Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108207.D
Acq On : 16 Aug 2018 20:50
Operator : JU/SJ
Sample : J4499-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSB-07(0-1)

Quant Time: Aug 17 04:05:56 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	156320	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	570454	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	248639	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	427803	20.00	ng		0.00
75) Chrysene-d12	14.21	240	420634	20.00	ng		0.00
86) Perylene-d12	15.77	264	316706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	347915	40.29	ng		0.00
7) Phenol-d6	6.62	99	440718	38.41	ng		0.00
23) Nitrobenzene-d5	7.57	82	285818	27.96	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	88236	35.58	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	474564	30.64	ng		0.00
78) Terphenyl-d14	13.14	244	433819	26.22	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	38301	4.936	ng	#	82
25) Isophorone	7.57	82	285814	14.668	ng	#	64
49) Dimethylphthalate	9.76	163	41792	2.413	ng	#	97
50) 2,6-Dinitrotoluene	10.06	165	31039	8.566	ng	#	26
56) 2,4-Dinitrotoluene	10.06	165	31039	6.655	ng	#	23
70) Phenanthrene	11.58	178	244071	12.096	ng		97
71) Anthracene	11.63	178	47898	2.316	ng		99
74) Fluoranthene	12.78	202	746804	33.912	ng		95
77) Pyrene	13.01	202	618235	23.215	ng		99
80) Benzo(a)anthracene	14.20	228	349714	14.487	ng		99
82) Chrysene	14.24	228	316969	14.322	ng		99
85) Indeno(1,2,3-cd)pyrene	17.38	276	120262	6.271	ng	#	89
87) Benzo(b)fluoranthene	15.30	252	514132	27.168	ng		97
88) Benzo(k)fluoranthene	15.30	252	514132	29.554	ng	#	97
89) Benzo(a)pyrene	15.70	252	226195	13.348	ng		96
91) Benzo(g,h,i)perylene	17.88	276	114099	8.264	ng	#	91

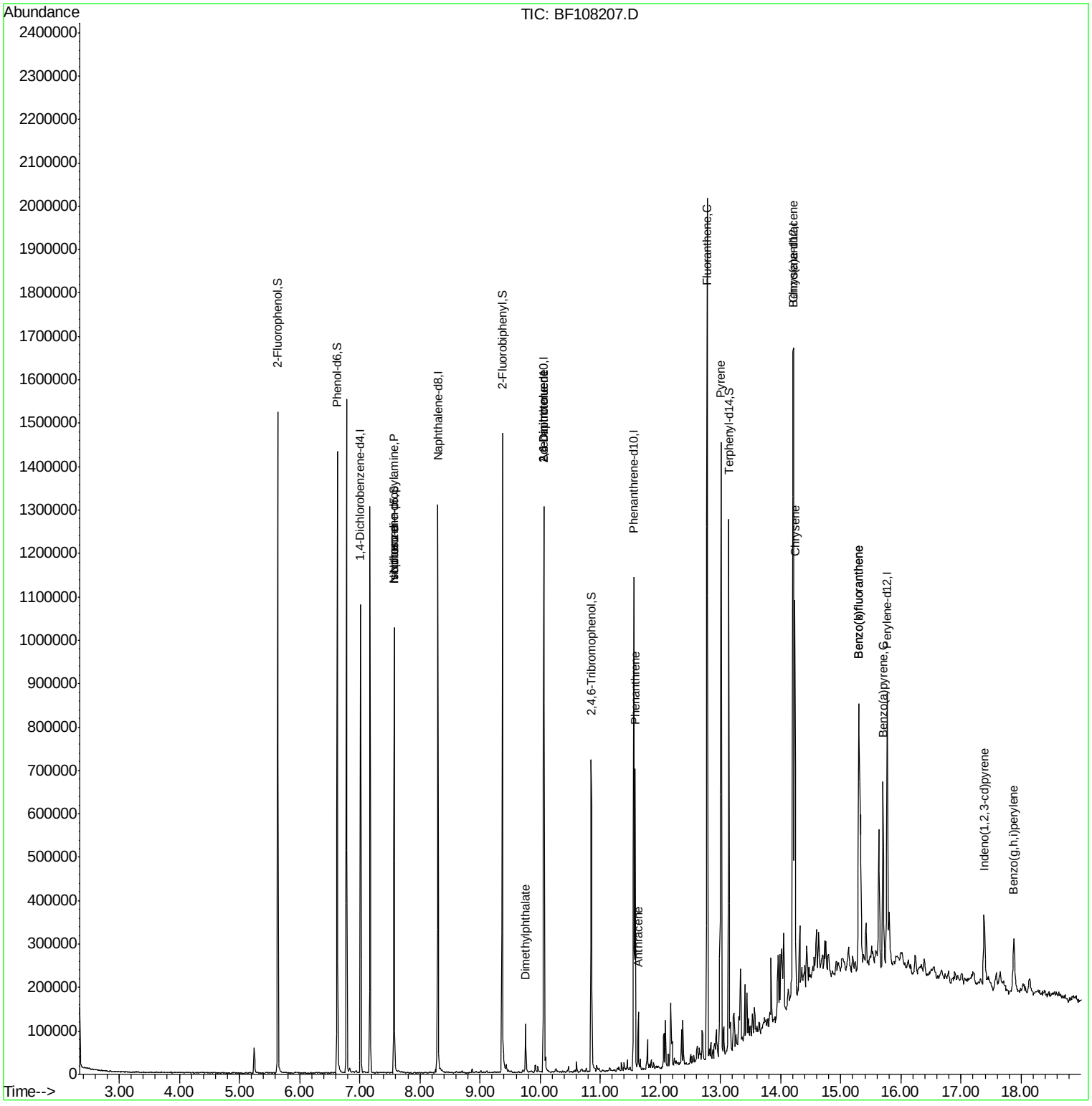
(#) = qualifier out of range (m) = manual integration (+) = signals summed

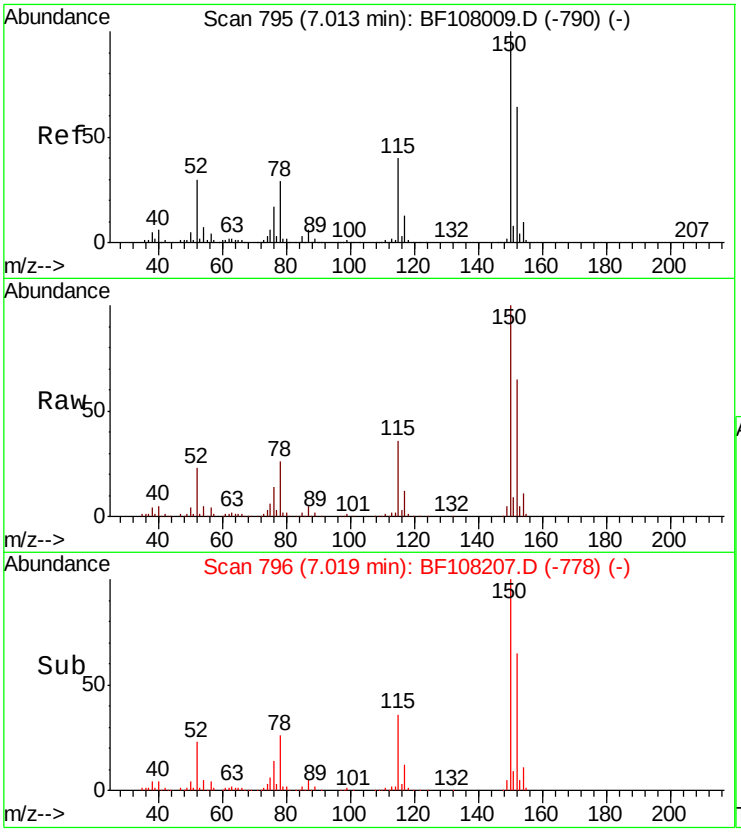
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108207.D
Acq On : 16 Aug 2018 20:50
Operator : JU/SJ
Sample : J4499-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Quant Time: Aug 17 04:05:56 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



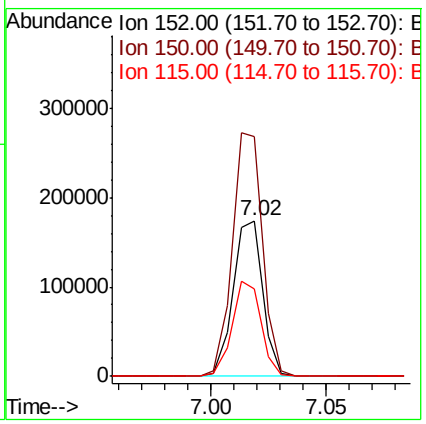


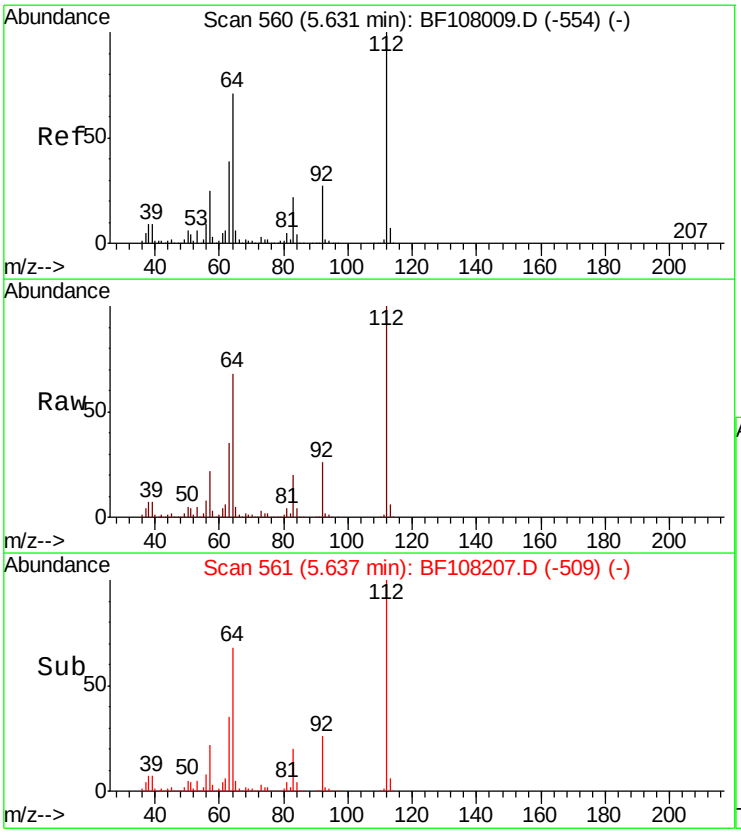
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:152 Resp: 156320

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	56.1	50.1	75.1

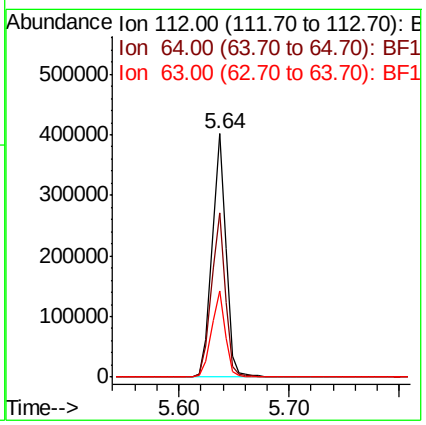


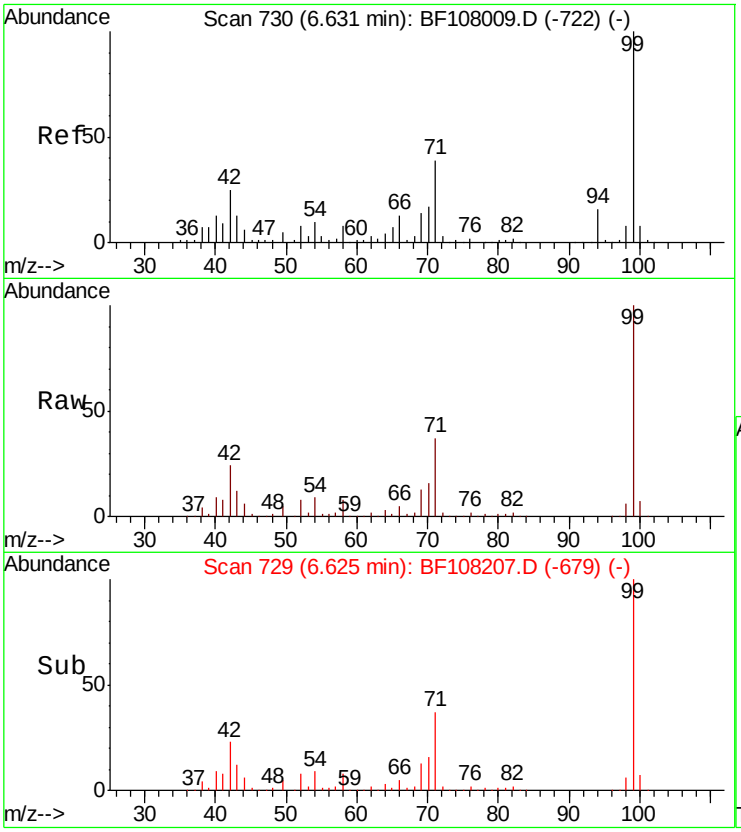


#5
2-Fluorophenol
Concen: 40.295 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:112 Resp: 347915

Ion	Ratio	Lower	Upper
112	100		
64	67.7	47.9	71.9
63	35.2	23.7	35.5



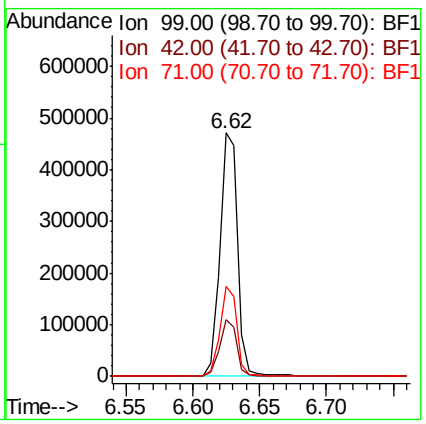


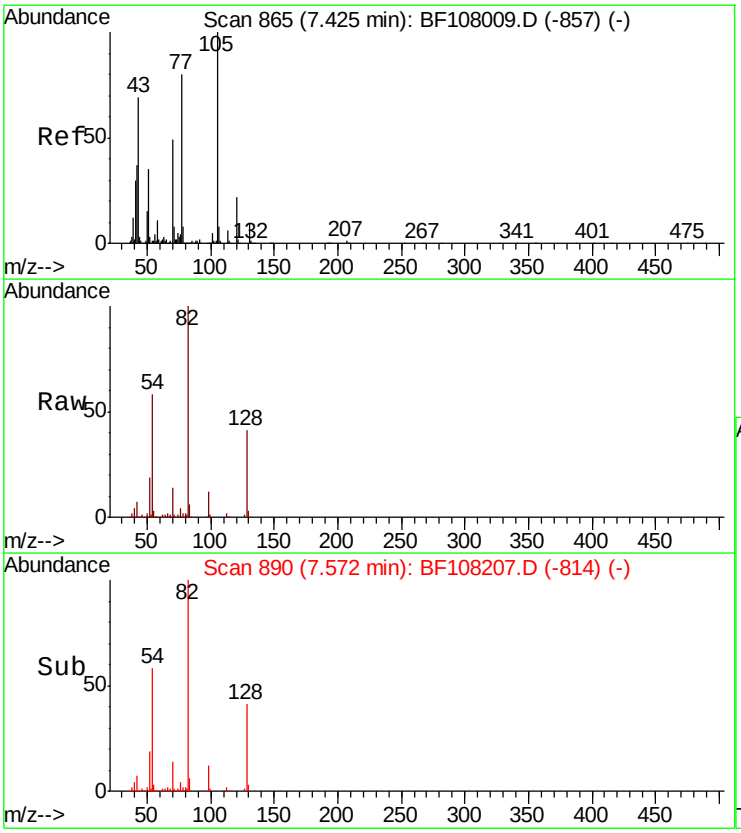
#7
Phenol-d6
Concen: 38.411 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion: 99 Resp: 440718

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	37.1	25.4	38.0

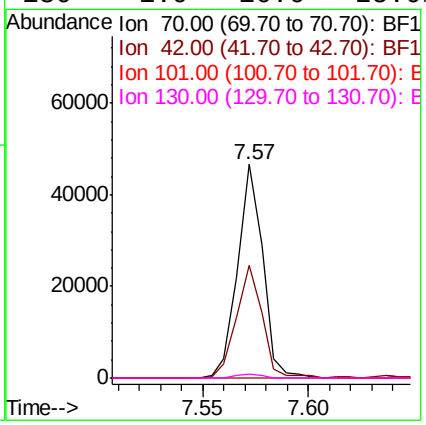


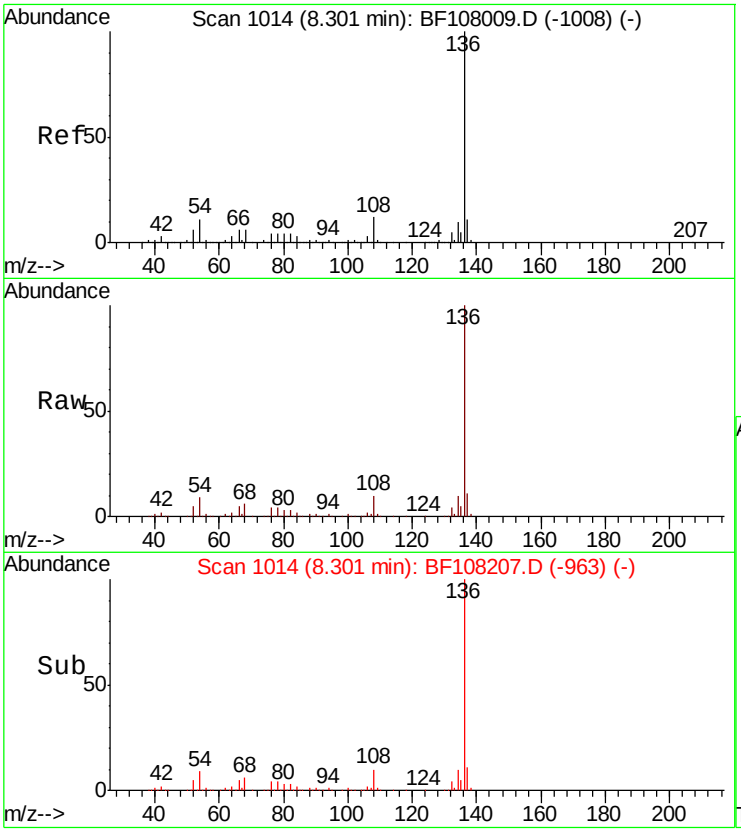


#19
n-Nitroso-di-n-propylamine
Concen: 4.936 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion: 70 Resp: 38301

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



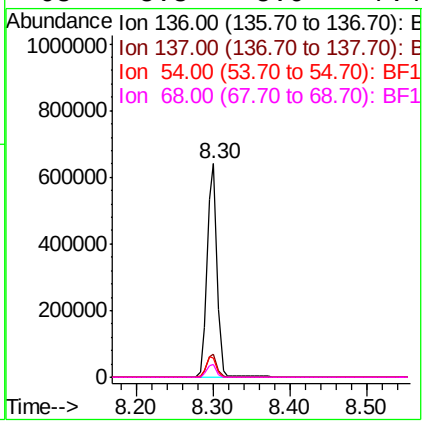


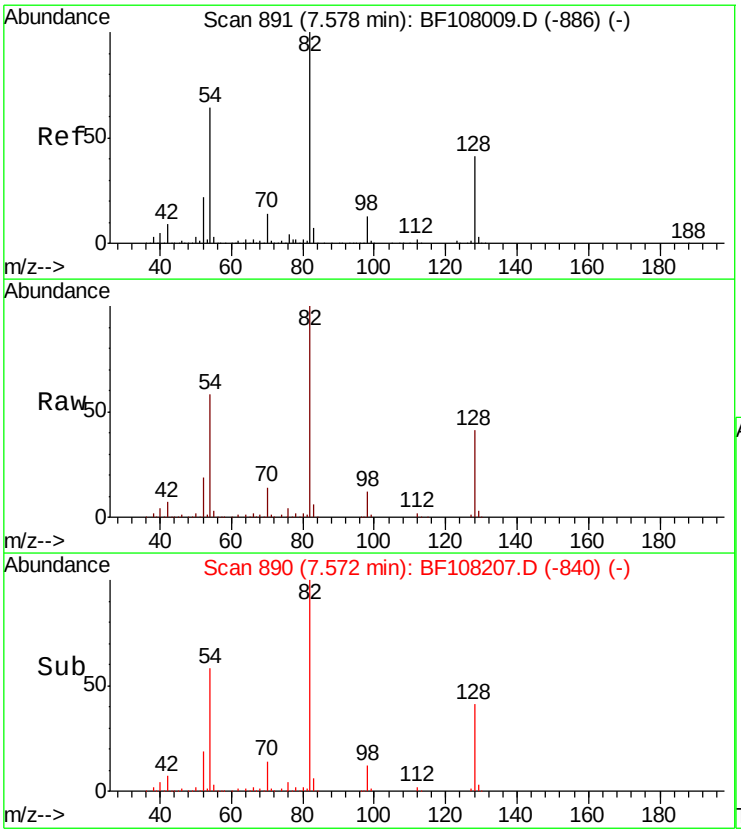
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:136 Resp: 570454

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

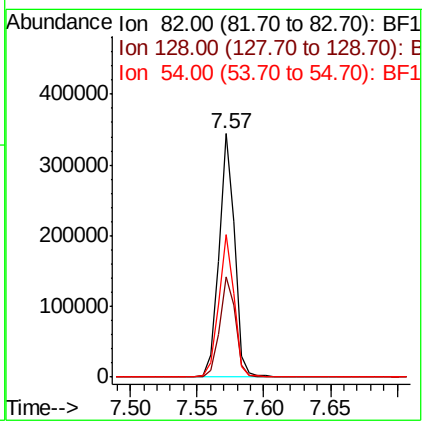


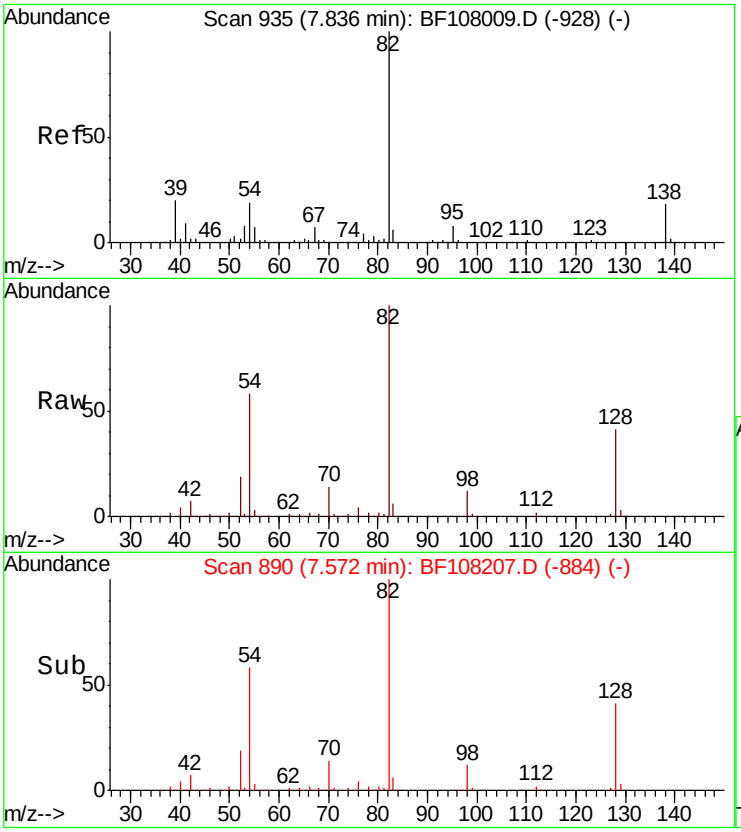


#23
Nitrobenzene-d5
Concen: 27.959 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion: 82 Resp: 285818

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.5	41.4	62.2



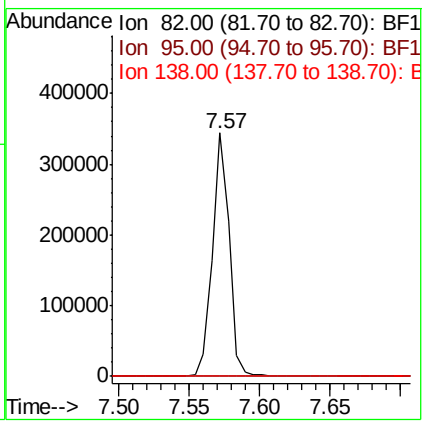


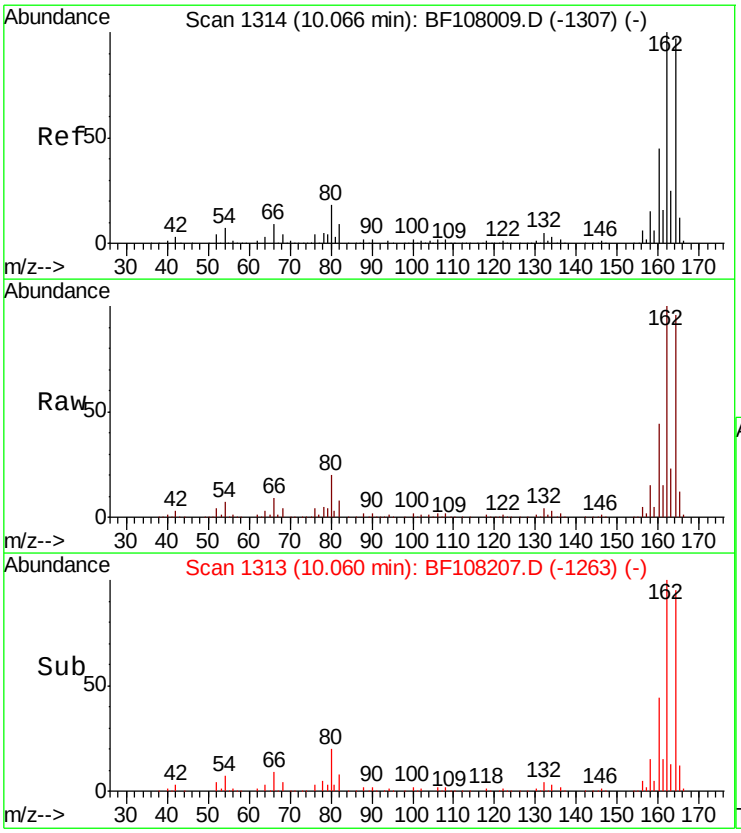
#25
Isophorone
Concen: 14.668 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion: 82 Resp: 285814

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

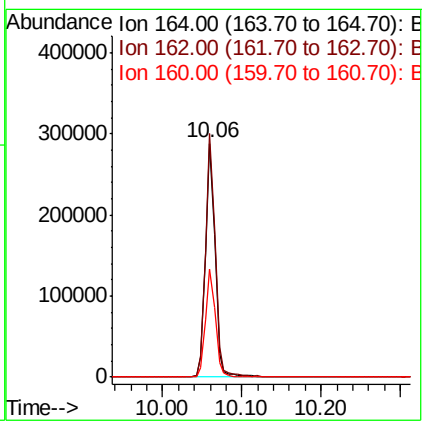


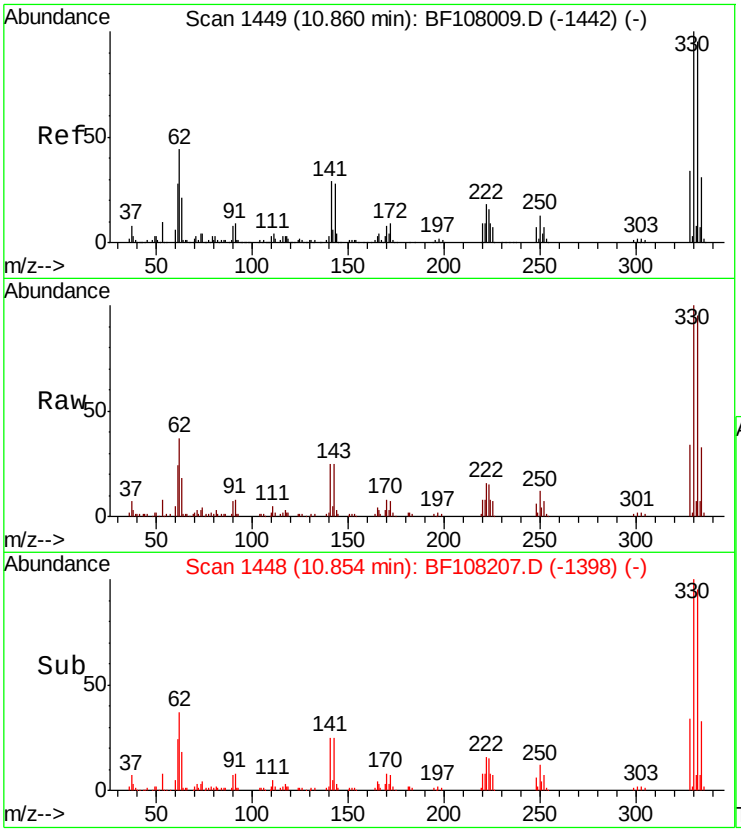


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:164 Resp: 248639

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5



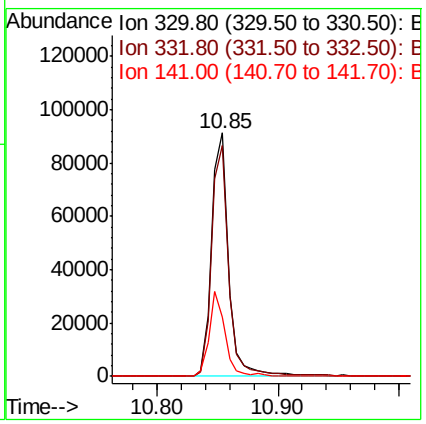


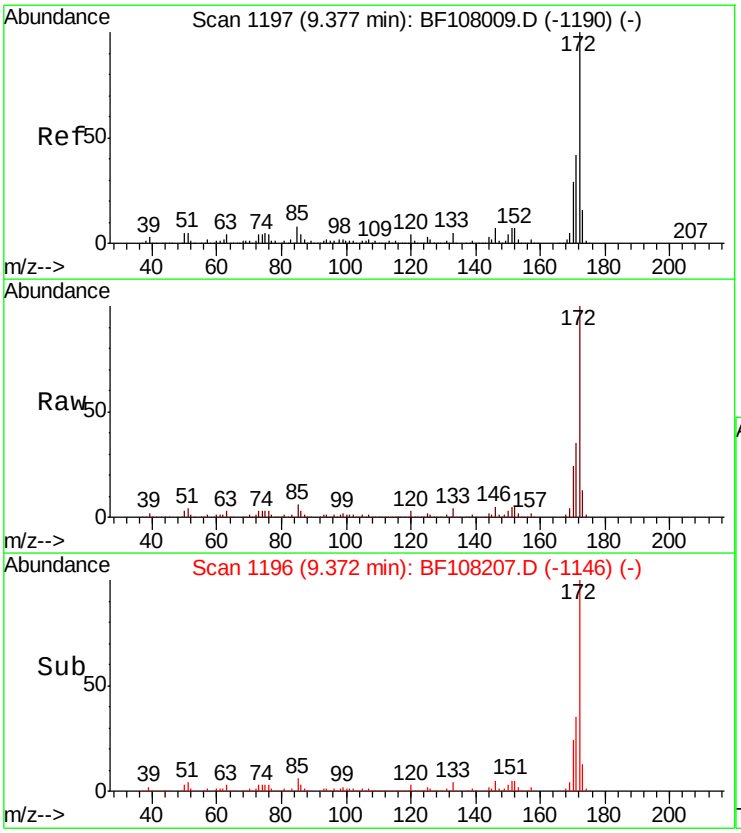
#41
2,4,6-Tribromophenol
Concen: 35.577 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:330 Resp: 88236

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.7	29.9	44.9

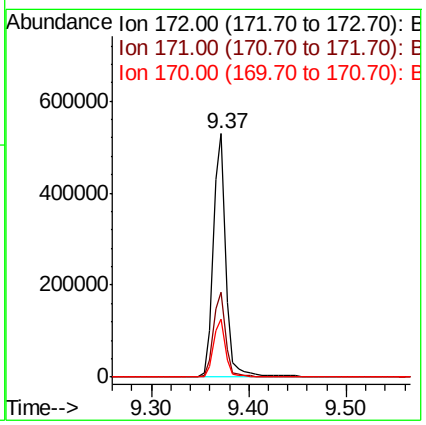


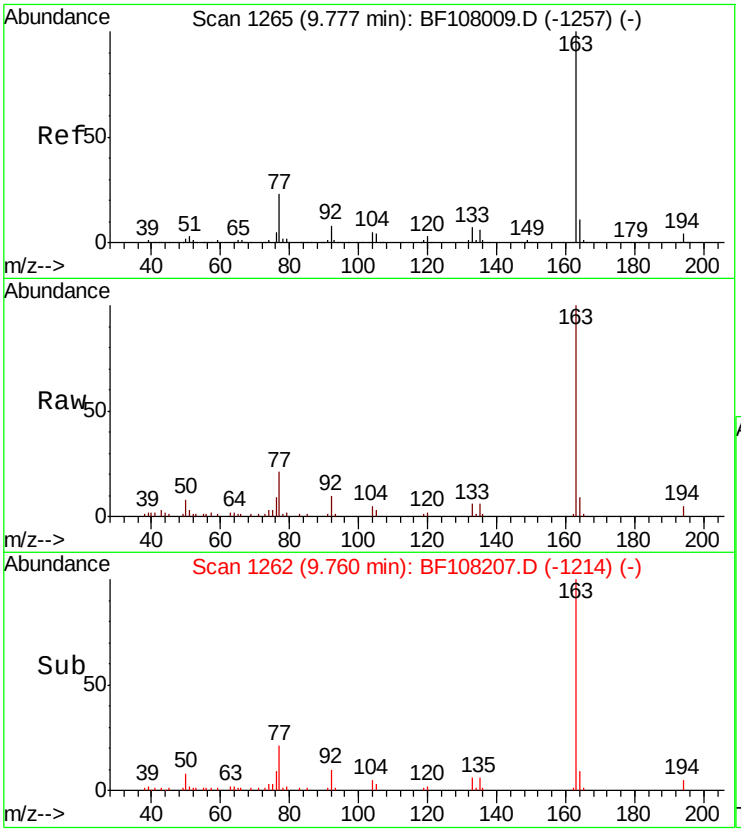


#44
2-Fluorobiphenyl
Concen: 30.643 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:172 Resp: 474564

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.9	19.6	29.4



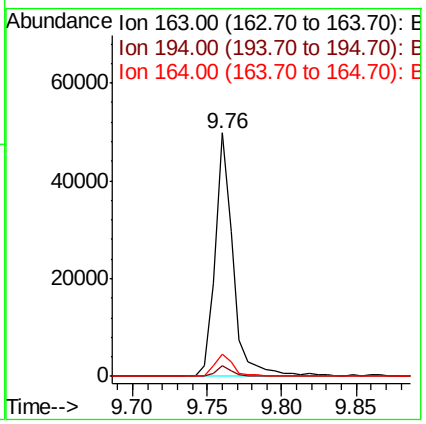


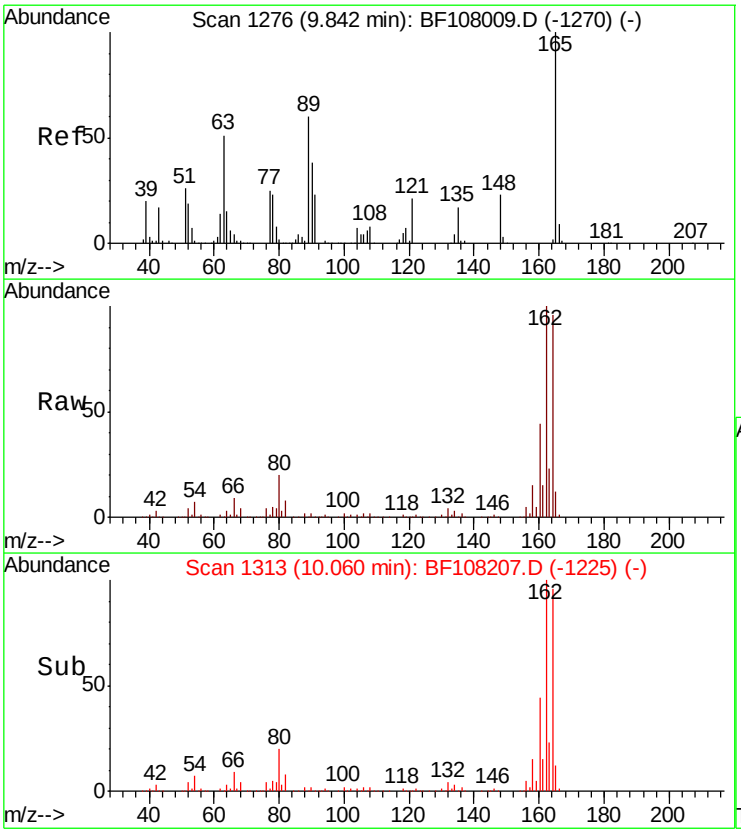
#49
Dimethylphthalate
Concen: 2.413 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:163 Resp: 41792

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.3	8.2	12.2

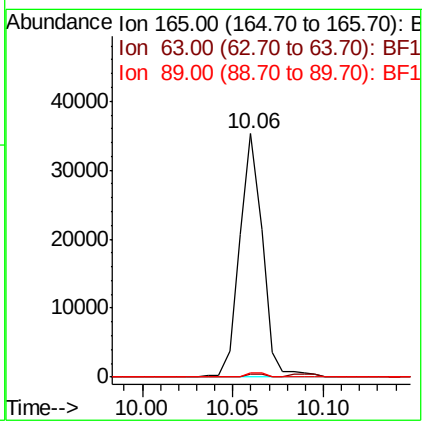


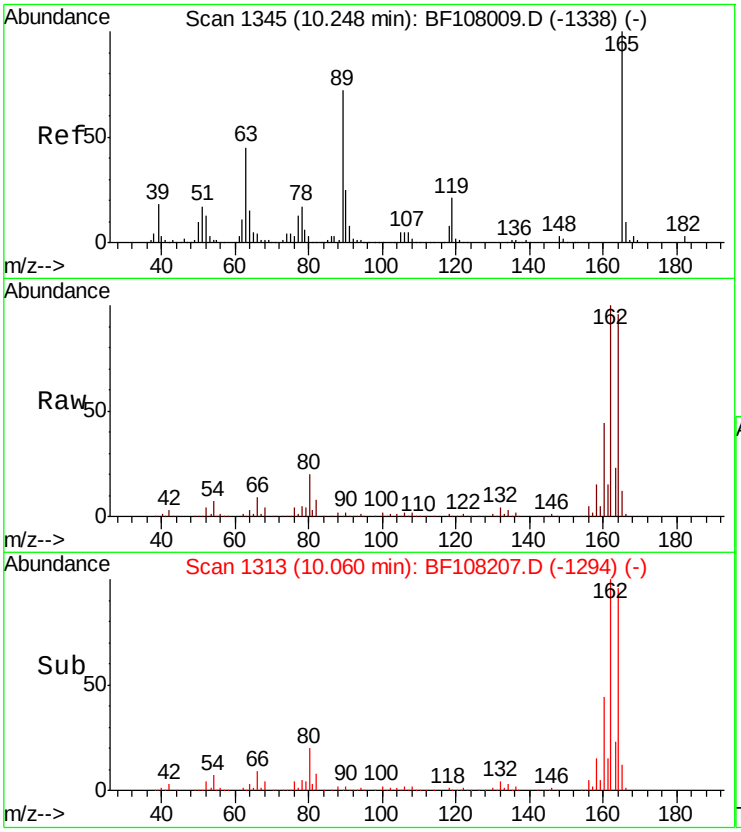


#50
2,6-Dinitrotoluene
Concen: 8.566 ng
RT: 10.06 min Scan# 1313
Delta R.T. 0.22 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:165 Resp: 31039

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



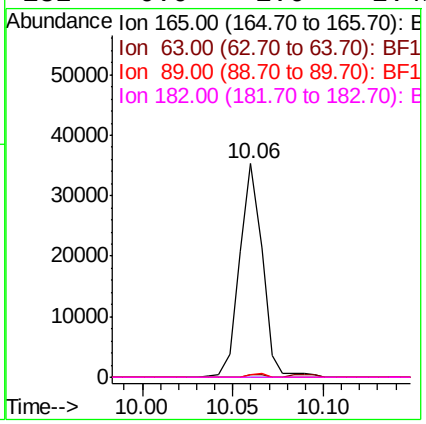


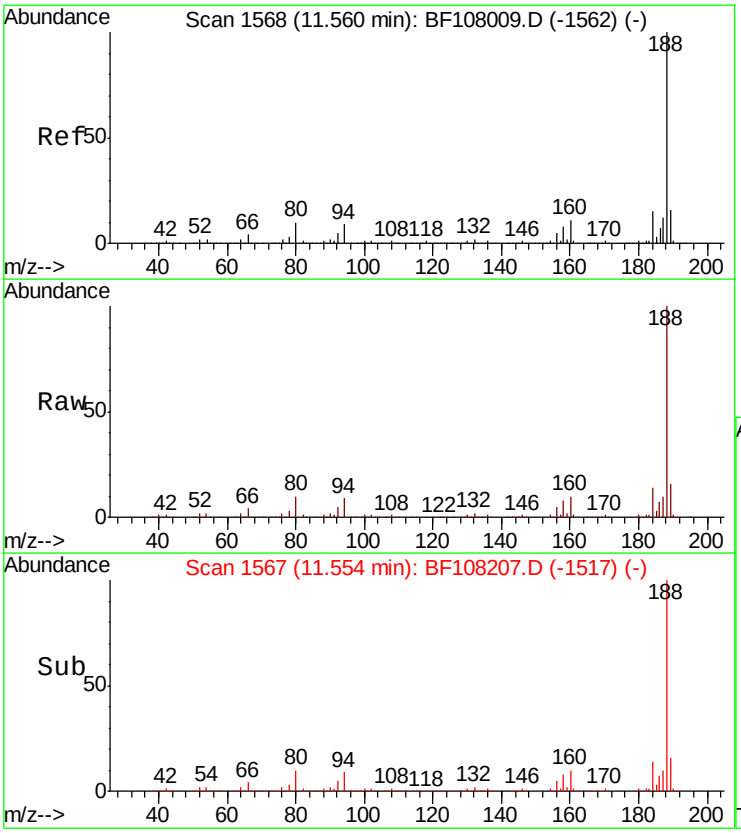
#56
2,4-Dinitrotoluene
Concen: 6.655 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:165 Resp: 31039

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

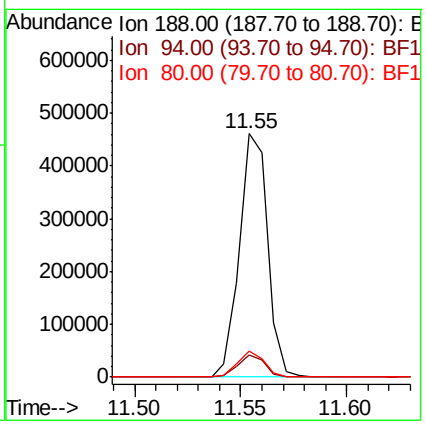


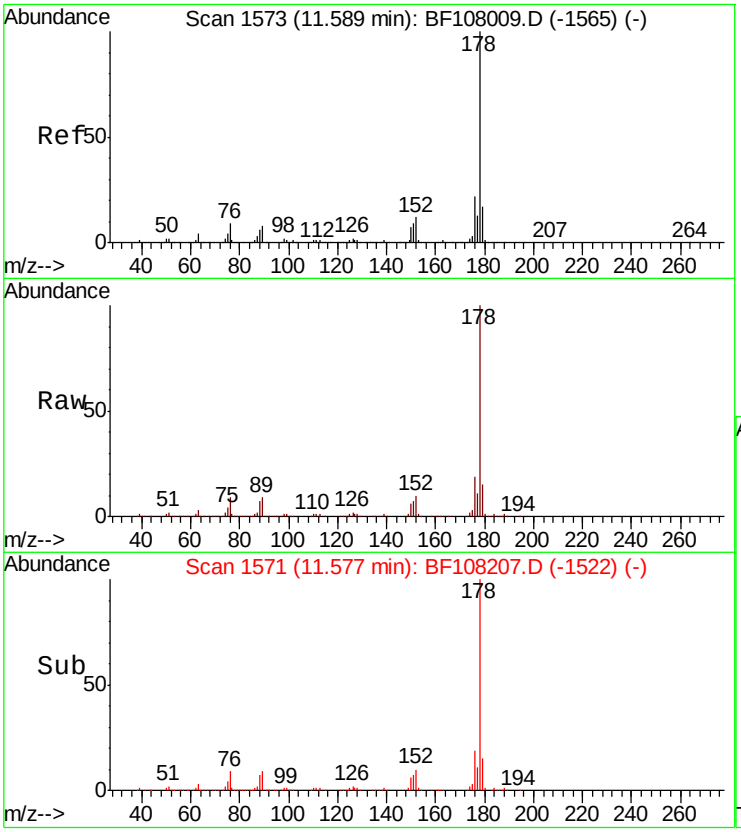


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:188 Resp: 427803

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.5	9.2	13.8



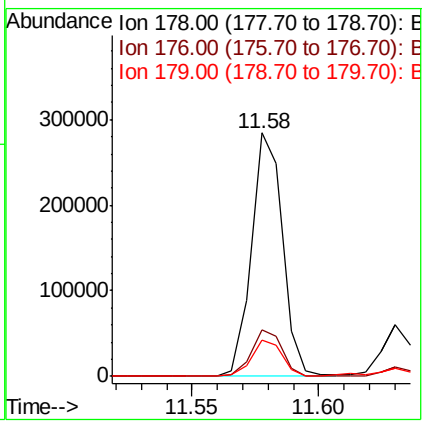


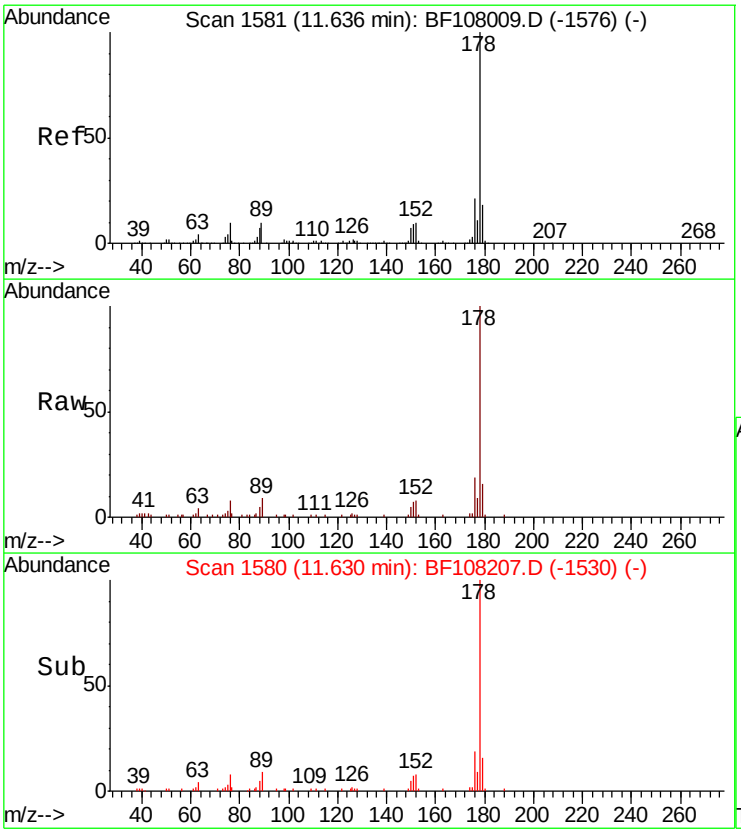
#70
Phenanthrene
Concen: 12.096 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:178 Resp: 244071

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.7	13.0	19.6

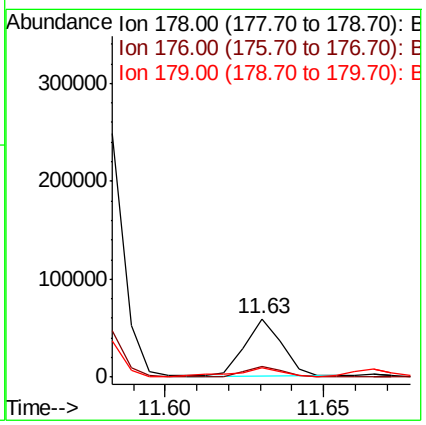


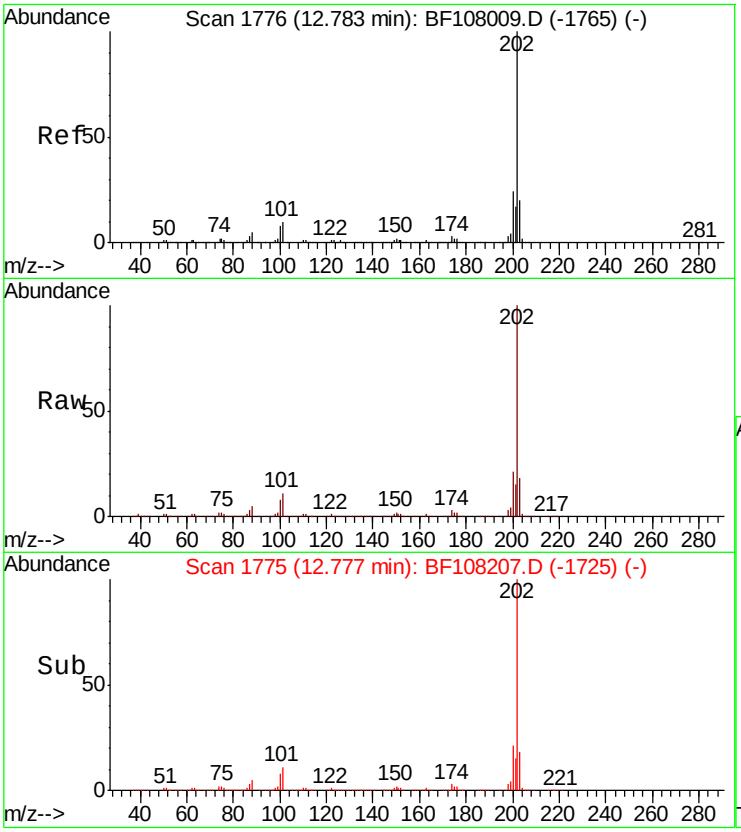


#71
Anthracene
Concen: 2.316 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:178 Resp: 47898

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.6	19.0



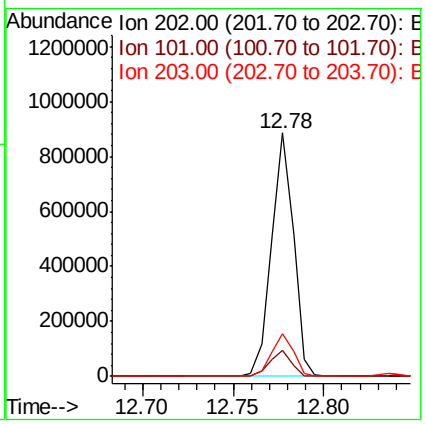


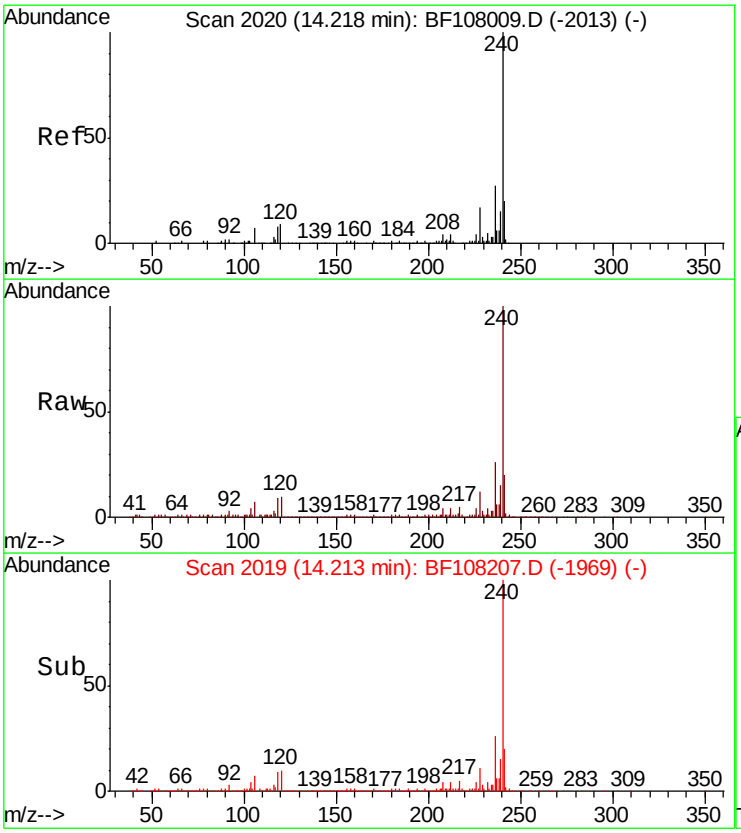
#74
Fluoranthene
Concen: 33.912 ng
RT: 12.78 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:202 Resp: 746804

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.5	0.0	38.1

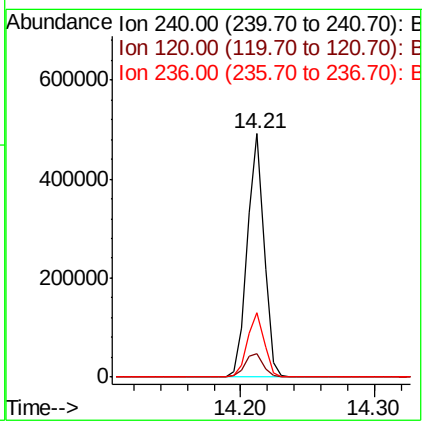


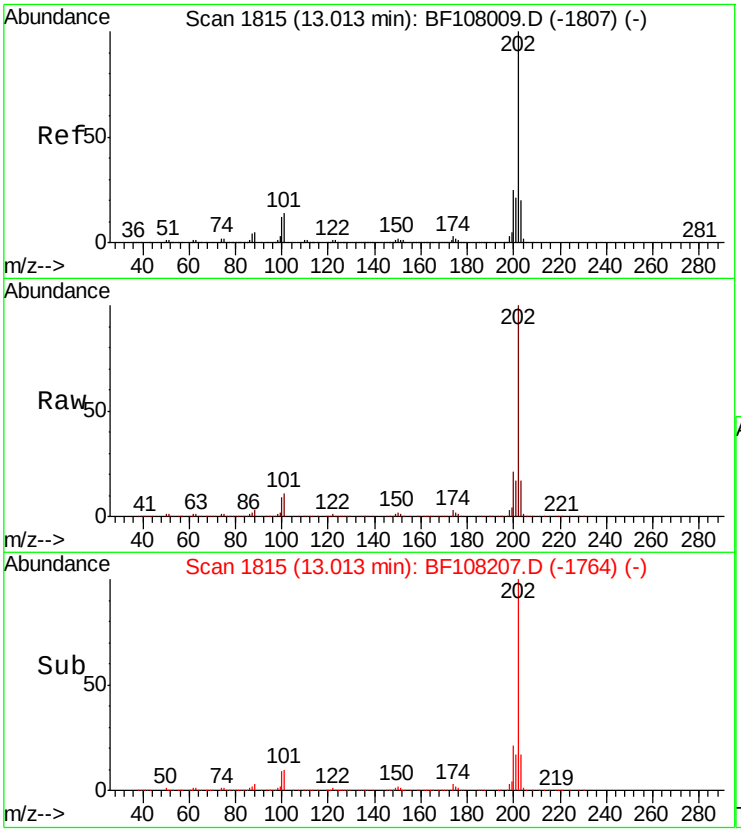


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:240 Resp: 420634

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	26.3	20.7	31.1



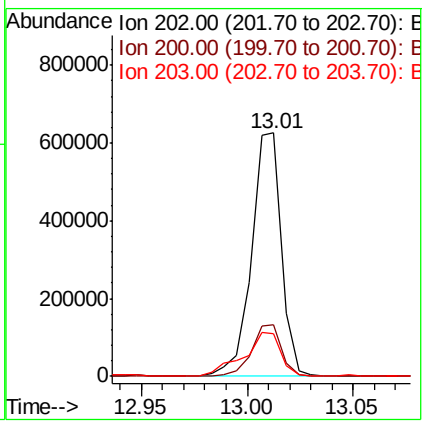


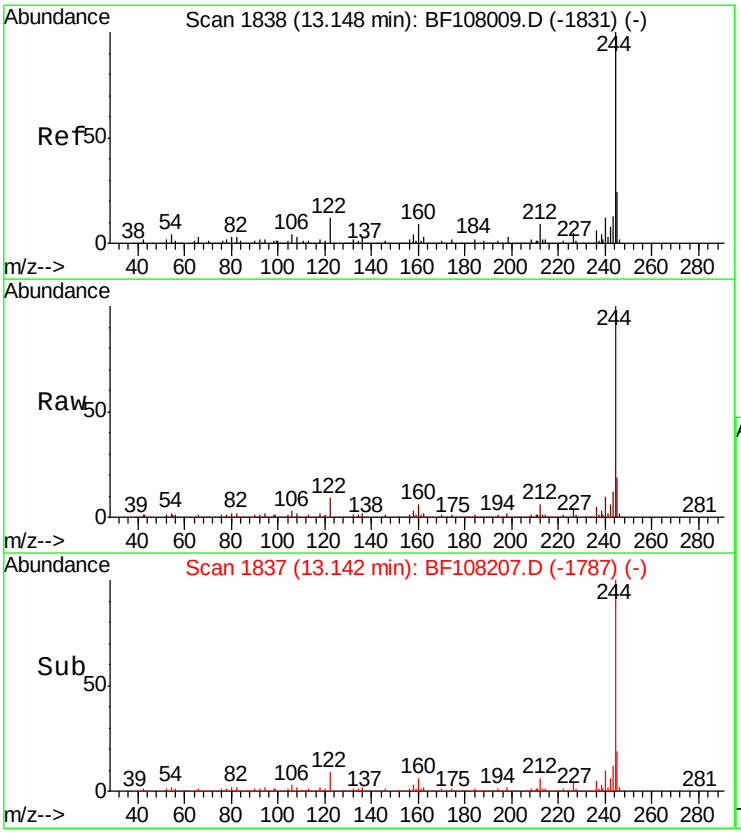
#77
Pyrene
Concen: 23.215 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:202 Resp: 618235

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5

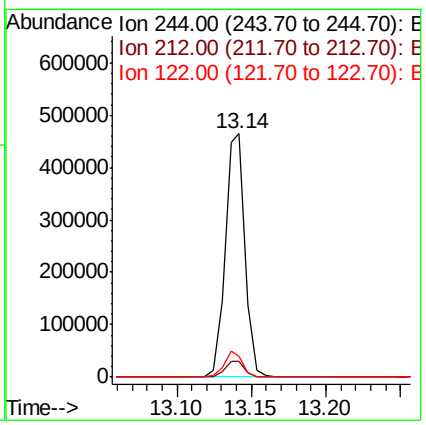


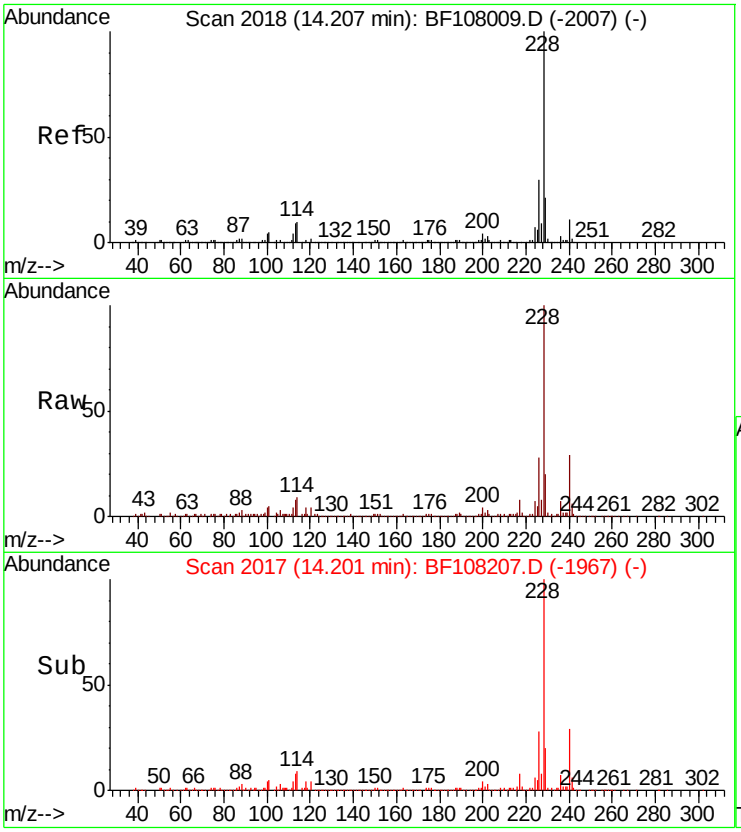


#78
Terphenyl-d14
Concen: 26.223 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:244 Resp: 433819

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.6	11.0	16.4#



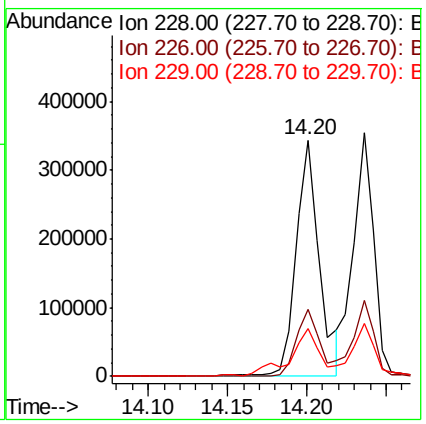


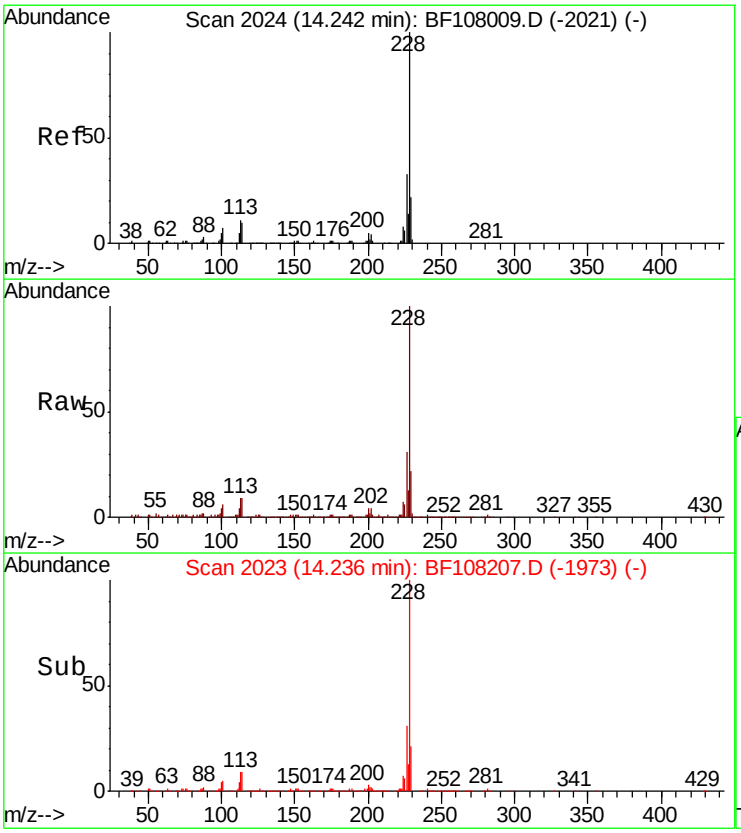
#80
Benzo(a)anthracene
Concen: 14.487 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:228 Resp: 349714

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.3	15.8	23.6

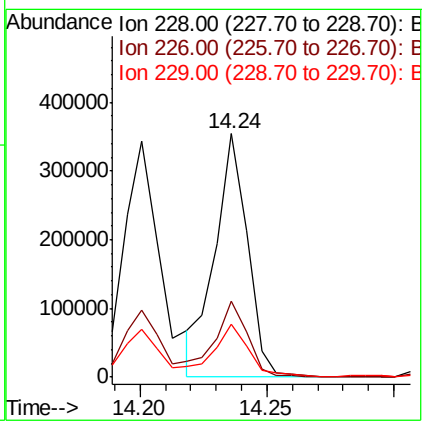


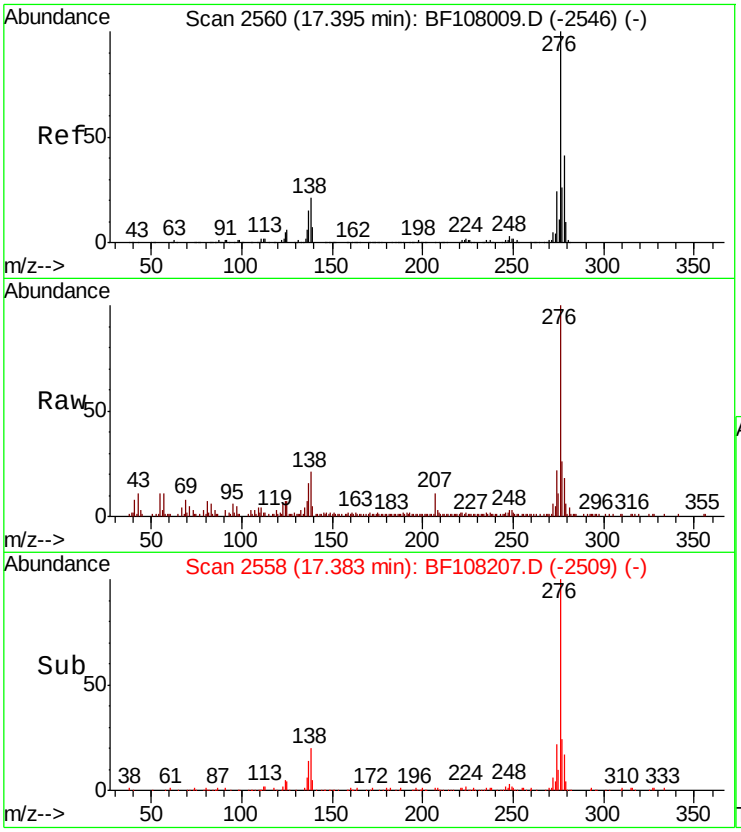


#82
Chrysene
Concen: 14.322 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:228 Resp: 316969

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.6	16.2	24.4



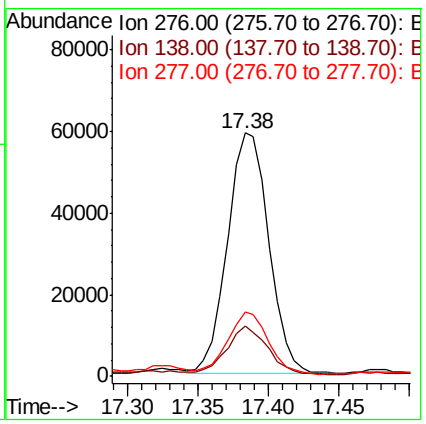


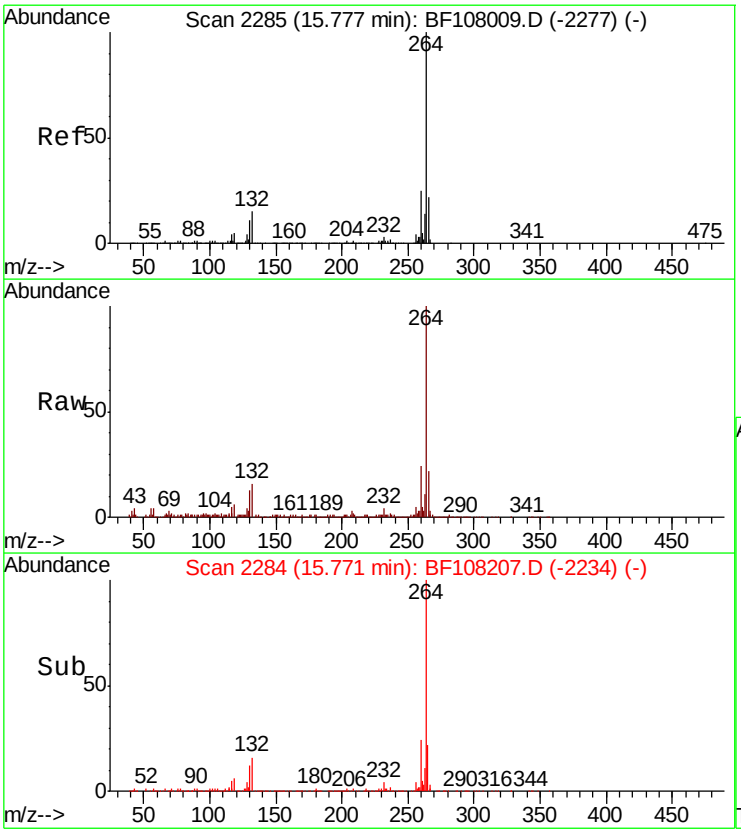
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.271 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:276 Resp: 120262

Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.2	20.1	30.1

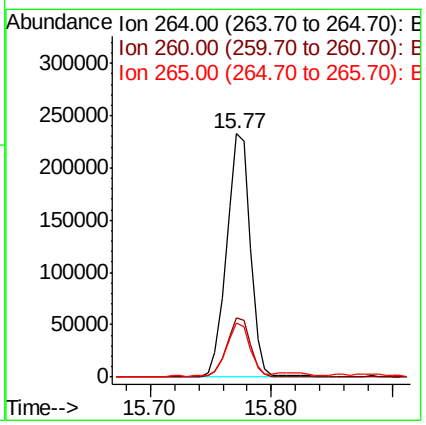


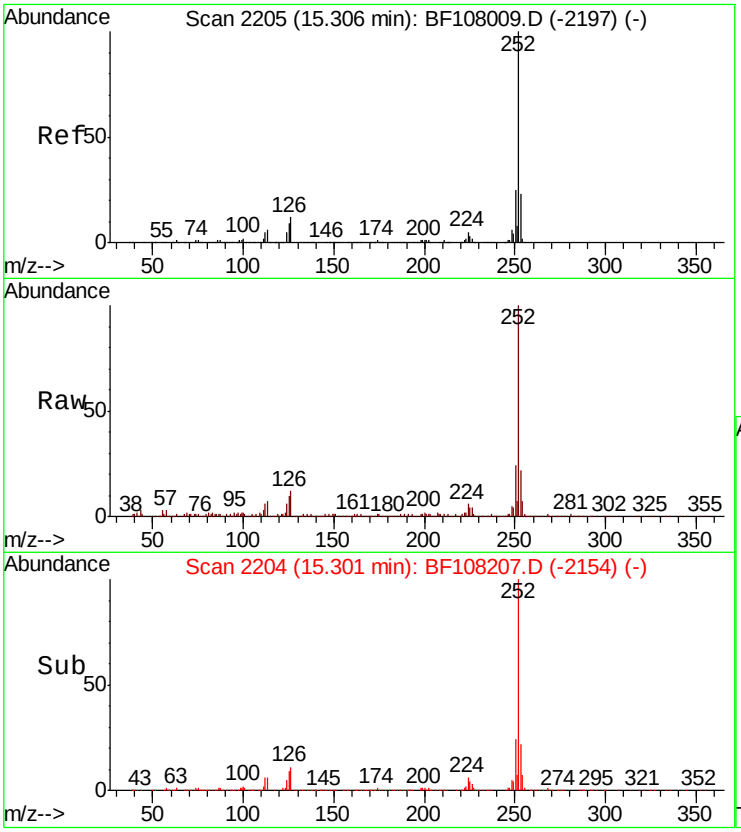


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:264 Resp: 316706

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3



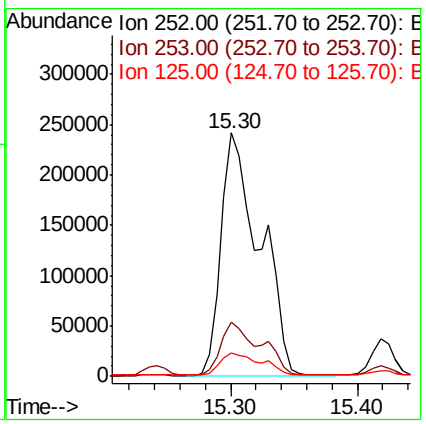


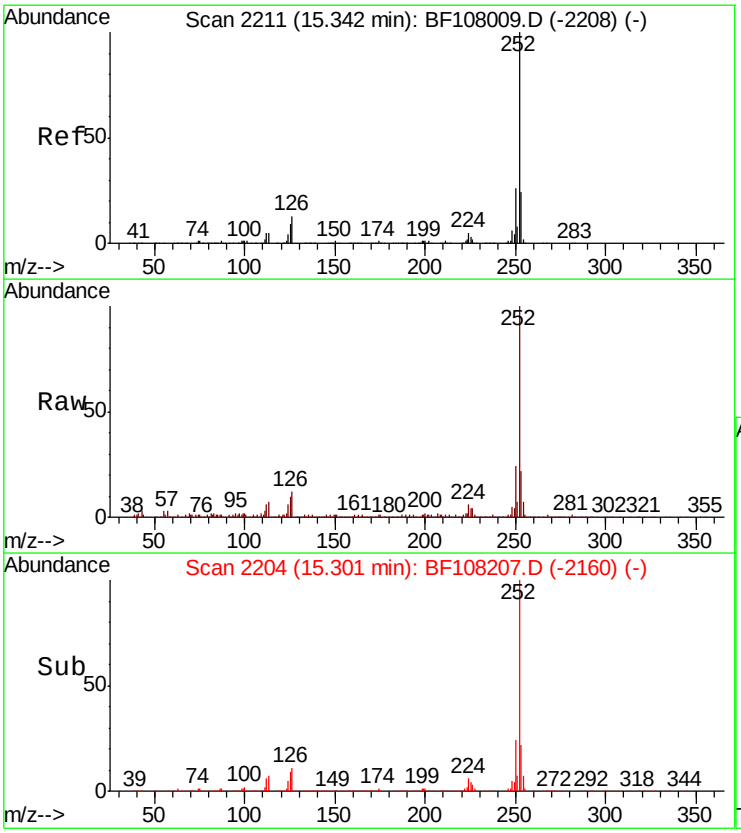
#87
Benzo(b)fluoranthene
Concen: 27.168 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:252 Resp: 514132

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.6	9.0	13.6

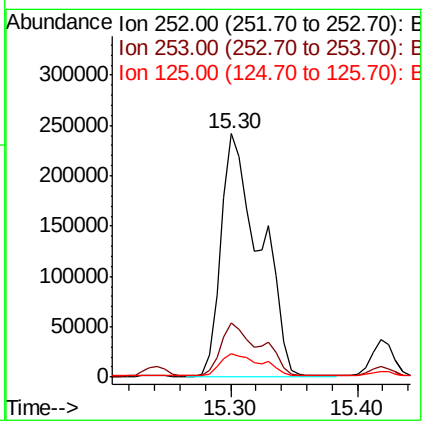


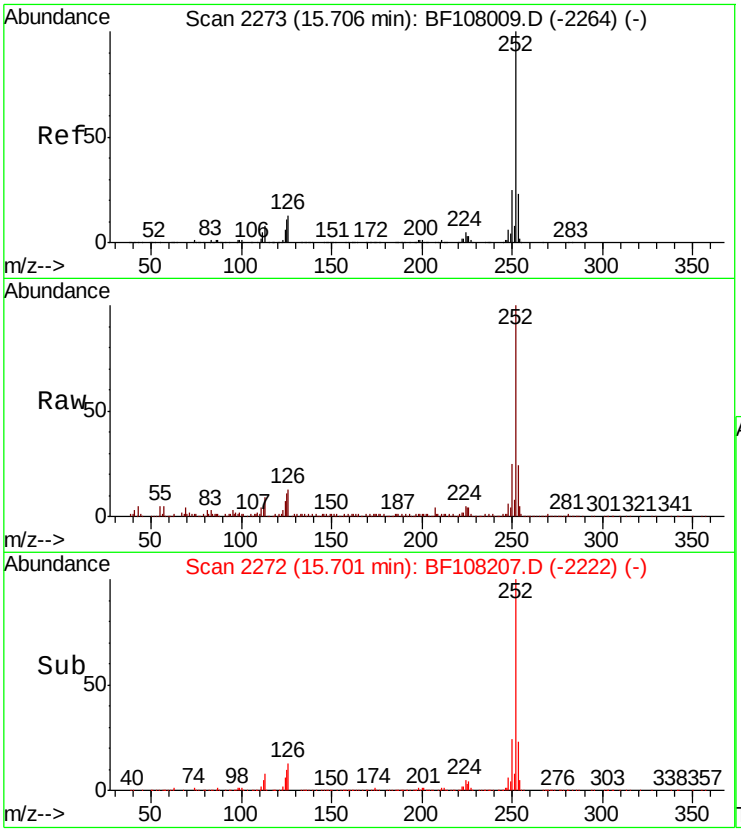


#88
Benzo(k)fluoranthene
Concen: 29.554 ng
RT: 15.30 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:252 Resp: 514132

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.6	10.2	15.2#



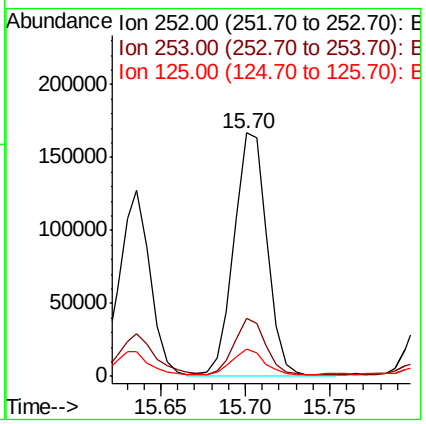


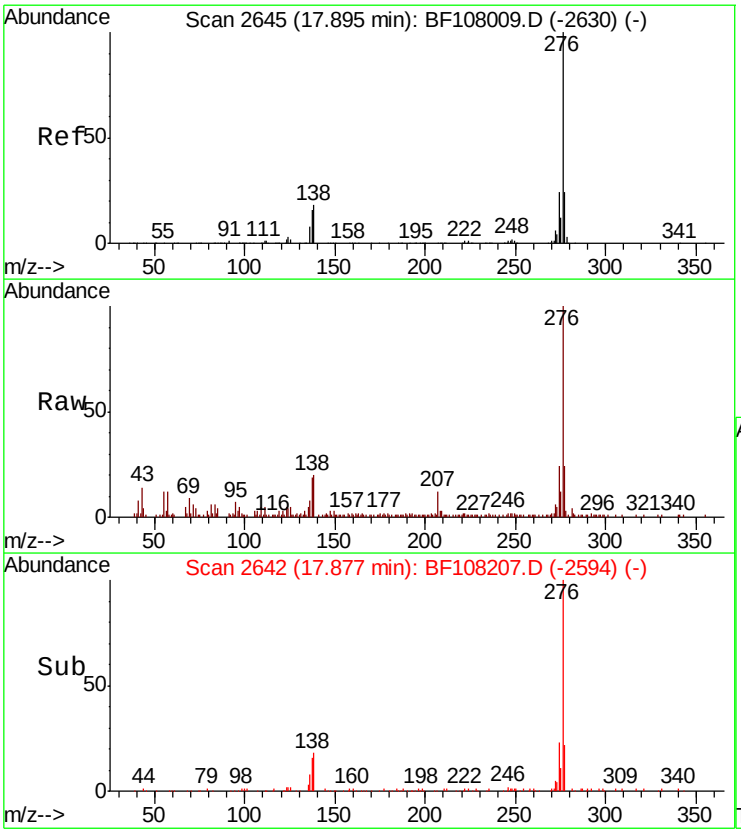
#89
Benzo(a)pyrene
Concen: 13.348 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)

Tgt Ion:252 Resp: 226195

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.264 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BF108207.D
Acq: 16 Aug 2018 20:50

Tgt Ion:276 Resp: 114099

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.1	21.8	32.8#