Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108094.D
Acq On : 10 Aug 2018 19:55
Operator : JU/SJ
Sample : J4272-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 10 23:13:16 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	268116	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	944124	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	413287	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	697696	20.00	ng		0.00
75) Chrysene-d12	14.22	240	614361	20.00	ng		0.00
86) Perylene-d12	15.79	264	412167	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	741019	50.04	ng		0.00
7) Phenol-d6	6.63	99	996921	50.66	ng		0.00
23) Nitrobenzene-d5	7.58	82	616583	36.44	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	196113	47.57	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1031552	40.07	ng		0.00
78) Terphenyl-d14	13.15	244	947305	39.20	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	81802	6.147	ng	#	85
25) Isophorone	7.58	82	616576	19.119	ng	#	64
32) Benzoic acid	8.30	122	251	6.001	ng	#	1
49) Dimethylphthalate	9.77	163	81949	2.847	ng		99
50) 2,6-Dinitrotoluene	10.07	165	55393	9.197	ng	#	26
56) 2,4-Dinitrotoluene	10.07	165	55393	7.145	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.85	198	415	5.499	ng	#	1
70) Phenanthrene	11.59	178	104950	3.189	ng		100
71) Anthracene	11.59	178	104950	3.112	ng		99
74) Fluoranthene	12.78	202	235255	6.550	ng		97
77) Pyrene	13.02	202	221235	5.688	ng		99
80) Benzo(a)anthracene	14.21	228	119752	3.396	ng		96
82) Chrysene	14.25	228	101940	3.154	ng		96
87) Benzo(b)fluoranthene	15.31	252	134268	5.452	ng	#	87
88) Benzo(k)fluoranthene	15.31	252	134268	5.931	ng	#	90
89) Benzo(a)pyrene	15.72	252	68953	3.127	ng	#	89

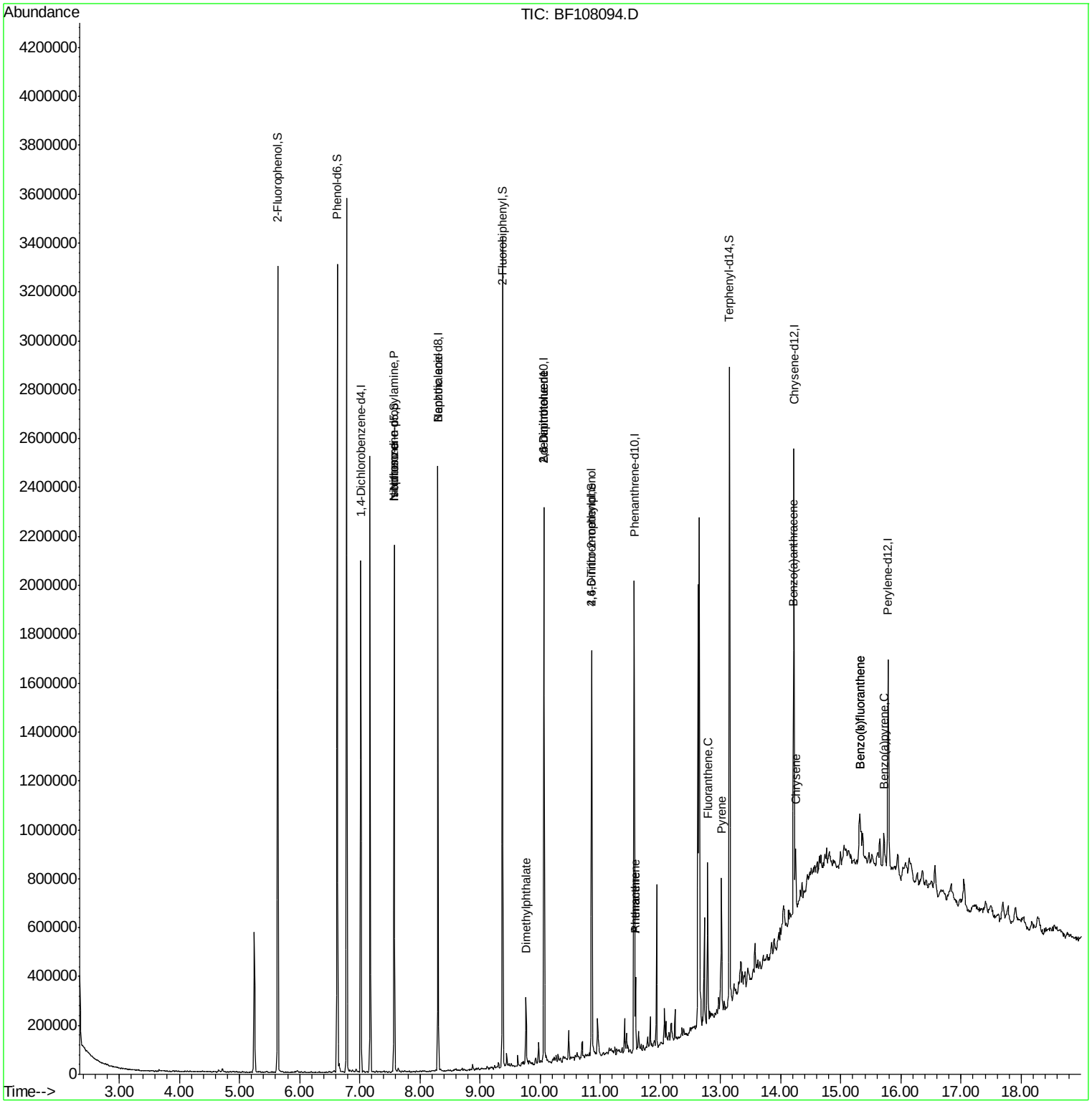
(#) = qualifier out of range (m) = manual integration (+) = signals summed

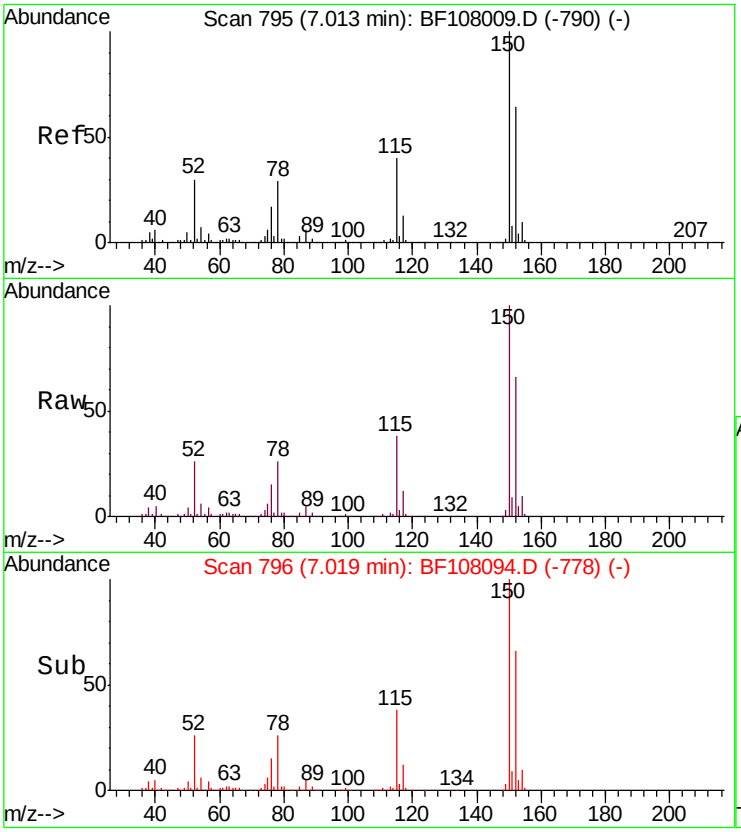
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108094.D
Acq On : 10 Aug 2018 19:55
Operator : JU/SJ
Sample : J4272-11 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 10 23:13:16 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



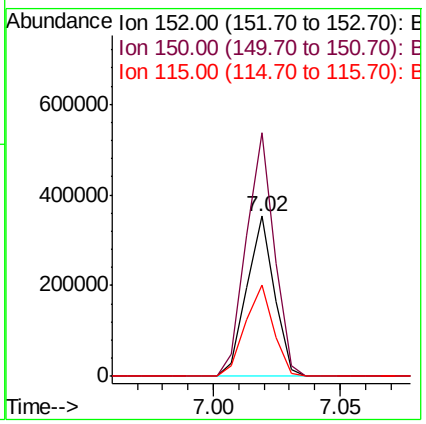


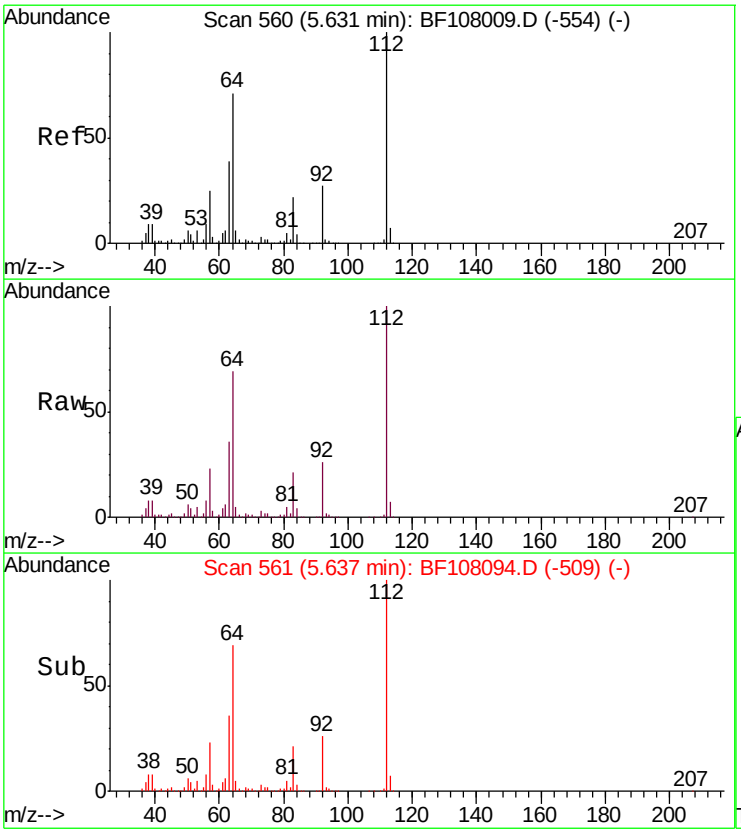
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:152 Resp: 268116

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.6	186.8
115	57.2	50.1	75.1

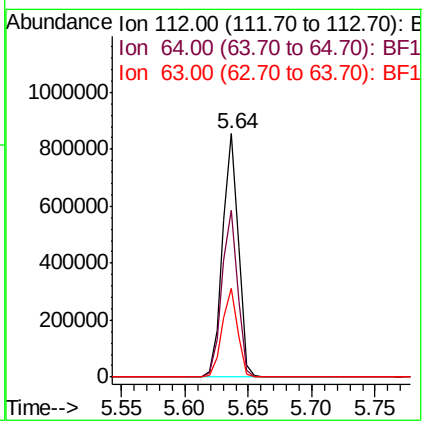


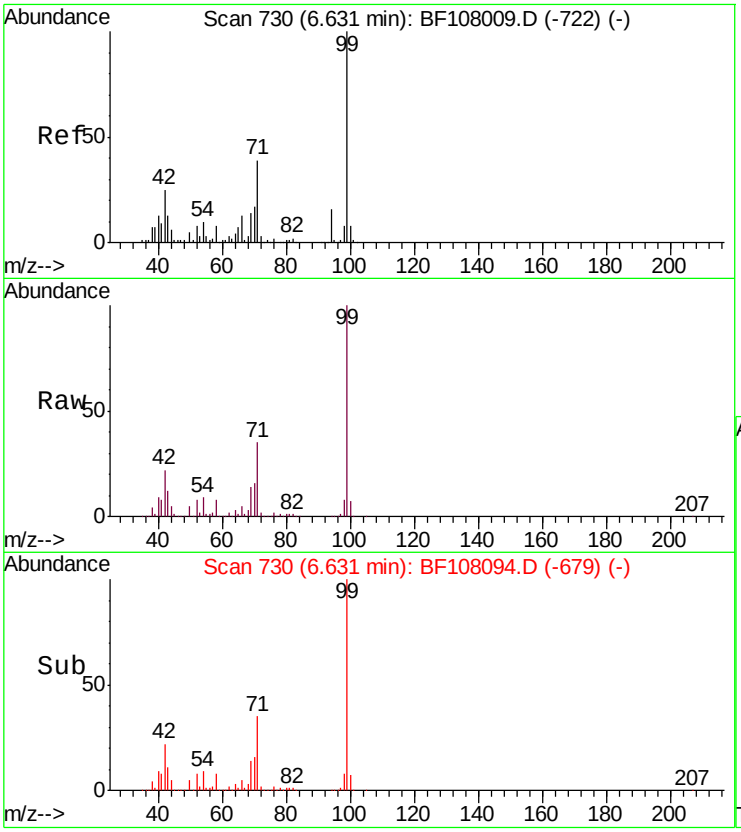


#5
2-Fluorophenol
Concen: 50.037 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:112 Resp: 741019

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	36.4	23.7	35.5#



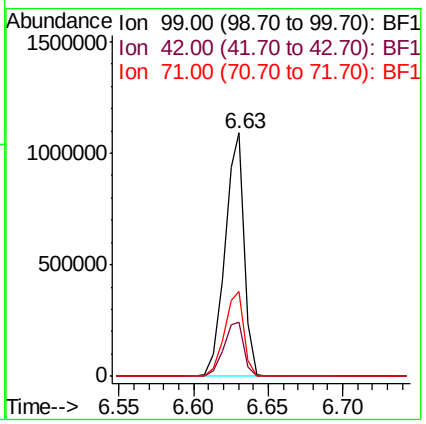


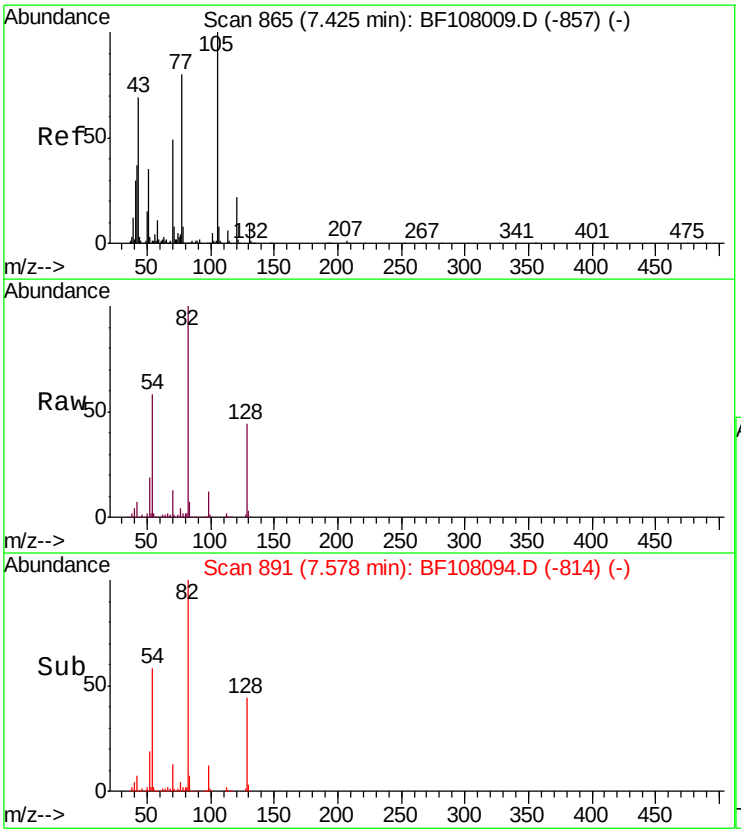
#7
Phenol-d6
Concen: 50.658 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion: 99 Resp: 996921

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	35.0	25.4	38.0

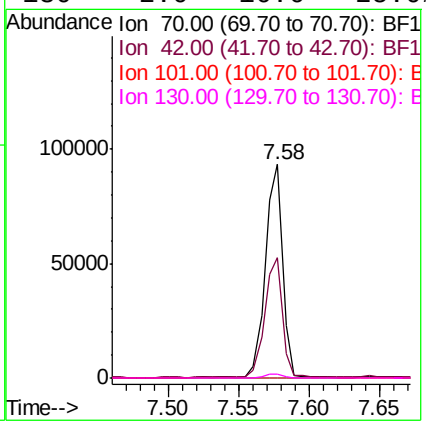


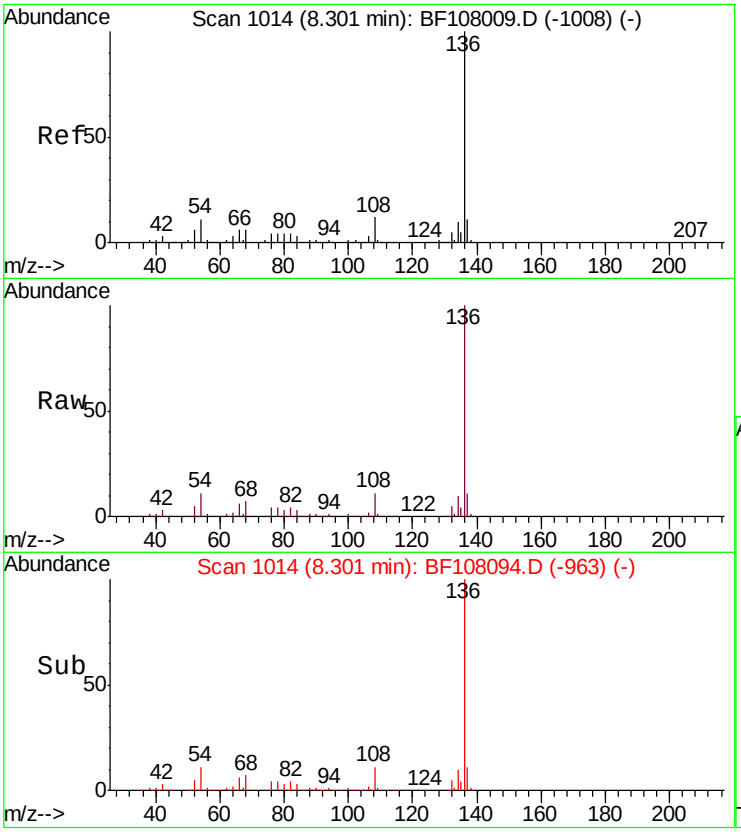


#19
n-Nitroso-di-n-propylamine
Concen: 6.147 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion: 70 Resp: 81802

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



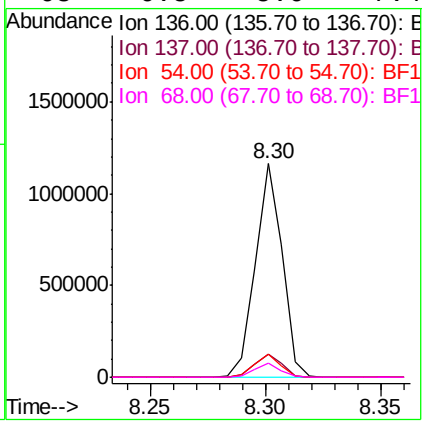


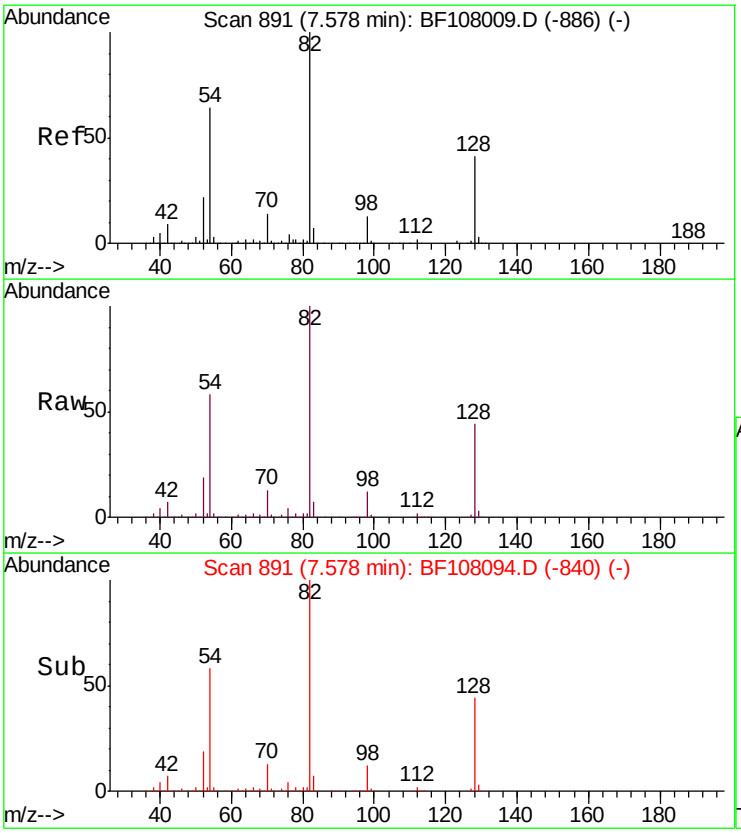
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:136 Resp: 944124

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.6	6.6	9.8#
68	6.5	5.0	7.4

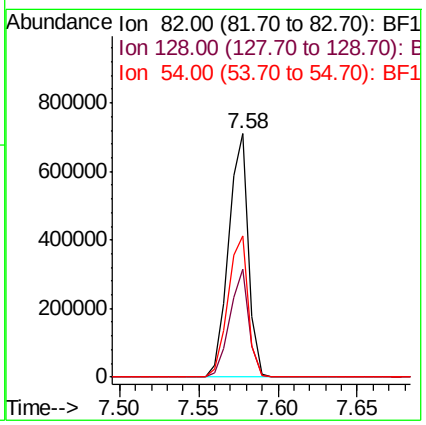


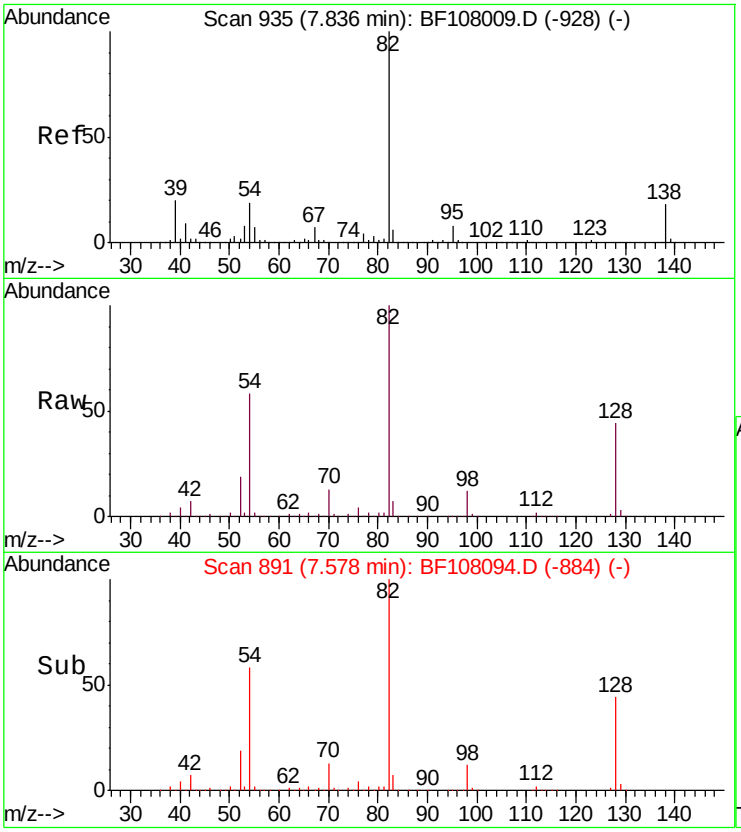


#23
Nitrobenzene-d5
Concen: 36.442 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion: 82 Resp: 616583

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	57.8	41.4	62.2



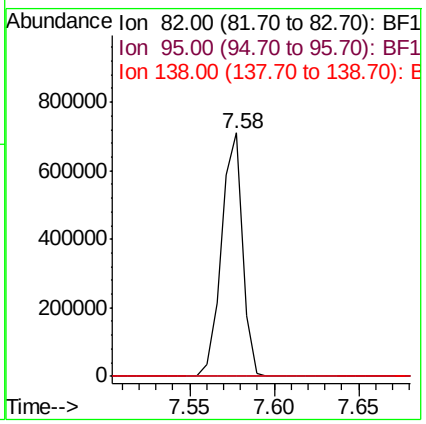


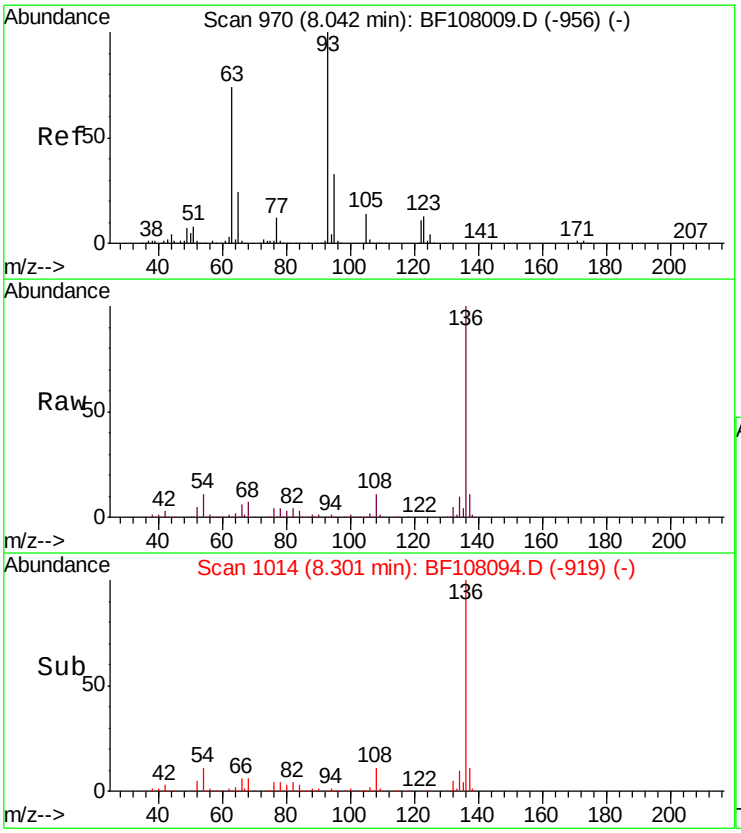
#25
Isophorone
Concen: 19.119 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion: 82 Resp: 616576

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

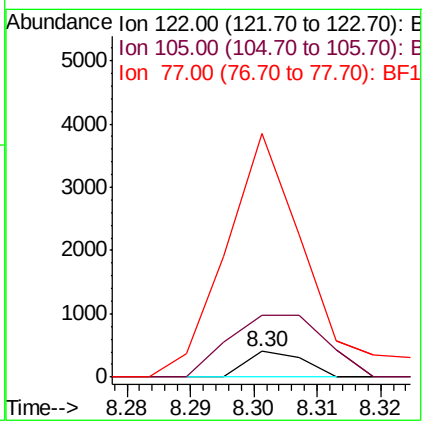


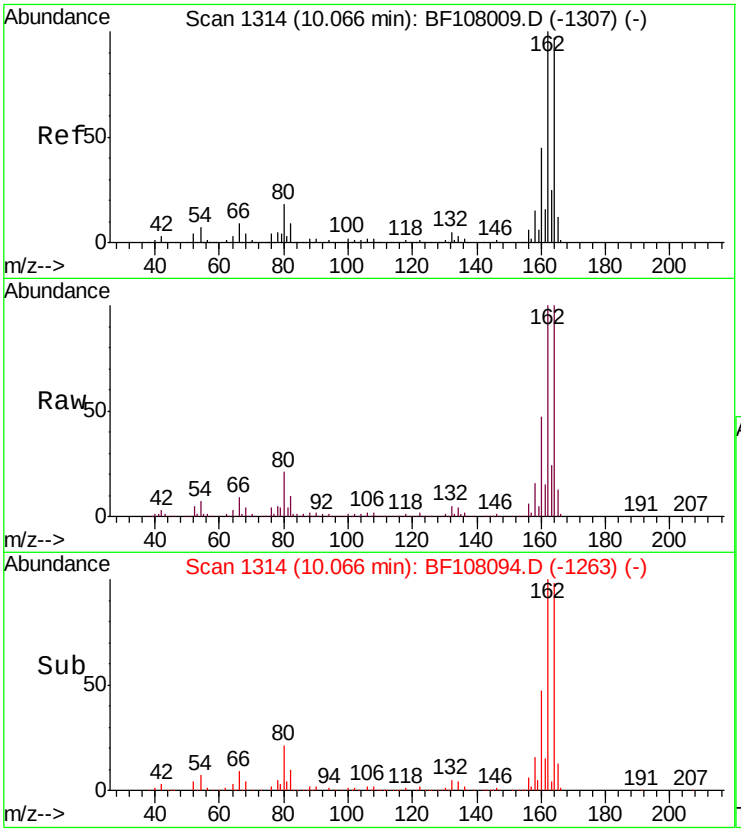


#32
Benzoic acid
Concen: 6.001 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.26 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:122 Resp: 251

Ion	Ratio	Lower	Upper
122	100		
105	239.1	101.1	141.1#
77	940.8	70.7	110.7#



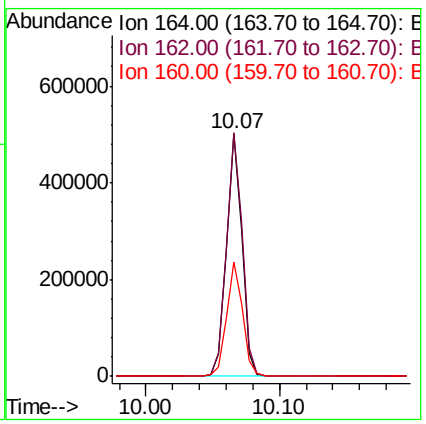


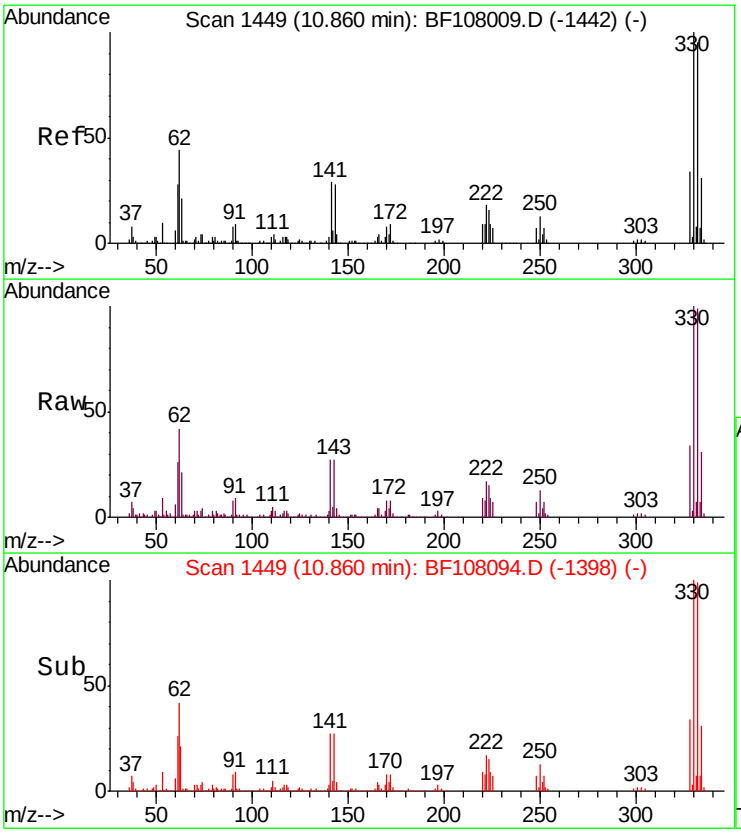
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:164 Resp: 413287

Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	47.0	38.3	57.5

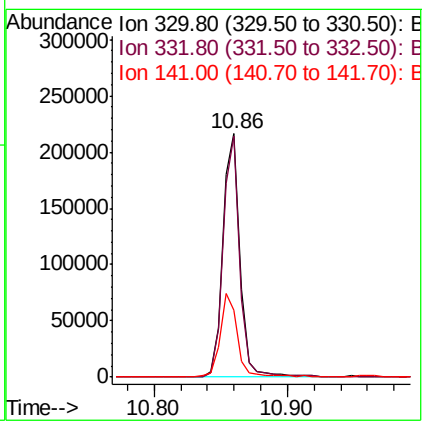


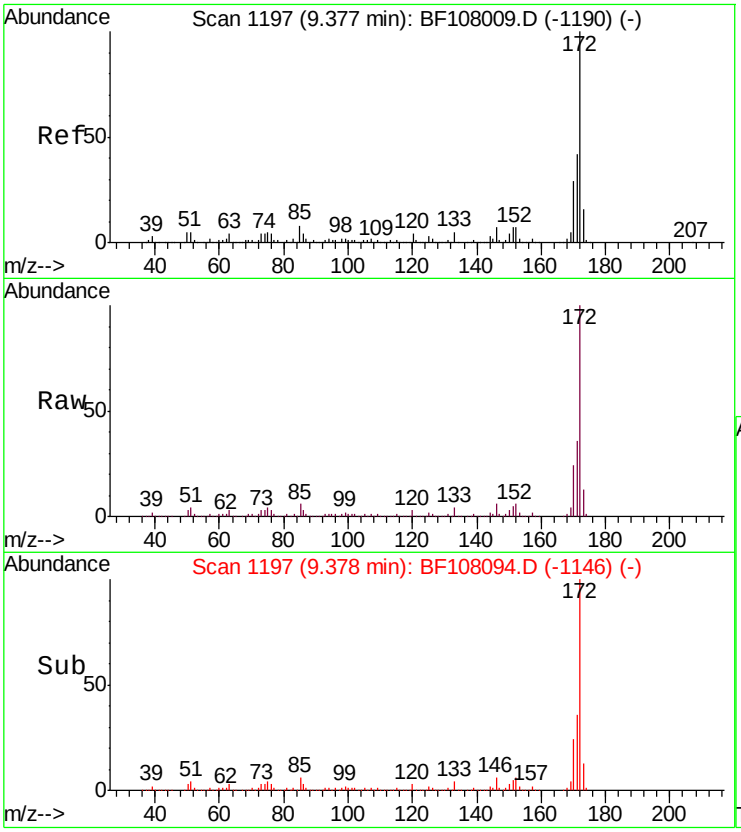


#41
2,4,6-Tribromophenol
Concen: 47.572 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:330 Resp: 196113

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.9	29.9	44.9



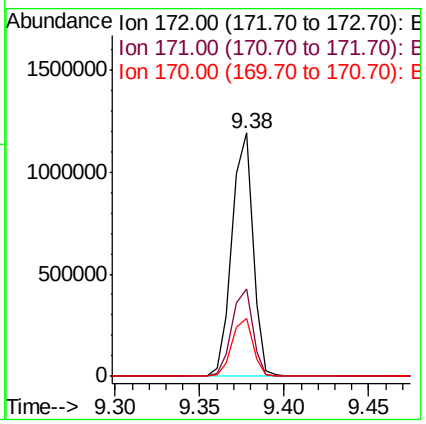


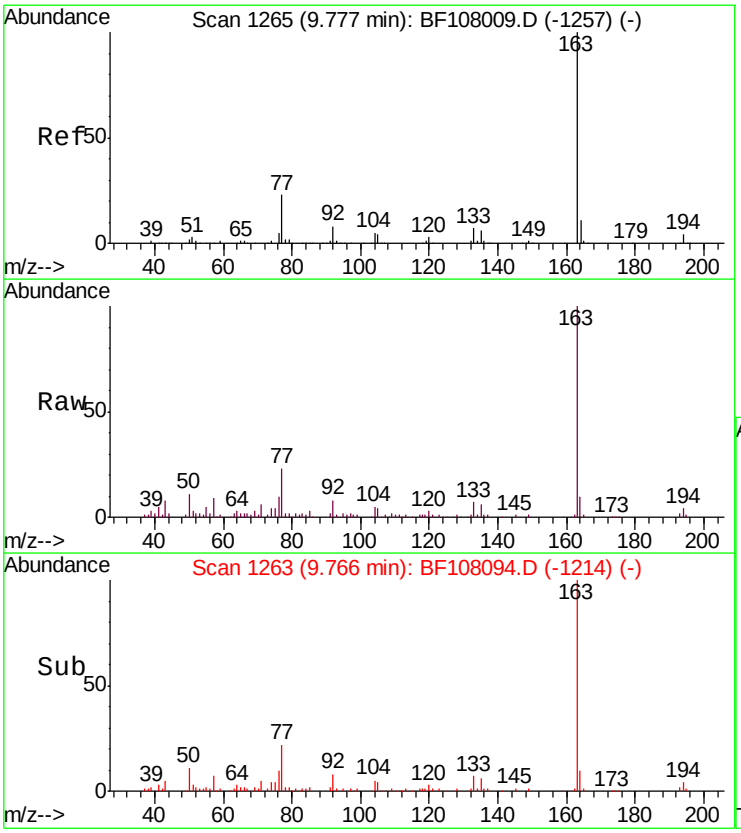
#44
2-Fluorobiphenyl
Concen: 40.072 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:172 Resp: 1031552

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

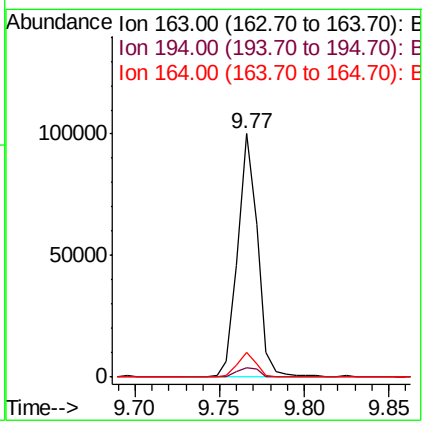


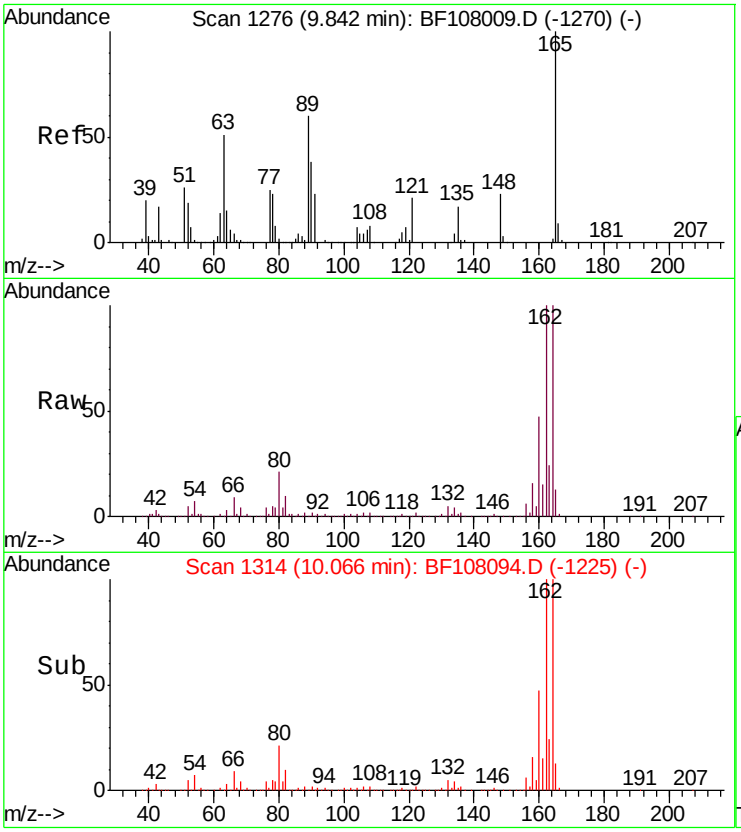


#49
Dimethylphthalate
Concen: 2.847 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:163 Resp: 81949

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



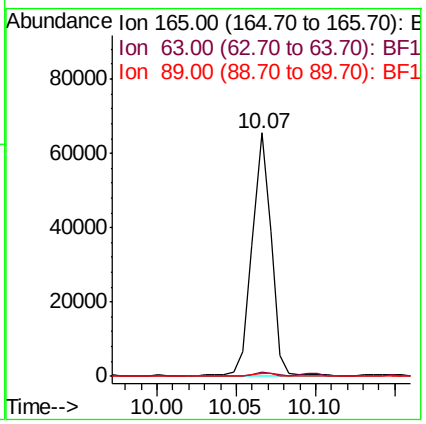


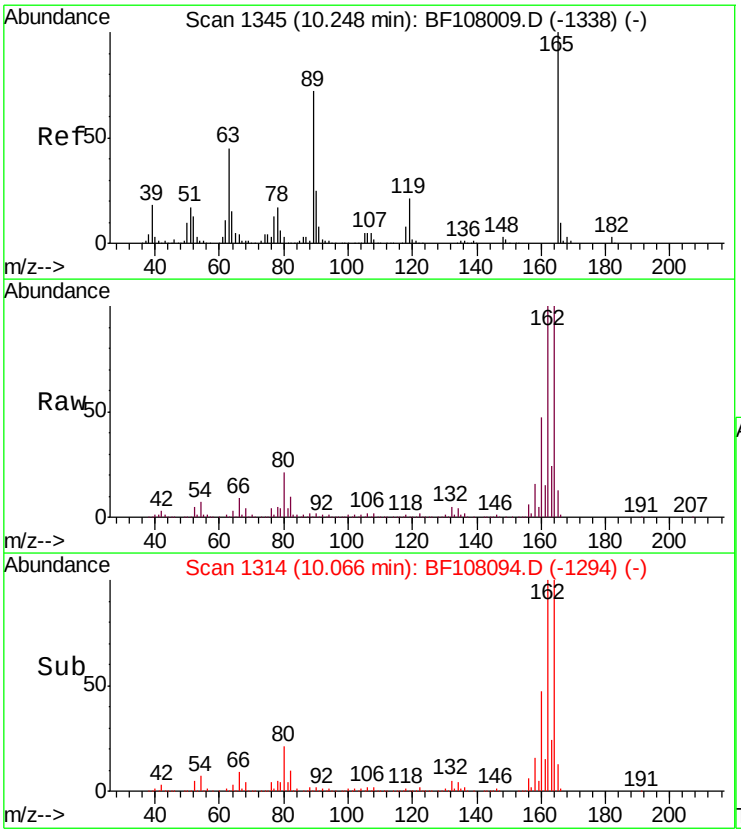
#50
2,6-Dinitrotoluene
Concen: 9.197 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.22 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:165 Resp: 55393

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#

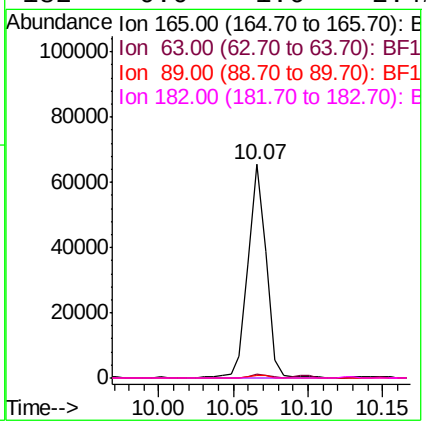


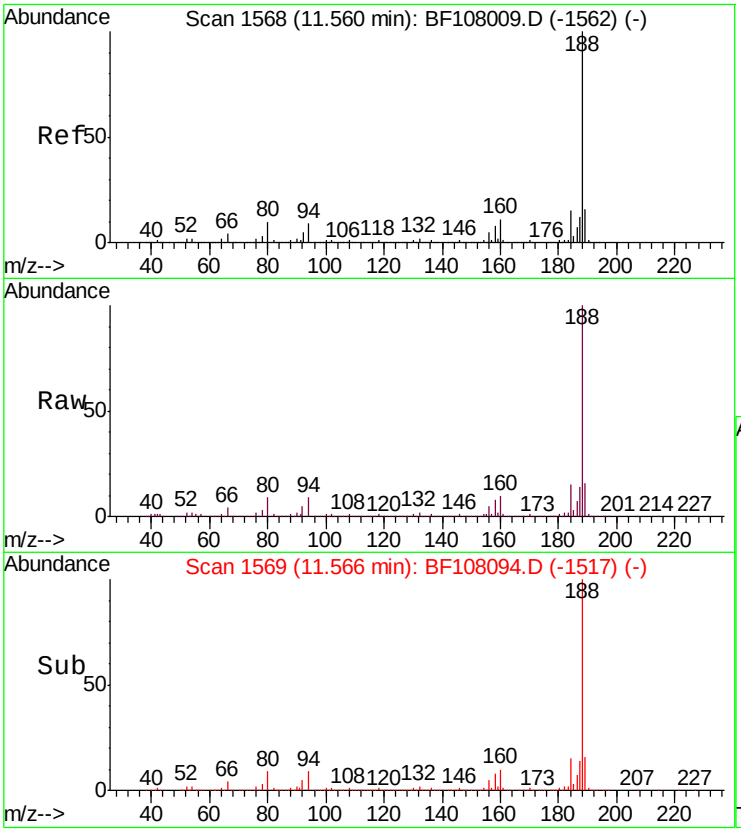


#56
2,4-Dinitrotoluene
Concen: 7.145 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:165 Resp: 55393

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



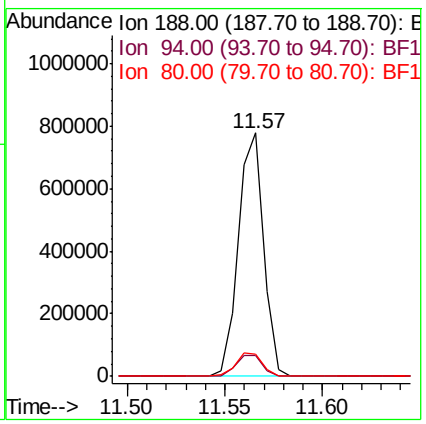


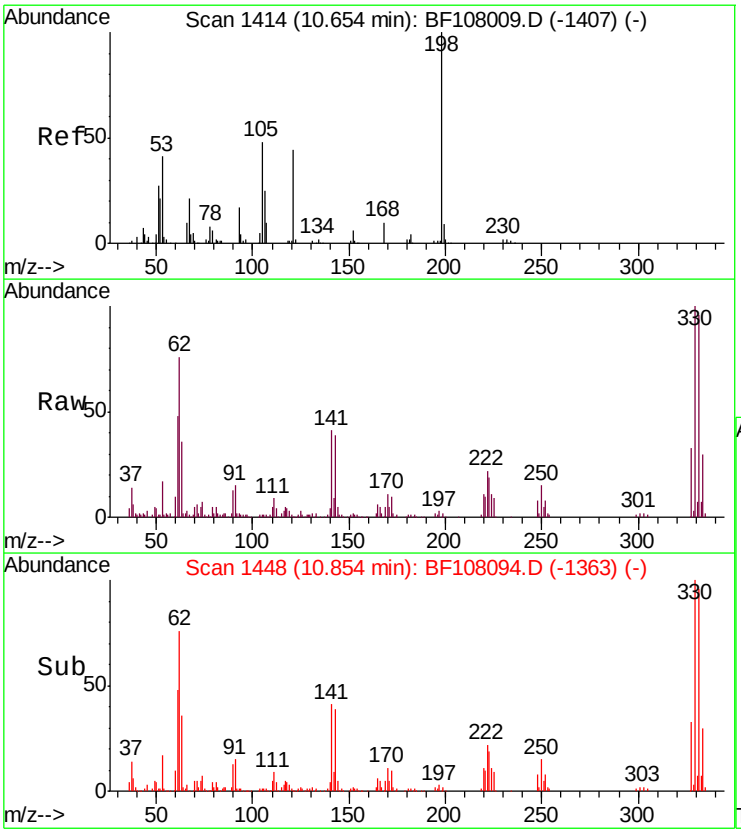
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:188 Resp: 697696

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	9.2	13.8

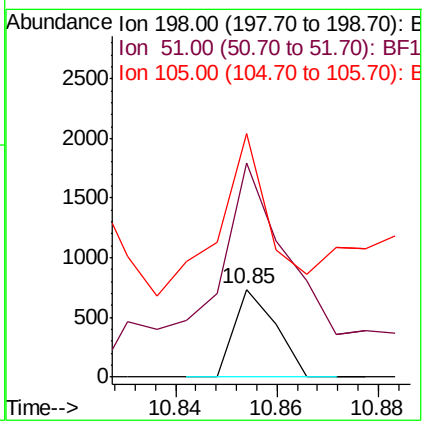


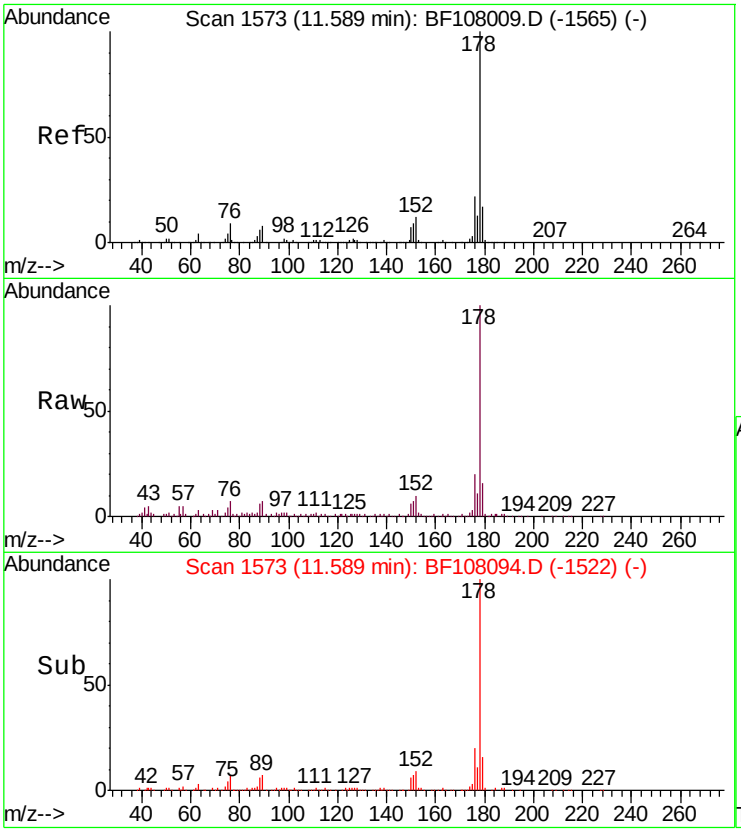


#64
4,6-Dinitro-2-methylphenol
Concen: 5.499 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:198 Resp: 415

Ion	Ratio	Lower	Upper
198	100		
51	244.8	37.7	77.7#
105	277.6	36.3	76.3#



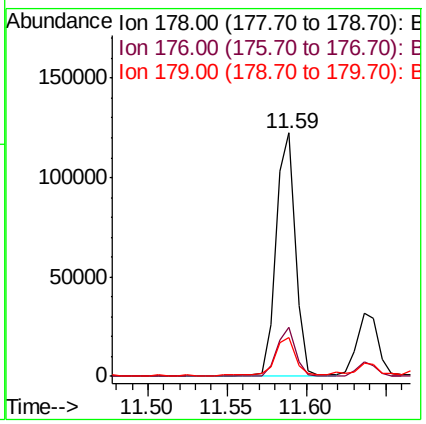


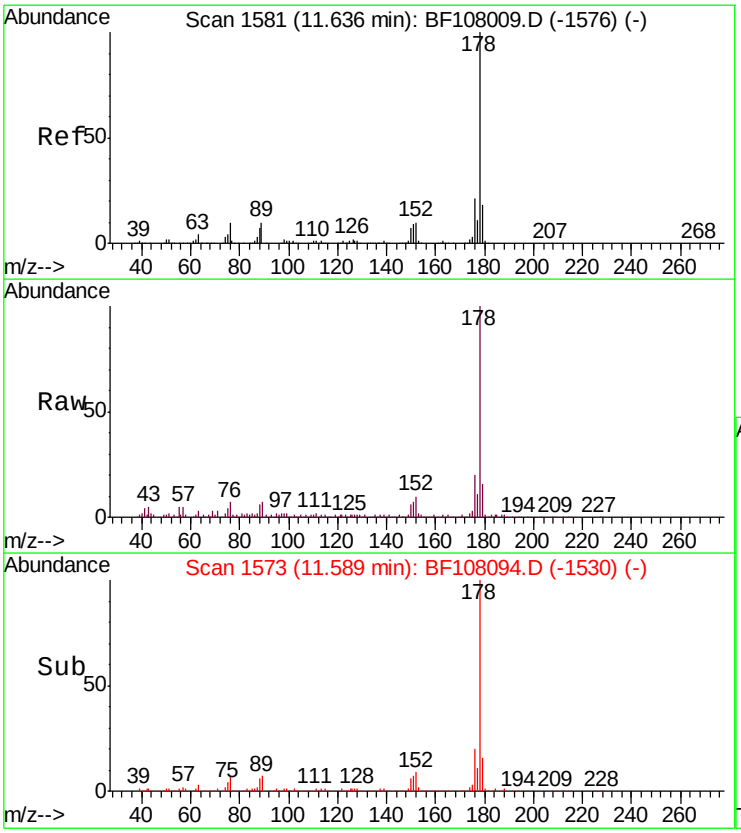
#70
Phenanthrene
Concen: 3.189 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:178 Resp: 104950

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6

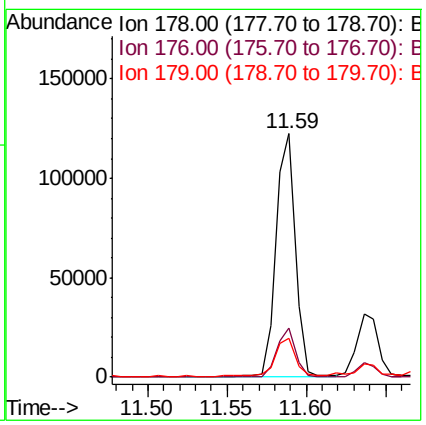


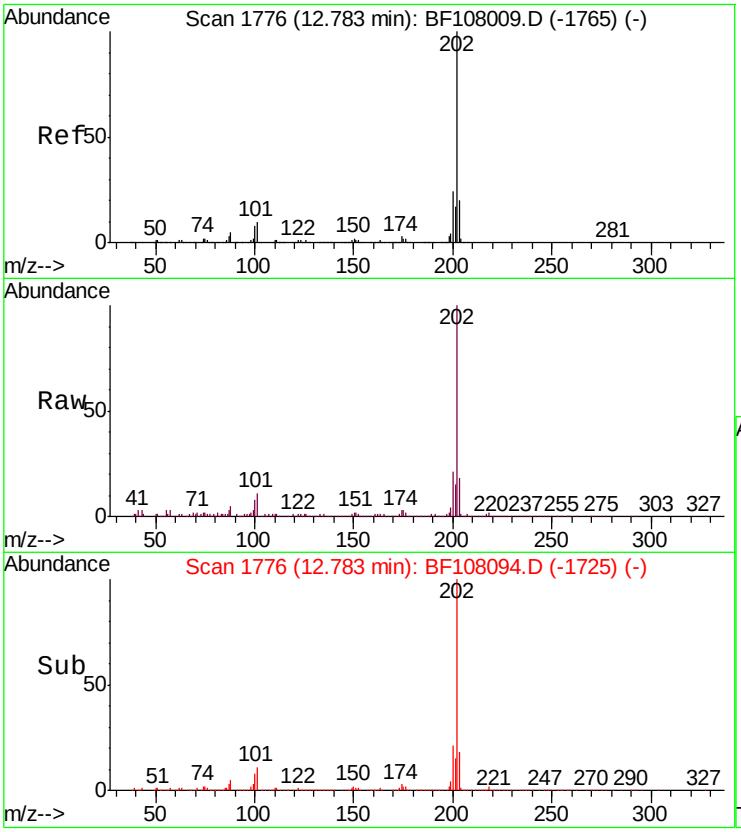


#71
Anthracene
Concen: 3.112 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.05 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:178 Resp: 104950

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.0	12.6	19.0



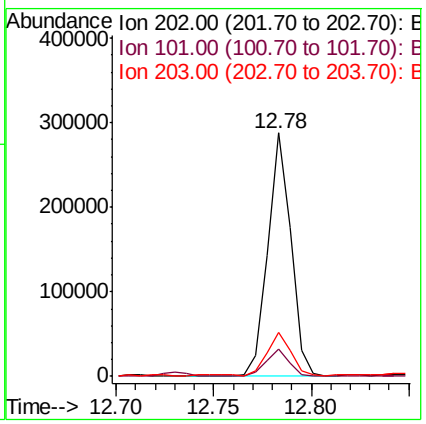


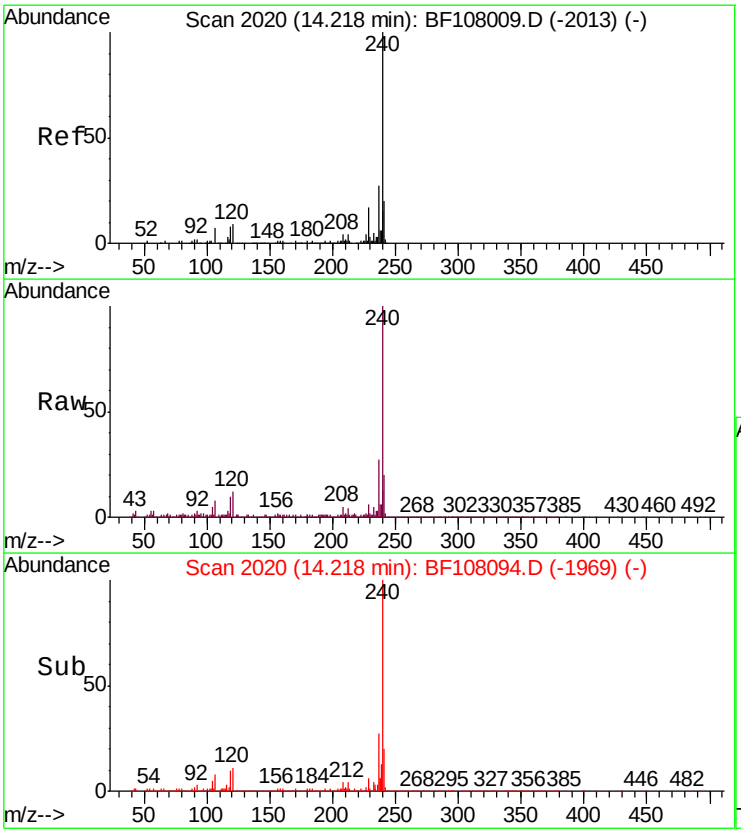
#74
Fluoranthene
Concen: 6.550 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:202 Resp: 235255

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.2	0.0	38.1

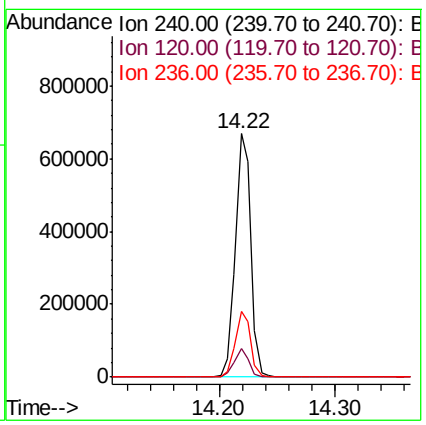


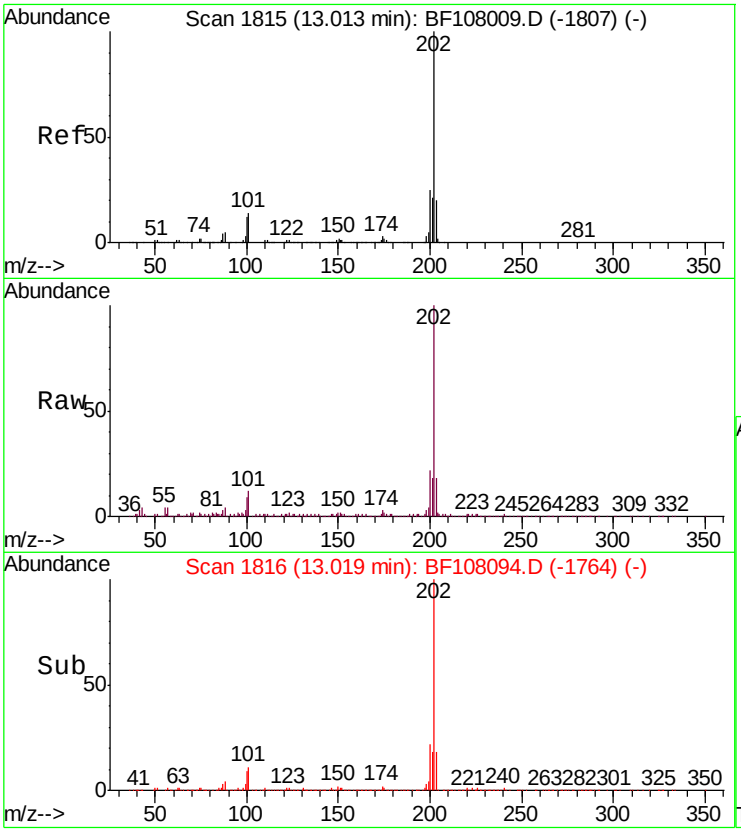


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:240 Resp: 614361

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.8	20.7	31.1



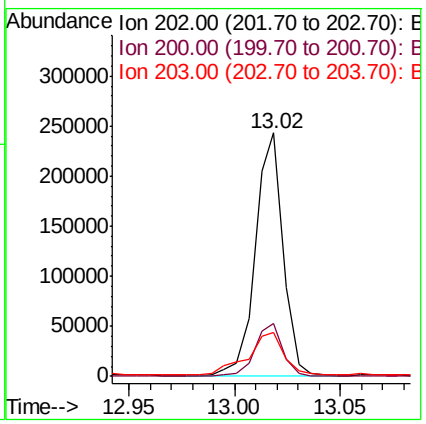


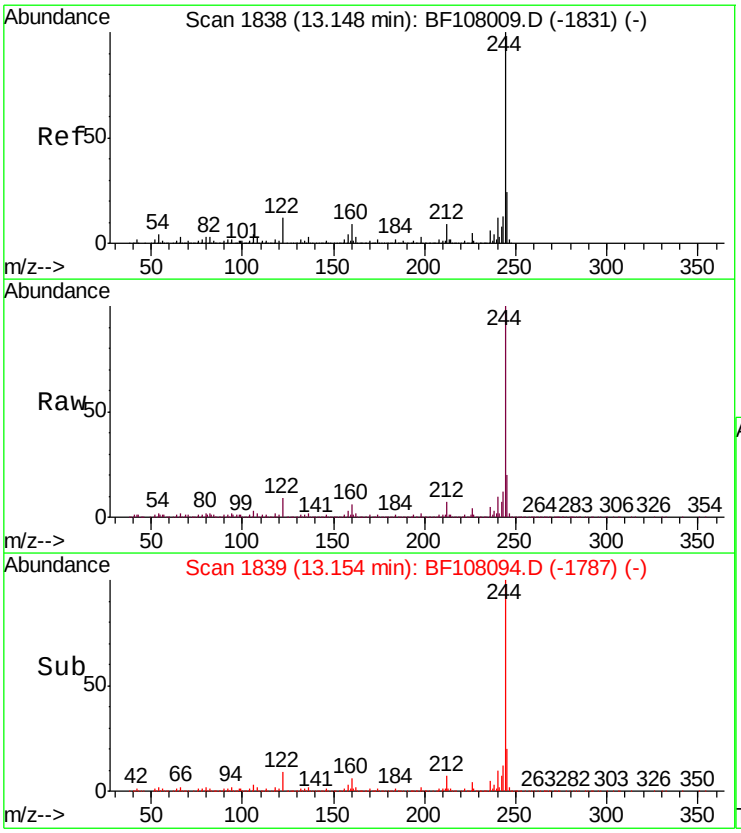
#77
Pyrene
Concen: 5.688 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:202 Resp: 221235

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.3	14.3	21.5

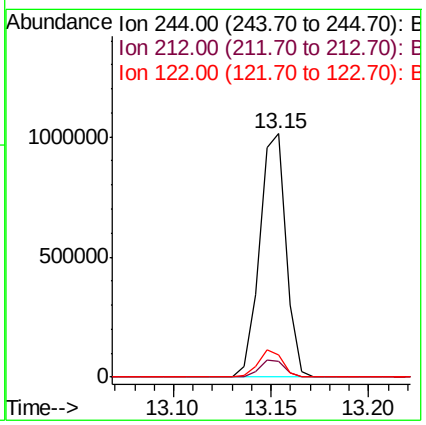


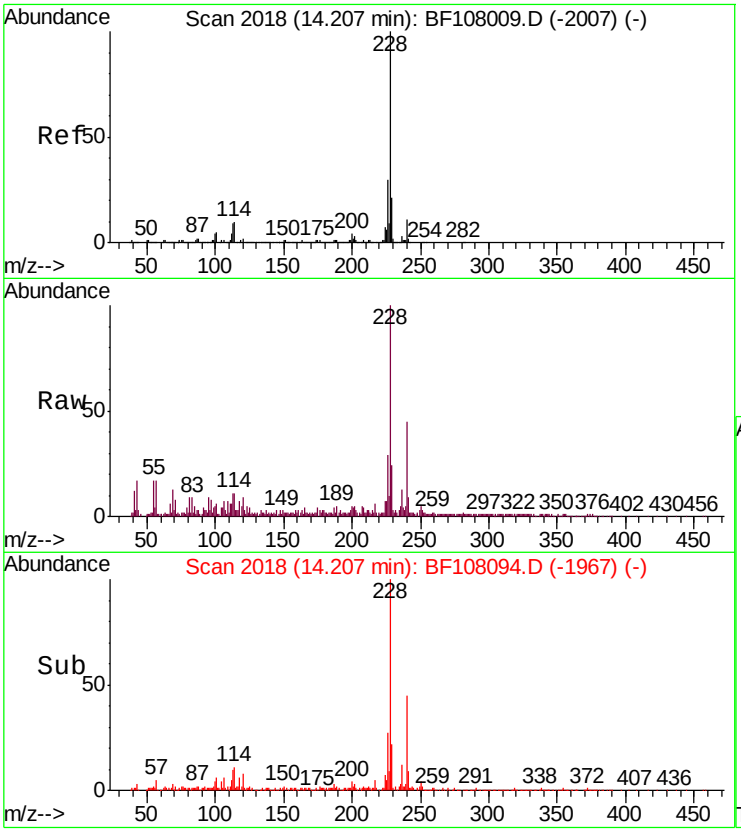


#78
Terphenyl-d14
Concen: 39.205 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:244 Resp: 947305

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#



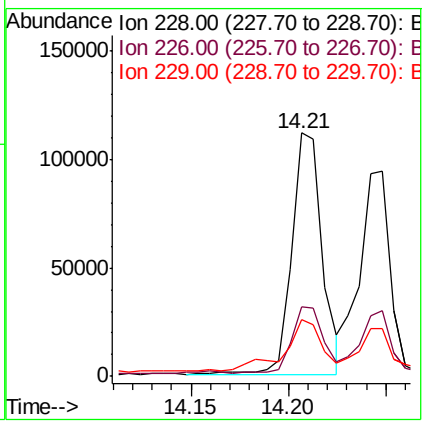


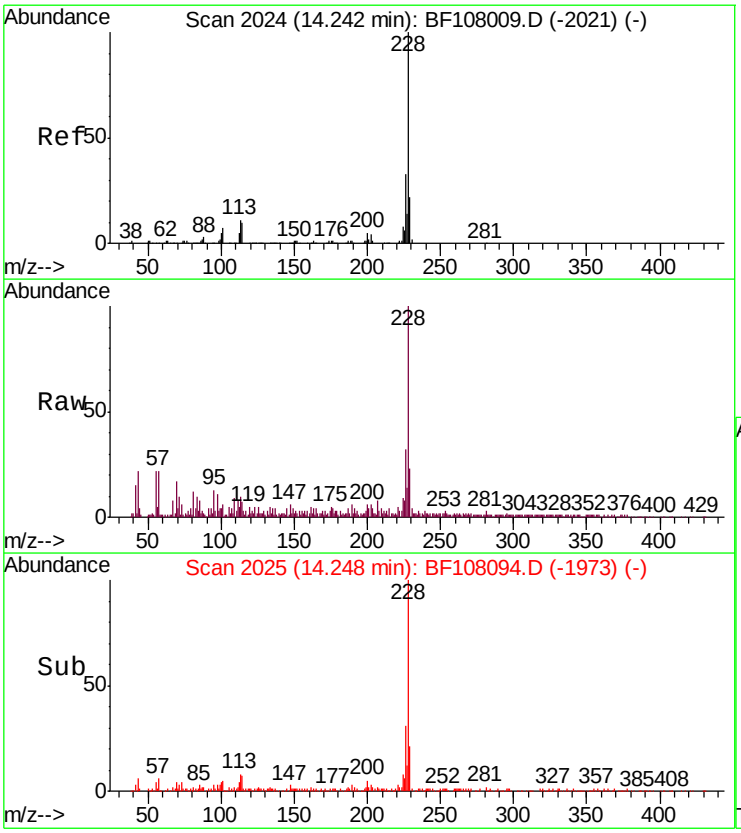
#80
Benzo(a)anthracene
Concen: 3.396 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:228 Resp: 119752

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	23.5	15.8	23.6

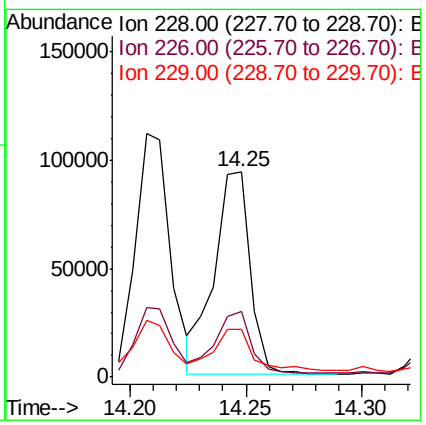


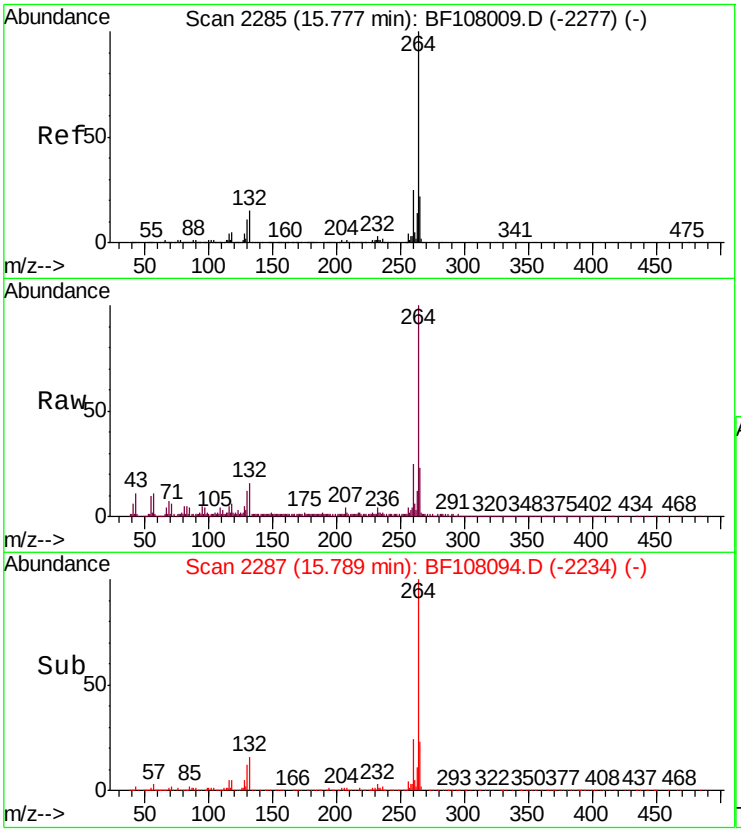


#82
Chrysene
Concen: 3.154 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:228 Resp: 101940

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	23.3	16.2	24.4



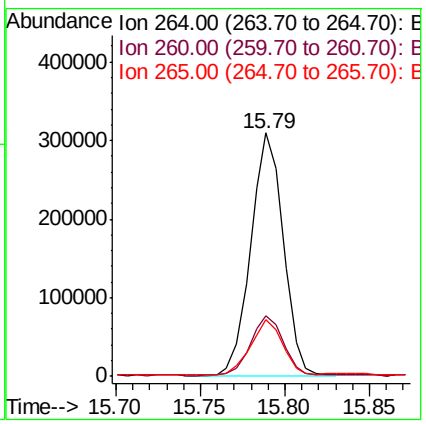


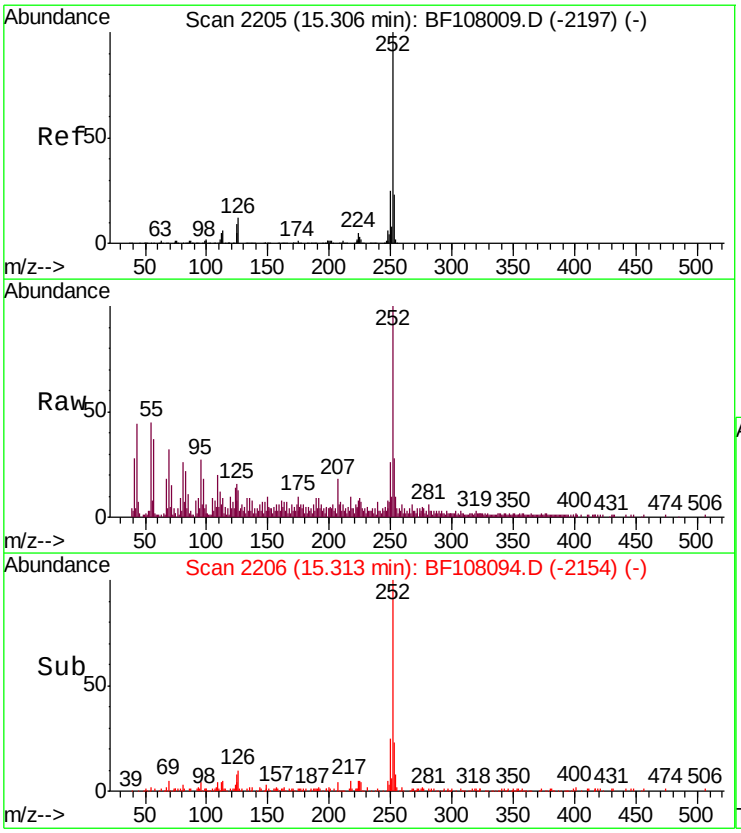
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:264 Resp: 412167

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.4	17.5	26.3

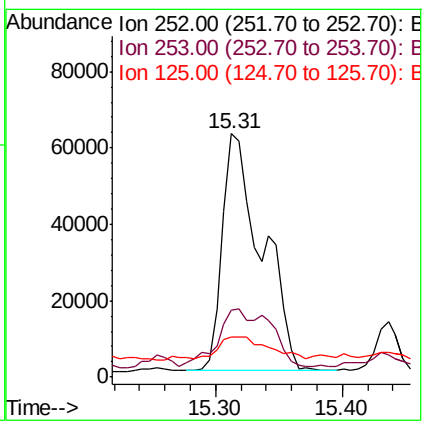


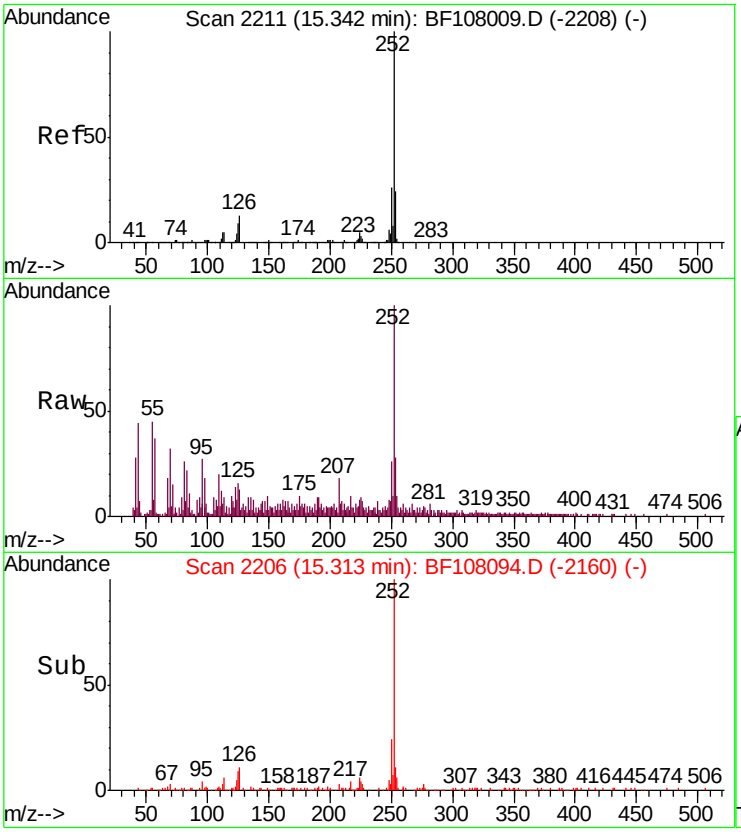


#87
Benzo(b)fluoranthene
Concen: 5.452 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:252 Resp: 134268

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.6#
125	16.3	9.0	13.6#



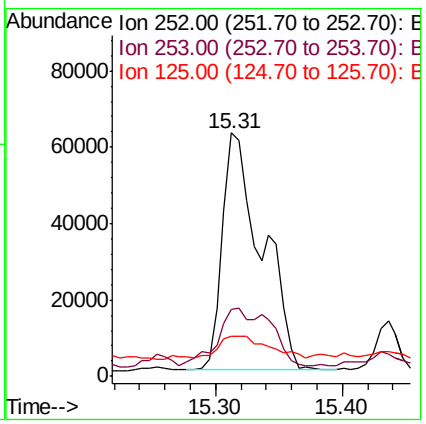


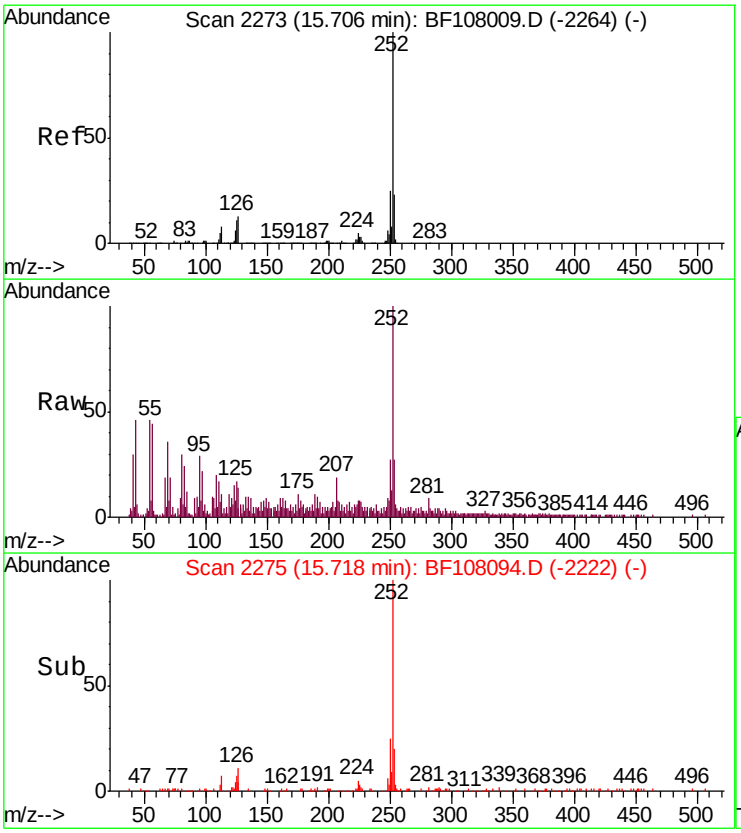
#88
Benzo(k)fluoranthene
Concen: 5.931 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion:252 Resp: 134268

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.9	26.9#
125	16.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.127 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion:252 Resp: 68953

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.1	25.7#
125	16.8	9.8	14.6#