Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108297.D
Acq On : 20 Aug 2018 18:30
Operator : JU/SJ
Sample : J4521-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11979

Quant Time: Aug 21 00:53:03 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	7.01	152	178652	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	653120	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	287240	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	477163	20.00	ng		0.00
75) Chrysene-d12	14.22	240	349842	20.00	ng		0.00
86) Perylene-d12	15.78	264	279715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	831083	84.22	ng		0.02
7) Phenol-d6	6.64	99	1116093	85.11	ng		0.00
23) Nitrobenzene-d5	7.58	82	725112	61.95	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	239247	83.50	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1228983	68.69	ng		0.00
78) Terphenyl-d14	13.15	244	973297	70.74	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	96891	10.927	ng	#	82
25) Isophorone	7.58	82	722577	32.390	ng	#	64
49) Dimethylphthalate	9.76	163	97047	4.850	ng	#	99
51) Acenaphthene	10.10	154	76591	4.726	ng		98
54) Dibenzofuran	10.27	168	57286	2.440	ng		98
57) Fluorene	10.61	166	118267	6.362	ng		99
64) 4,6-Dinitro-2-methylphenol	10.85	198	438	5.576	ng	#	1
66) 4-Bromophenyl-phenylether	10.85	248	15783	3.044	ng	#	1
70) Phenanthrene	11.58	178	1239432	55.071	ng		99
71) Anthracene	11.64	178	506598	21.962	ng		99
72) Carbazole	11.78	167	64449	3.145	ng		99
74) Fluoranthene	12.79	202	2315326	94.262	ng		95
77) Pyrene	13.02	202	2133361	96.320	ng		96
80) Benzo(a)anthracene	14.21	228	1180583	58.802	ng		97
82) Chrysene	14.25	228	973383	52.882	ng		98
85) Indeno(1,2,3-cd)pyrene	17.41	276	371805	23.313	ng	#	88
87) Benzo(b)fluoranthene	15.32	252	1407575	84.215	ng		96
88) Benzo(k)fluoranthene	15.43	252	178630	11.626	ng		94
89) Benzo(a)pyrene	15.72	252	749909	50.104	ng		96
90) Dibenzo(a,h)anthracene	17.42	278	104635	8.449	ng		93
91) Benzo(g,h,i)perylene	17.91	276	340405	27.915	ng	#	90

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

Quantitation Report (Not Reviewed)

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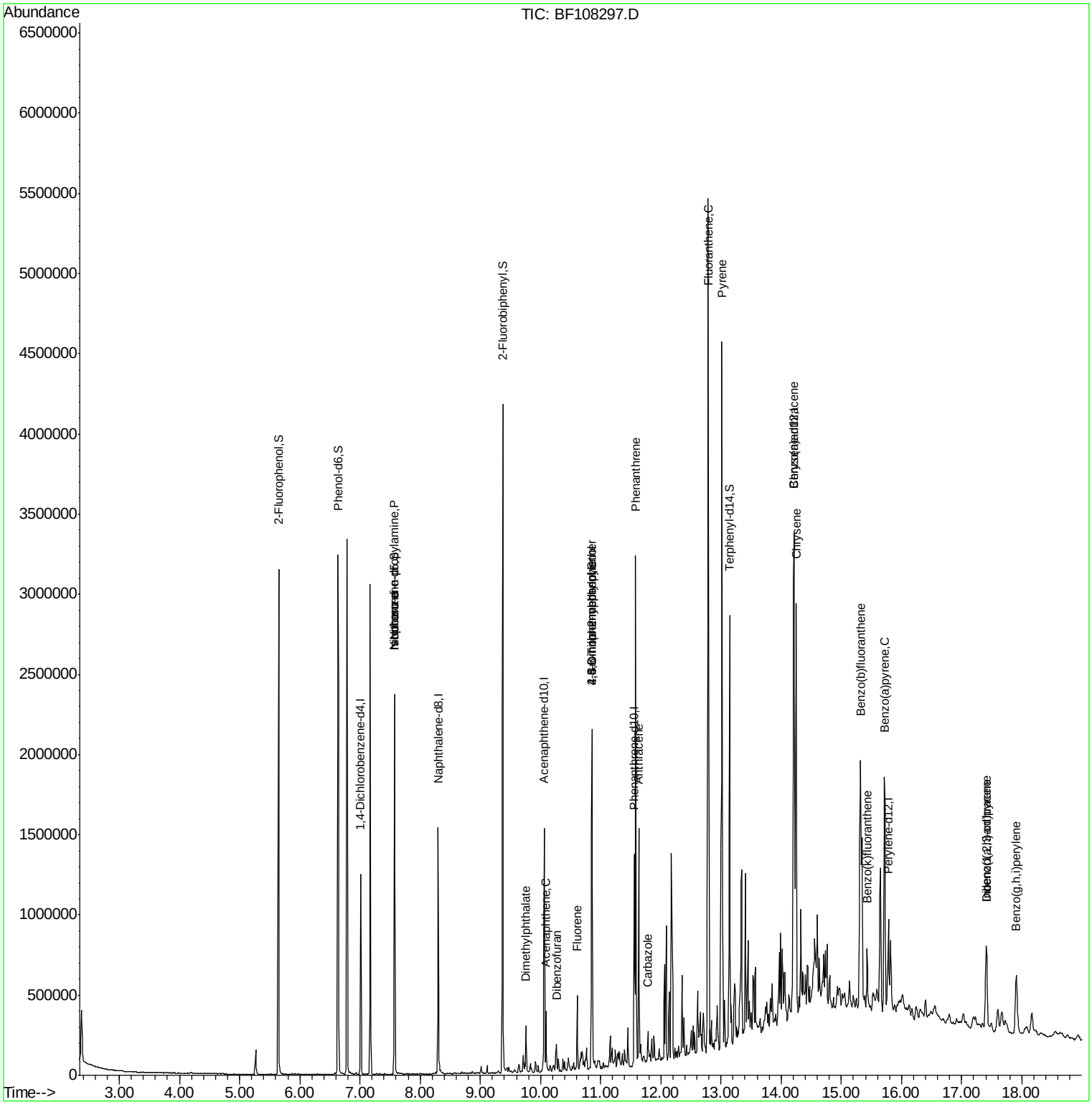
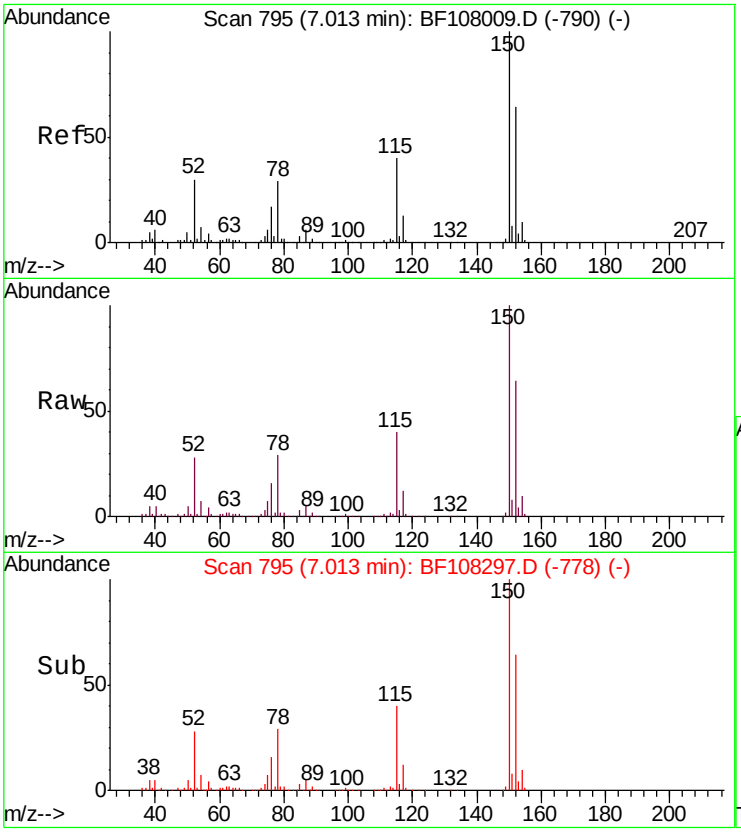


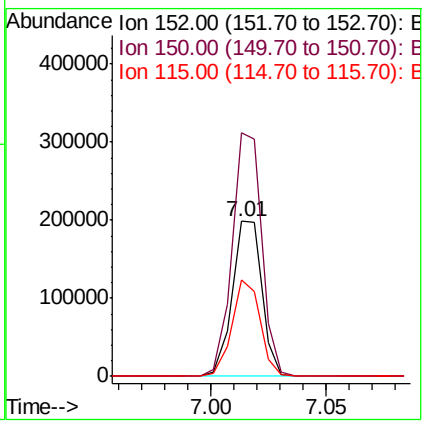


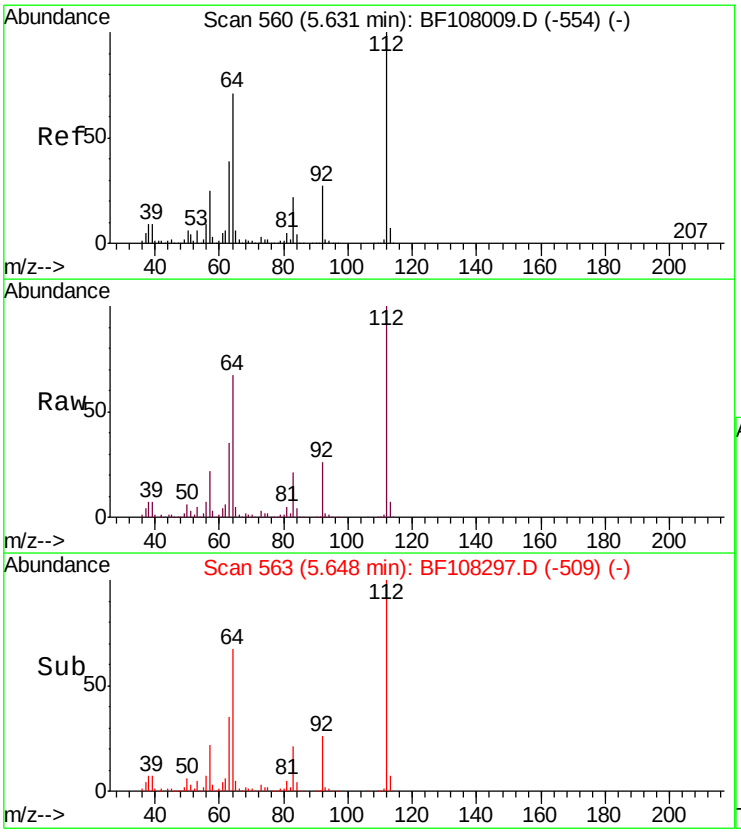
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:152 Resp: 178652

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.3	50.1	75.1

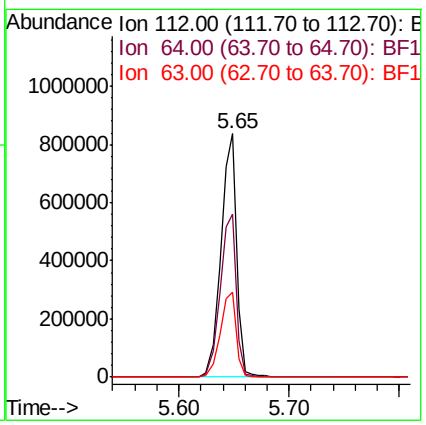


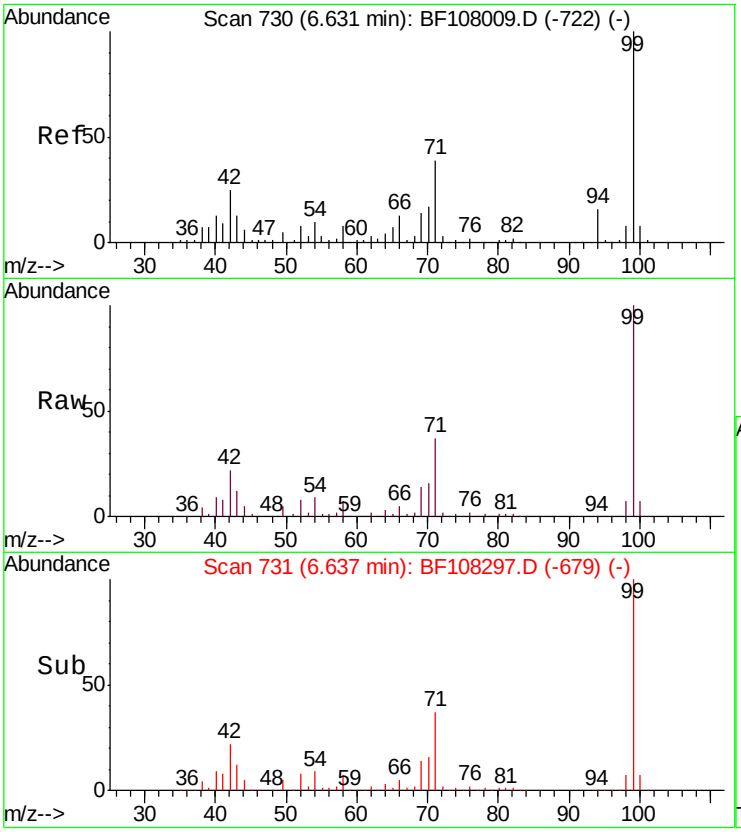


#5
2-Fluorophenol
Concen: 84.222 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:112 Resp: 831083

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	35.0	23.7	35.5



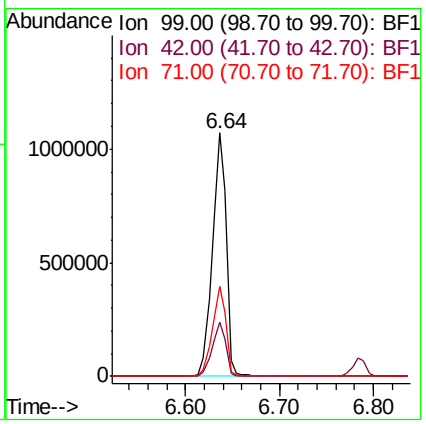


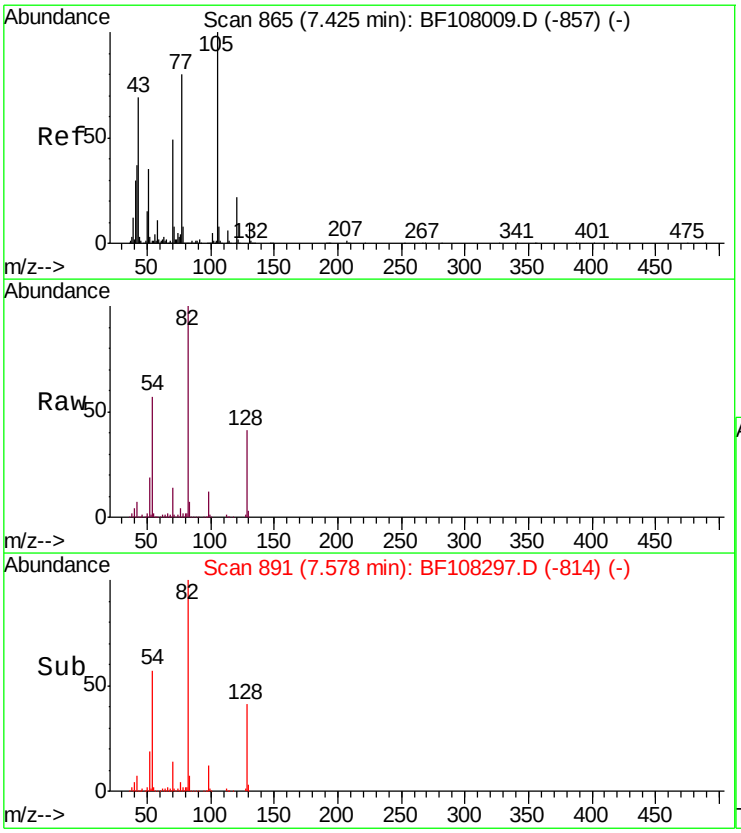
#7
Phenol-d6
Concen: 85.114 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion: 99 Resp: 1116093

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.2	25.4	38.0

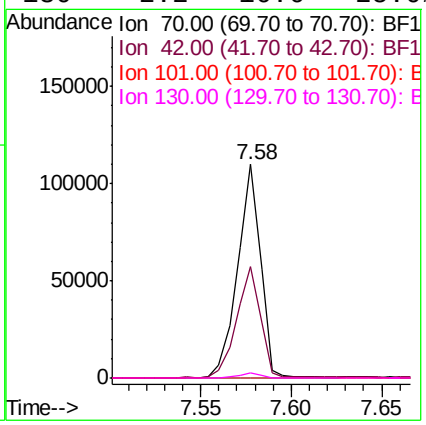


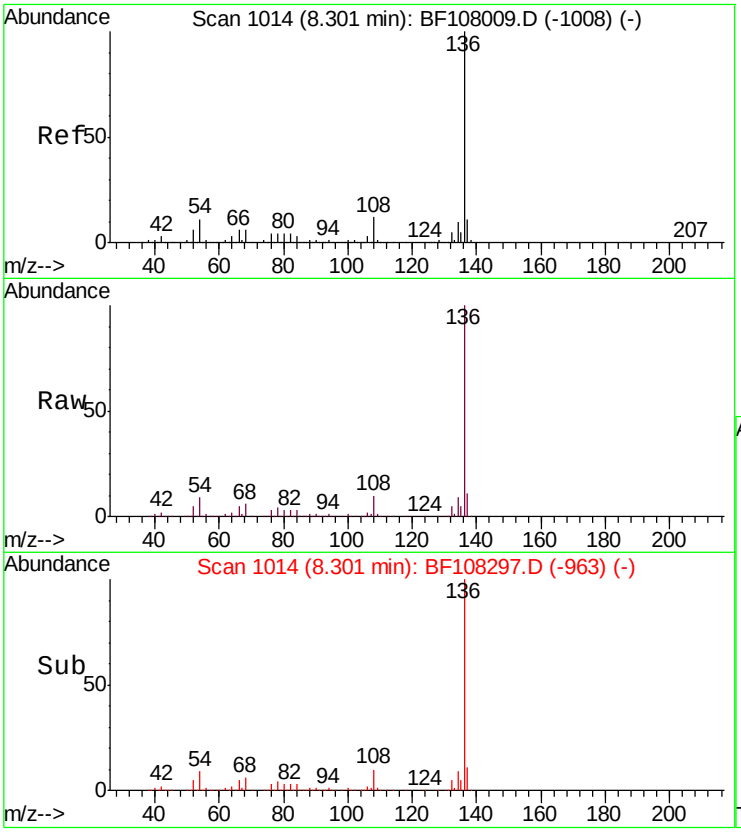


#19
n-Nitroso-di-n-propylamine
Concen: 10.927 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion: 70 Resp: 96891

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



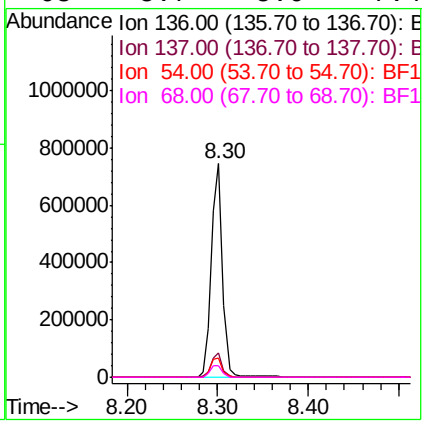


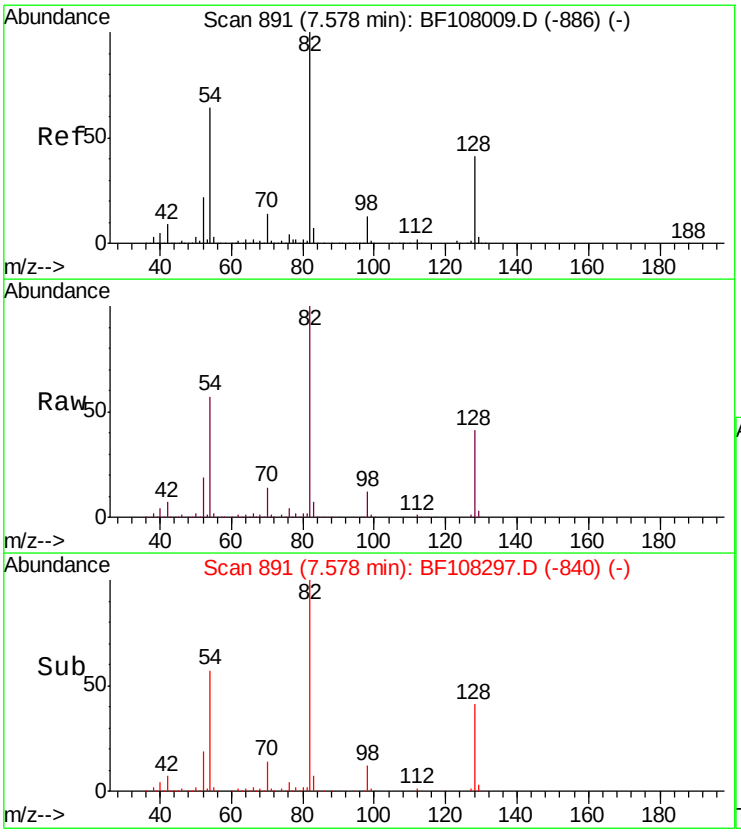
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:136 Resp: 653120

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	5.7	5.0	7.4

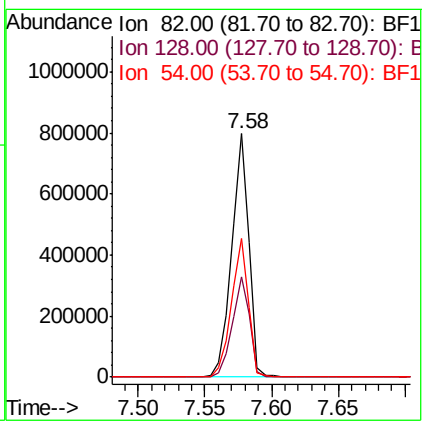


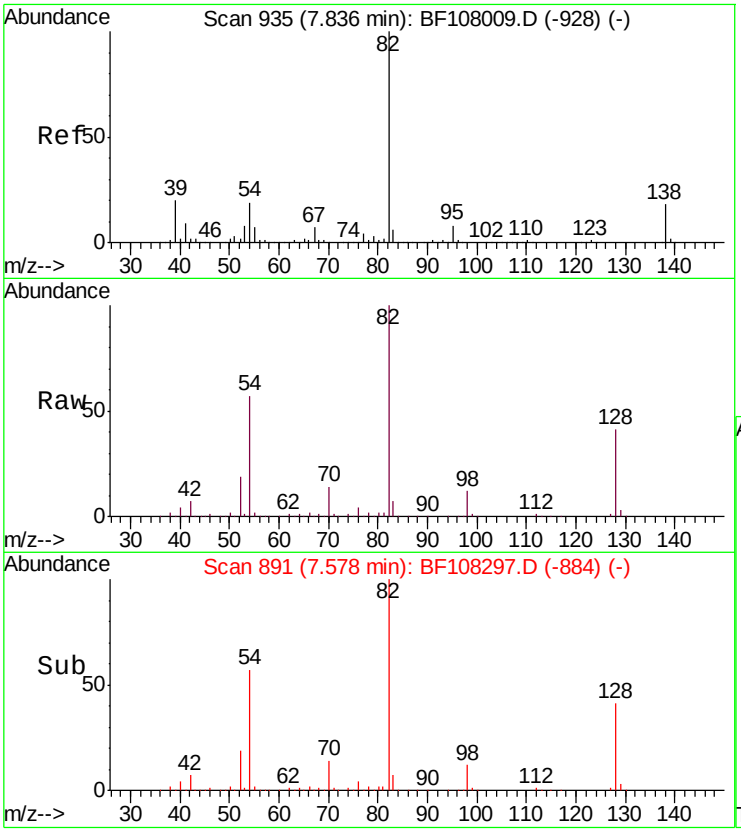


#23
Nitrobenzene-d5
Concen: 61.952 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion: 82 Resp: 725112

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	57.2	41.4	62.2



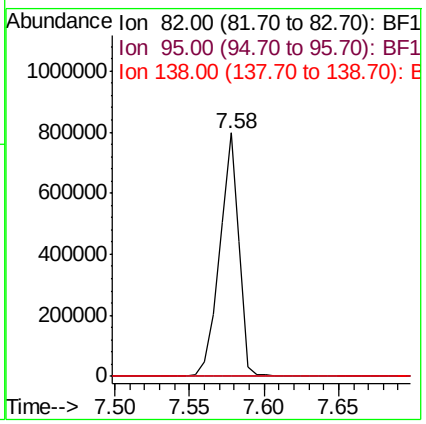


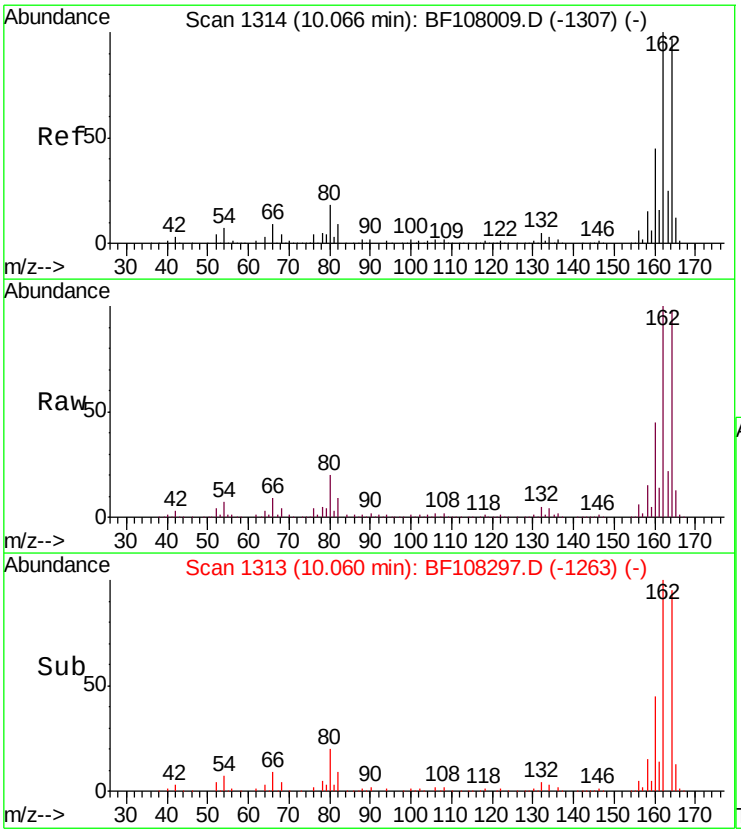
#25
Isophorone
Concen: 32.390 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion: 82 Resp: 722577

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

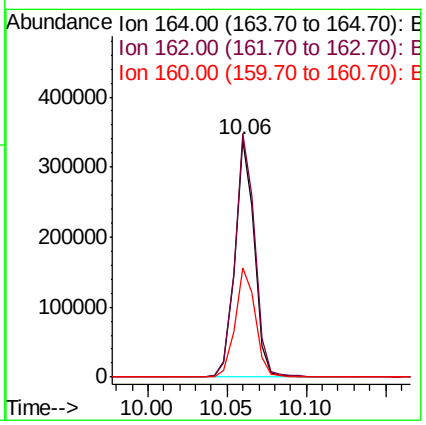


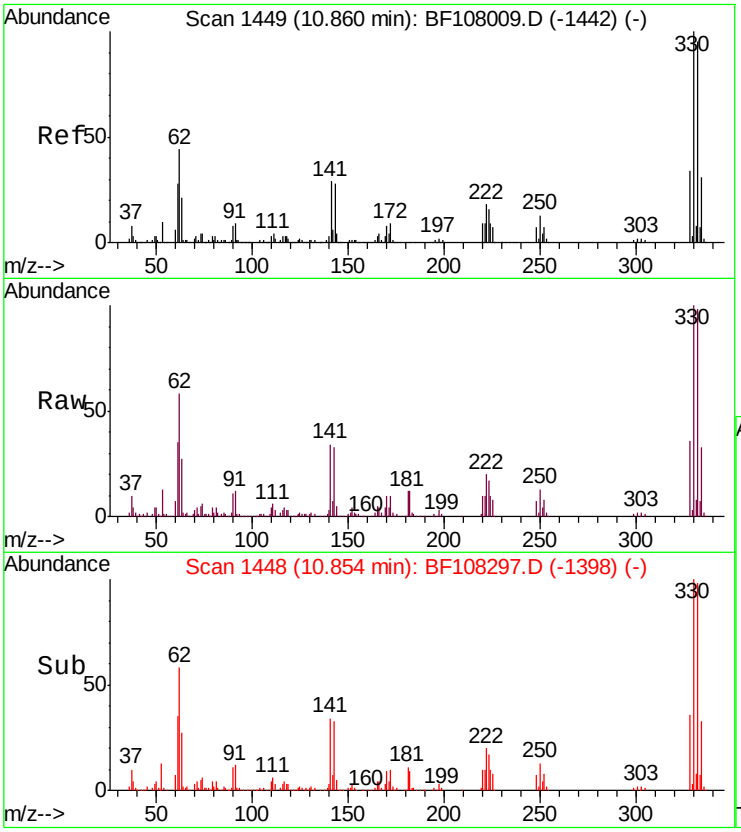


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:164 Resp: 287240

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.9	38.3	57.5



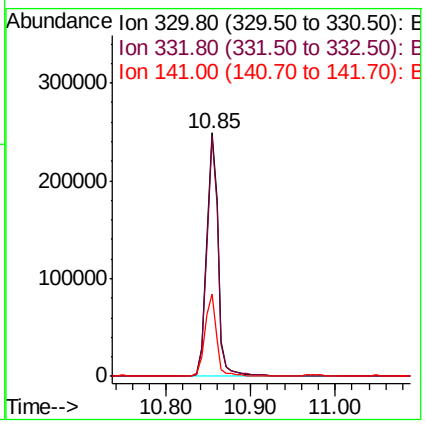


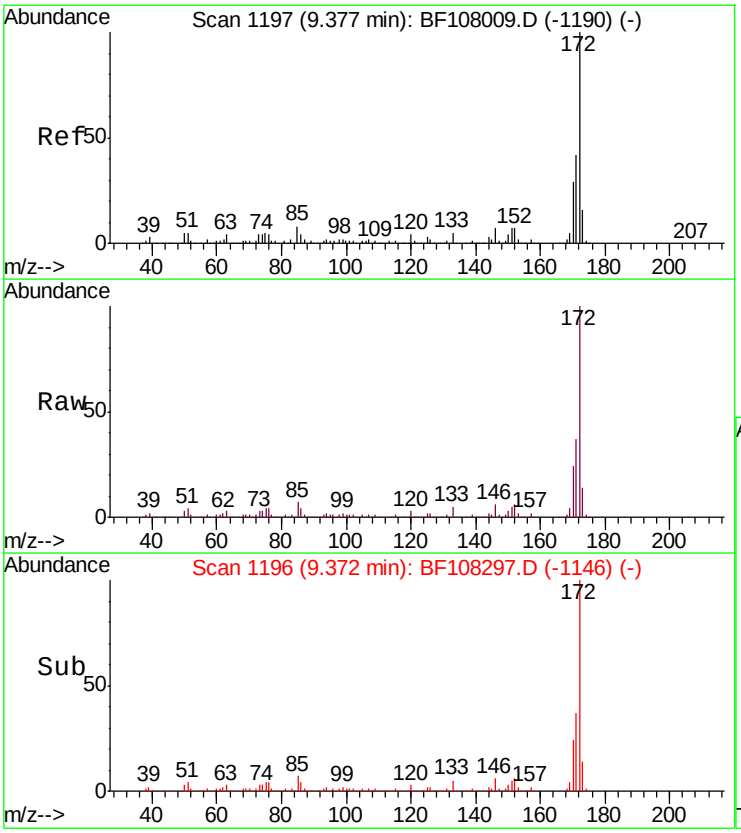
#41
2,4,6-Tribromophenol
Concen: 83.503 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:330 Resp: 239247

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.8	29.9	44.9

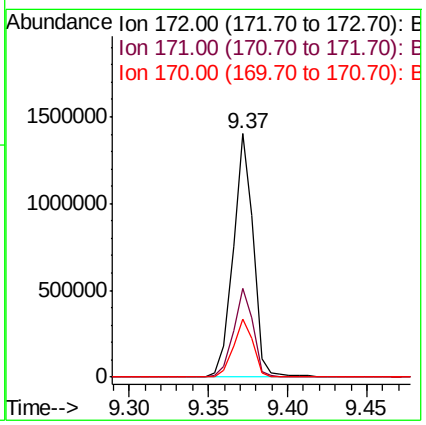


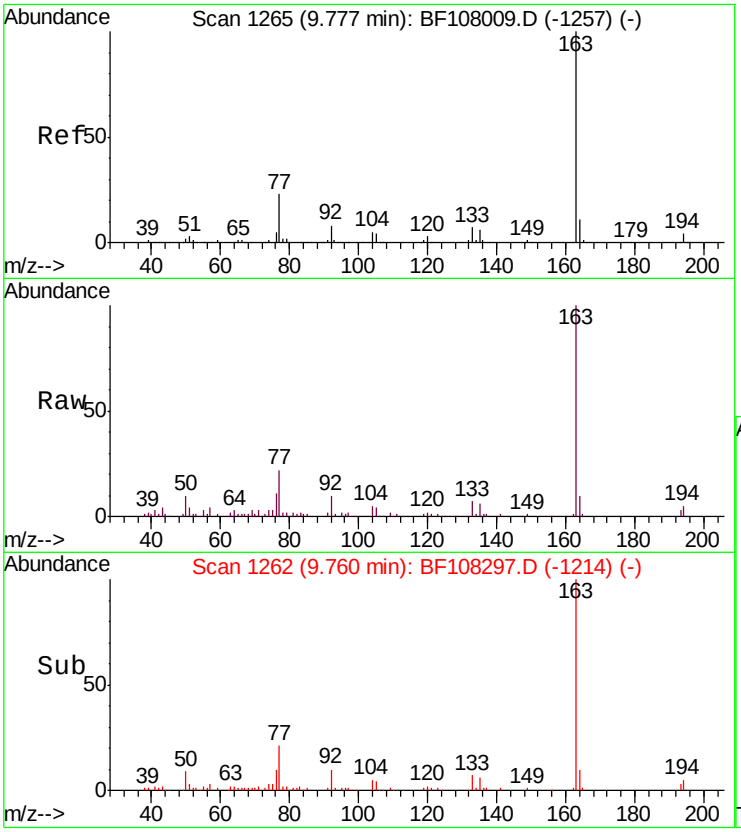


#44
2-Fluorobiphenyl
Concen: 68.691 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:172 Resp: 1228983

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4



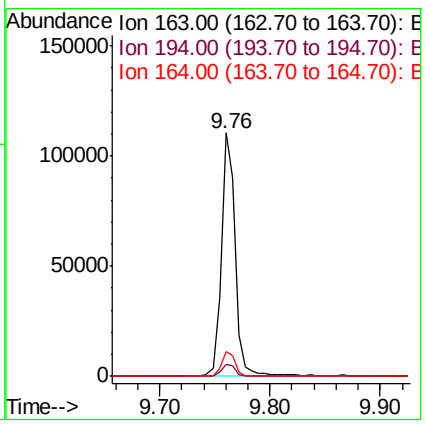


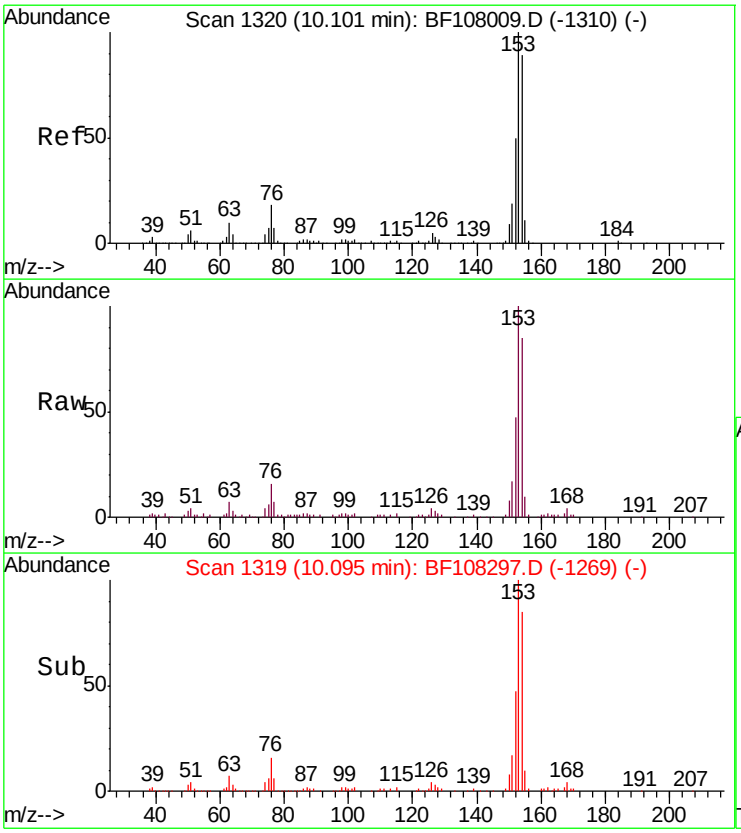
#49
Dimethylphthalate
Concen: 4.850 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:163 Resp: 97047

Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	10.2	8.2	12.2

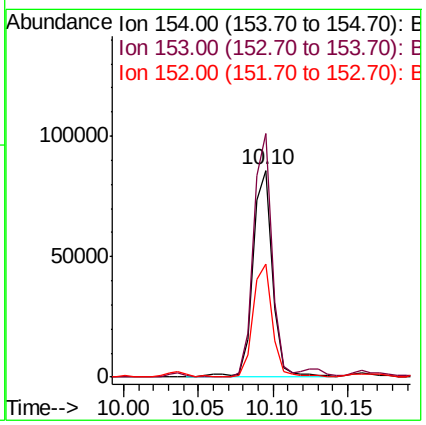


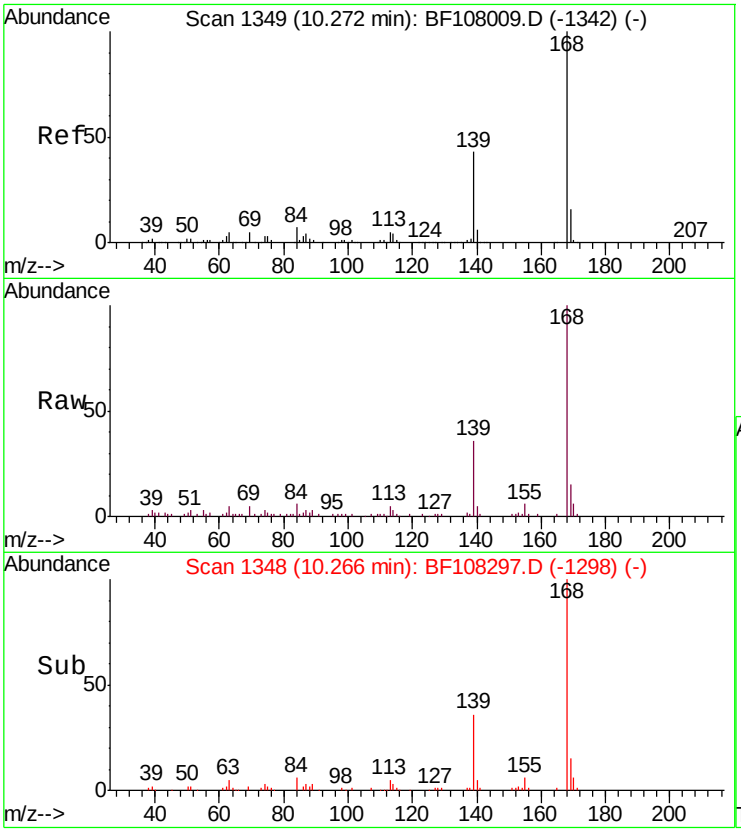


#51
Acenaphthene
Concen: 4.726 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:154 Resp: 76591

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.2	136.8
152	54.8	43.8	65.8



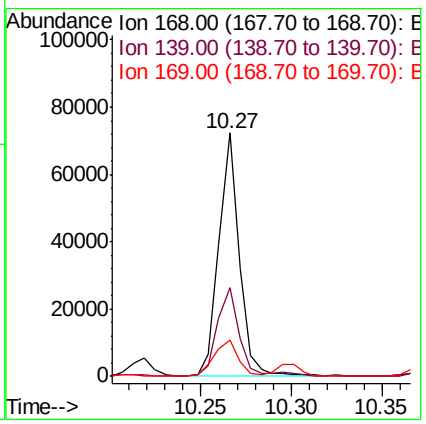


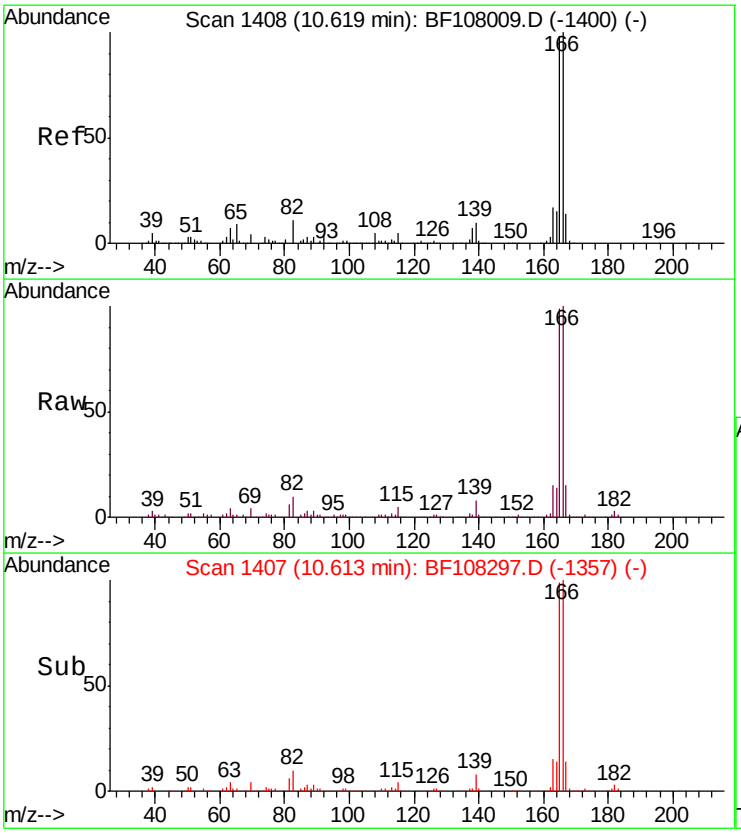
#54
Dibenzofuran
Concen: 2.440 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:168 Resp: 57286

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	14.7	10.9	16.3

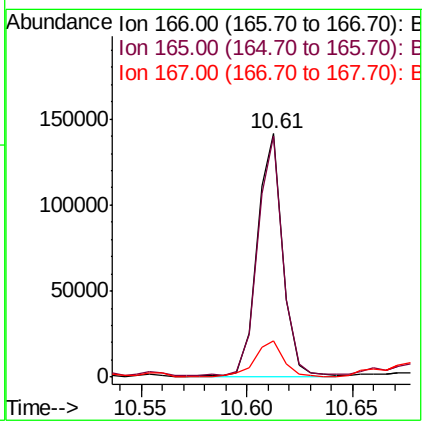


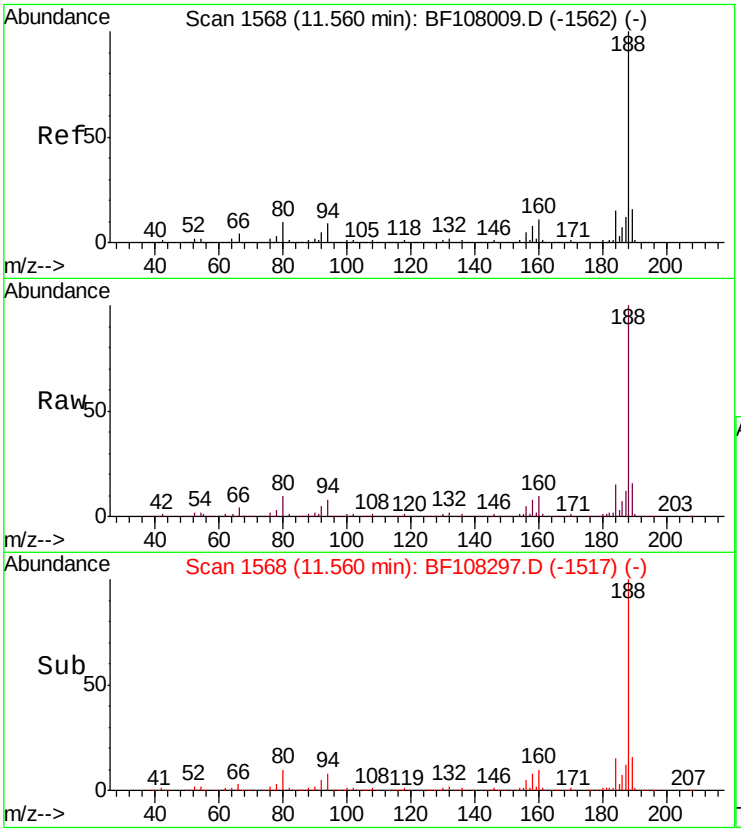


#57
Fluorene
Concen: 6.362 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:166 Resp: 118267

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	14.7	10.6	16.0



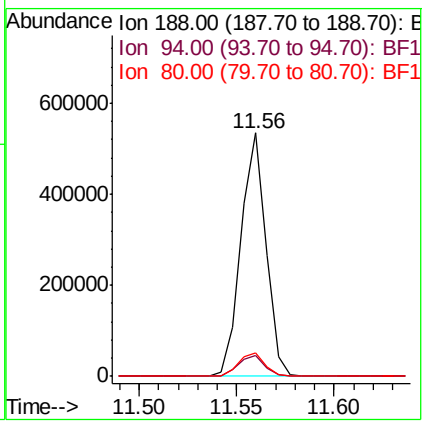


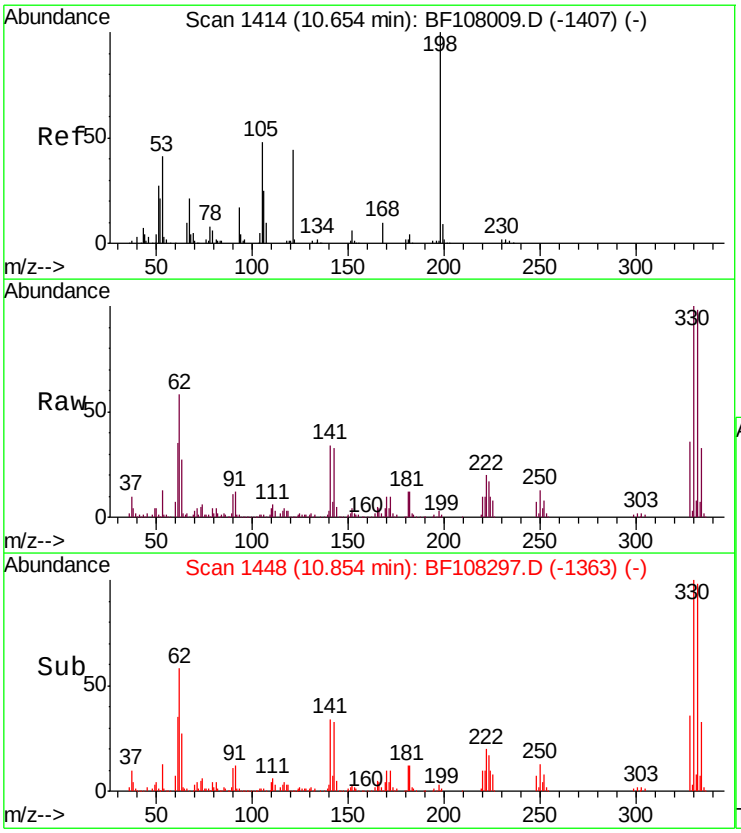
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:188 Resp: 477163

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.5	9.2	13.8

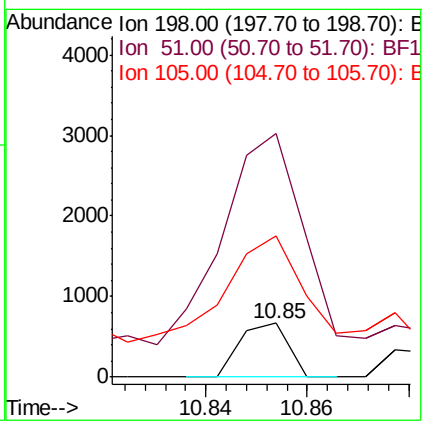


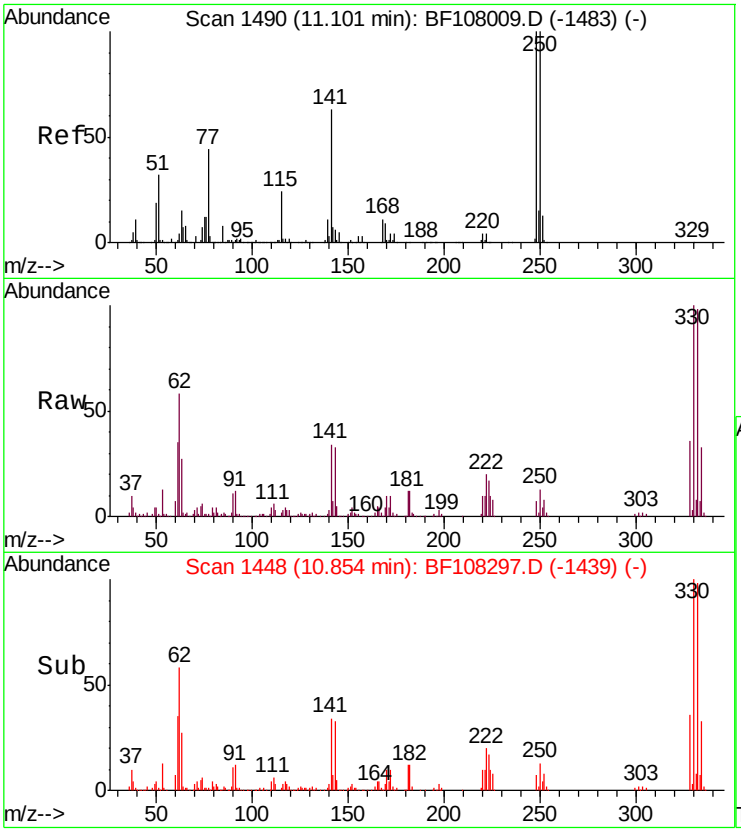


#64
4,6-Dinitro-2-methylphenol
Concen: 5.576 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:198 Resp: 438

Ion	Ratio	Lower	Upper
198	100		
51	453.9	37.7	77.7#
105	262.8	36.3	76.3#



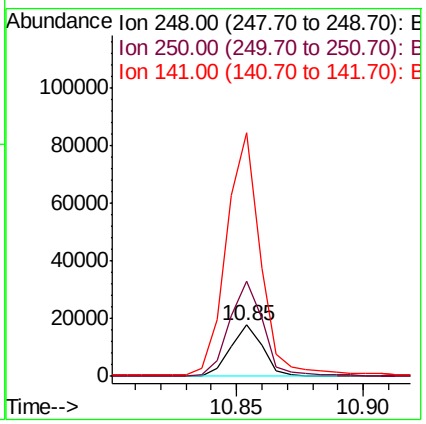


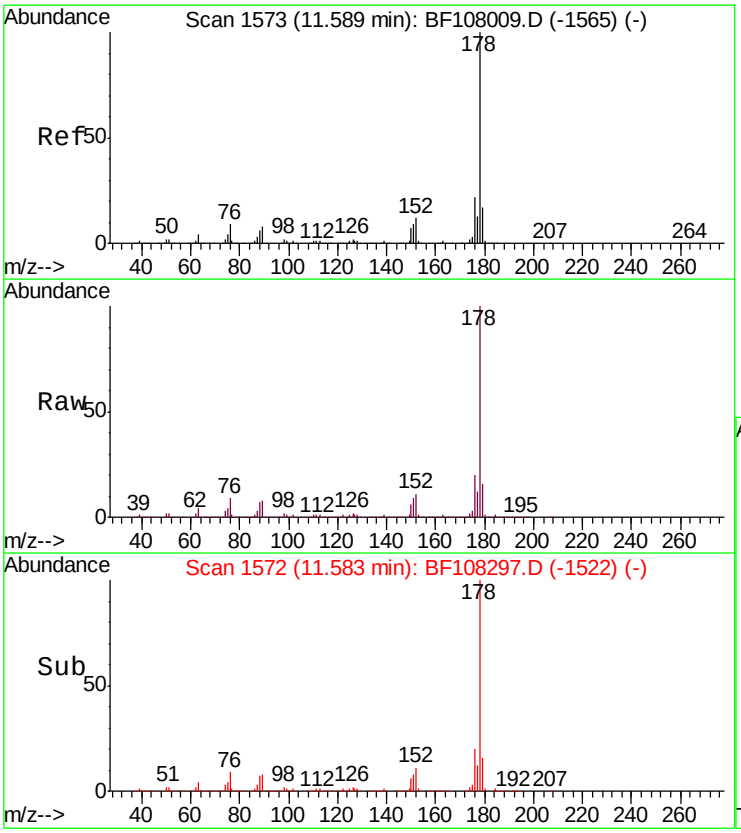
#66
4-Bromophenyl-phenylether
Concen: 3.044 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:248 Resp: 15783

Ion	Ratio	Lower	Upper
248	100		
250	186.9	76.9	115.3#
141	475.7	74.4	111.6#

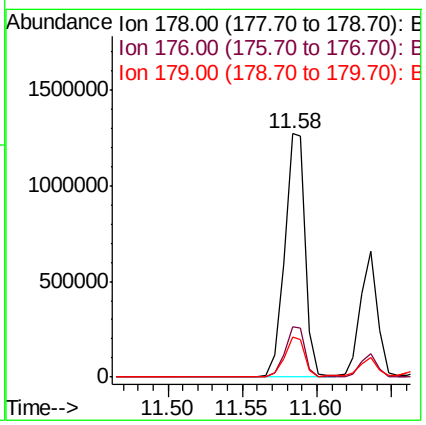


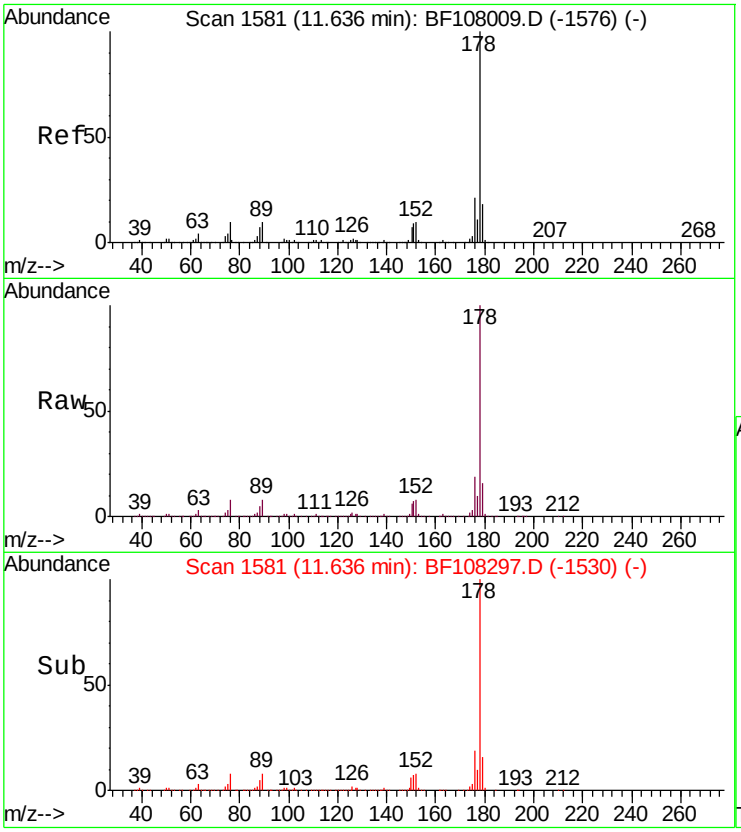


#70
Phenanthrene
Concen: 55.071 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:178 Resp: 1239432

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.4	13.0	19.6



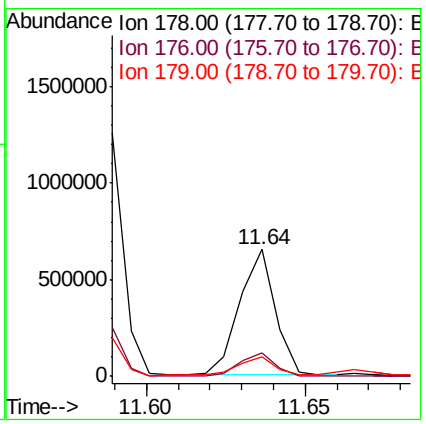


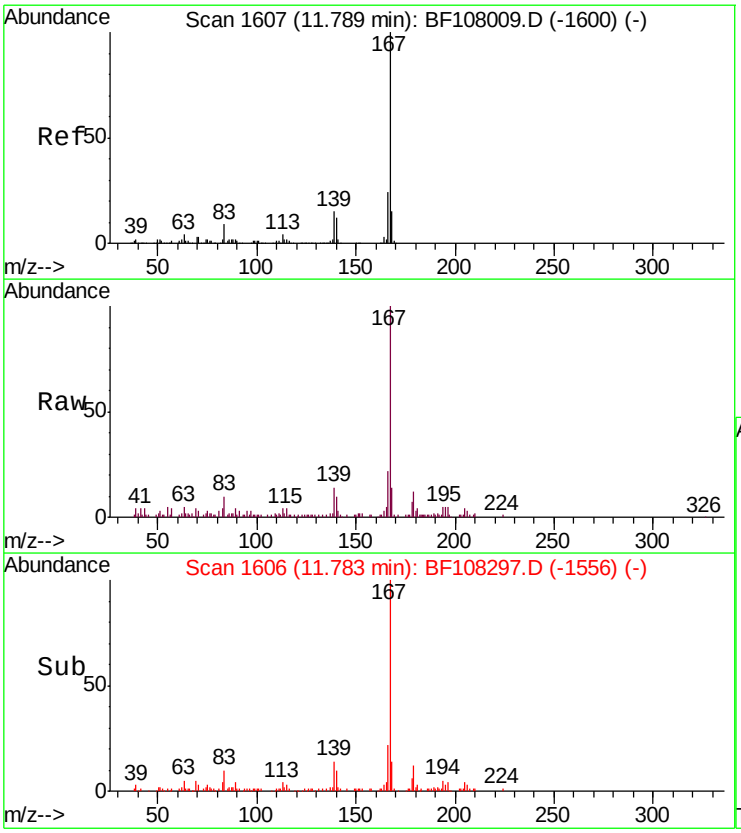
#71
Anthracene
Concen: 21.962 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:178 Resp: 506598

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

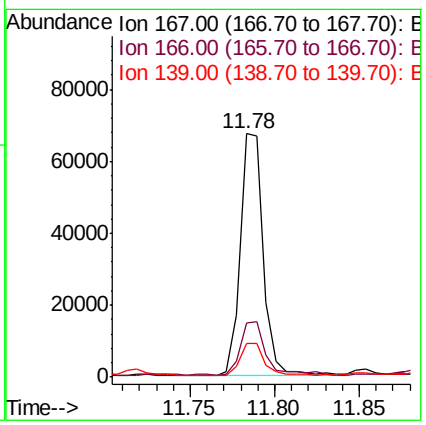


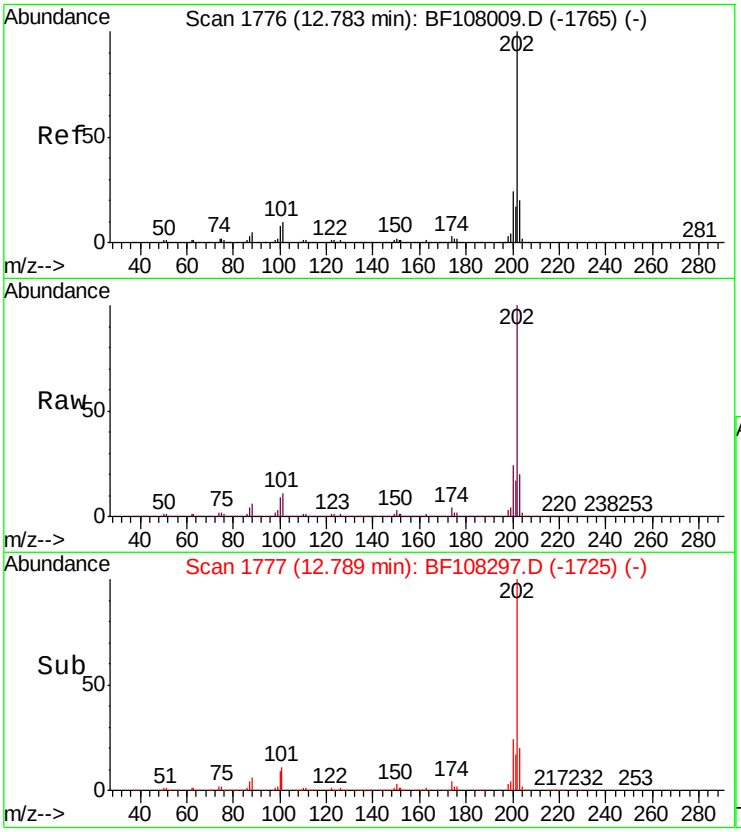


#72
Carbazole
Concen: 3.145 ng
RT: 11.78 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:167 Resp: 64449

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3



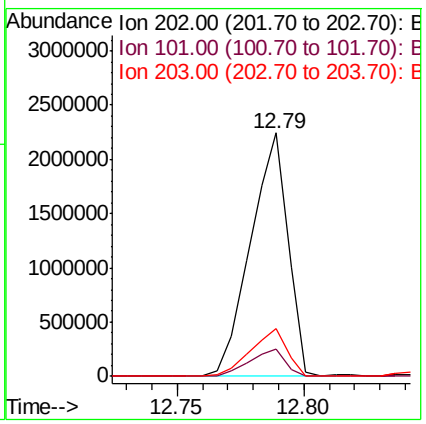


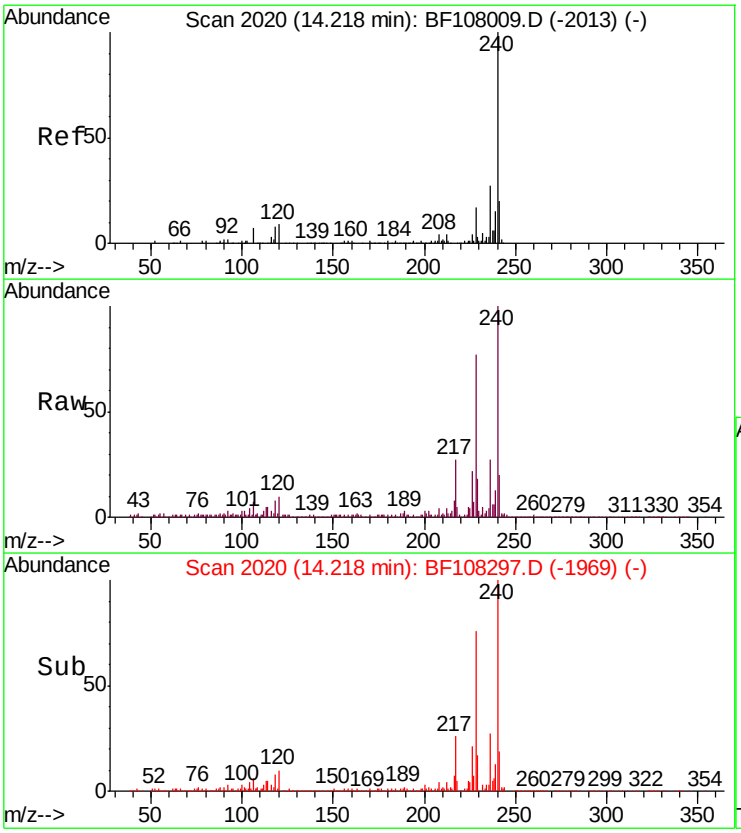
#74
Fluoranthene
Concen: 94.262 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:202 Resp: 2315326

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	19.7	0.0	38.1

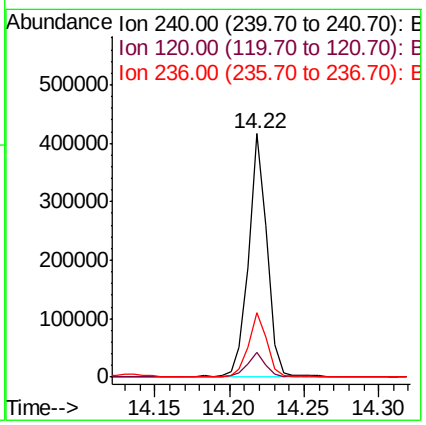


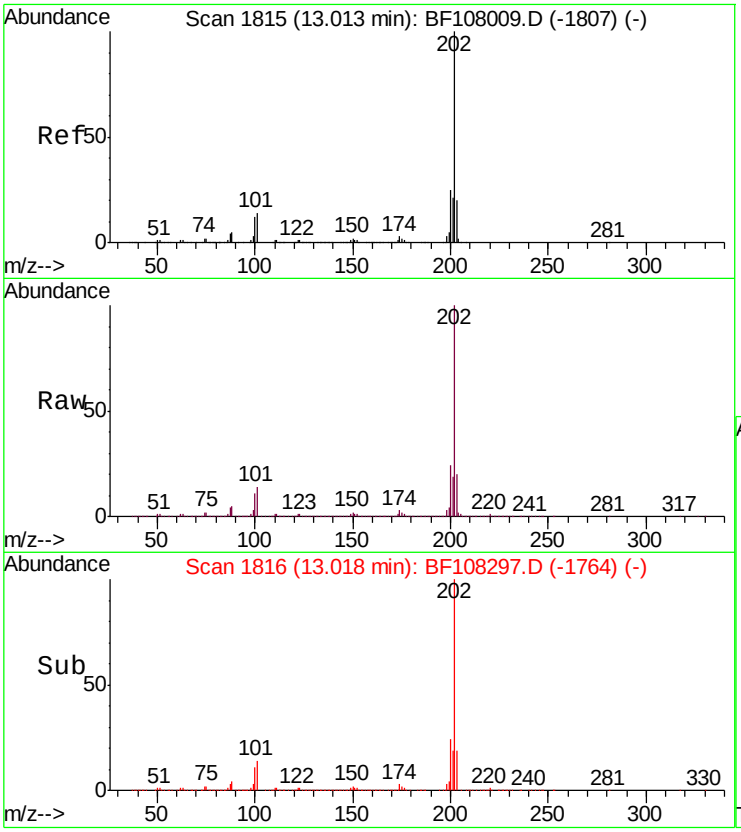


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:240 Resp: 349842

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.7	20.7	31.1



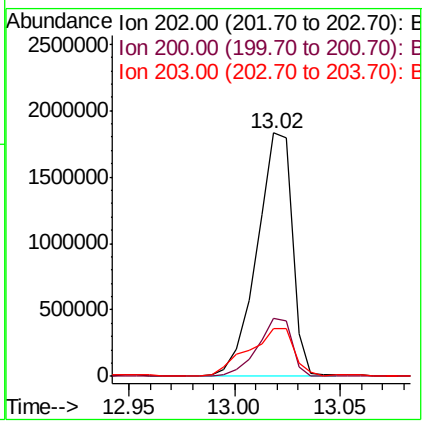


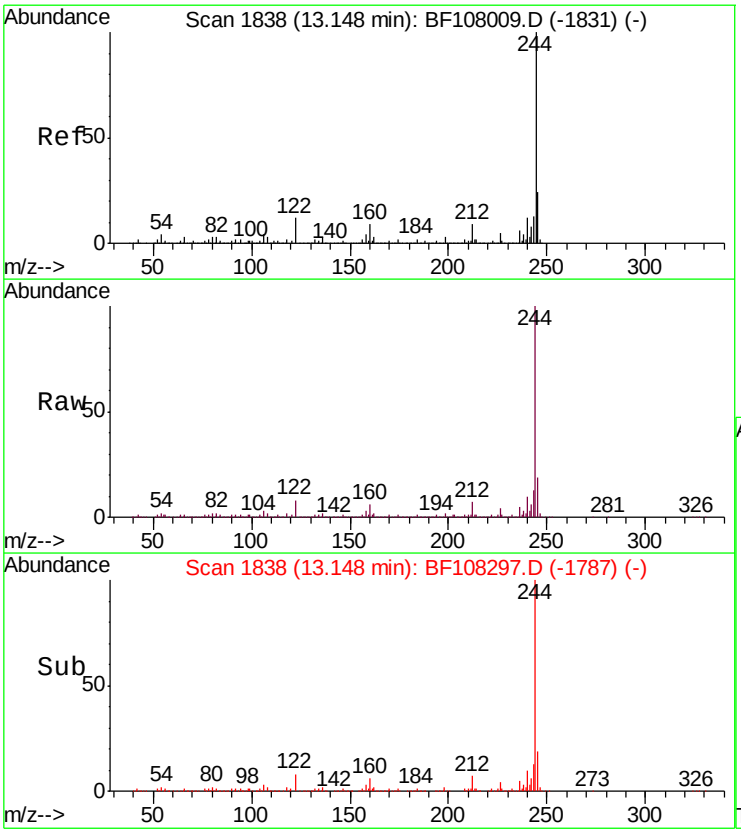
#77
Pyrene
Concen: 96.320 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:202 Resp: 2133361

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.4	26.2
203	19.9	14.3	21.5

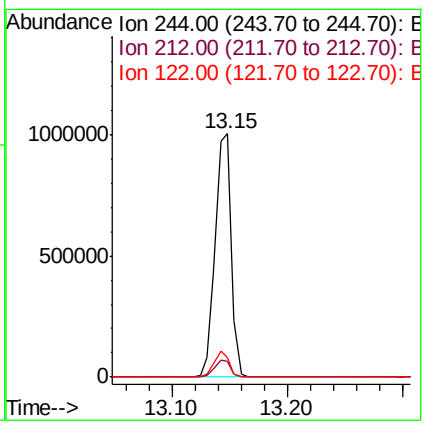


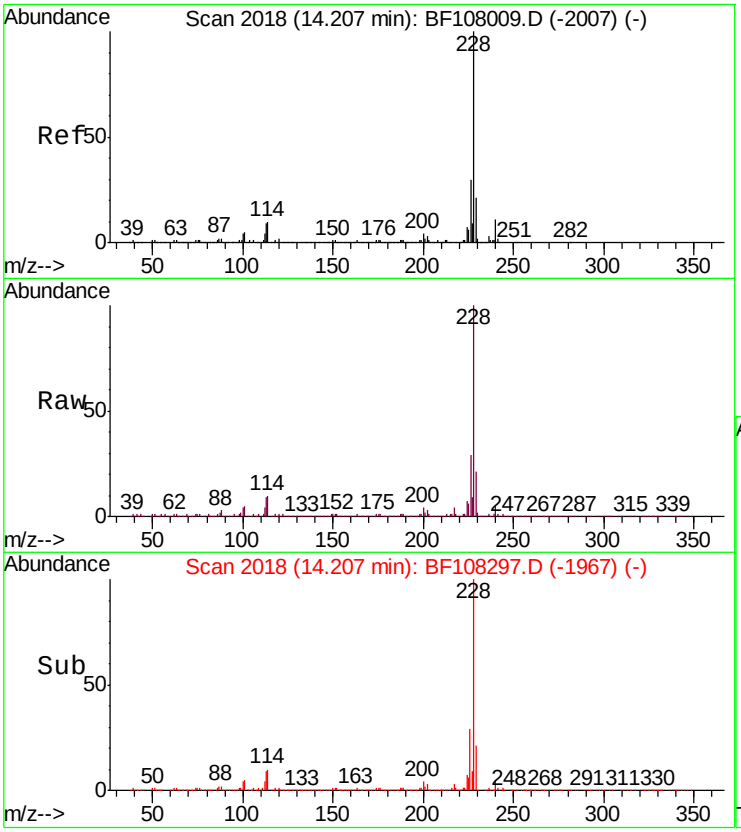


#78
Terphenyl-d14
Concen: 70.737 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:244 Resp: 973297

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.1	11.0	16.4#



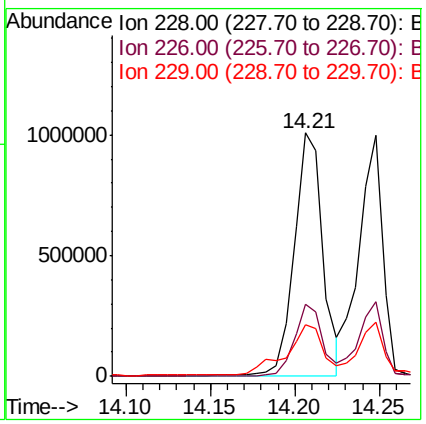


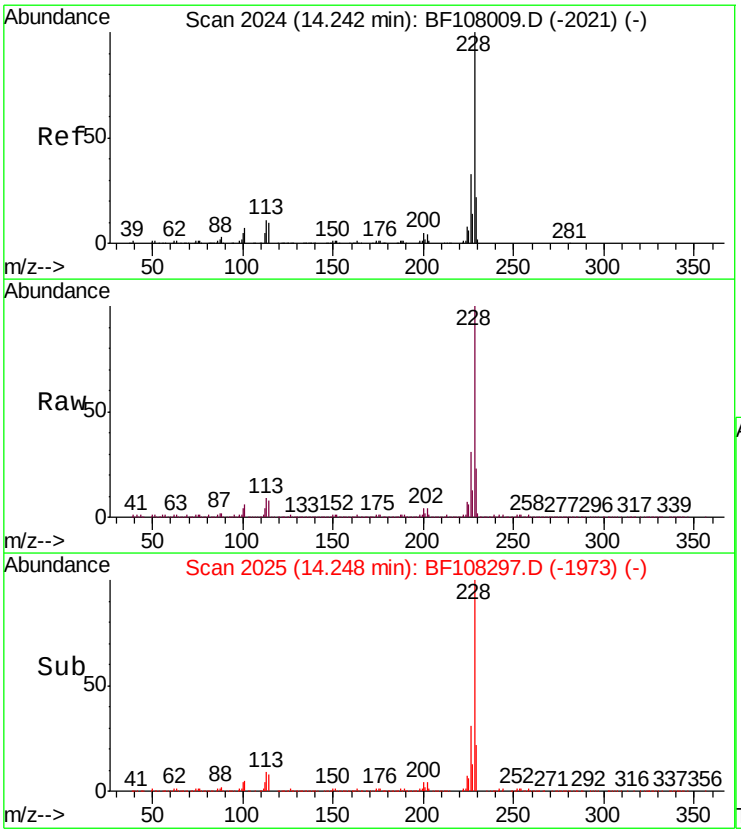
#80
Benzo(a)anthracene
Concen: 58.802 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:228 Resp: 1180583

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.3	15.8	23.6

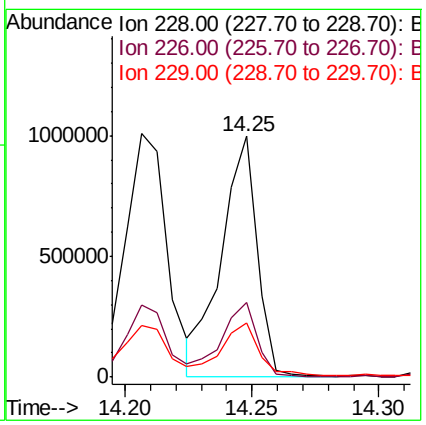


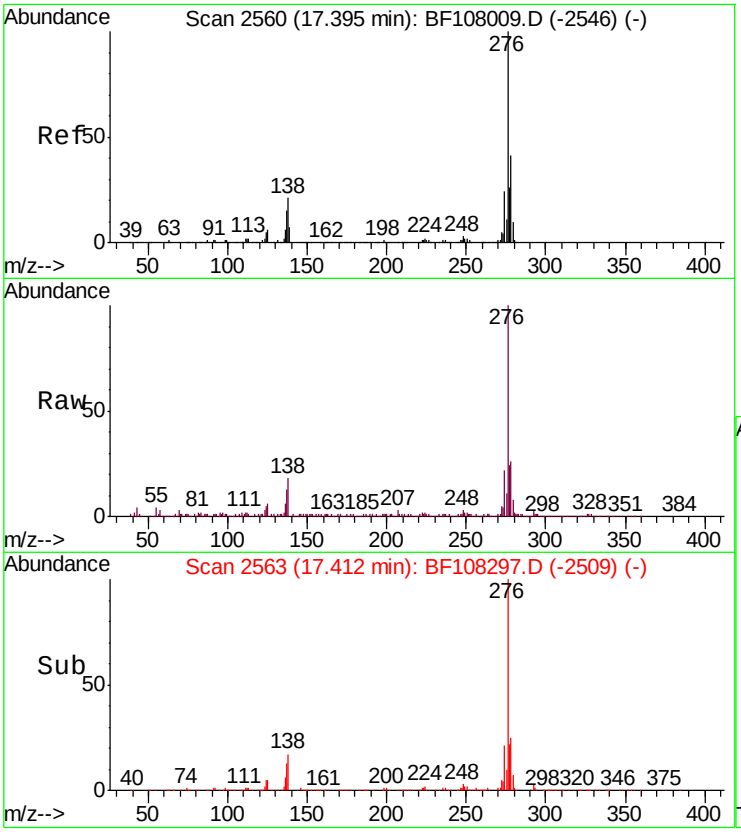


#82
Chrysene
Concen: 52.882 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:228 Resp: 973383

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.7	16.2	24.4



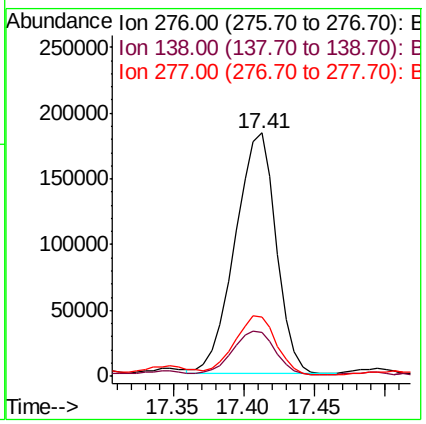


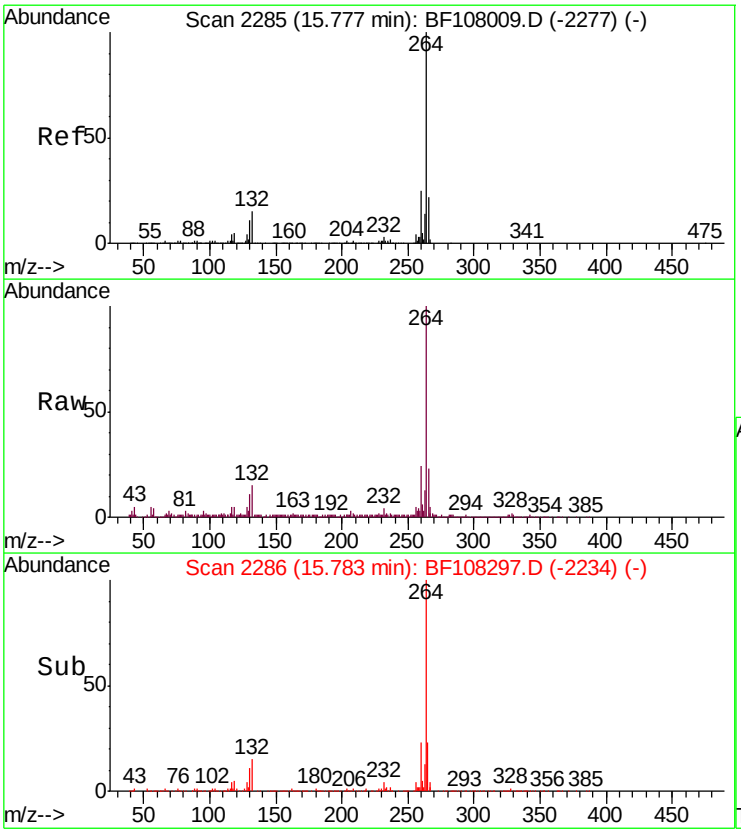
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.313 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:276 Resp: 371805

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	25.0	20.1	30.1

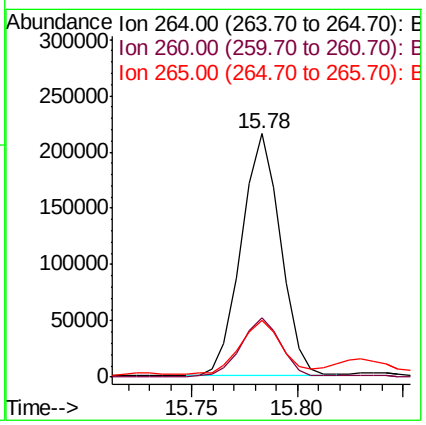


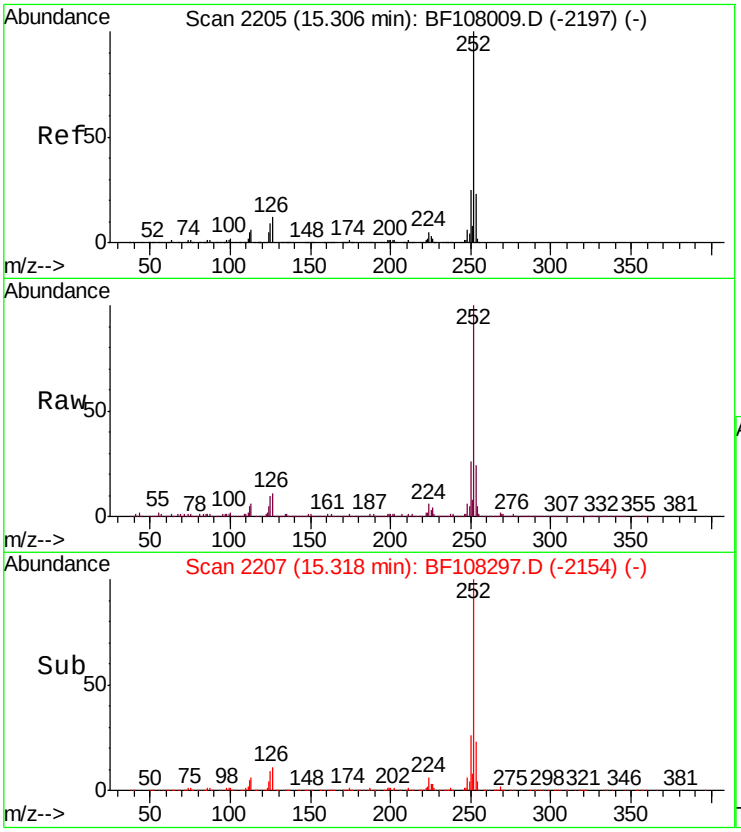


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:264 Resp: 279715

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.3	17.5	26.3



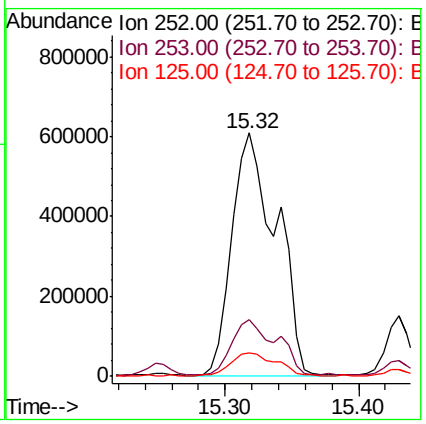


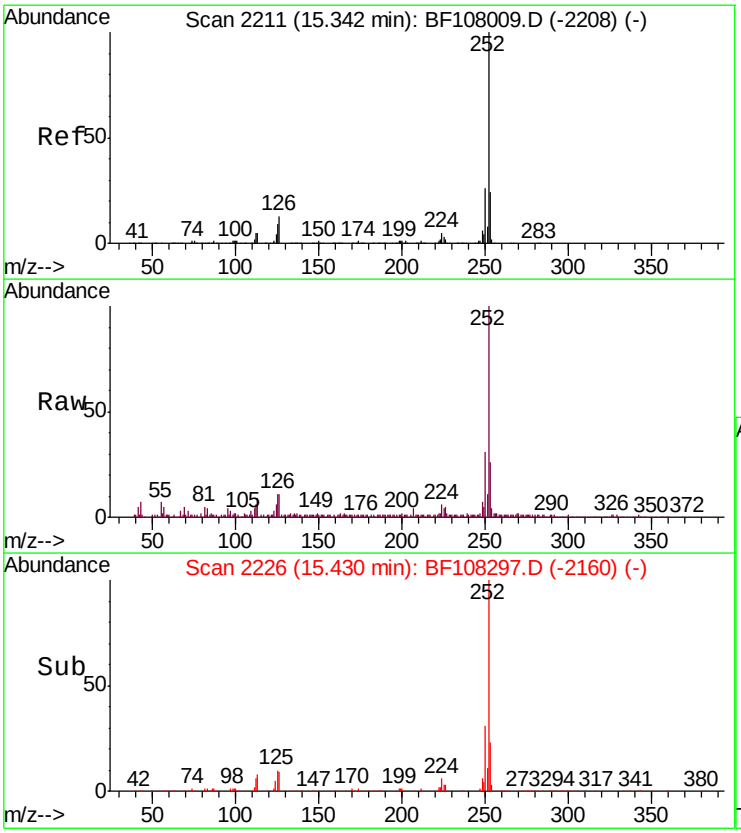
#87
Benzo(b)fluoranthene
Concen: 84.215 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:252 Resp: 1407575

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	9.9	9.0	13.6

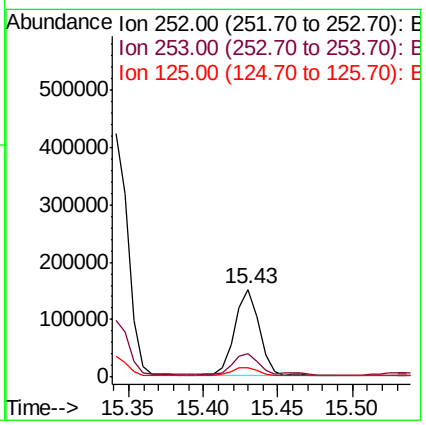


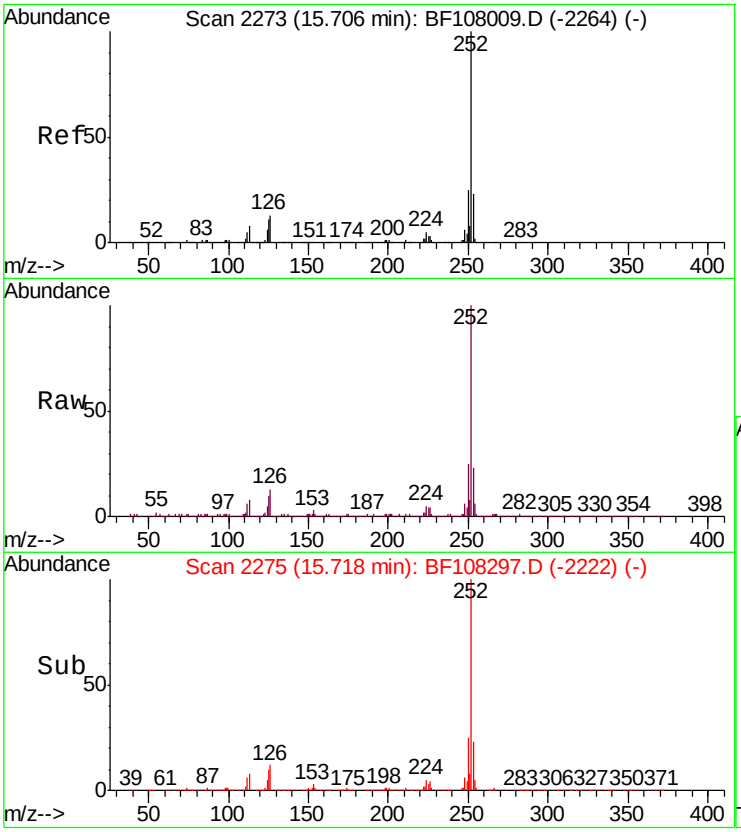


#88
Benzo(k)fluoranthene
Concen: 11.626 ng
RT: 15.43 min Scan# 2226
Delta R.T. 0.09 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:252 Resp: 178630

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	11.2	10.2	15.2



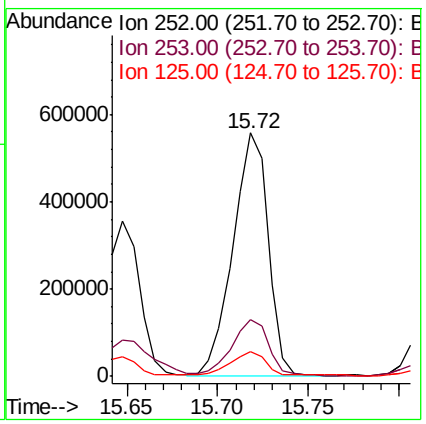


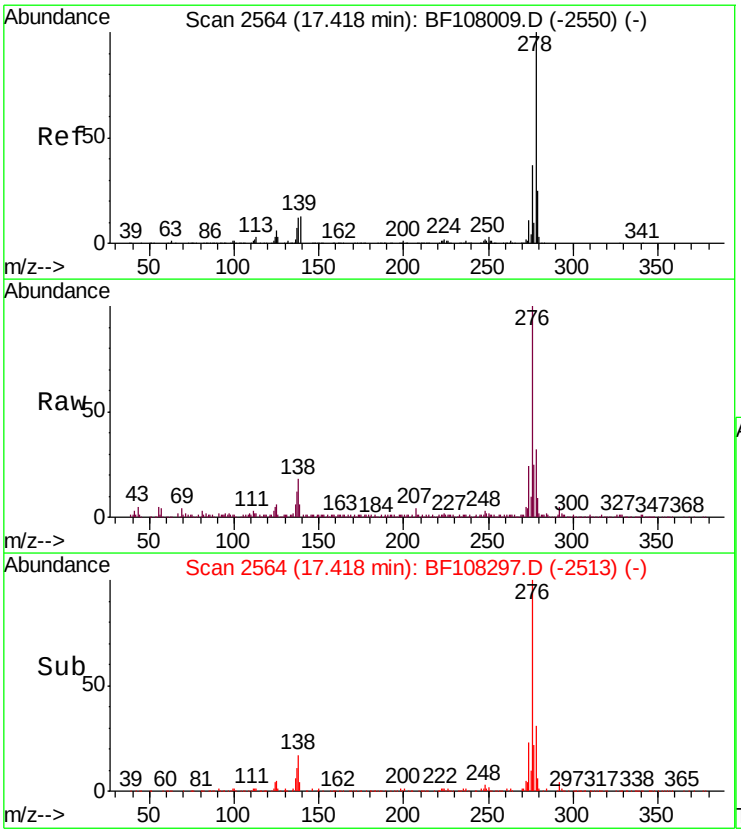
#89
Benzo(a)pyrene
Concen: 50.104 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:252 Resp: 749909

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.4	9.8	14.6

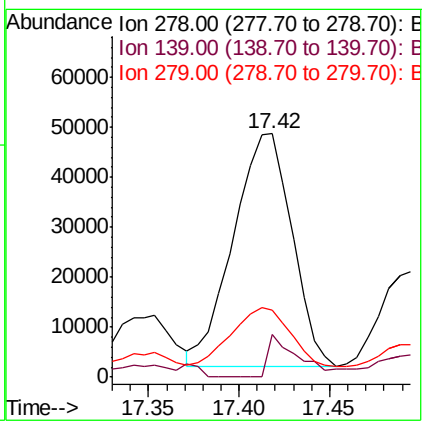


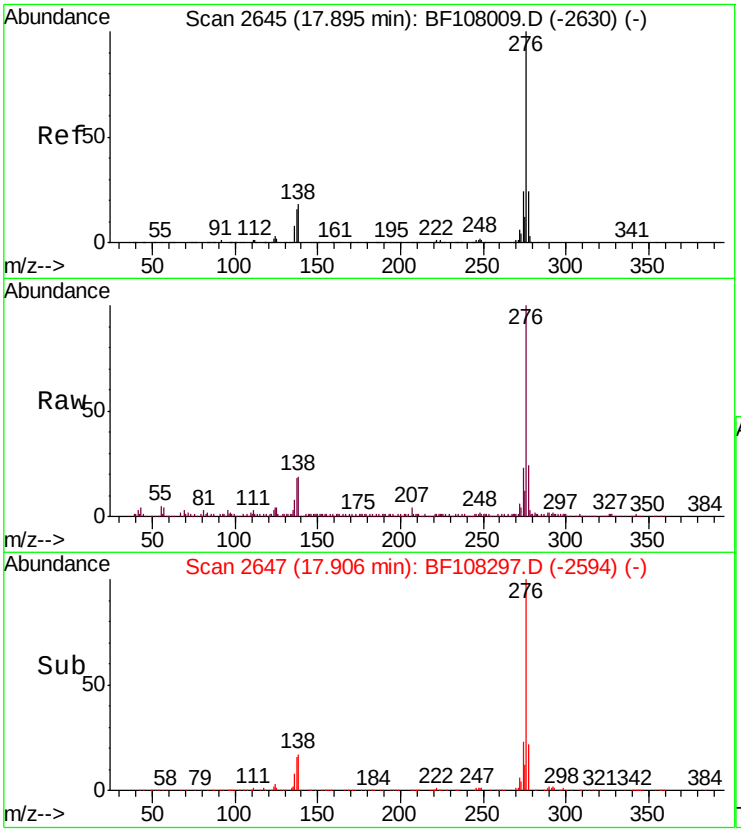


#90
Dibenzo(a,h)anthracene
Concen: 8.449 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Tgt Ion:278 Resp: 104635

Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	27.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 27.915 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108297.D
Acq: 20 Aug 2018 18:30

Instrument :
BNA_F
ClientSampleId :
72-11979

Tgt Ion:276 Resp: 340405

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	19.1	21.8	32.8#