Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110734.D
Acq On : 13 Nov 2018 22:11
Operator : JU/SJ
Sample : J5913-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DOC-19-PRE-CHAR-1

Quant Time: Nov 14 04:30:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85284	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	331762	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	129155	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	201673	20.00	ng		0.00
76) Chrysene-d12	14.13	240	176228	20.00	ng		-0.01
87) Perylene-d12	15.66	264	118731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	235082	44.77	ng		0.00
7) Phenol-d6	6.56	99	292250	43.53	ng		-0.01
23) Nitrobenzene-d5	7.51	82	174861	30.35	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	46733	35.91	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	319129	35.29	ng		0.00
79) Terphenyl-d14	13.06	244	232606	24.72	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.58	94	34319	4.408	ng	#	66
19) n-Nitroso-di-n-propylamine	7.51	70	22635	5.281	ng	#	79
25) Isophorone	7.51	82	174882	18.522	ng	#	67
50) Dimethylphthalate	9.69	163	34506	3.581	ng		98
51) 2,6-Dinitrotoluene	9.99	165	16200	7.642	ng	#	23
57) 2,4-Dinitrotoluene	9.99	165	16200	5.877	ng	#	19
71) Phenanthrene	11.50	178	78634	7.278	ng		99
72) Anthracene	11.56	178	25227	2.315	ng		99
75) Fluoranthene	12.70	202	150251	13.871	ng		98
78) Pyrene	12.93	202	144906	10.679	ng		97
80) Butylbenzylphthalate	13.53	149	27190	4.656	ng		99
81) Benzo(a)anthracene	14.12	228	73876	7.014	ng		99
83) Chrysene	14.16	228	66999	6.676	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	25012	3.473	ng		94
88) Benzo(b)fluoranthene	15.20	252	90023	12.674	ng	#	97
89) Benzo(k)fluoranthene	15.20	252	90023	12.827	ng	#	96
90) Benzo(a)pyrene	15.59	252	44617	6.914	ng	#	93
92) Benzo(g,h,i)perylene	17.71	276	26860	4.957	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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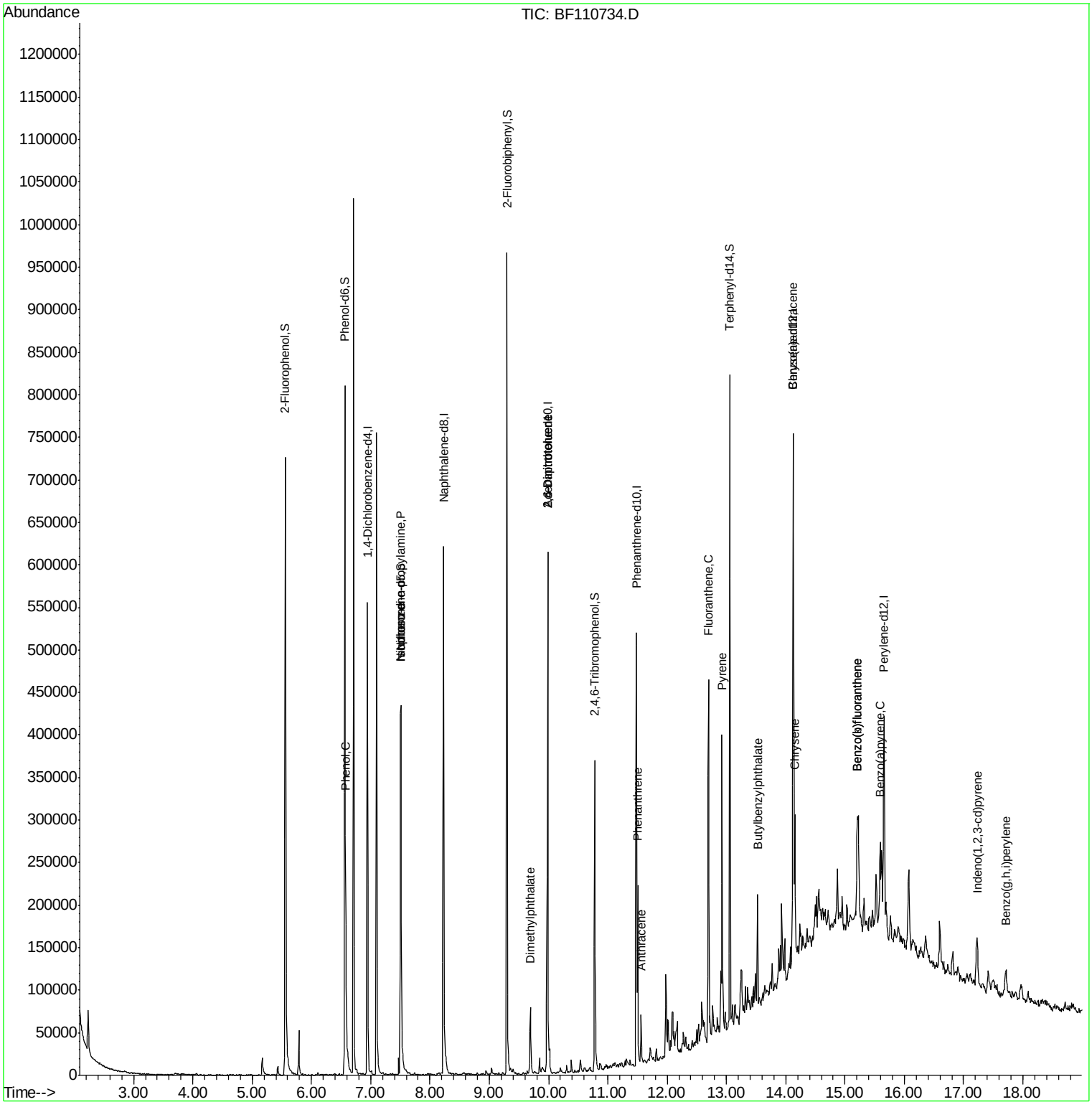
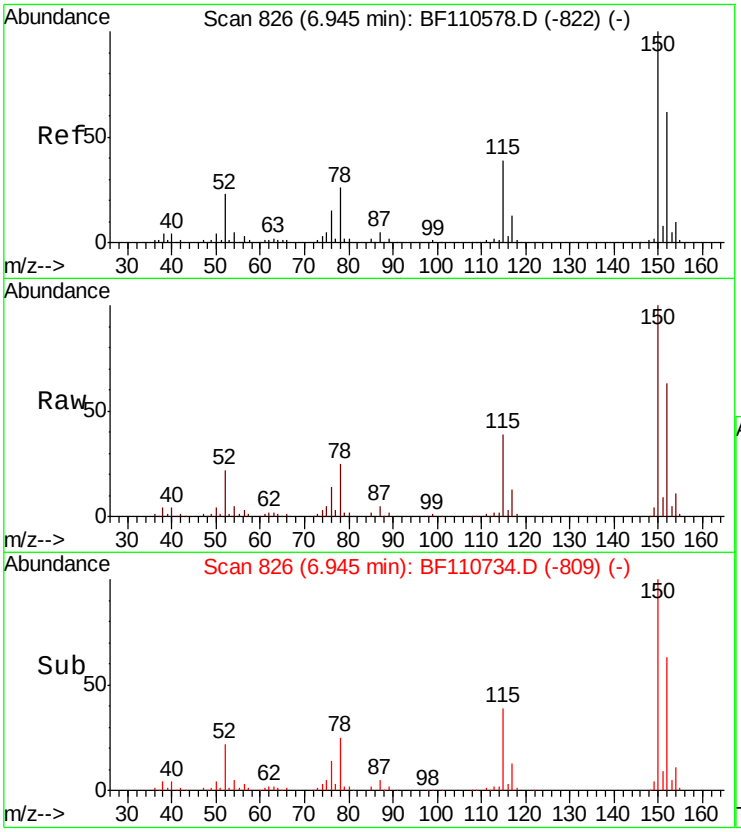


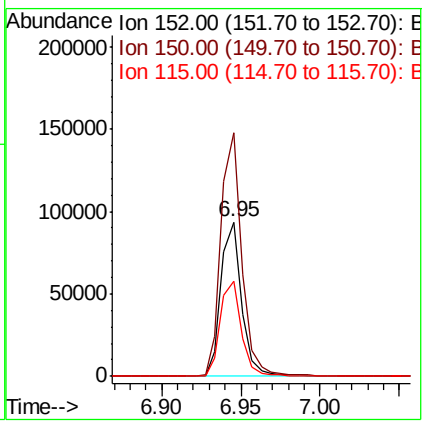


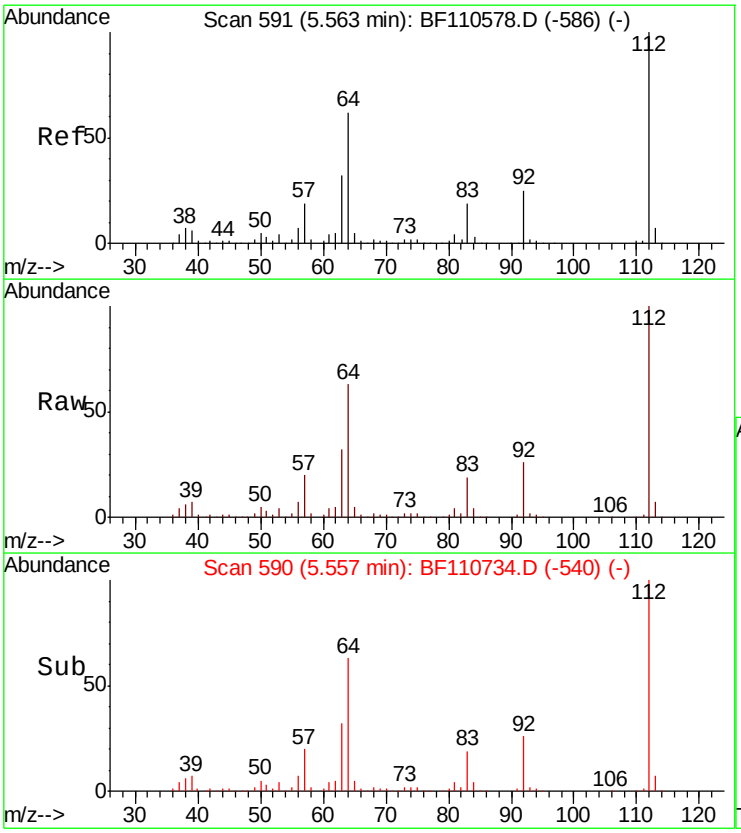
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:152 Resp: 85284

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	61.8	49.1	73.7

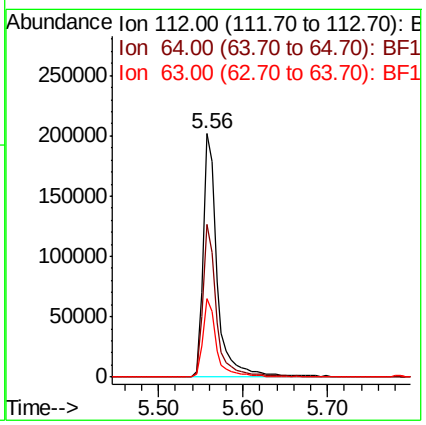


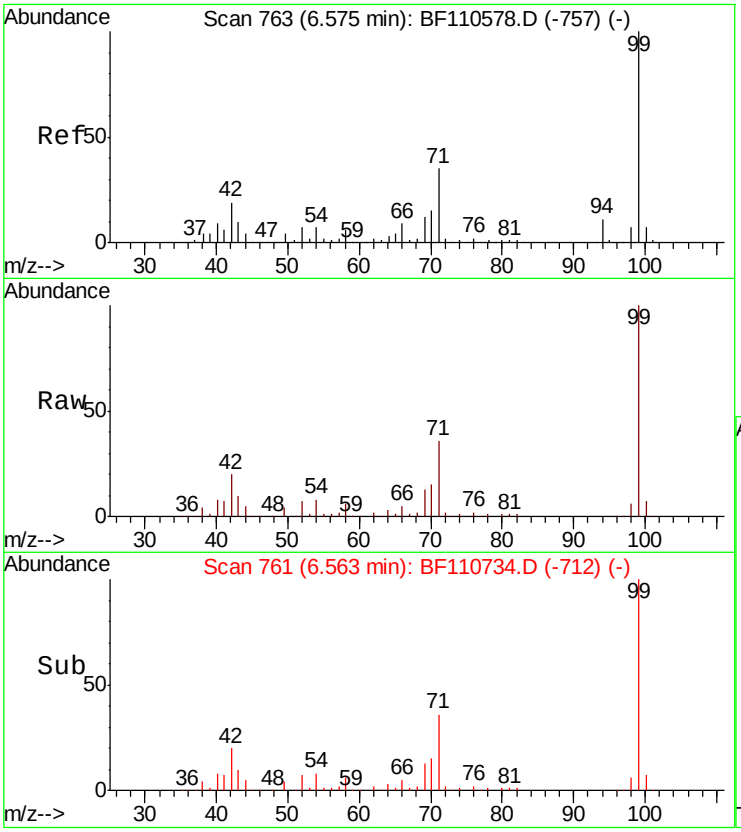


#5
2-Fluorophenol
Concen: 44.774 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:112 Resp: 235082

Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.1	66.1
63	32.3	23.7	35.5



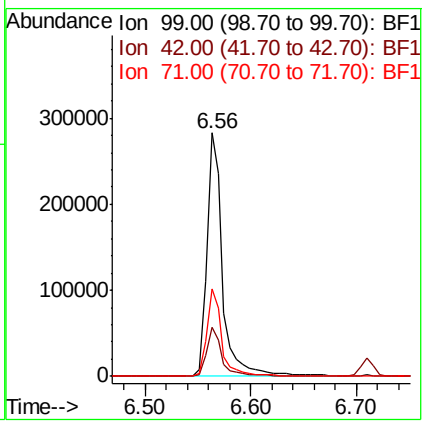


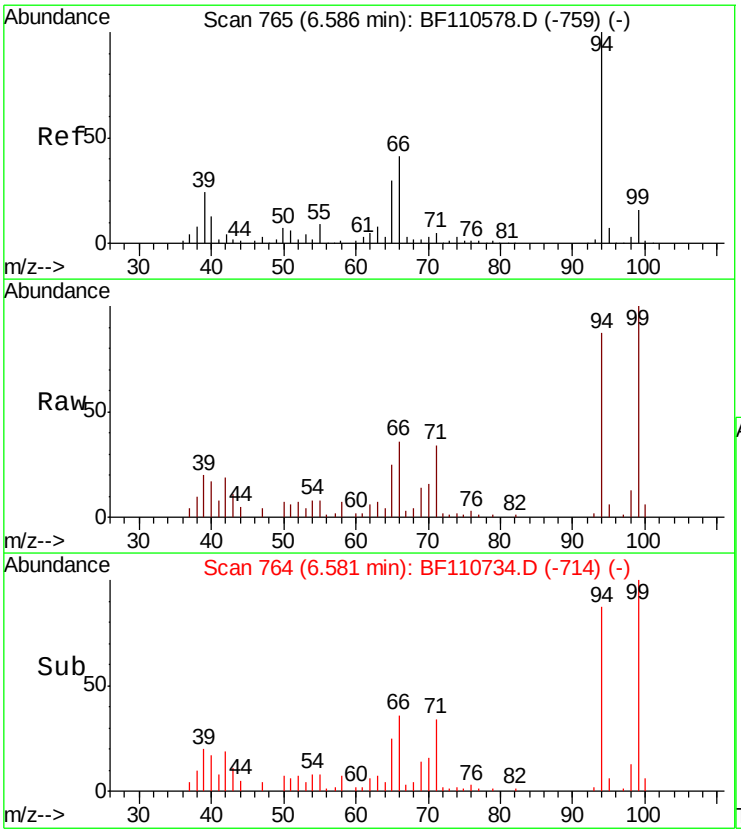
#7
Phenol-d6
Concen: 43.528 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion: 99 Resp: 292250

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	35.8	28.0	42.0

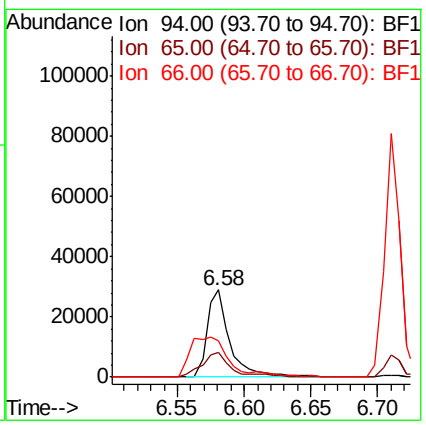


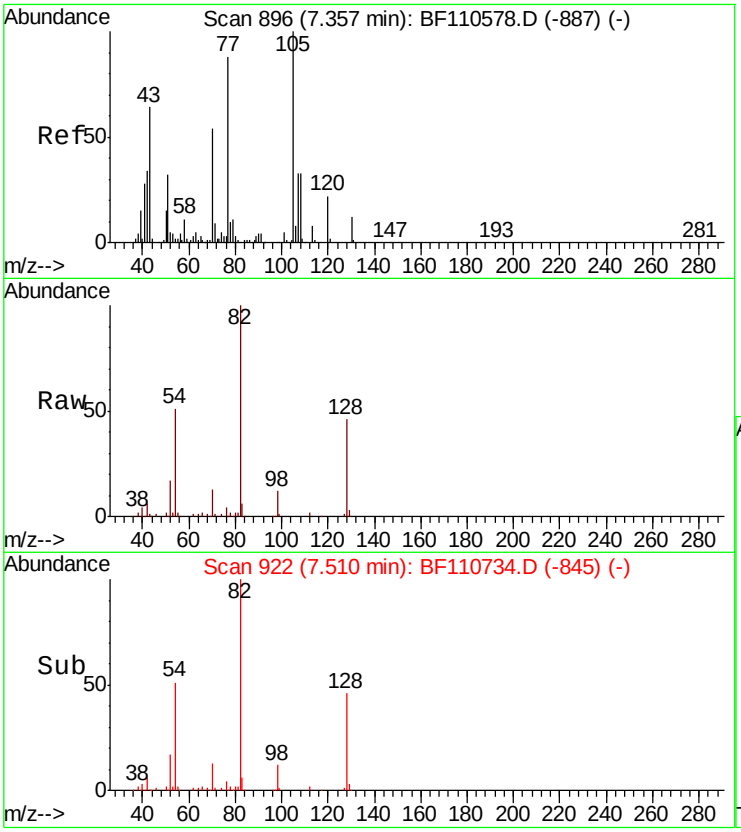


#10
Phenol
Concen: 4.408 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion: 94 Resp: 34319

Ion	Ratio	Lower	Upper
94	100		
65	28.5	25.3	65.3
66	41.5	54.5	94.5#



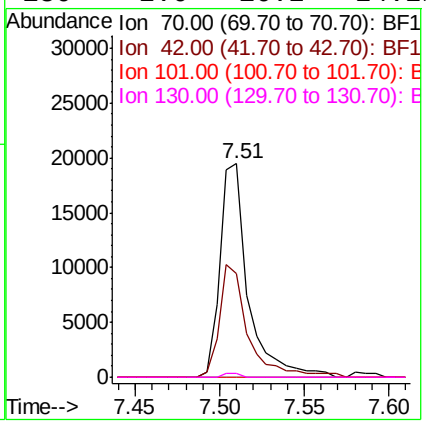


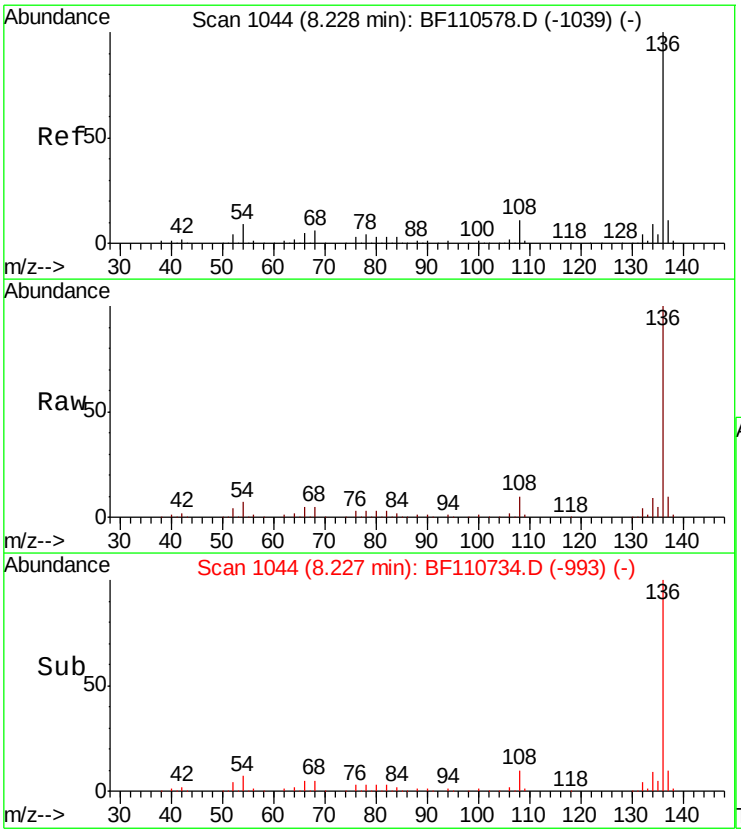
#19
n-Nitroso-di-n-propylamine
Concen: 5.281 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion: 70 Resp: 22635

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#

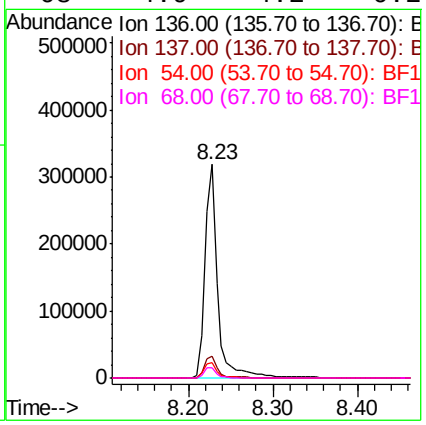


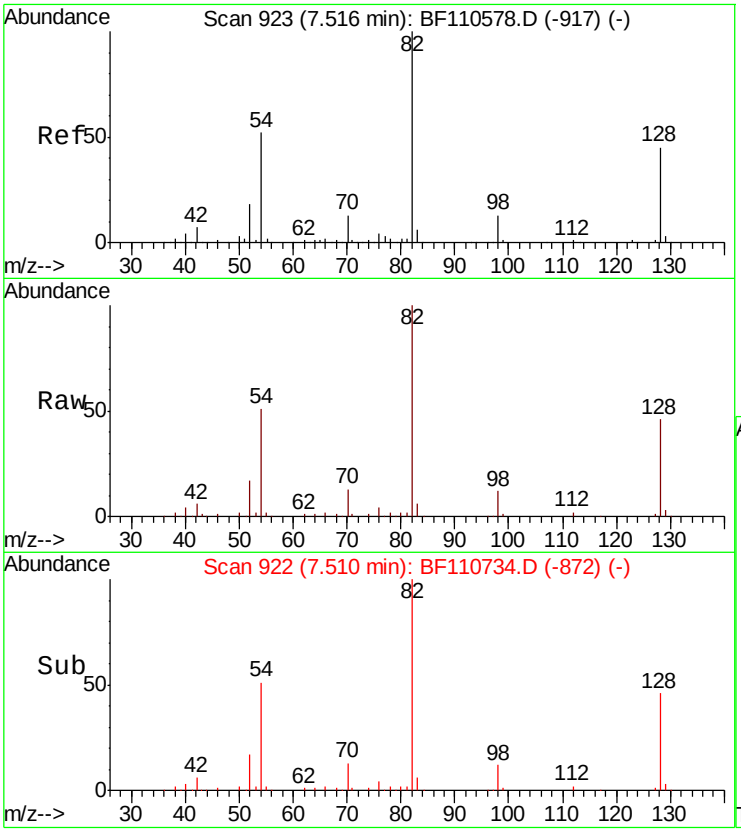


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:136 Resp: 331762

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2



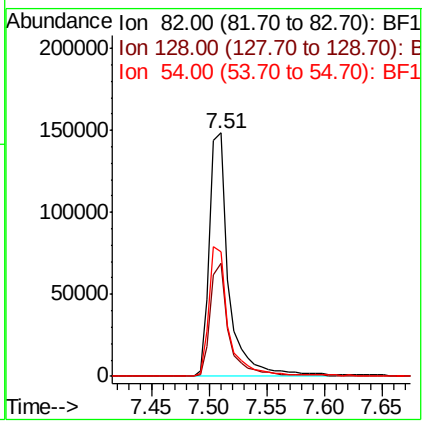


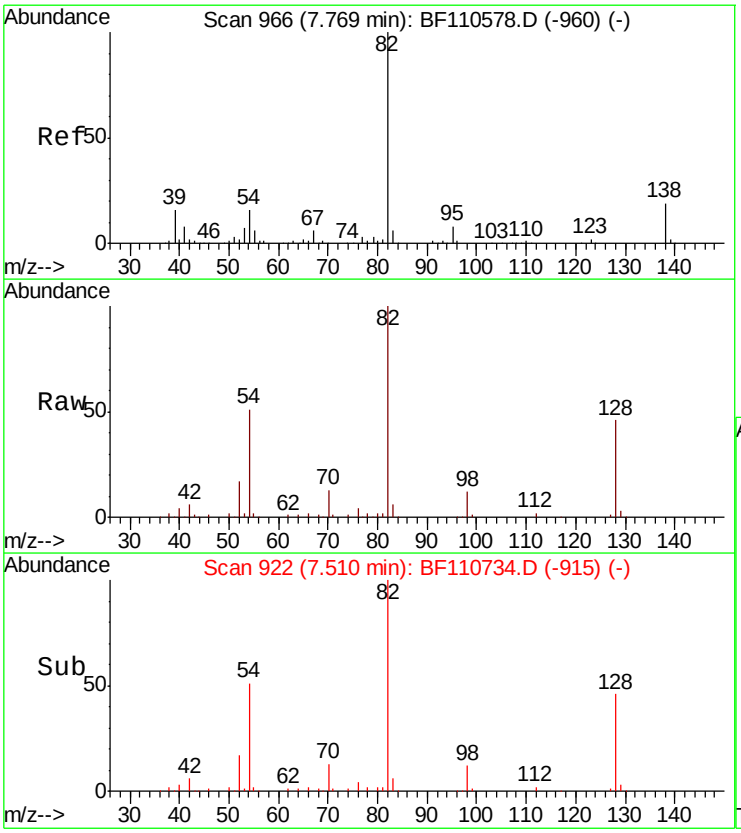
#23
Nitrobenzene-d5
Concen: 30.354 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion: 82 Resp: 174861

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	51.0	38.6	58.0

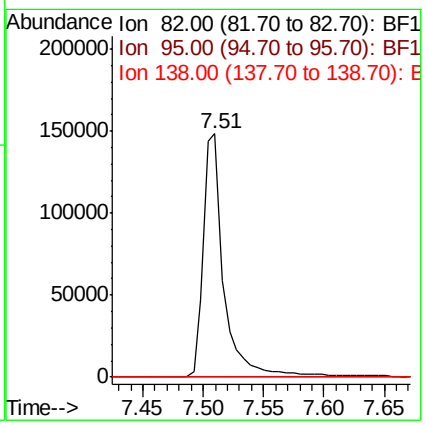


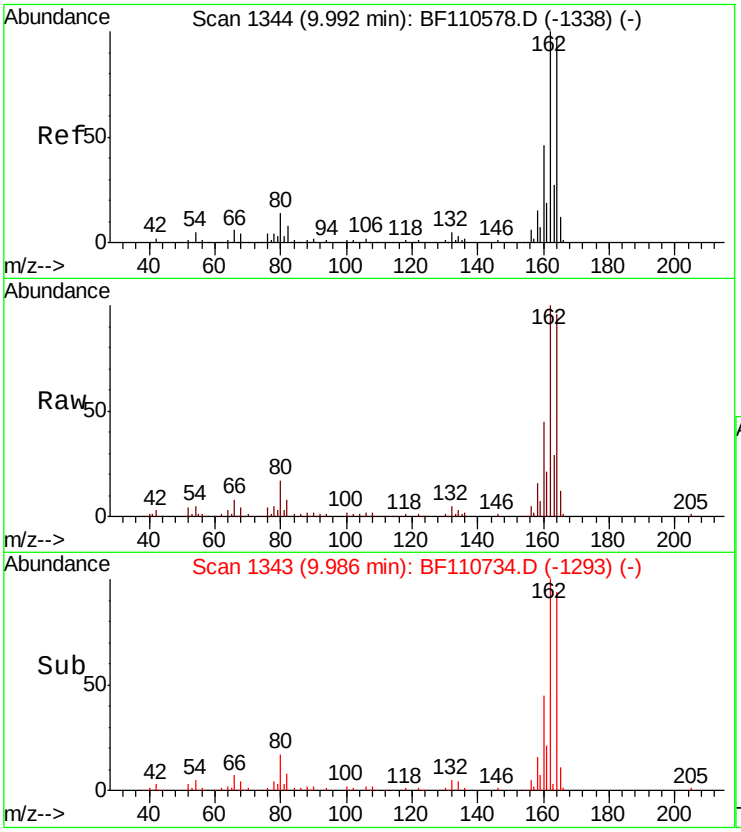


#25
Isophorone
Concen: 18.522 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion: 82 Resp: 174882

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



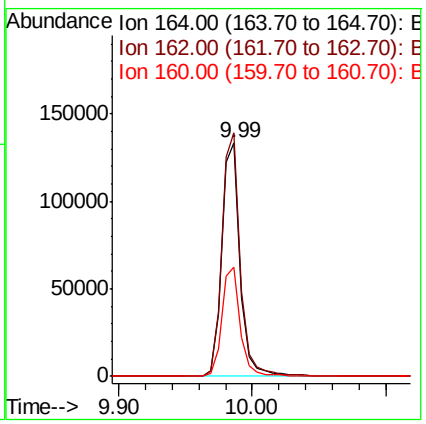


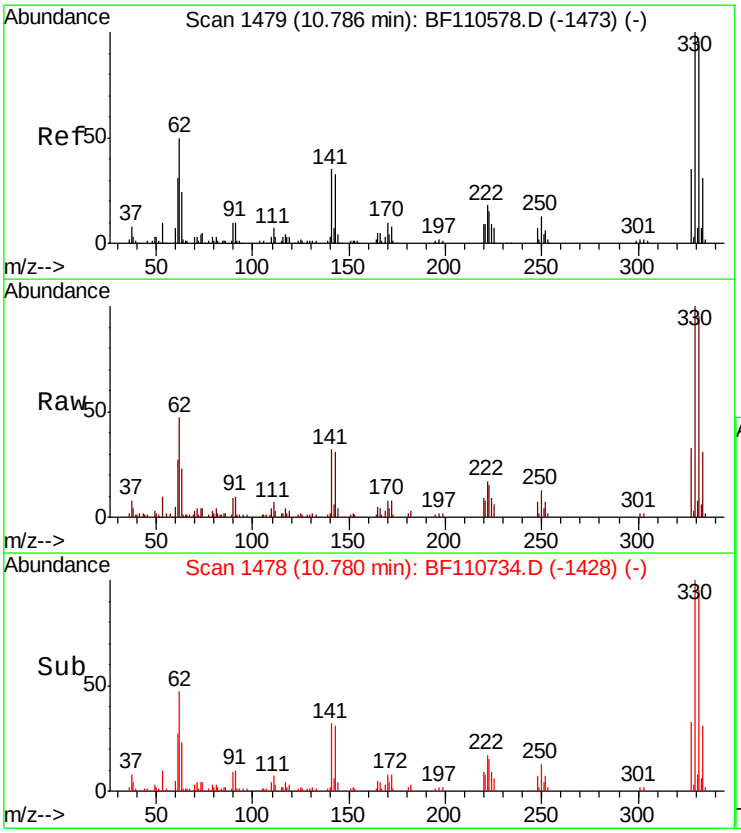
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:164 Resp: 129155

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	46.8	37.0	55.6

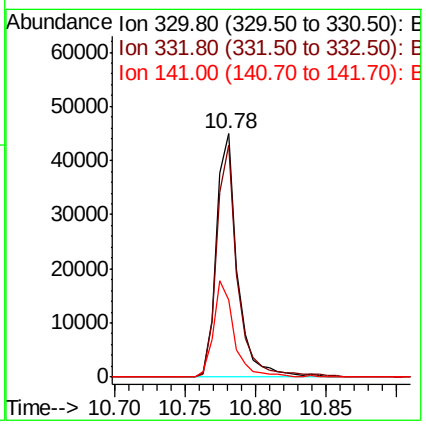


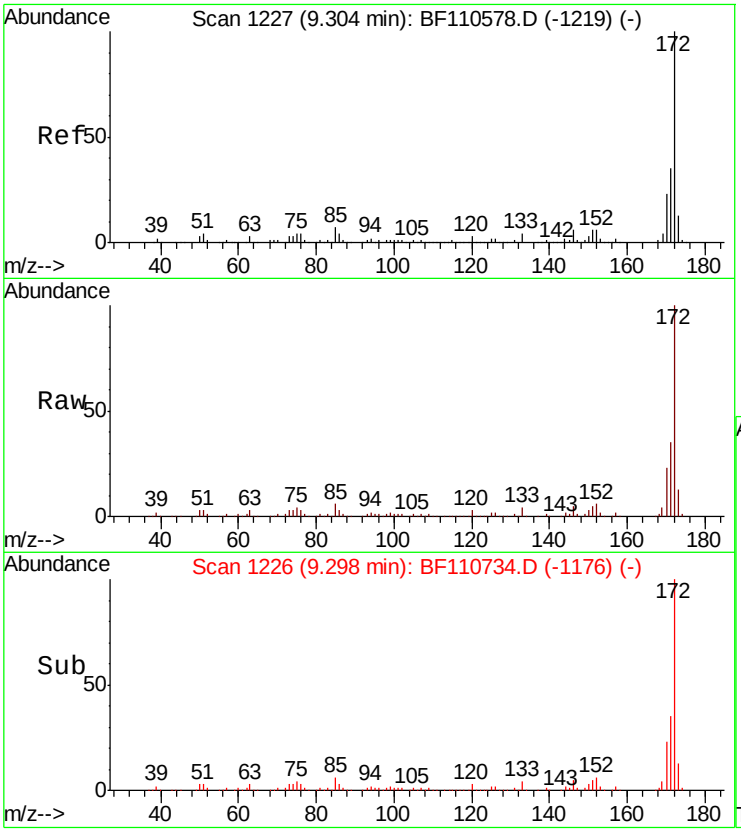


#42
2,4,6-Tribromophenol
Concen: 35.910 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:330 Resp: 46733

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	38.5	27.0	40.4



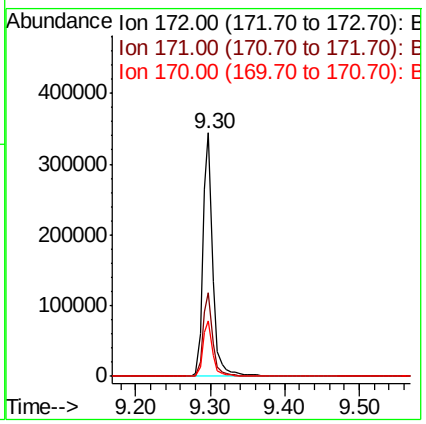


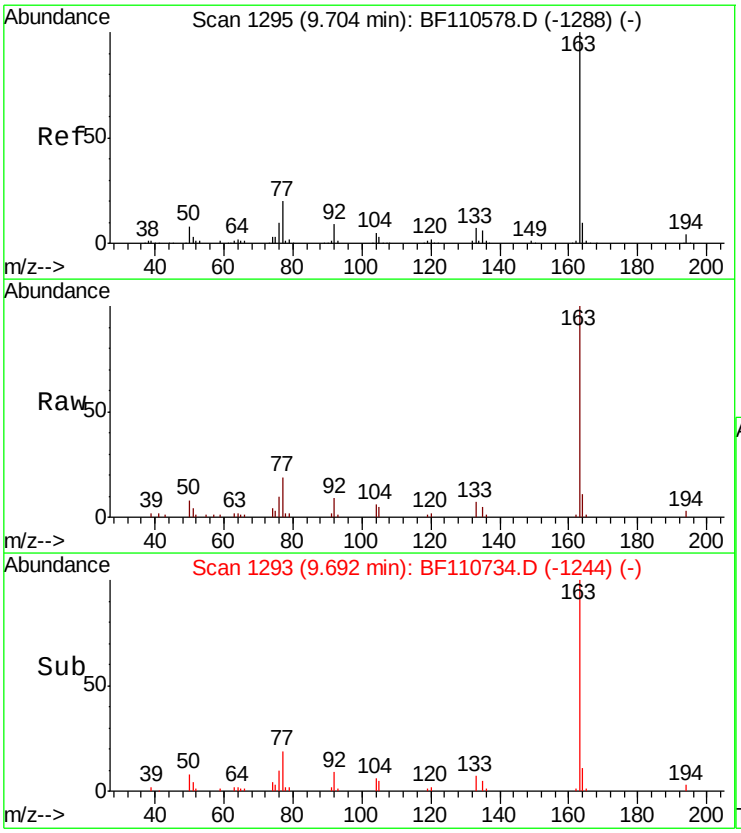
#45
2-Fluorobiphenyl
Concen: 35.289 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:172 Resp: 319129

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.0	19.7	29.5

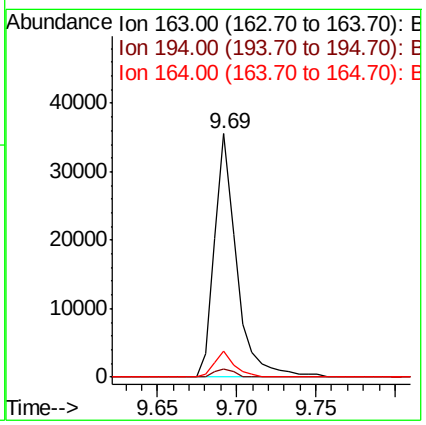


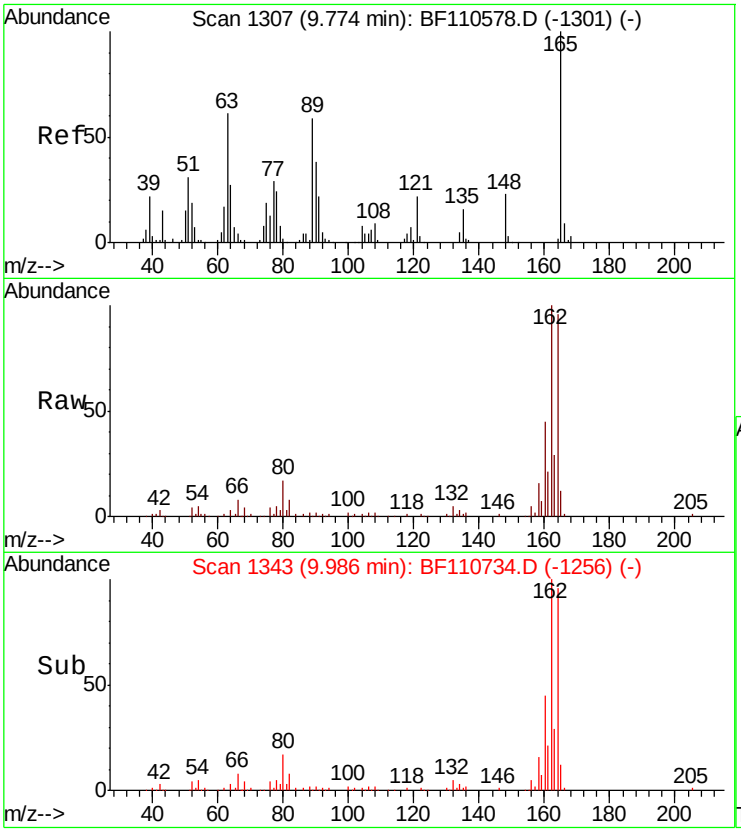


#50
Dimethylphthalate
Concen: 3.581 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:163 Resp: 34506

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.6	8.1	12.1



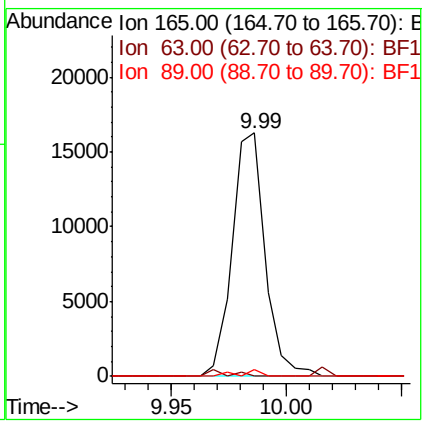


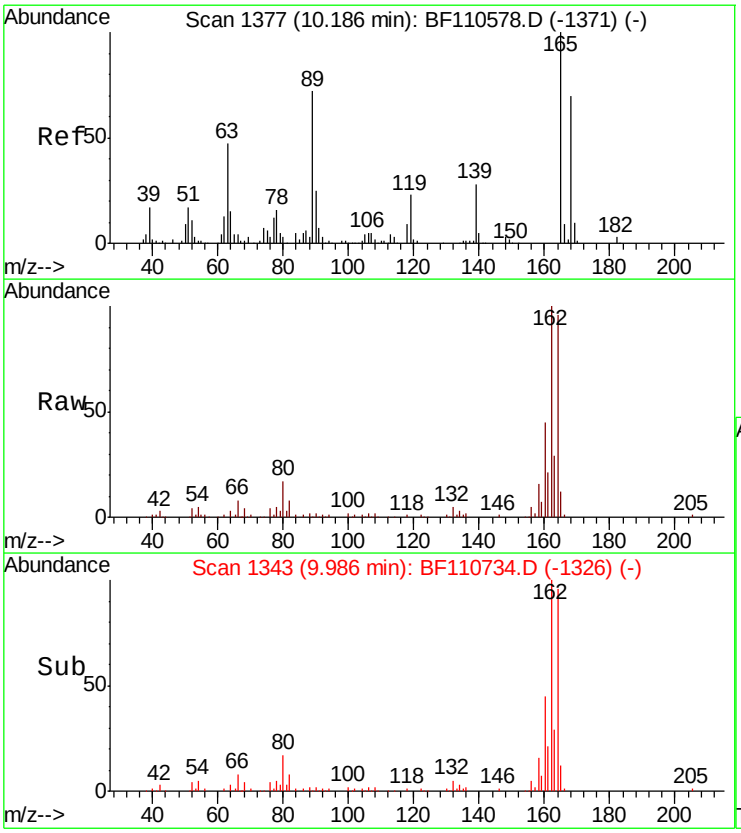
#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:165 Resp: 16200

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.9	46.6	69.8#

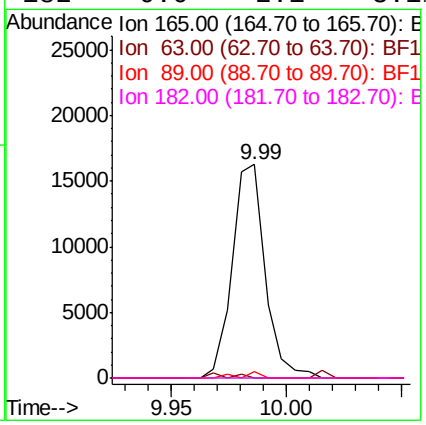


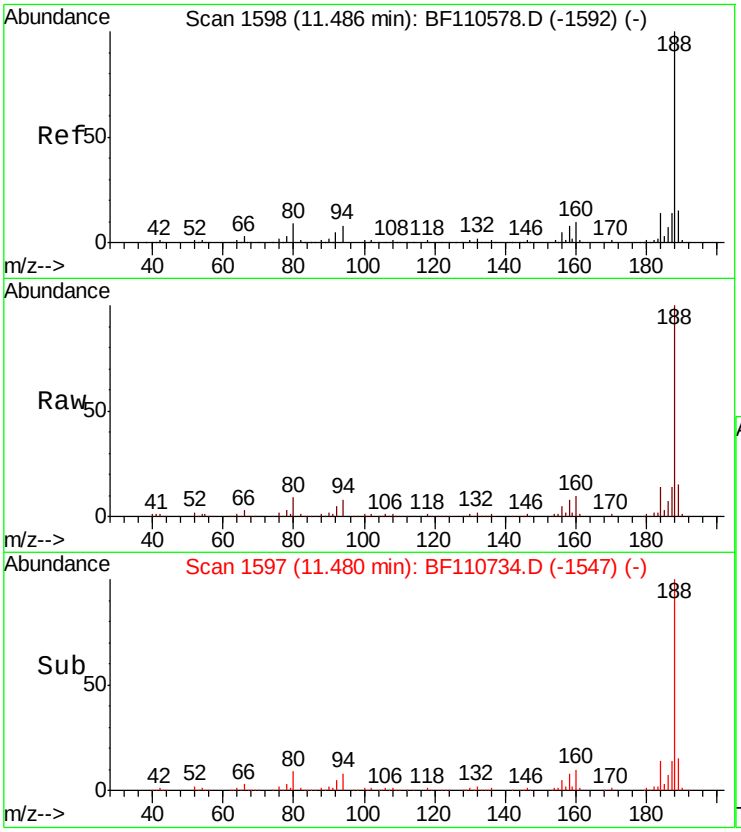


#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:165 Resp: 16200

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.9	62.2	93.4#
182	0.0	2.1	3.1#



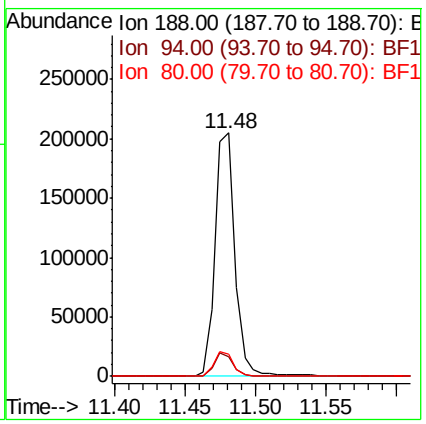


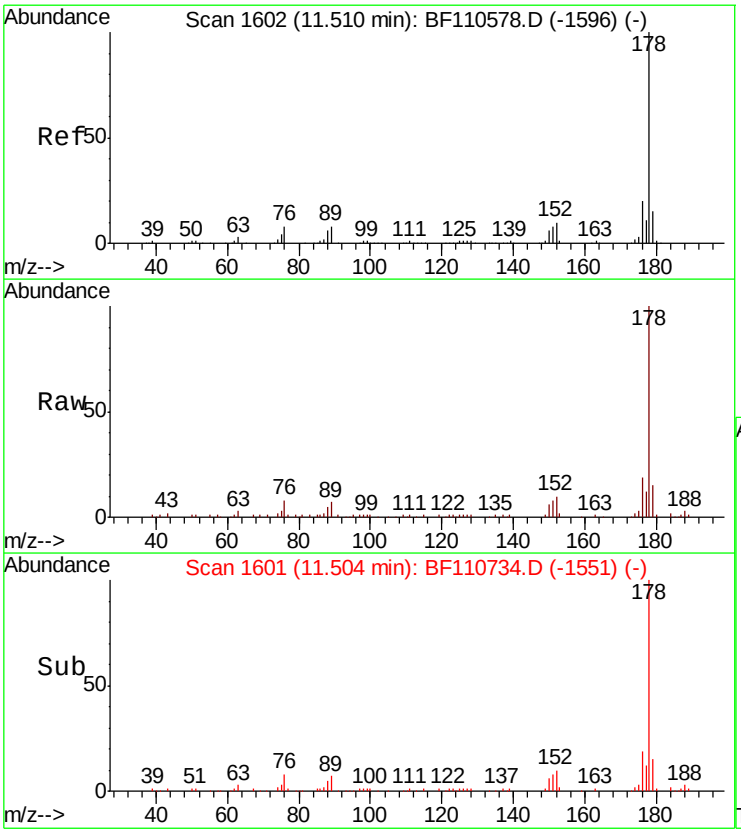
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:188 Resp: 201673

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.0	7.9	11.9

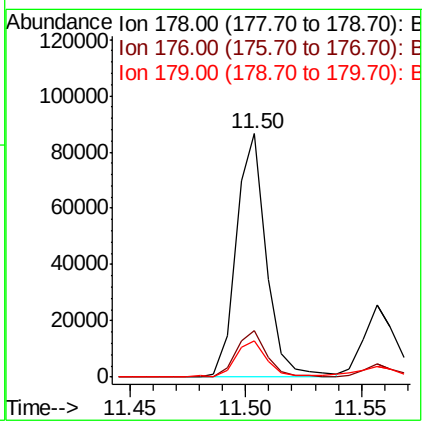


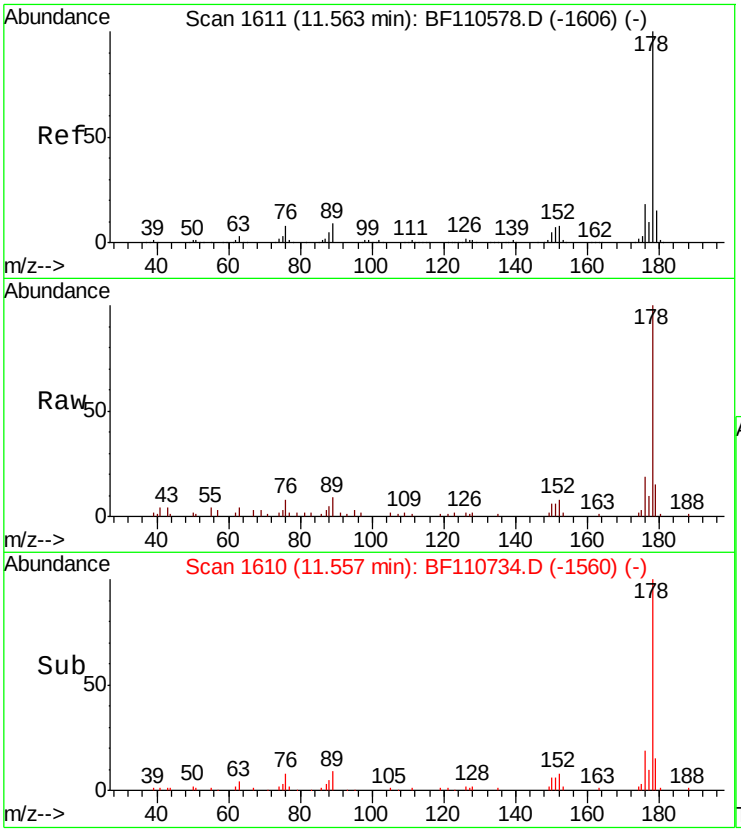


#71
Phenanthrene
Concen: 7.278 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:178 Resp: 78634

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.0	12.5	18.7



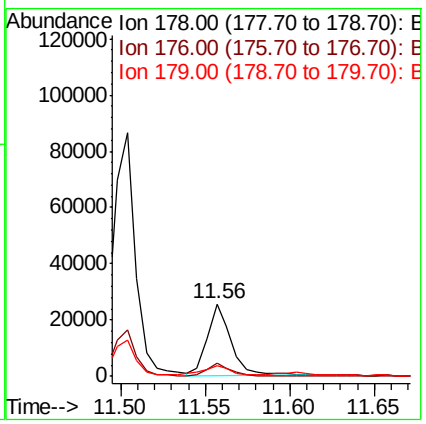


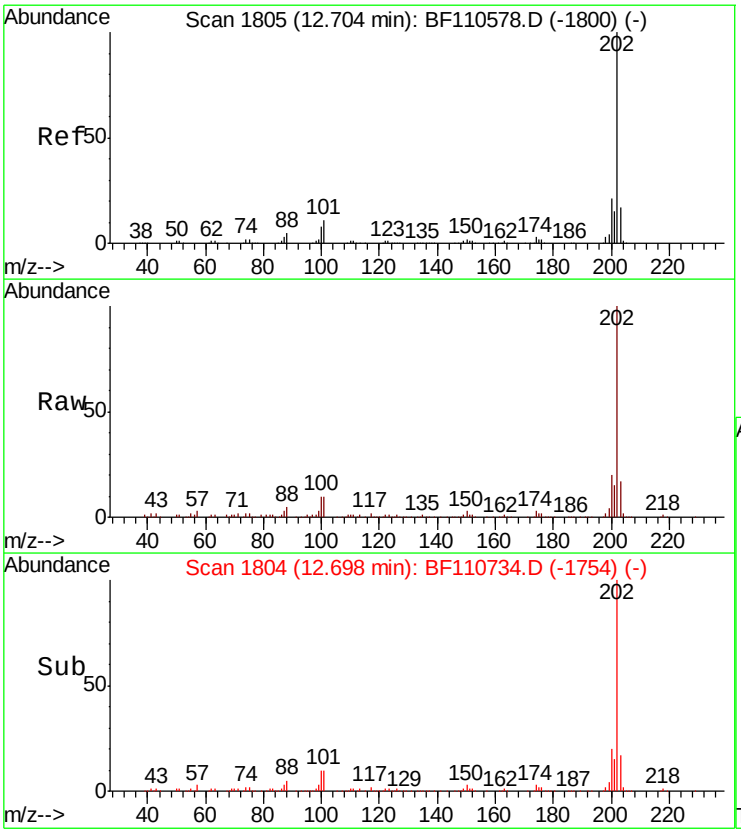
#72
Anthracene
Concen: 2.315 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:178 Resp: 25227

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.8	12.6	18.8

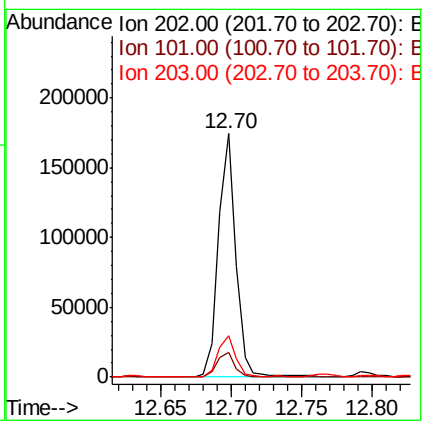


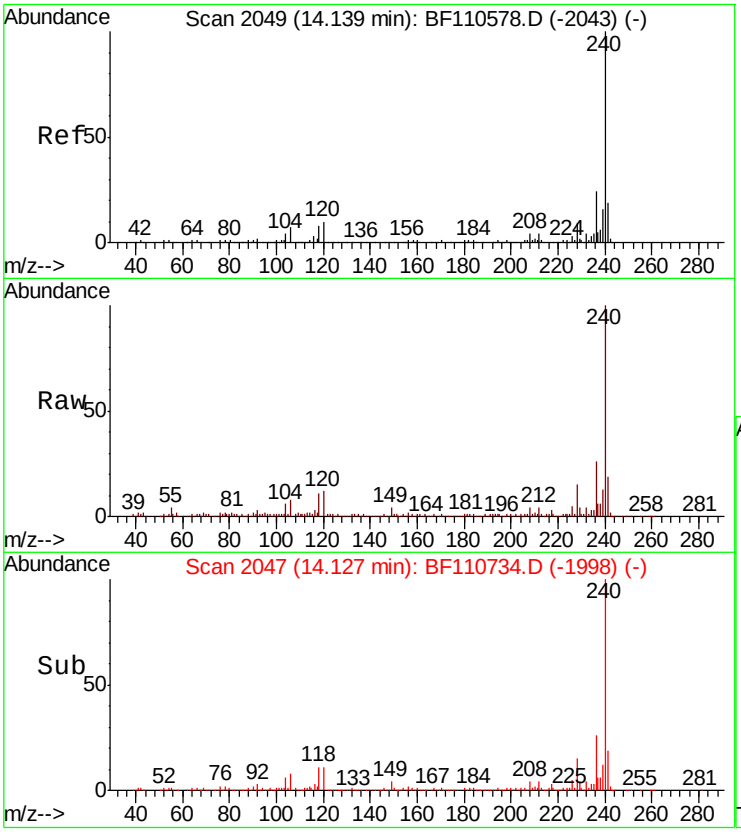


#75
Fluoranthene
Concen: 13.871 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:202 Resp: 150251

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.2	0.0	37.7



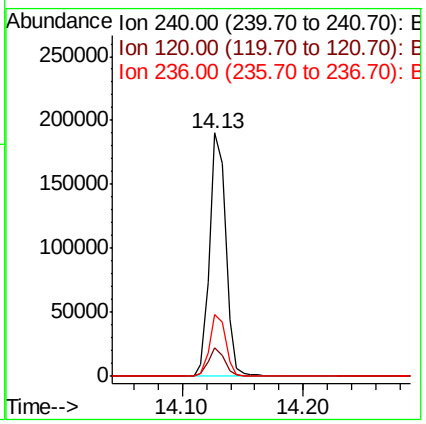


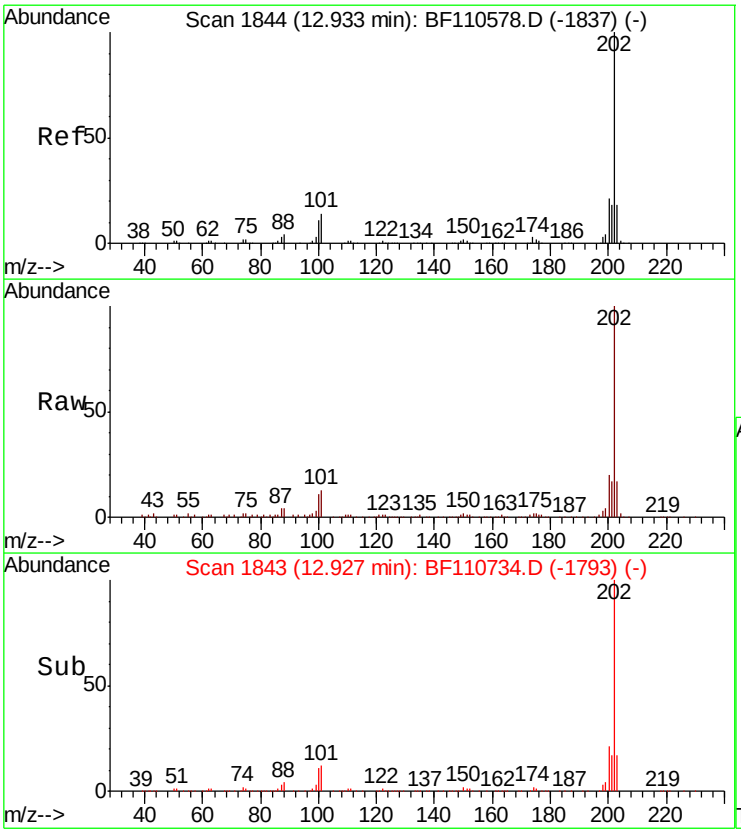
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:240 Resp: 176228

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.5	21.2	31.8

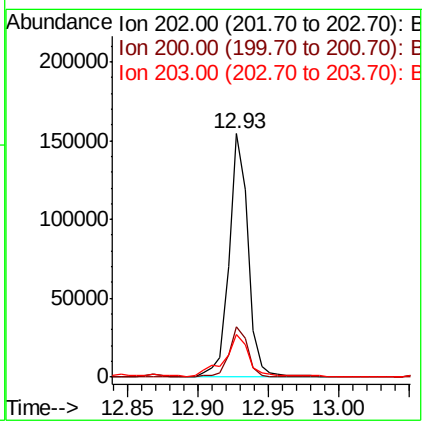


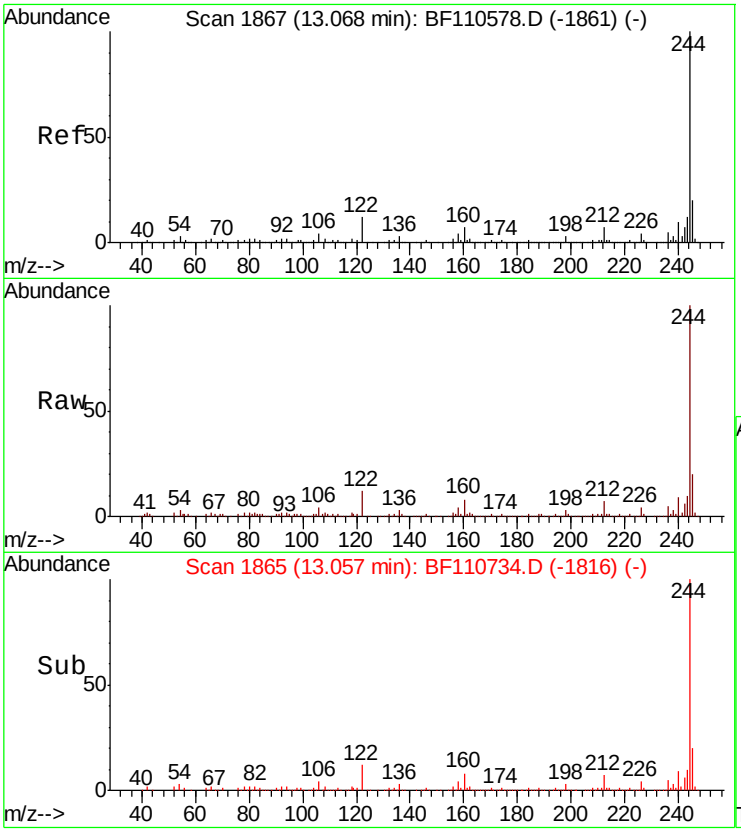


#78
Pyrene
Concen: 10.679 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:202 Resp: 144906

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.3	14.2	21.4



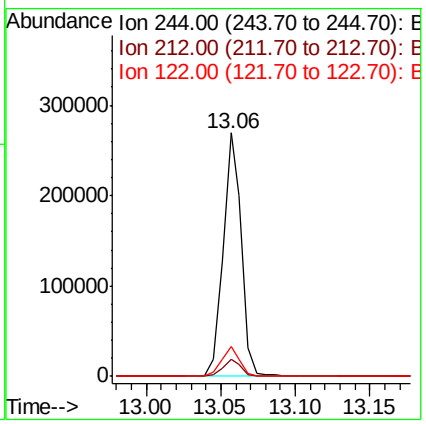


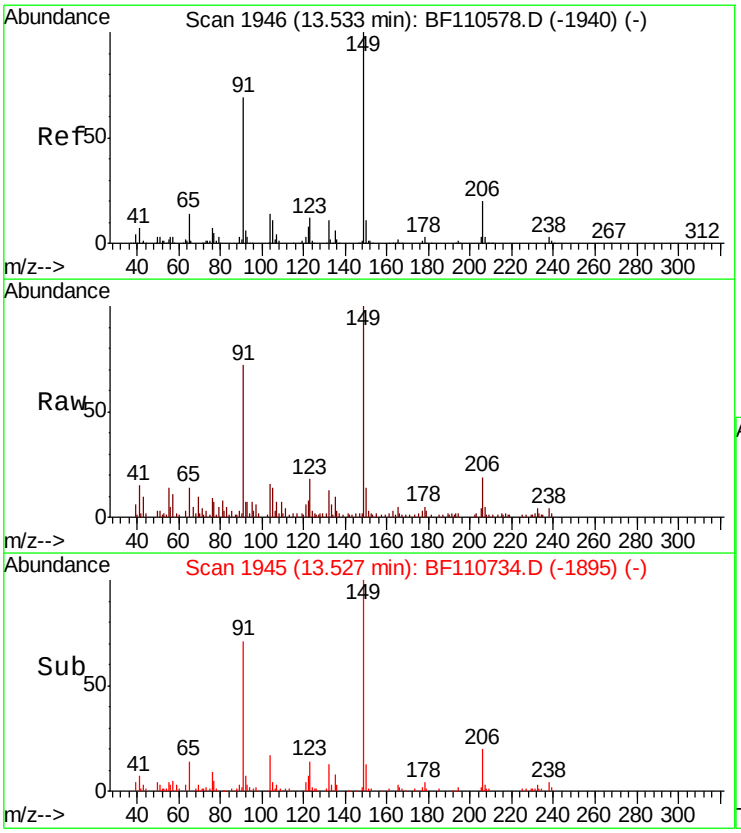
#79
Terphenyl-d14
Concen: 24.719 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:244 Resp: 232606

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.4	8.7	13.1

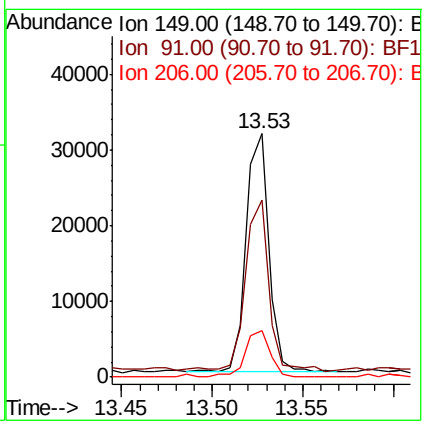


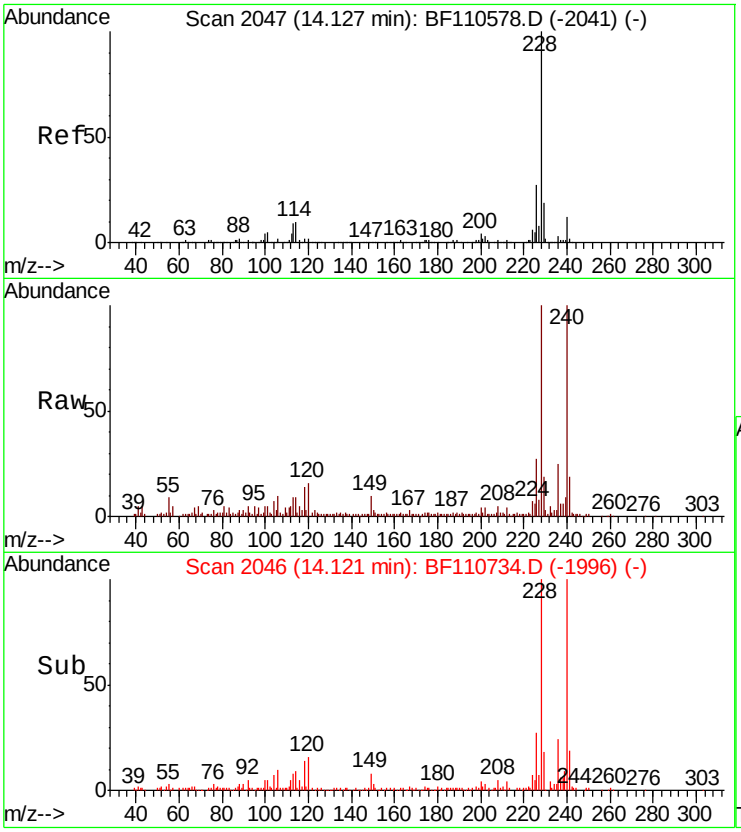


#80
Butylbenzylphthalate
Concen: 4.656 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:149 Resp: 27190

Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.2	85.8
206	19.0	15.7	23.5



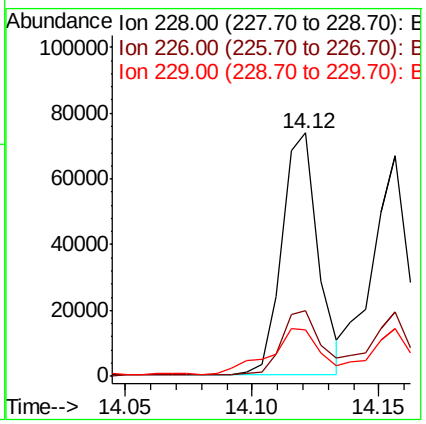


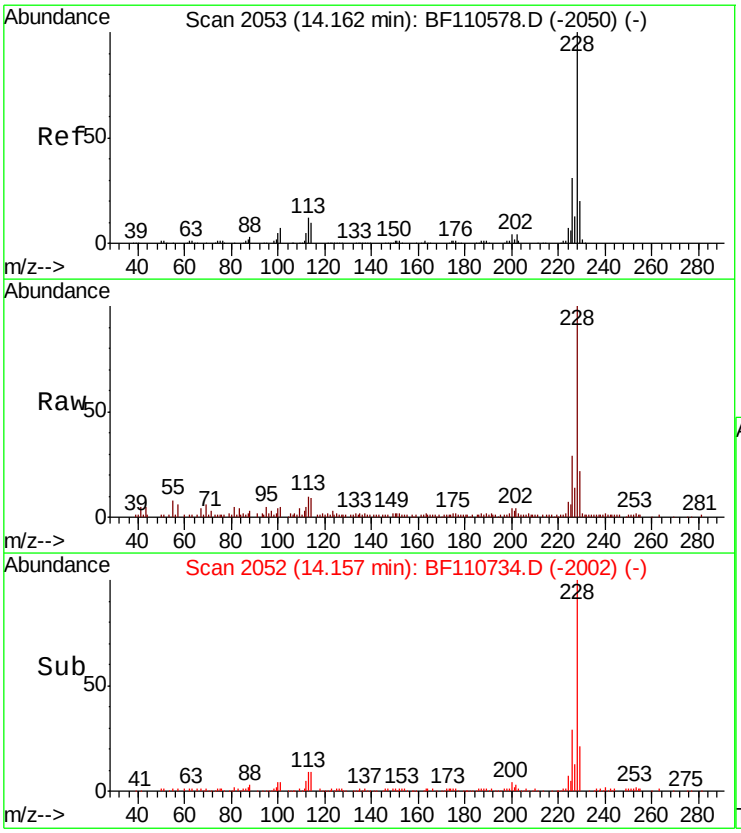
#81
Benzo(a)anthracene
Concen: 7.014 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:228 Resp: 73876

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.0	15.6	23.4

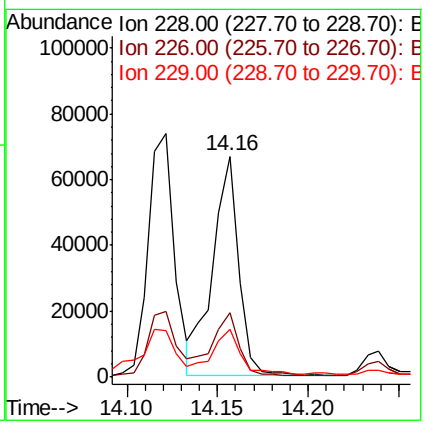


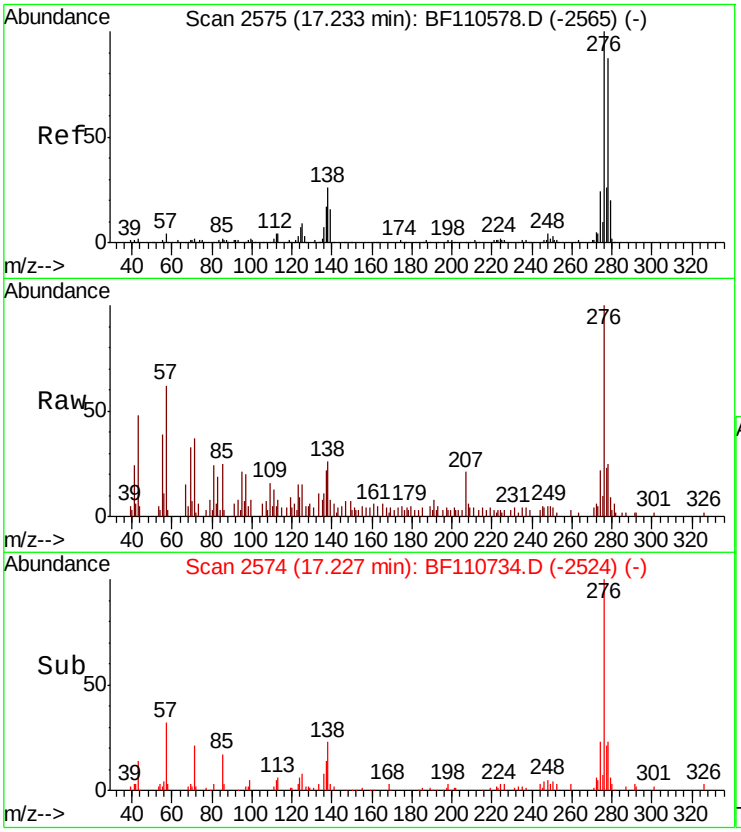


#83
Chrysene
Concen: 6.676 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:228 Resp: 66999

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	21.9	15.9	23.9



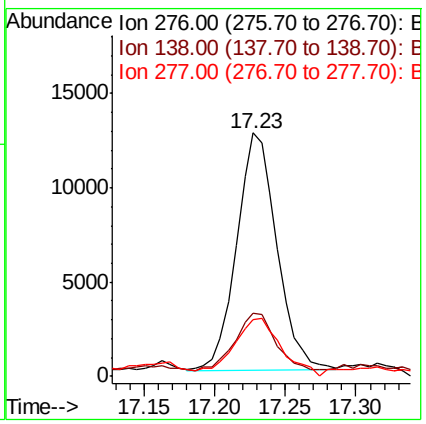


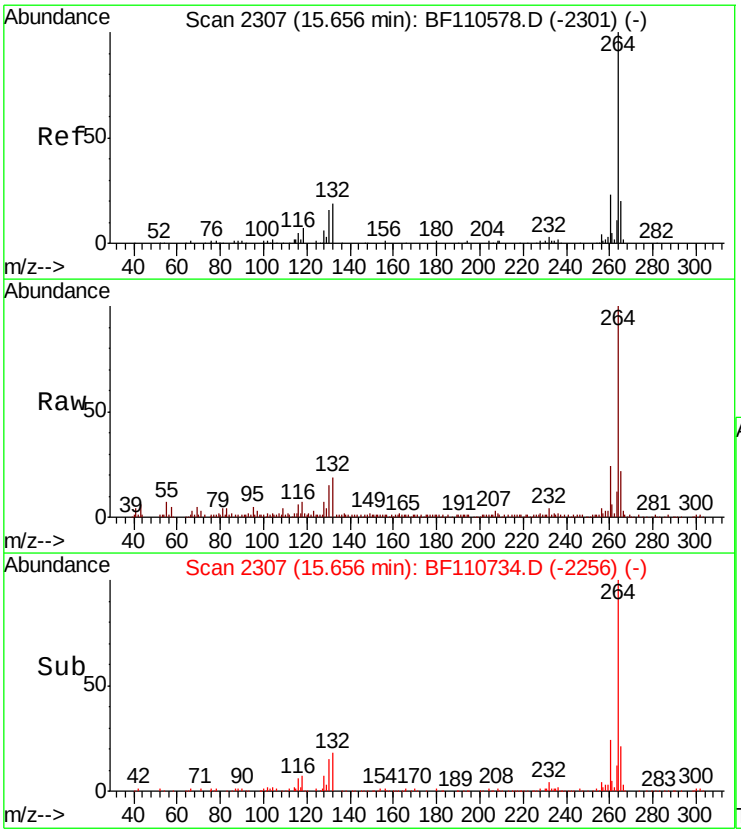
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.473 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:276 Resp: 25012

Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	29.1	20.0	30.0

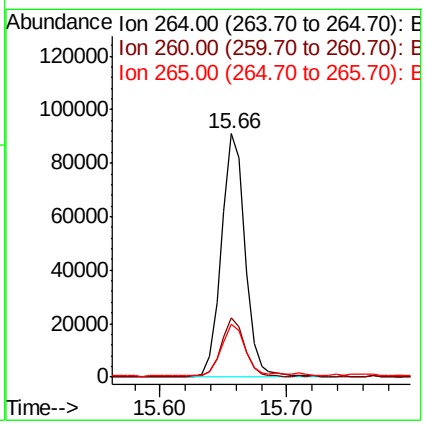


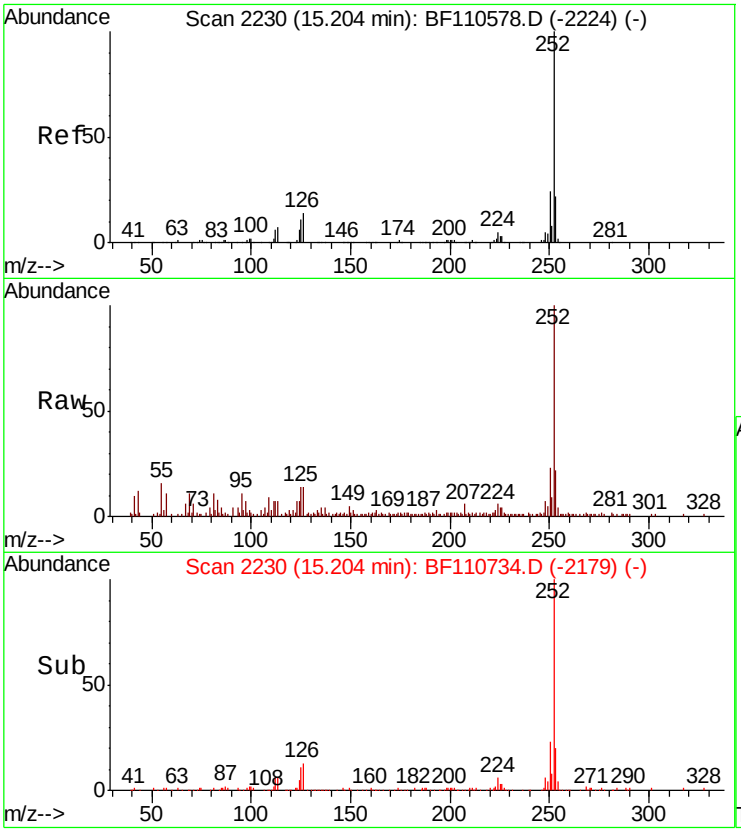


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:264 Resp: 118731

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	16.7	25.1



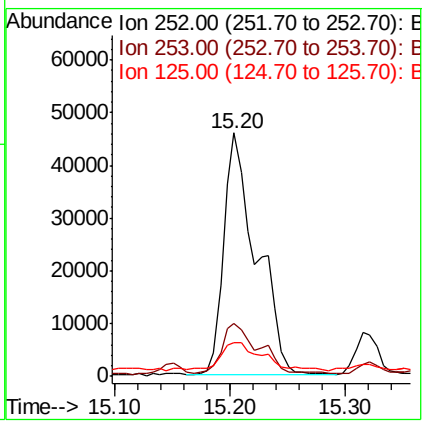


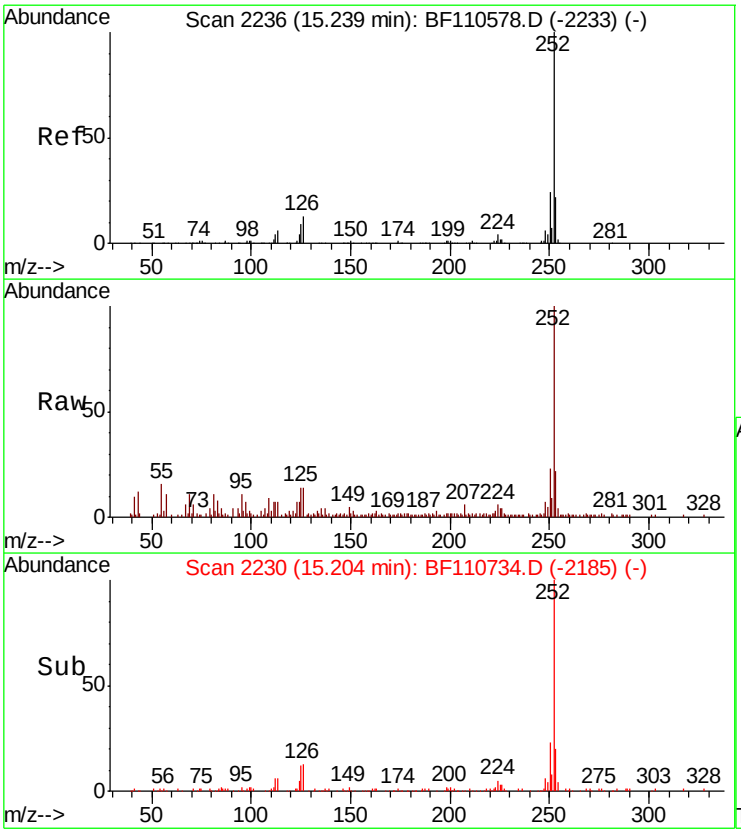
#88
Benzo(b)fluoranthene
Concen: 12.674 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:252 Resp: 90023

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	14.0	8.2	12.4#

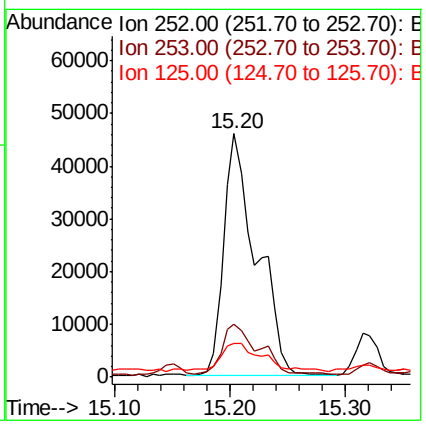


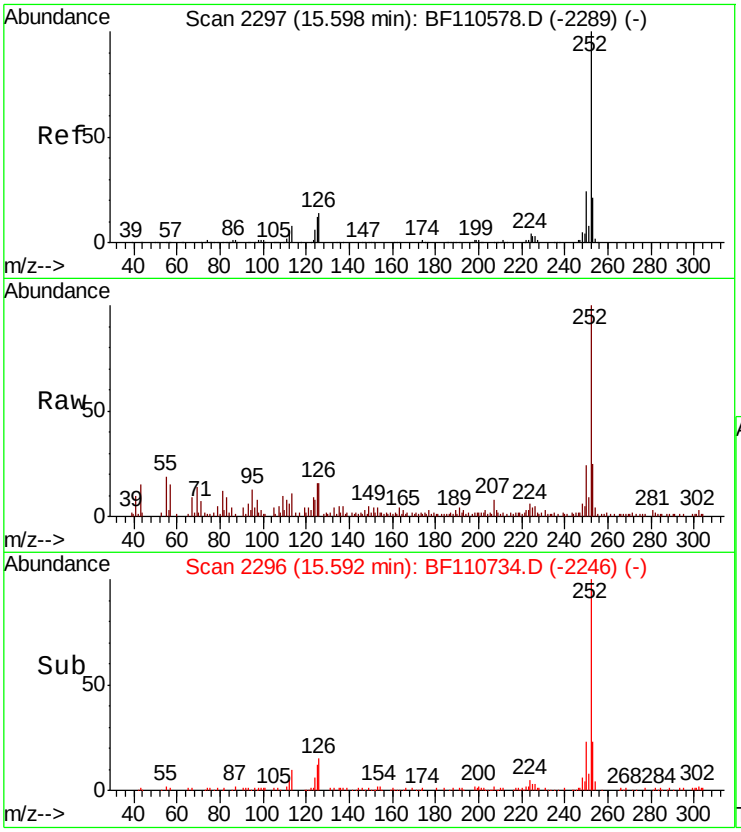


#89
Benzo(k)fluoranthene
Concen: 12.827 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:252 Resp: 90023

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	14.0	7.4	11.0#



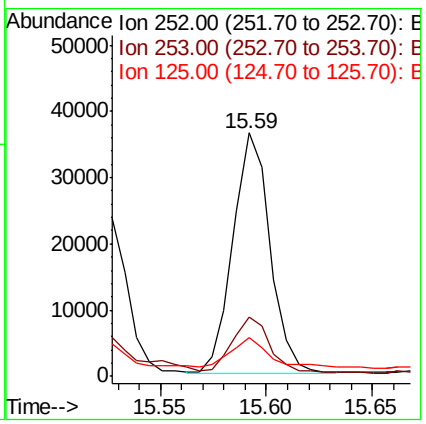


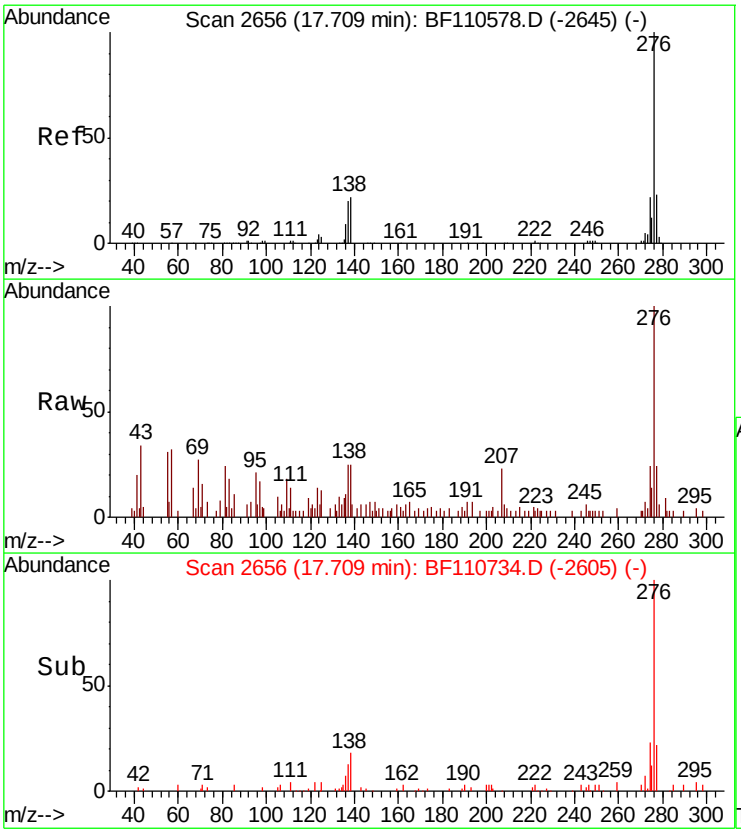
#90
Benzo(a)pyrene
Concen: 6.914 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DOC-19-PRE-CHAR-1

Tgt Ion:252 Resp: 44617

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	16.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.957 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BF110734.D
Acq: 13 Nov 2018 22:11

Tgt Ion:276 Resp: 26860

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	24.5	16.0	24.0#