Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

Quantitation Report (Not Reviewed)

Data File : BF111096.D
Acq On : 29 Nov 2018 17:52
Operator : JU/SJ
Sample : J5767-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-B

Quant Time: Nov 30 02:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	67907	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	284559	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	126906	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	190976	20.00	ng		0.00
76) Chrysene-d12	14.13	240	154874	20.00	ng		0.00
87) Perylene-d12	15.66	264	120544	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	194600	47.52	ng		0.00
7) Phenol-d6	6.56	99	263071	49.30	ng		-0.01
23) Nitrobenzene-d5	7.50	82	162886	32.76	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	49575	39.33	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	272698	31.13	ng		0.00
79) Terphenyl-d14	13.04	244	185210	23.28	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	4796	Below Cal		#	76
10) Phenol	6.57	94	21047	3.502	ng		82
19) n-Nitroso-di-n-propylamine	7.50	70	21115	6.074	ng	#	80
25) Isophorone	7.50	82	162886	19.971	ng	#	67
50) Dimethylphthalate	9.69	163	23764	2.553	ng		99
51) 2,6-Dinitrotoluene	9.97	165	16110	7.775	ng	#	22
56) 4-Nitrophenol	10.19	139	650	4.696	ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	16110	5.993	ng	#	18
71) Phenanthrene	11.49	178	44793	4.429	ng		97
75) Fluoranthene	12.69	202	99423	9.564	ng		97
78) Pyrene	12.92	202	96422	8.524	ng		98
81) Benzo(a)anthracene	14.12	228	62937	6.883	ng		97
83) Chrysene	14.15	228	52918	5.879	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	26133	4.045	ng		97
88) Benzo(b)fluoranthene	15.20	252	94269	13.312	ng	#	95
89) Benzo(k)fluoranthene	15.20	252	94269	12.933	ng	#	95
90) Benzo(a)pyrene	15.60	252	47879	7.264	ng	#	97
92) Benzo(g,h,i)perylene	17.74	276	23780	4.535	ng		93

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

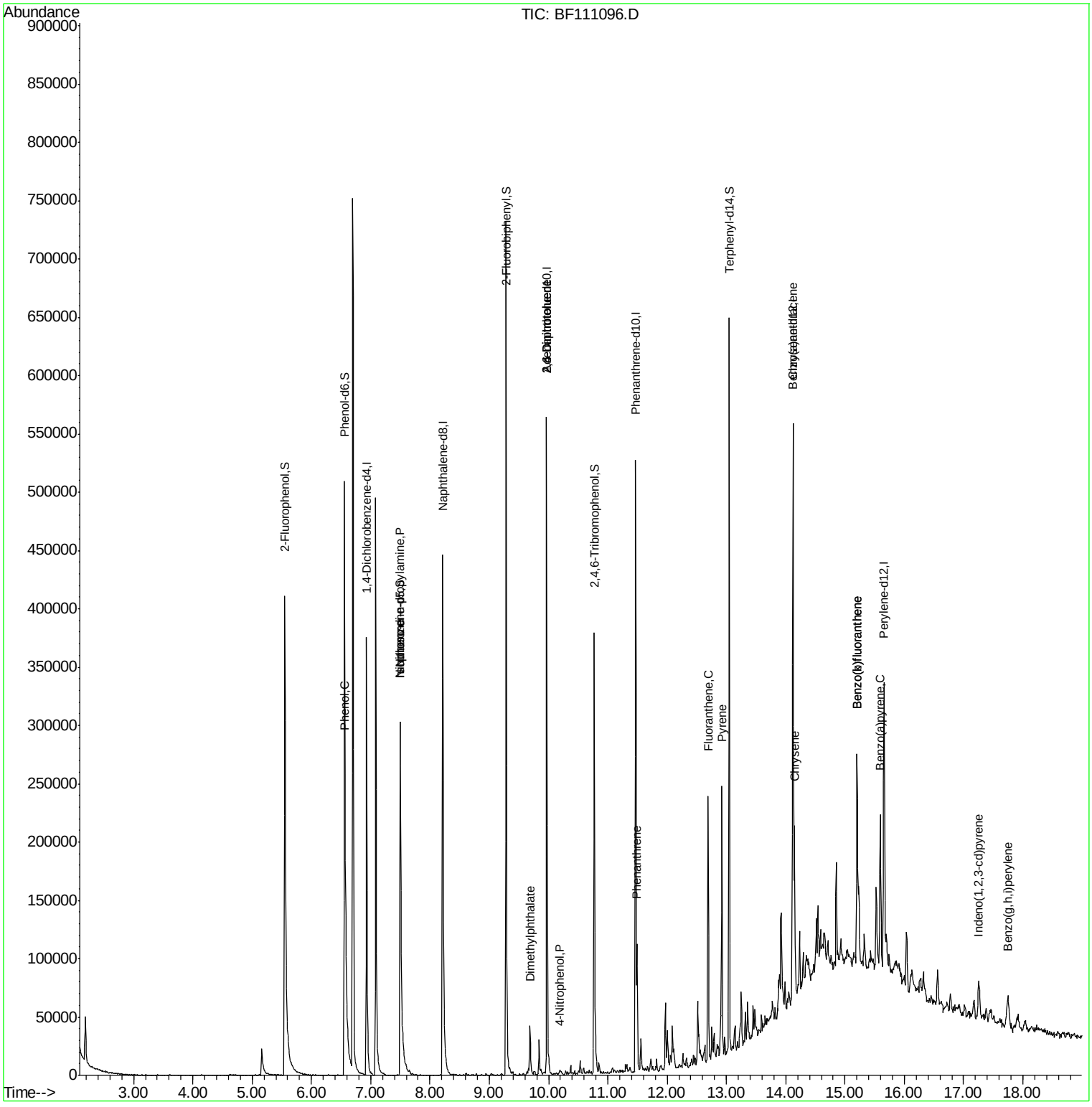
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

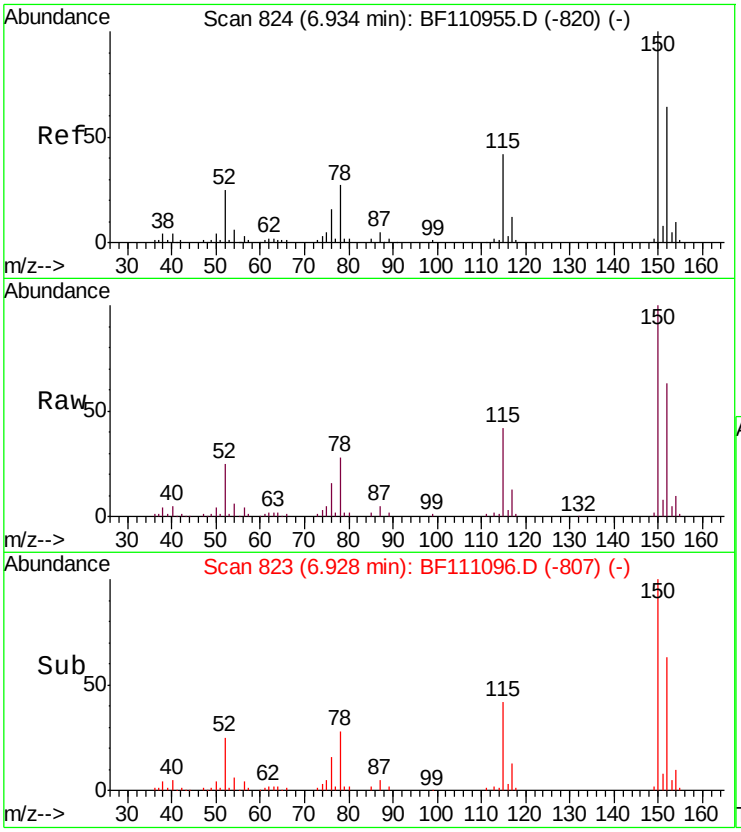
Quantitation Report (Not Reviewed)

Data File : BF111096.D
Acq On : 29 Nov 2018 17:52
Operator : JU/SJ
Sample : J5767-19 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Quant Time: Nov 30 02:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:35:31 2018
Response via : Initial Calibration



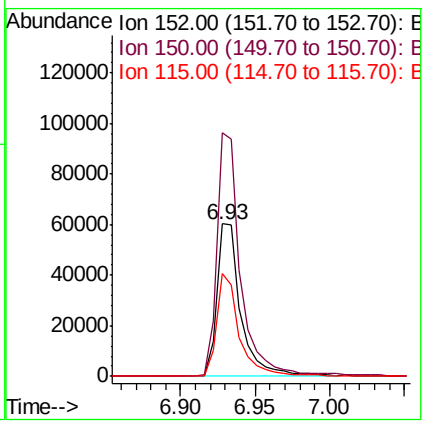


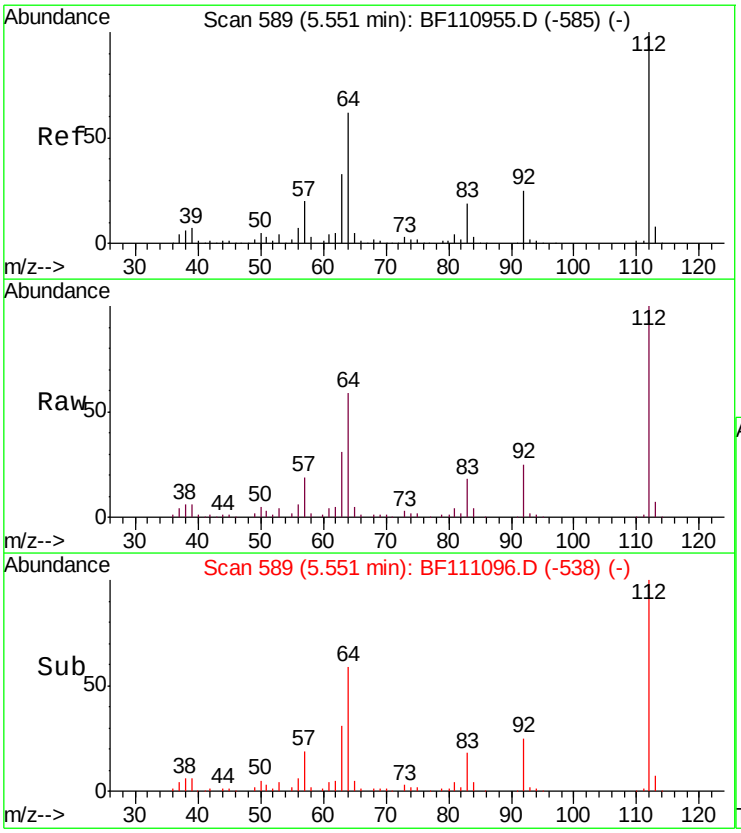
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:152 Resp: 67907

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	67.3	49.1	73.7

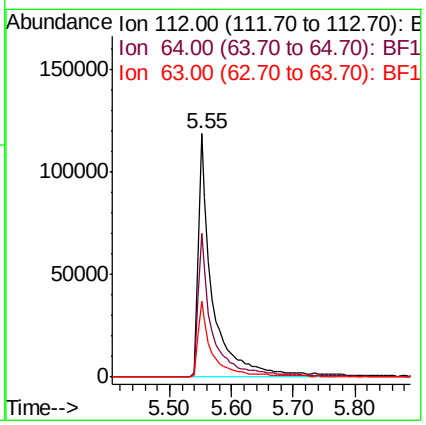


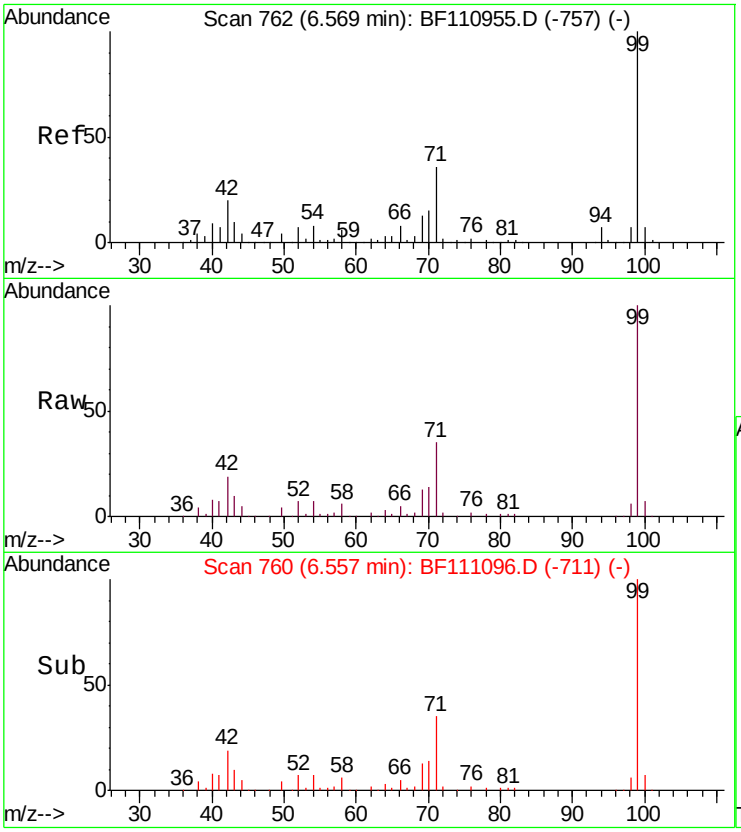


#5
2-Fluorophenol
Concen: 47.522 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:112 Resp: 194600

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.4	23.7	35.5



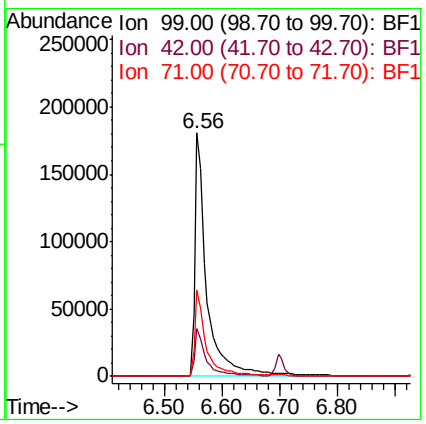


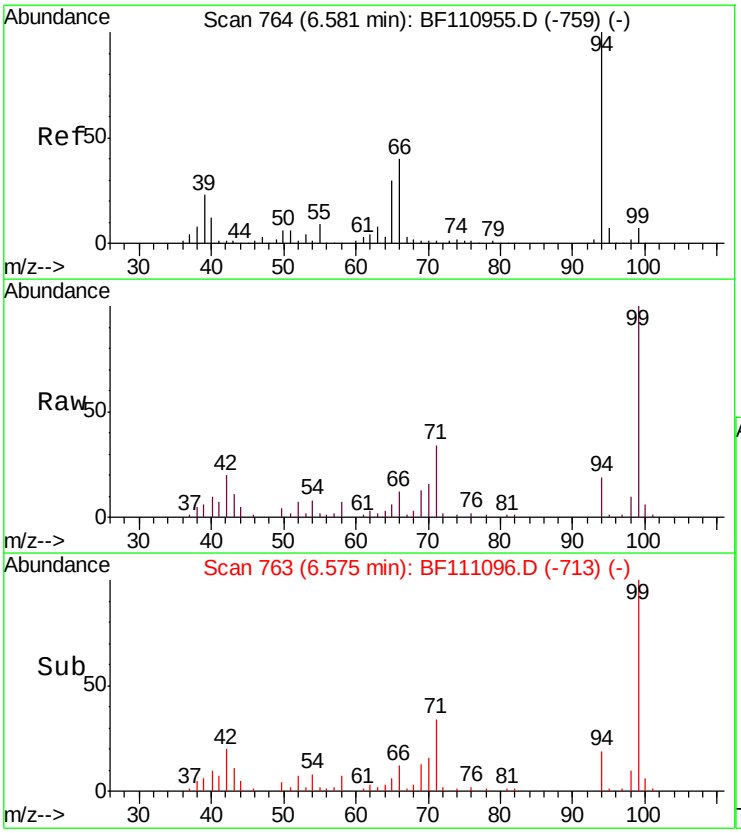
#7
Phenol-d6
Concen: 49.298 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion: 99 Resp: 263071

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	35.4	28.0	42.0

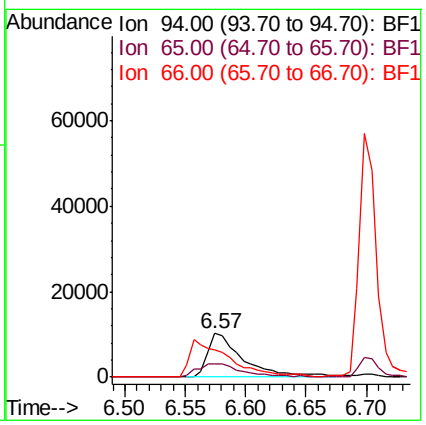


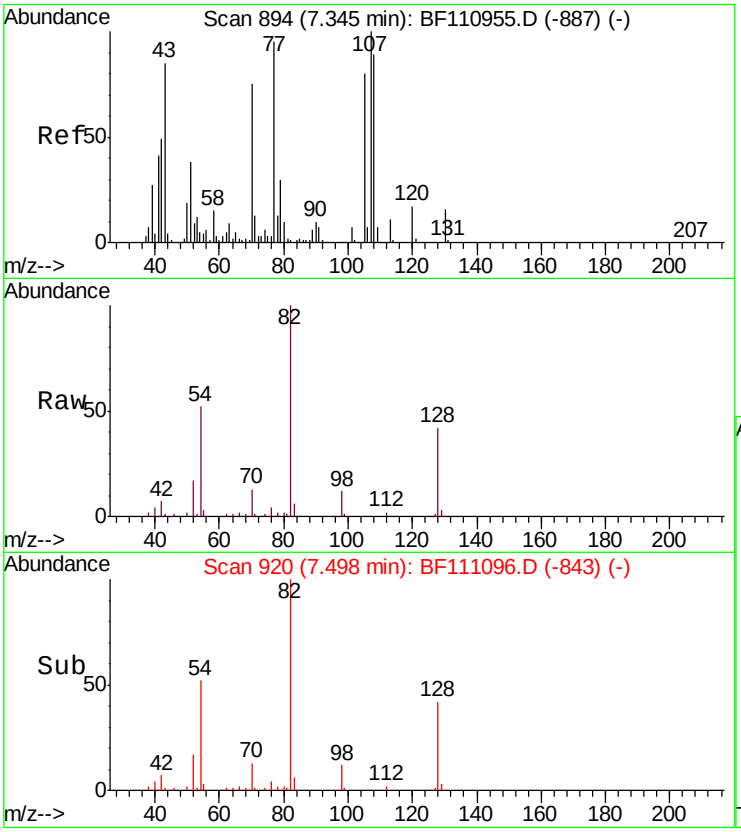


#10
Phenol
Concen: 3.502 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion: 94 Resp: 21047

Ion	Ratio	Lower	Upper
94	100		
65	30.7	25.3	65.3
66	61.9	54.5	94.5



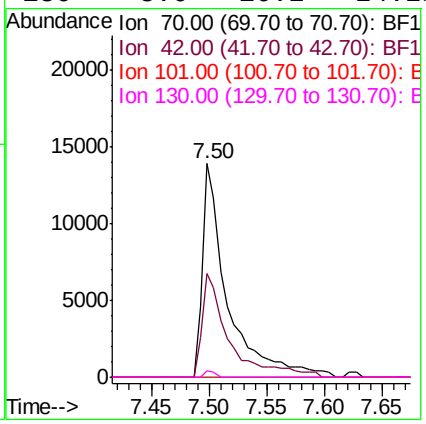


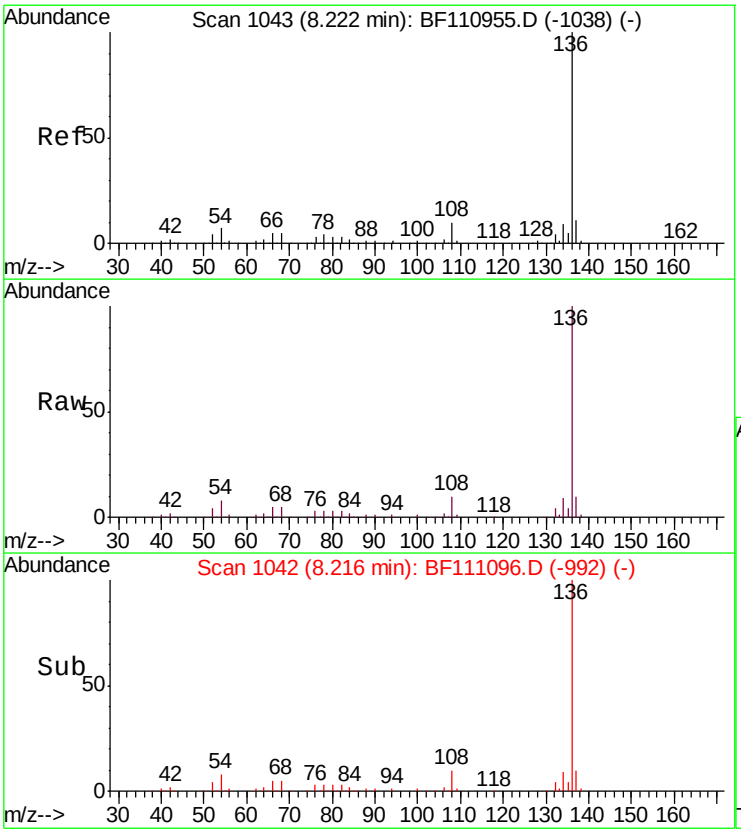
#19
n-Nitroso-di-n-propylamine
Concen: 6.074 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion: 70 Resp: 21115

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.4	71.2
101	0.0	7.3	10.9#
130	3.0	16.2	24.2#

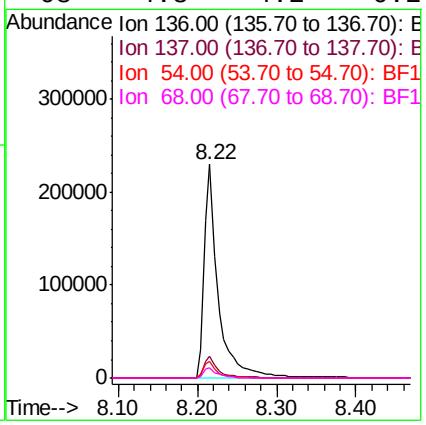


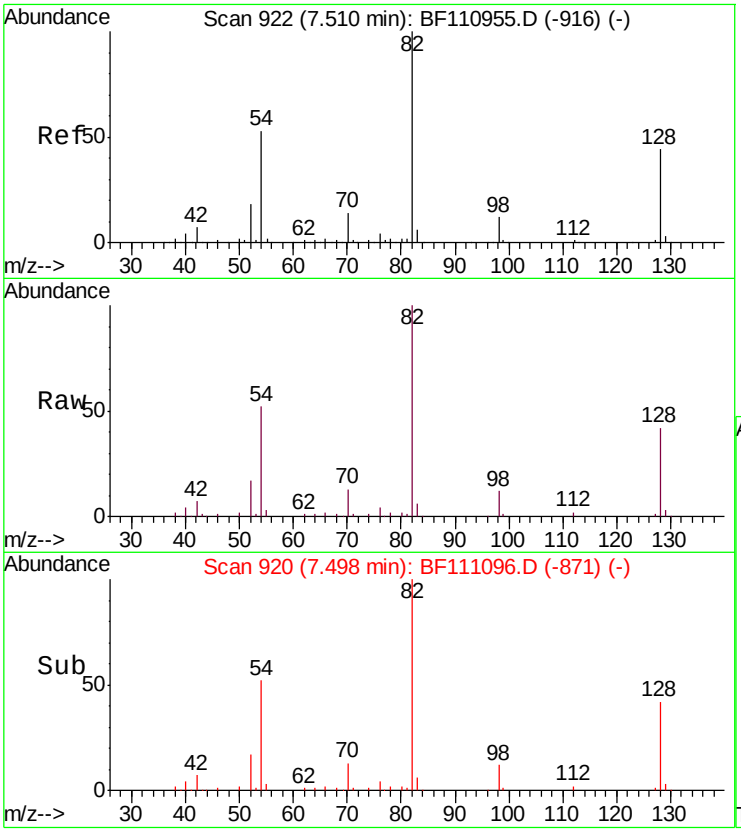


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:136 Resp: 284559

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.6	5.4	8.2
68	4.8	4.2	6.2



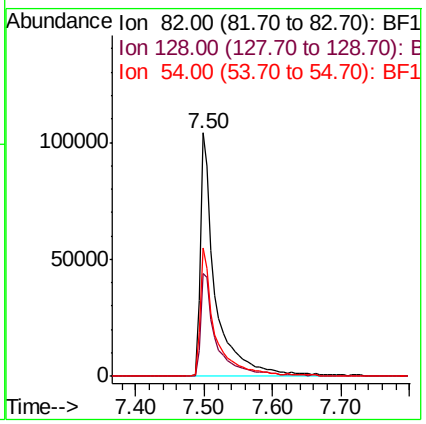


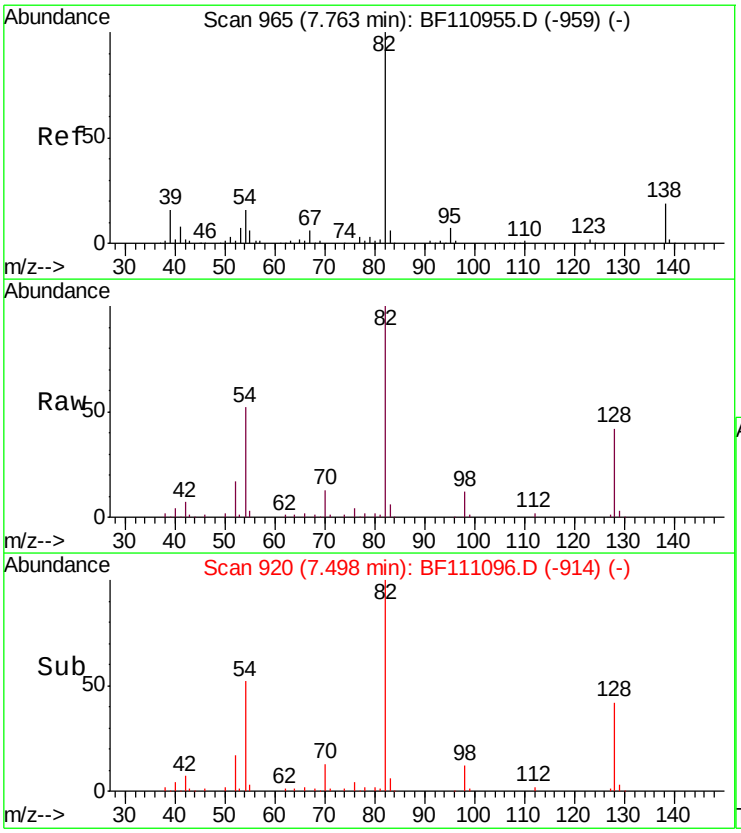
#23
Nitrobenzene-d5
Concen: 32.760 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion: 82 Resp: 162886

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.2
54	52.5	38.6	58.0

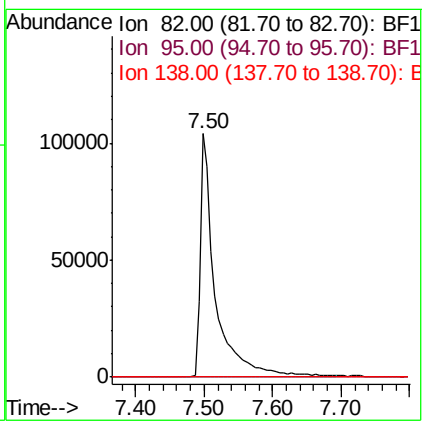


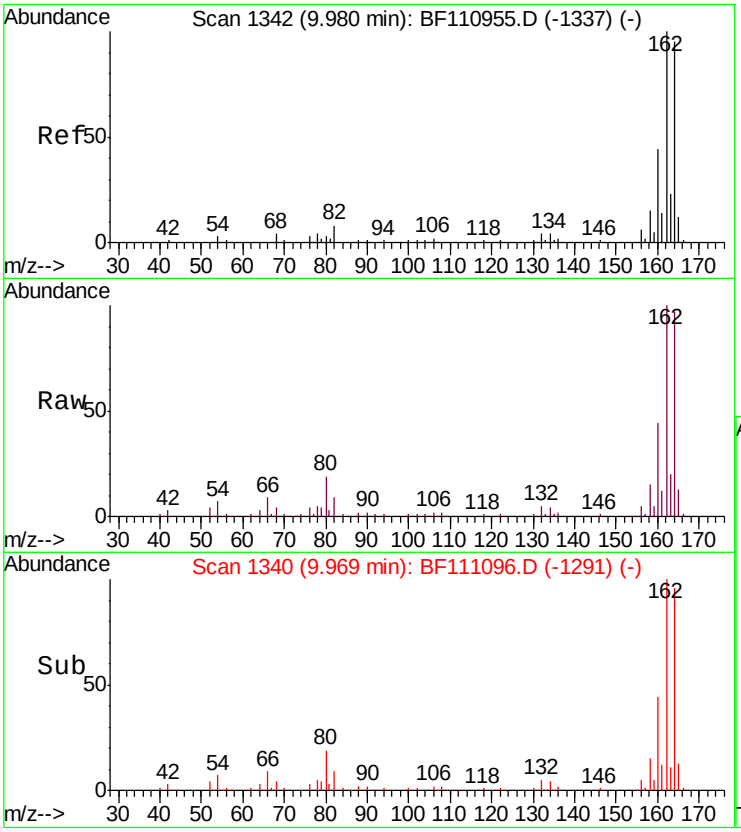


#25
Isophorone
Concen: 19.971 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.26 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion: 82 Resp: 162886

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



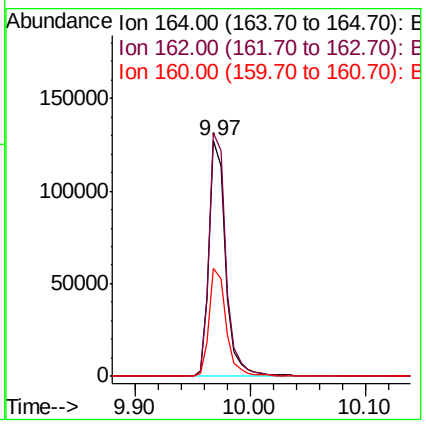


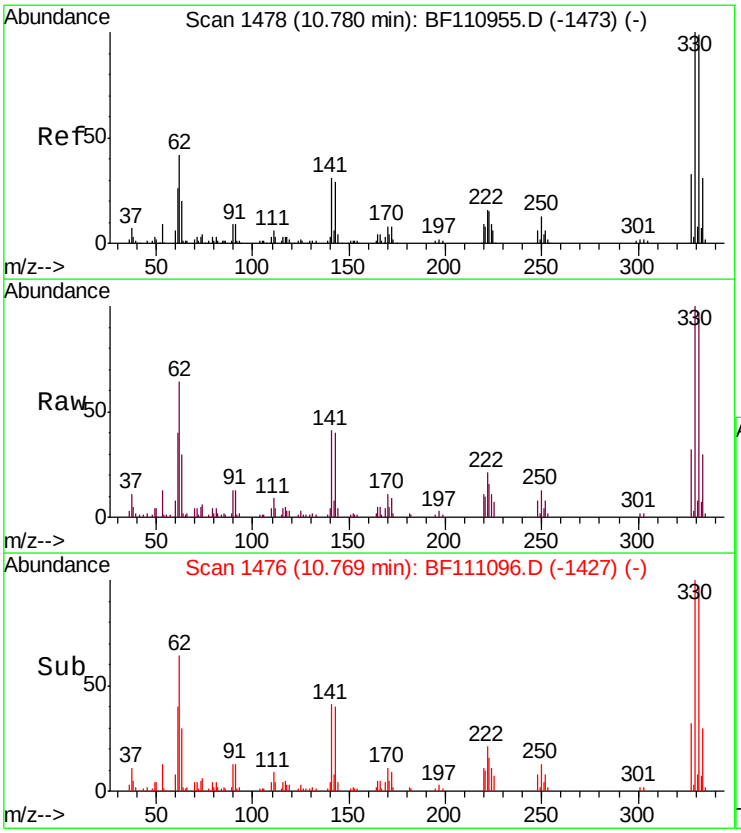
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:164 Resp: 126906

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.0	37.0	55.6

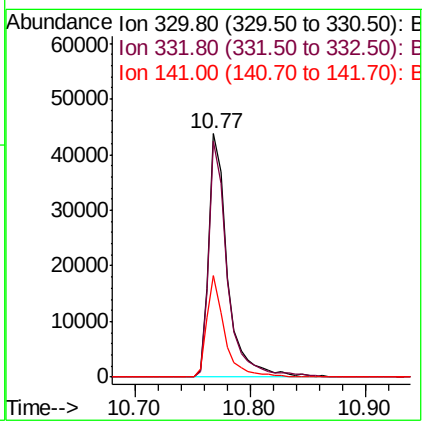


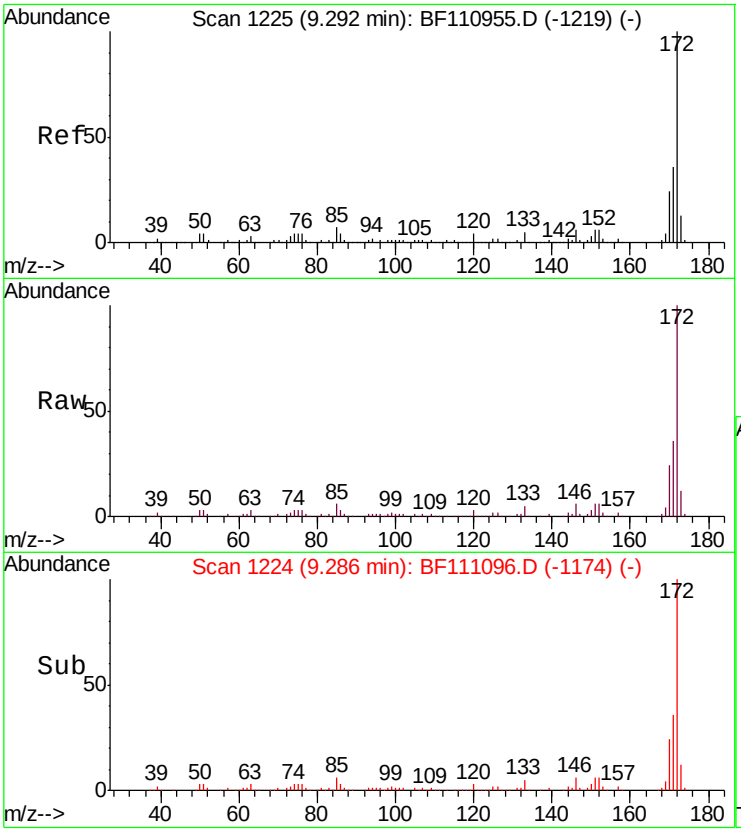


#42
2,4,6-Tribromophenol
Concen: 39.334 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:330 Resp: 49575

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	39.1	27.0	40.4



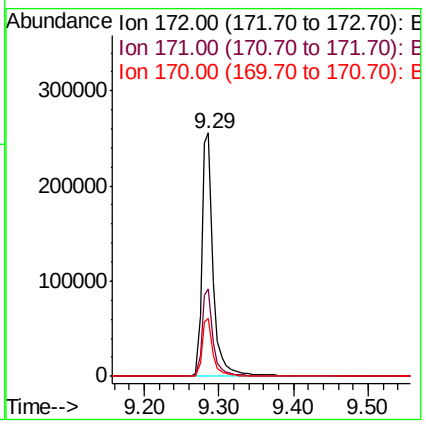


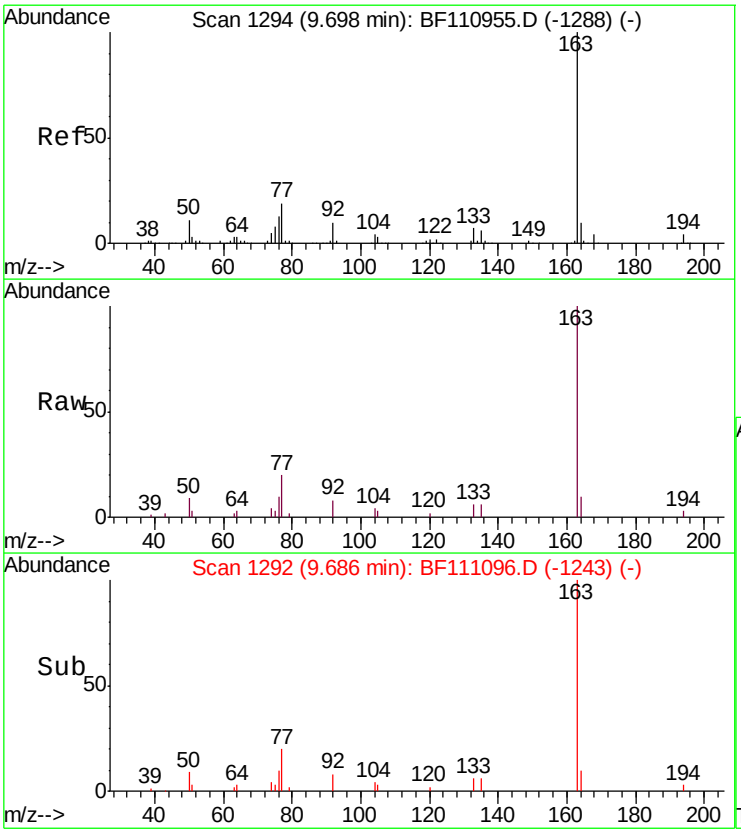
#45
2-Fluorobiphenyl
Concen: 31.132 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:172 Resp: 272698

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.7	29.5

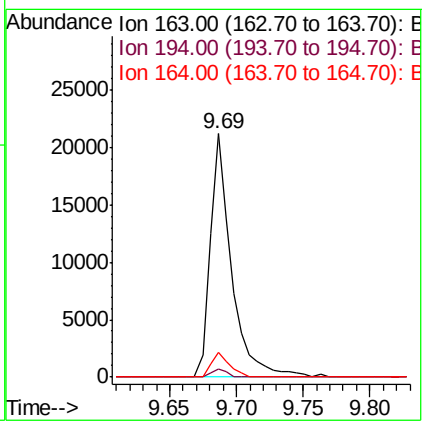


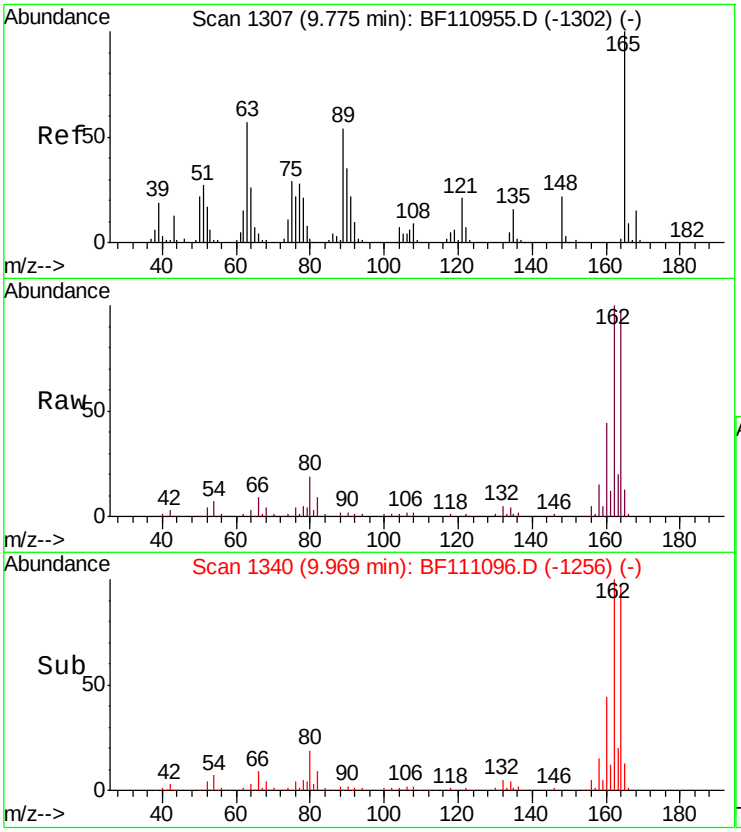


#50
Dimethylphthalate
Concen: 2.553 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:163 Resp: 23764

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.0	8.1	12.1



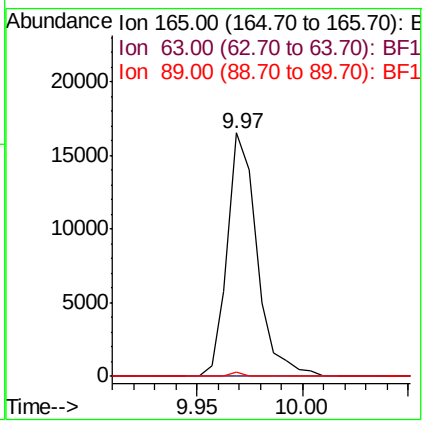


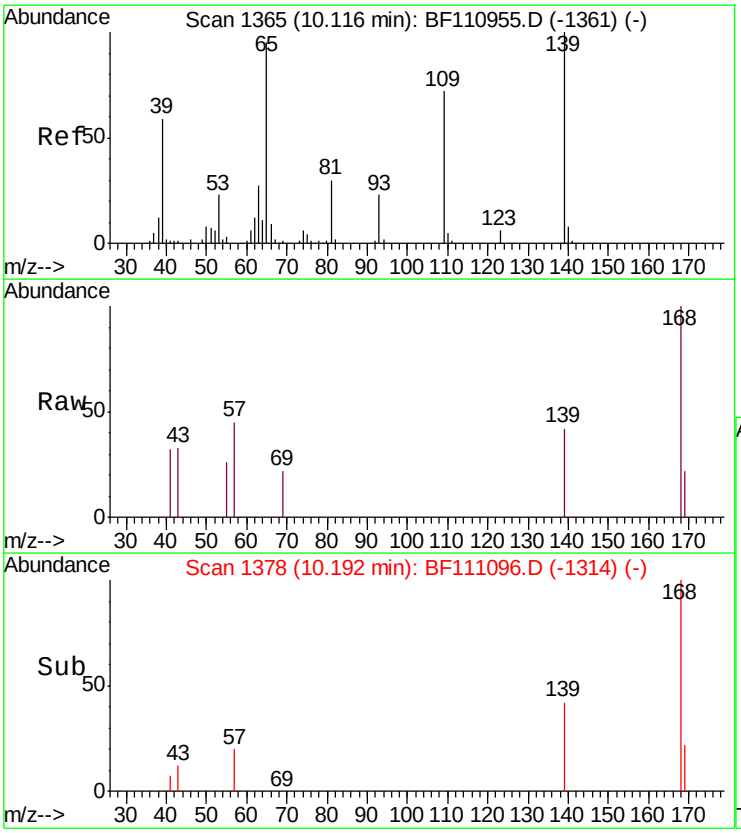
#51
2,6-Dinitrotoluene
Concen: 7.775 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:165 Resp: 16110

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.8	46.6	69.8#

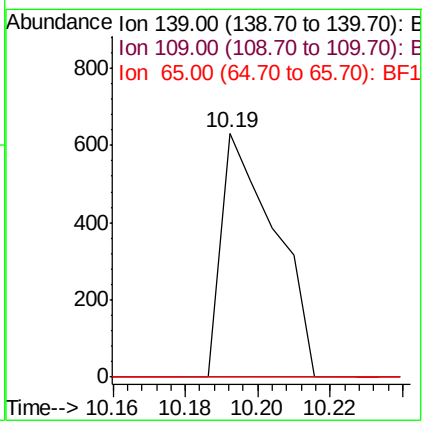


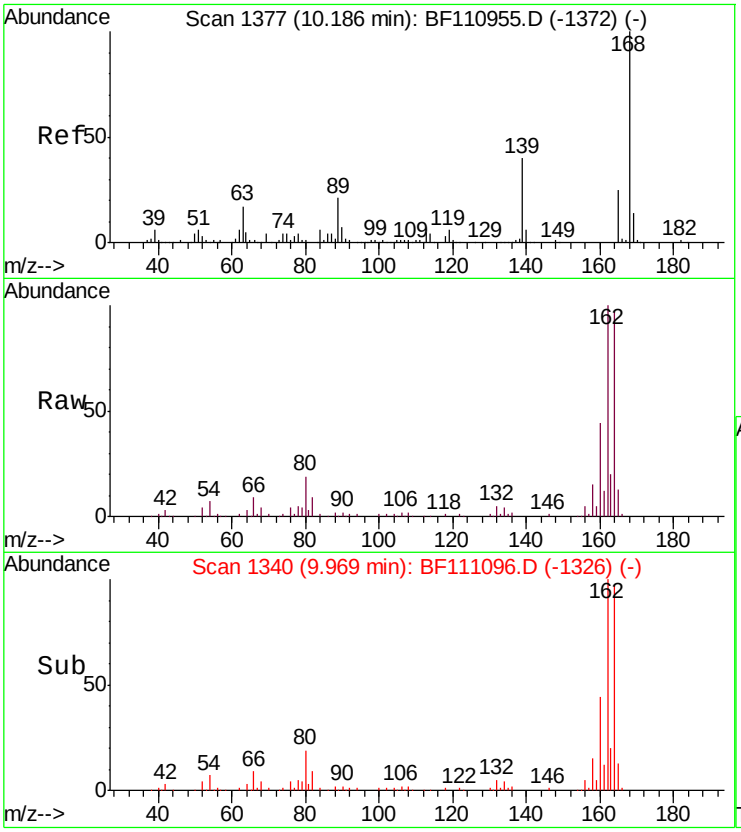


#56
4-Nitrophenol
Concen: 4.696 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:139 Resp: 650

Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



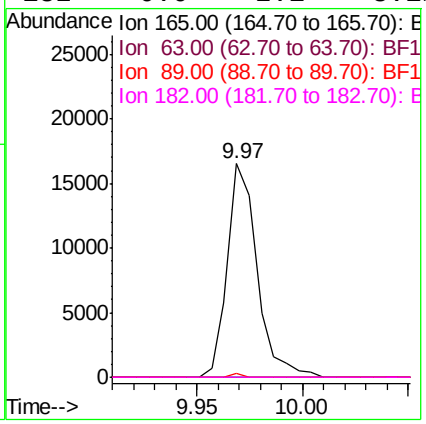


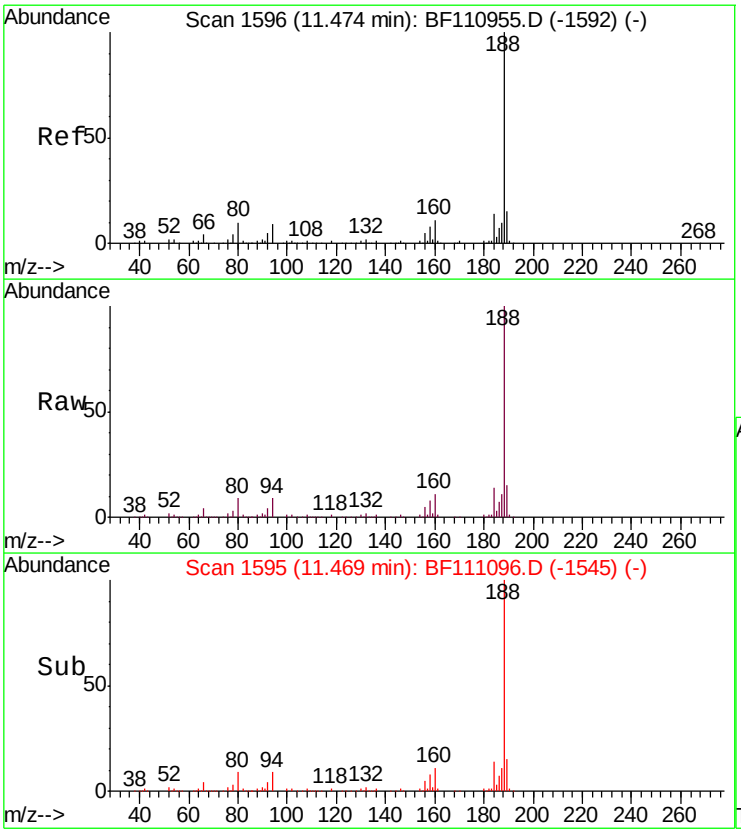
#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.22 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:165 Resp: 16110

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#

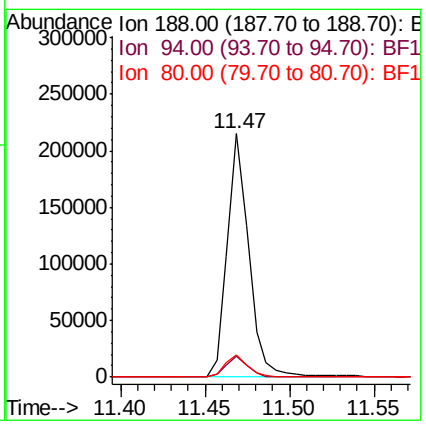


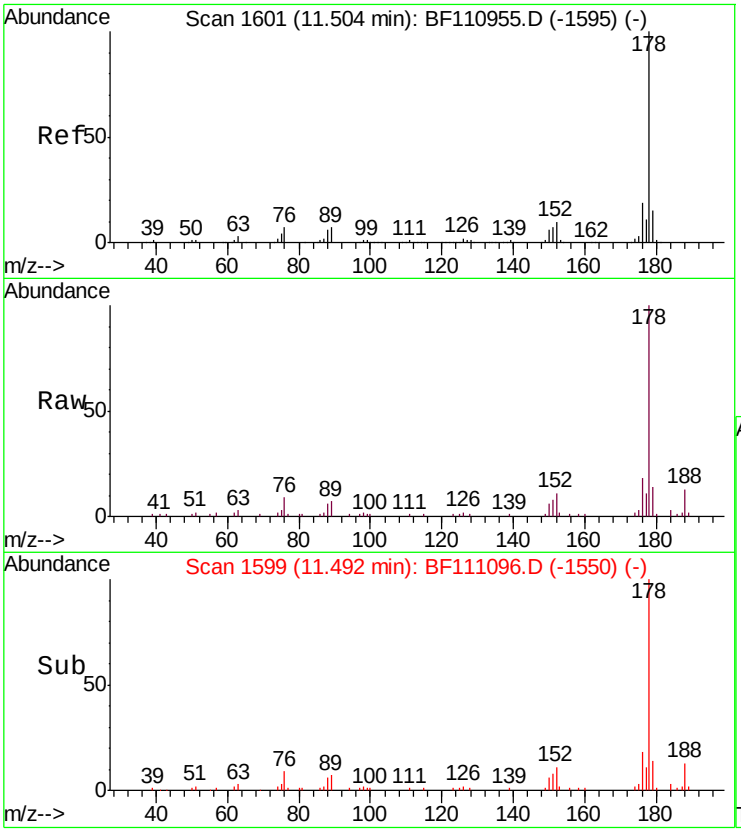


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:188 Resp: 190976

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.1	7.9	11.9



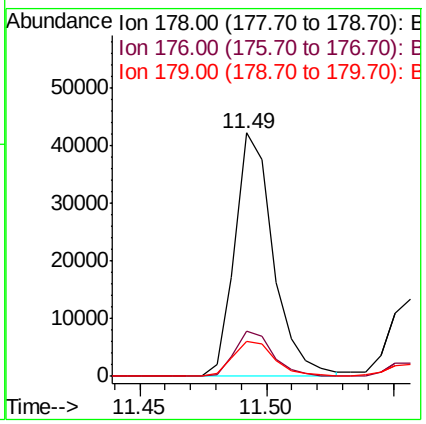


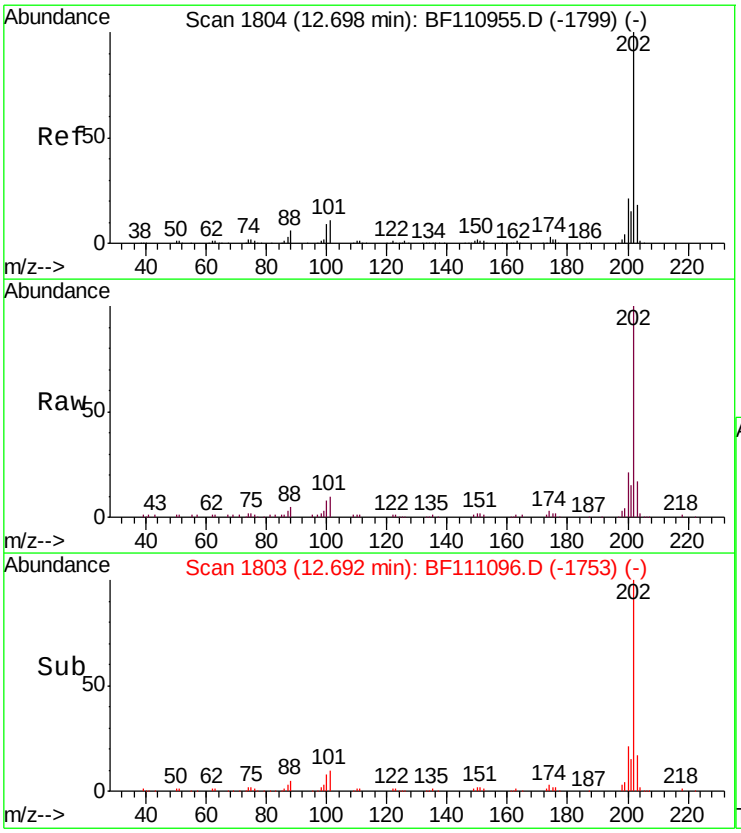
#71
Phenanthrene
Concen: 4.429 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:178 Resp: 44793

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.3	12.5	18.7

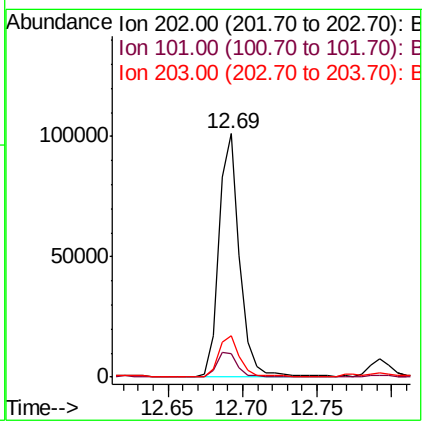


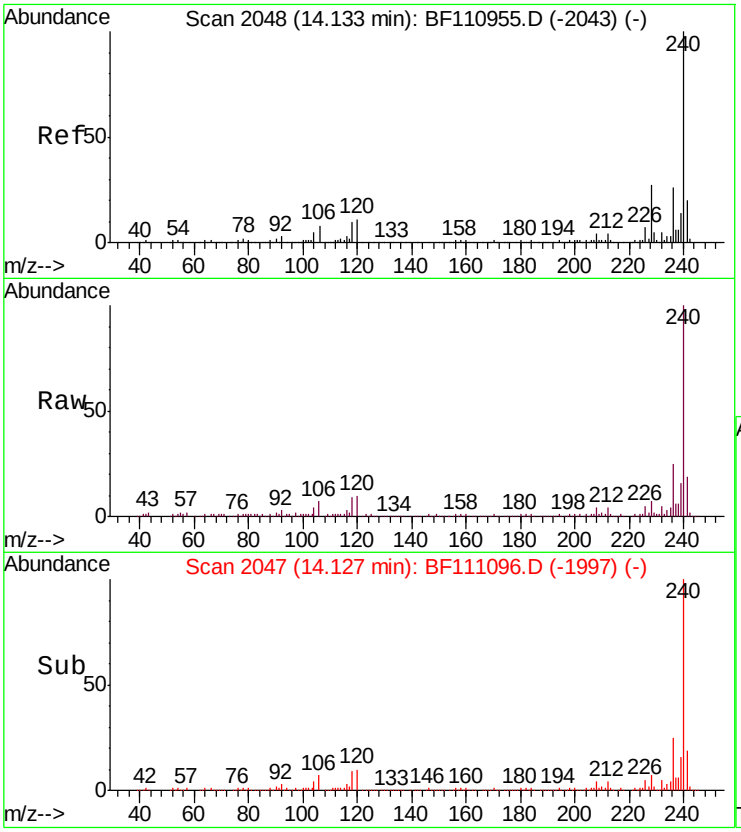


#75
Fluoranthene
Concen: 9.564 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:202 Resp: 99423

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.1	0.0	37.7



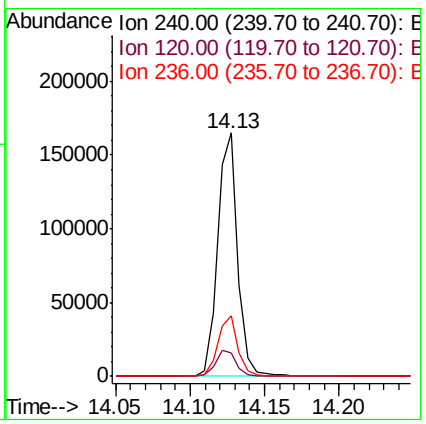


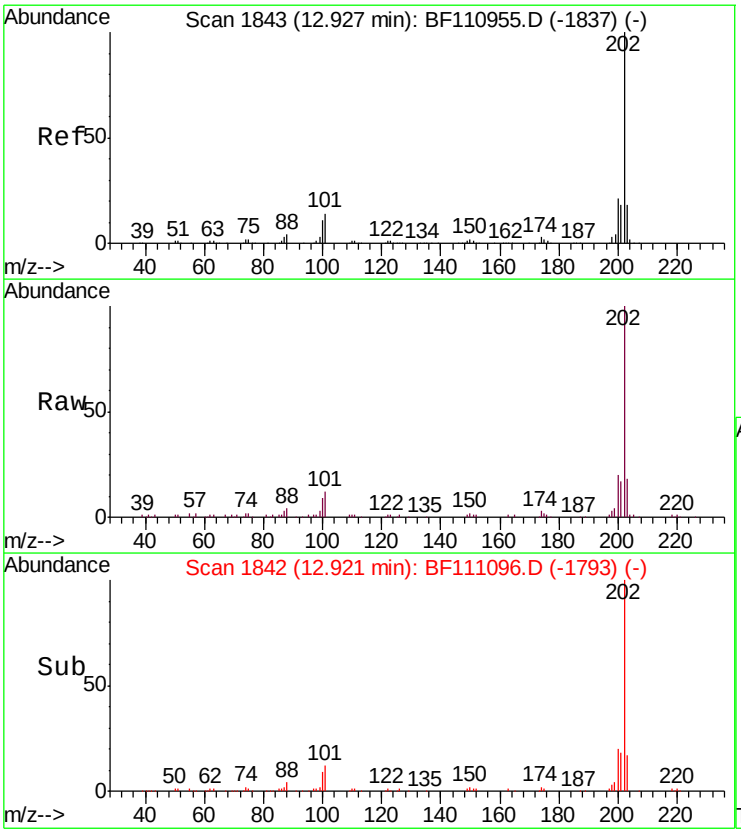
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:240 Resp: 154874

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	25.0	21.2	31.8

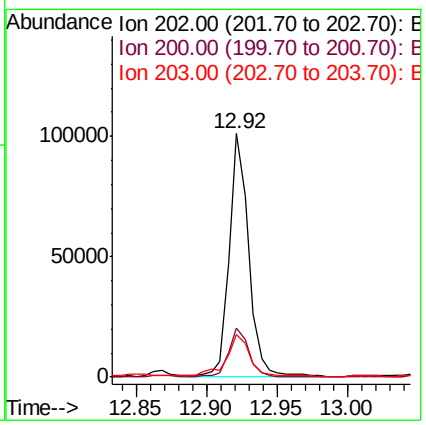


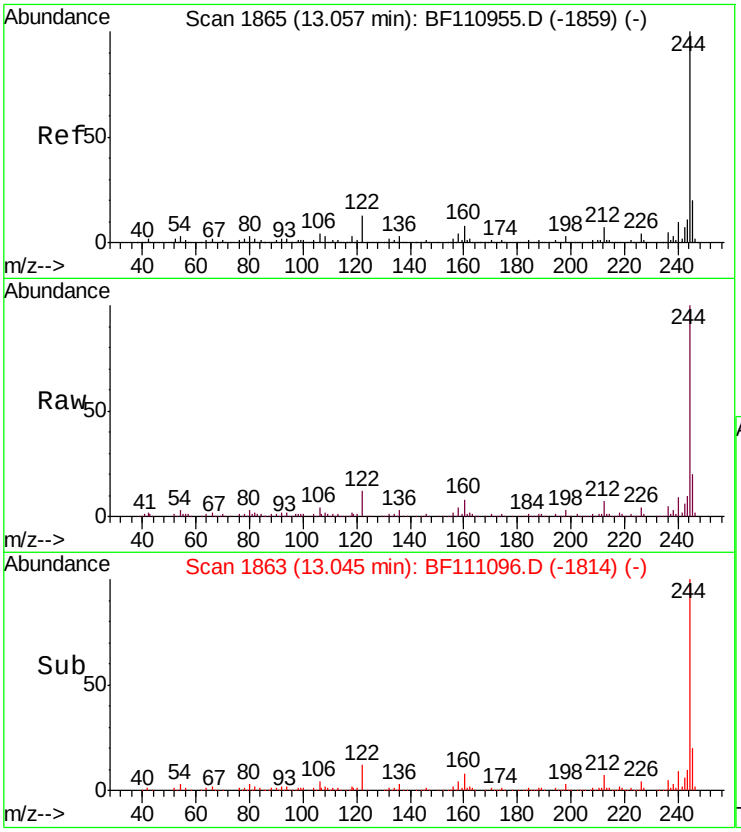


#78
Pyrene
Concen: 8.524 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:202 Resp: 96422

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.8	14.2	21.4



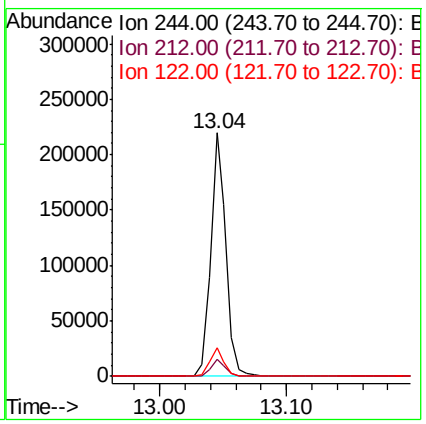


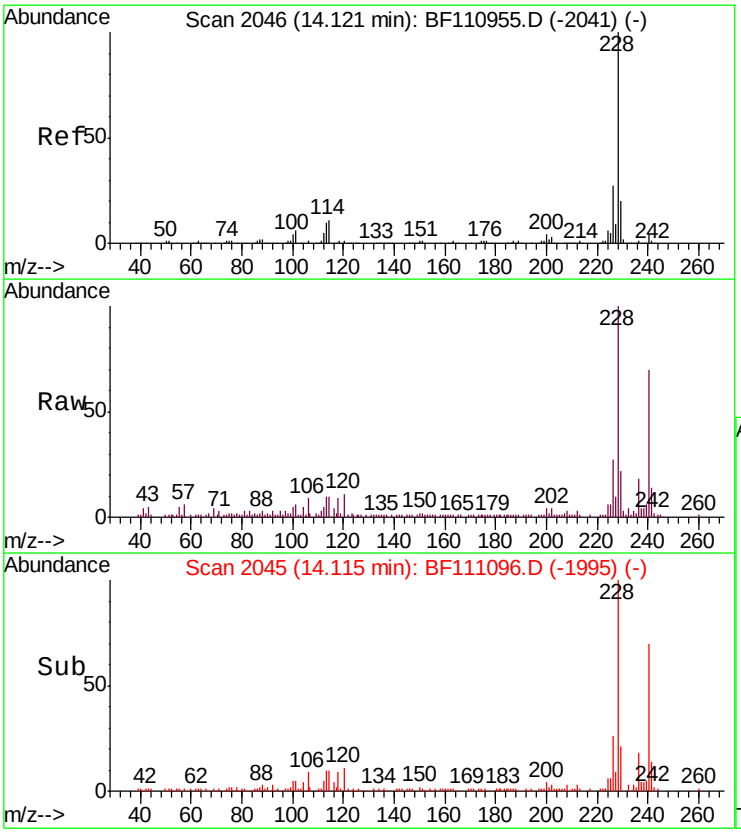
#79
Terphenyl-d14
Concen: 23.279 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:244 Resp: 185210

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.9	8.7	13.1

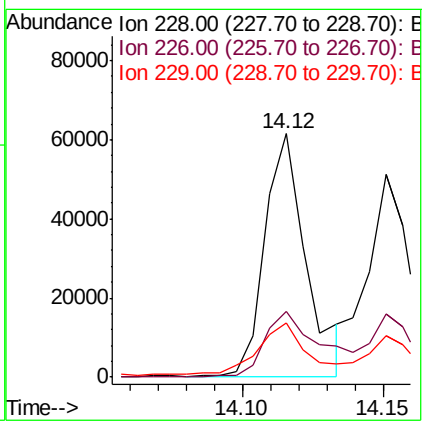


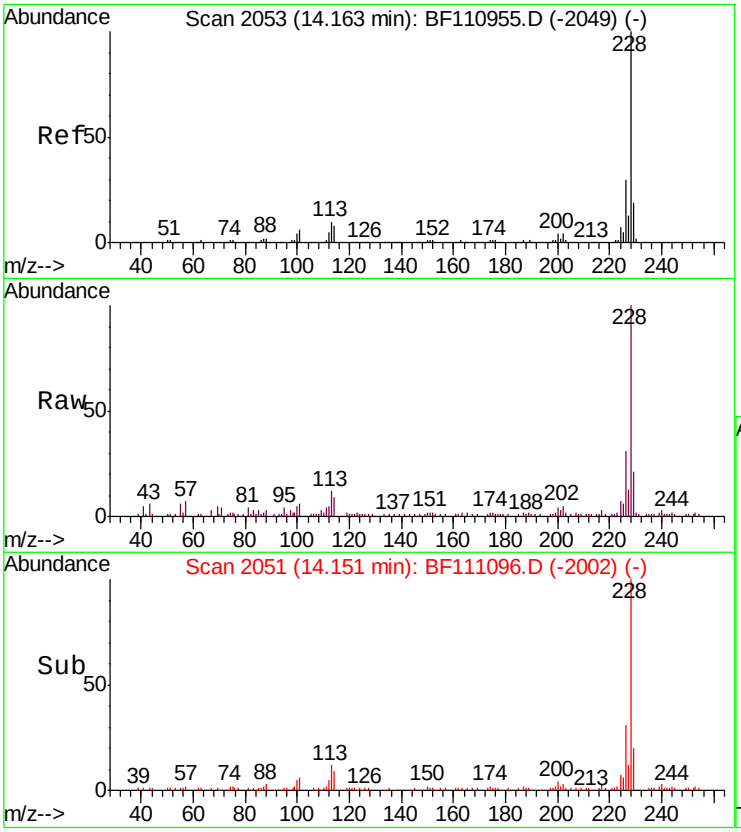


#81
Benzo(a)anthracene
Concen: 6.883 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:228 Resp: 62937

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	22.1	15.6	23.4



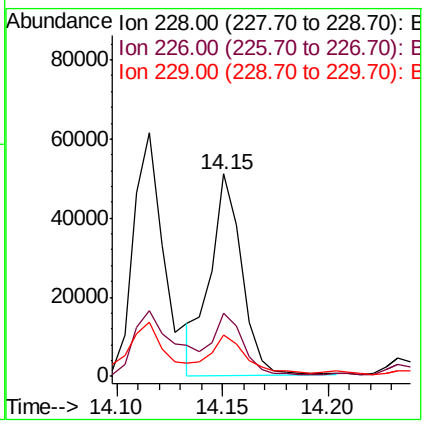


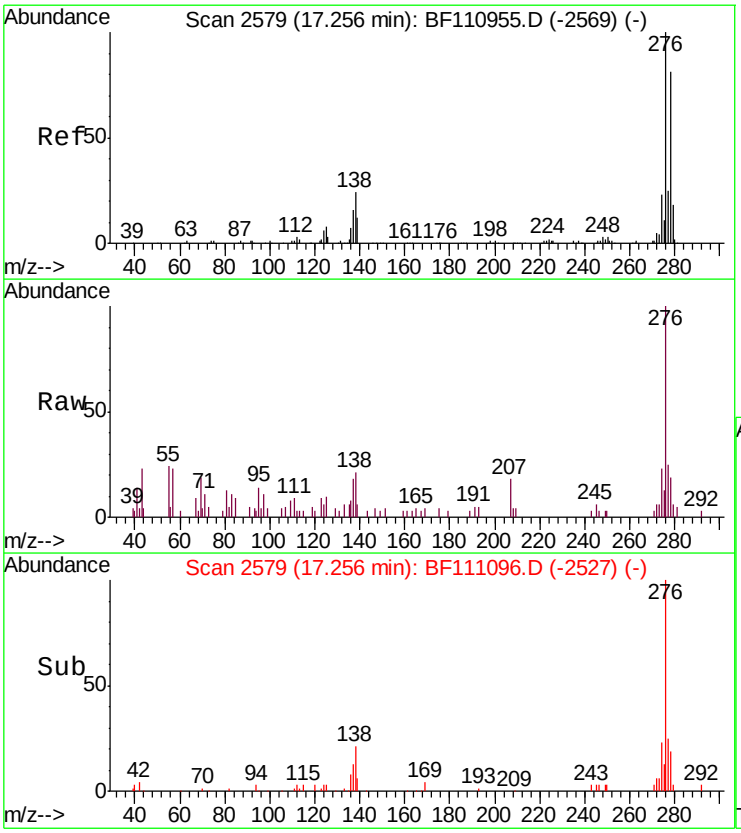
#83
Chrysene
Concen: 5.879 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:228 Resp: 52918

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.6	15.9	23.9

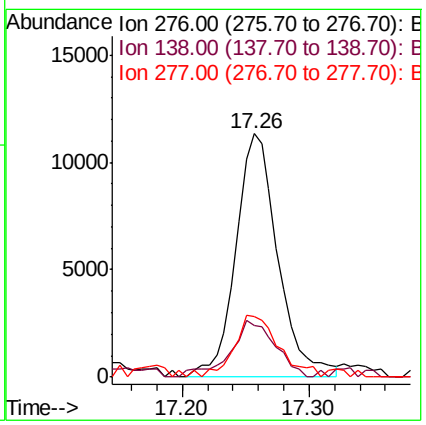


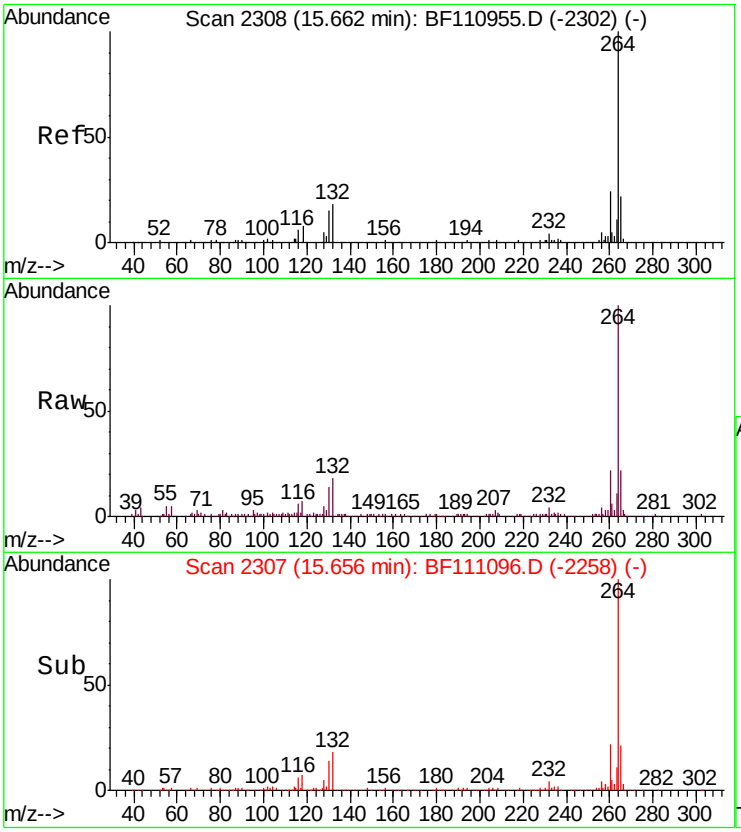


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.045 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:276 Resp: 26133

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.5	27.7
277	26.7	20.0	30.0



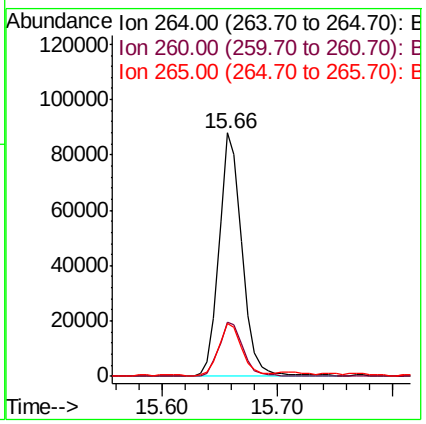


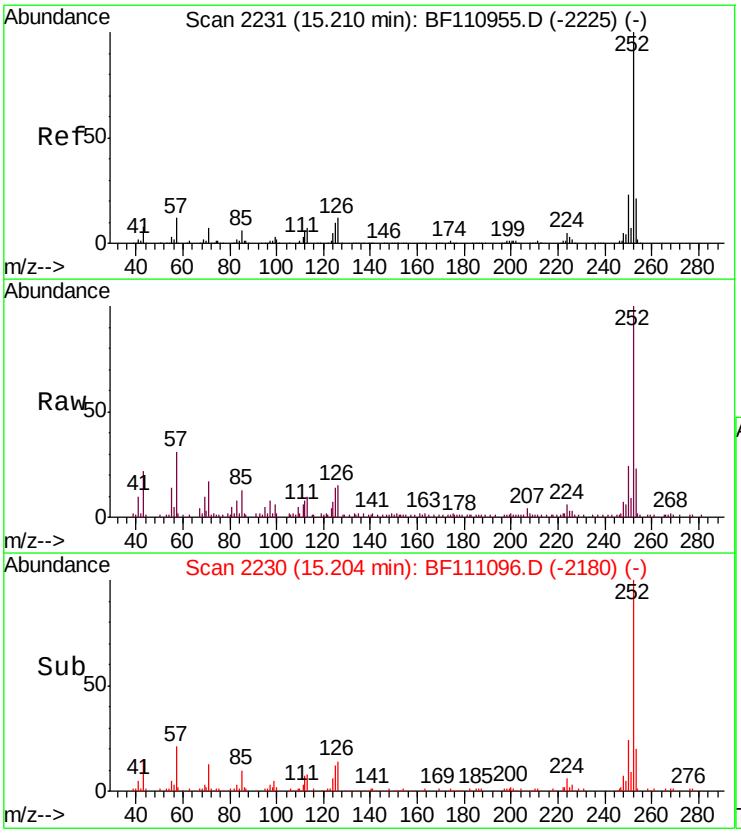
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:264 Resp: 120544

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.7	16.7	25.1

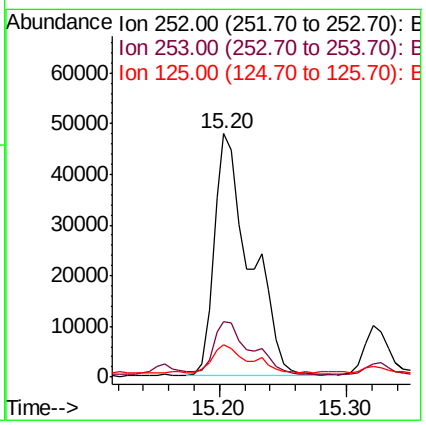


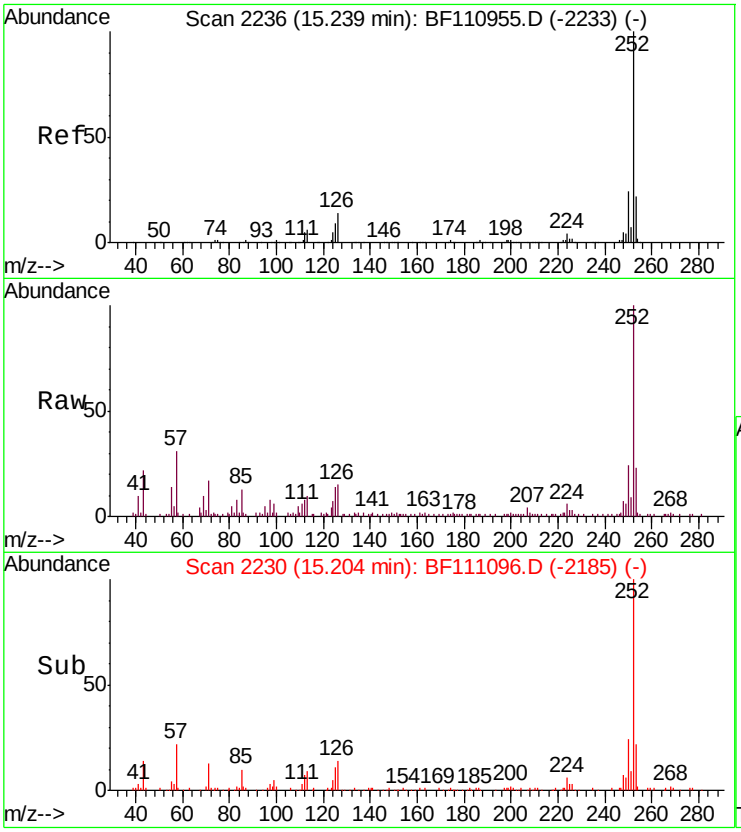


#88
Benzo(b)fluoranthene
Concen: 13.312 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:252 Resp: 94269

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.5	8.2	12.4#



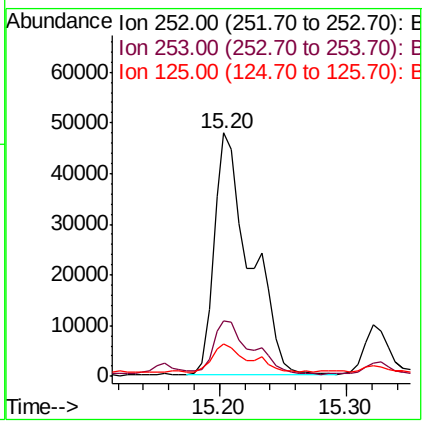


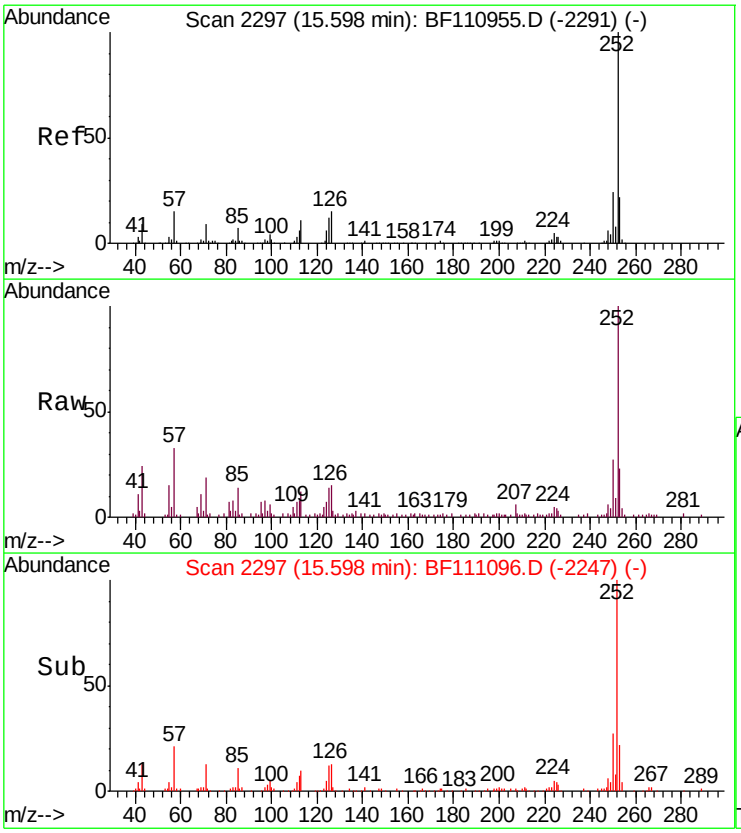
#89
Benzo(k)fluoranthene
Concen: 12.933 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:252 Resp: 94269

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.5	7.4	11.0#

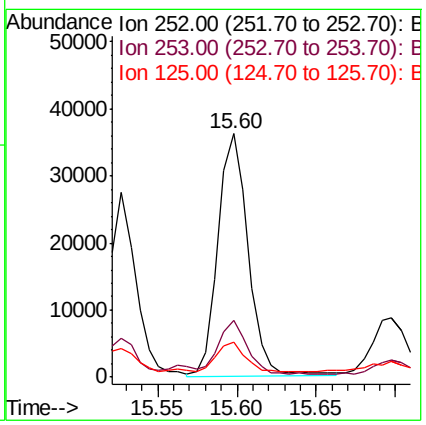


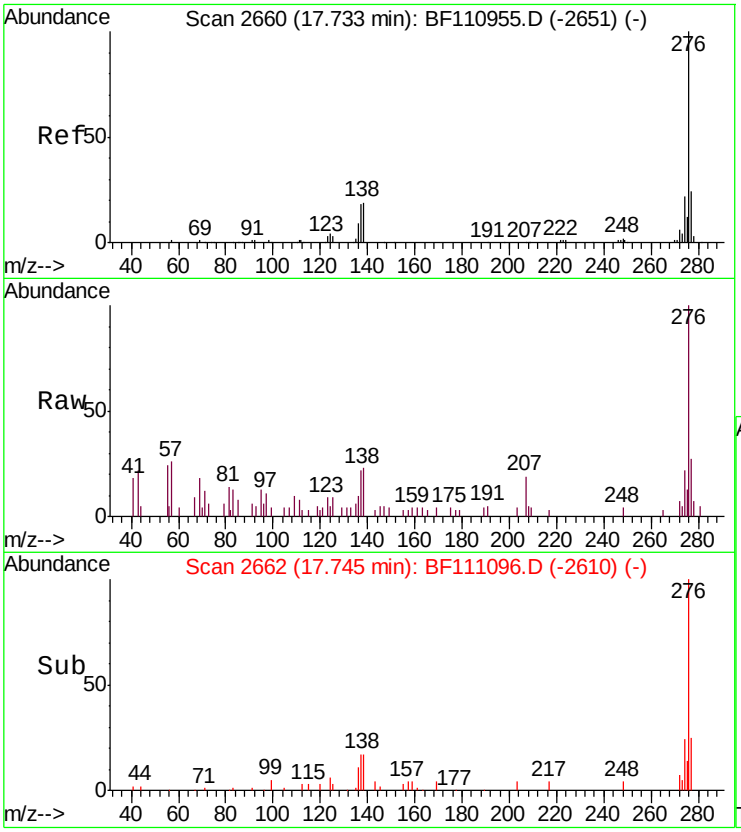


#90
Benzo(a)pyrene
Concen: 7.264 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Tgt Ion:252 Resp: 47879

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	14.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.535 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF111096.D
Acq: 29 Nov 2018 17:52

Instrument :
BNA_F
ClientSampleId :
CL-02-112818-B

Tgt Ion:276 Resp: 23780

Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	23.0	16.0	24.0