Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110727.D
Acq On : 13 Nov 2018 18:59
Operator : JU/SJ
Sample : J5925-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5S

Quant Time: Nov 14 04:29:35 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	96511	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	382481	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	160312	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	234267	20.00	ng		0.00
76) Chrysene-d12	14.13	240	180823	20.00	ng		-0.01
87) Perylene-d12	15.66	264	158926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	702459	118.23	ng		0.00
7) Phenol-d6	6.57	99	877412	115.48	ng		0.00
23) Nitrobenzene-d5	7.51	82	563768	84.89	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	163684	101.33	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	854344	76.11	ng		0.00
79) Terphenyl-d14	13.06	244	538121	55.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1742	Below Cal		#	1
10) Phenol	6.59	94	38359	4.354	ng	#	65
19) n-Nitroso-di-n-propylamine	7.51	70	74101	15.279	ng	#	80
25) Isophorone	7.51	82	563764	51.790	ng	#	67
50) Dimethylphthalate	9.69	163	133451	11.156	ng		99
57) 2,4-Dinitrotoluene	9.98	165	20348	5.947	ng	#	18
67) 4-Bromophenyl-phenylether	10.78	248	10422	4.025	ng	#	1
71) Phenanthrene	11.50	178	40929	3.261	ng		99
75) Fluoranthene	12.70	202	69770	5.545	ng		98
78) Pyrene	12.93	202	113013	8.117	ng		98
81) Benzo(a)anthracene	14.12	228	76887	7.114	ng		97
83) Chrysene	14.16	228	75656	7.348	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	16606	2.247	ng	#	91
88) Benzo(b)fluoranthene	15.20	252	73375	7.718	ng	#	87
89) Benzo(k)fluoranthene	15.20	252	73375	7.810	ng	#	86
90) Benzo(a)pyrene	15.59	252	52224	6.046	ng		98
92) Benzo(g,h,i)perylene	17.70	276	16838	2.322	ng		96

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

Quantitation Report (Not Reviewed)

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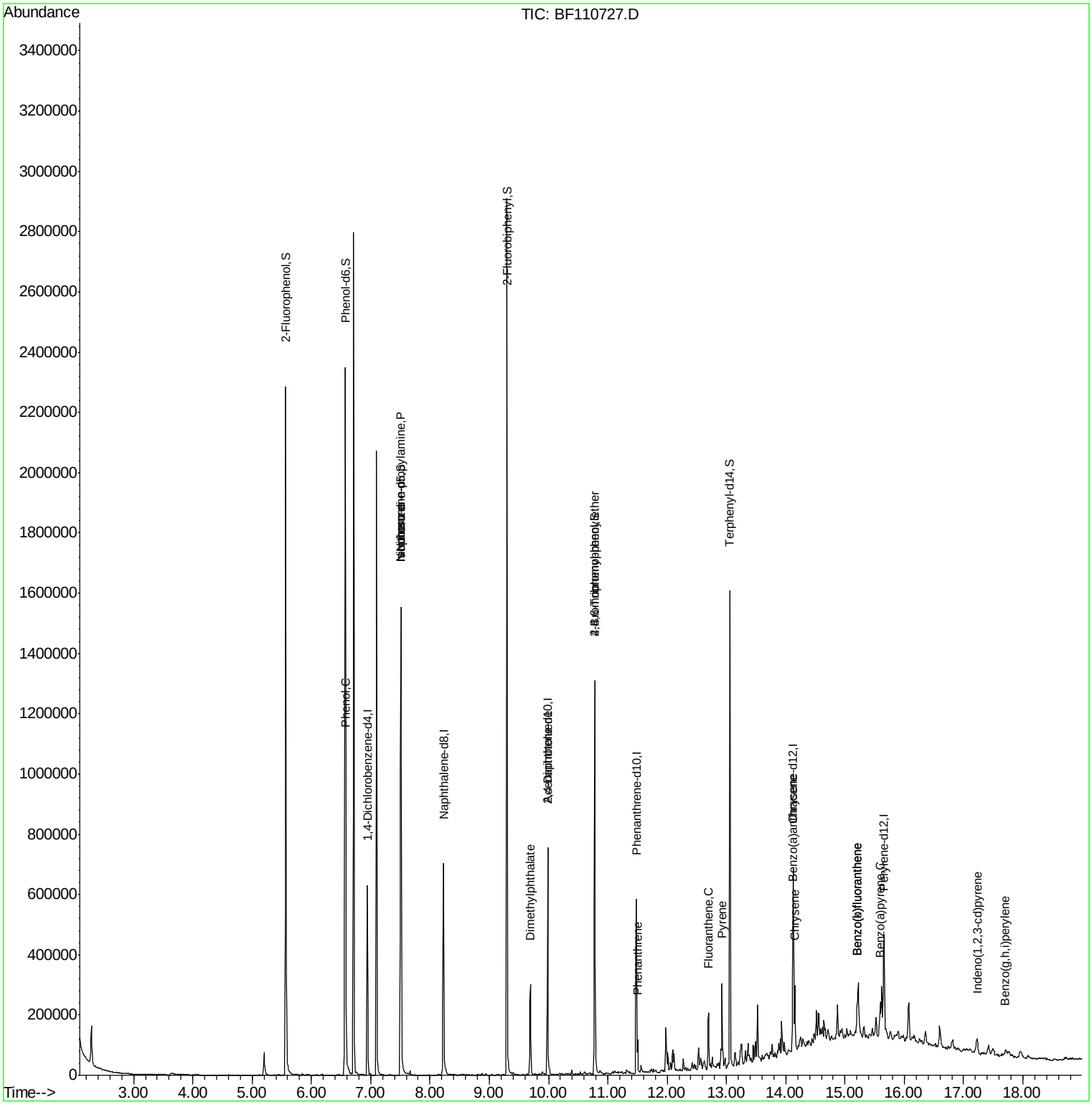
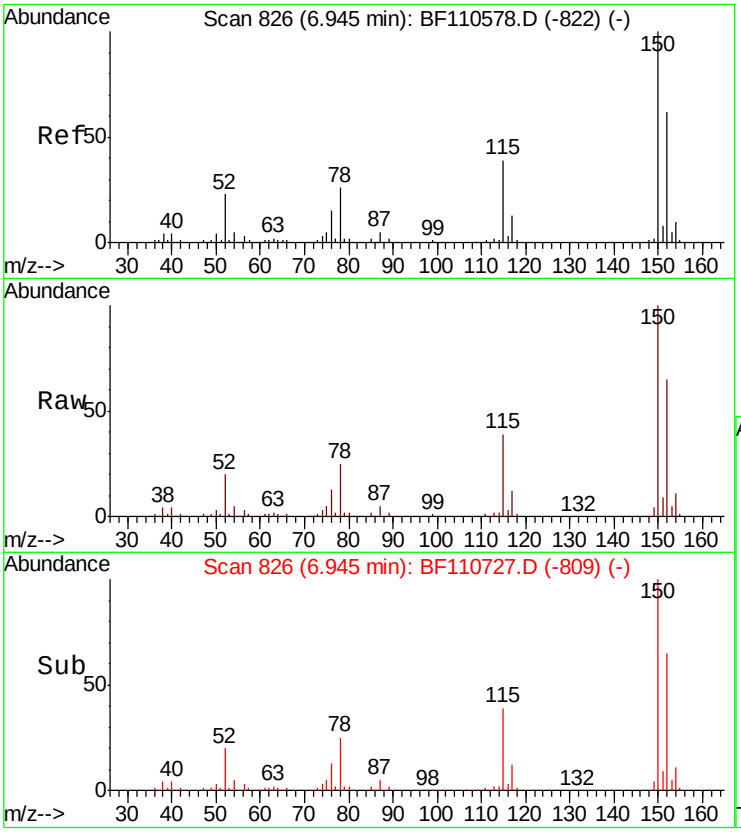


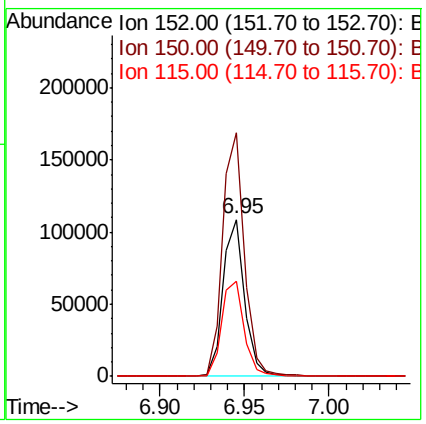


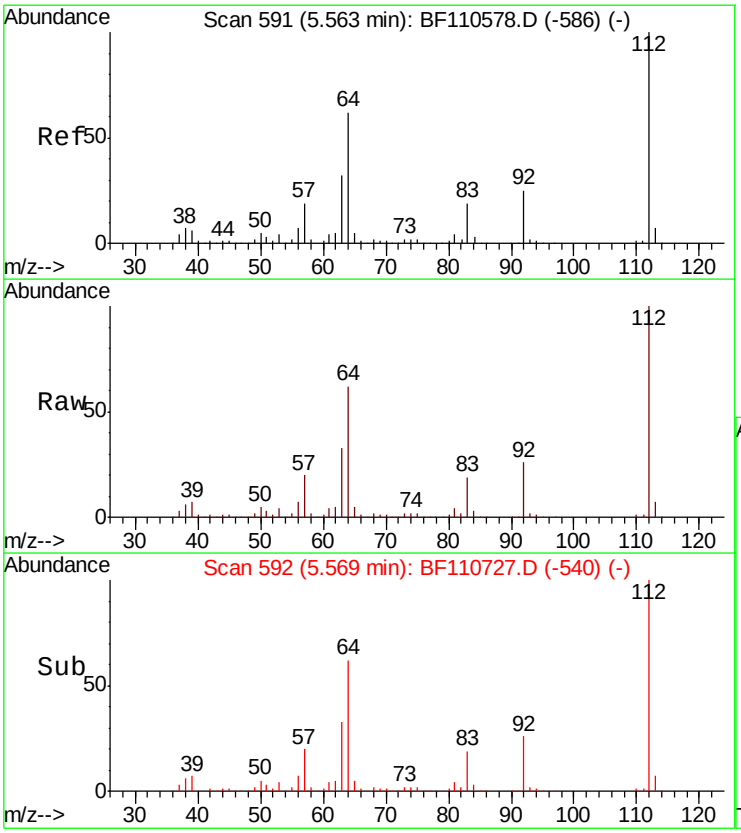
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:152 Resp: 96511

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	60.8	49.1	73.7

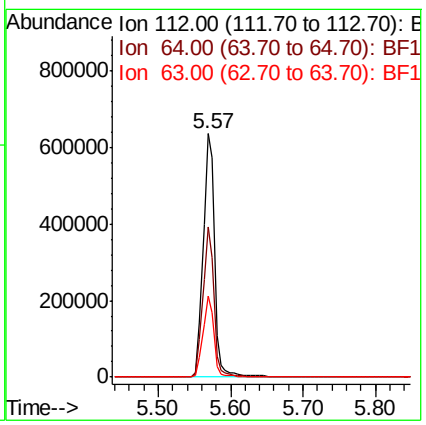


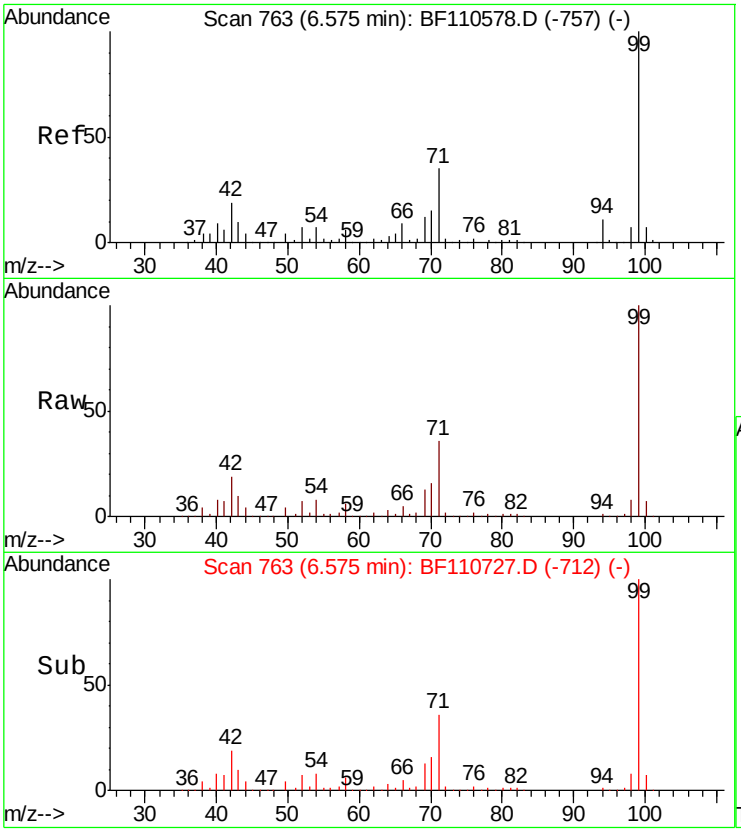


#5
2-Fluorophenol
Concen: 118.226 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:112 Resp: 702459

Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	33.2	23.7	35.5



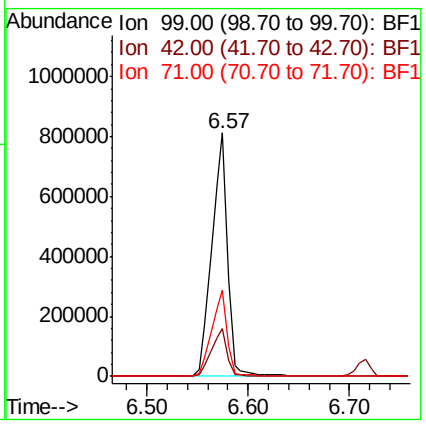


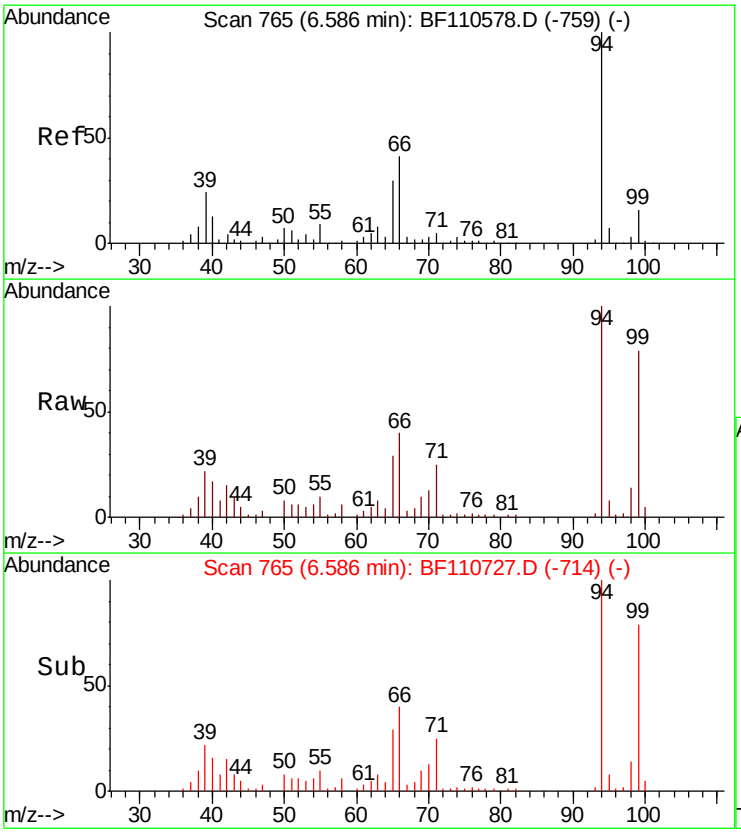
#7
Phenol-d6
Concen: 115.480 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion: 99 Resp: 877412

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	35.6	28.0	42.0

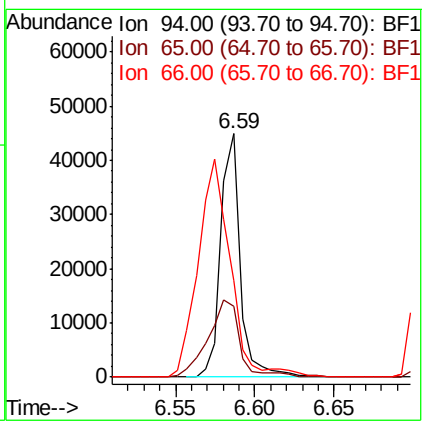


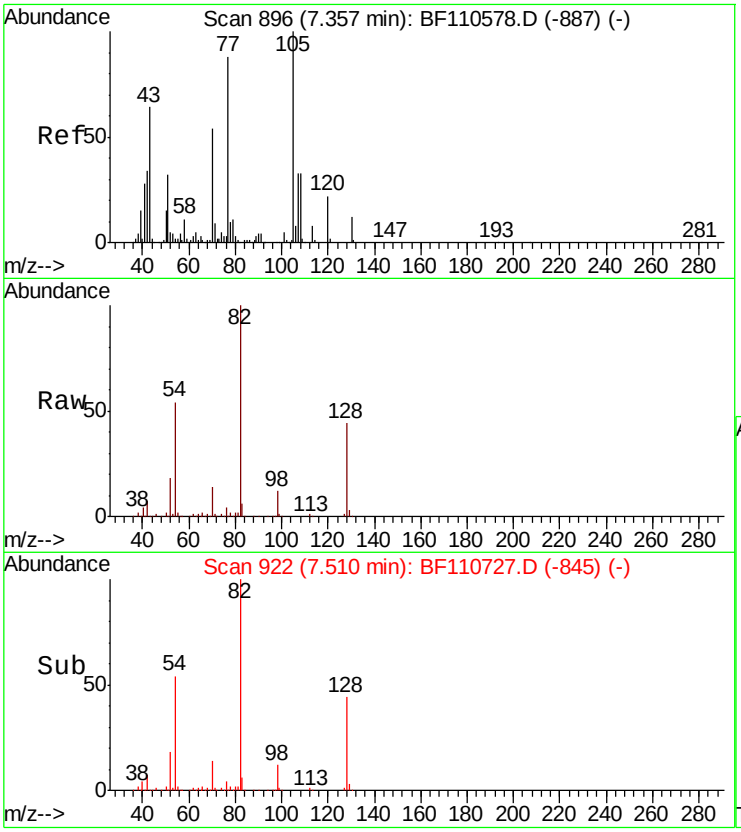


#10
Phenol
Concen: 4.354 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion: 94 Resp: 38359

Ion	Ratio	Lower	Upper
94	100		
65	28.9	25.3	65.3
66	39.6	54.5	94.5#



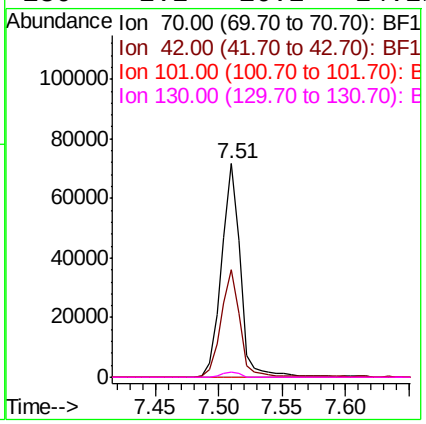


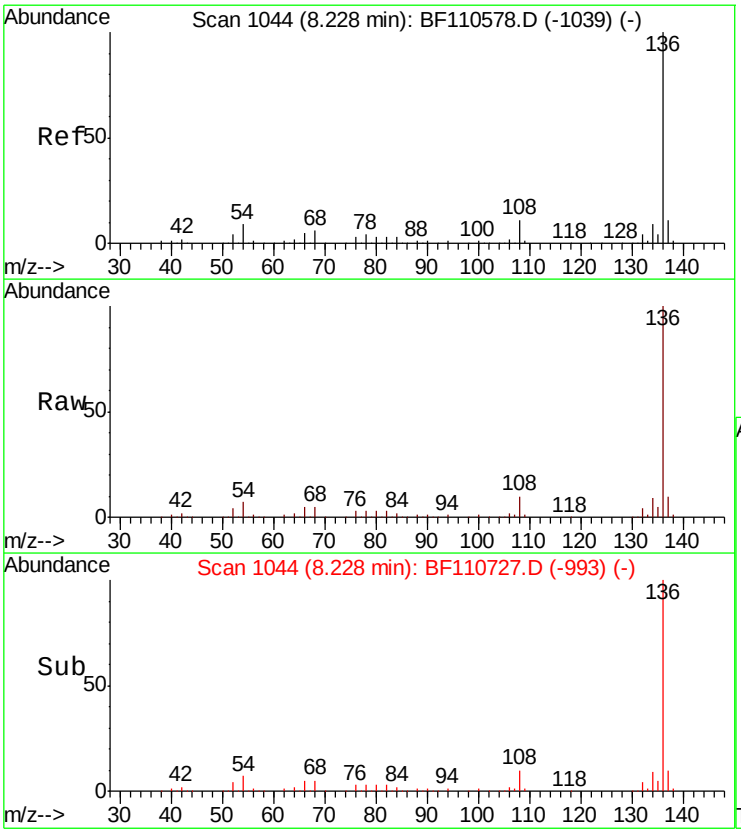
#19
n-Nitroso-di-n-propylamine
Concen: 15.279 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion: 70 Resp: 74101

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

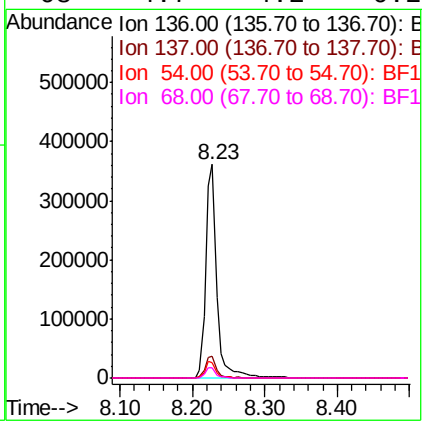


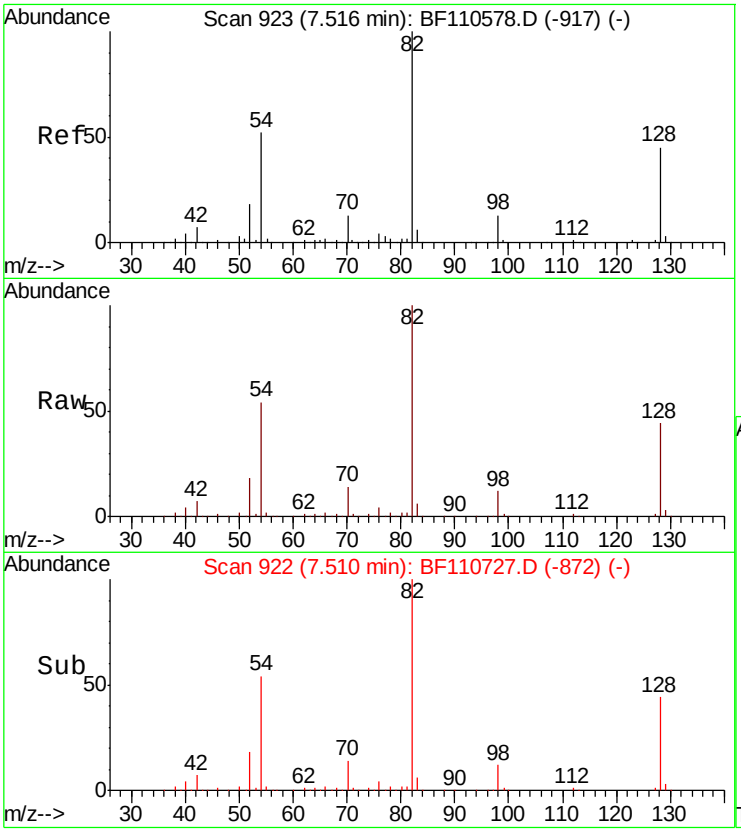


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:136 Resp: 382481

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.0	5.4	8.2
68	4.7	4.2	6.2



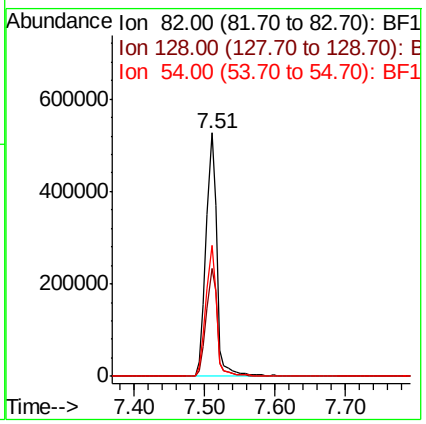


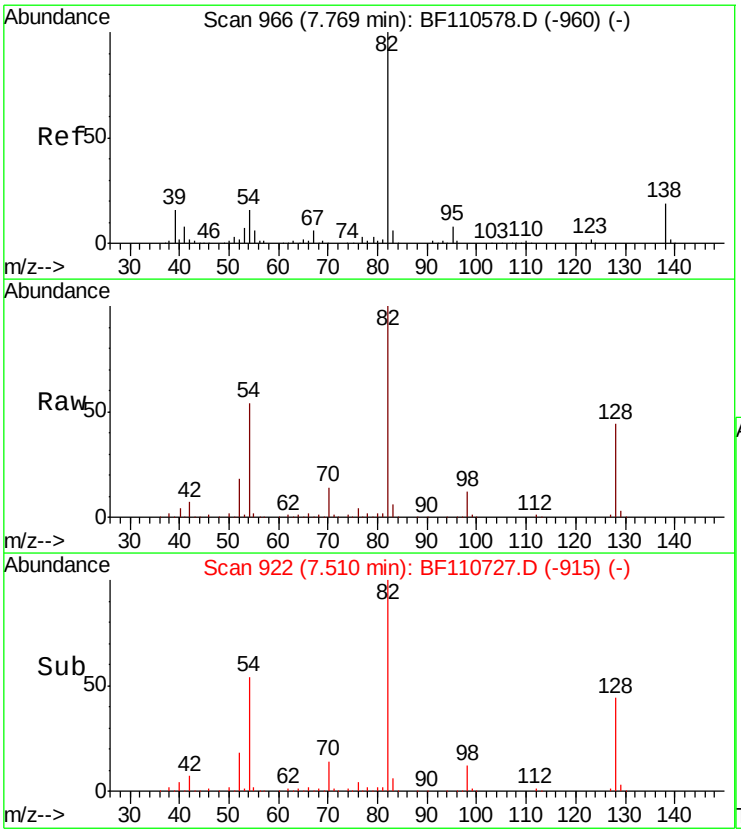
#23
Nitrobenzene-d5
Concen: 84.886 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion: 82 Resp: 563768

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.2	51.2
54	53.8	38.6	58.0

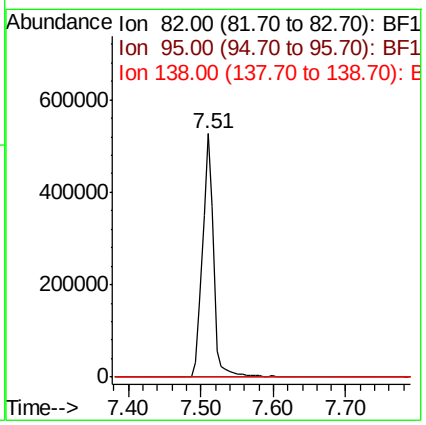


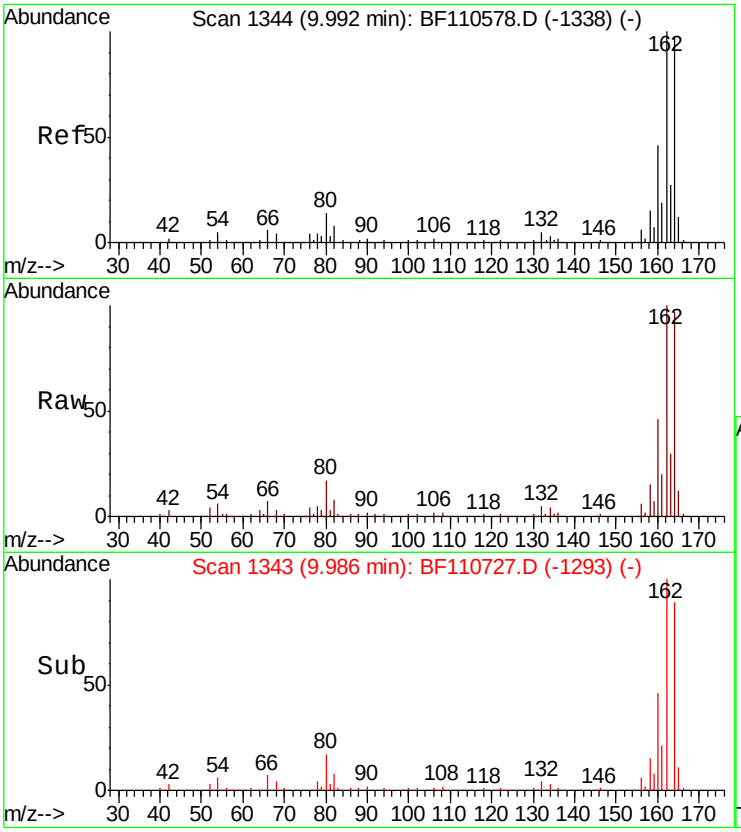


#25
Isophorone
Concen: 51.790 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion: 82 Resp: 563764

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



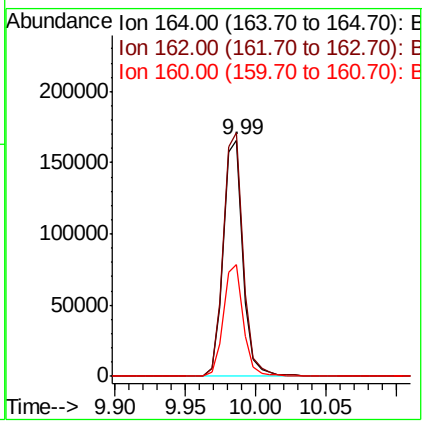


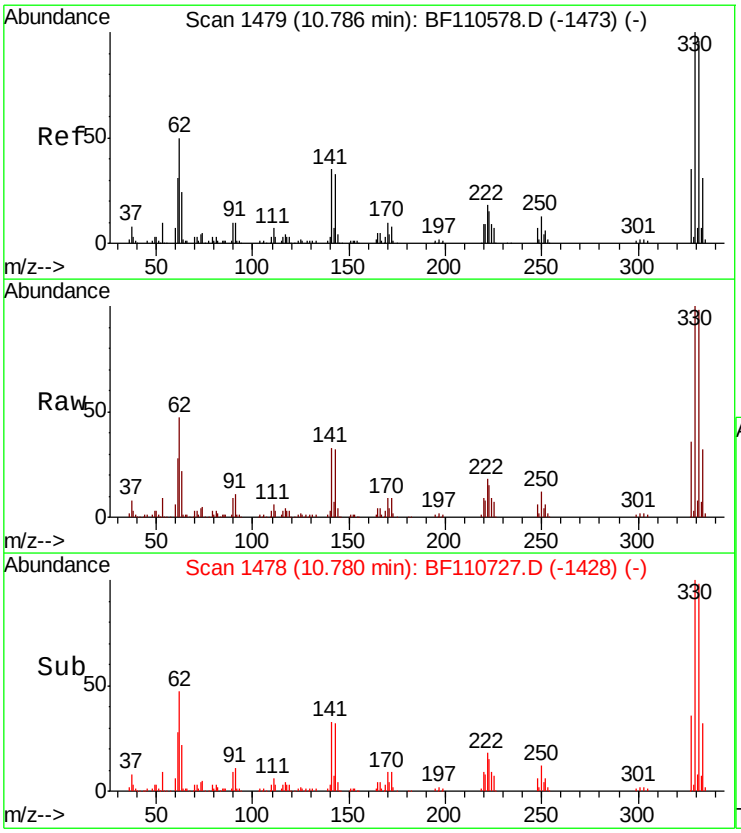
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:164 Resp: 160312

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	47.2	37.0	55.6

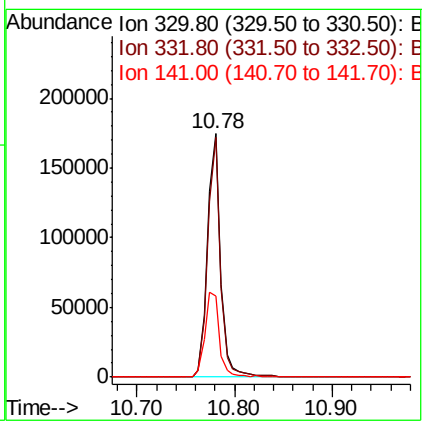


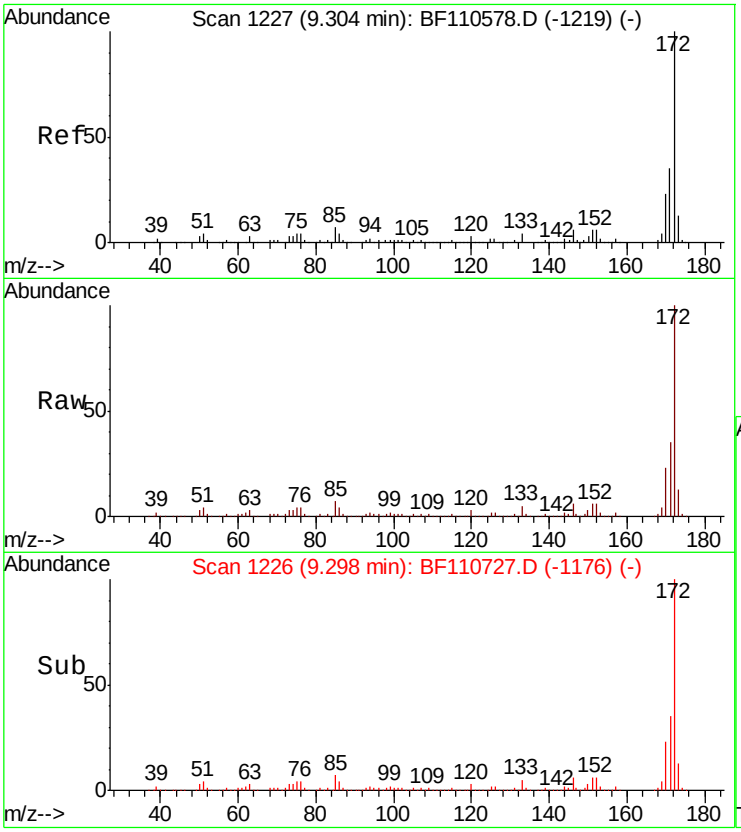


#42
2,4,6-Tribromophenol
Concen: 101.331 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:330 Resp: 163684

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	38.4	27.0	40.4



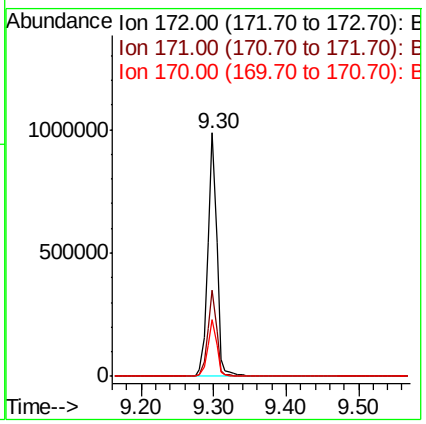


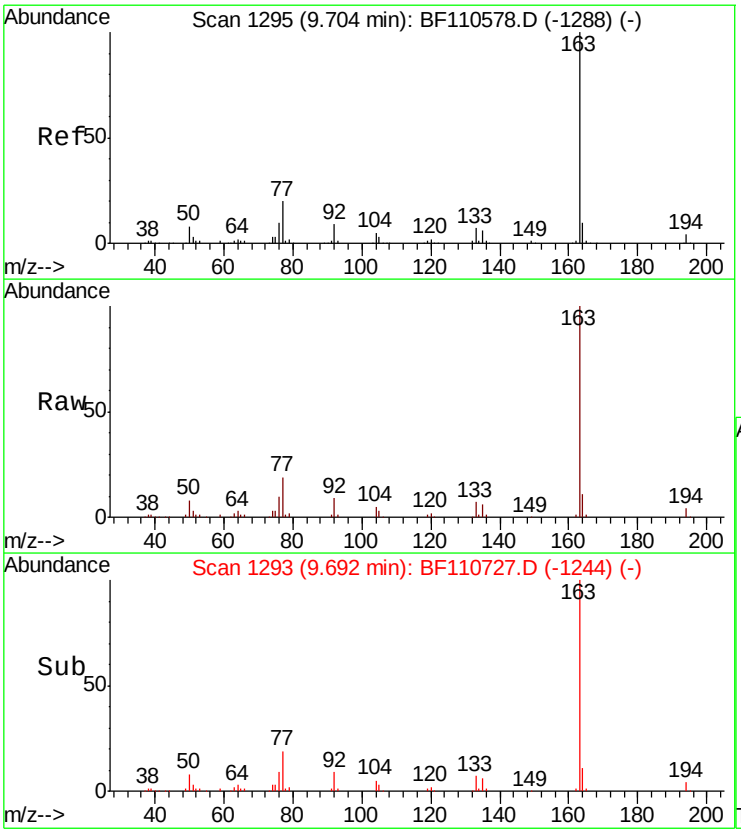
#45
2-Fluorobiphenyl
Concen: 76.111 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:172 Resp: 854344

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.7	29.5

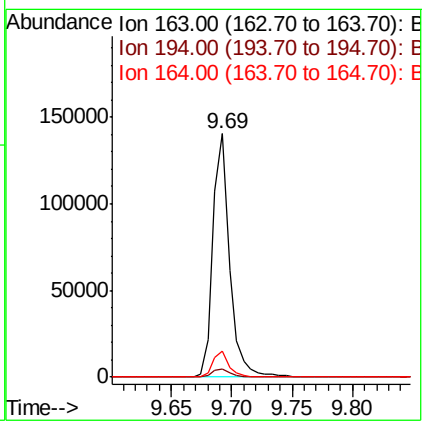


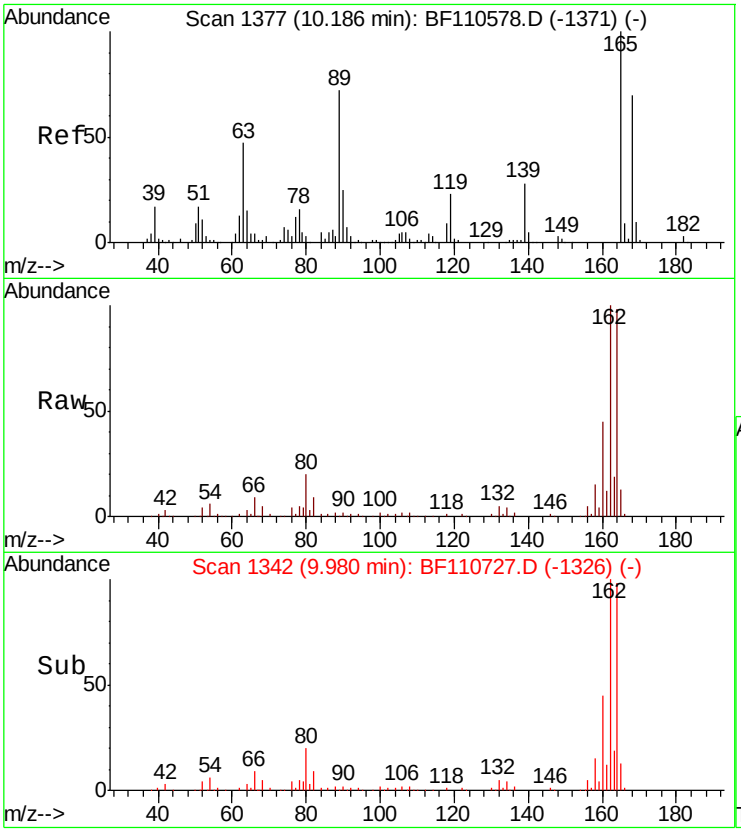


#50
Dimethylphthalate
Concen: 11.156 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:163 Resp: 133451

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.6	8.1	12.1



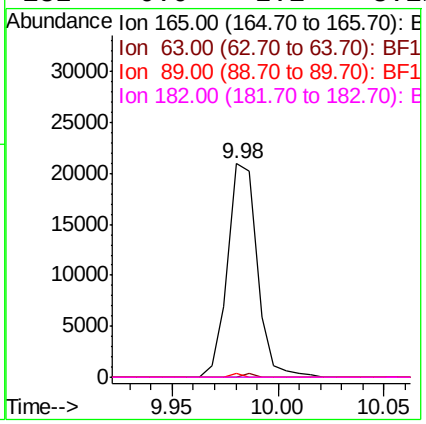


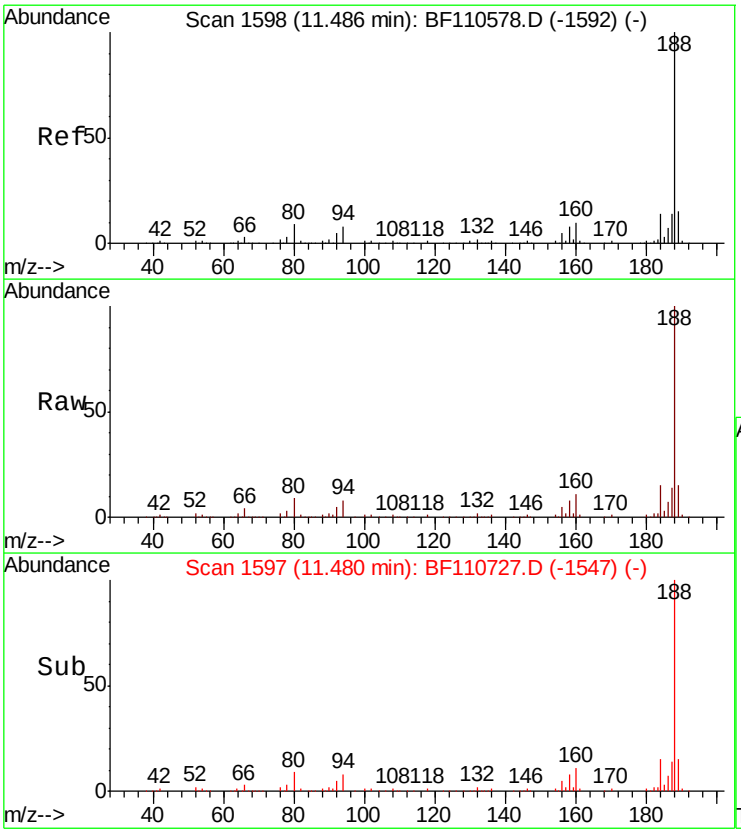
#57
2,4-Dinitrotoluene
Concen: 5.947 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:165 Resp: 20348

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

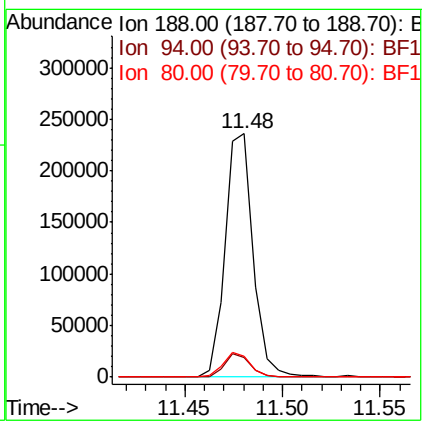


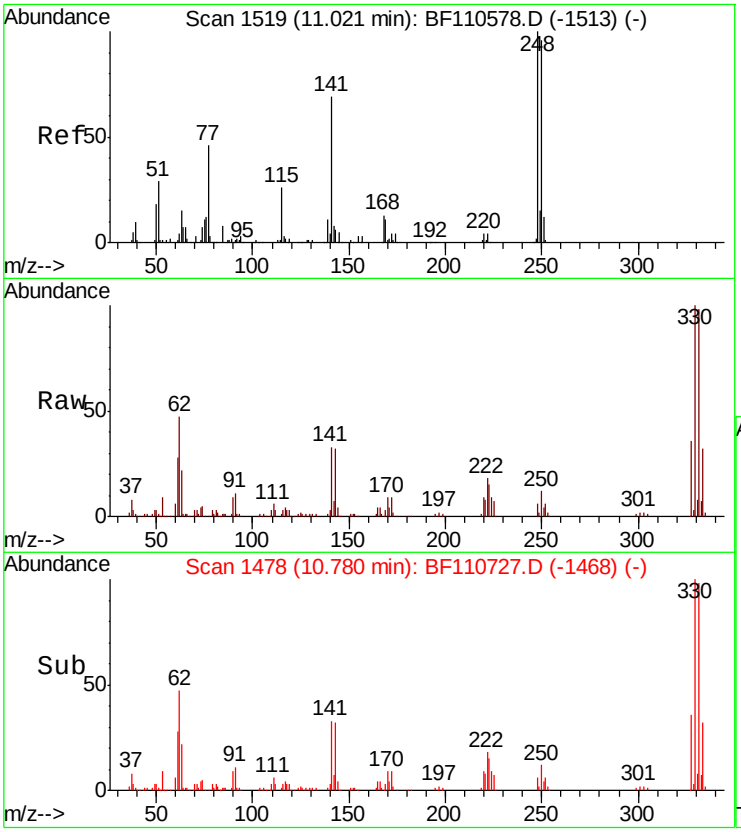


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:188 Resp: 234267

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.6	7.9	11.9



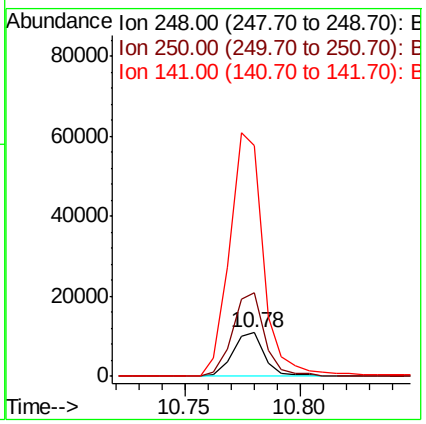


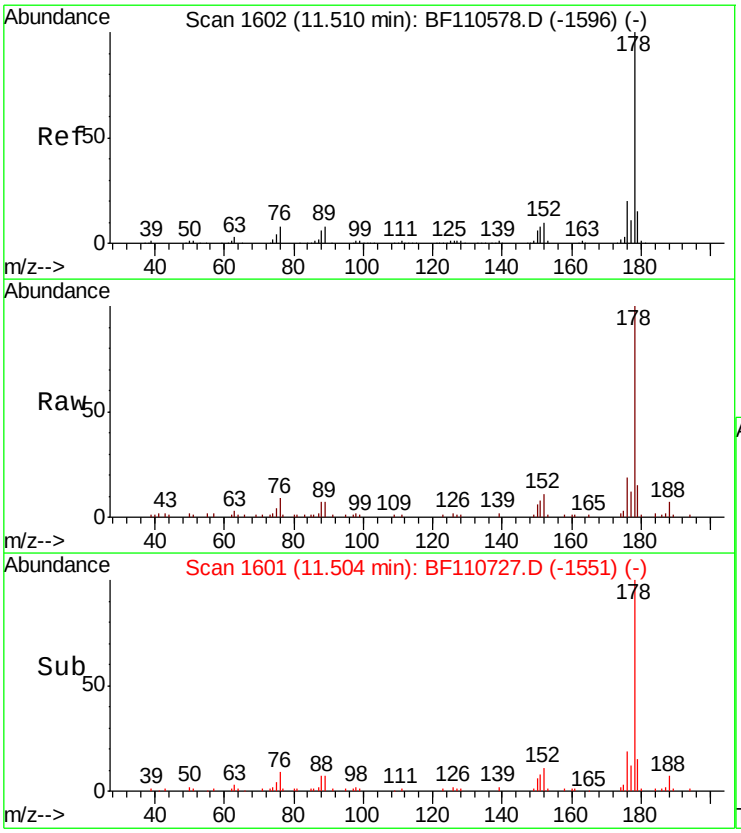
#67
4-Bromophenyl-phenylether
Concen: 4.025 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:248 Resp: 10422

Ion	Ratio	Lower	Upper
248	100		
250	190.5	79.4	119.2#
141	528.9	55.9	83.9#

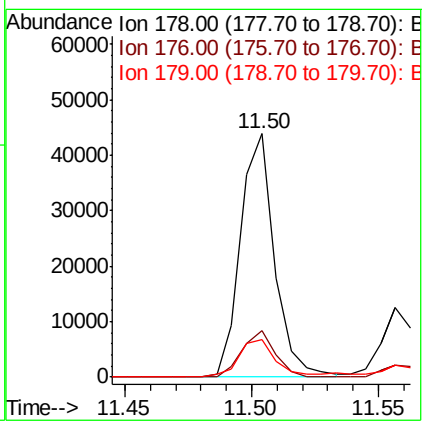


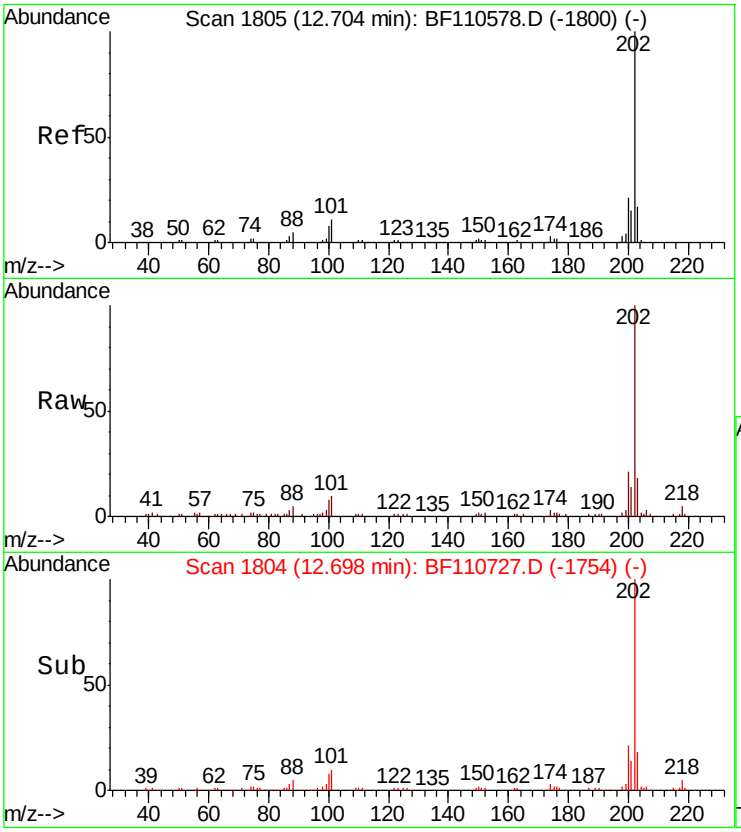


#71
Phenanthrene
Concen: 3.261 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:178 Resp: 40929

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.5	18.7



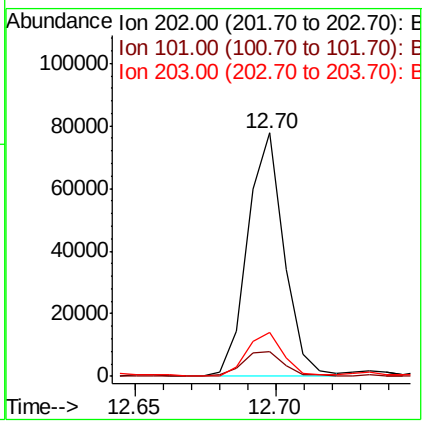


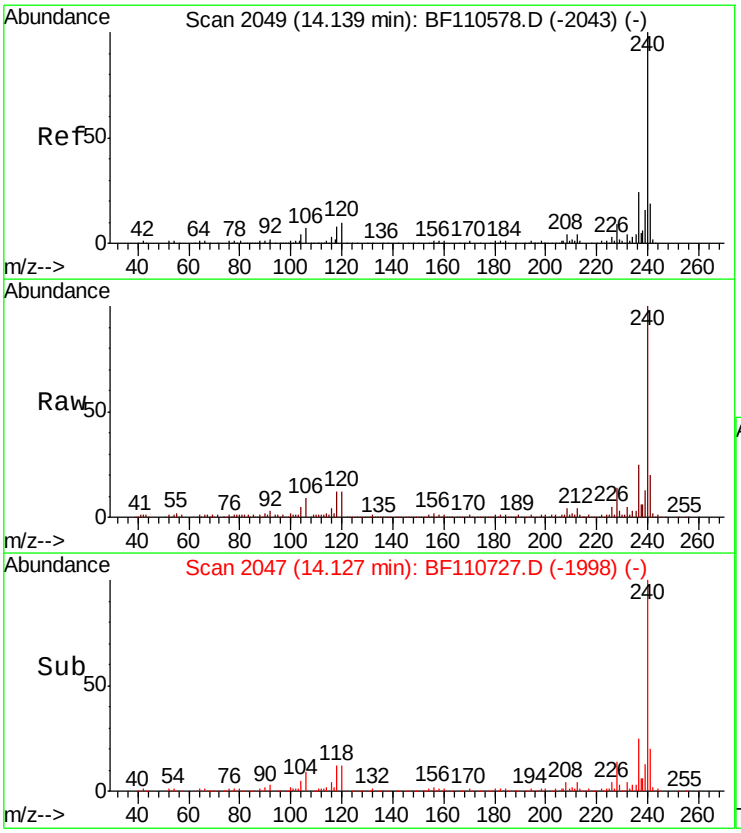
#75
Fluoranthene
Concen: 5.545 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:202 Resp: 69770

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	18.0	0.0	37.7

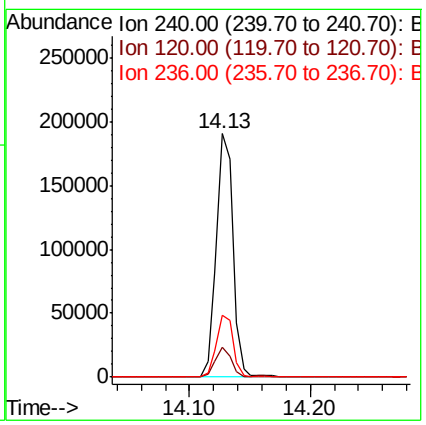


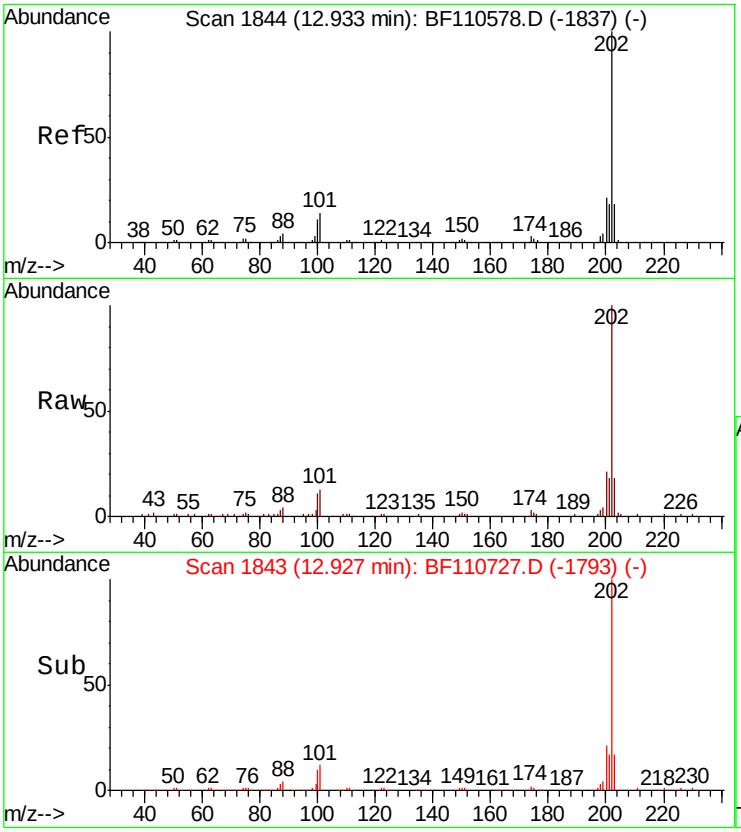


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:240 Resp: 180823

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	25.4	21.2	31.8



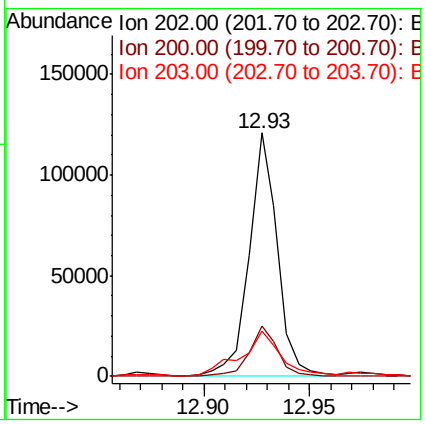


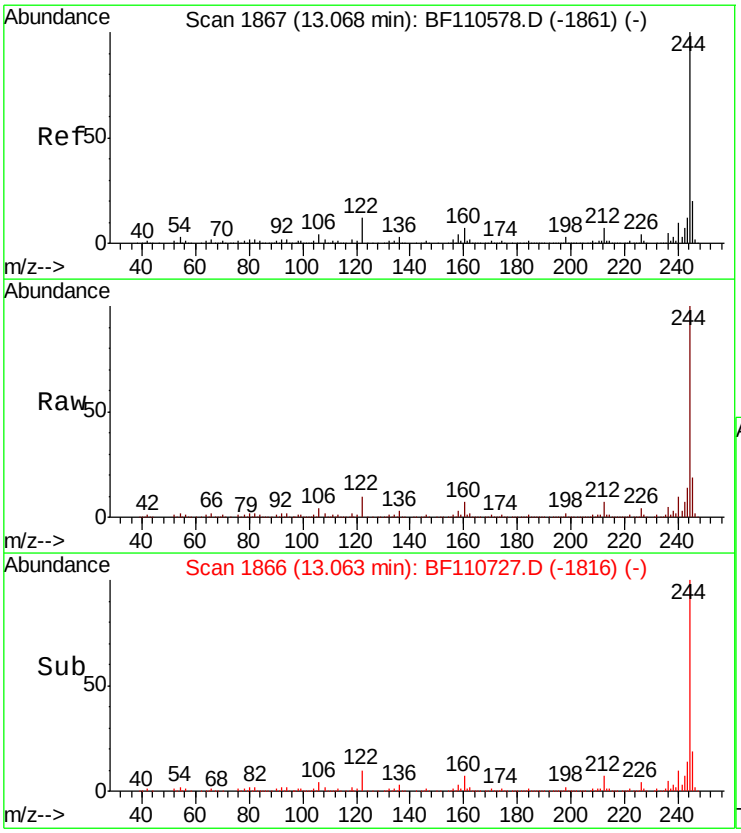
#78
Pyrene
Concen: 8.117 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:202 Resp: 113013

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.4	14.2	21.4

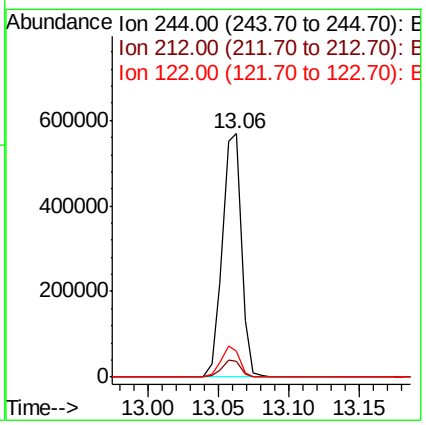


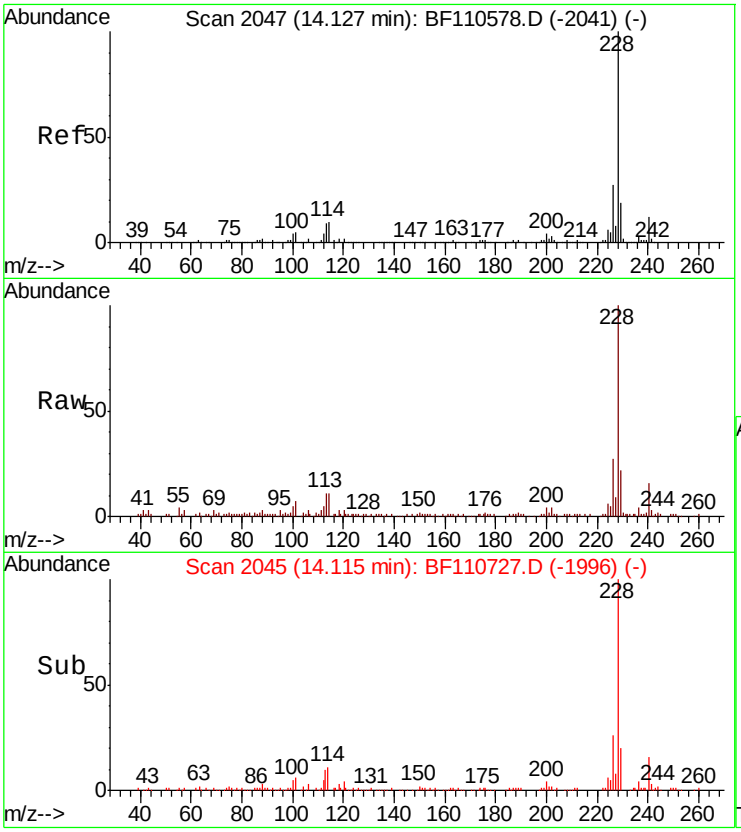


#79
Terphenyl-d14
Concen: 55.733 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:244 Resp: 538121

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	8.7	13.1



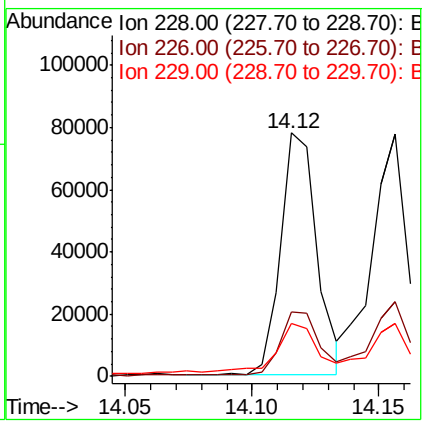


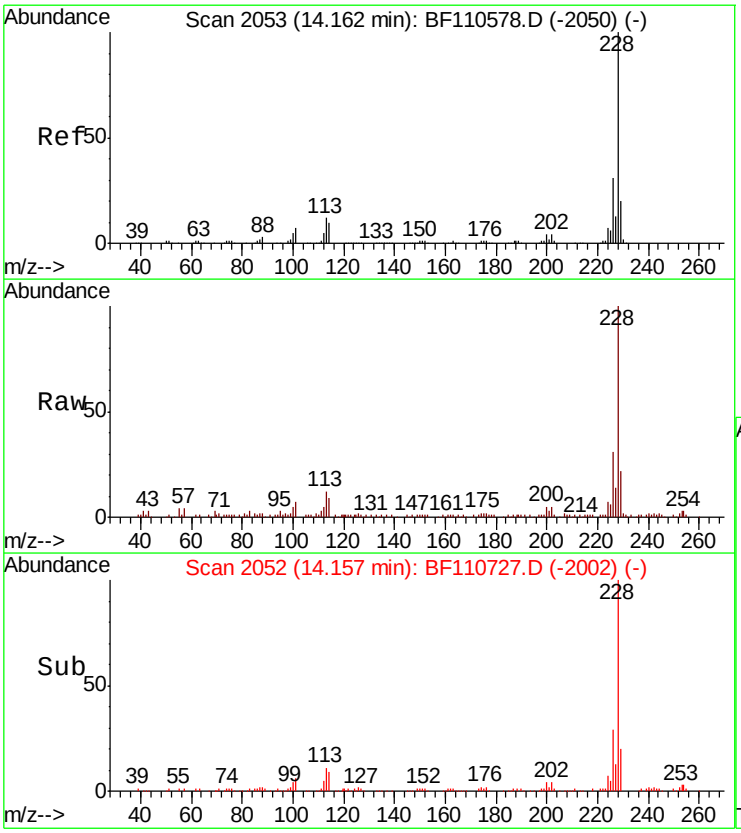
#81
Benzo(a)anthracene
Concen: 7.114 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:228 Resp: 76887

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.1	33.1
229	21.6	15.6	23.4

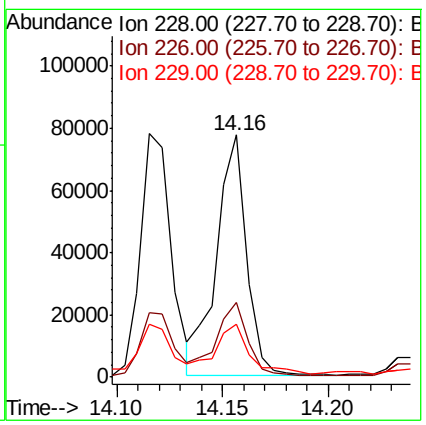


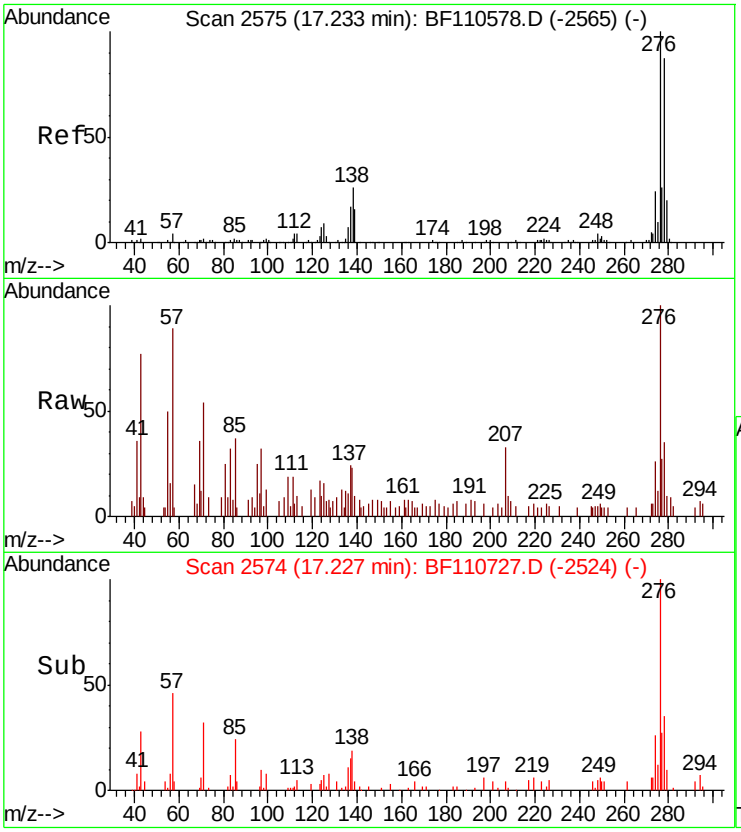


#83
Chrysene
Concen: 7.348 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:228 Resp: 75656

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.0	15.9	23.9



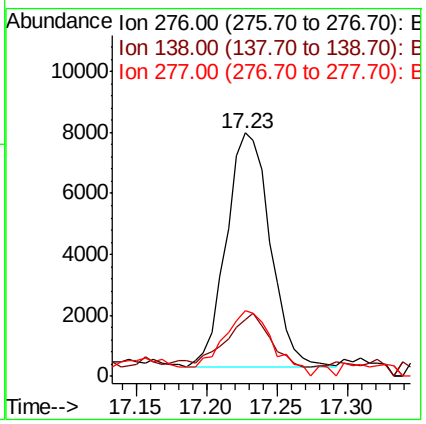


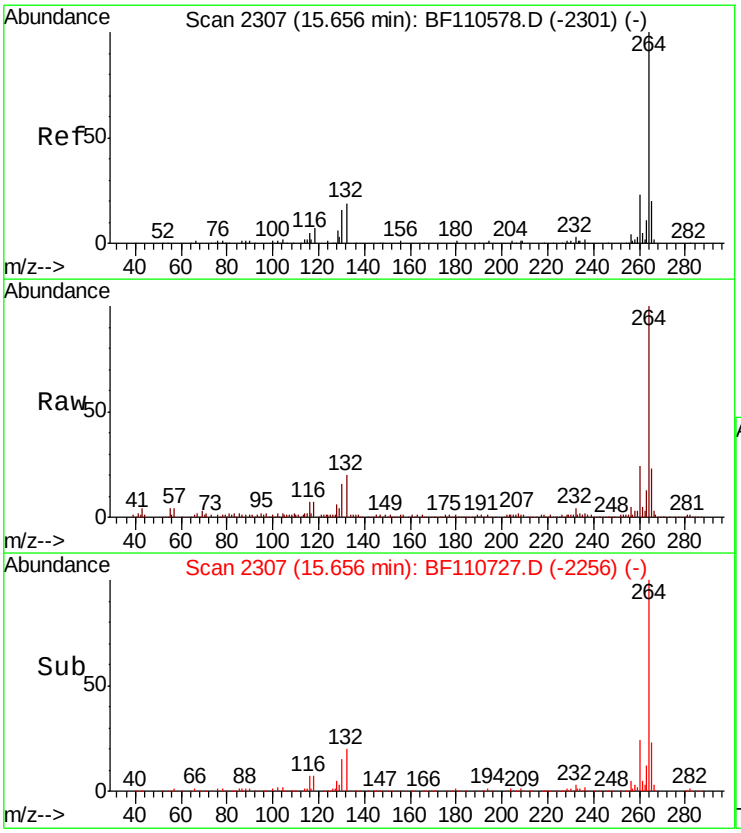
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.247 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:276 Resp: 16606

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	32.7	20.0	30.0#

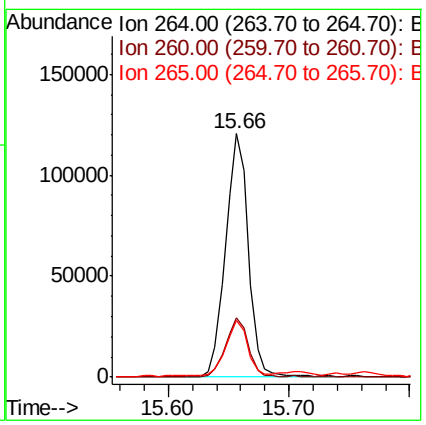


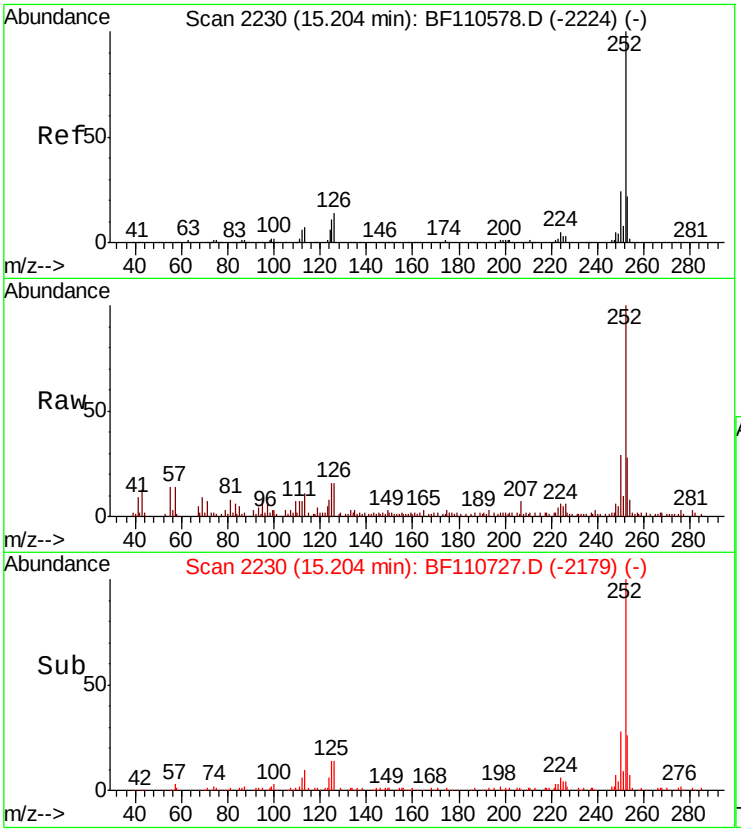


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:264 Resp: 158926

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	23.2	16.7	25.1



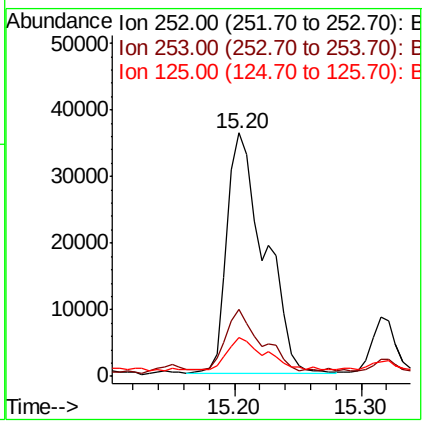


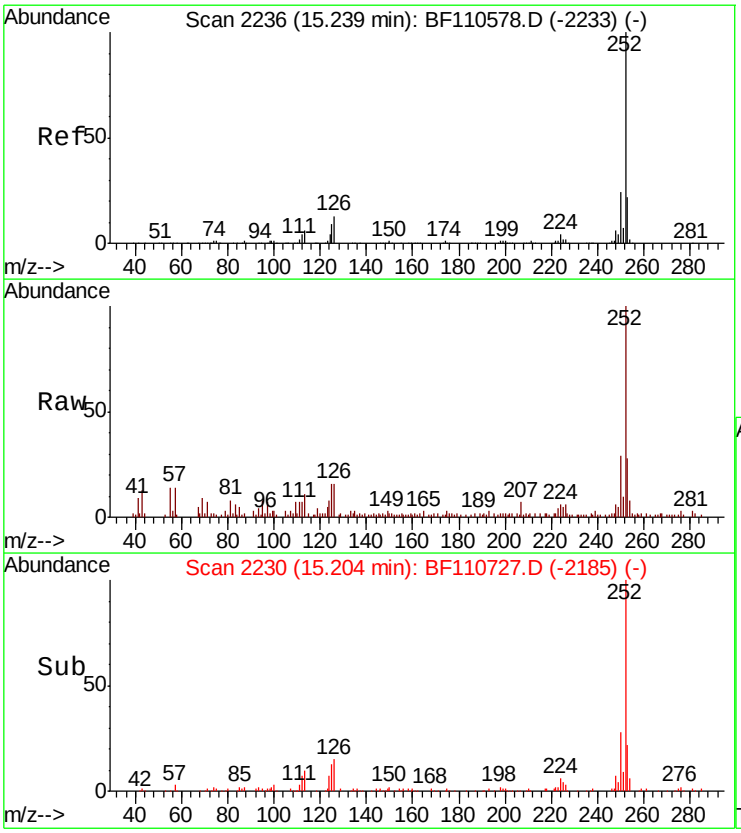
#88
Benzo(b)fluoranthene
Concen: 7.718 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:252 Resp: 73375

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	15.9	8.2	12.4#

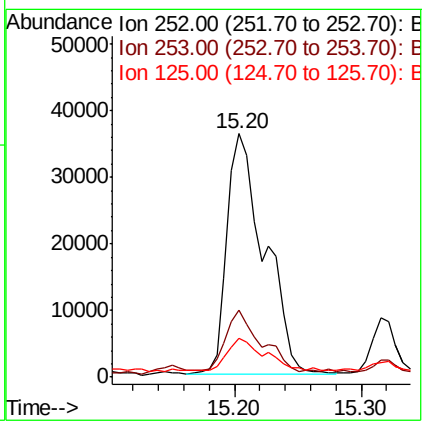


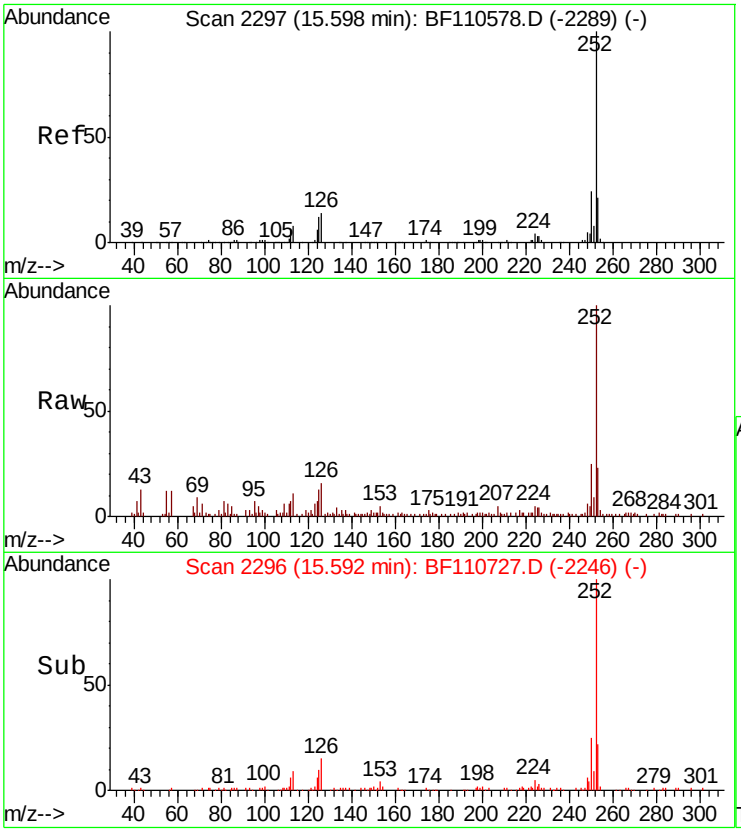


#89
Benzo(k)fluoranthene
Concen: 7.810 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:252 Resp: 73375

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.2	25.8#
125	15.9	7.4	11.0#



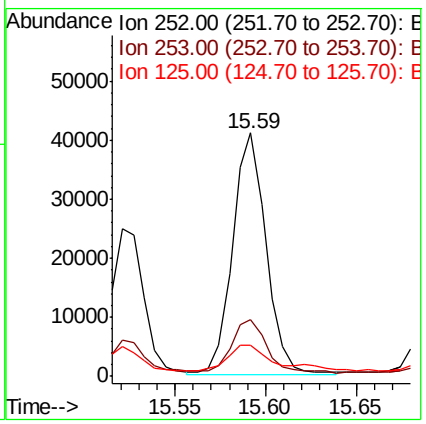


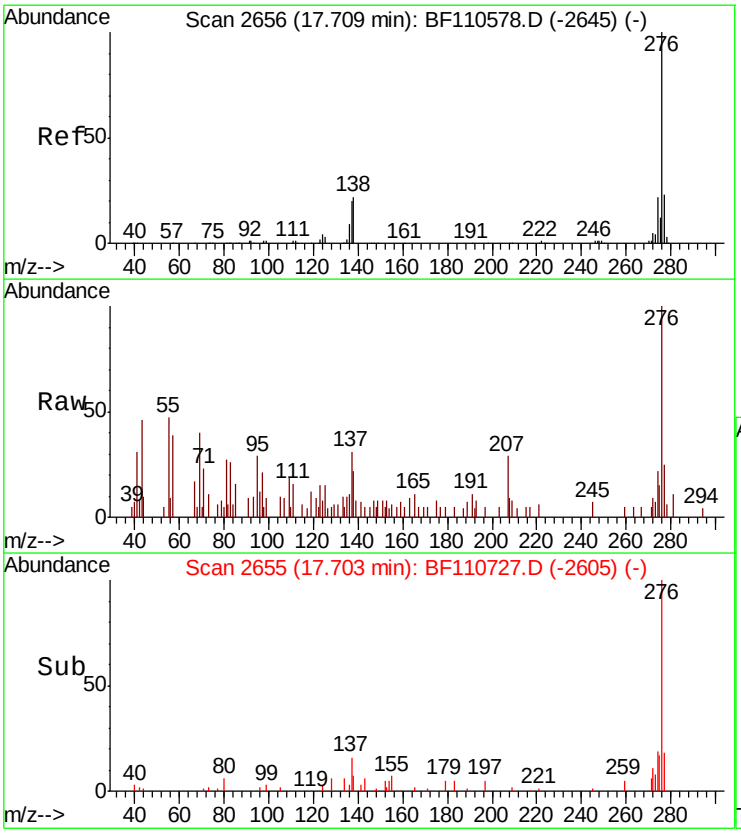
#90
Benzo(a)pyrene
Concen: 6.046 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Instrument :
BNA_F
ClientSampleId :
TP-5S

Tgt Ion:252 Resp: 52224

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.6	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 2.322 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110727.D
Acq: 13 Nov 2018 18:59

Tgt Ion:276 Resp: 16838

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	22.2	16.0	24.0