Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108068.D
Acq On : 9 Aug 2018 23:18
Operator : JU/SJ
Sample : J4388-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-3B

Quant Time: Aug 10 01:11:25 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	7.01	152	280611	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1026126	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	478910	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	769525	20.00	ng		0.00
75) Chrysene-d12	14.21	240	657922	20.00	ng		0.00
86) Perylene-d12	15.77	264	504725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1577736	101.79	ng		0.00
7) Phenol-d6	6.63	99	2136505	103.73	ng		0.00
23) Nitrobenzene-d5	7.58	82	1379008	74.99	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	458017	95.88	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2168218	72.69	ng		0.00
78) Terphenyl-d14	13.15	244	1793455	69.31	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	191572	13.754	ng	#	84
25) Isophorone	7.58	82	1378991	39.344	ng	#	64
32) Benzoic acid	8.07	122	273	6.001	ng	#	41
49) Dimethylphthalate	9.77	163	406949	12.199	ng		99
56) 2,4-Dinitrotoluene	10.06	165	61488	6.844	ng	#	24
57) Fluorene	10.61	166	68121	2.198	ng		98
64) 4,6-Dinitro-2-methylphenol	10.85	198	1193	5.725	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	30942	3.700	ng	#	1
70) Phenanthrene	11.58	178	908066	25.019	ng		99
71) Anthracene	11.63	178	192077	5.163	ng		98
72) Carbazole	11.78	167	107705	3.259	ng		99
74) Fluoranthene	12.78	202	1316581	33.237	ng		96
77) Pyrene	13.01	202	1079320	25.912	ng		100
80) Benzo(a)anthracene	14.20	228	528601	14.000	ng		98
82) Chrysene	14.24	228	474763	13.715	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	170011	5.668	ng	#	89
87) Benzo(b)fluoranthene	15.30	252	711591	23.594	ng		97
88) Benzo(k)fluoranthene	15.42	252	72211	2.605	ng		96
89) Benzo(a)pyrene	15.81	252	95458	3.535	ng		95
91) Benzo(g,h,i)perylene	17.88	276	159094	7.230	ng	#	89

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

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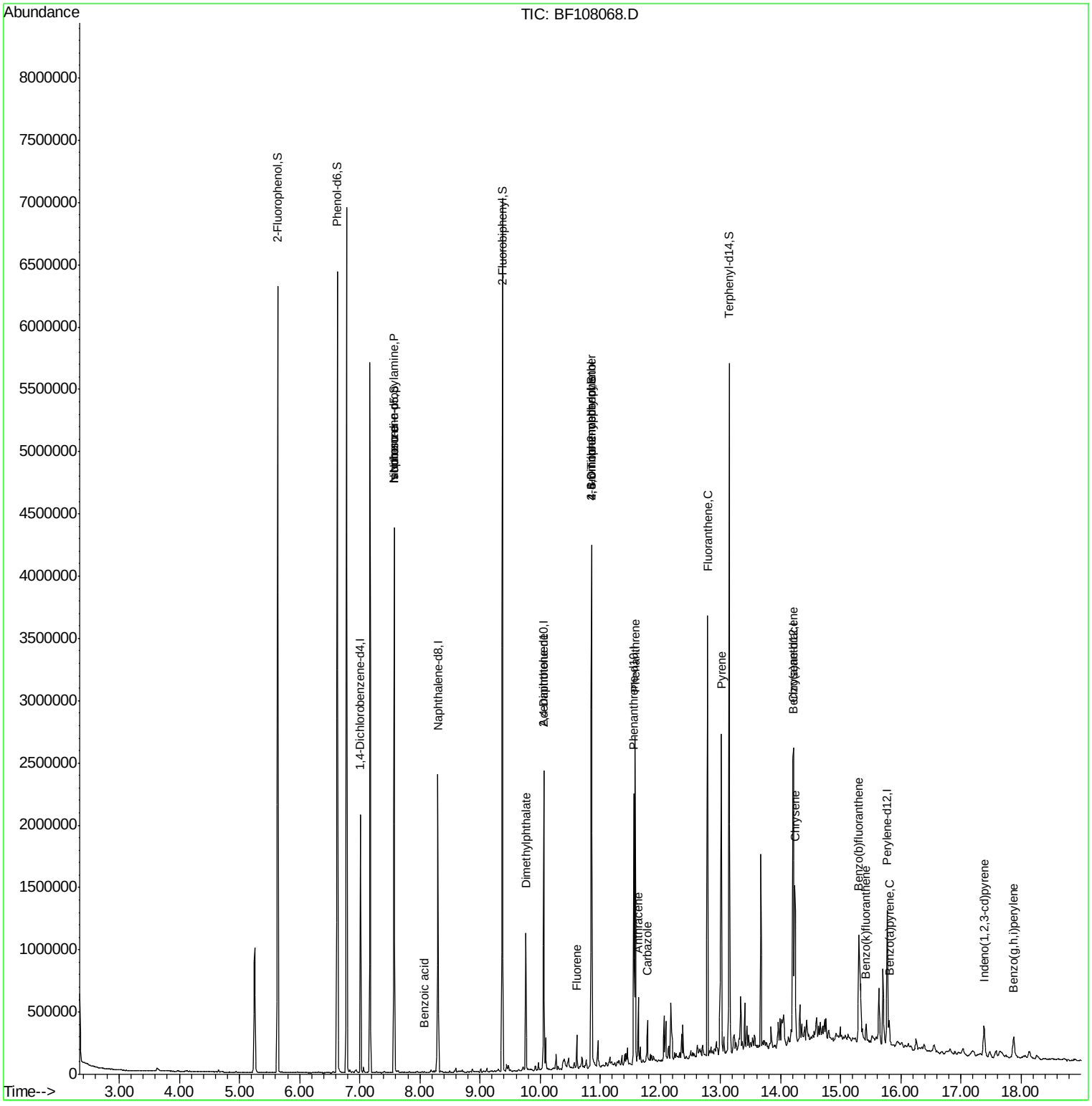
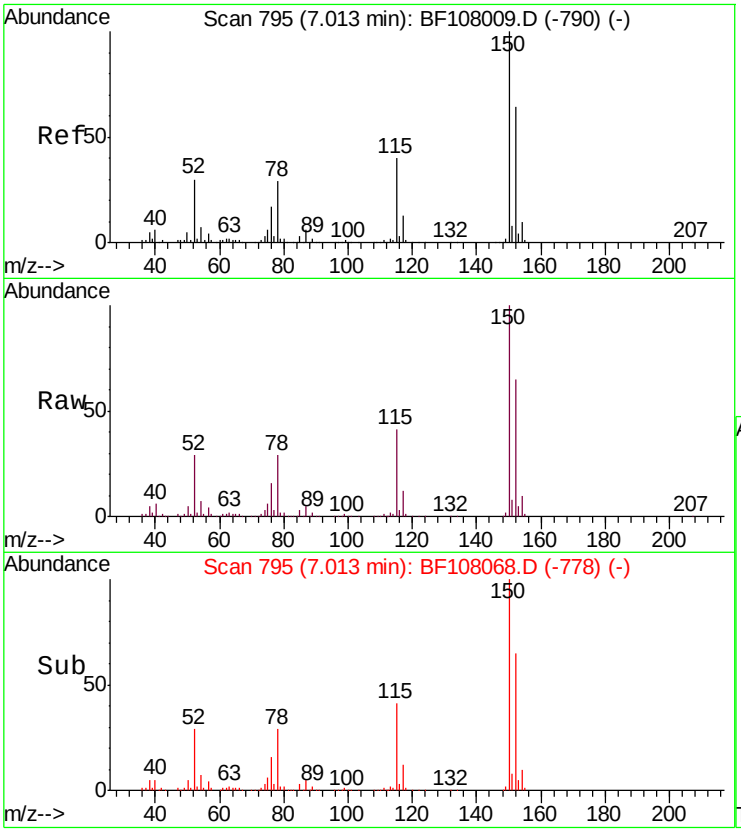


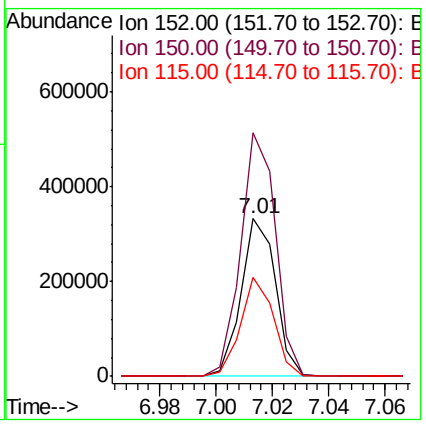


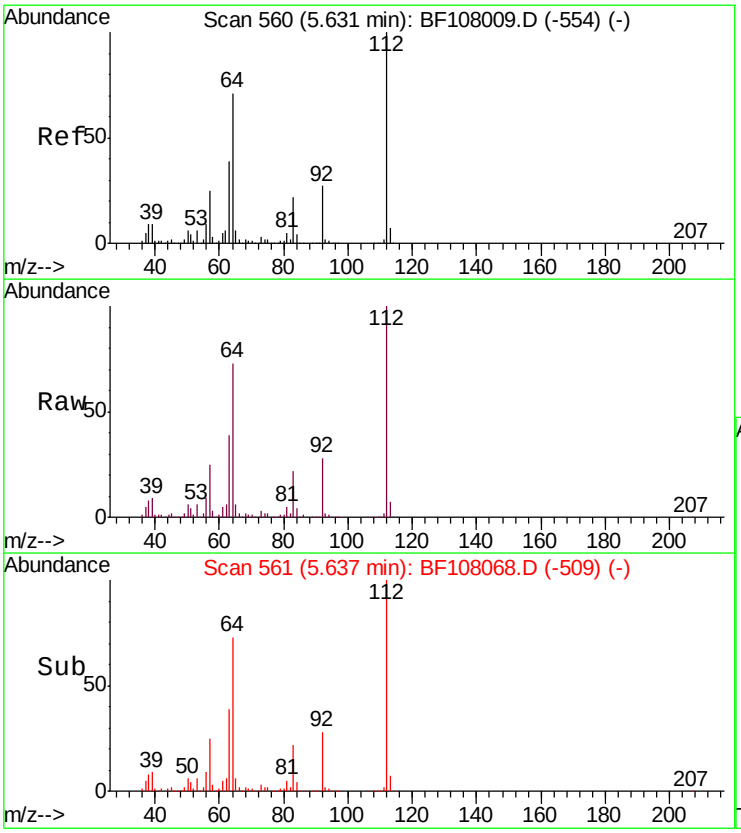
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:152 Resp: 280611

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.9	50.1	75.1

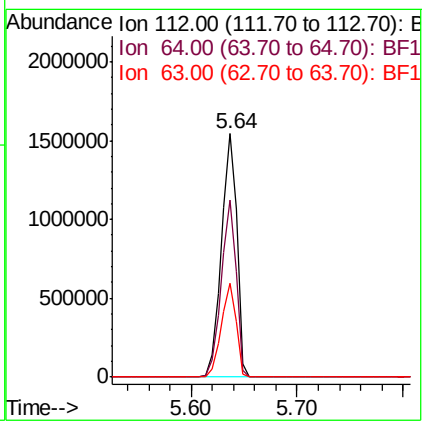


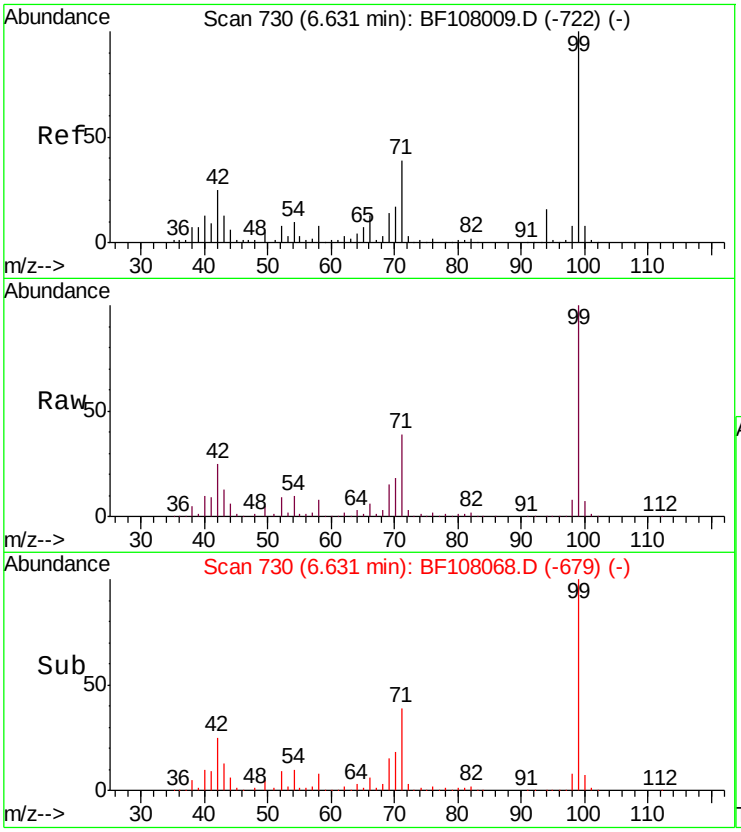


#5
2-Fluorophenol
Concen: 101.793 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:112 Resp: 1577736

Ion	Ratio	Lower	Upper
112	100		
64	72.7	47.9	71.9#
63	38.6	23.7	35.5#



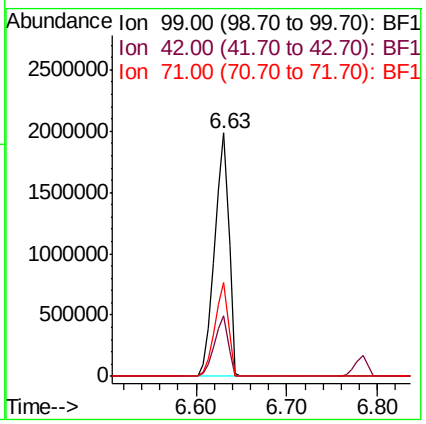


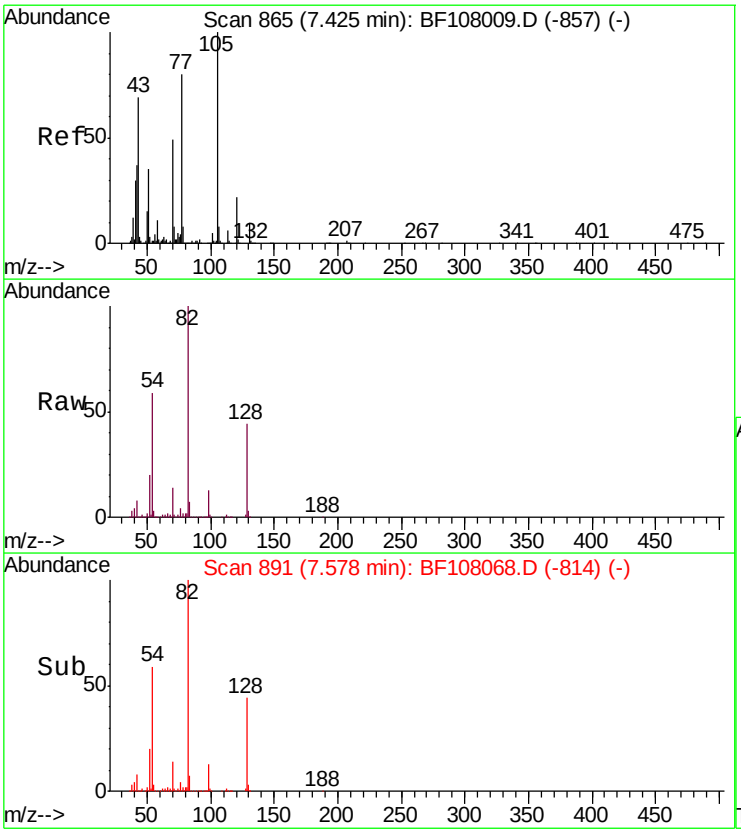
#7
Phenol-d6
Concen: 103.730 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion: 99 Resp: 2136505

Ion	Ratio	Lower	Upper
99	100		
42	25.0	14.5	21.7#
71	38.7	25.4	38.0#

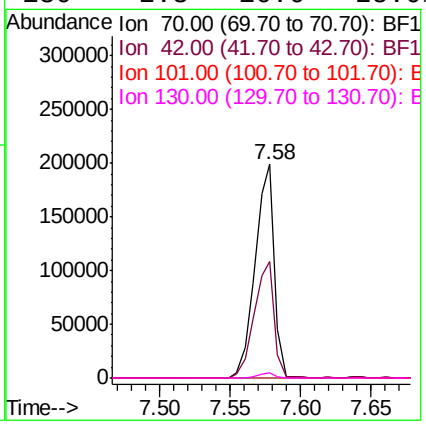


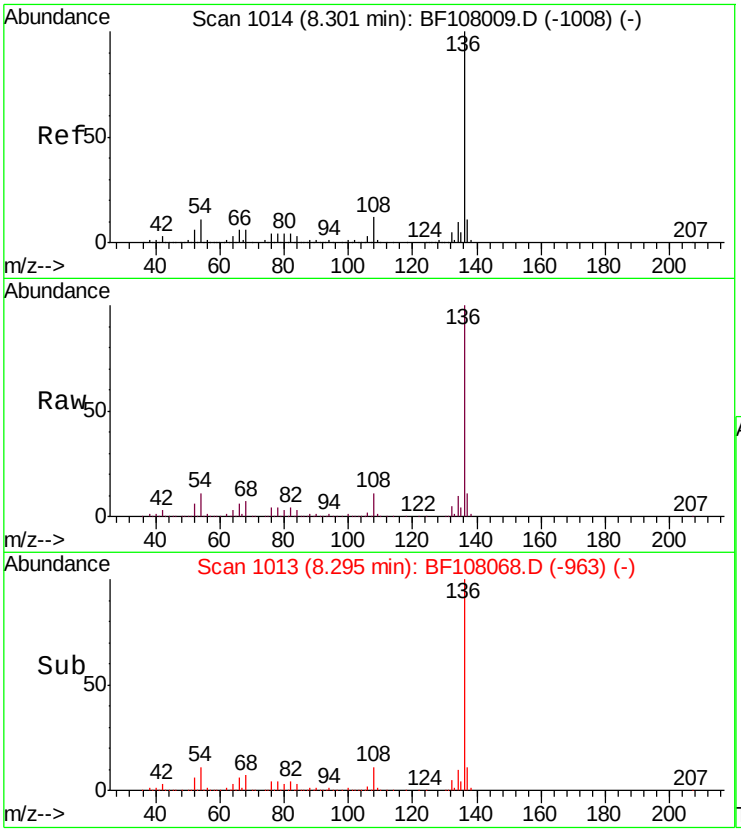


#19
n-Nitroso-di-n-propylamine
Concen: 13.754 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion: 70 Resp: 191572

Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



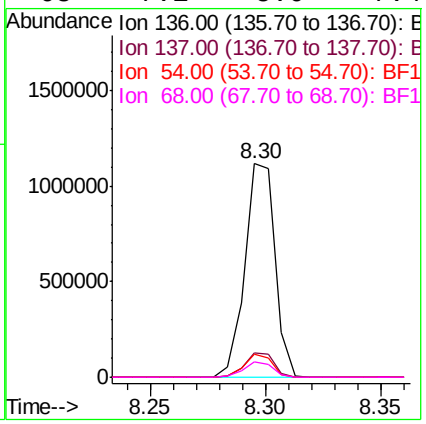


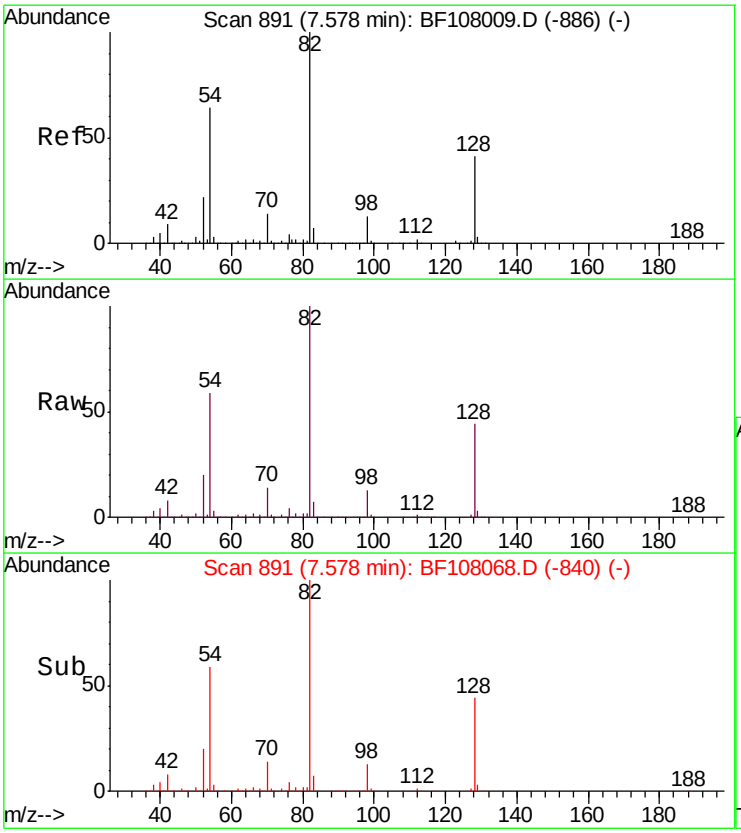
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:136 Resp: 1026126

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.0	6.6	9.8#
68	7.1	5.0	7.4

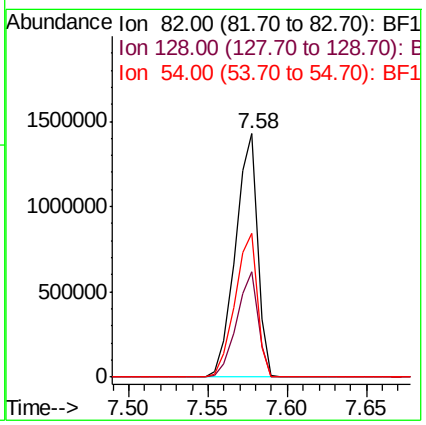


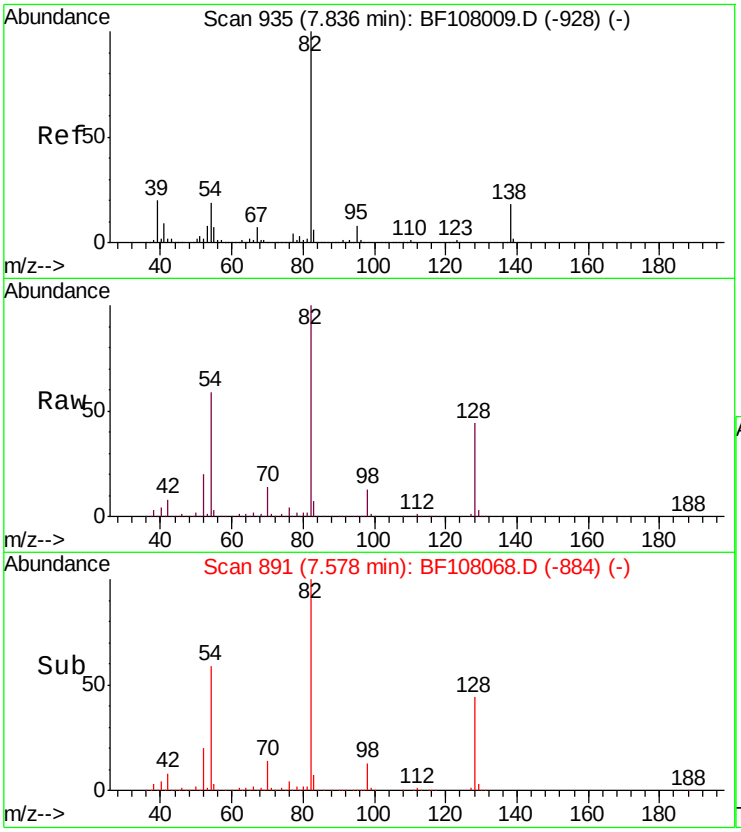


#23
Nitrobenzene-d5
Concen: 74.991 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion: 82 Resp: 1379008

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	59.2	41.4	62.2



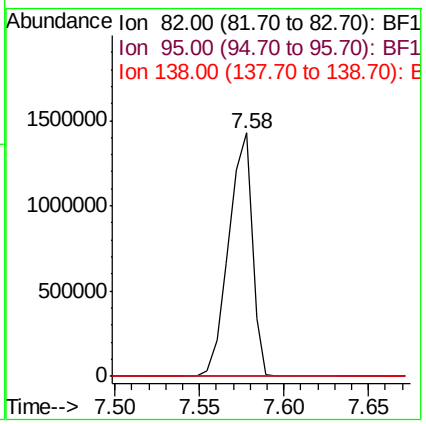


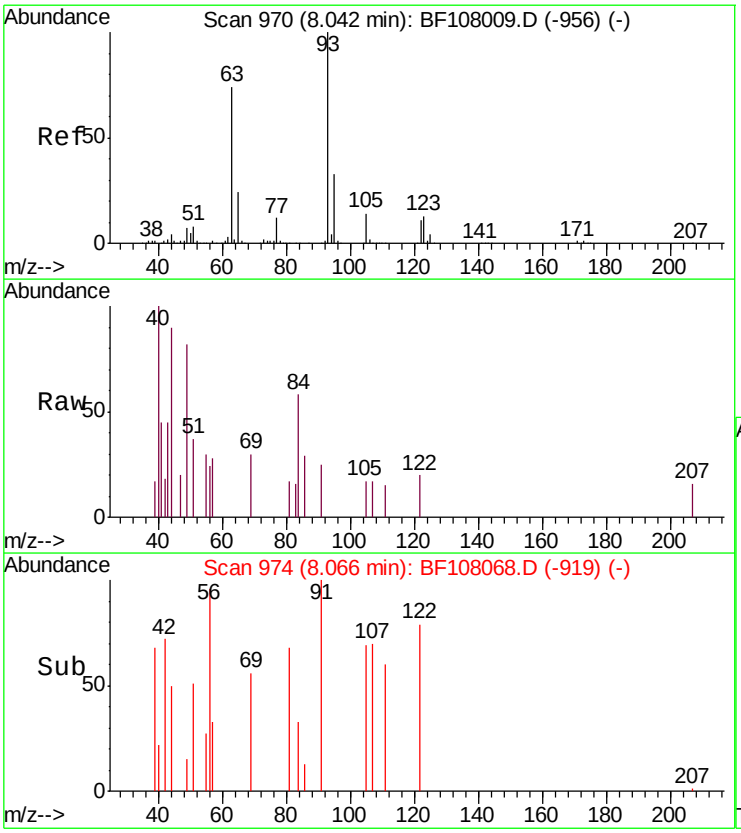
#25
Isophorone
Concen: 39.344 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion: 82 Resp: 1378991

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

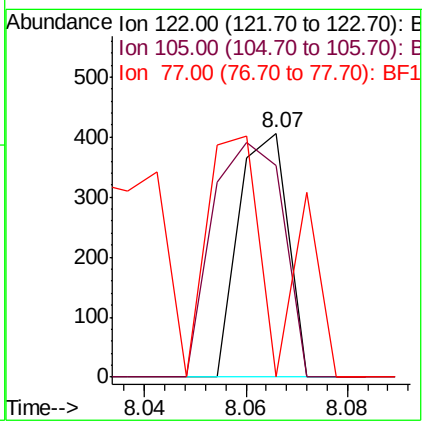


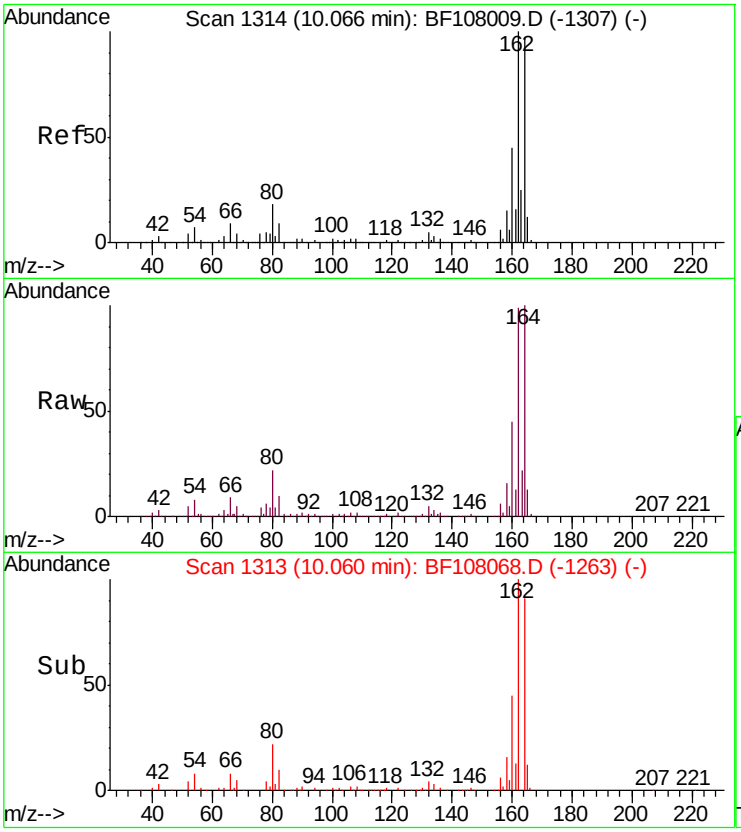


#32
Benzoic acid
Concen: 6.001 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:122 Resp: 273

Ion	Ratio	Lower	Upper
122	100		
105	86.9	101.1	141.1#
77	0.0	70.7	110.7#



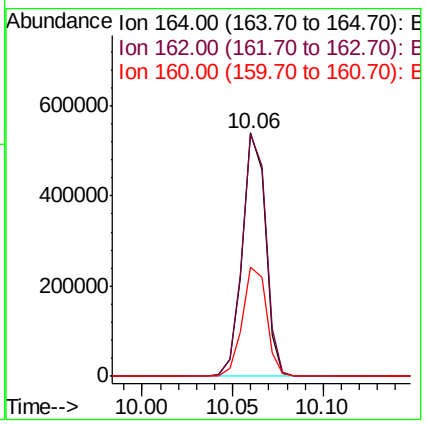


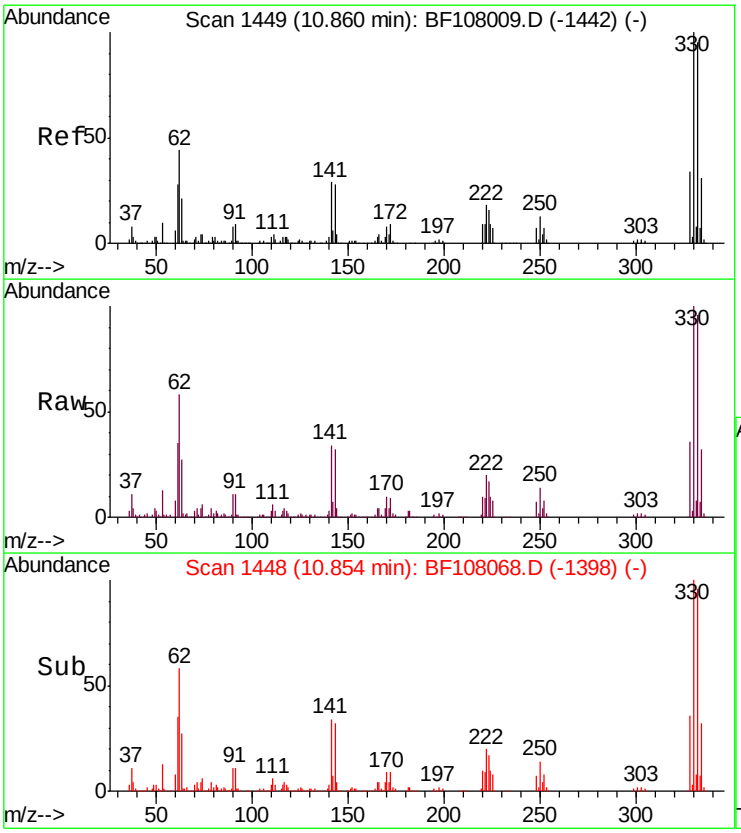
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:164 Resp: 478910

Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	44.9	38.3	57.5

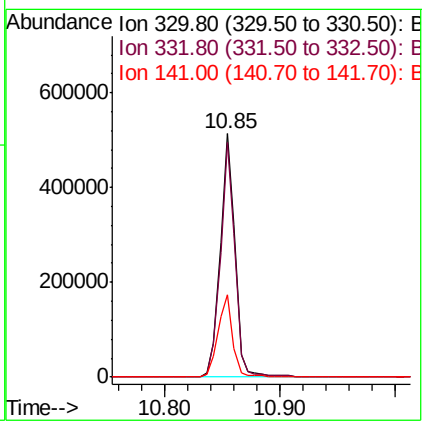


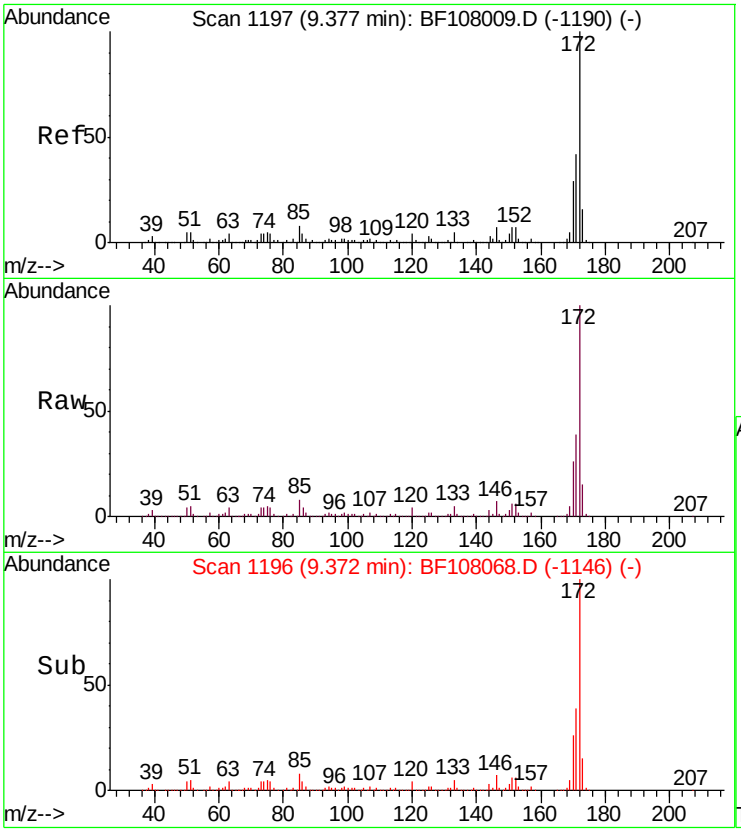


#41
2,4,6-Tribromophenol
Concen: 95.880 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:330 Resp: 458017

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.7	29.9	44.9



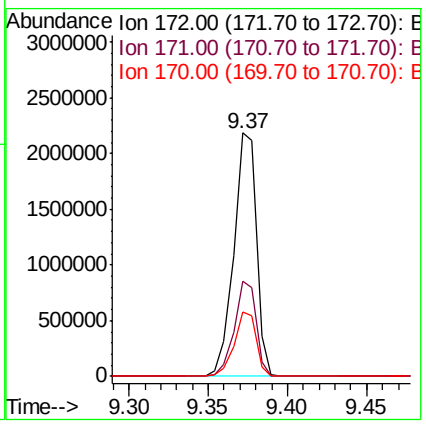


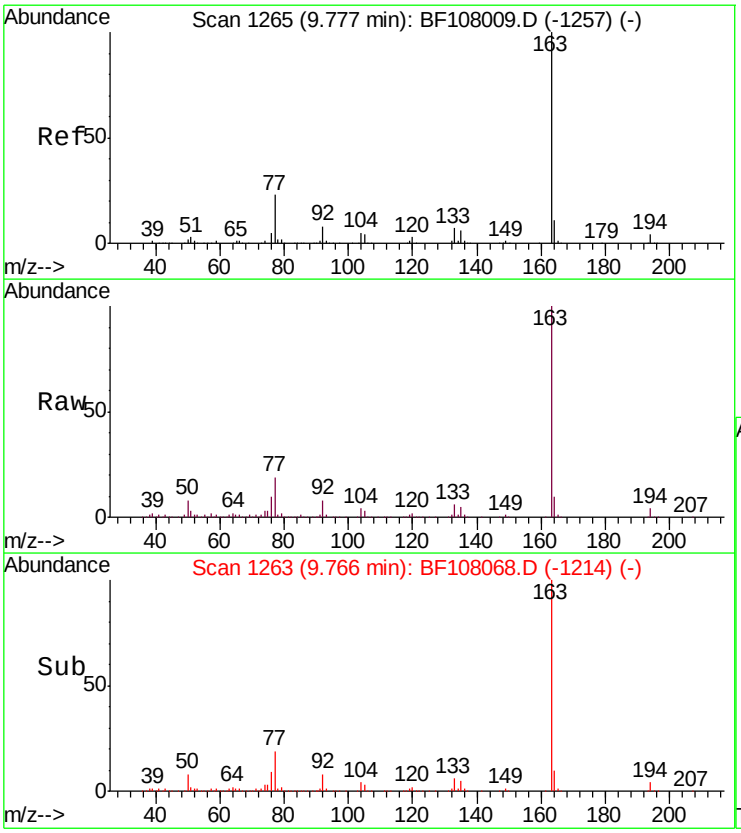
#44
2-Fluorobiphenyl
Concen: 72.686 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:172 Resp: 2168218

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.7	44.5
170	26.3	19.6	29.4

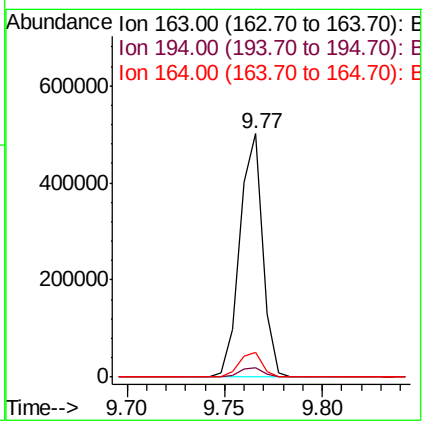


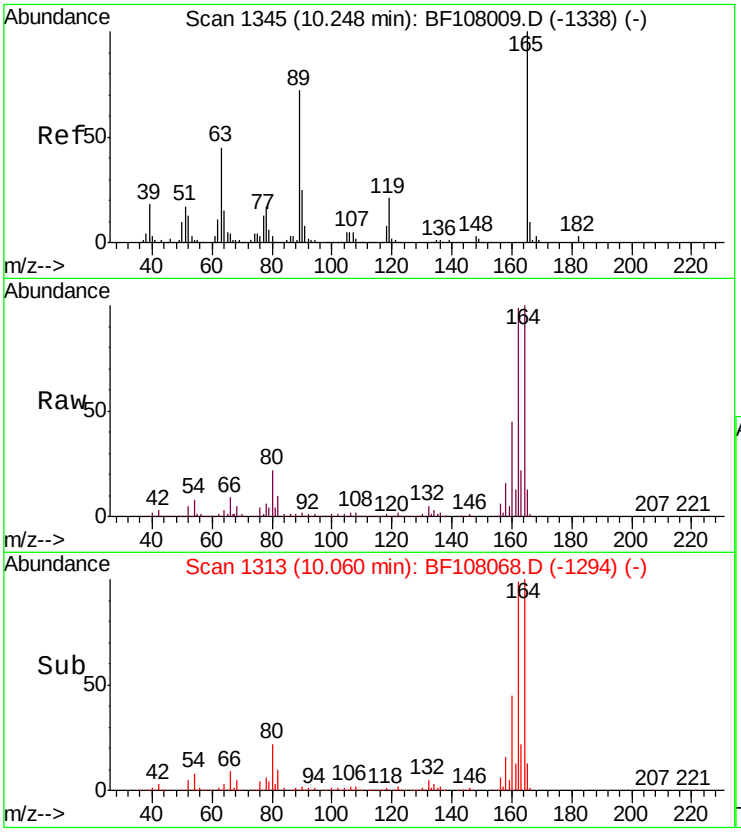


#49
Dimethylphthalate
Concen: 12.199 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:163 Resp: 406949

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.0	8.2	12.2



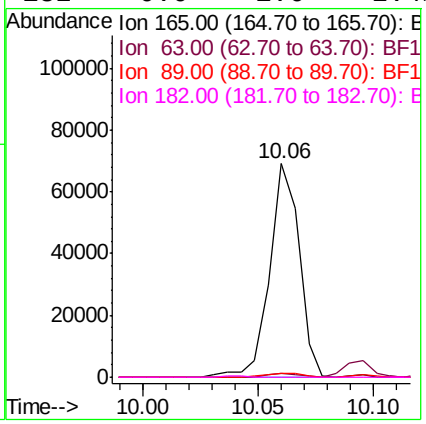


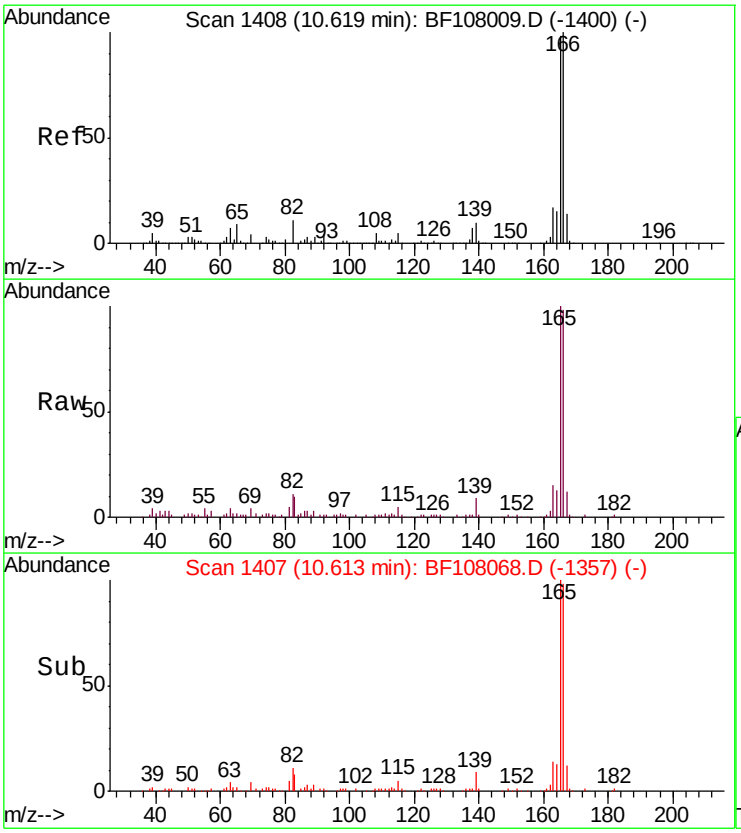
#56
2,4-Dinitrotoluene
Concen: 6.844 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:165 Resp: 61488

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

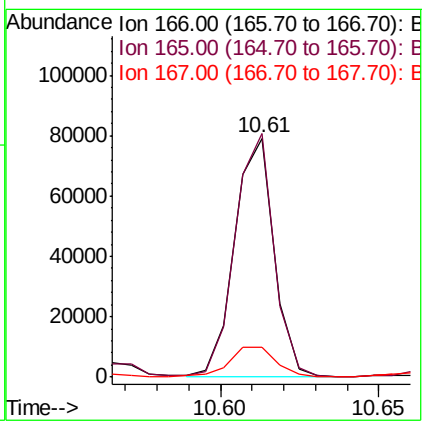


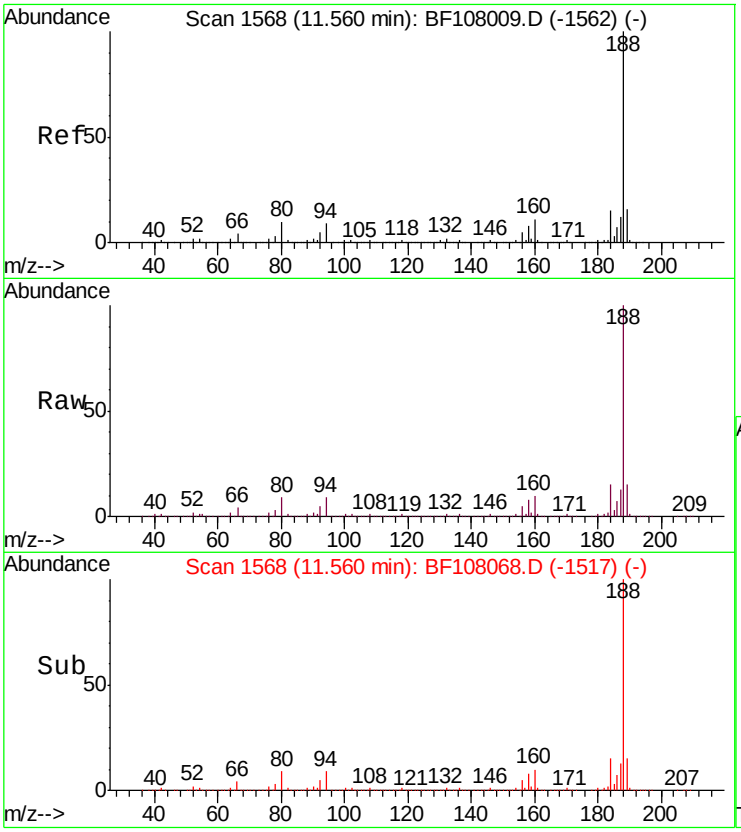


#57
Fluorene
Concen: 2.198 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:166 Resp: 68121

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	12.6	10.6	16.0



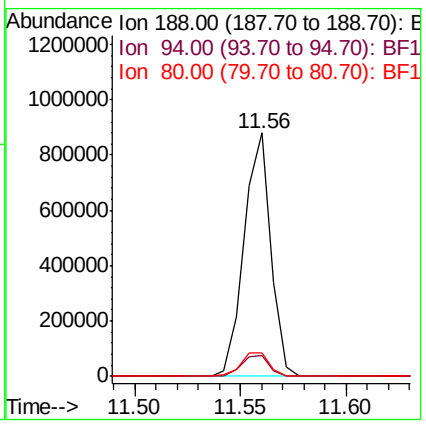


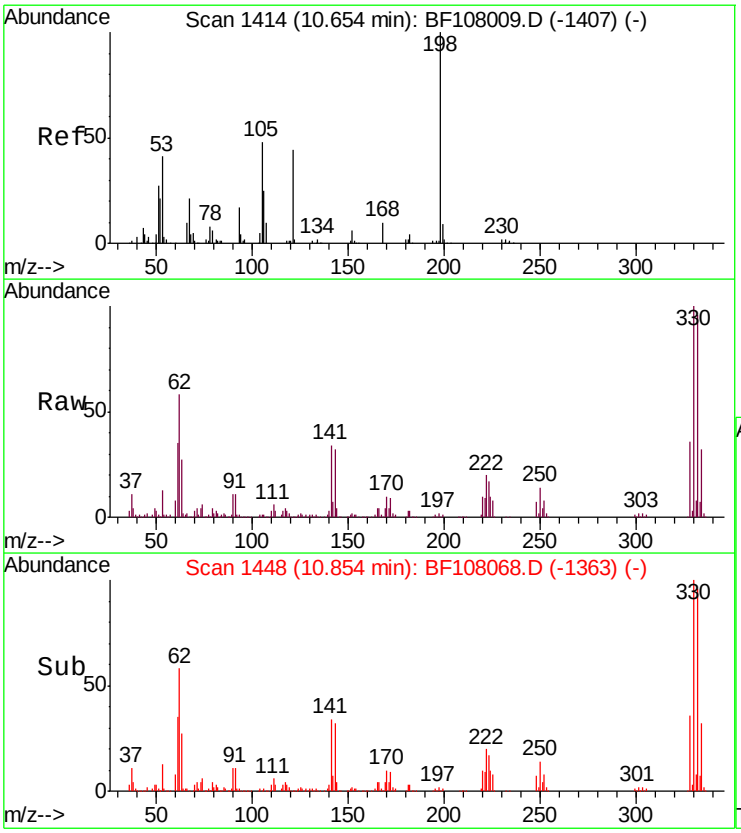
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:188 Resp: 769525

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

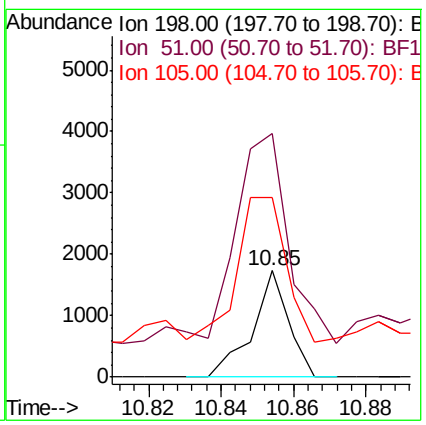


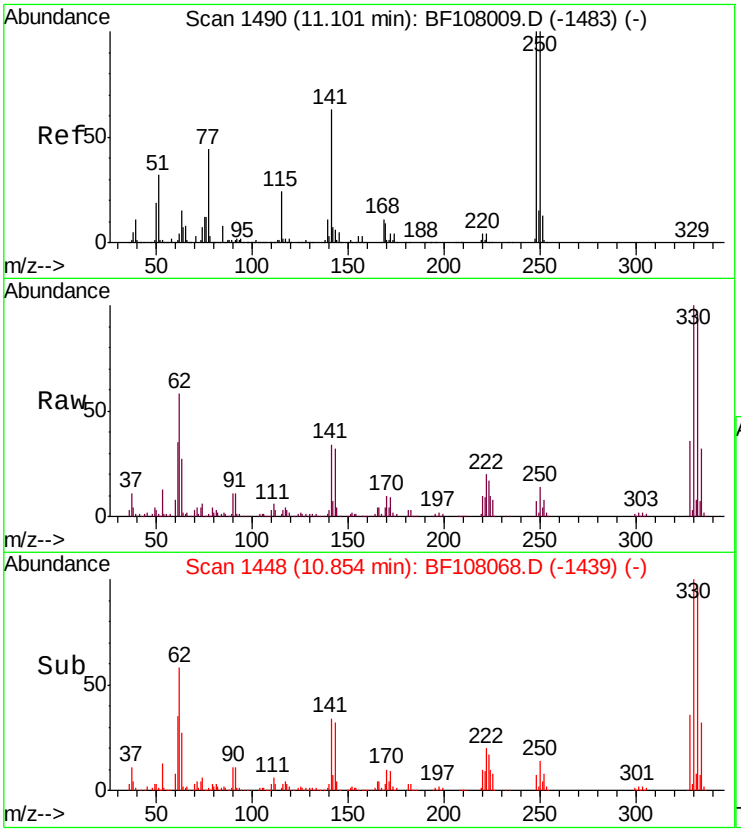


#64
4,6-Dinitro-2-methylphenol
Concen: 5.725 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:198 Resp: 1193

Ion	Ratio	Lower	Upper
198	100		
51	228.7	37.7	77.7#
105	169.3	36.3	76.3#



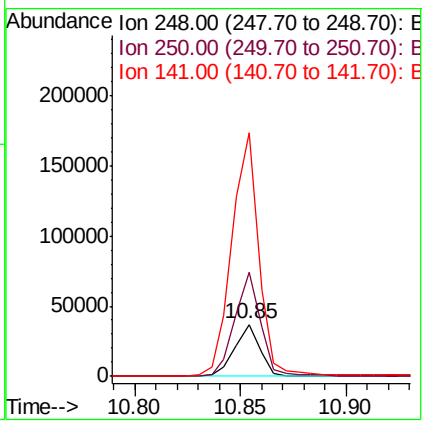


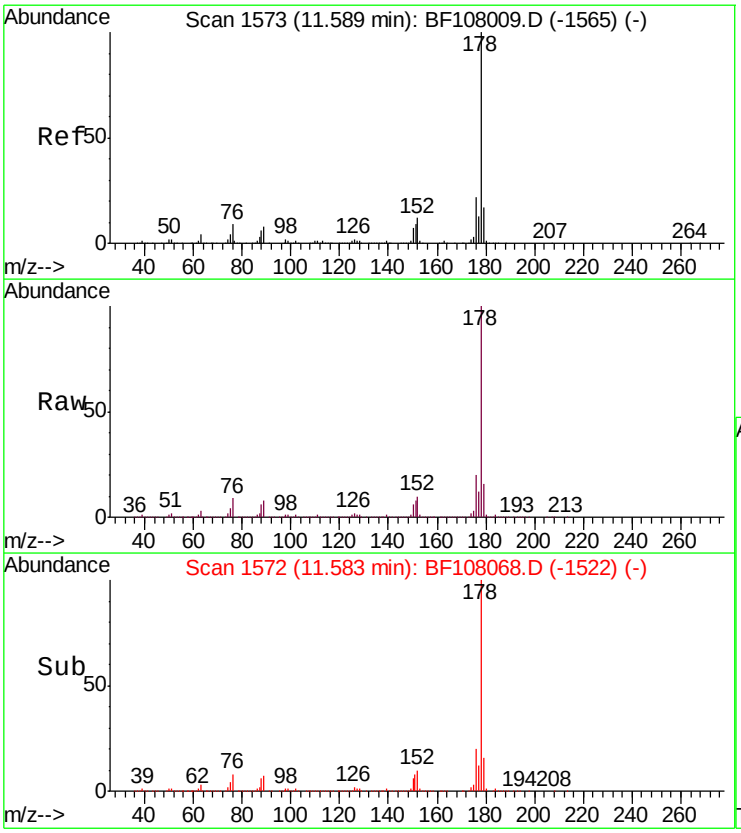
#66
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:248 Resp: 30942

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.9	115.3#
141	471.1	74.4	111.6#

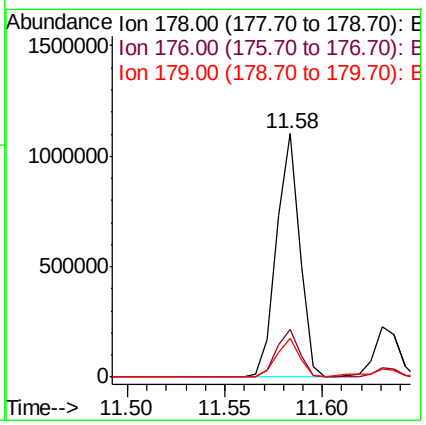


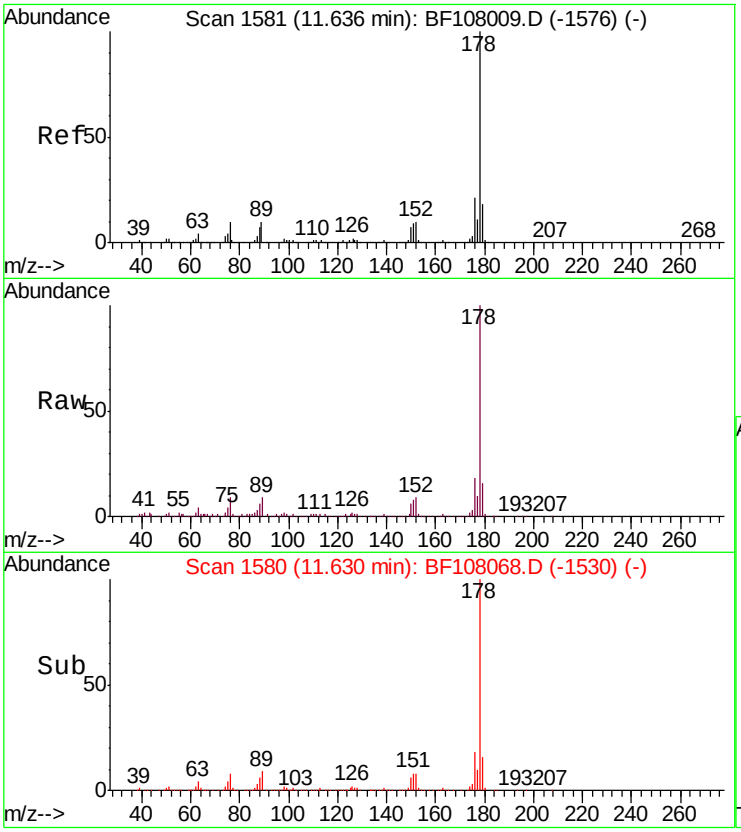


#70
Phenanthrene
Concen: 25.019 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:178 Resp: 908066

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6



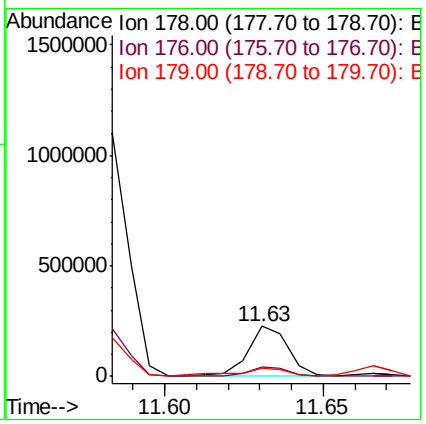


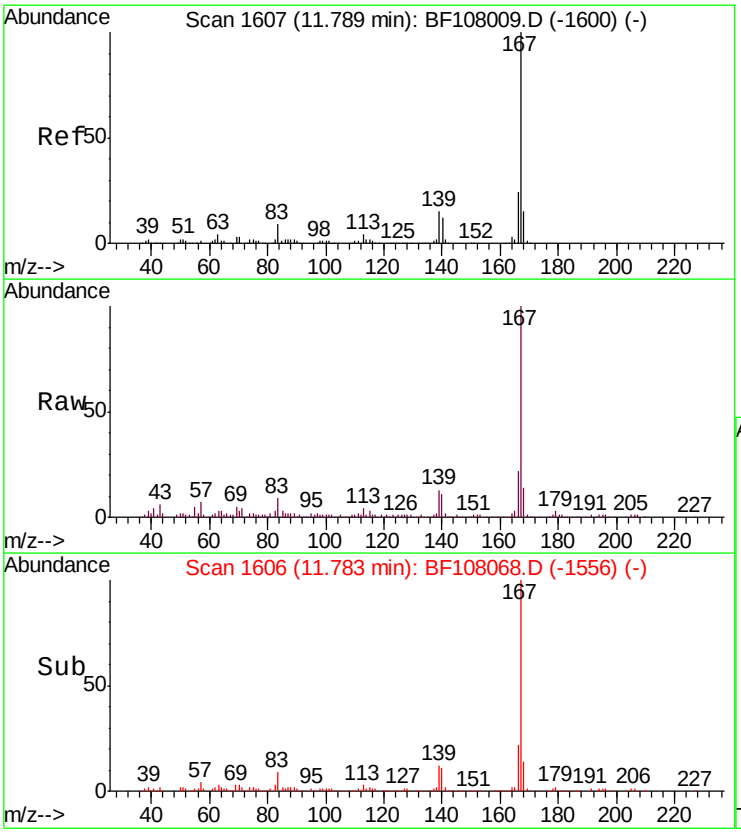
#71
Anthracene
Concen: 5.163 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:178 Resp: 192077

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.3	12.6	19.0

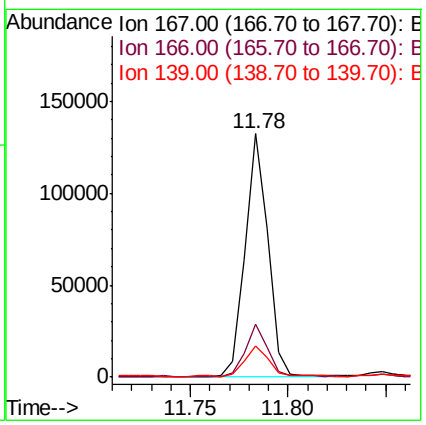


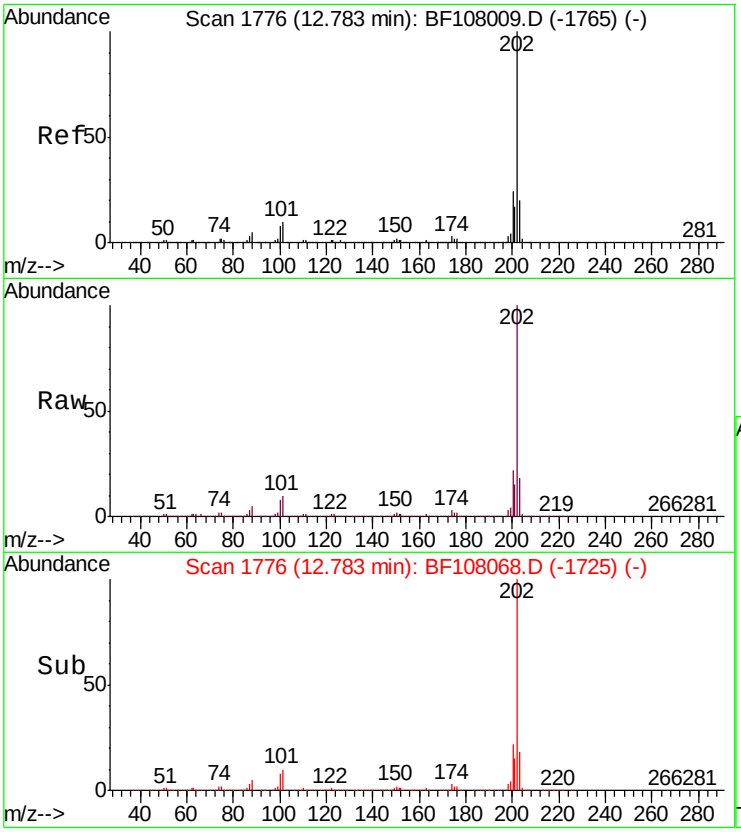


#72
Carbazole
Concen: 3.259 ng
RT: 11.78 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:167 Resp: 107705

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.7	10.9	16.3



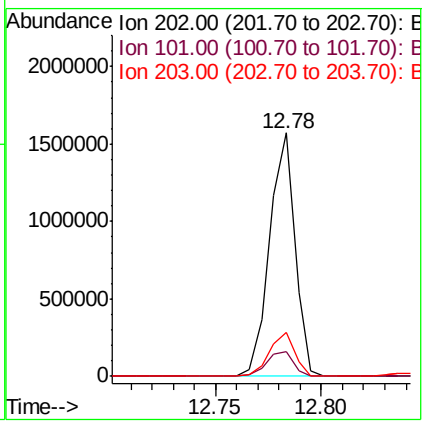


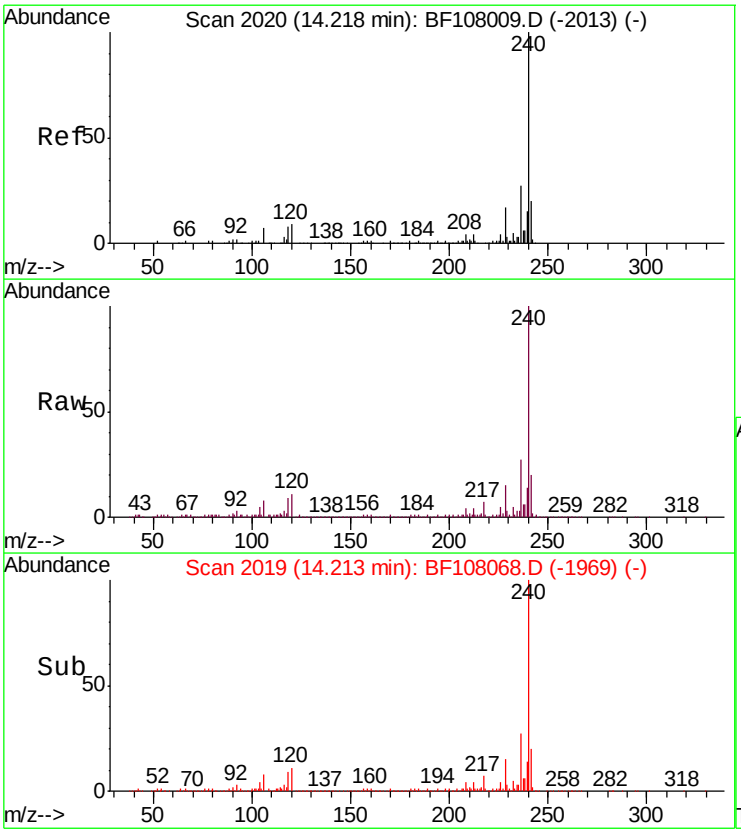
#74
Fluoranthene
Concen: 33.237 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:202 Resp: 1316581

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	18.2	0.0	38.1

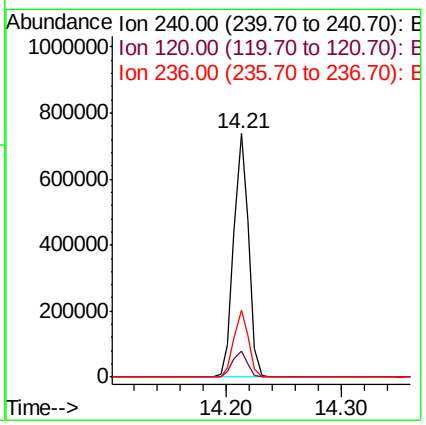


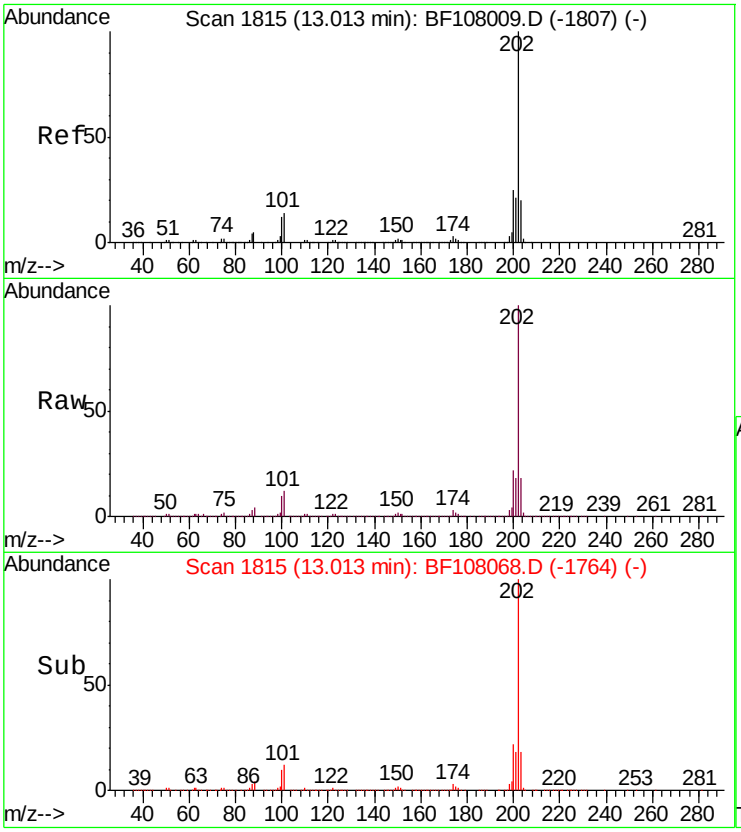


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:240 Resp: 657922

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	27.4	20.7	31.1



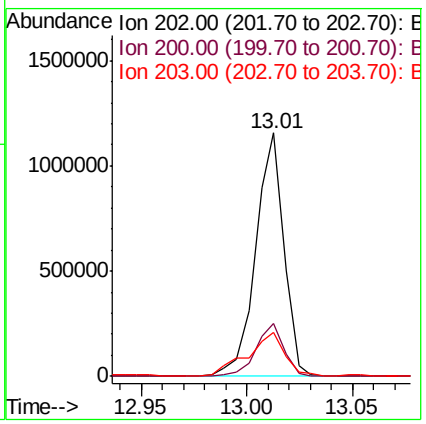


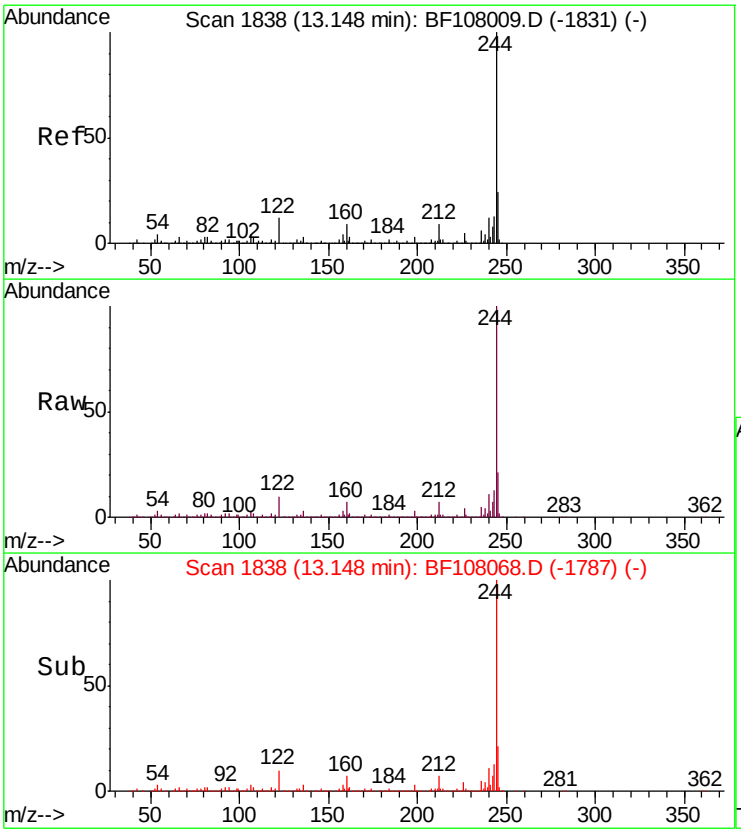
#77
Pyrene
Concen: 25.912 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:202 Resp: 1079320

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.2	14.3	21.5

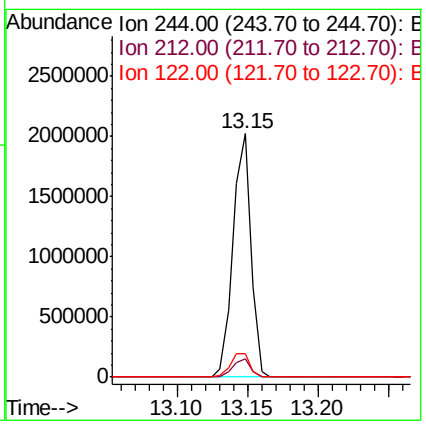


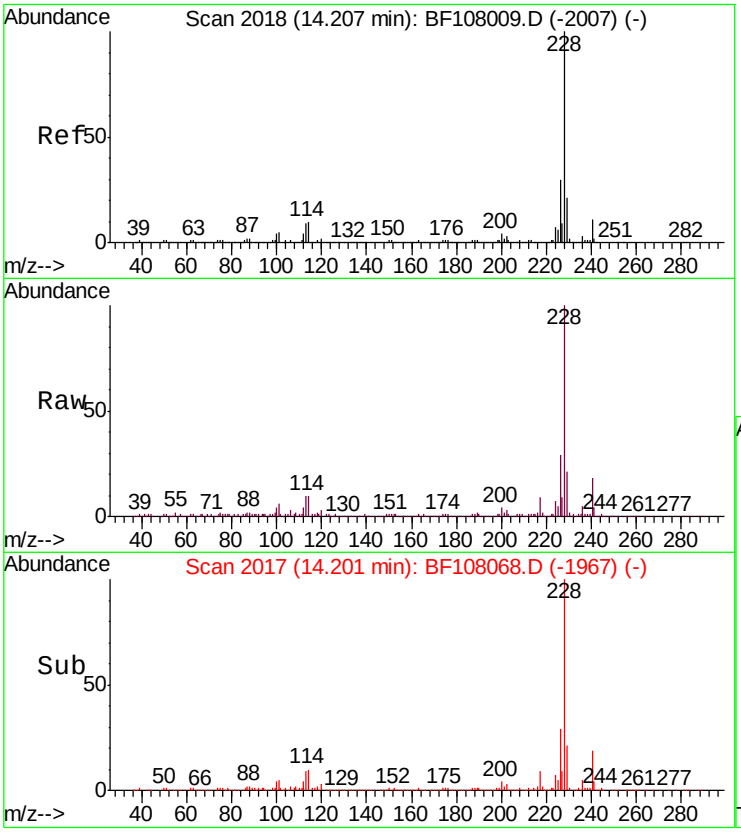


#78
Terphenyl-d14
Concen: 69.309 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:244 Resp: 1793455

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.9	11.0	16.4#



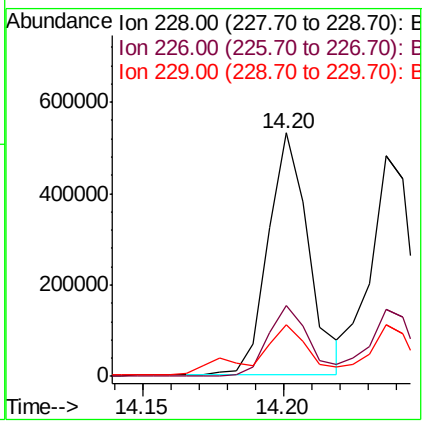


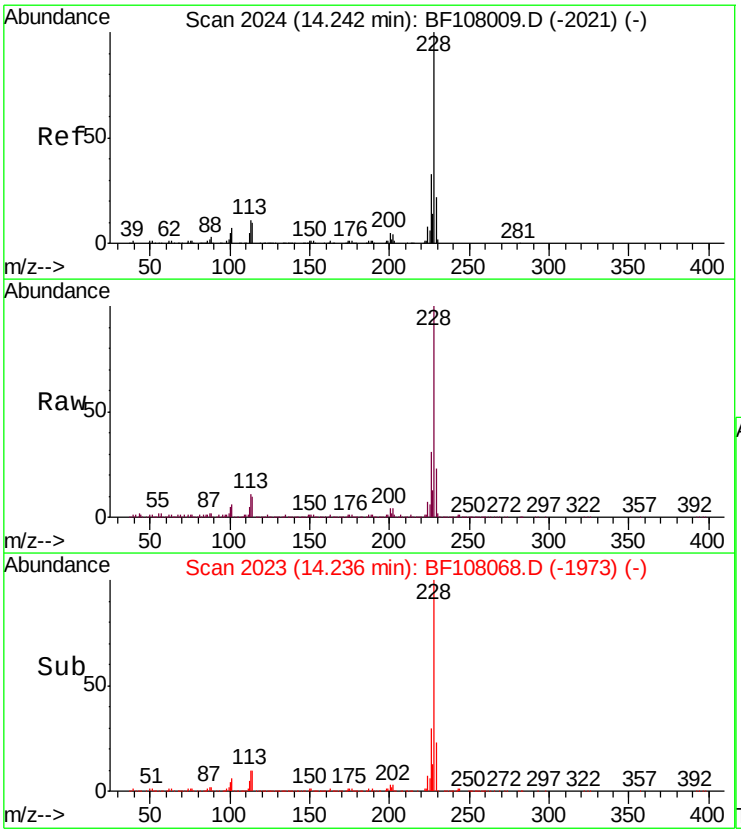
#80
Benzo(a)anthracene
Concen: 14.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:228 Resp: 528601

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.1	15.8	23.6

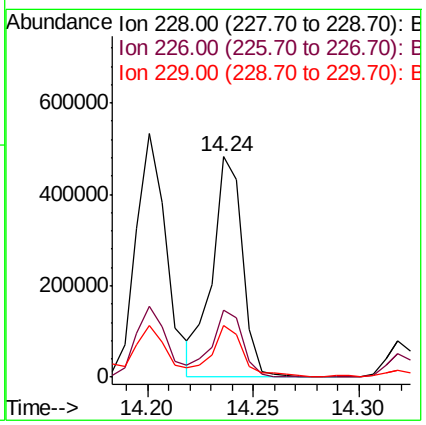


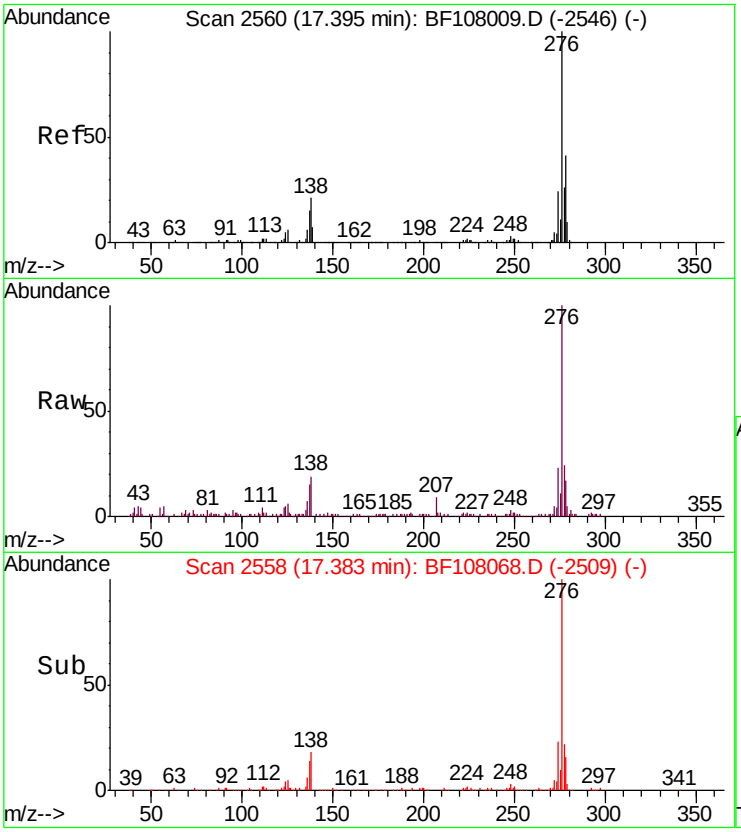


#82
Chrysene
Concen: 13.715 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:228 Resp: 474763

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.4	16.2	24.4



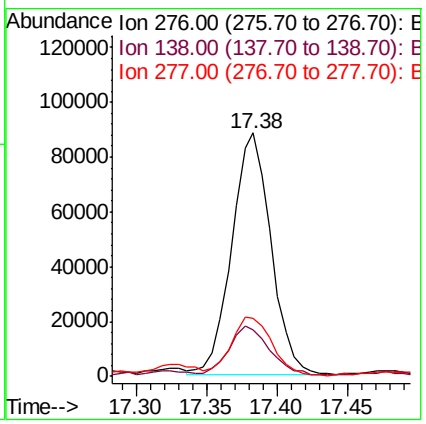


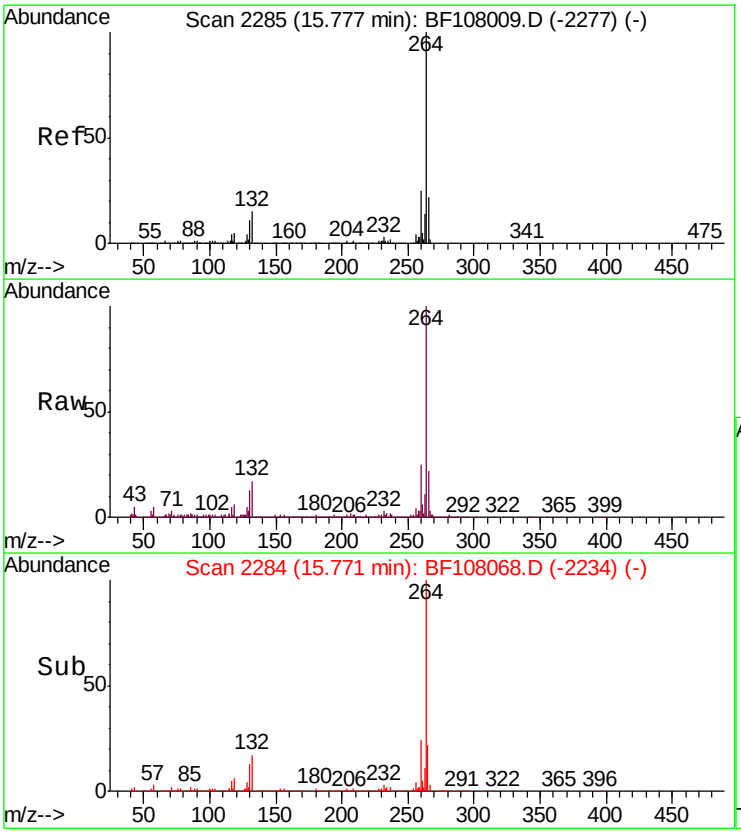
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.668 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:276 Resp: 170011

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	25.4	20.1	30.1

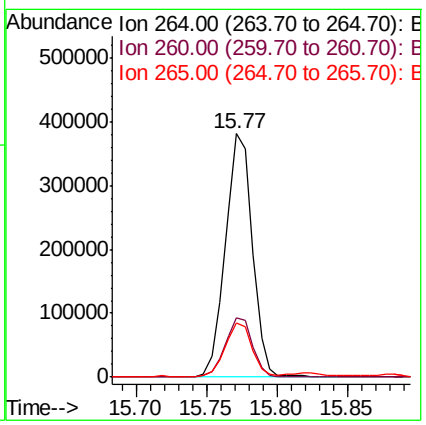


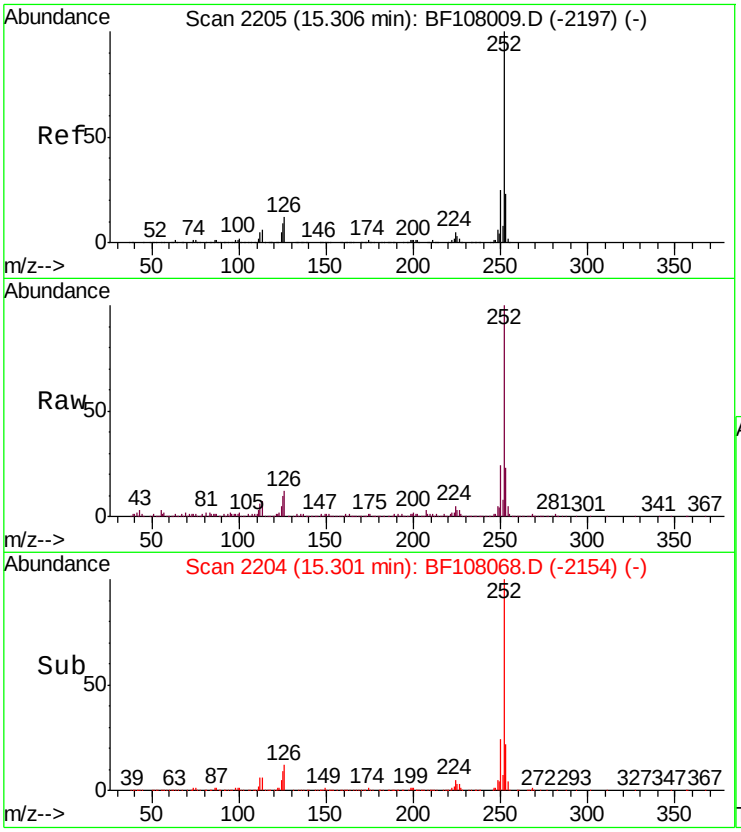


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:264 Resp: 504725

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3



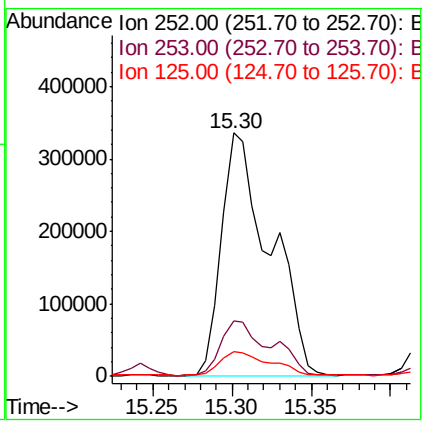


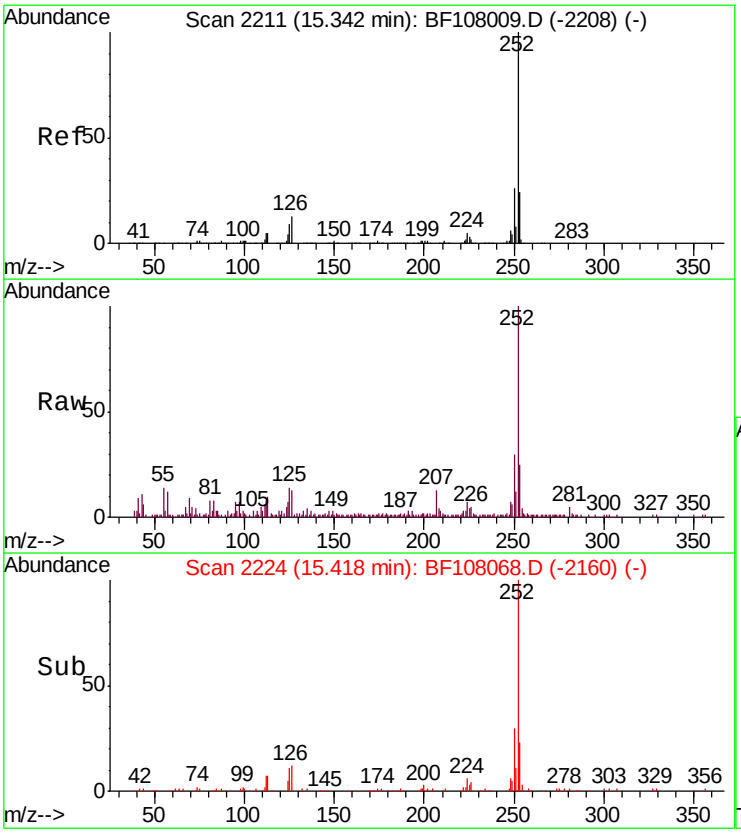
#87
Benzo(b)fluoranthene
Concen: 23.594 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:252 Resp: 711591

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.0	9.0	13.6

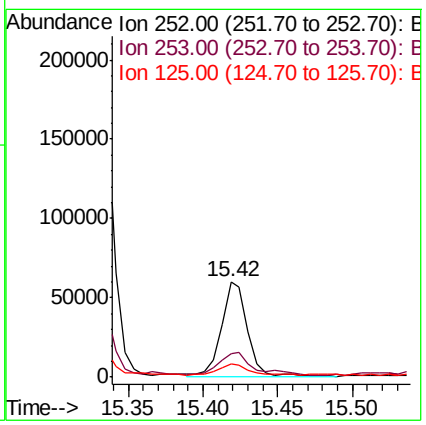


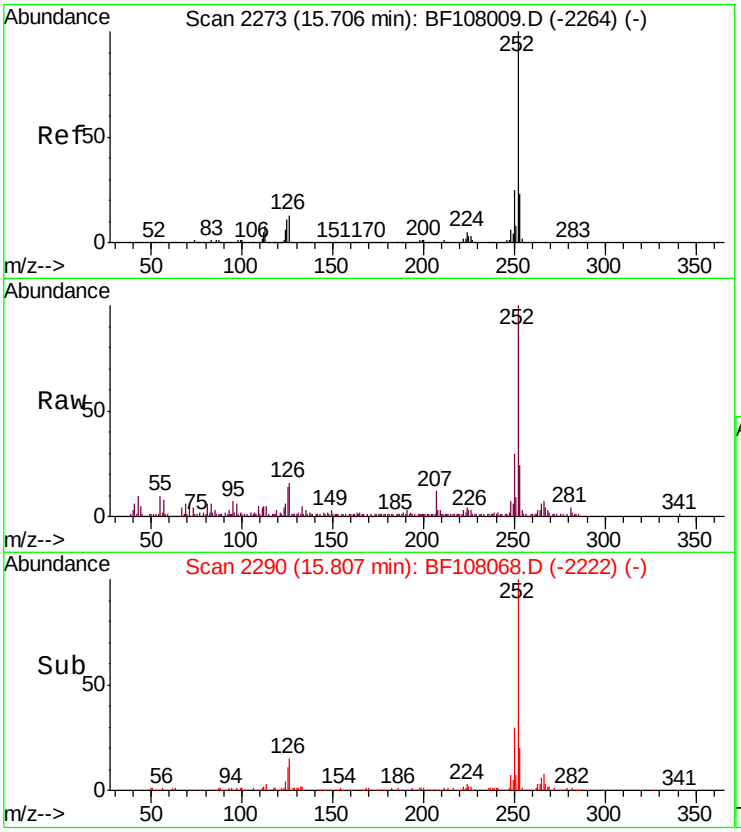


#88
Benzo(k)fluoranthene
Concen: 2.605 ng
RT: 15.42 min Scan# 2224
Delta R.T. 0.08 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:252 Resp: 72211

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	13.7	10.2	15.2



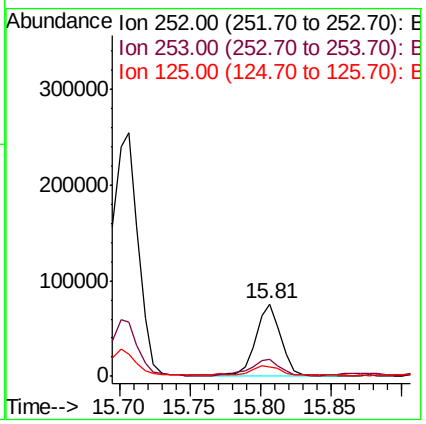


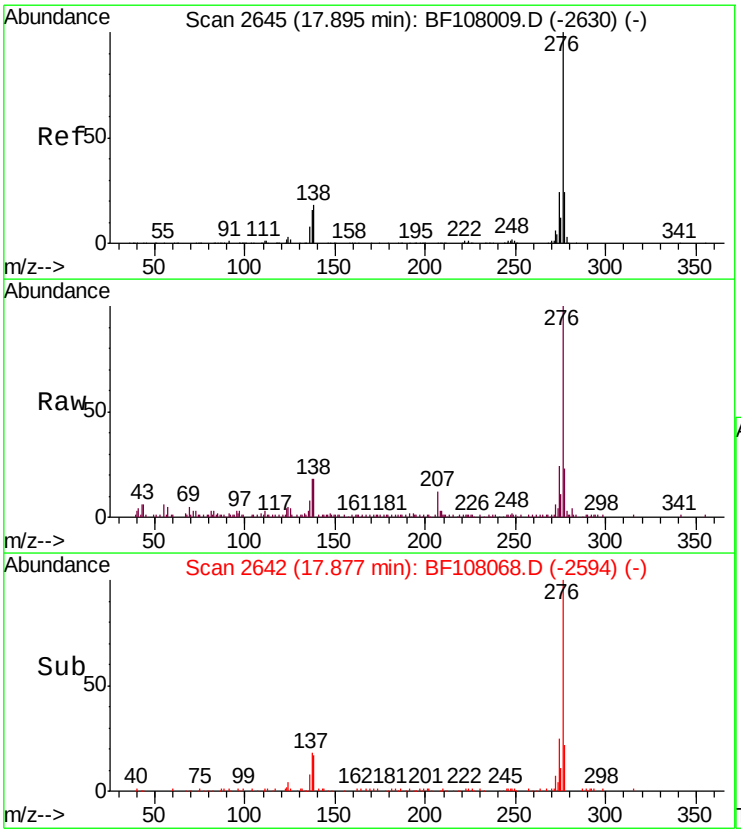
#89
Benzo(a)pyrene
Concen: 3.535 ng
RT: 15.81 min Scan# 2290
Delta R.T. 0.10 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Instrument :
BNA_F
ClientSampleId :
S-3B

Tgt Ion:252 Resp: 95458

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.230 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BF108068.D
Acq: 9 Aug 2018 23:18

Tgt Ion:276 Resp: 159094

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	17.8	21.8	32.8#