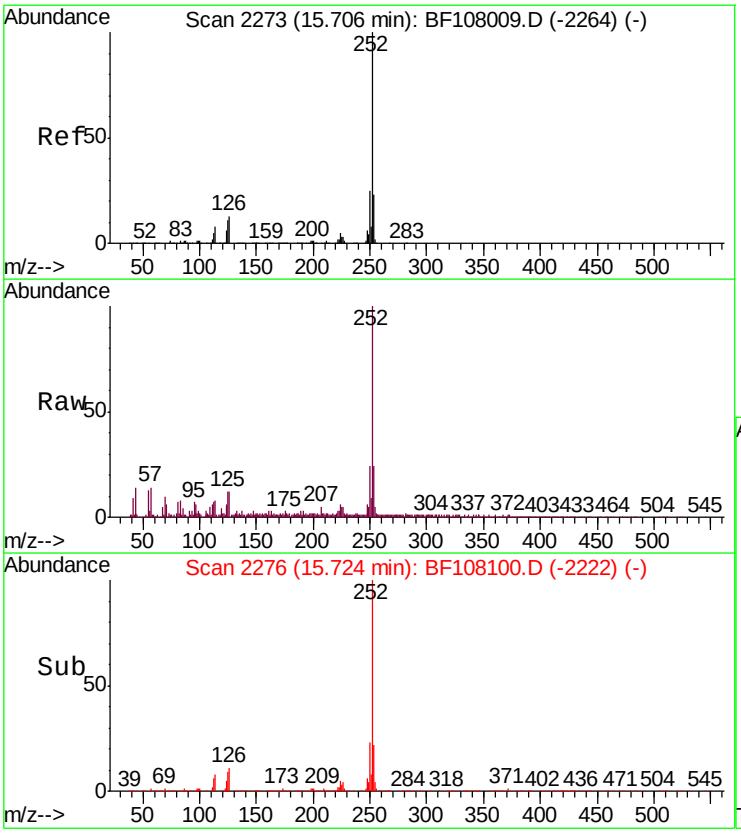
#88
Benzo(k)fluoranthene
Concen: 27.600 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:252 Resp: 415064

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	11.3	10.2	15.2

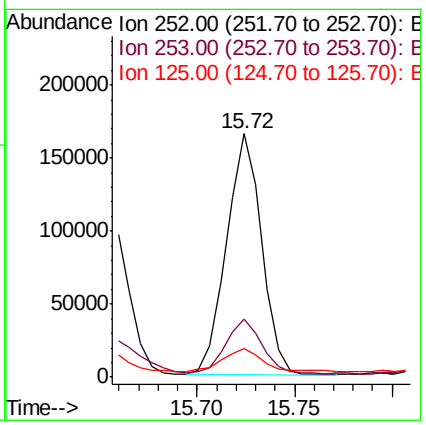


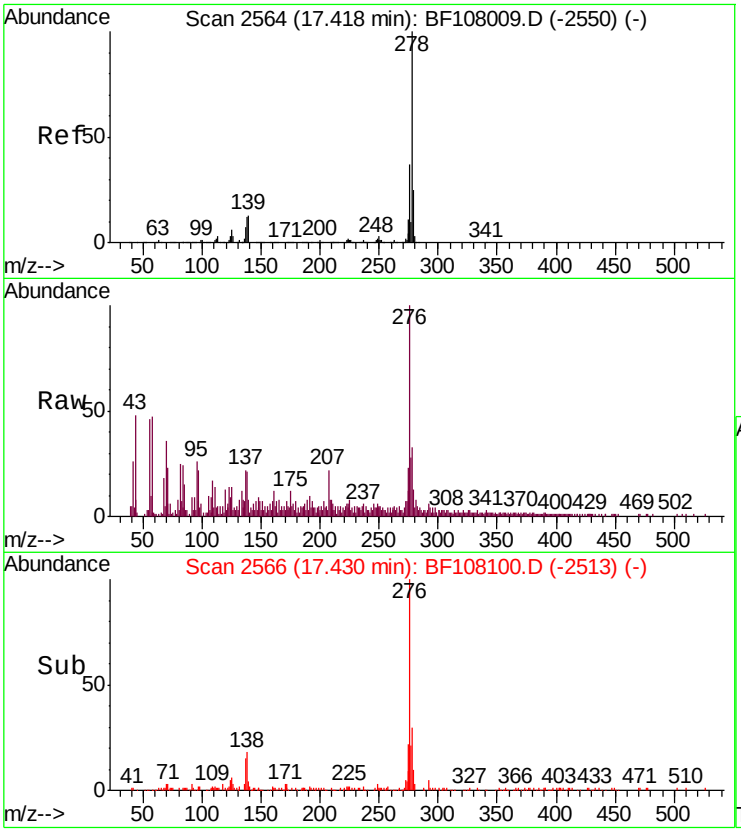


#89
Benzo(a)pyrene
Concen: 14.043 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:252 Resp: 205726

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.7	9.8	14.6



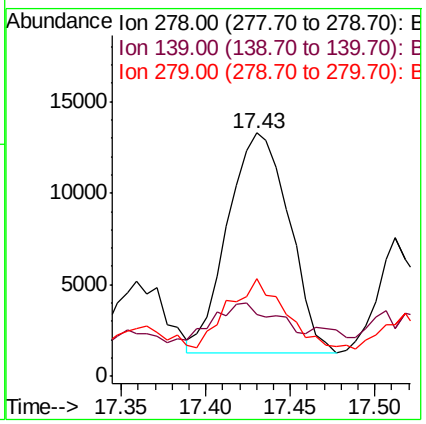


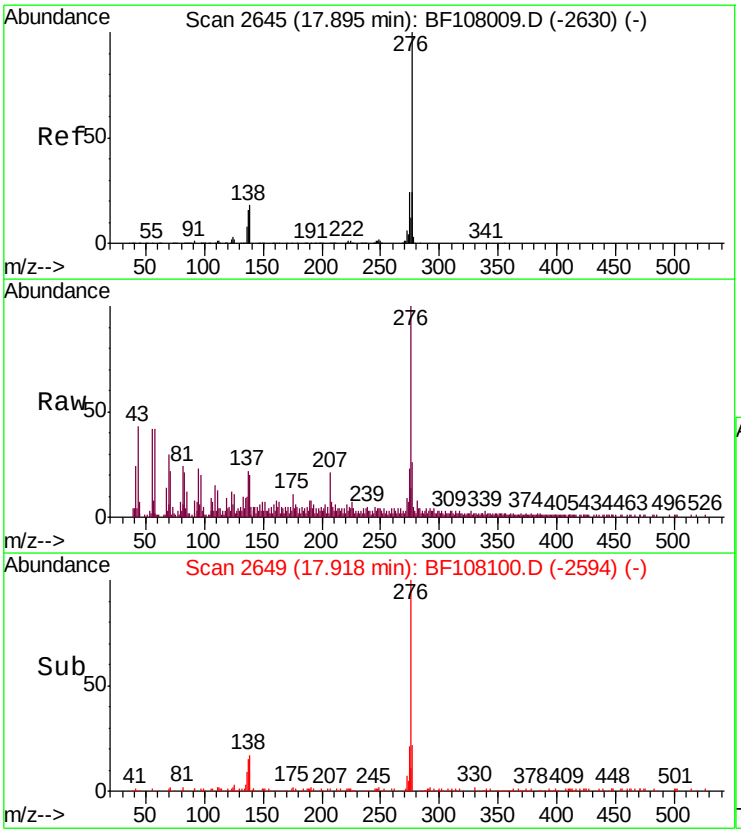
#90
Dibenzo(a,h)anthracene
Concen: 2.517 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

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

Tgt Ion:278 Resp: 30509

Ion	Ratio	Lower	Upper
278	100		
139	25.4	15.9	23.9#
279	40.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.789 ng
RT: 17.92 min Scan# 2649
Delta R.T. 0.02 min
Lab File: BF108100.D
Acq: 10 Aug 2018 22:41

Tgt Ion:276 Resp: 104902

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	19.8	21.8	32.8#