Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108210.D
Acq On : 16 Aug 2018 22:13
Operator : JU/SJ
Sample : J4499-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-05(0-1)

Quant Time: Aug 17 04:07:54 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	157939	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	595581	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	277927	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	511217	20.00	ng		0.00
75) Chrysene-d12	14.21	240	477934	20.00	ng		0.00
86) Perylene-d12	15.78	264	354079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	149810	17.17	ng		0.00
7) Phenol-d6	6.62	99	204769	17.66	ng		0.00
23) Nitrobenzene-d5	7.57	82	129589	12.14	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	46539	16.79	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	249198	14.40	ng		0.00
78) Terphenyl-d14	13.14	244	252648	13.44	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	16866	2.151	ng	#	83
25) Isophorone	7.57	82	129587	6.370	ng	#	64
50) 2,6-Dinitrotoluene	10.06	165	35596	8.788	ng	#	26
55) 4-Nitrophenol	10.27	139	10807	3.220	ng	#	9
56) 2,4-Dinitrotoluene	10.06	165	35596	6.827	ng	#	23
70) Phenanthrene	11.58	178	461453	19.138	ng		98
71) Anthracene	11.63	178	85770	3.471	ng		99
72) Carbazole	11.78	167	62229	2.834	ng		97
74) Fluoranthene	12.78	202	600092	22.804	ng		96
77) Pyrene	13.01	202	468486	15.483	ng		98
80) Benzo(a)anthracene	14.20	228	229336	8.361	ng		100
82) Chrysene	14.24	228	202757	8.063	ng		98
85) Indeno(1,2,3-cd)pyrene	17.38	276	68293	3.134	ng	#	88
87) Benzo(b)fluoranthene	15.30	252	293544	13.874	ng		98
88) Benzo(k)fluoranthene	15.30	252	293181	15.074	ng		98
89) Benzo(a)pyrene	15.70	252	134809	7.115	ng		97
91) Benzo(g,h,i)perylene	17.88	276	62896	4.075	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108210.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

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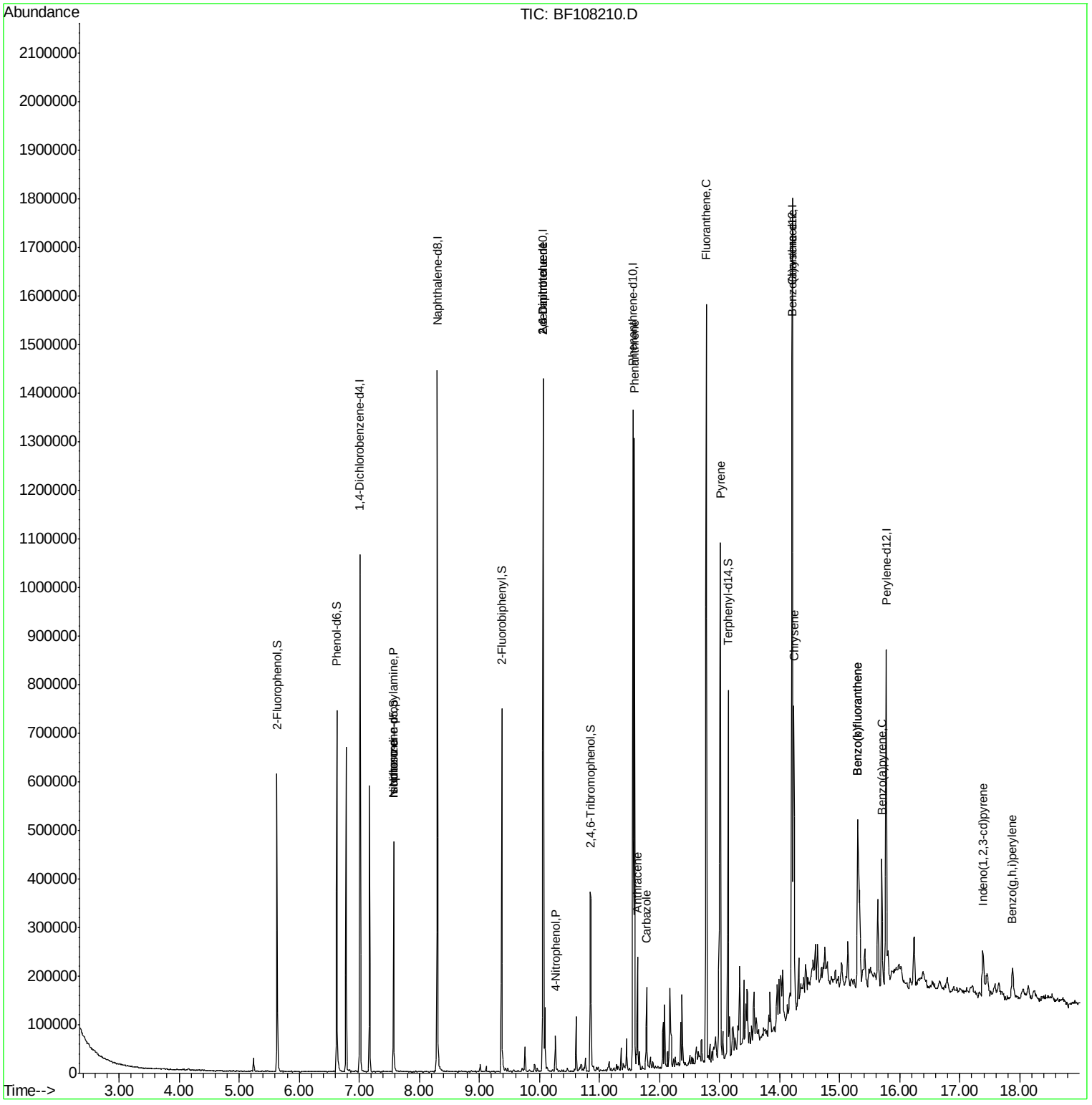
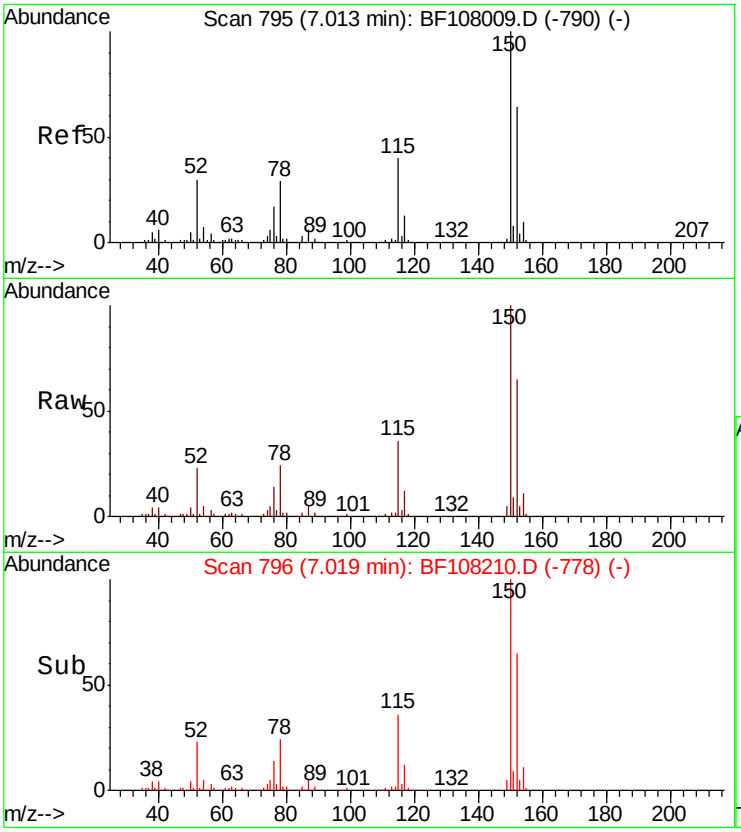
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



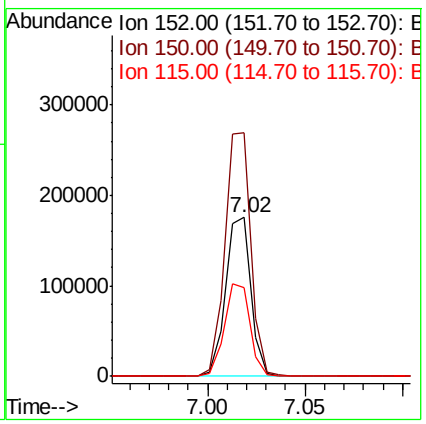


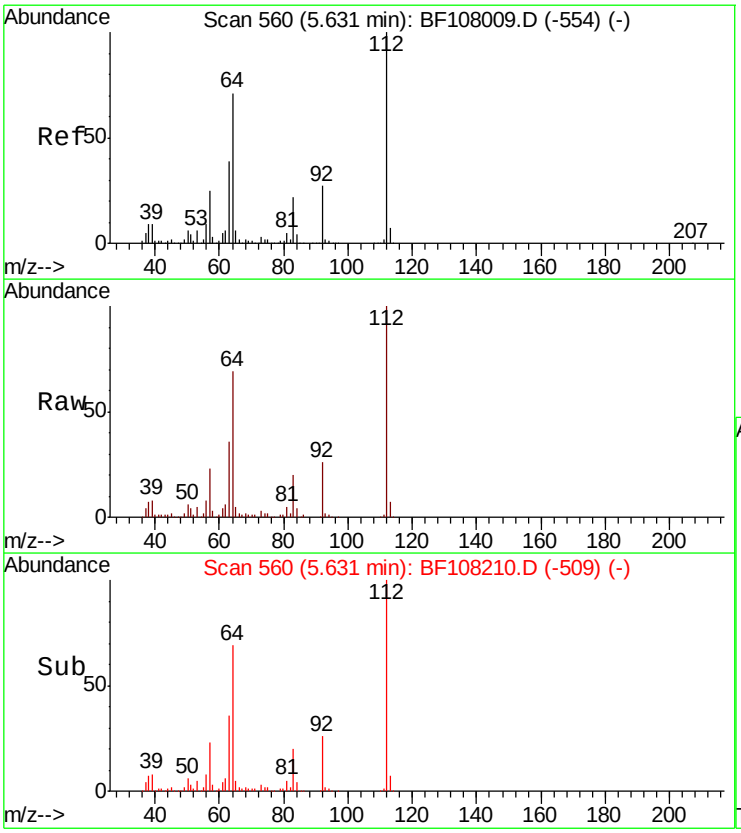
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:152 Resp: 157939

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	55.7	50.1	75.1

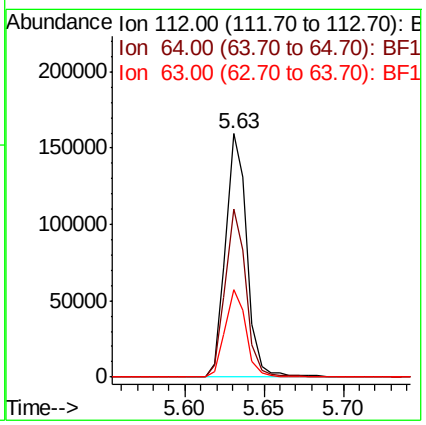


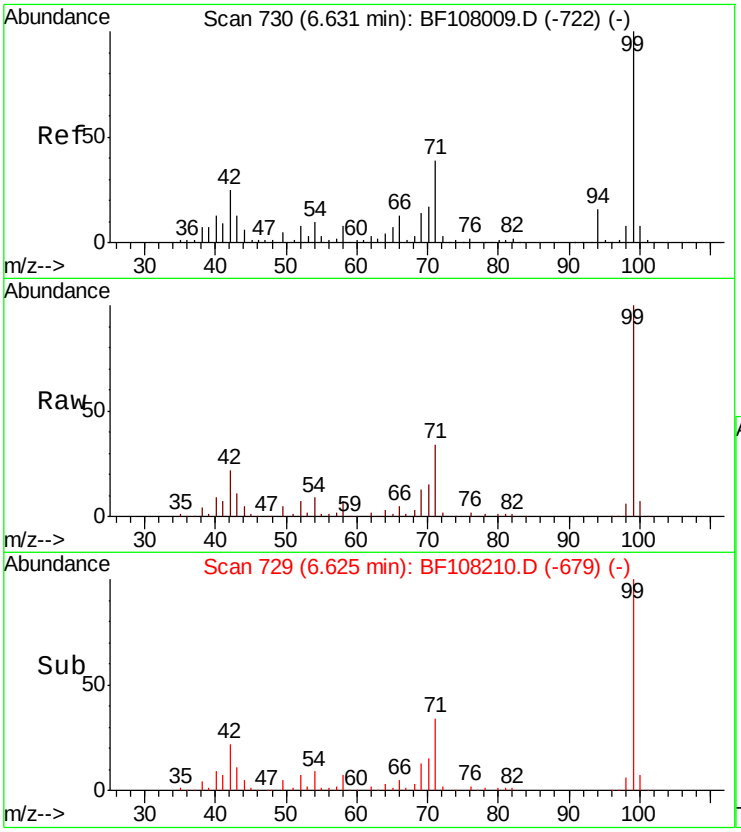


#5
2-Fluorophenol
Concen: 17.173 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:112 Resp: 149810

Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	36.2	23.7	35.5#



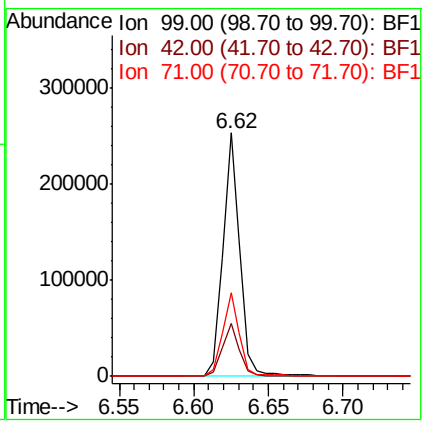


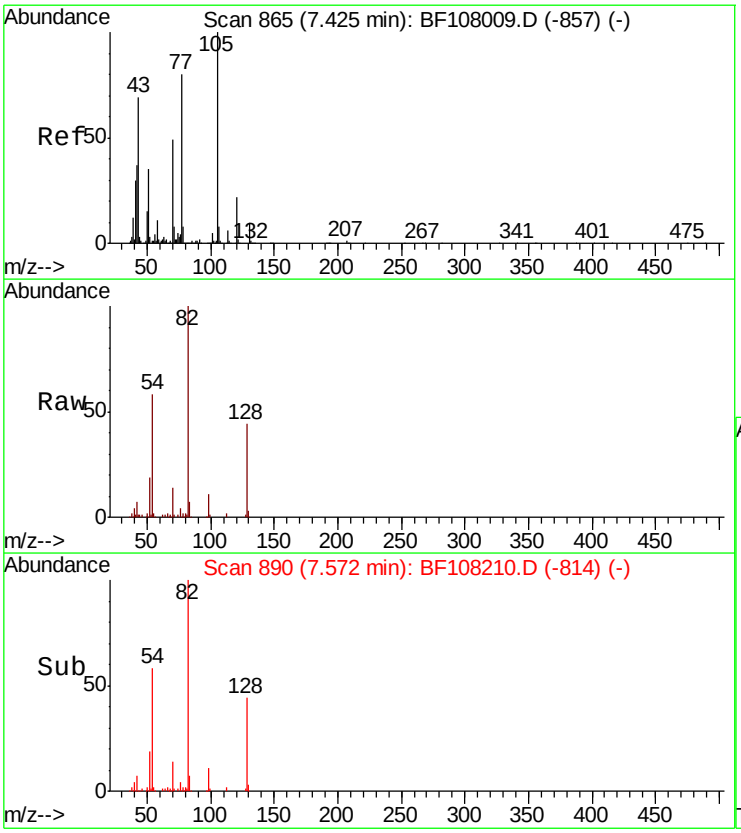
#7
Phenol-d6
Concen: 17.664 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion: 99 Resp: 204769

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	34.4	25.4	38.0

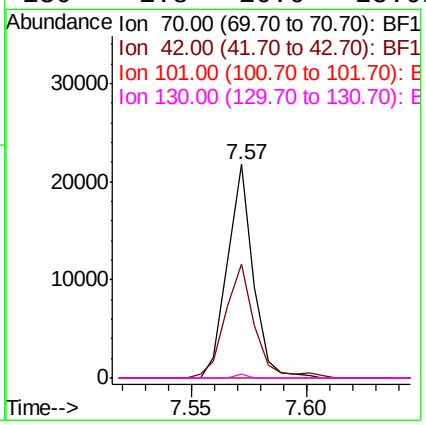


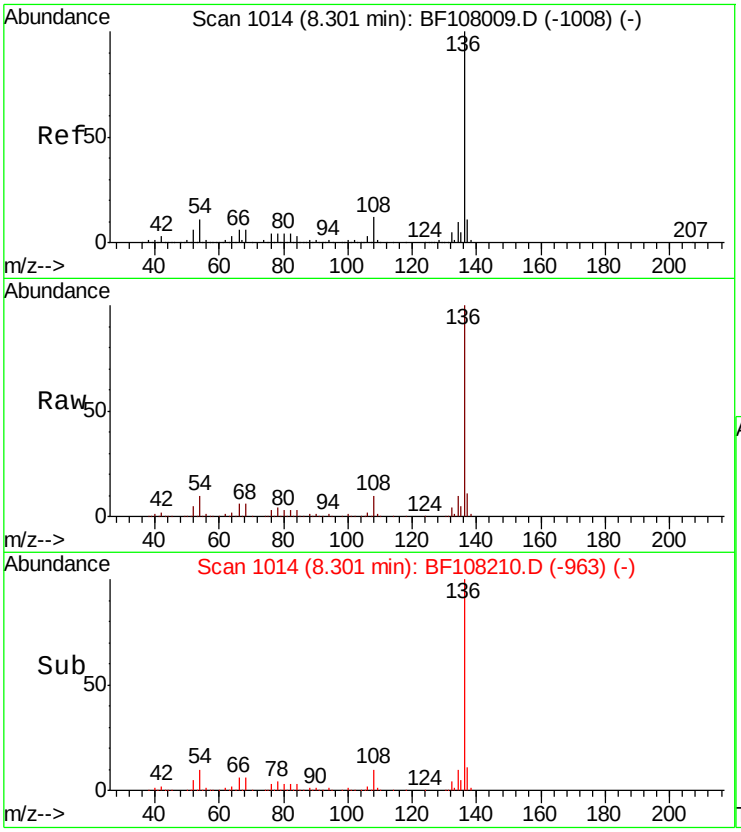


#19
n-Nitroso-di-n-propylamine
Concen: 2.151 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion: 70 Resp: 16866

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



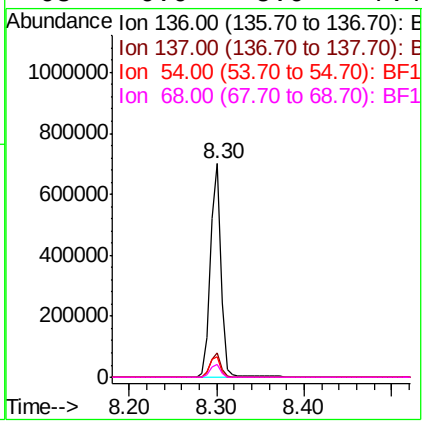


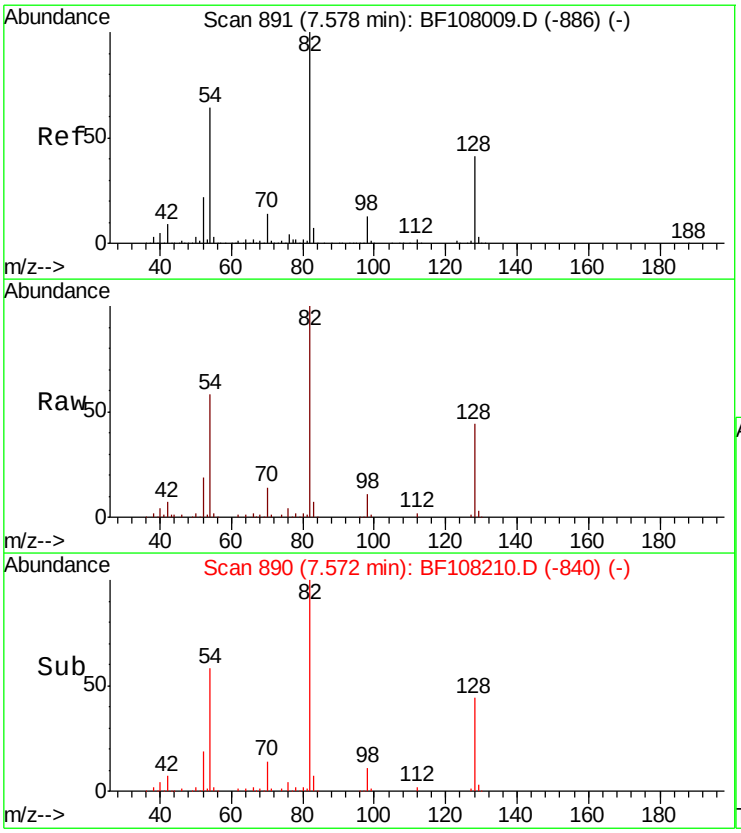
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:136 Resp: 595581

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.0	5.0	7.4

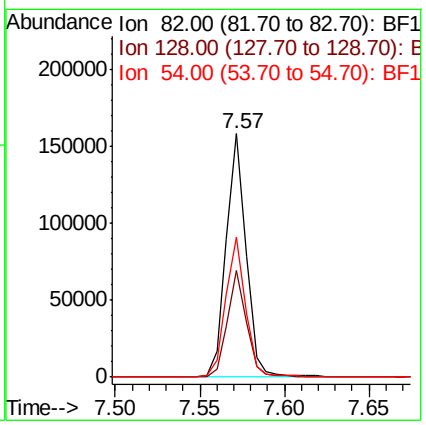


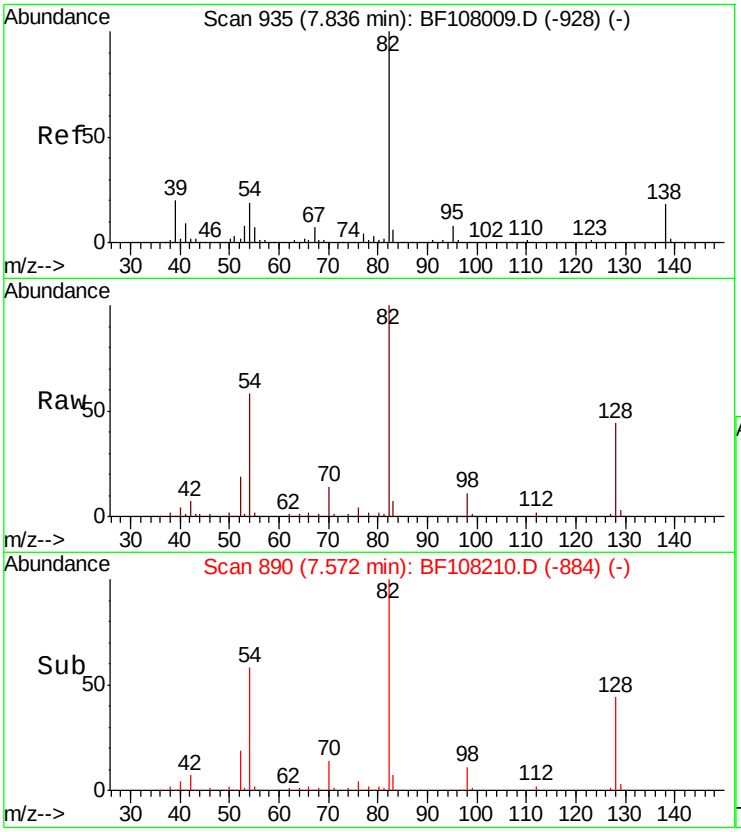


#23
Nitrobenzene-d5
Concen: 12.142 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion: 82 Resp: 129589

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	57.7	41.4	62.2



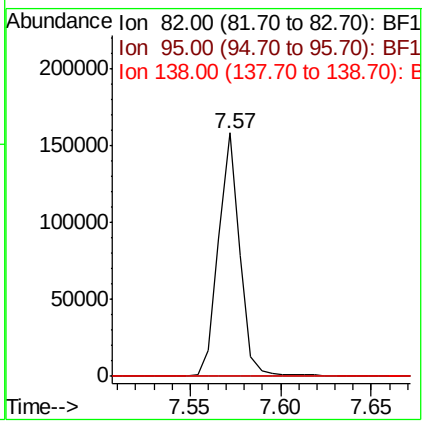


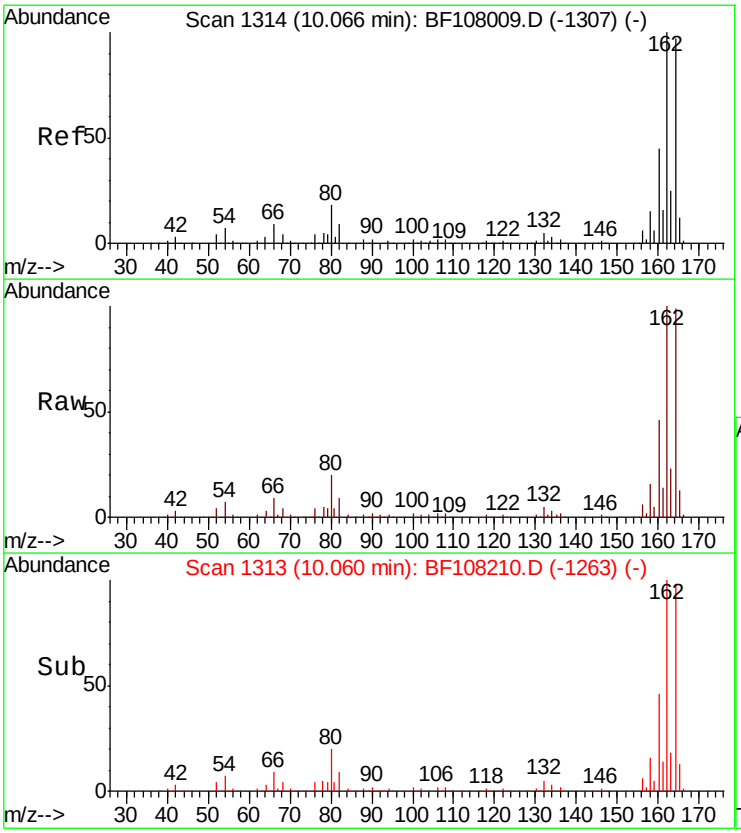
#25
Isophorone
Concen: 6.370 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion: 82 Resp: 129587

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

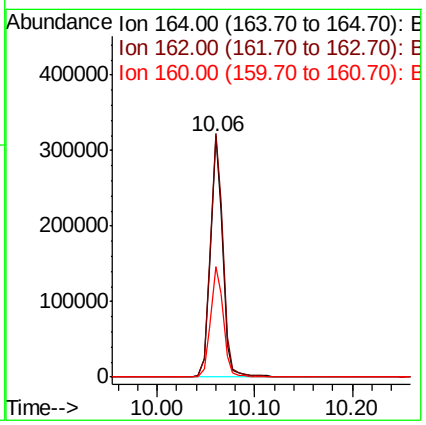


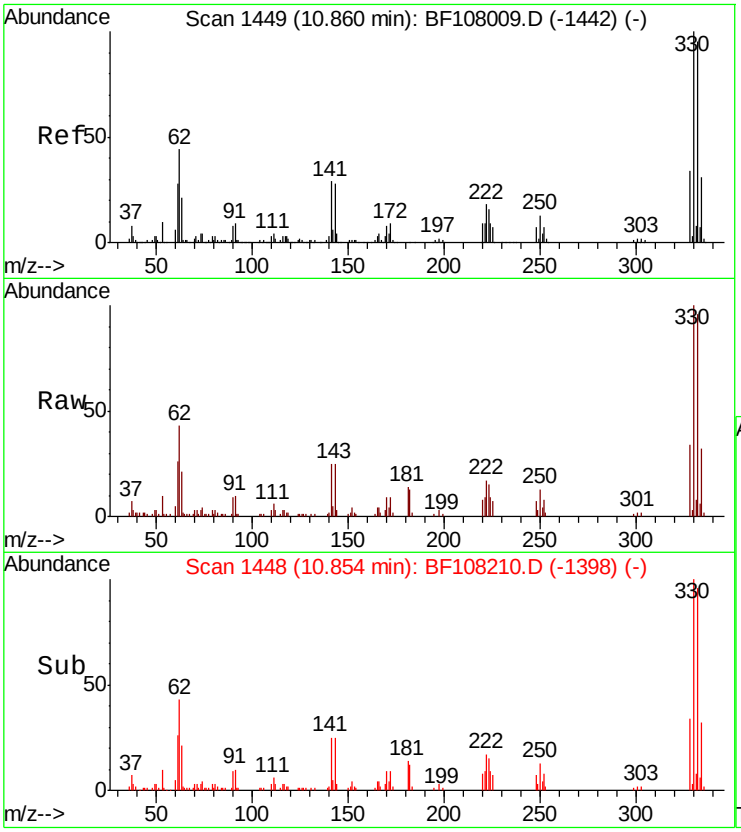


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:164 Resp: 277927

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5



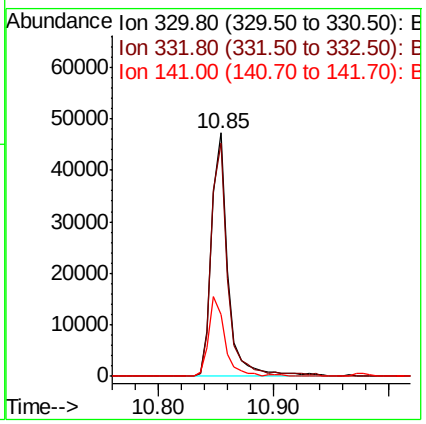


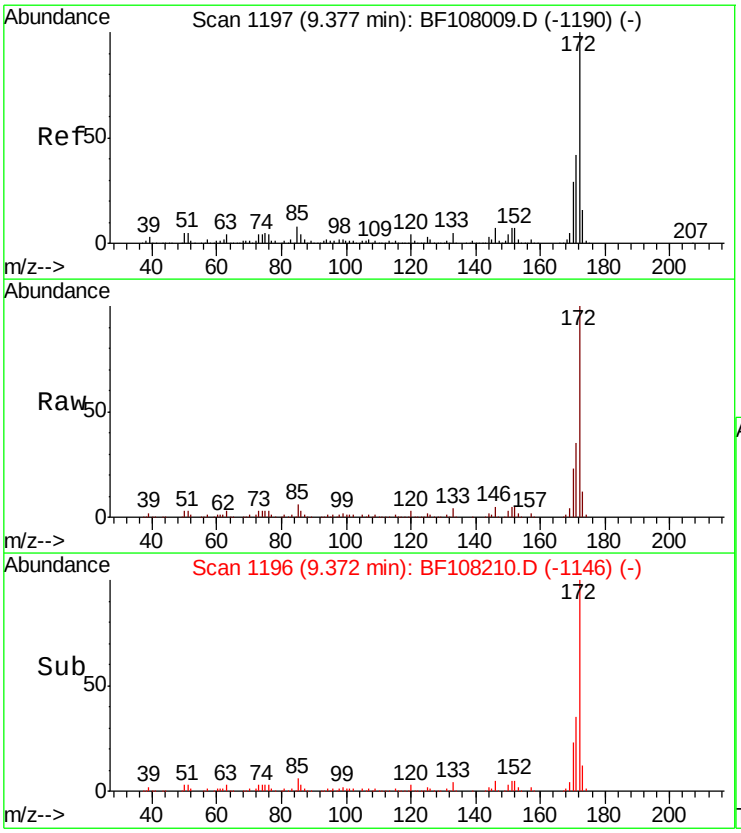
#41
2,4,6-Tribromophenol
Concen: 16.787 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:330 Resp: 46539

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.1	29.9	44.9

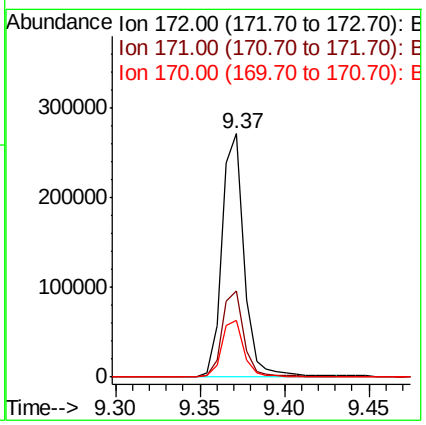


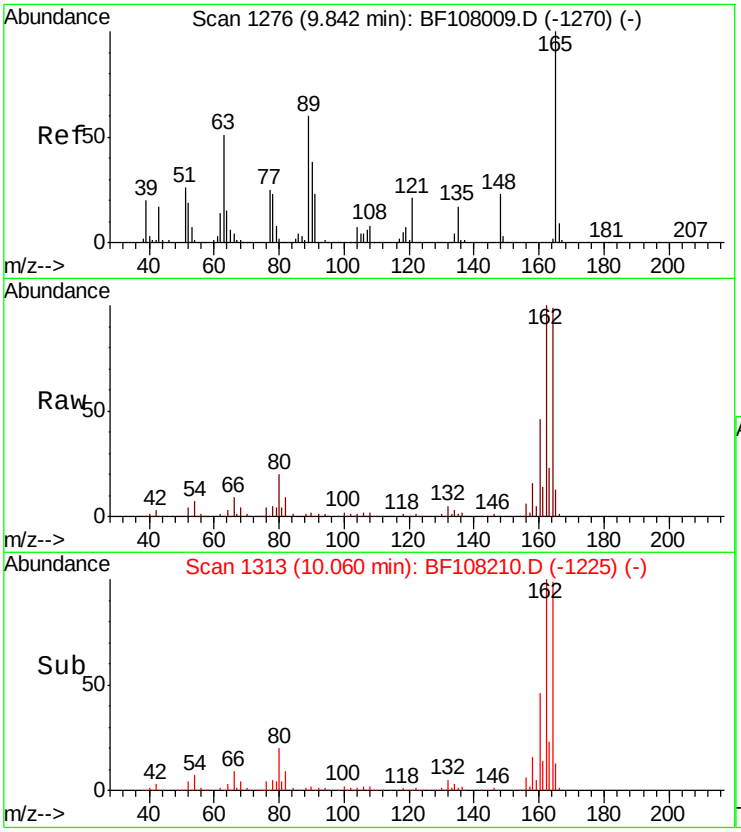


#44
2-Fluorobiphenyl
Concen: 14.395 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:172 Resp: 249198

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.1	19.6	29.4



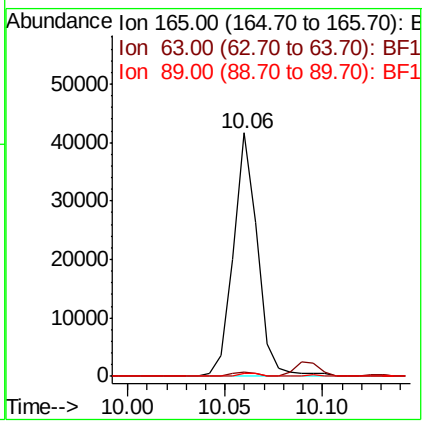


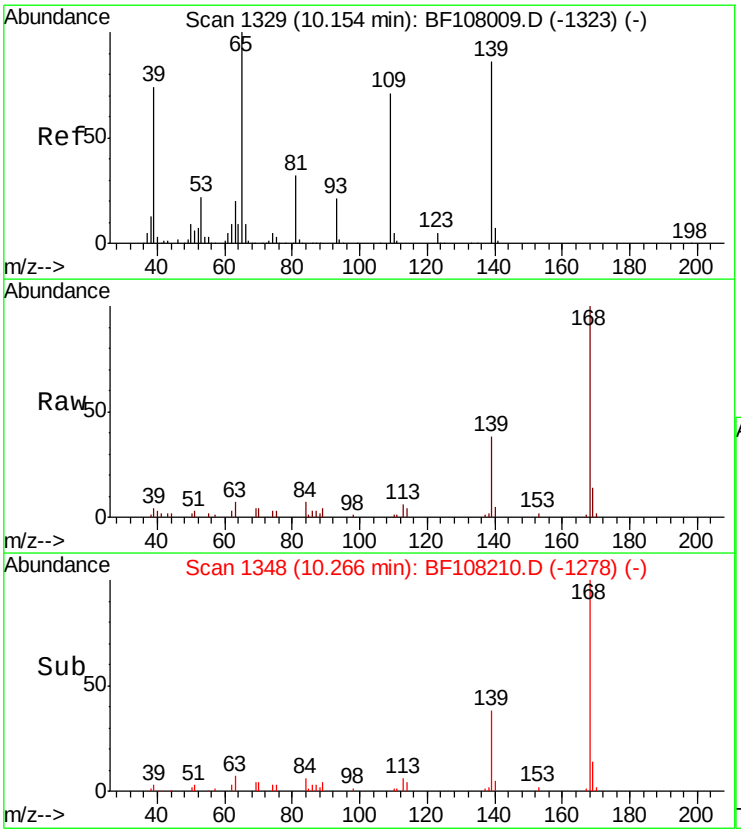
#50
2,6-Dinitrotoluene
Concen: 8.788 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:165 Resp: 35596

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.1	44.0	66.0#

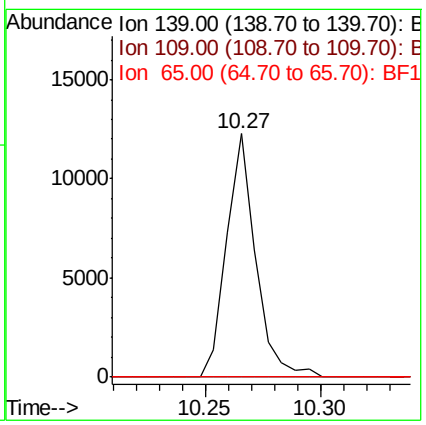


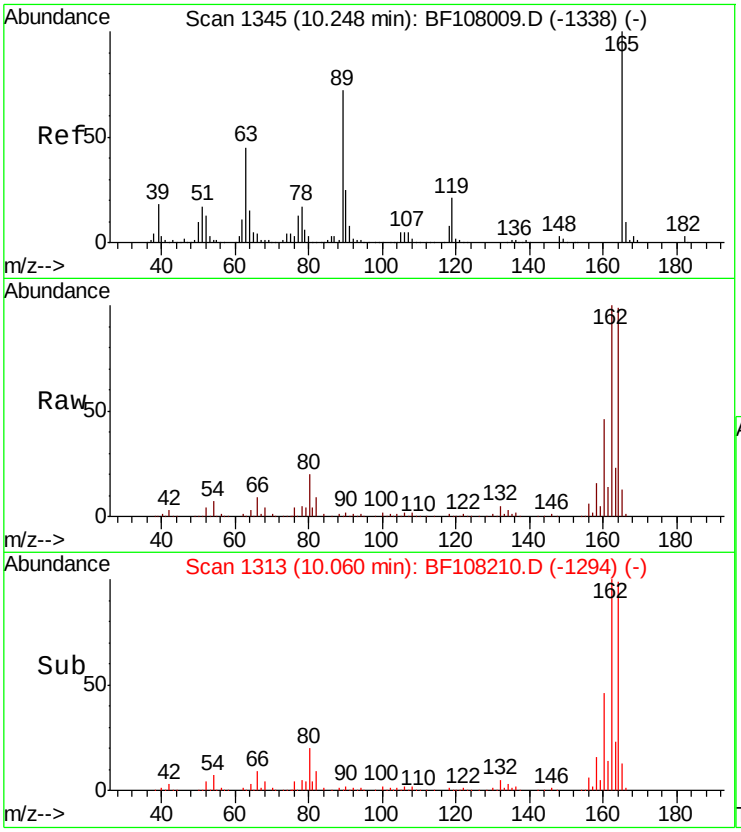


#55
4-Nitrophenol
Concen: 3.220 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.11 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:139 Resp: 10807

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



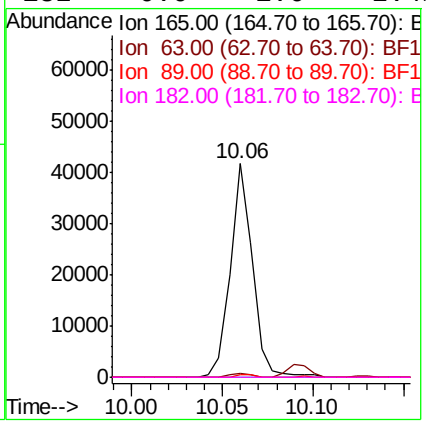


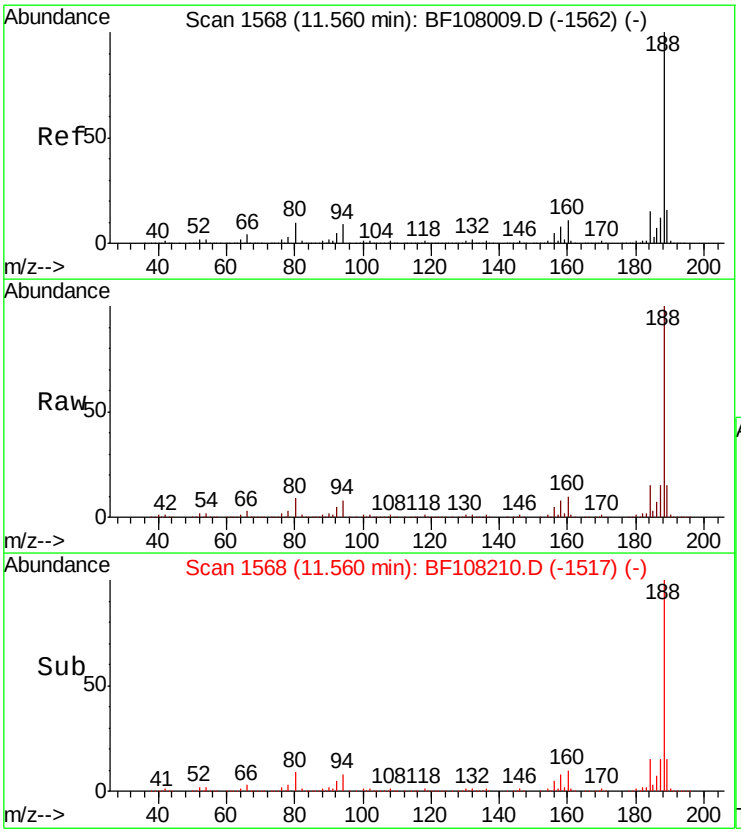
#56
2,4-Dinitrotoluene
Concen: 6.827 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:165 Resp: 35596

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

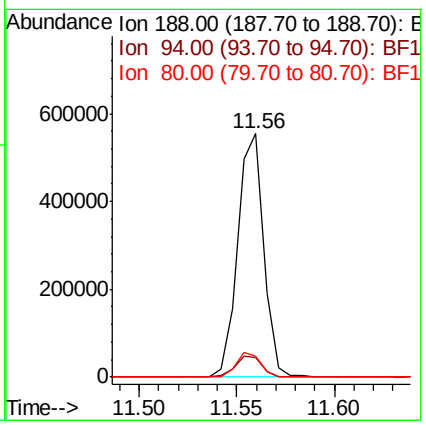


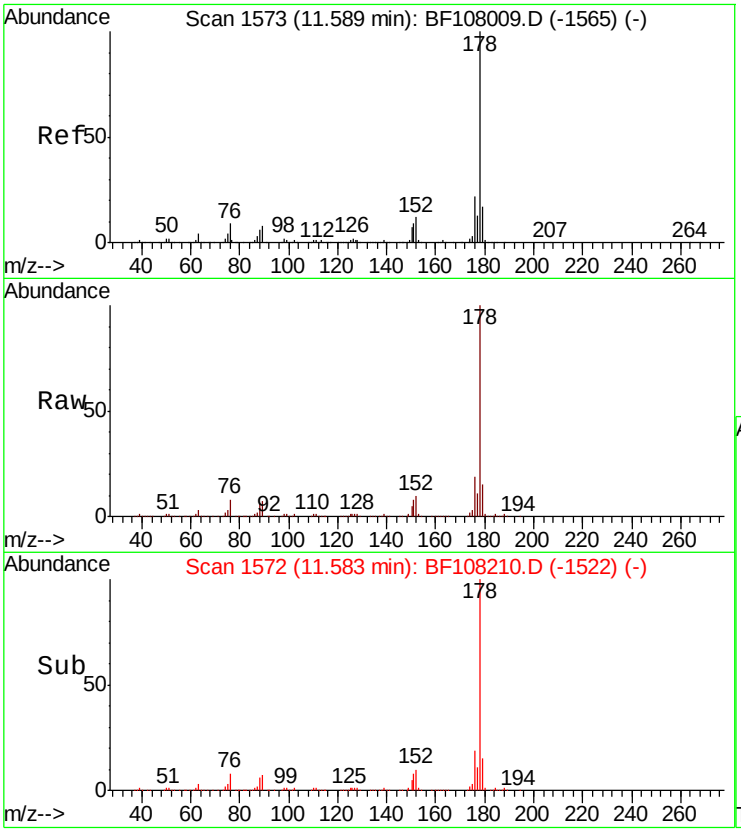


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:188 Resp: 511217

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#



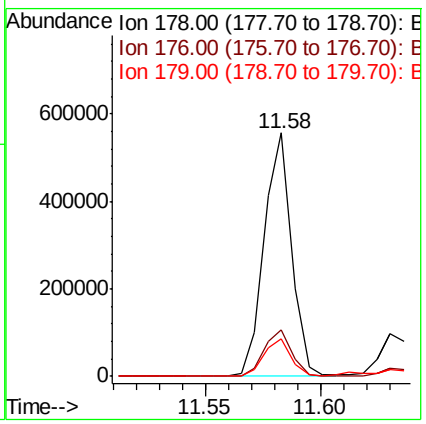


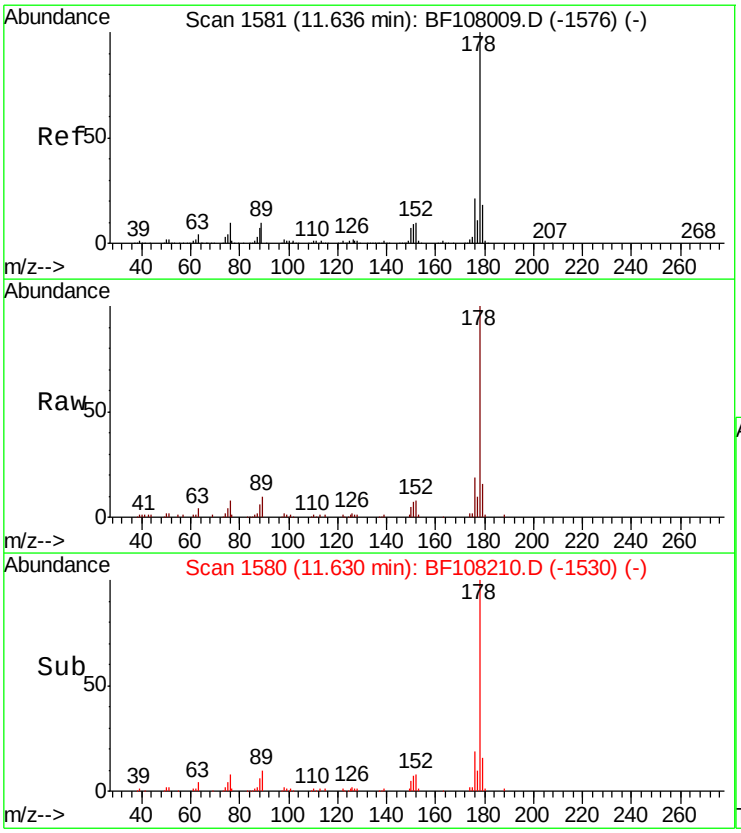
#70
Phenanthrene
Concen: 19.138 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:178 Resp: 461453

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6

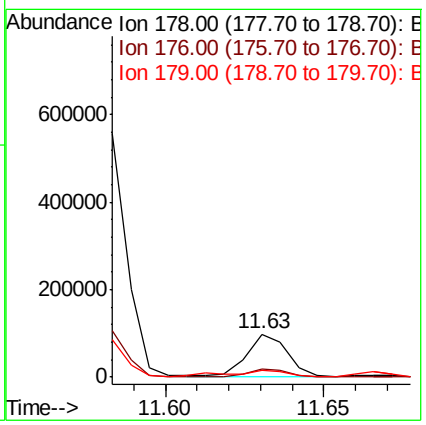


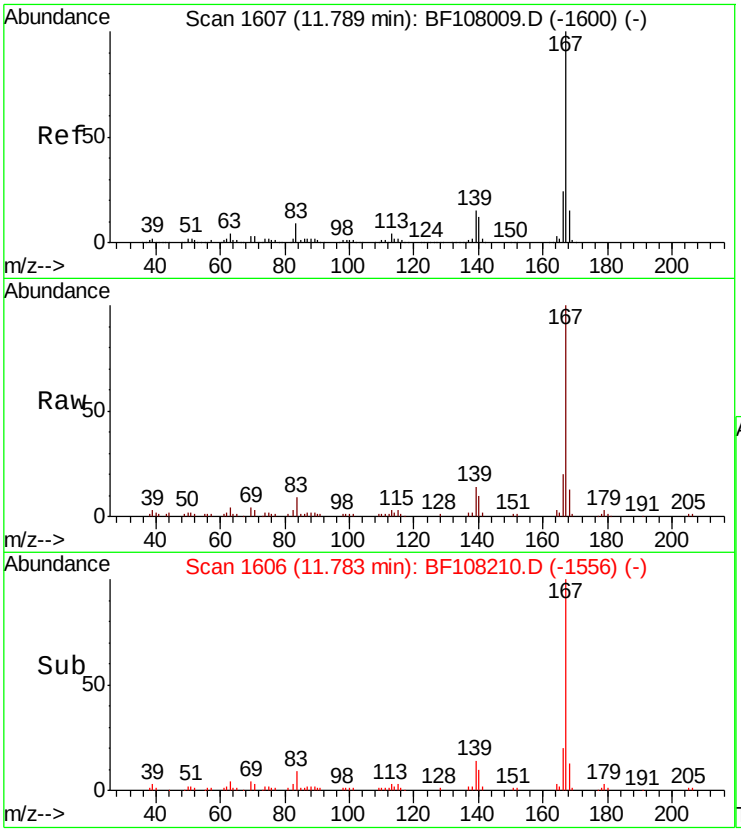


#71
Anthracene
Concen: 3.471 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:178 Resp: 85770

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	19.0



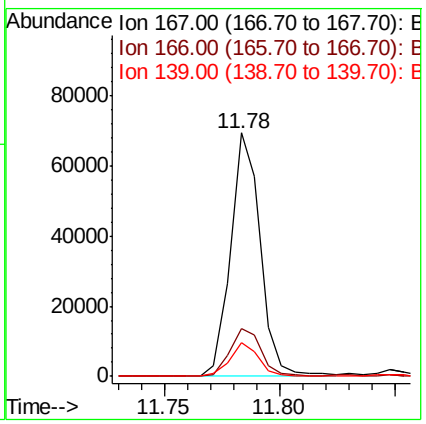


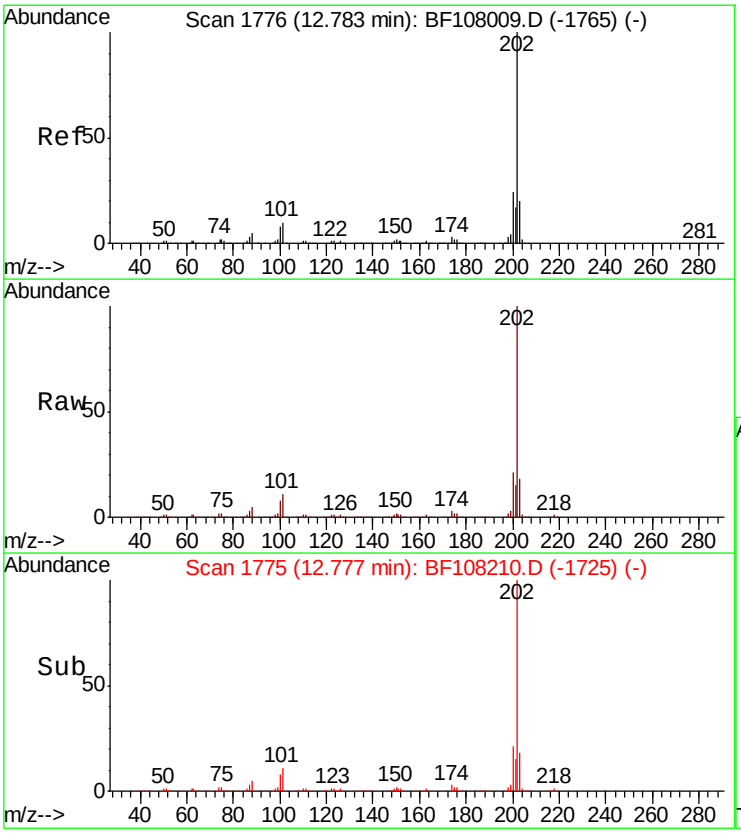
#72
Carbazole
Concen: 2.834 ng
RT: 11.78 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:167 Resp: 62229

Ion	Ratio	Lower	Upper
167	100		
166	19.8	17.6	26.4
139	13.7	10.9	16.3

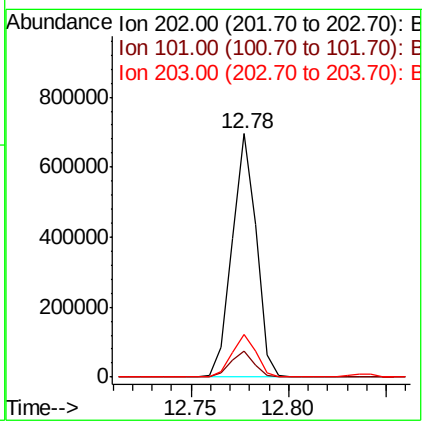


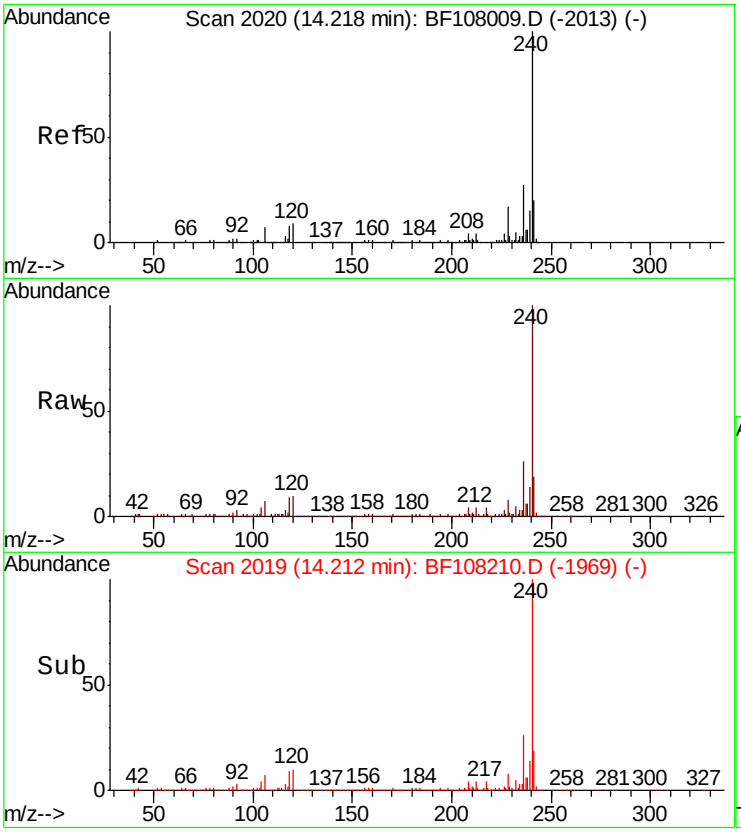


#74
Fluoranthene
Concen: 22.804 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:202 Resp: 600092

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.7	0.0	38.1



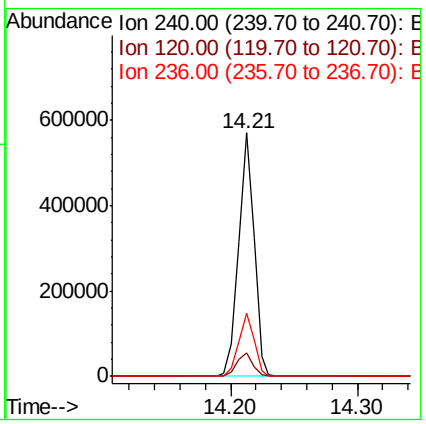


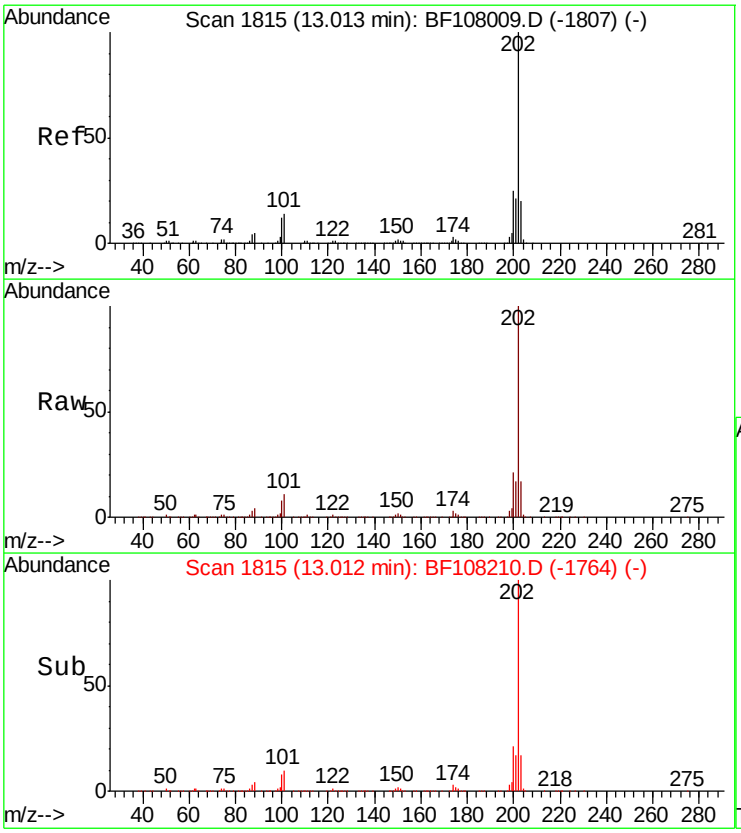
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:240 Resp: 477934

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.9	20.7	31.1

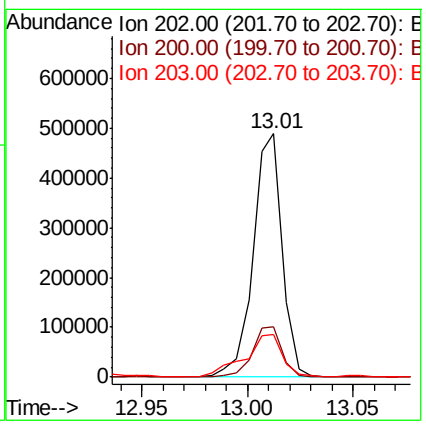


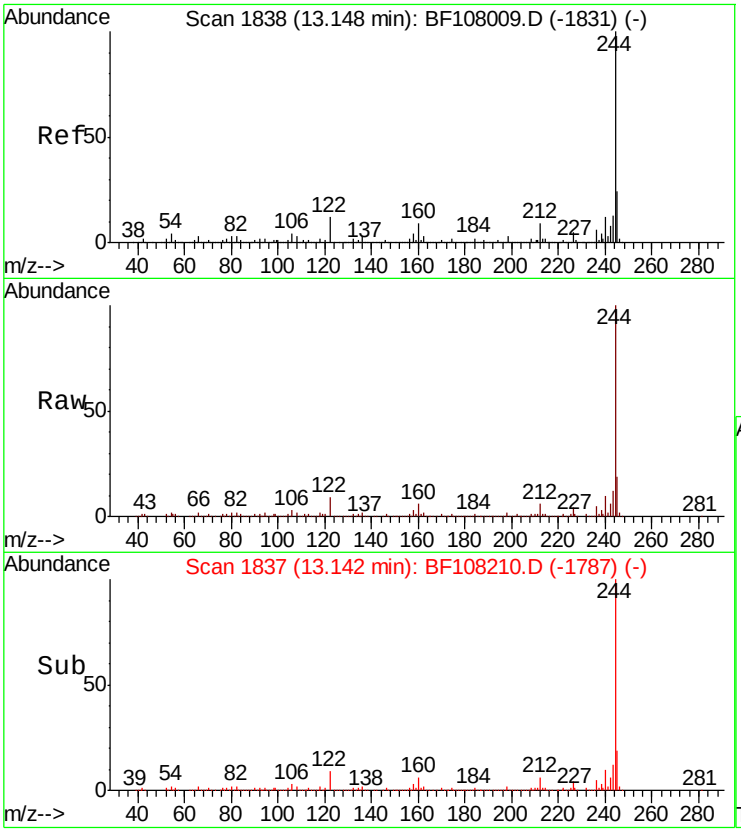


#77
Pyrene
Concen: 15.483 ng
RT: 13.01 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:202 Resp: 468486

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.4	14.3	21.5



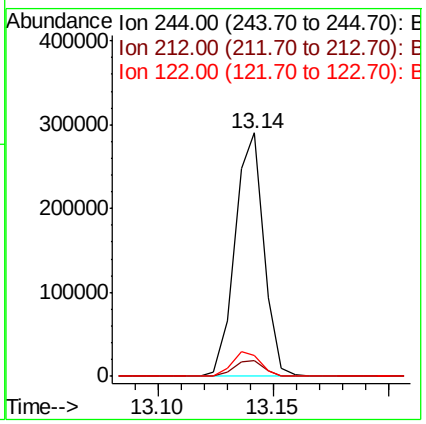


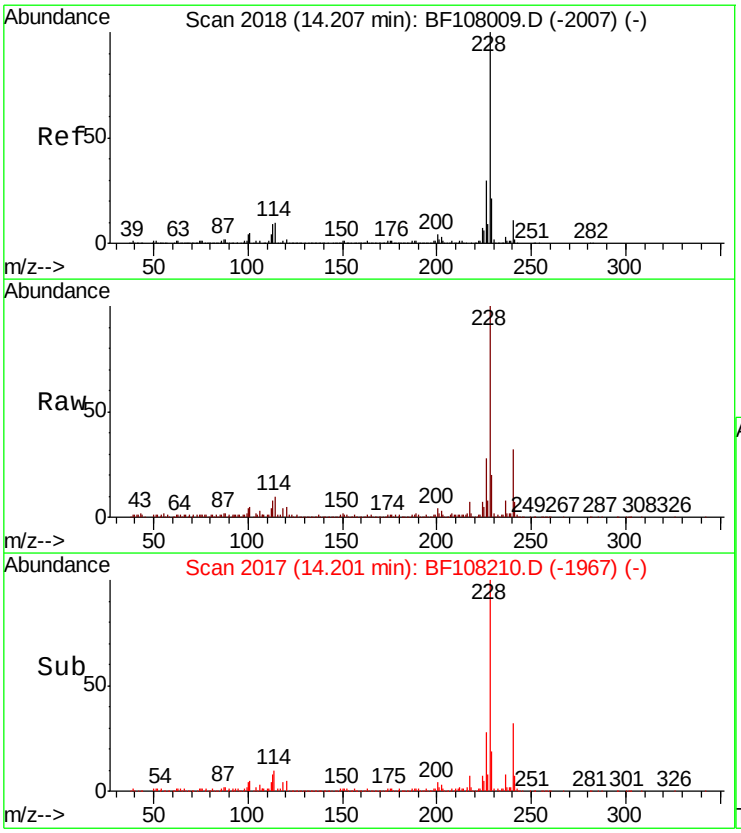
#78
Terphenyl-d14
Concen: 13.441 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:244 Resp: 252648

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.7	11.0	16.4#

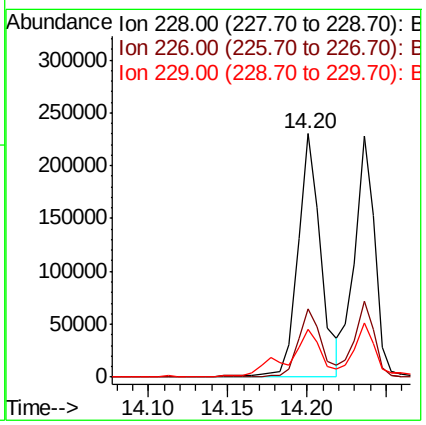


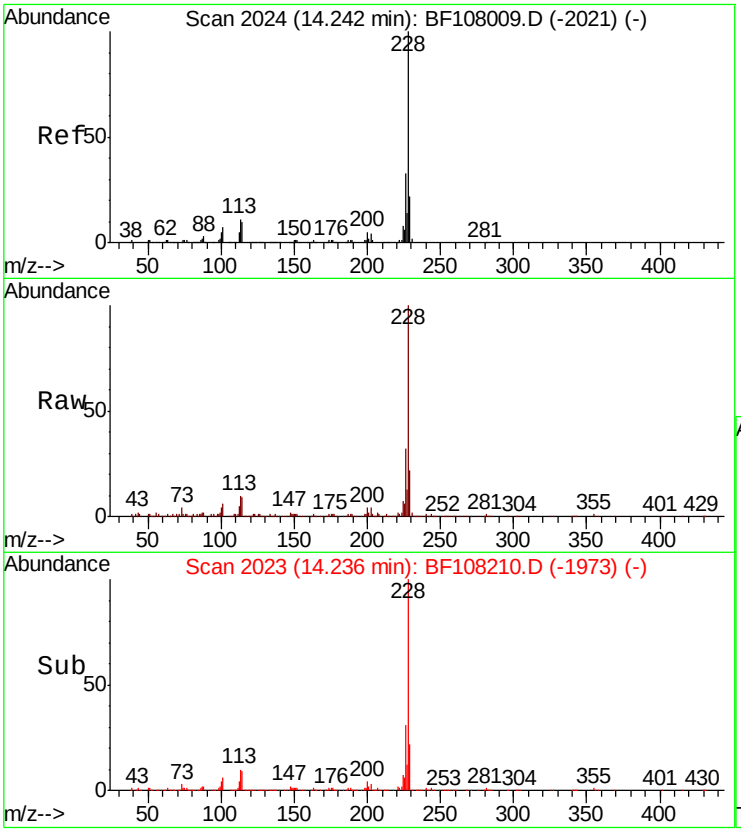


#80
Benzo(a)anthracene
Concen: 8.361 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:228 Resp: 229336

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.8	23.6



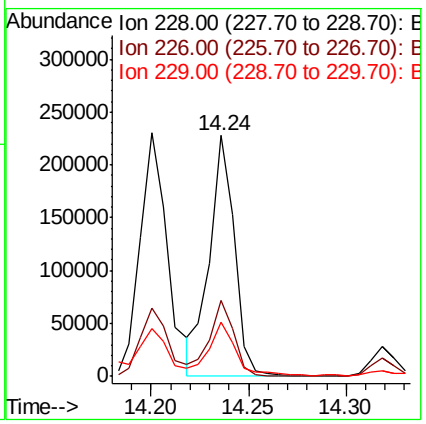


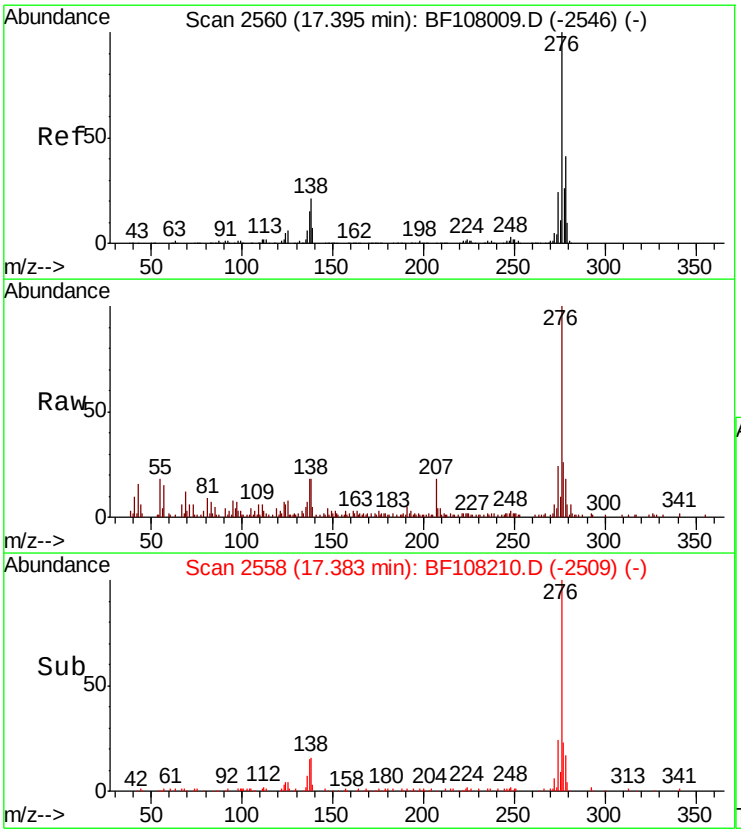
#82
Chrysene
Concen: 8.063 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:228 Resp: 202757

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.3	16.2	24.4

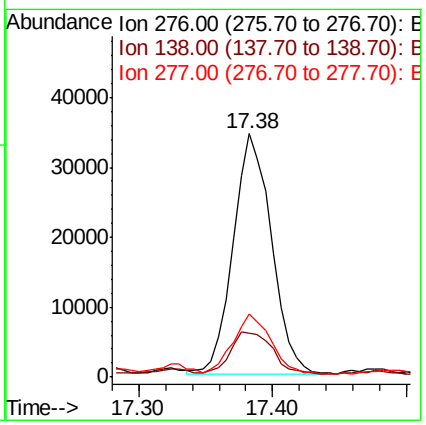


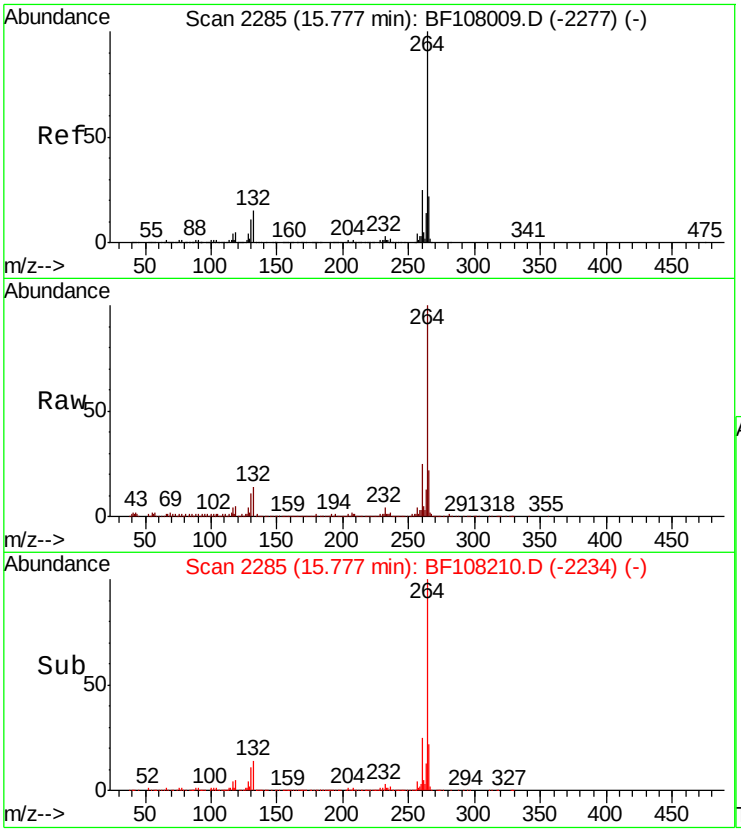


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.134 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:276 Resp: 68293

Ion	Ratio	Lower	Upper
276	100		
138	19.8	25.0	37.6#
277	25.1	20.1	30.1



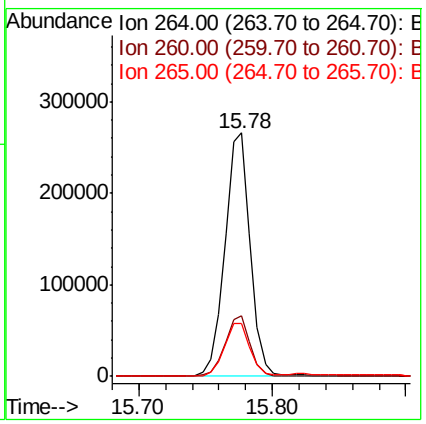


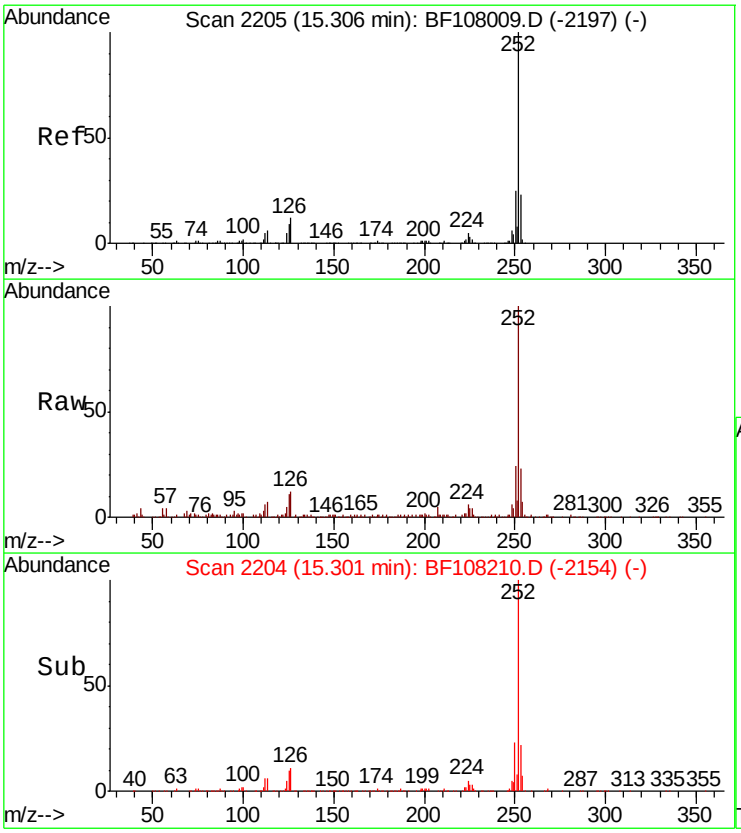
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:264 Resp: 354079

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.5	26.3

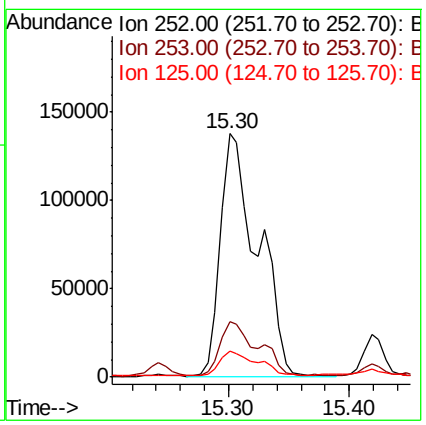


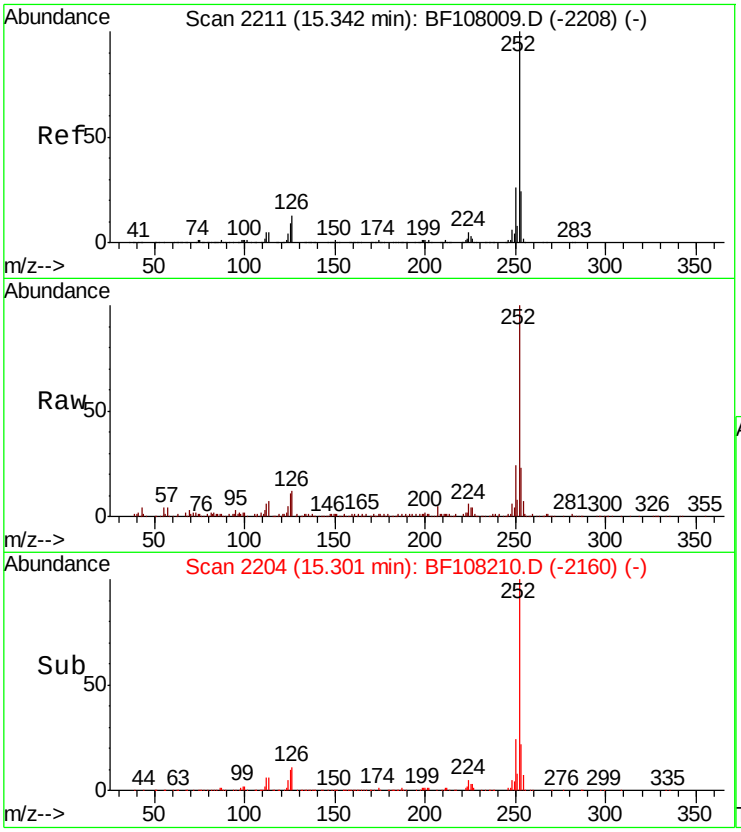


#87
Benzo(b)fluoranthene
Concen: 13.874 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:252 Resp: 293544

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.6	9.0	13.6



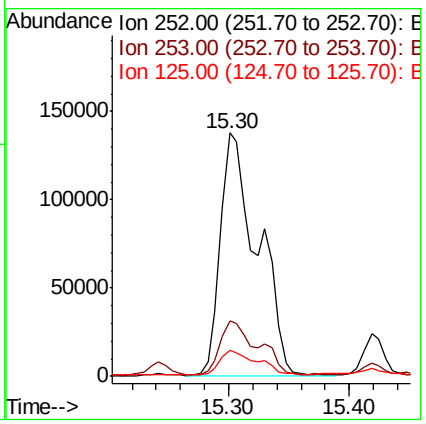


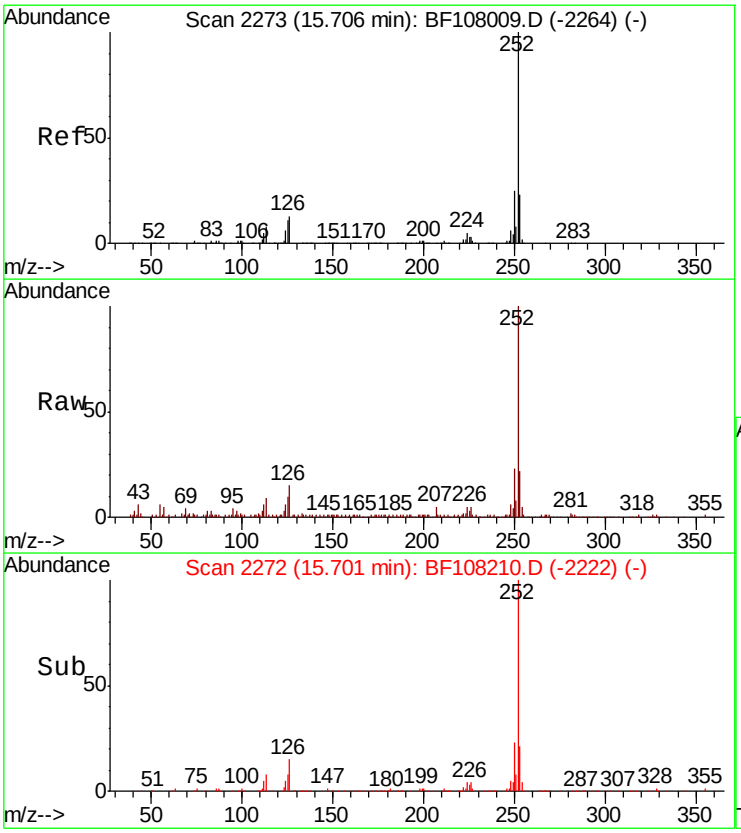
#88
Benzo(k)fluoranthene
Concen: 15.074 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:252 Resp: 293181

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.6	10.2	15.2

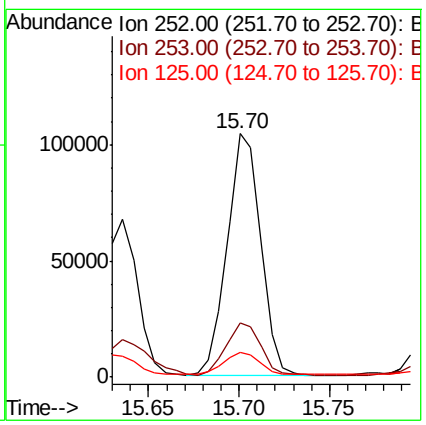


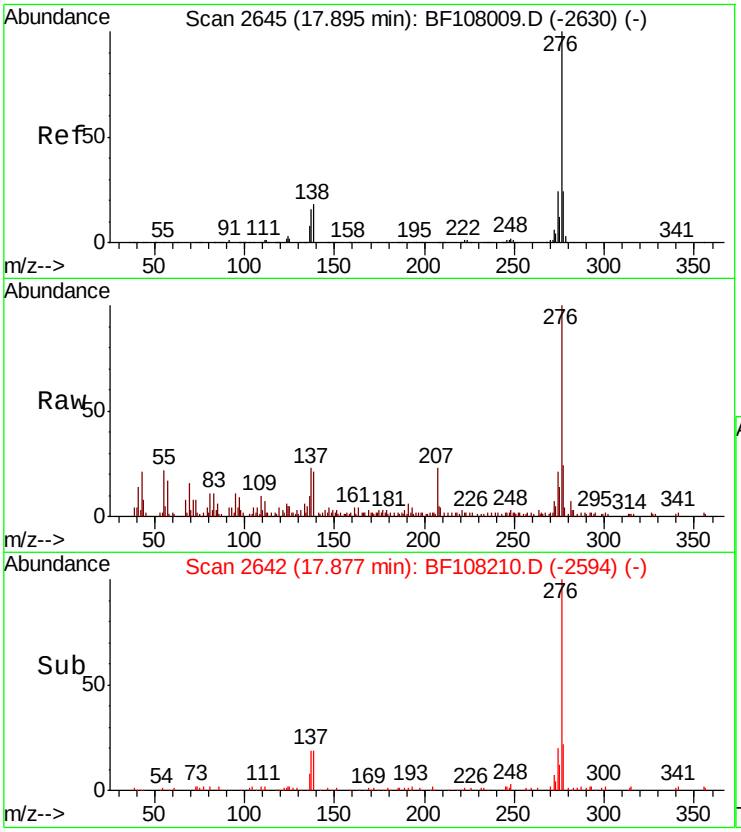


#89
Benzo(a)pyrene
Concen: 7.115 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Tgt Ion:252 Resp: 134809

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.075 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BF108210.D
Acq: 16 Aug 2018 22:13

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Tgt Ion:276 Resp: 62896

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.1	21.8	32.8#