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

Quantitation Report (Not Reviewed)

Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 30 02:37:50 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	60747	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	253590	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	113077	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	170347	20.00	ng		0.00
76) Chrysene-d12	14.13	240	135519	20.00	ng		0.00
87) Perylene-d12	15.66	264	118725	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	164453	44.89	ng		0.00
7) Phenol-d6	6.56	99	222165	46.54	ng		0.00
23) Nitrobenzene-d5	7.50	82	139023	31.37	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	40884	36.41	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	253288	32.45	ng		0.00
79) Terphenyl-d14	13.04	244	173489	24.92	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.70	77	3985	Below Cal		#	70
10) Phenol	6.57	94	17943	3.338	ng		93
19) n-Nitroso-di-n-propylamine	7.50	70	18017	5.794	ng	#	83
25) Isophorone	7.50	82	139023	19.127	ng	#	67
50) Dimethylphthalate	9.69	163	20016	2.414	ng		96
51) 2,6-Dinitrotoluene	9.97	165	14239	7.713	ng	#	21
52) Acenaphthene	10.00	154	24296	3.526	ng		96
56) 4-Nitrophenol	10.19	139	4514	7.811	ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	14239	5.945	ng	#	17
58) Fluorene	10.53	166	23054	2.948	ng		99
71) Phenanthrene	11.49	178	236211	26.182	ng		99
72) Anthracene	11.55	178	59531	6.479	ng		98
75) Fluoranthene	12.69	202	285045	30.740	ng		97
78) Pyrene	12.92	202	239213	24.168	ng		97
81) Benzo(a)anthracene	14.12	228	127318	15.913	ng		99
83) Chrysene	14.15	228	107411	13.637	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	33176	5.868	ng		98
88) Benzo(b)fluoranthene	15.20	252	156971	22.506	ng		97
89) Benzo(k)fluoranthene	15.20	252	156971	21.866	ng	#	96
90) Benzo(a)pyrene	15.60	252	78336	12.066	ng		100
92) Benzo(g,h,i)perylene	17.74	276	28741	5.565	ng		96

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

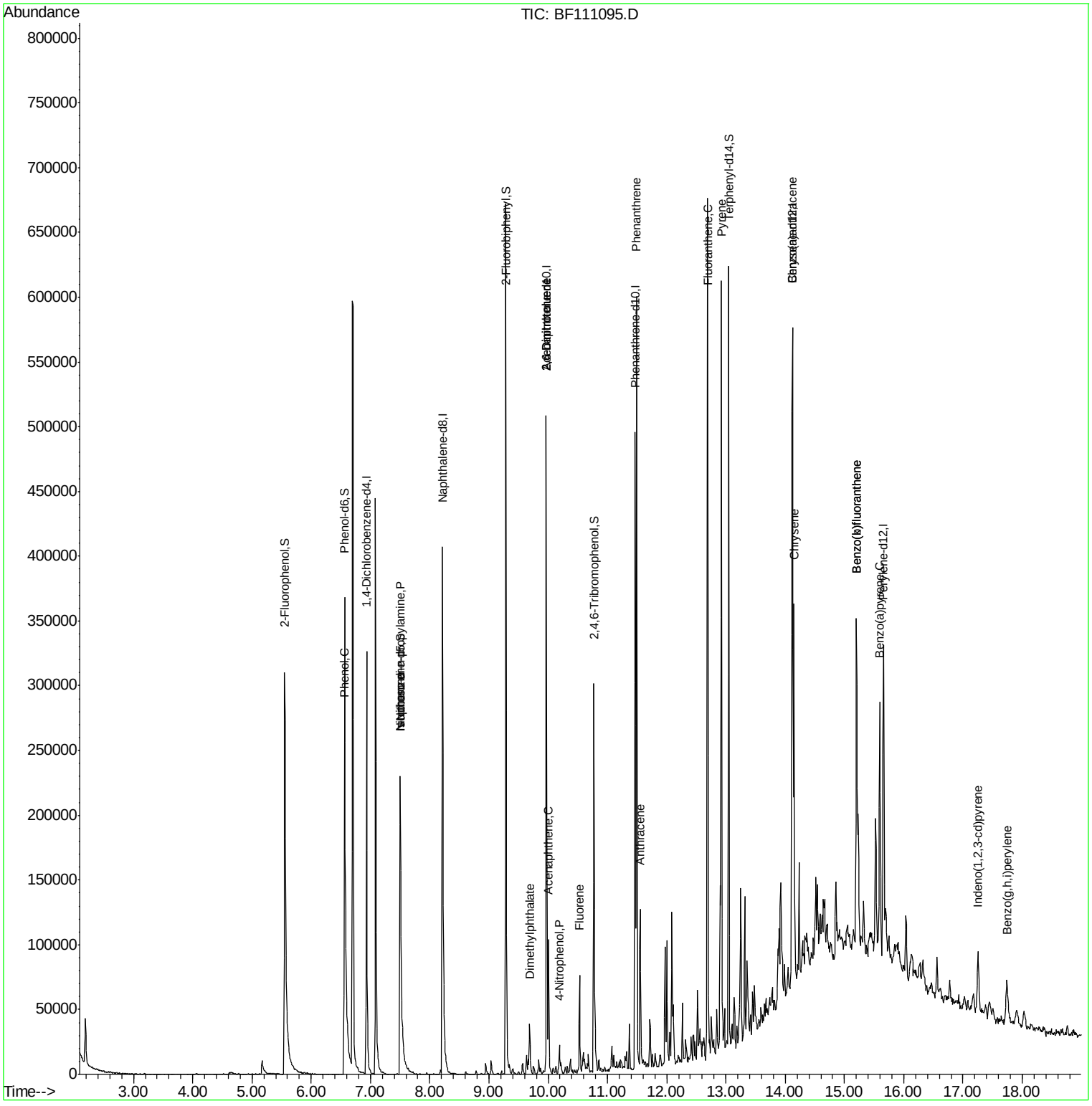
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112918\

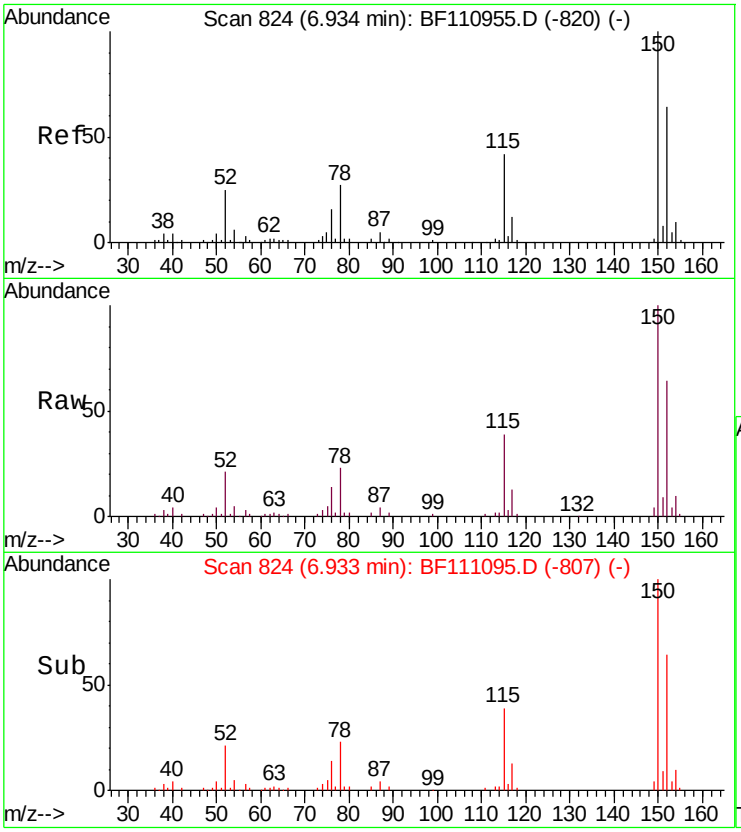
Quantitation Report (Not Reviewed)

Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 30 02:37:50 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



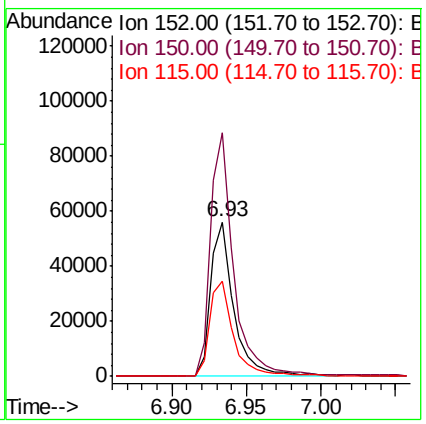


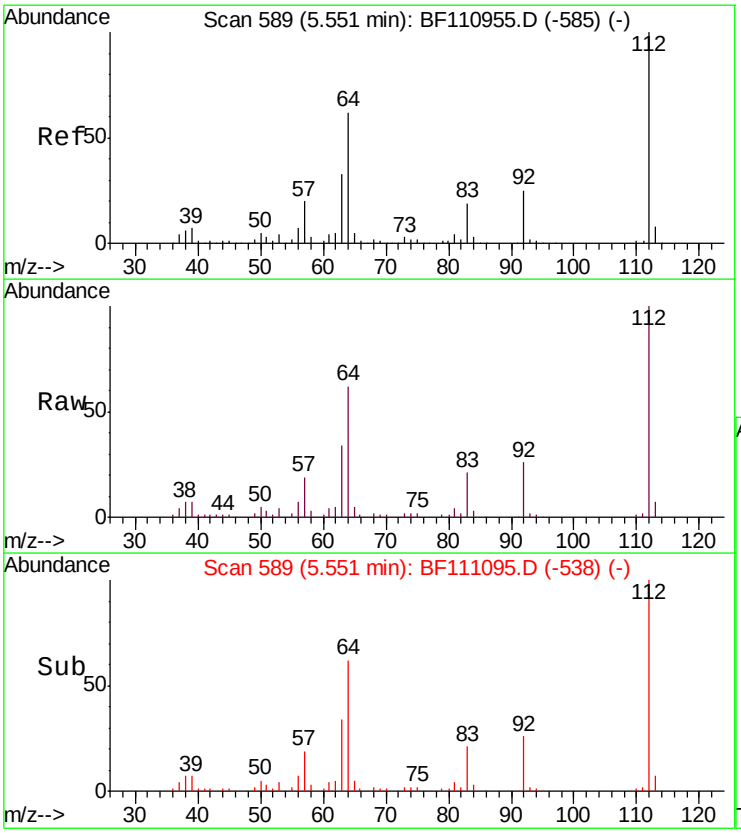
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:152 Resp: 60747

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	61.4	49.1	73.7

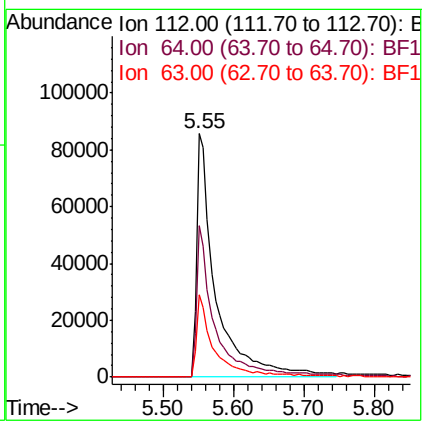


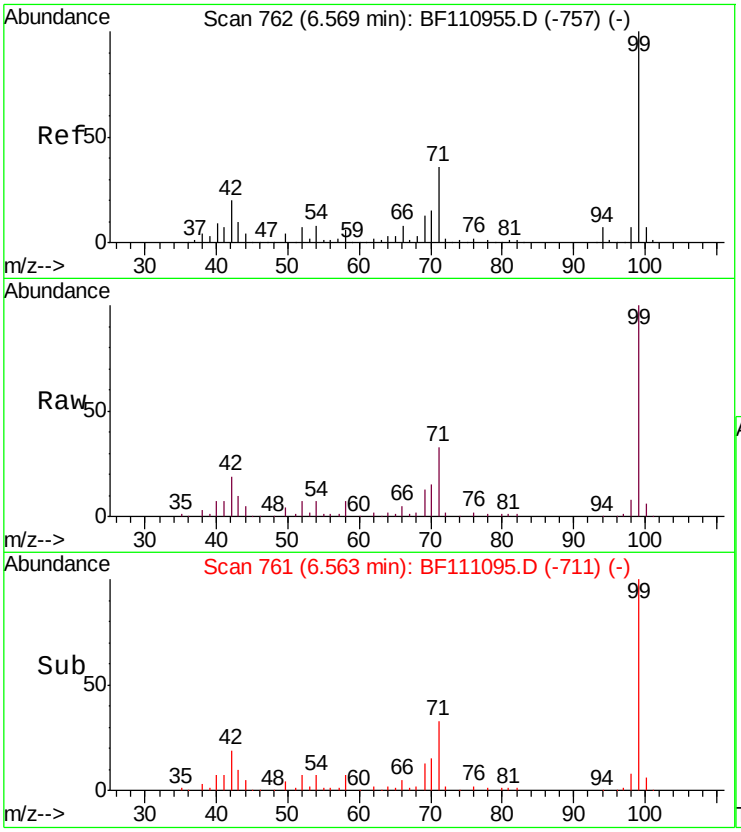


#5
2-Fluorophenol
Concen: 44.894 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:112 Resp: 164453

Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	33.8	23.7	35.5



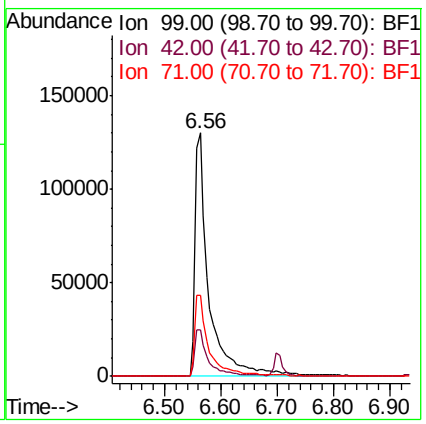


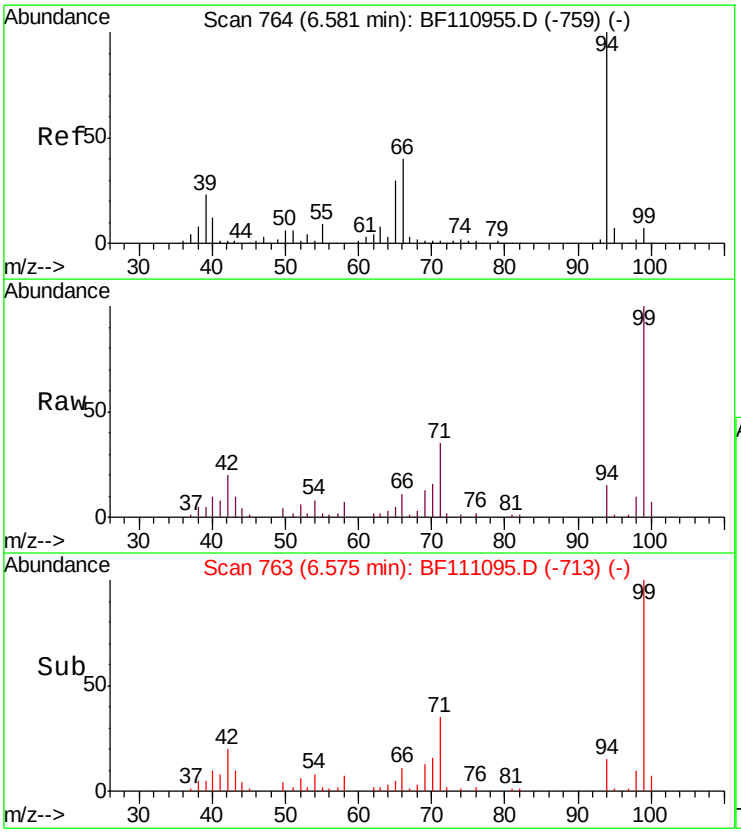
#7
Phenol-d6
Concen: 46.539 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion: 99 Resp: 222165

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	33.4	28.0	42.0

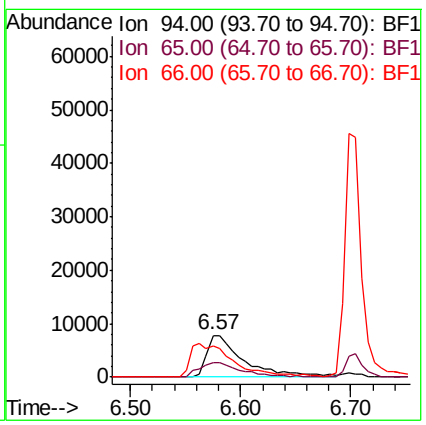


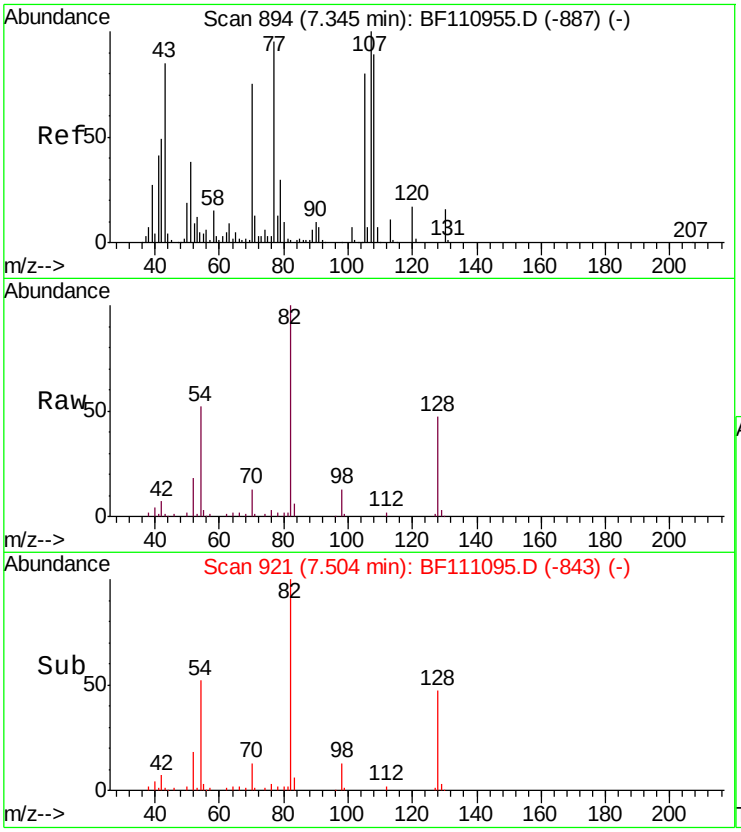


#10
Phenol
Concen: 3.338 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion: 94 Resp: 17943

Ion	Ratio	Lower	Upper
94	100		
65	34.4	25.3	65.3
66	73.4	54.5	94.5



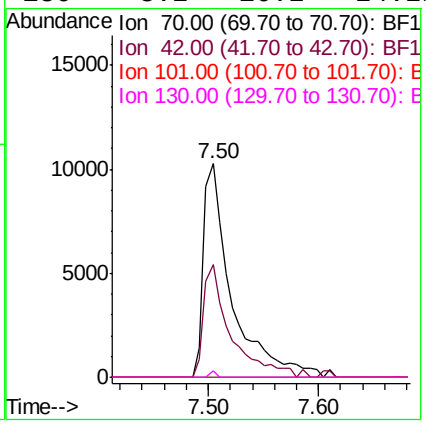


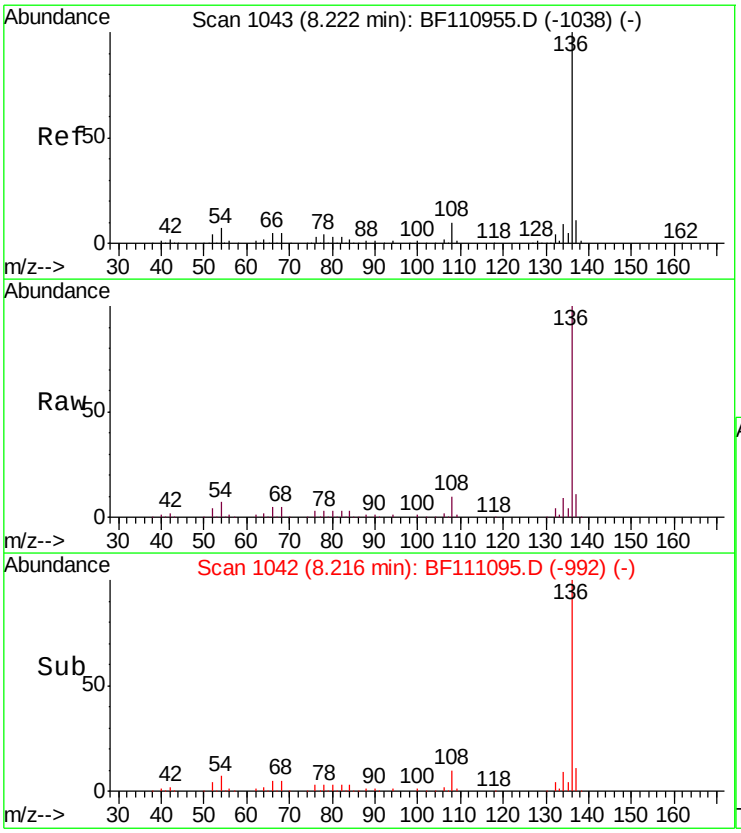
#19
n-Nitroso-di-n-propylamine
Concen: 5.794 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion: 70 Resp: 18017

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.4	71.2
101	0.0	7.3	10.9#
130	3.2	16.2	24.2#

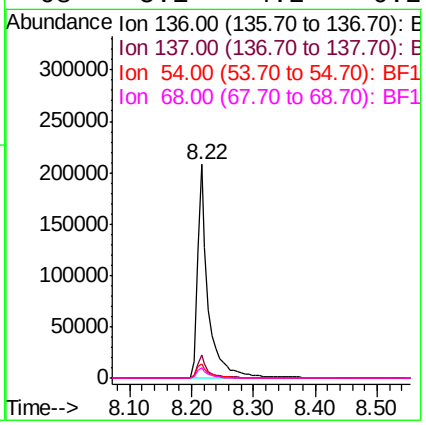


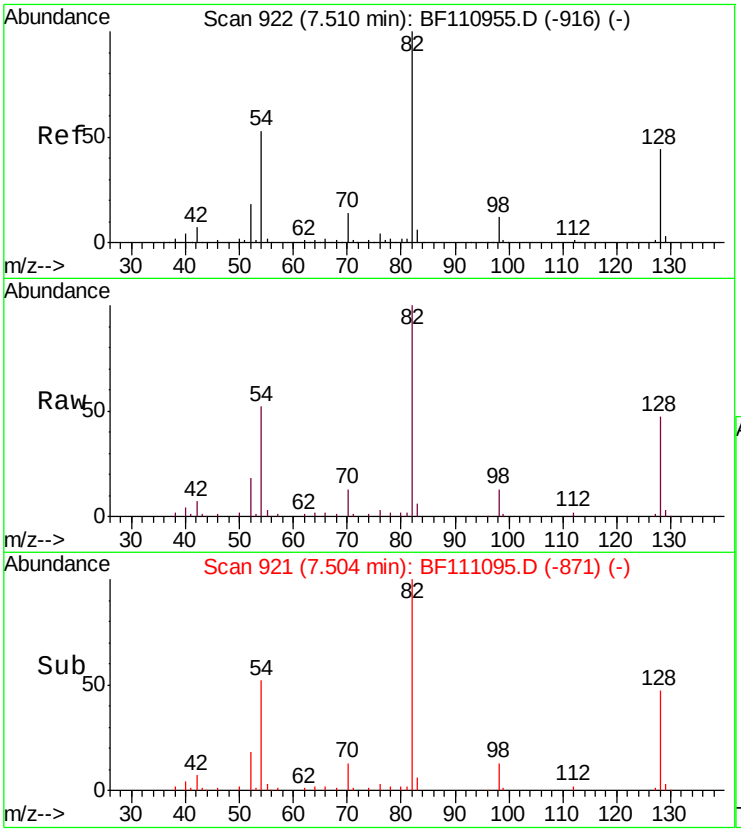


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:136 Resp: 253590

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.4	8.2
68	5.1	4.2	6.2



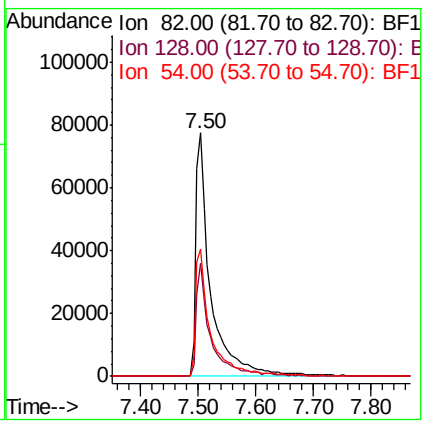


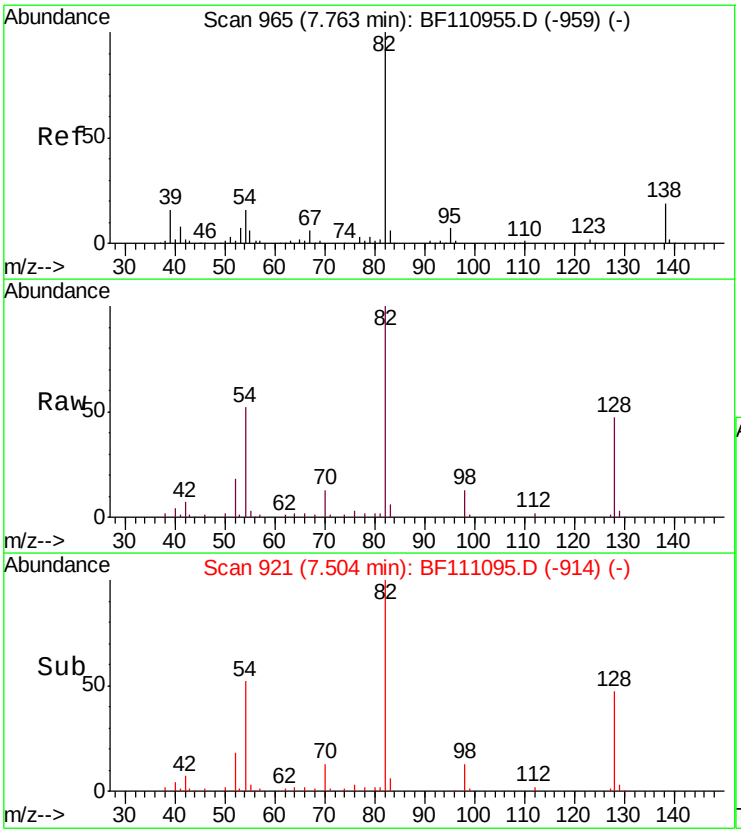
#23
Nitrobenzene-d5
Concen: 31.375 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion: 82 Resp: 139023

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	52.4	38.6	58.0

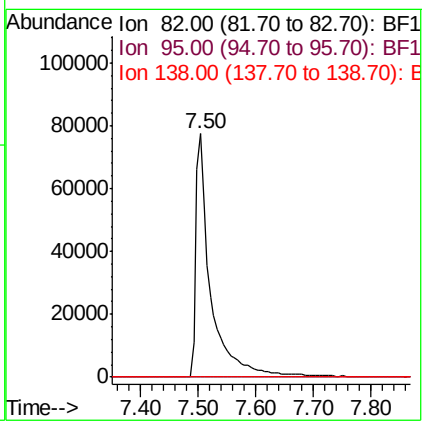


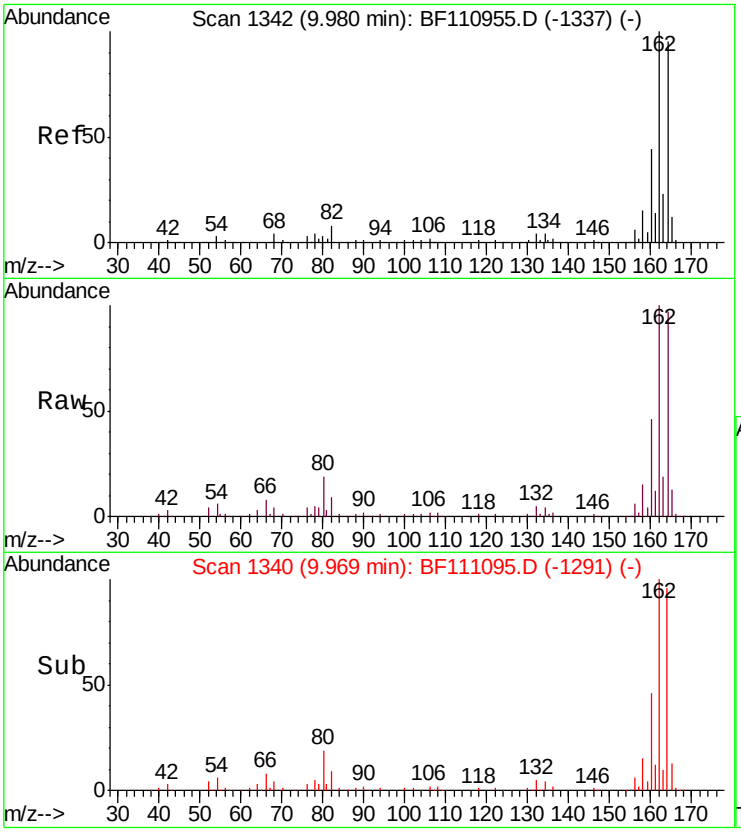


#25
Isophorone
Concen: 19.127 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion: 82 Resp: 139023

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



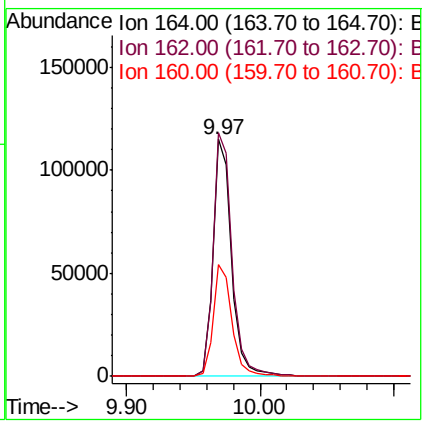


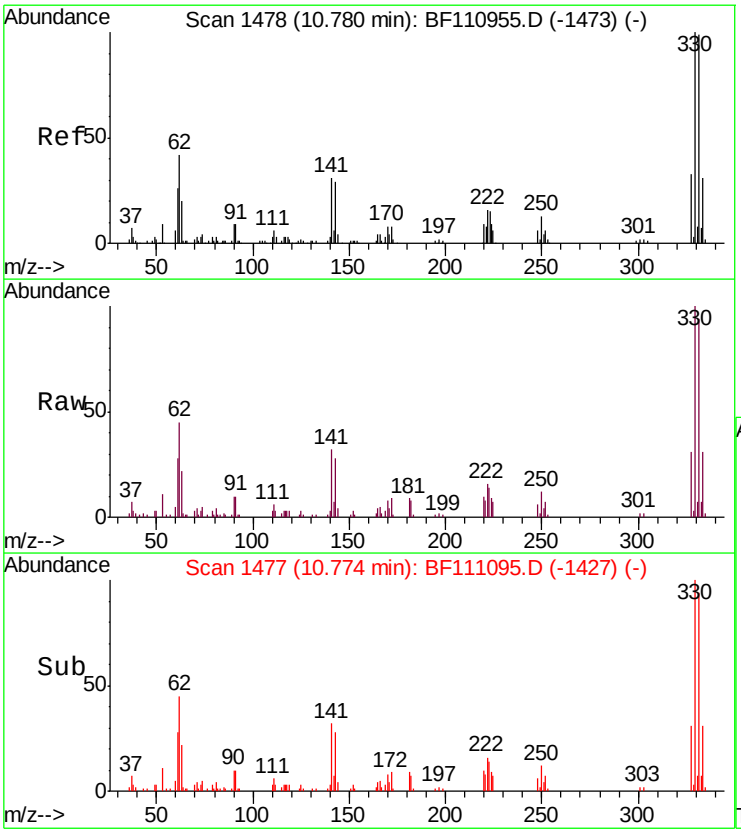
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:164 Resp: 113077

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	47.1	37.0	55.6

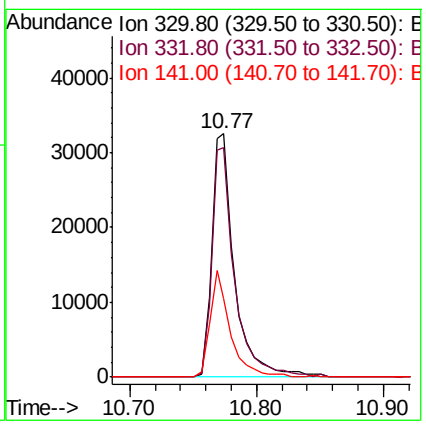


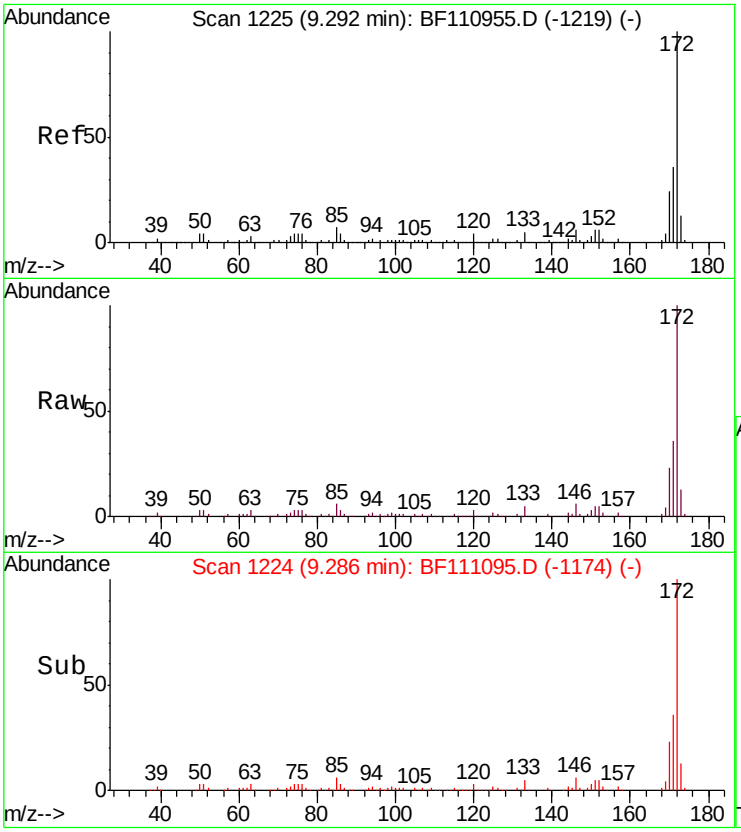


#42
2,4,6-Tribromophenol
Concen: 36.406 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:330 Resp: 40884

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	39.0	27.0	40.4



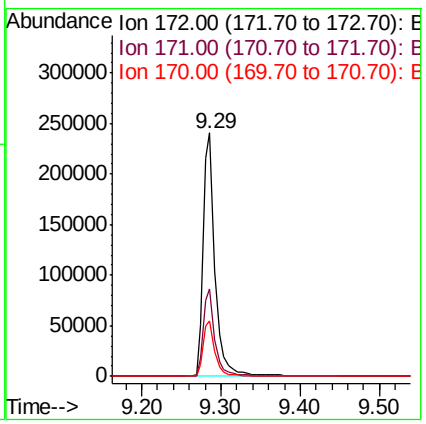


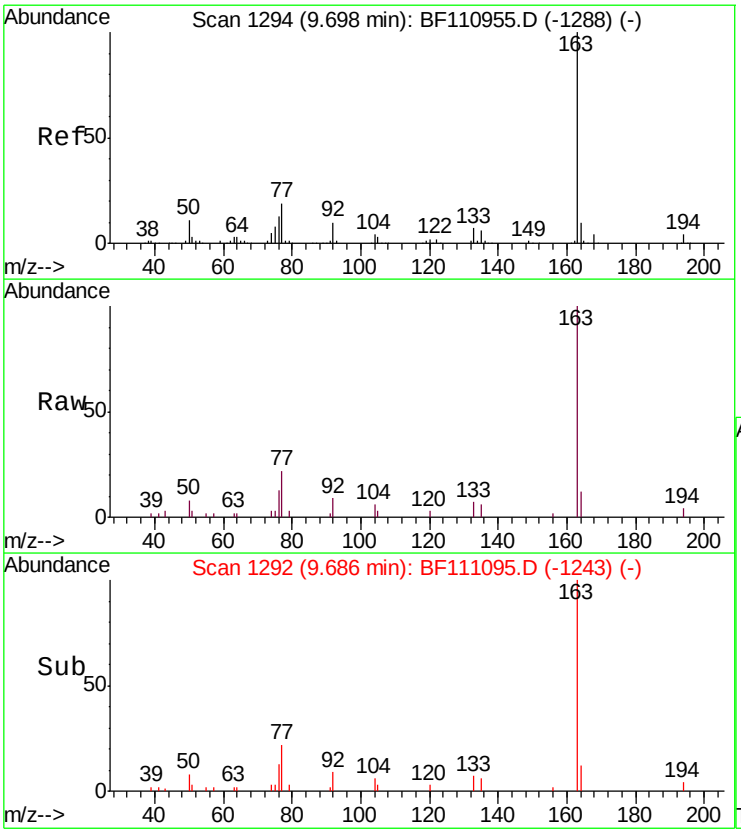
#45
2-Fluorobiphenyl
Concen: 32.452 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:172 Resp: 253288

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.0	19.7	29.5

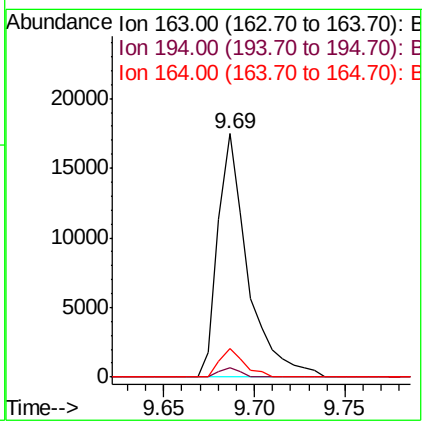


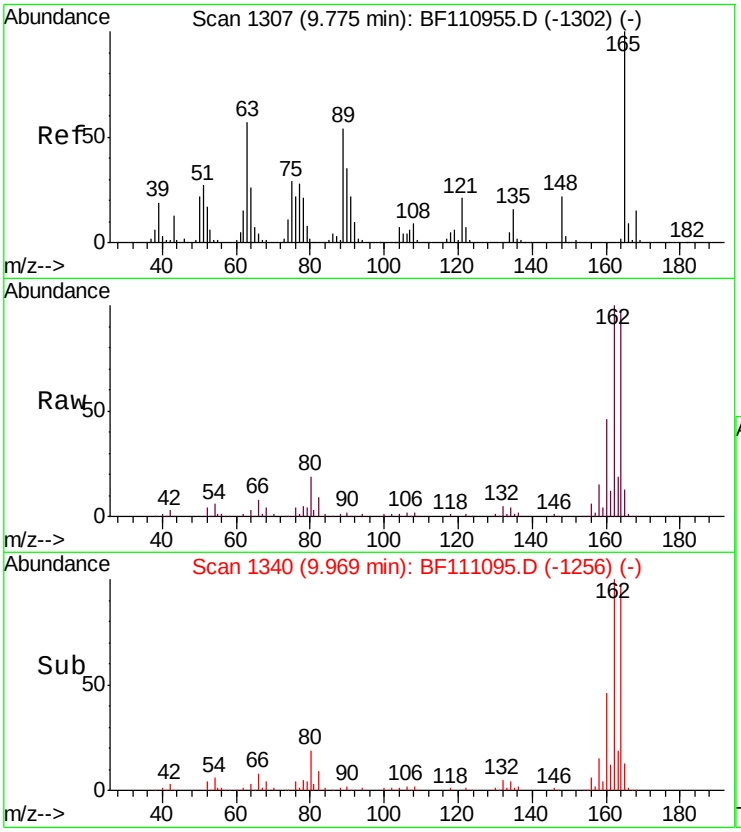


#50
Dimethylphthalate
Concen: 2.414 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:163 Resp: 20016

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.9	8.1	12.1



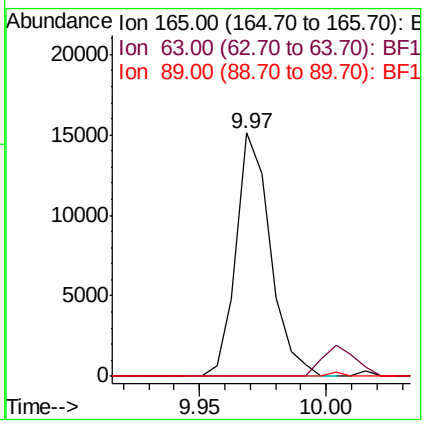


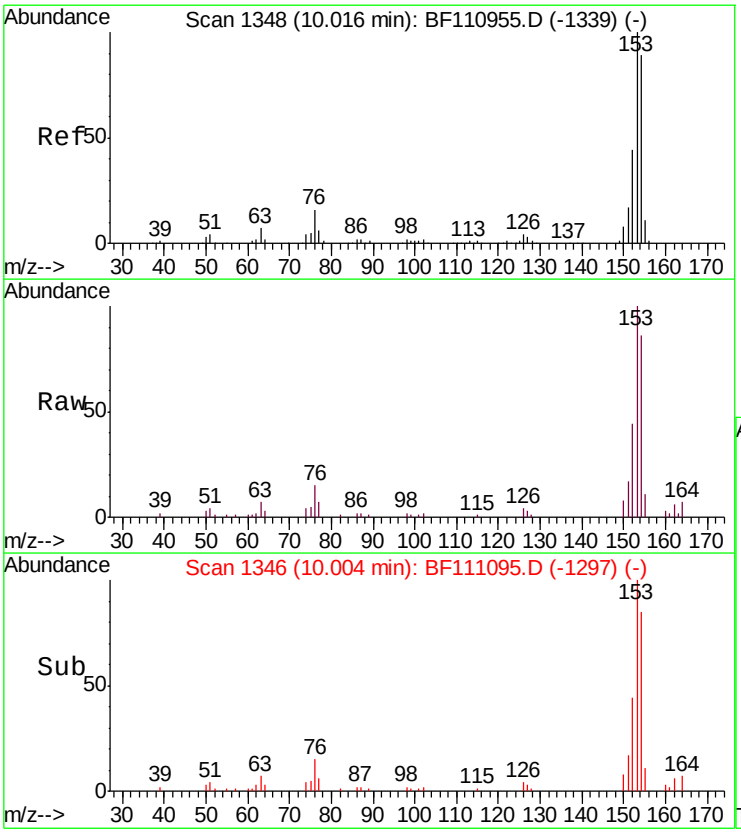
#51
2,6-Dinitrotoluene
Concen: 7.713 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.19 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:165 Resp: 14239

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

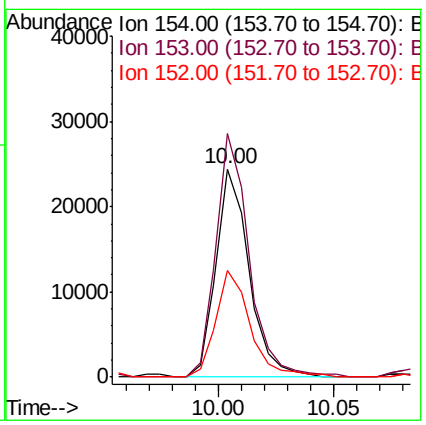


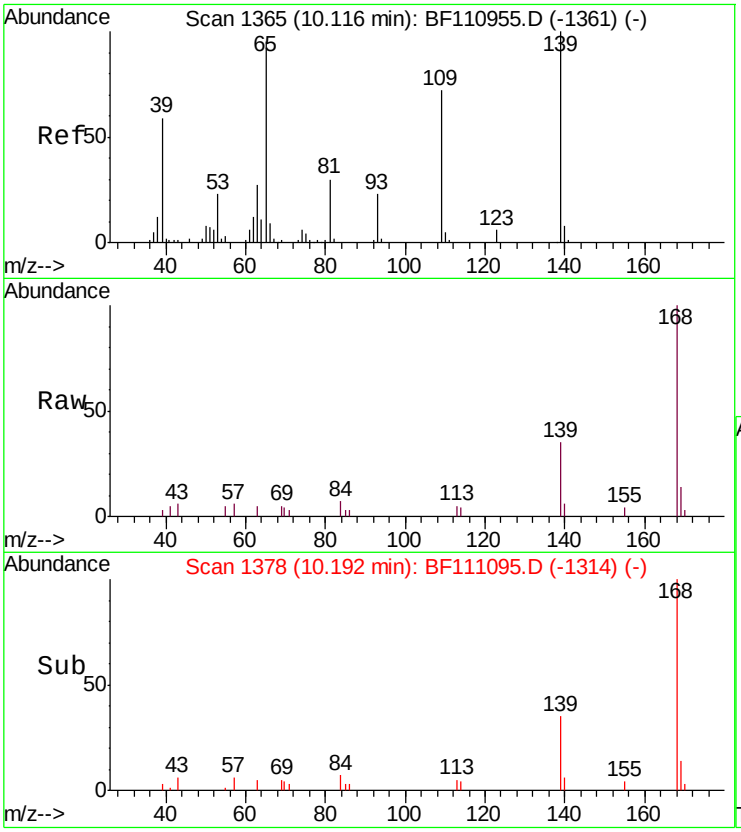


#52
Acenaphthene
Concen: 3.526 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:154 Resp: 24296

Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.1	135.1
152	51.3	43.4	65.2



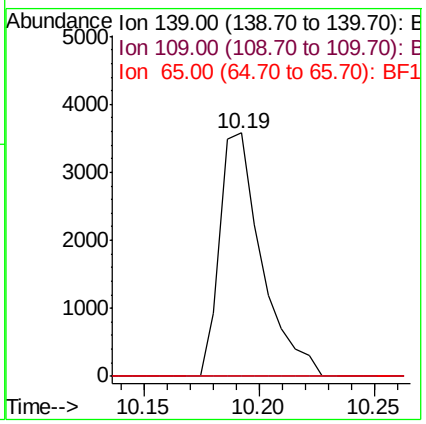


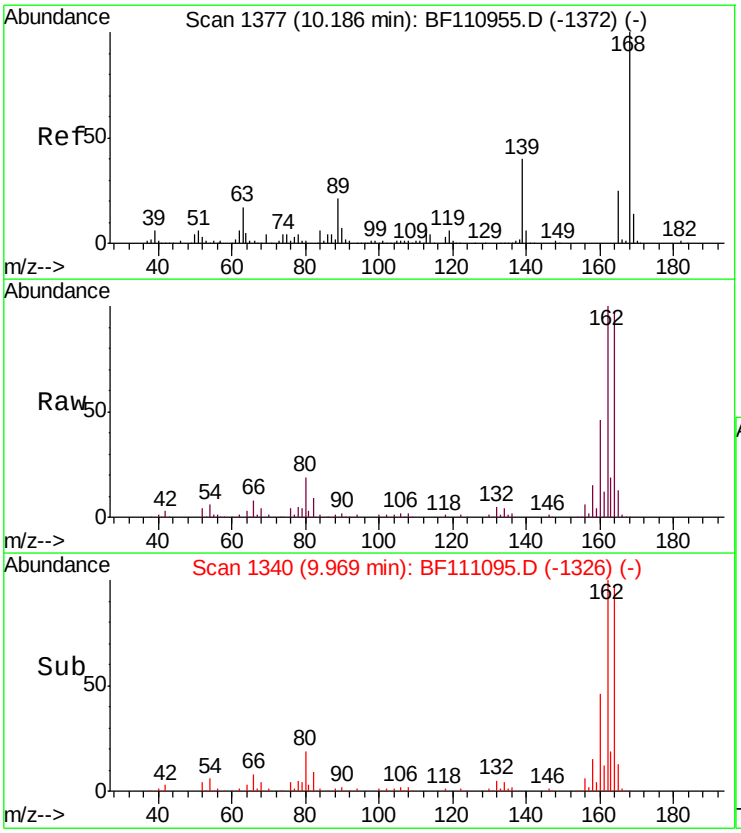
#56
4-Nitrophenol
Concen: 7.811 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:139 Resp: 4514

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

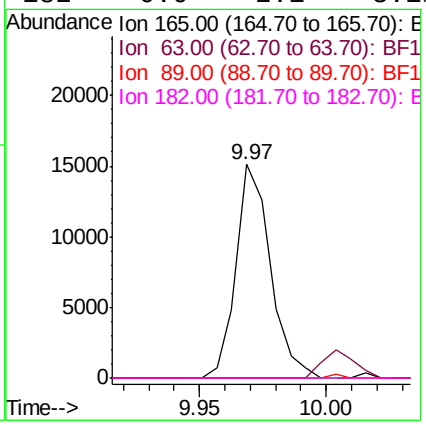


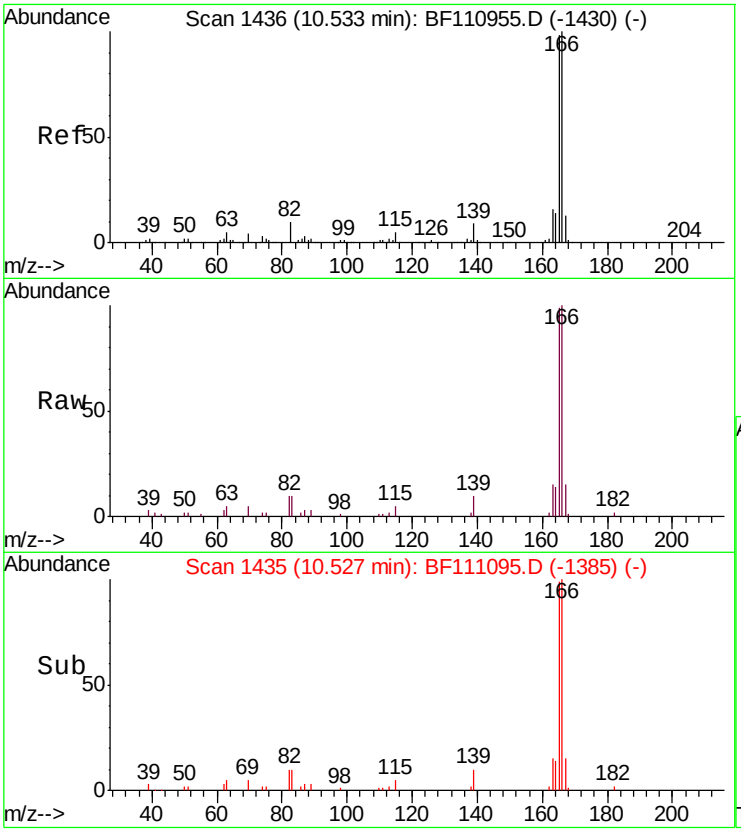


#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.22 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:165 Resp: 14239

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



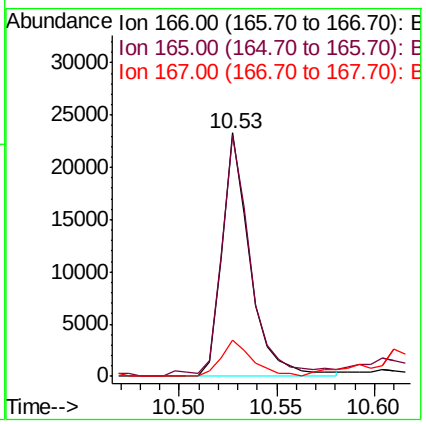


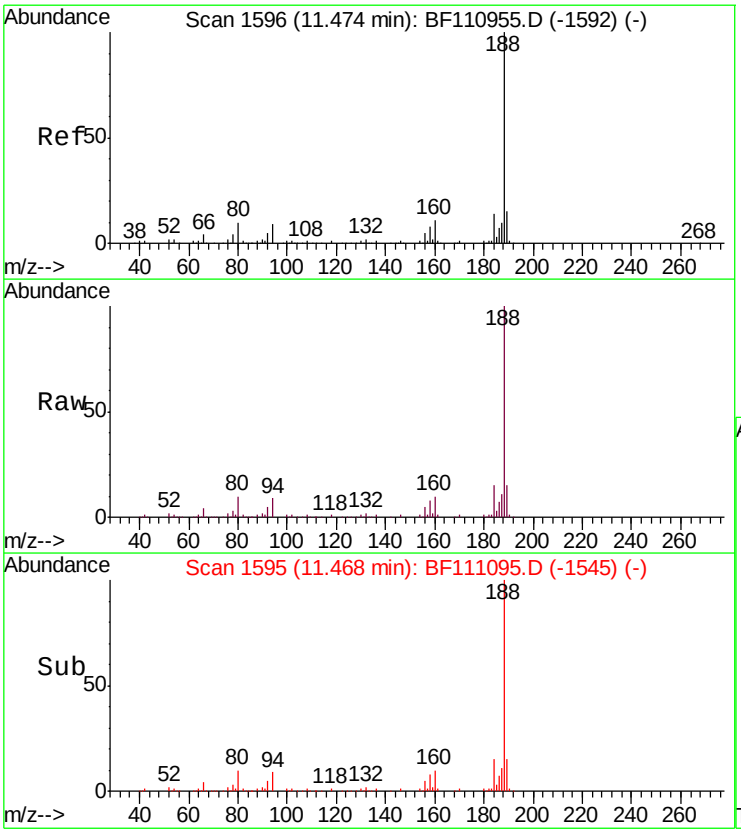
#58
Fluorene
Concen: 2.948 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:166 Resp: 23054

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	14.8	10.8	16.2

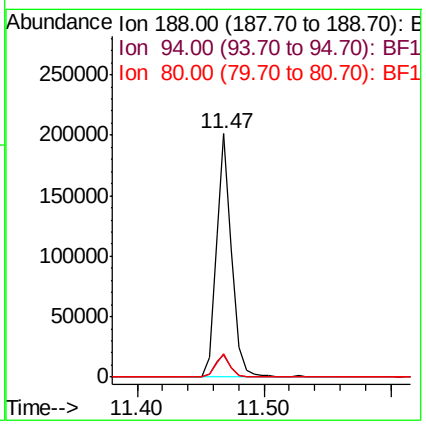


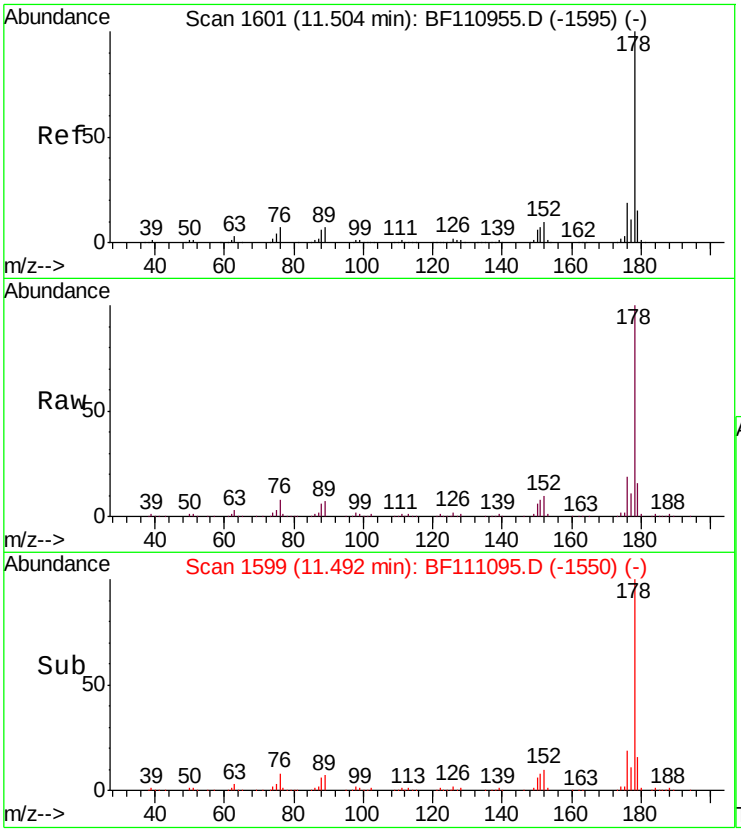


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:188 Resp: 170347

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.6	7.9	11.9



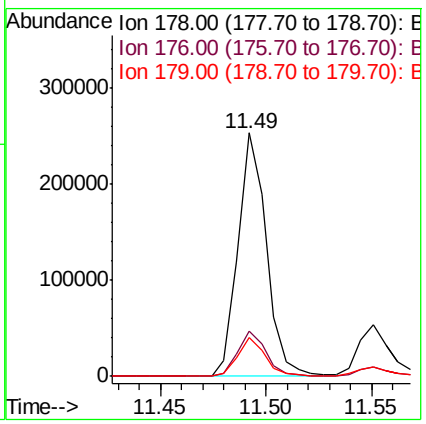


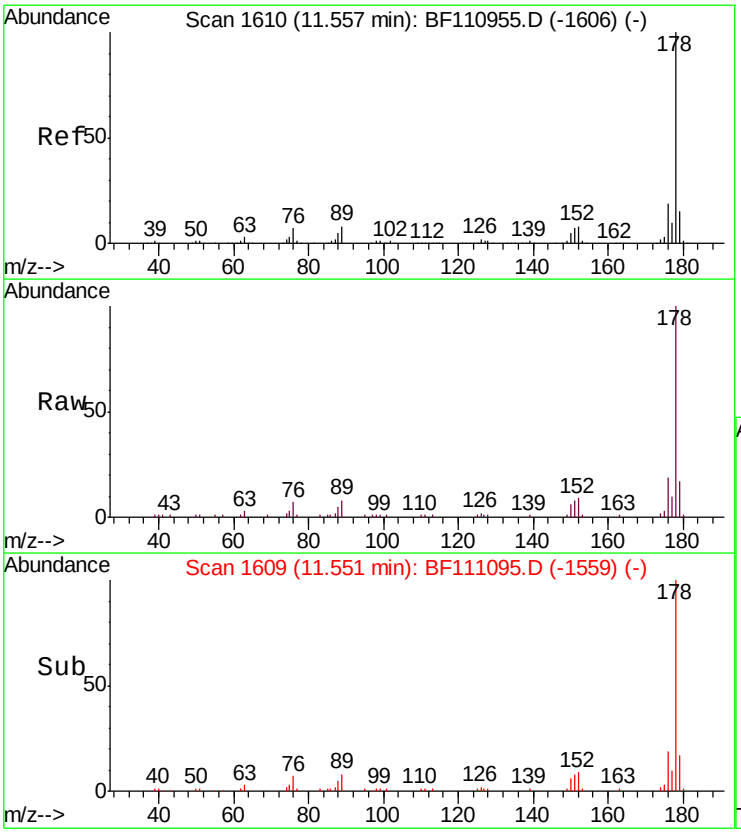
#71
Phenanthrene
Concen: 26.182 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:178 Resp: 236211

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.7	12.5	18.7

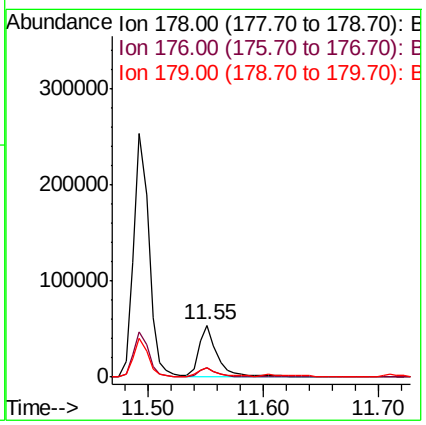


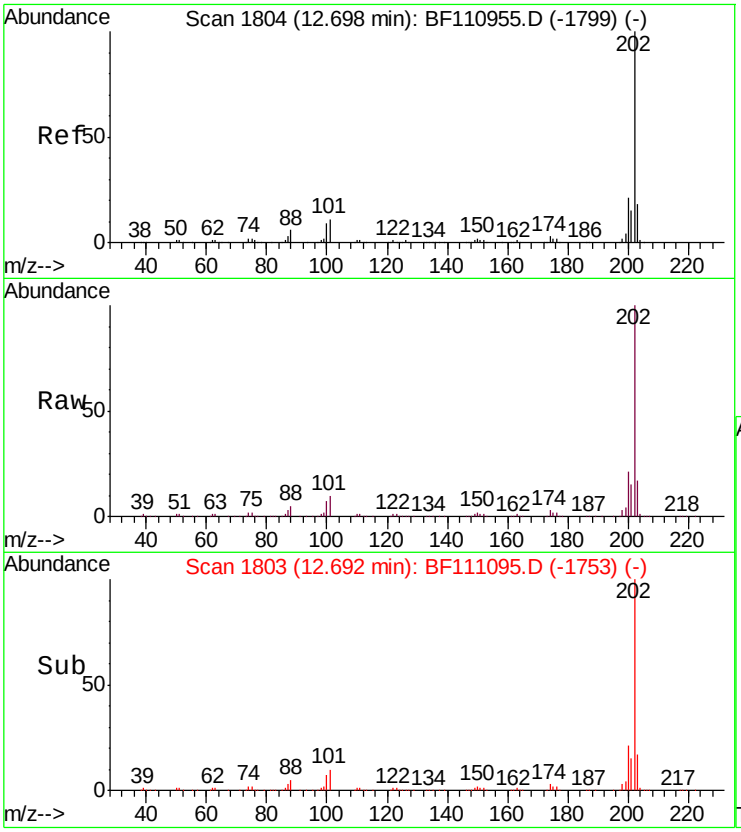


#72
Anthracene
Concen: 6.479 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:178 Resp: 59531

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	17.1	12.6	18.8



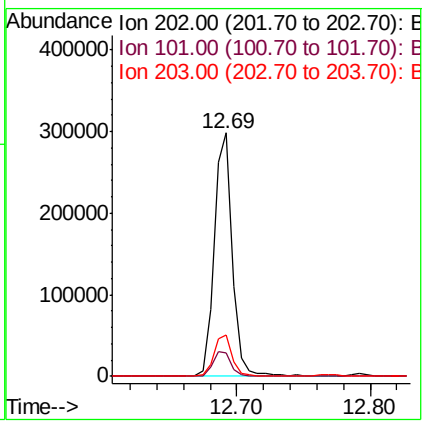


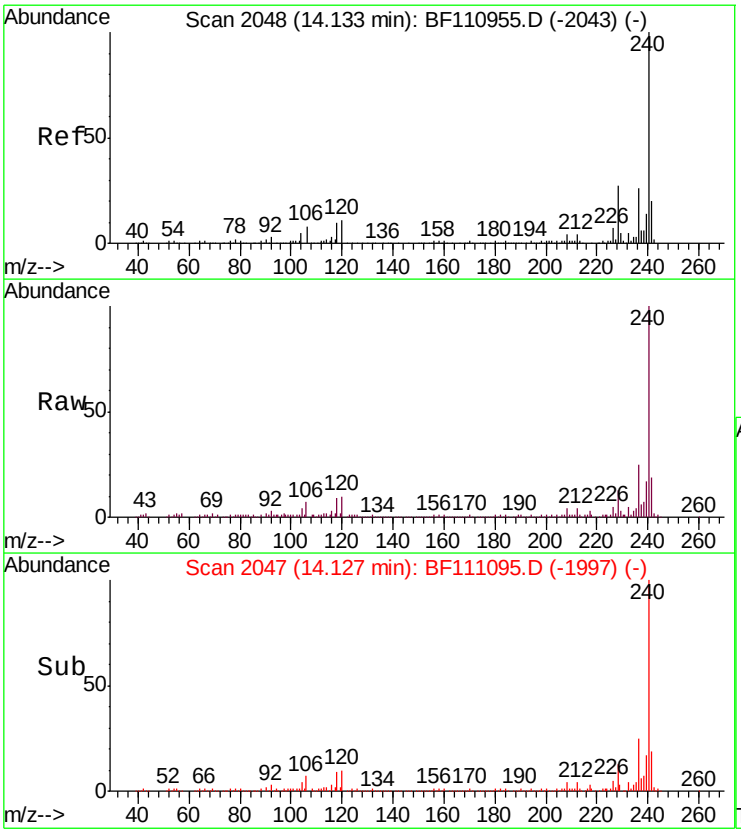
#75
Fluoranthene
Concen: 30.740 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:202 Resp: 285045

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	16.9	0.0	37.7

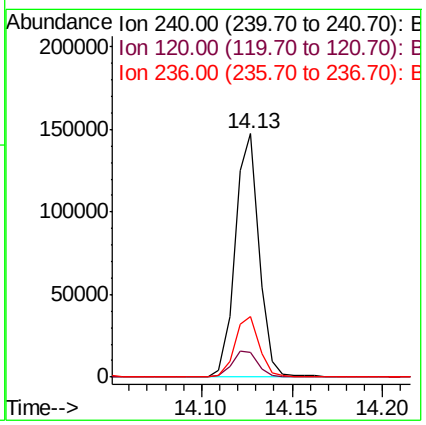


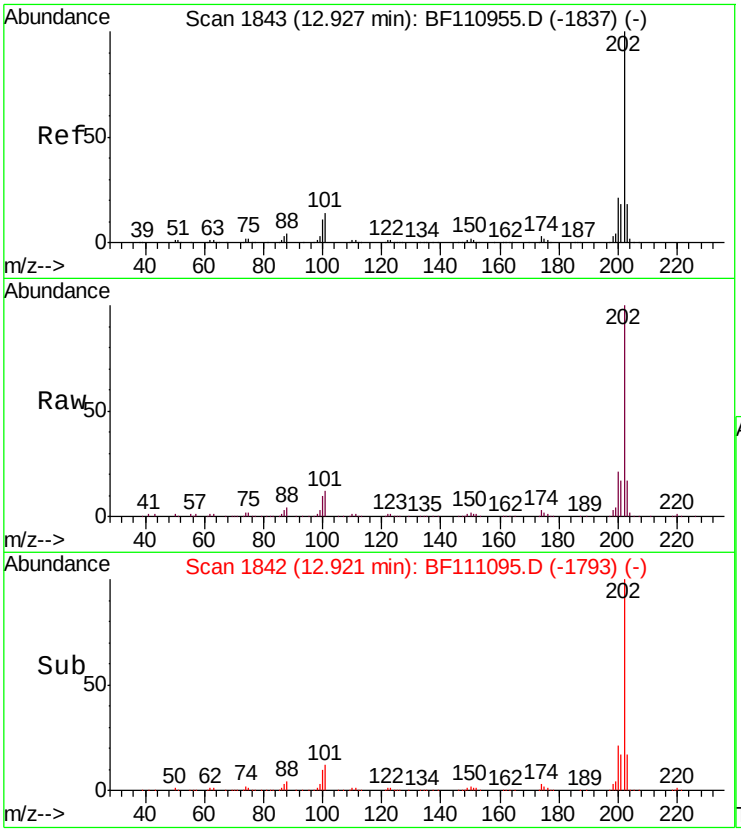


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:240 Resp: 135519

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.0	21.2	31.8



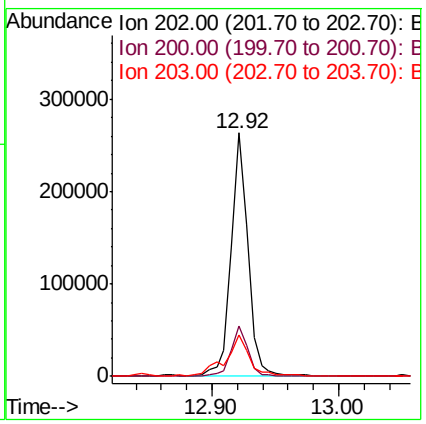


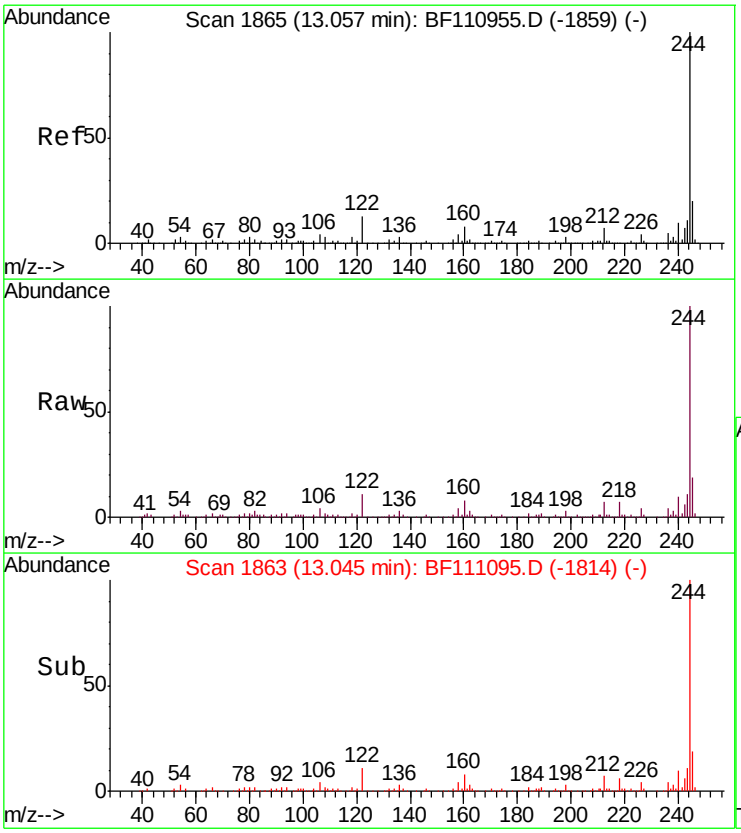
#78
Pyrene
Concen: 24.168 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:202 Resp: 239213

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.8	26.6
203	17.0	14.2	21.4

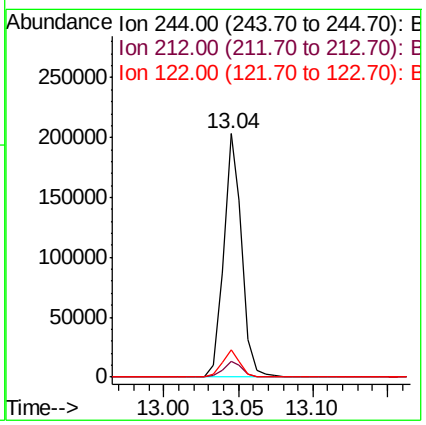


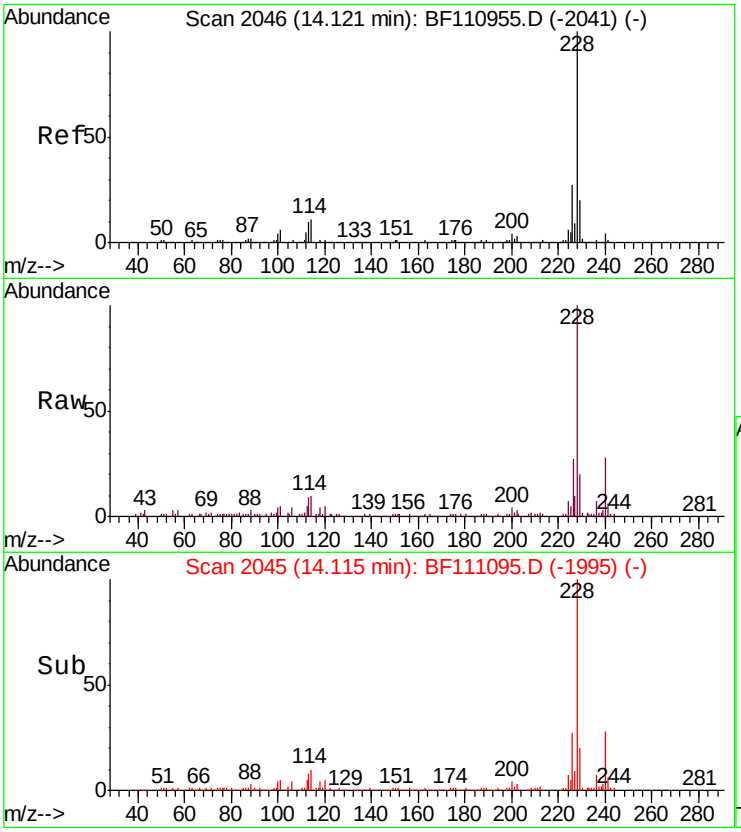


#79
Terphenyl-d14
Concen: 24.921 ng
RT: 13.04 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:244 Resp: 173489

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	8.7	13.1



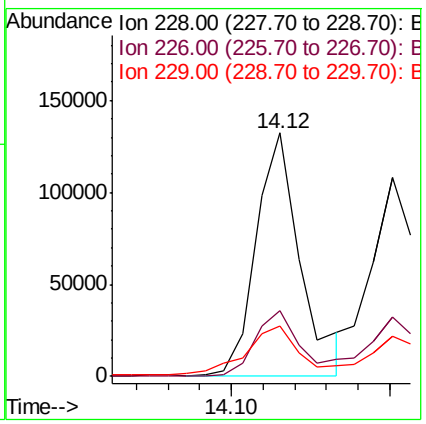


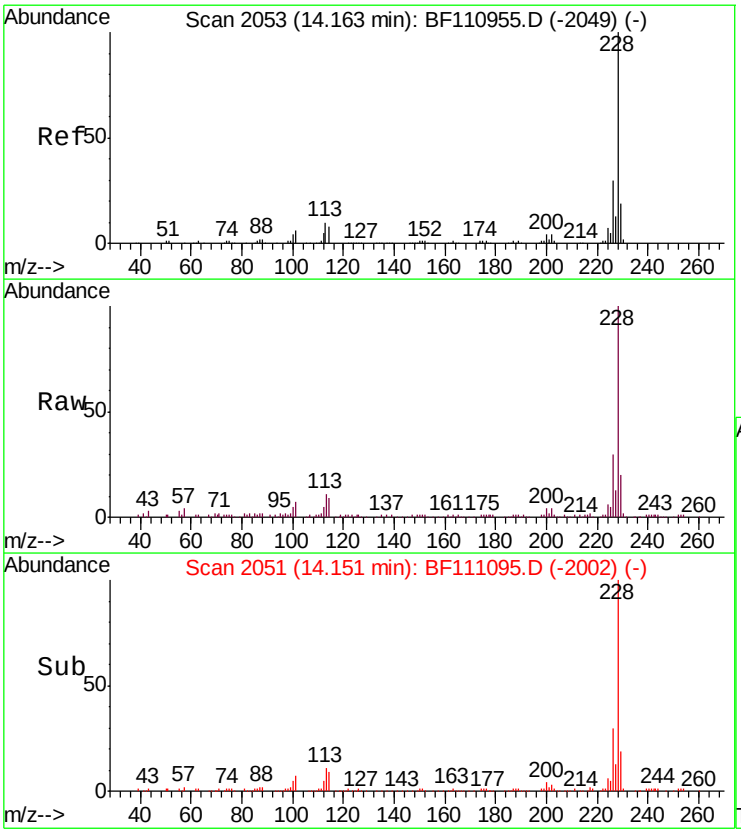
#81
Benzo(a)anthracene
Concen: 15.913 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:228 Resp: 127318

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.5	15.6	23.4

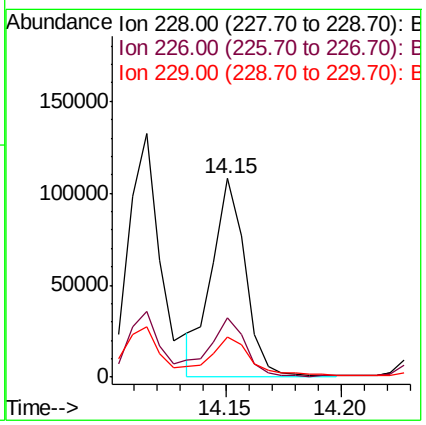


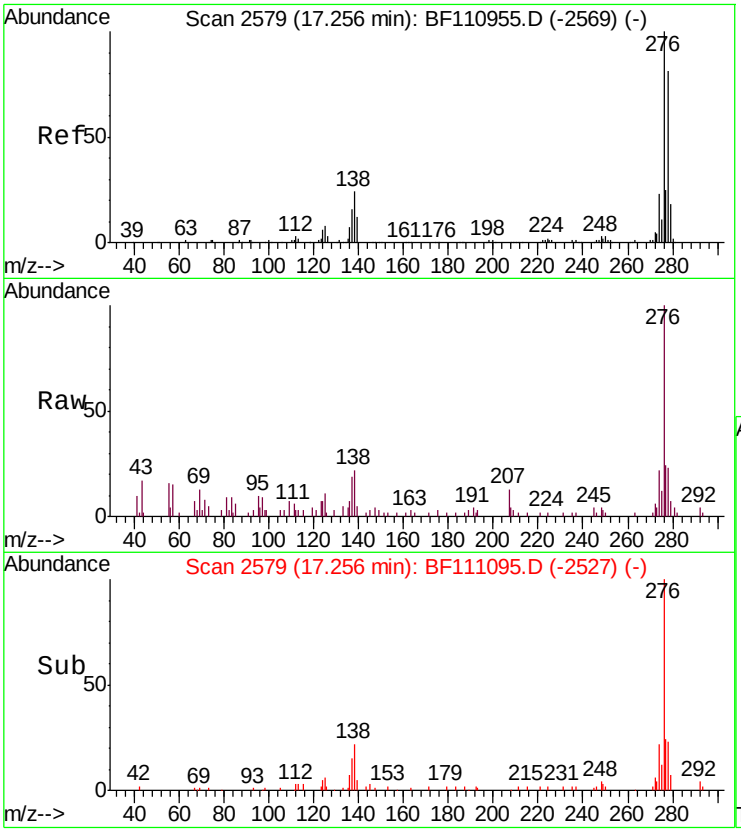


#83
Chrysene
Concen: 13.637 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:228 Resp: 107411

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	20.2	15.9	23.9



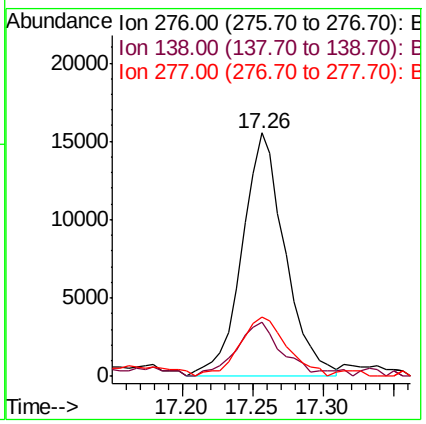


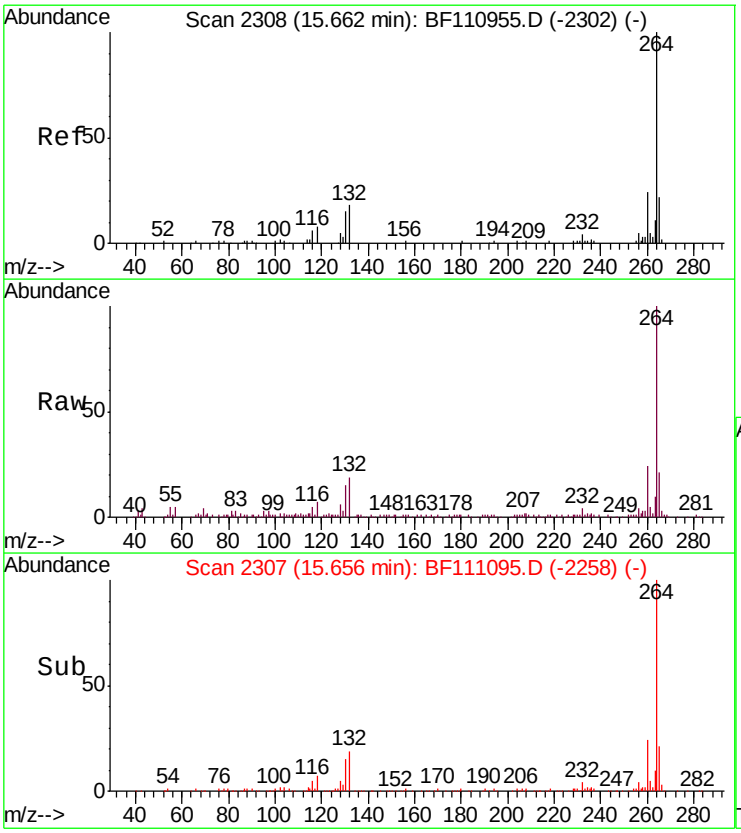
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.868 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:276 Resp: 33176

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.5	27.7
277	26.6	20.0	30.0

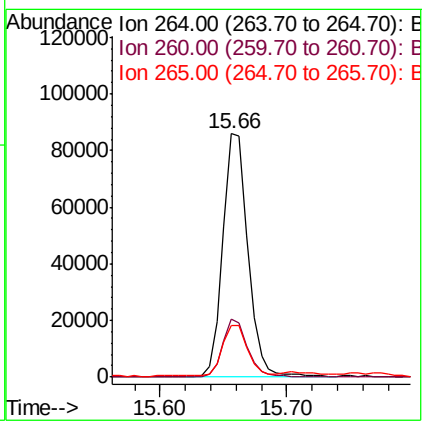


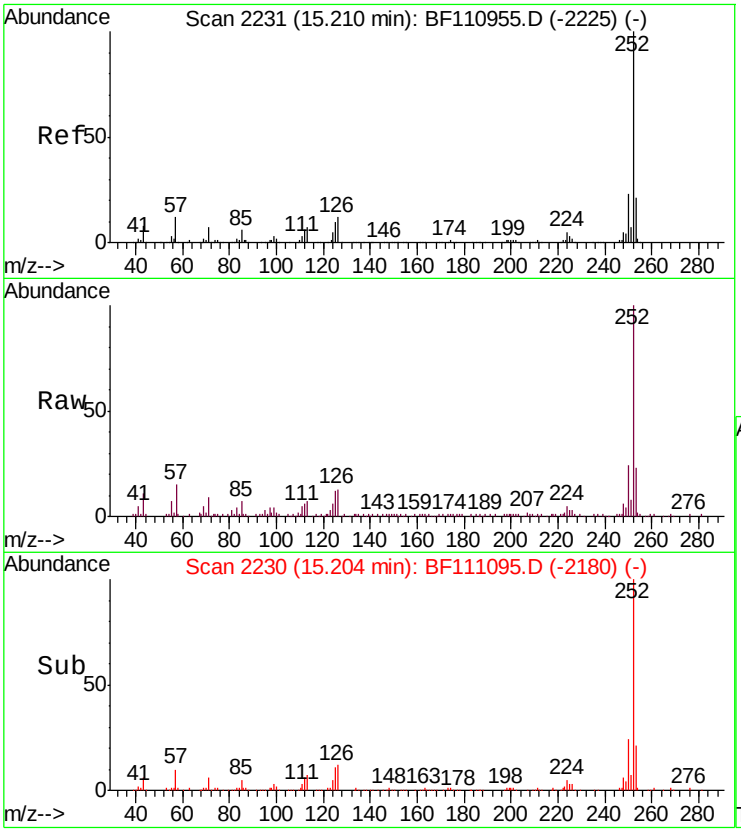


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:264 Resp: 118725

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	16.7	25.1



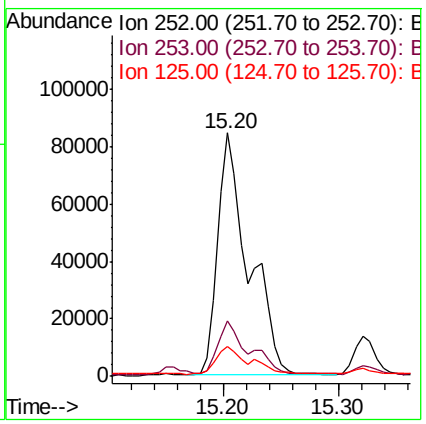


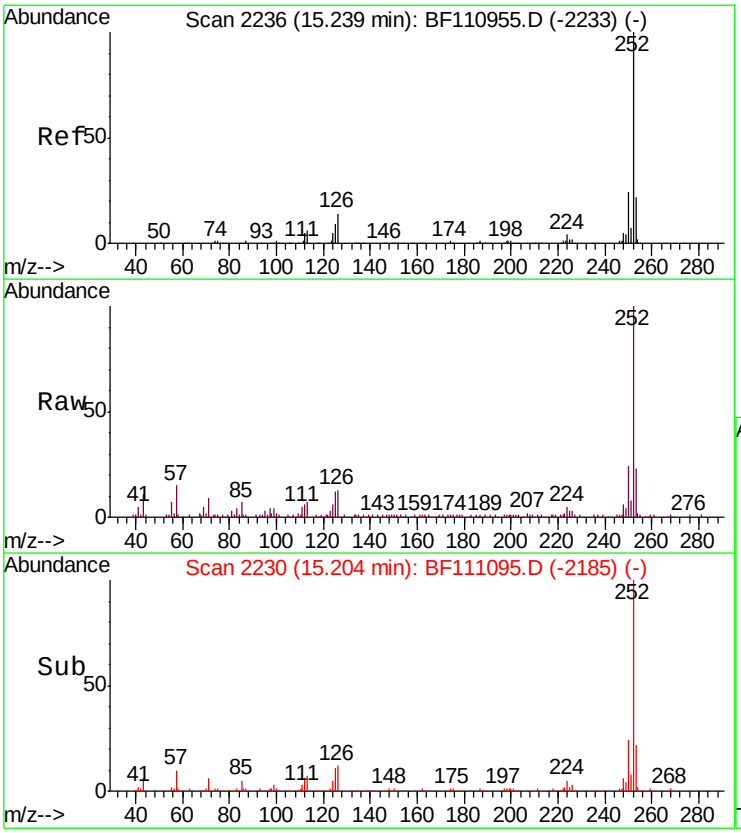
#88
Benzo(b)fluoranthene
Concen: 22.506 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:252 Resp: 156971

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.3	8.2	12.4

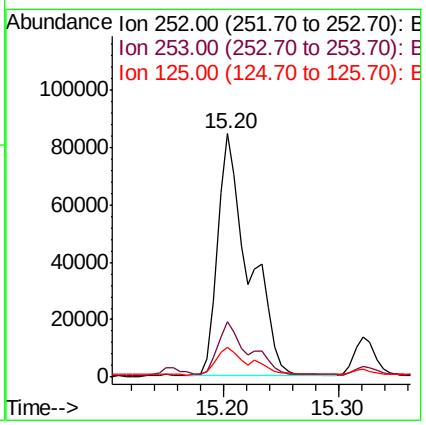


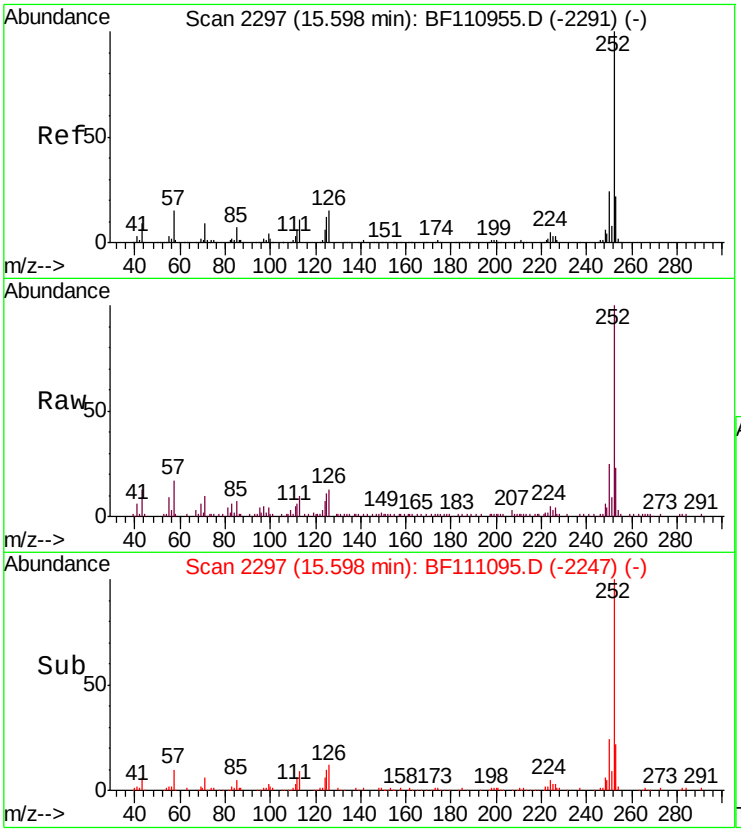


#89
Benzo(k)fluoranthene
Concen: 21.866 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:252 Resp: 156971

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.3	7.4	11.0#



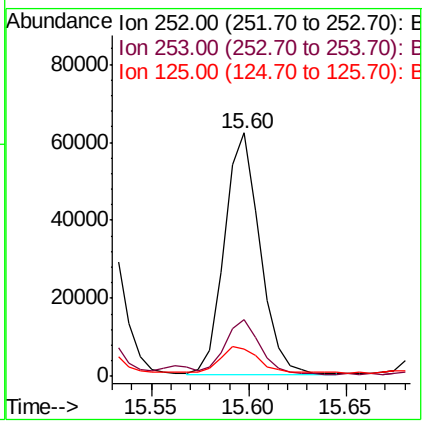


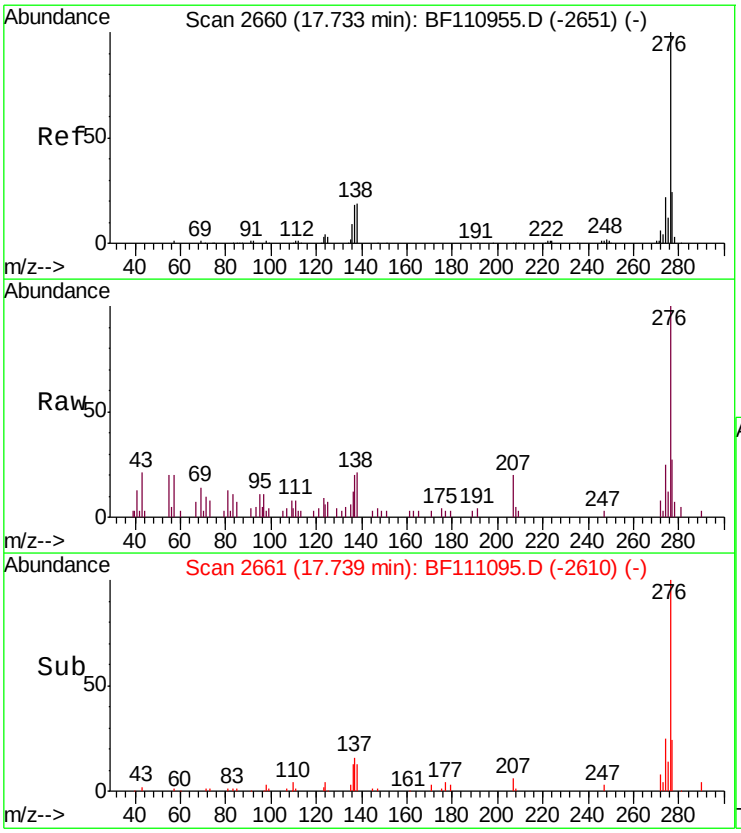
#90
Benzo(a)pyrene
Concen: 12.066 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

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

Tgt Ion:252 Resp: 78336

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.4	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 5.565 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF111095.D
Acq: 29 Nov 2018 17:25

Tgt Ion:276 Resp: 28741

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.8	28.2
138	21.0	16.0	24.0