Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Time: Aug 21 00:54:53 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	167844	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	619432	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	279483	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	446001	20.00	ng		0.00
75) Chrysene-d12	14.22	240	310841	20.00	ng		0.00
86) Perylene-d12	15.79	264	277488	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	724972	78.20	ng		0.02
7) Phenol-d6	6.64	99	978353	79.41	ng		0.00
23) Nitrobenzene-d5	7.58	82	613264	55.25	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	207693	74.50	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1061085	60.95	ng		0.00
78) Terphenyl-d14	13.15	244	779135	63.73	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	84147	10.101	ng	#	83
25) Isophorone	7.58	82	613247	28.984	ng	#	64
49) Dimethylphthalate	9.77	163	68149	3.501	ng	#	96
53) 2,4-Dinitrophenol	10.38	184	108	7.085	ng	#	25
56) 2,4-Dinitrotoluene	10.07	165	36993	7.056	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.85	198	622	5.689	ng	#	1
66) 4-Bromophenyl-phenylether	10.86	248	13655	2.817	ng	#	1
70) Phenanthrene	11.58	178	412177	19.594	ng		99
71) Anthracene	11.64	178	145311	6.740	ng		98
74) Fluoranthene	12.78	202	973659	42.409	ng		96
77) Pyrene	13.02	202	959046	48.733	ng		99
80) Benzo(a)anthracene	14.21	228	527298	29.559	ng		98
82) Chrysene	14.25	228	437573	26.755	ng		97
85) Indeno(1,2,3-cd)pyrene	17.42	276	209058	14.753	ng	#	86
87) Benzo(b)fluoranthene	15.32	252	789504	47.615	ng		95
88) Benzo(k)fluoranthene	15.32	252	789504	51.798	ng		95
89) Benzo(a)pyrene	15.65	252	263221	17.728	ng		95
90) Dibenzo(a,h)anthracene	17.42	278	56654	4.612	ng	#	89
91) Benzo(g,h,i)perylene	17.92	276	187231	15.477	ng	#	88

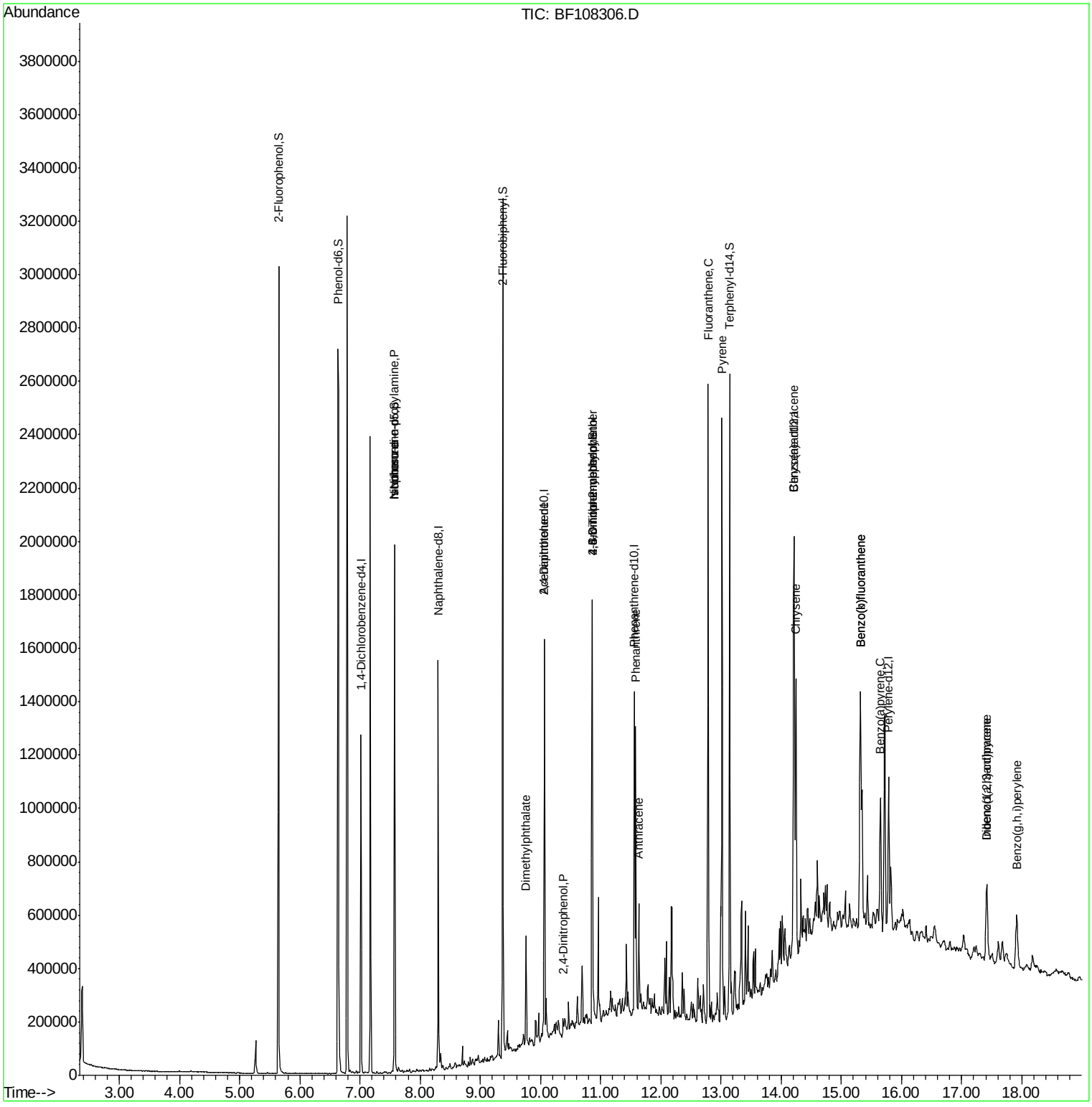
(#) = qualifier out of range (m) = manual integration (+) = signals summed

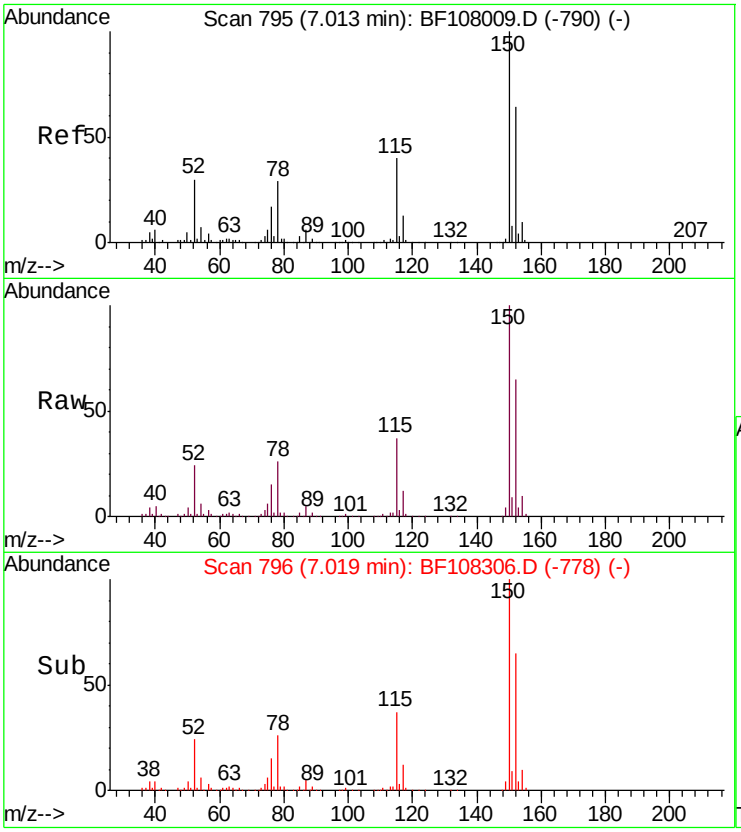
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11990

Quant Time: Aug 21 00:54:53 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



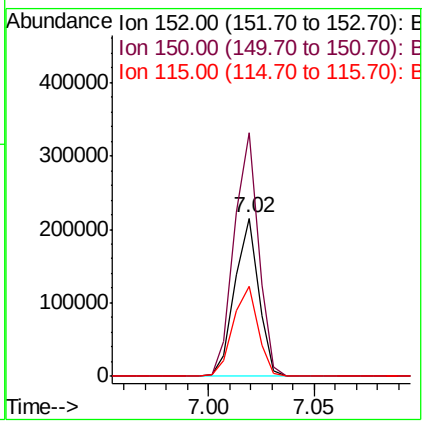


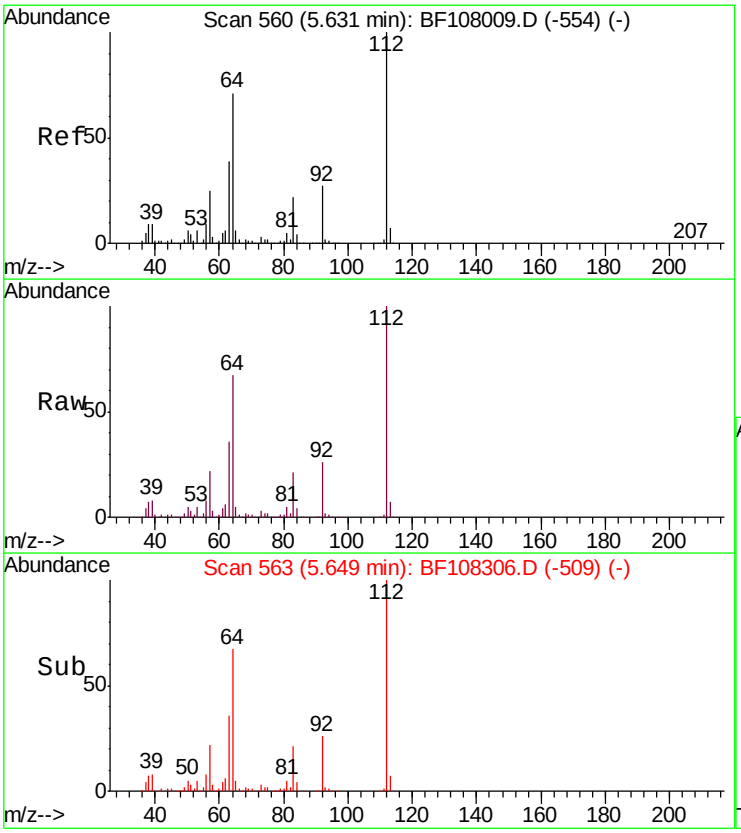
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:152 Resp: 167844

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	57.2	50.1	75.1

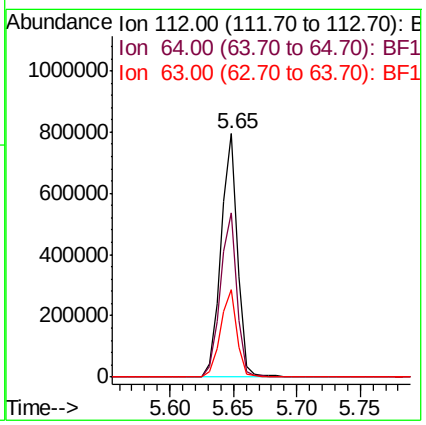


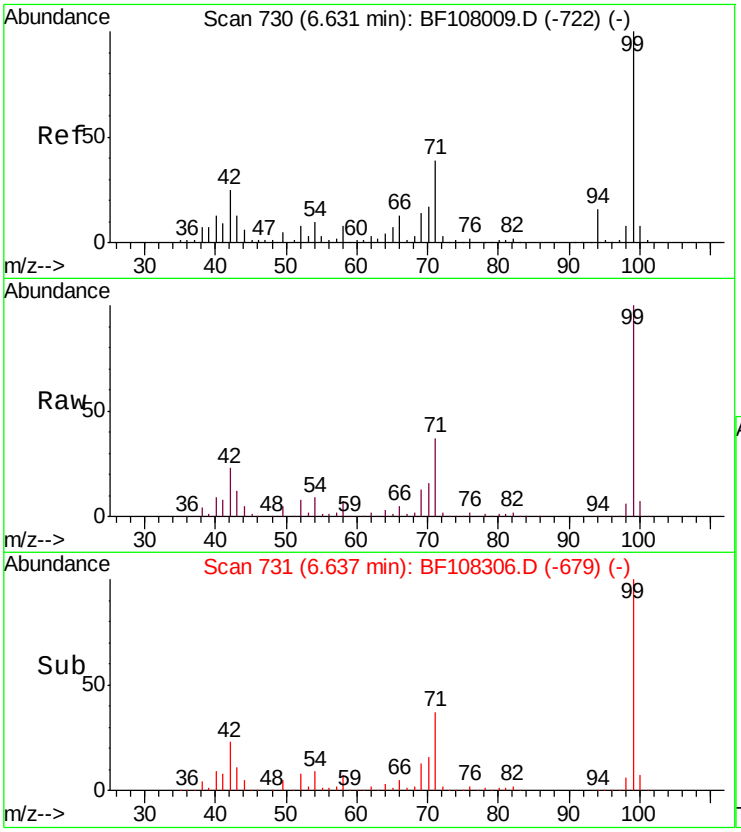


#5
2-Fluorophenol
Concen: 78.199 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:112 Resp: 724972

Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	35.7	23.7	35.5#



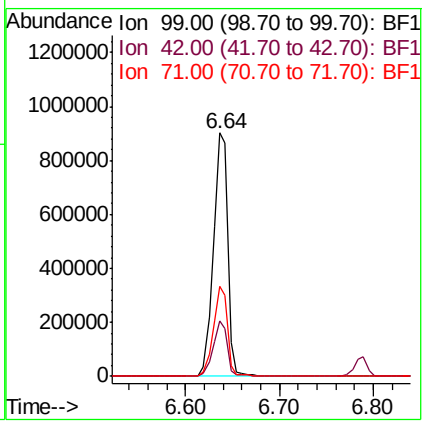


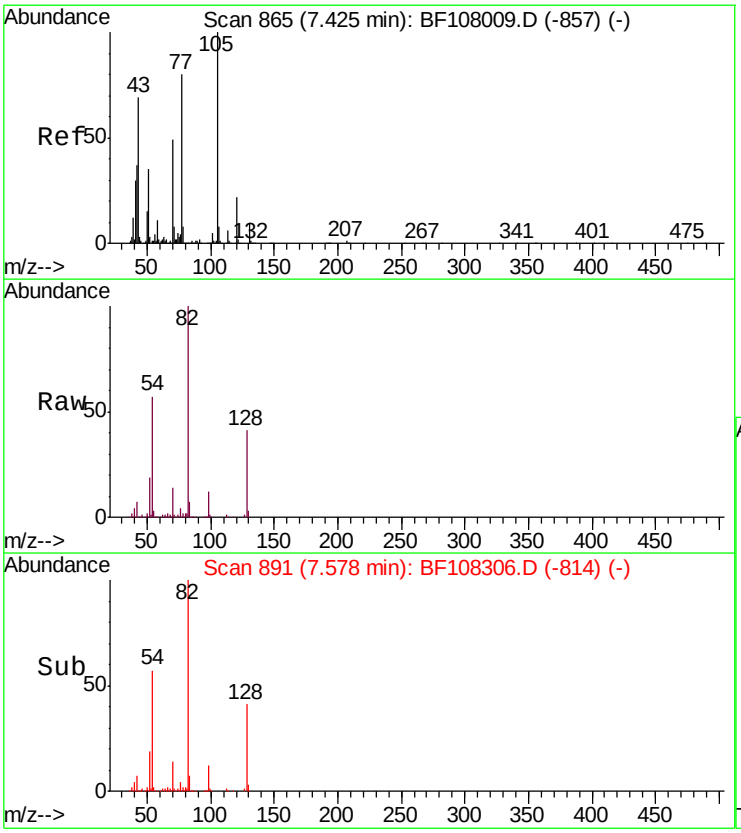
#7
Phenol-d6
Concen: 79.414 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion: 99 Resp: 978353

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.0	25.4	38.0

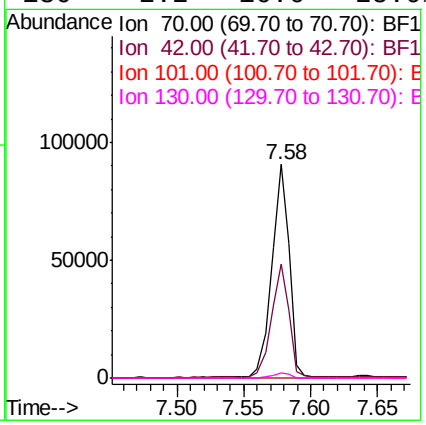


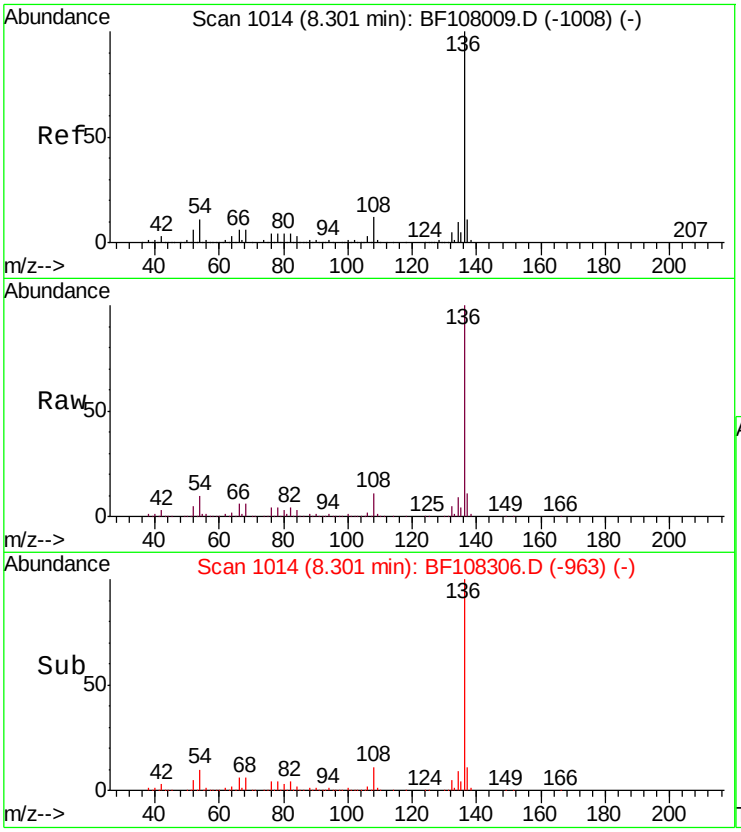


#19
n-Nitroso-di-n-propylamine
Concen: 10.101 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion: 70 Resp: 84147

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



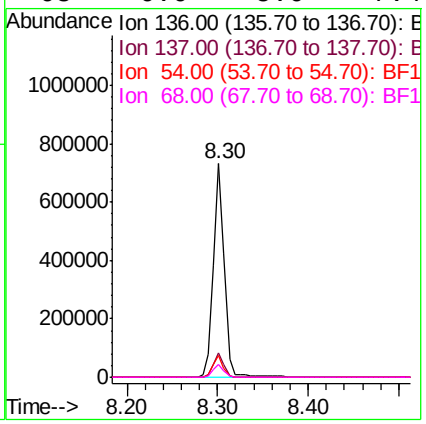


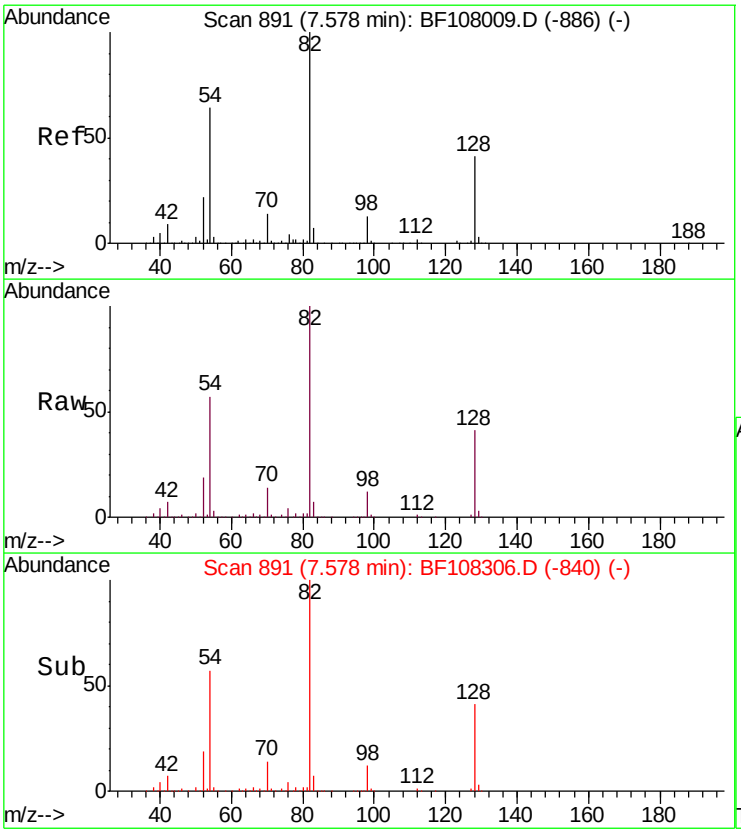
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:136 Resp: 619432

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.0	6.6	9.8#
68	6.0	5.0	7.4

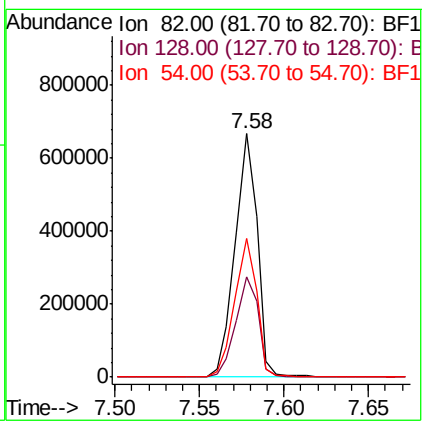


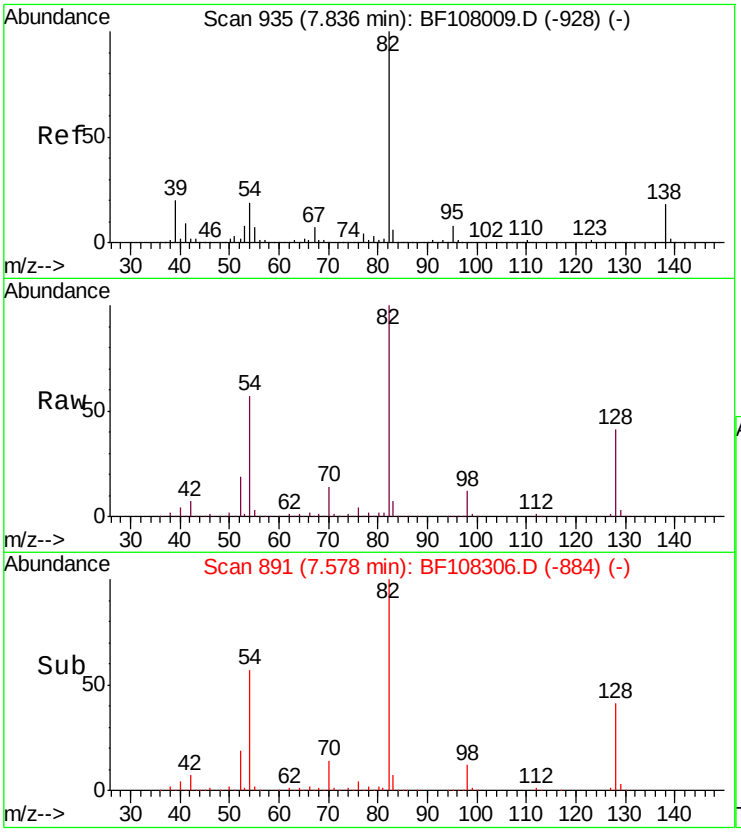


#23
Nitrobenzene-d5
Concen: 55.246 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion: 82 Resp: 613264

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	56.8	41.4	62.2



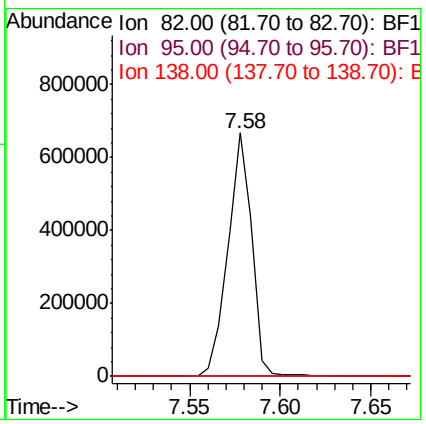


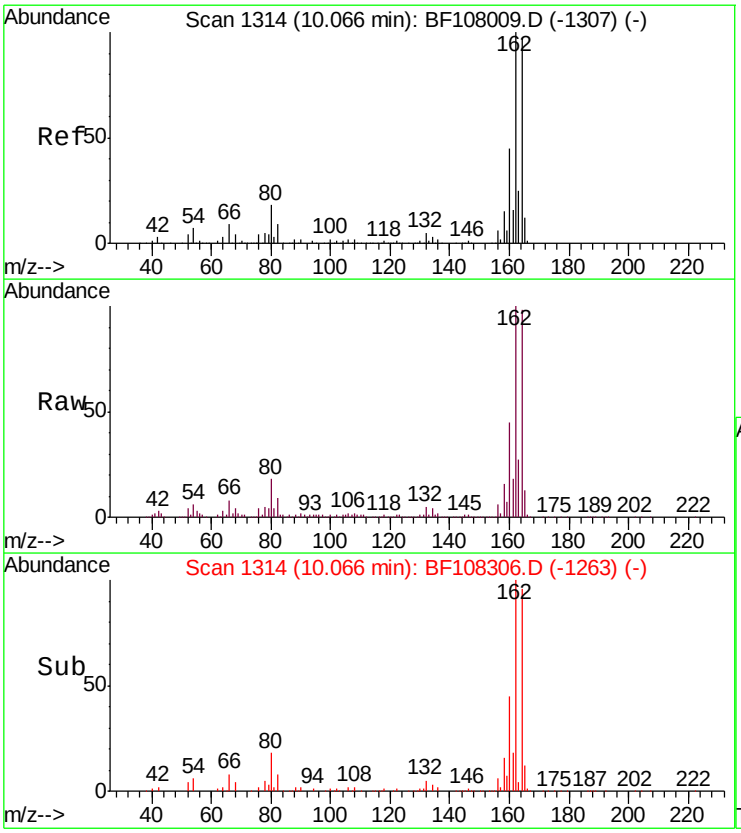
#25
Isophorone
Concen: 28.984 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion: 82 Resp: 613247

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

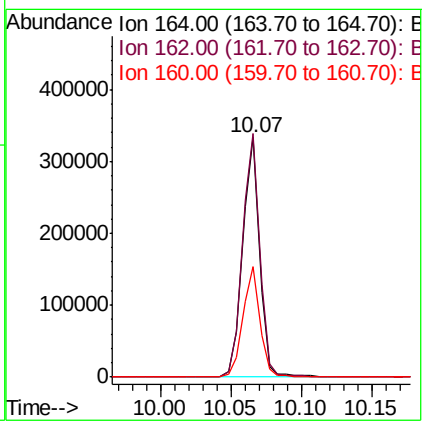


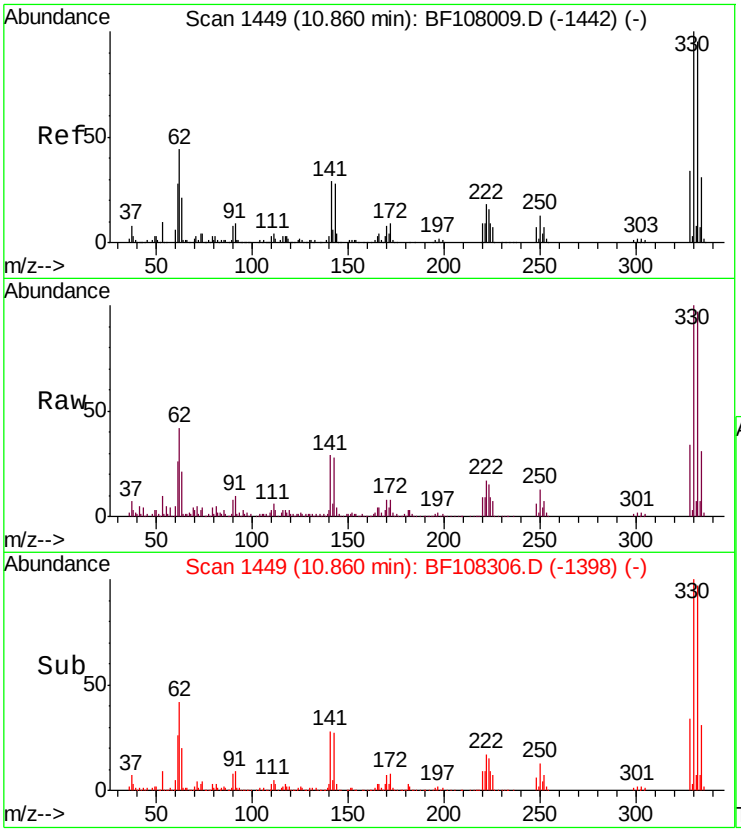


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:164 Resp: 279483

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.2	38.3	57.5



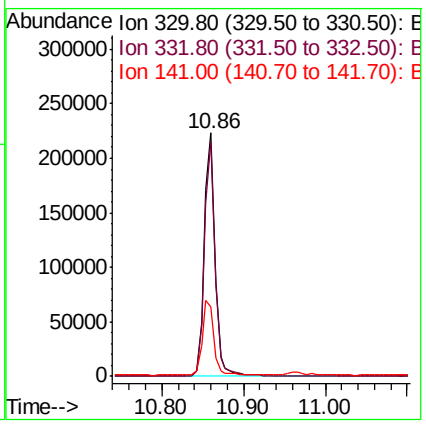


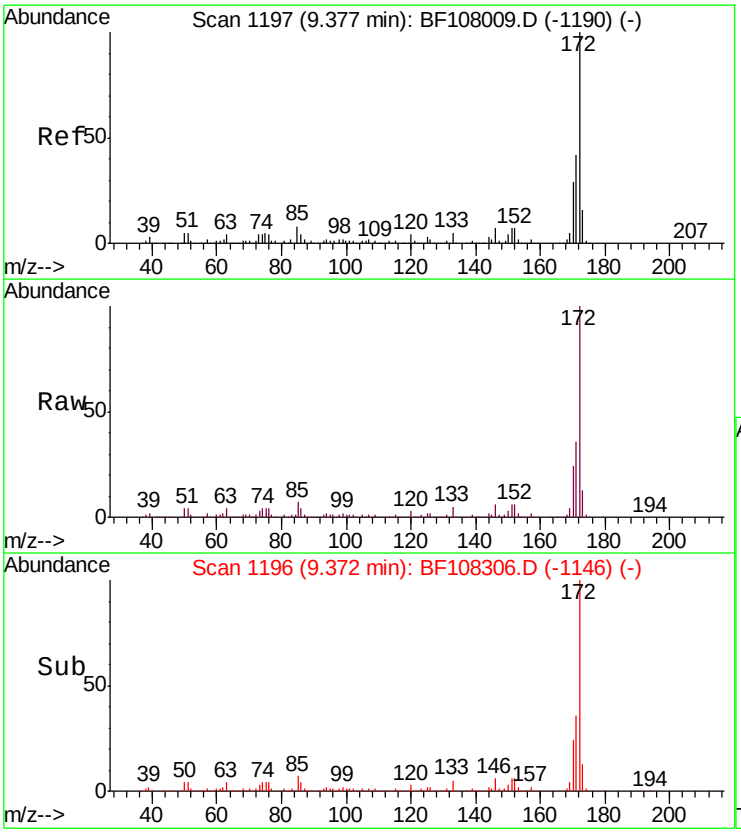
#41
2,4,6-Tribromophenol
Concen: 74.501 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:330 Resp: 207693

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.8	29.9	44.9

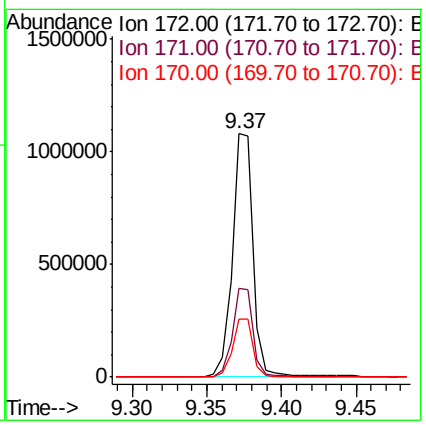


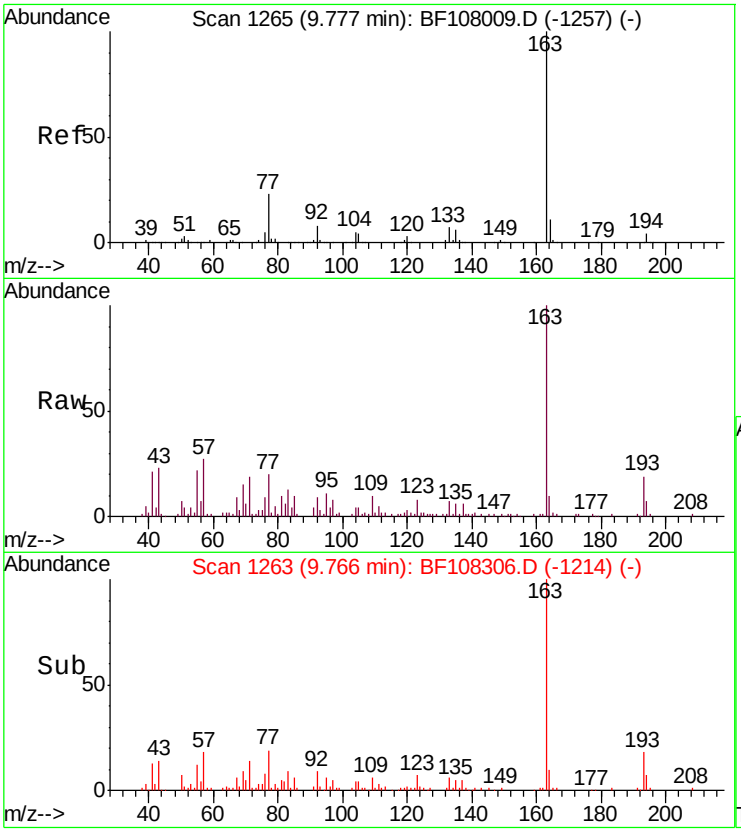


#44
2-Fluorobiphenyl
Concen: 60.953 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:172 Resp: 1061085

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



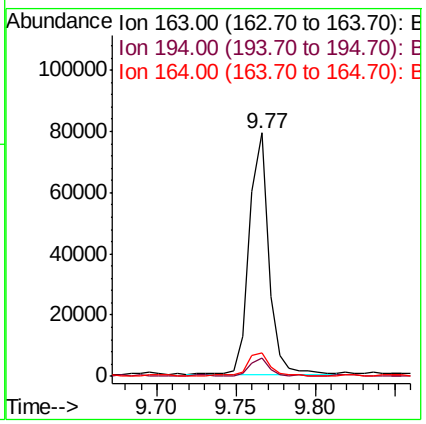


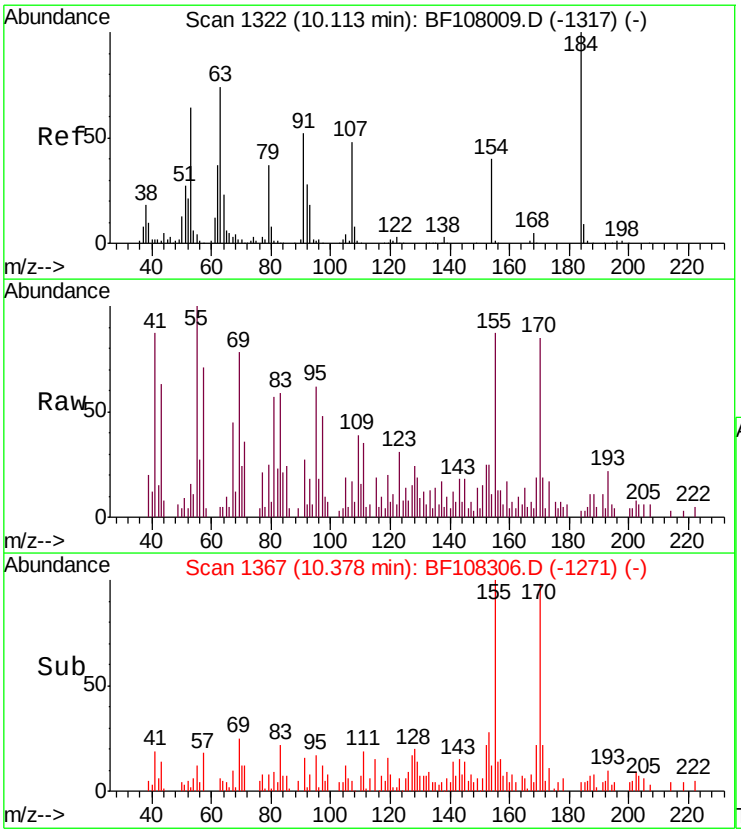
#49
Dimethylphthalate
Concen: 3.501 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:163 Resp: 68149

Ion	Ratio	Lower	Upper
163	100		
194	7.4	2.7	4.1#
164	9.6	8.2	12.2

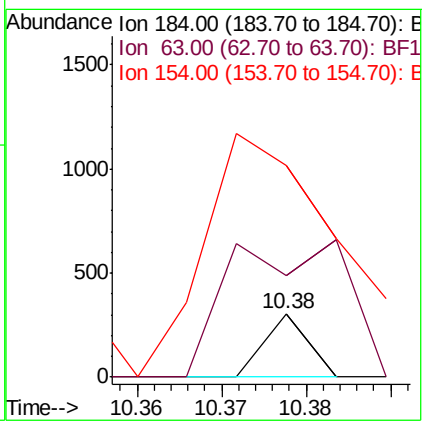


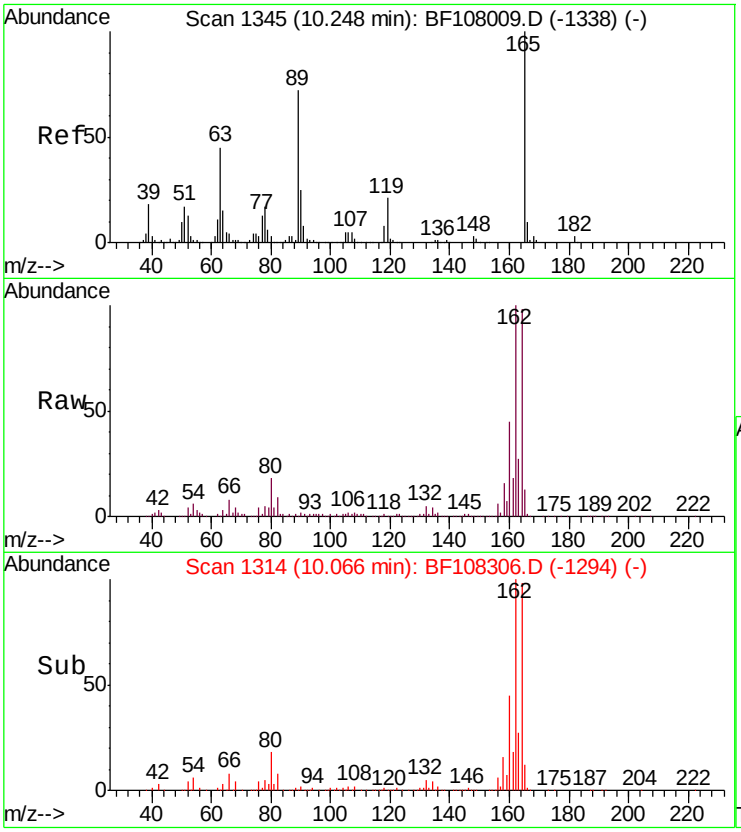


#53
2,4-Dinitrophenol
Concen: 7.085 ng
RT: 10.38 min Scan# 1367
Delta R.T. 0.27 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
63	159.7	54.2	81.2#
154	334.1	184.0	276.0#



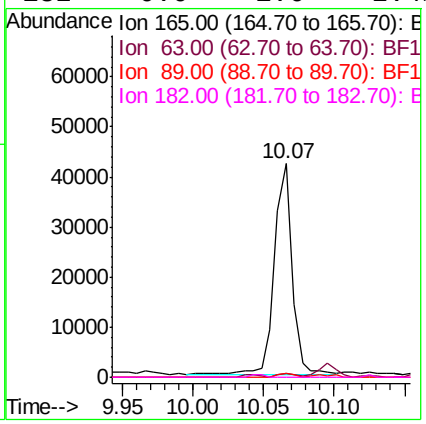


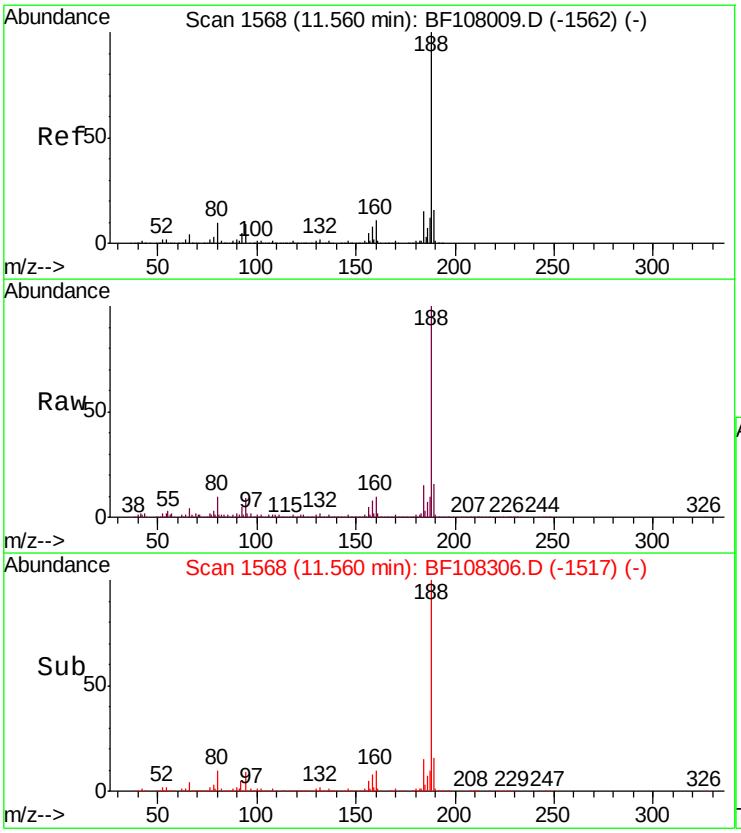
#56
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:165 Resp: 36993

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

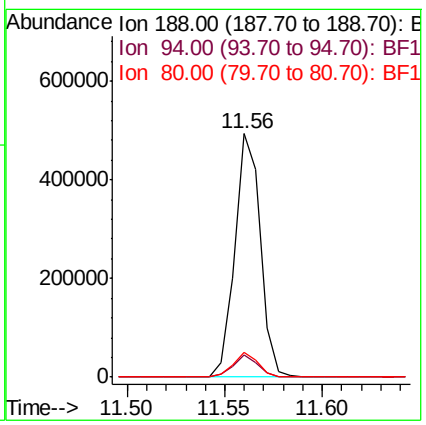


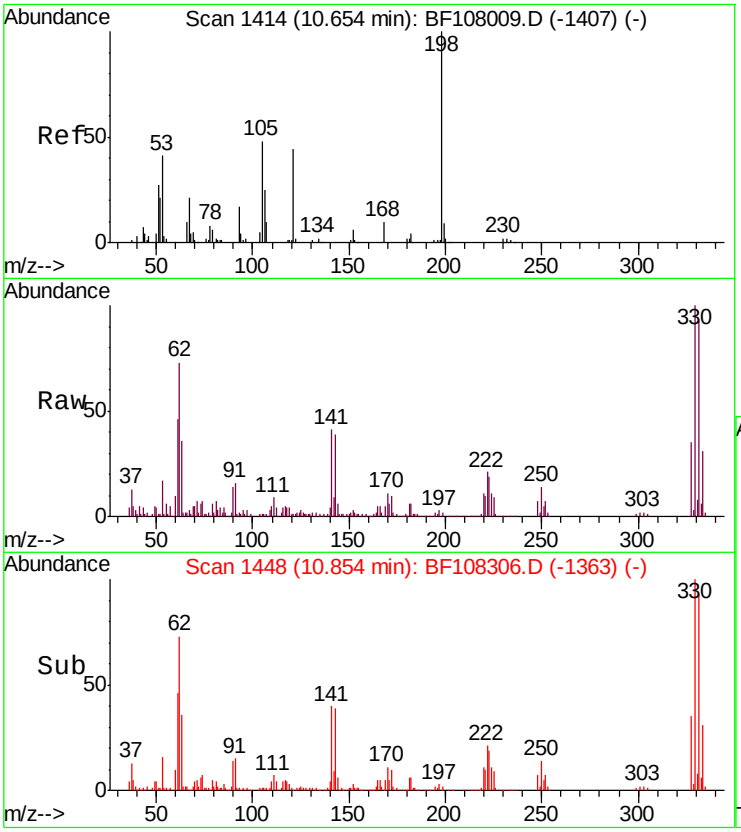


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:188 Resp: 446001

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.1	9.2	13.8



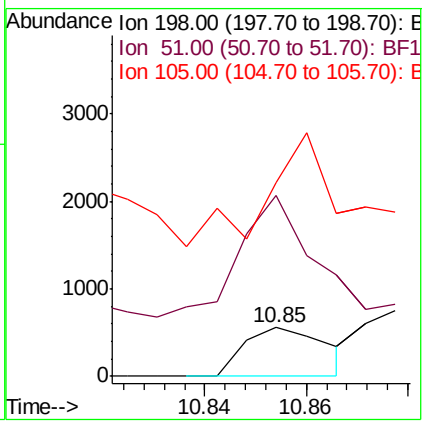


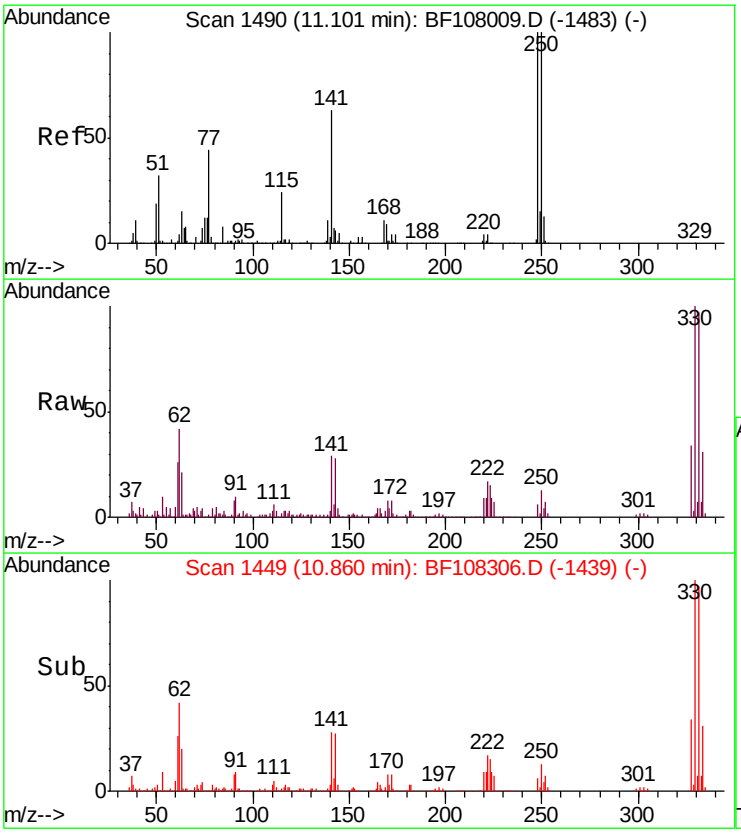
#64
4,6-Dinitro-2-methylphenol
Concen: 5.689 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:198 Resp: 622

Ion	Ratio	Lower	Upper
198	100		
51	373.2	37.7	77.7#
105	398.4	36.3	76.3#

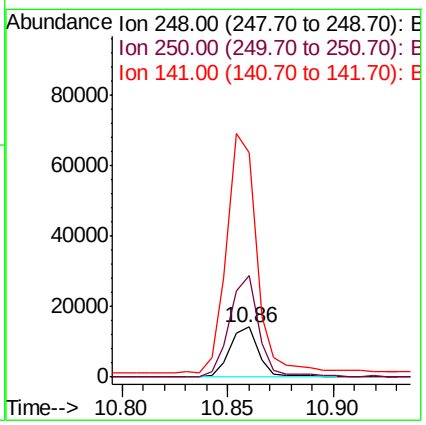


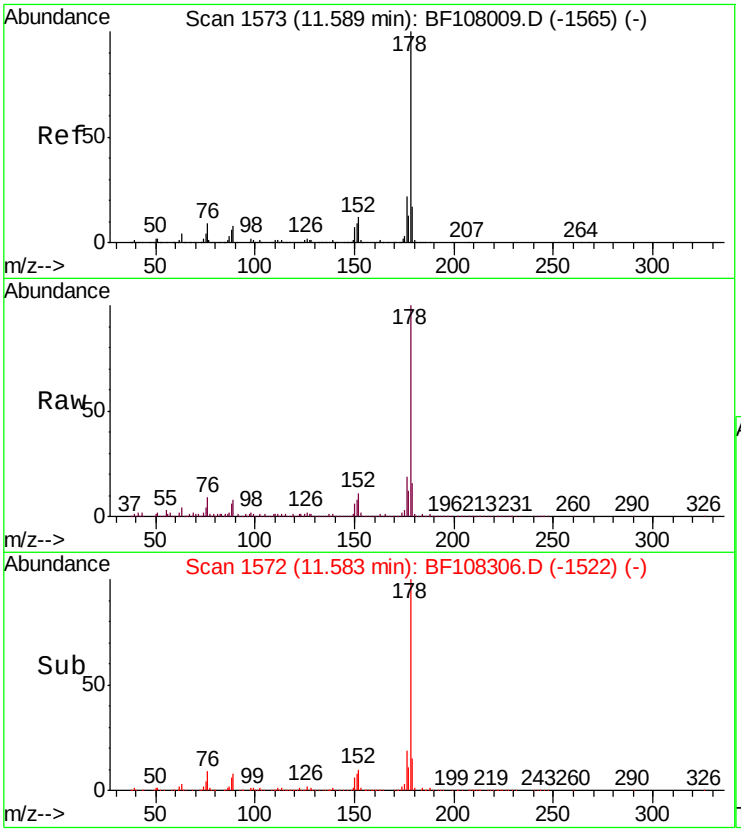


#66
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:248 Resp: 13655

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.9	115.3#
141	448.4	74.4	111.6#



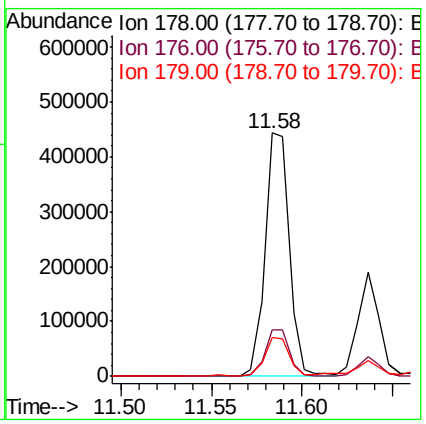


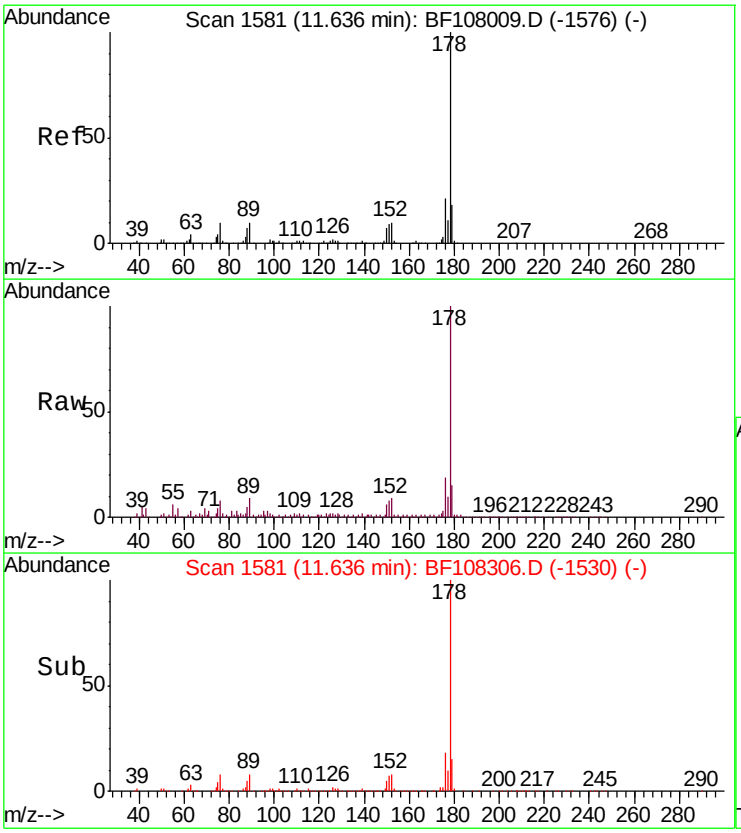
#70
Phenanthrene
Concen: 19.594 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:178 Resp: 412177

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

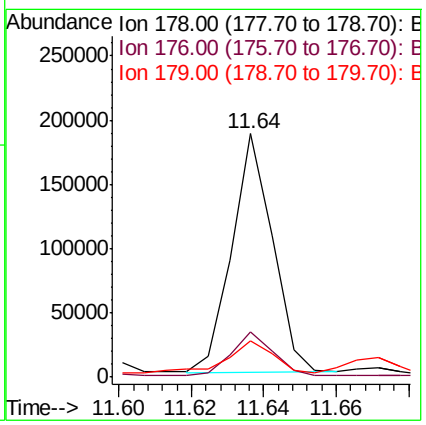


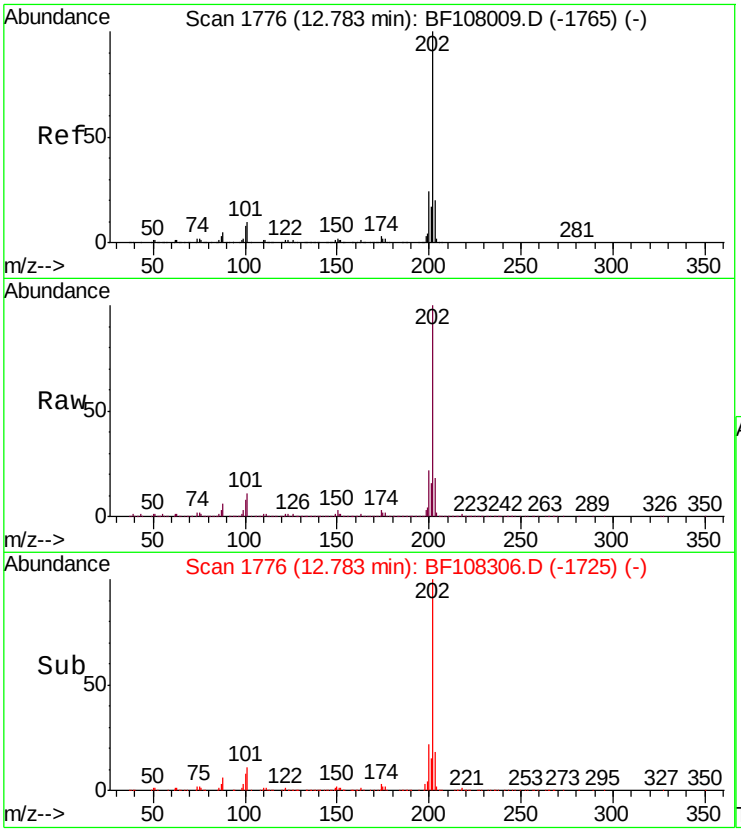


#71
Anthracene
Concen: 6.740 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:178 Resp: 145311

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0



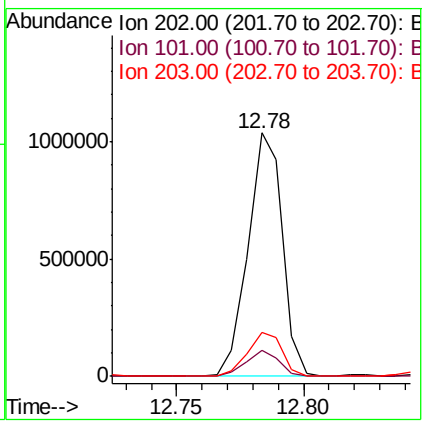


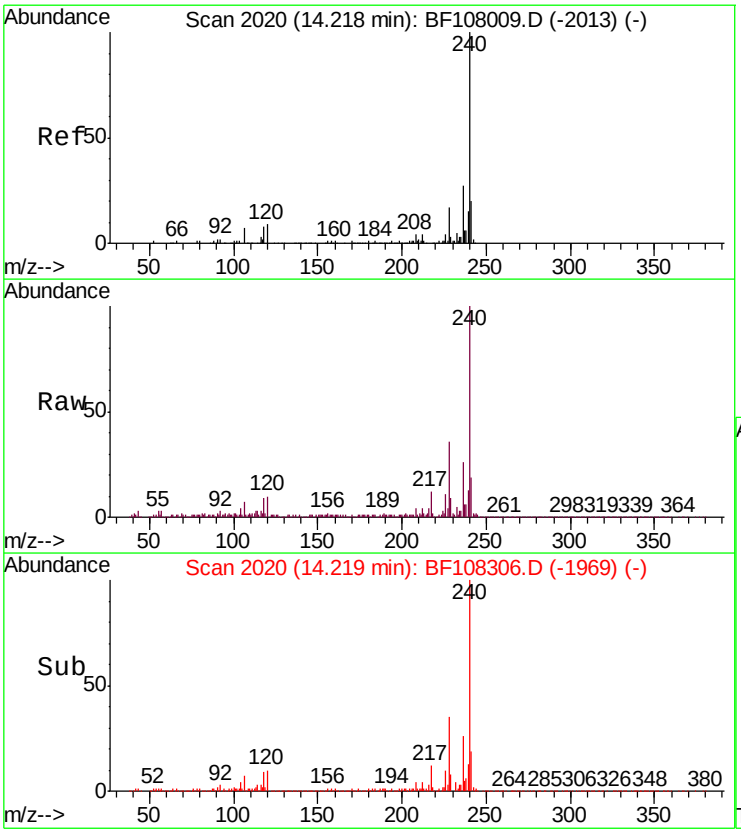
#74
Fluoranthene
Concen: 42.409 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:202 Resp: 973659

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.3	0.0	38.1

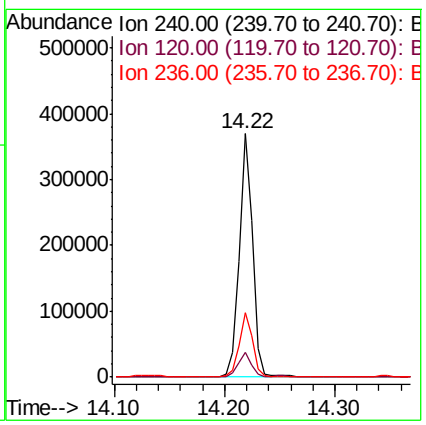


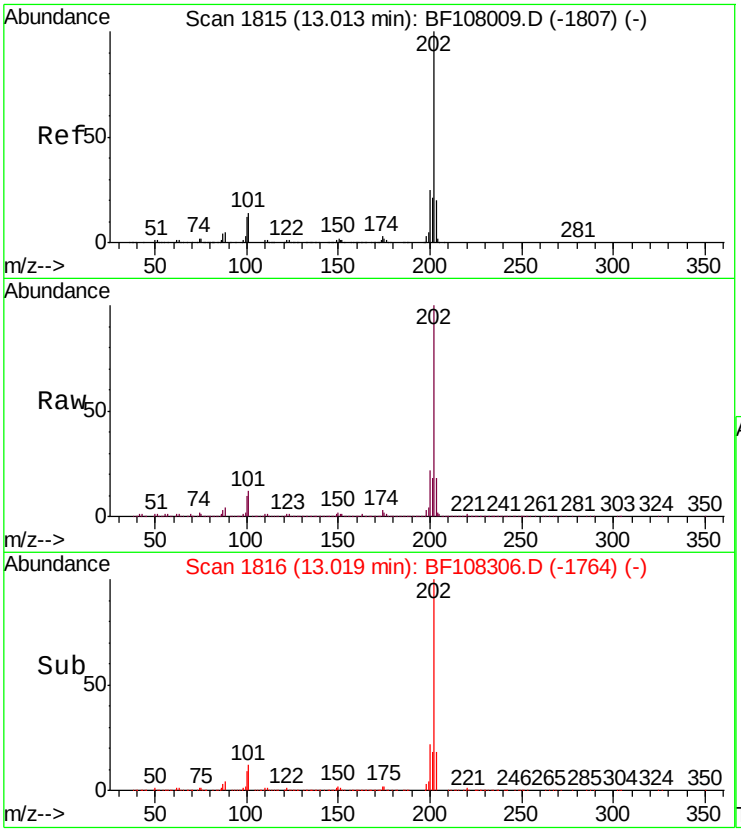


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:240 Resp: 310841

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.5	20.7	31.1



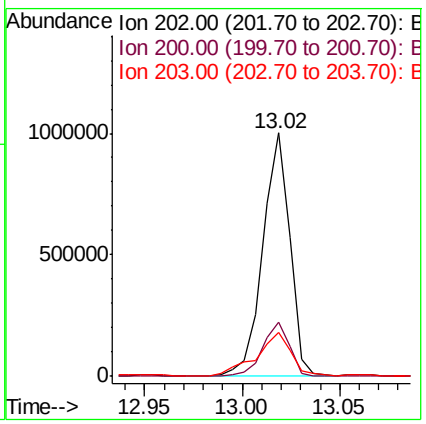


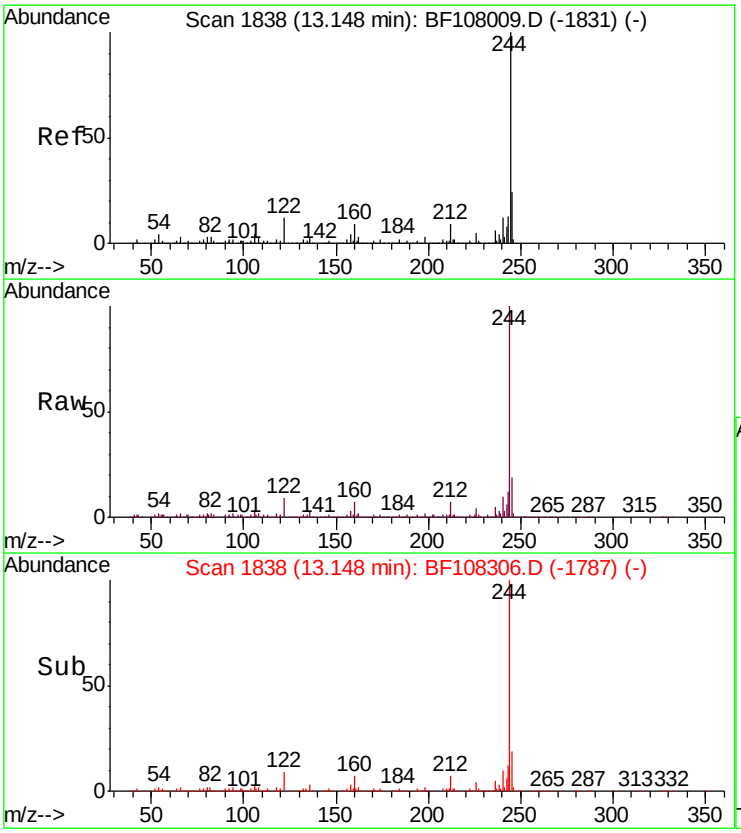
#77
Pyrene
Concen: 48.733 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:202 Resp: 959046

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.3	14.3	21.5

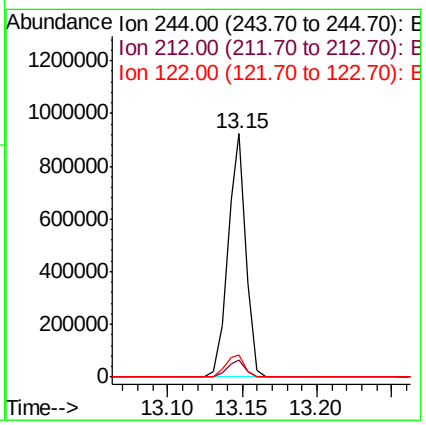


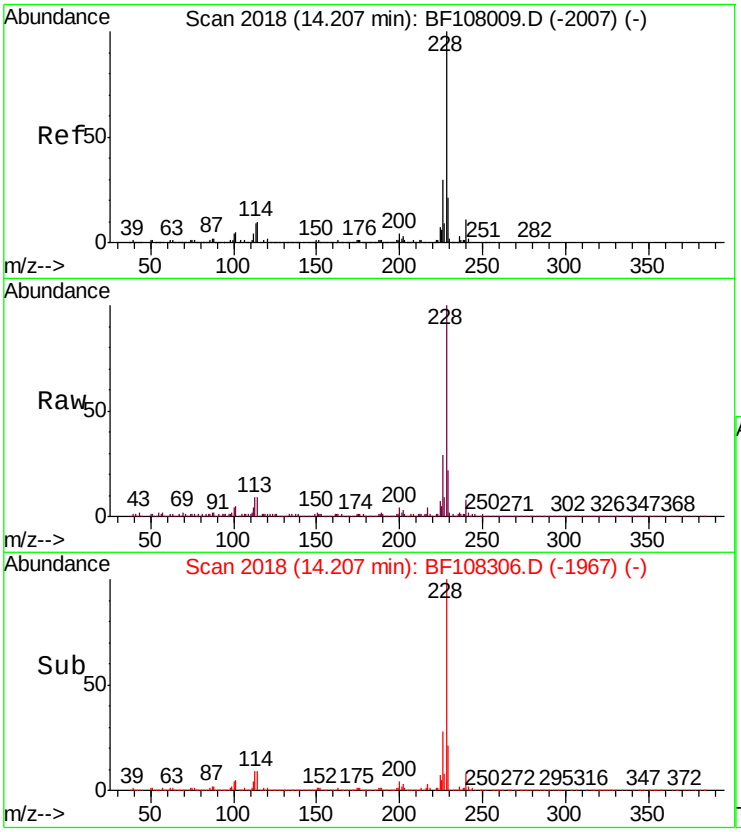


#78
Terphenyl-d14
Concen: 63.730 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:244 Resp: 779135

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.0	11.0	16.4#



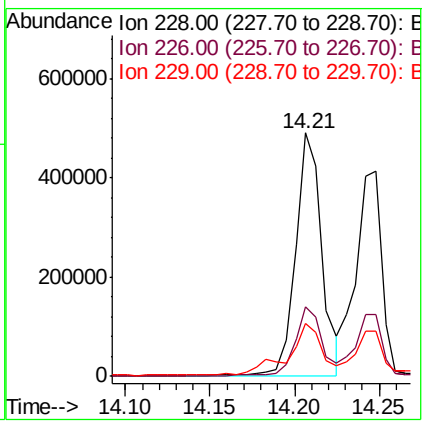


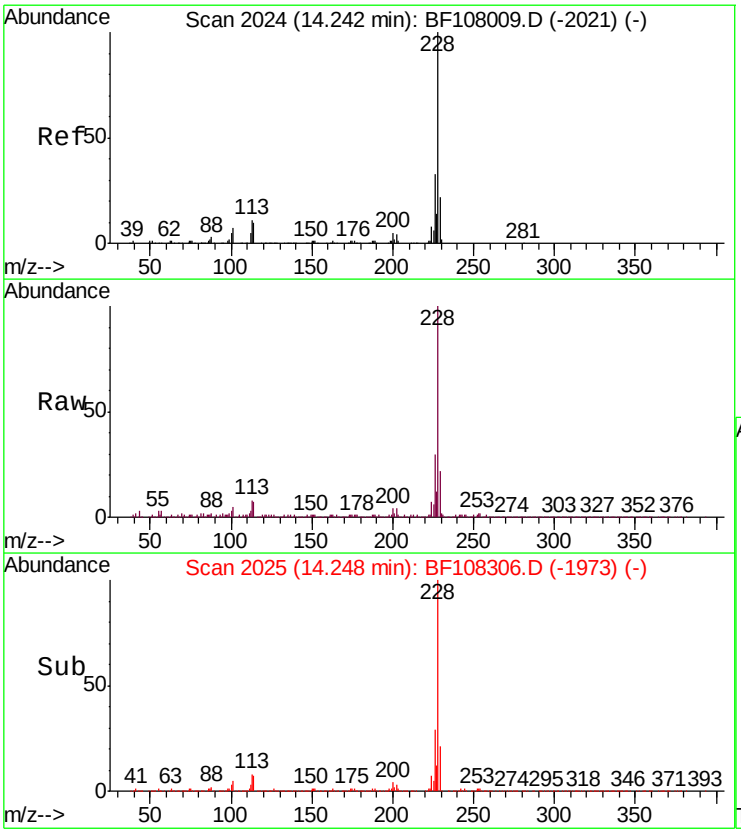
#80
Benzo(a)anthracene
Concen: 29.559 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:228 Resp: 527298

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.5	15.8	23.6

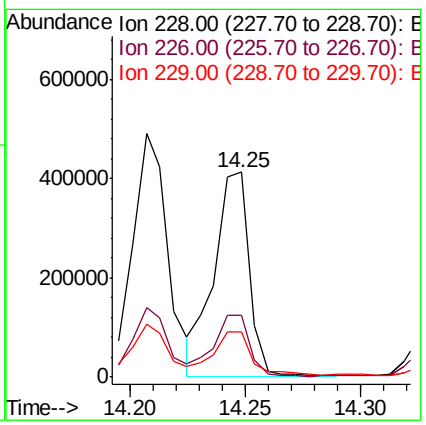


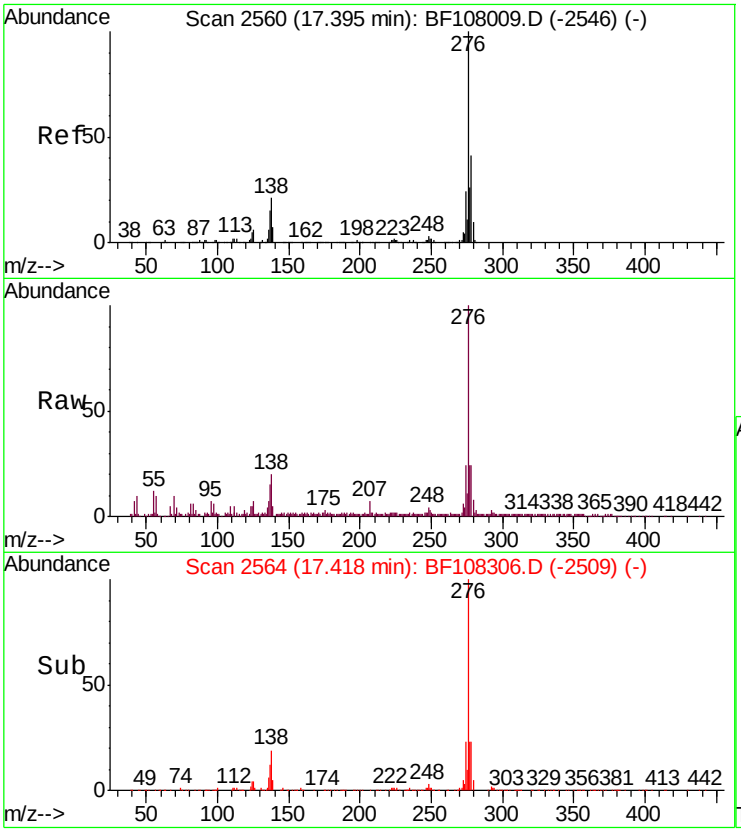


#82
Chrysene
Concen: 26.755 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:228 Resp: 437573

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.9	16.2	24.4



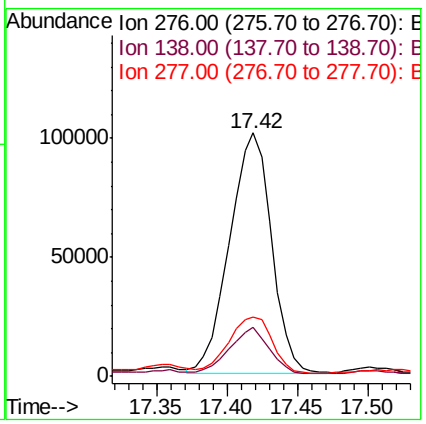


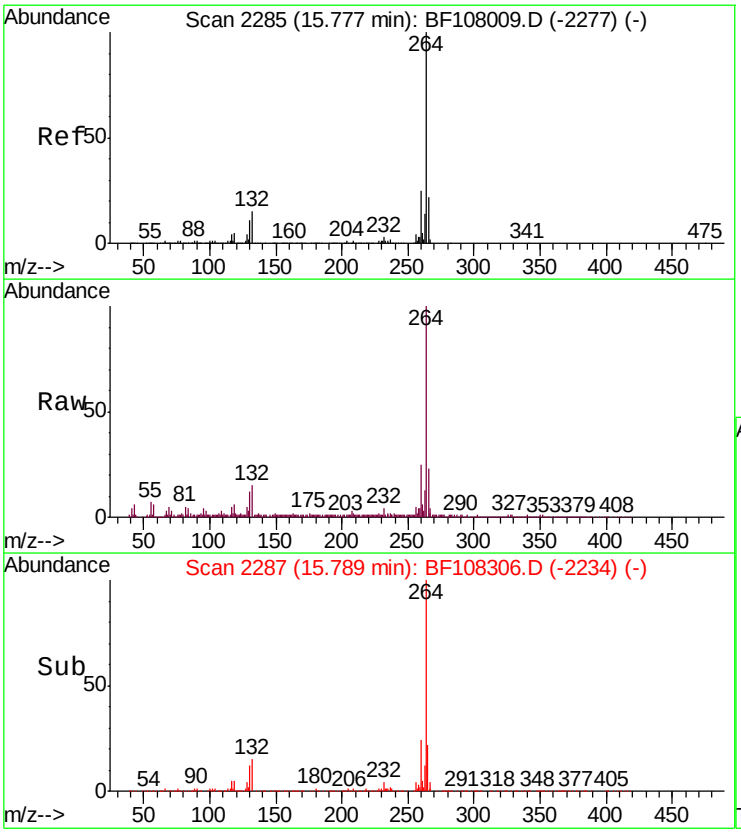
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.753 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:276 Resp: 209058

Ion	Ratio	Lower	Upper
276	100		
138	18.1	25.0	37.6#
277	24.5	20.1	30.1

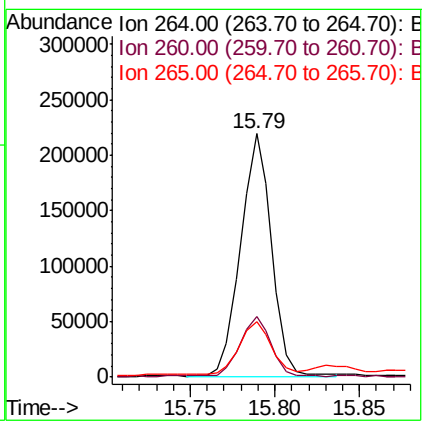


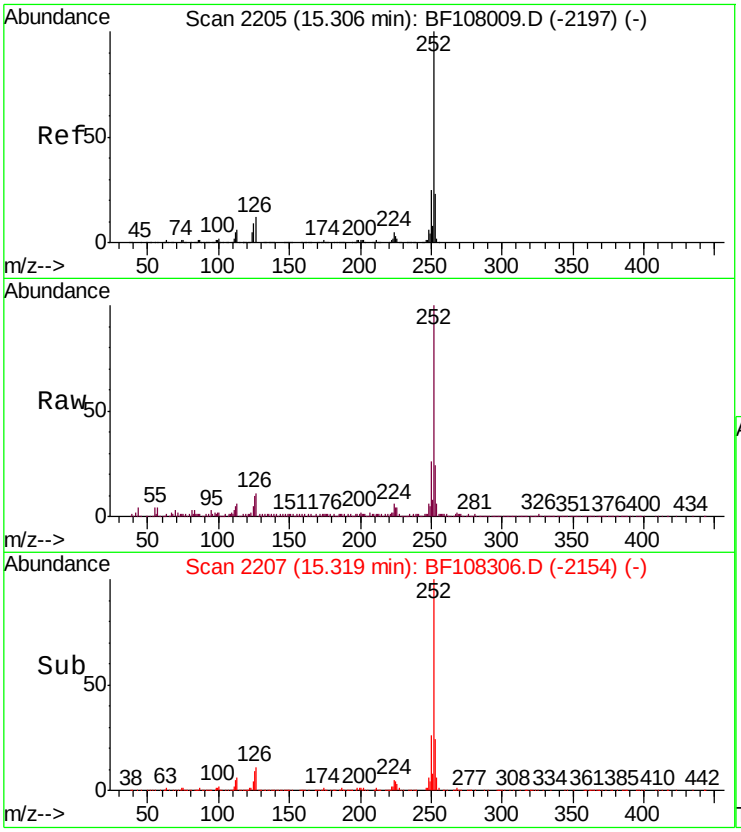


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:264 Resp: 277488

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.6	17.5	26.3



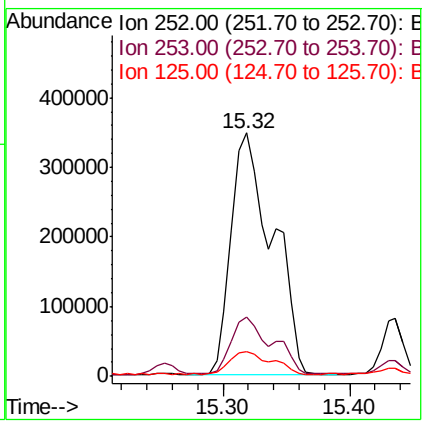


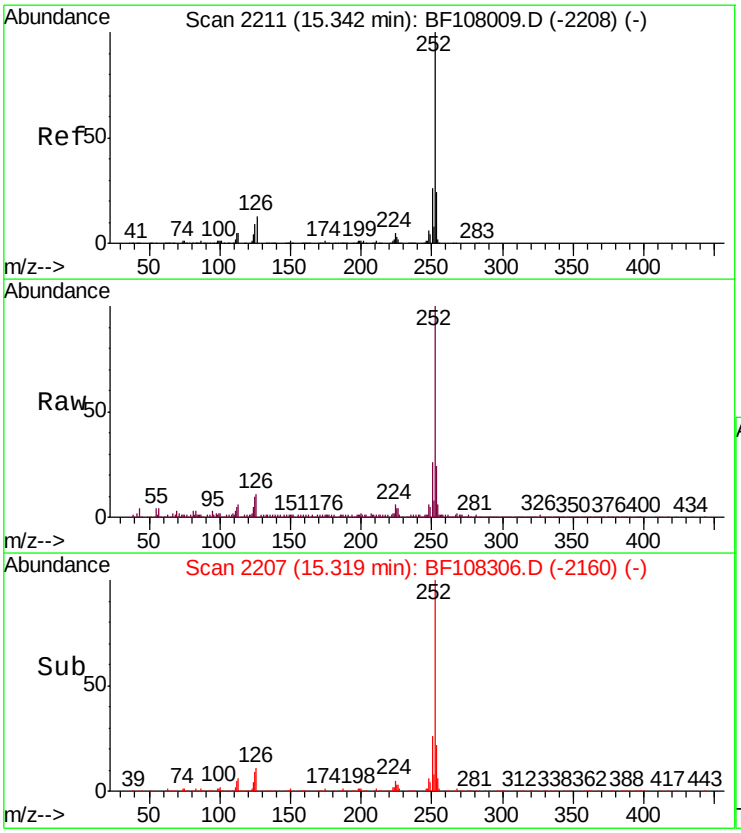
#87
Benzo(b)fluoranthene
Concen: 47.615 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:252 Resp: 789504

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	10.2	9.0	13.6

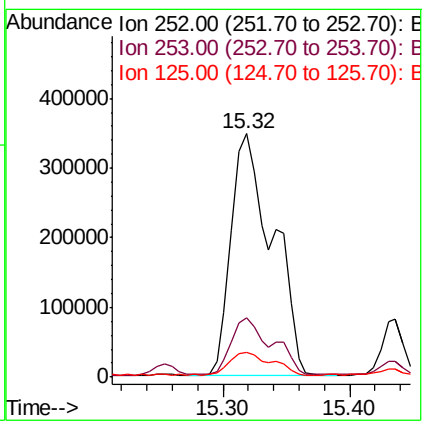


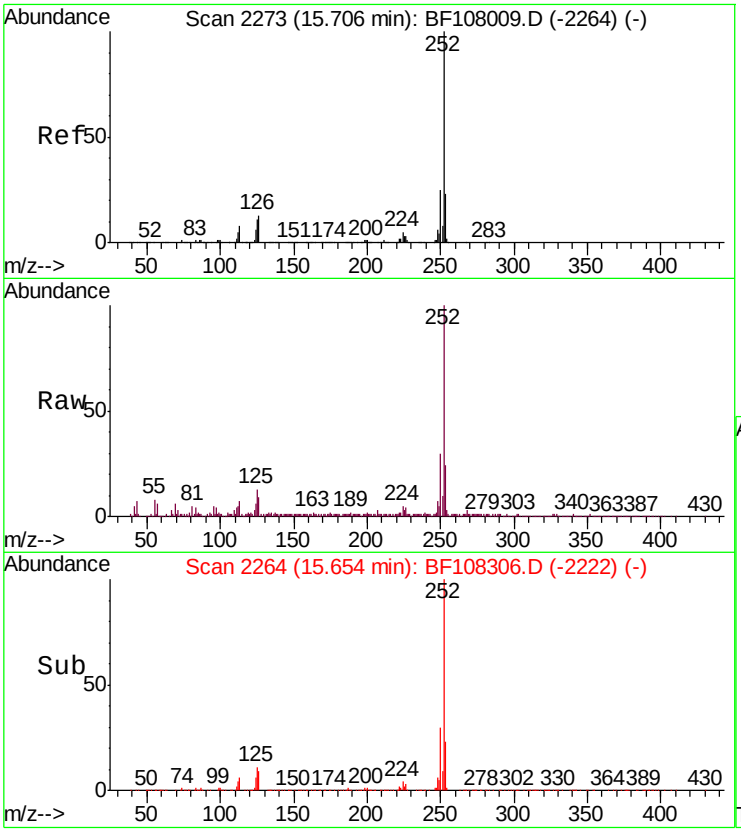


#88
Benzo(k)fluoranthene
Concen: 51.798 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:252 Resp: 789504

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	10.2	10.2	15.2



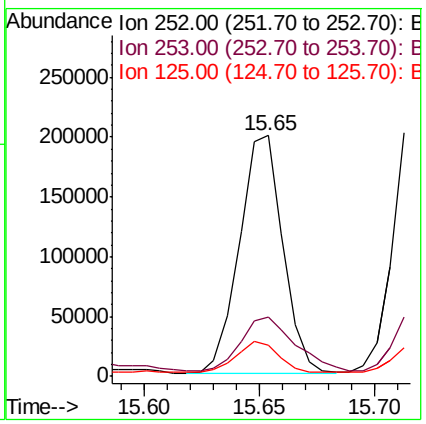


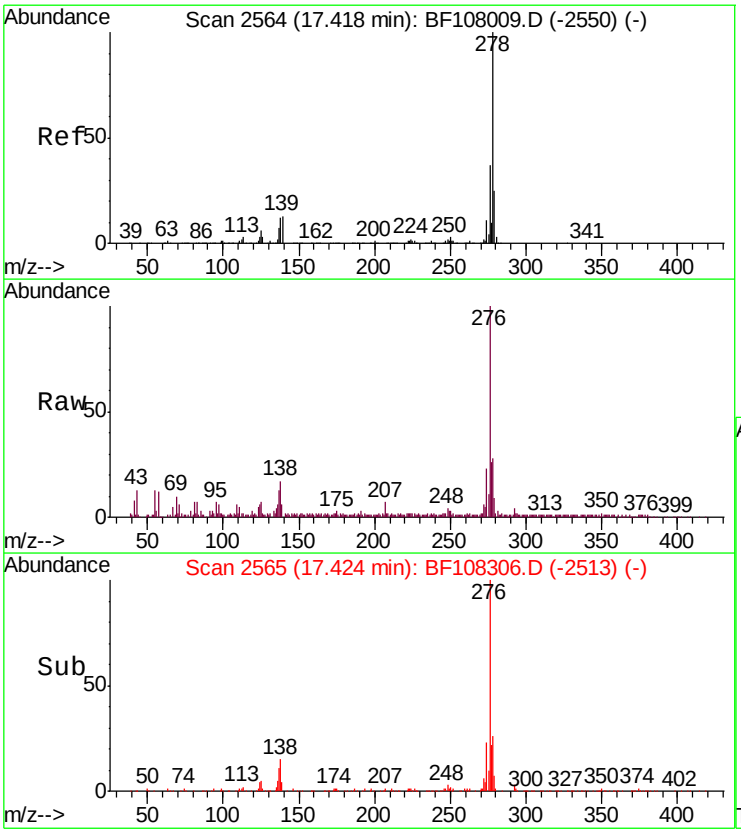
#89
Benzo(a)pyrene
Concen: 17.728 ng
RT: 15.65 min Scan# 2264
Delta R.T. -0.05 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:252 Resp: 263221

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	12.7	9.8	14.6

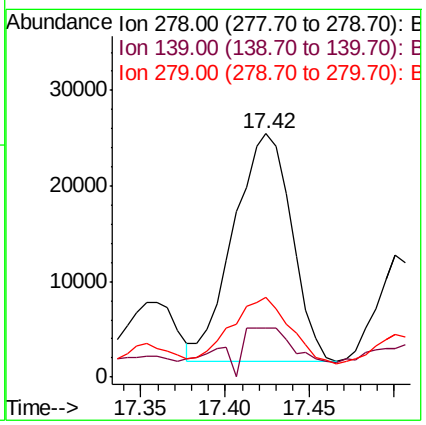


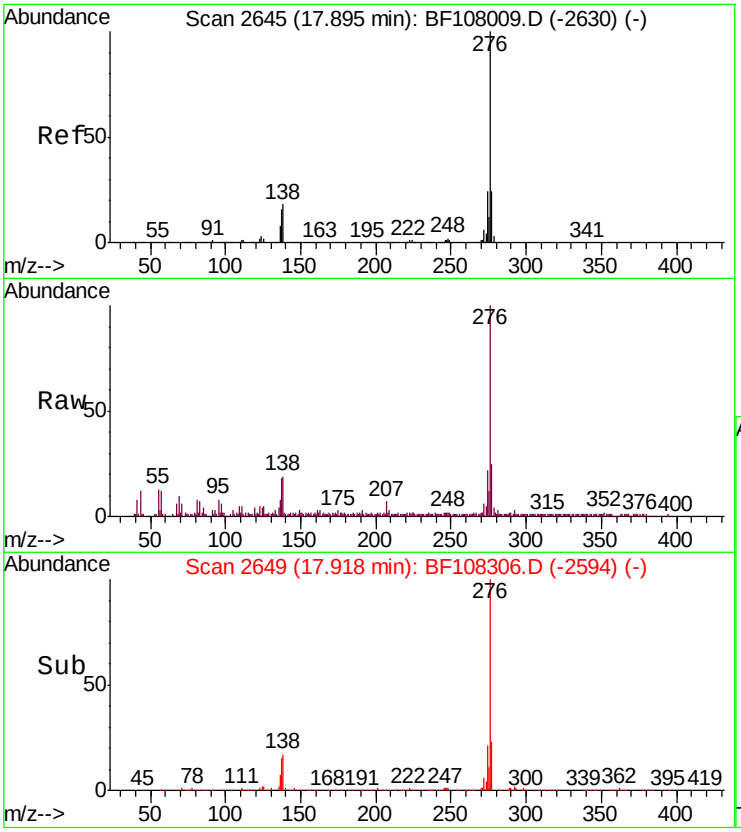


#90
Dibenzo(a,h)anthracene
Concen: 4.612 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Tgt Ion:278 Resp: 56654

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	32.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 15.477 ng
RT: 17.92 min Scan# 2649
Delta R.T. 0.02 min
Lab File: BF108306.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_F
ClientSampleId :
72-11990

Tgt Ion:276 Resp: 187231

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	18.8	21.8	32.8#