Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

Data File : BF100752.D
Acq On : 21 Nov 2017 1:14
Operator : SJ/JU
Sample : I6300-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-111717

Quant Time: Nov 21 03:33:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89758	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	339506	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	141735	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	220185	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	193566	20.00	ng		-0.01
86) Perylene-d12	15.51	264	161468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	441587	78.86	ng		0.00
7) Phenol-d6	6.50	99	525336	76.08	ng		-0.01
23) Nitrobenzene-d5	7.43	82	317803	61.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	109799	76.02	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	646985	69.51	ng		-0.01
78) Terphenyl-d14	12.98	244	465937	55.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	18390	2.54	ng		94
19) n-Nitroso-di-n-propylamine	7.43	70	40372	8.43	ng	#	80
25) Isophorone	7.43	82	317799	29.45	ng	#	64
47) 2-Nitroaniline	9.62	65	406	2.93	ng	#	1
49) Dimethylphthalate	9.62	163	58947	5.45	ng		97
50) 2,6-Dinitrotoluene	9.91	165	18203	8.50	ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	18203	6.74	ng	#	23
66) 4-Bromophenyl-phenylether	10.70	248	6505	2.76	ng	#	1
70) Phenanthrene	11.42	178	72882	6.29	ng		98
71) Anthracene	11.47	178	26254	2.23	ng		98
74) Fluoranthene	12.61	202	139152	11.33	ng		94
77) Pyrene	12.84	202	127380	9.23	ng		96
80) Benzo(a)anthracene	14.02	228	70972	6.09	ng		98
82) Chrysene	14.06	228	62779	5.56	ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	25075	2.75	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	93045	9.73	ng		98
88) Benzo(k)fluoranthene	15.07	252	93045	10.29	ng		98
89) Benzo(a)pyrene	15.44	252	46723	5.51	ng		96
91) Benzo(g,h,i)perylene	17.43	276	22348	3.29	ng		96

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

Quantitation Report (Not Reviewed)

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Acq On : 21 Nov 2017 1:14
Operator : SJ/JU
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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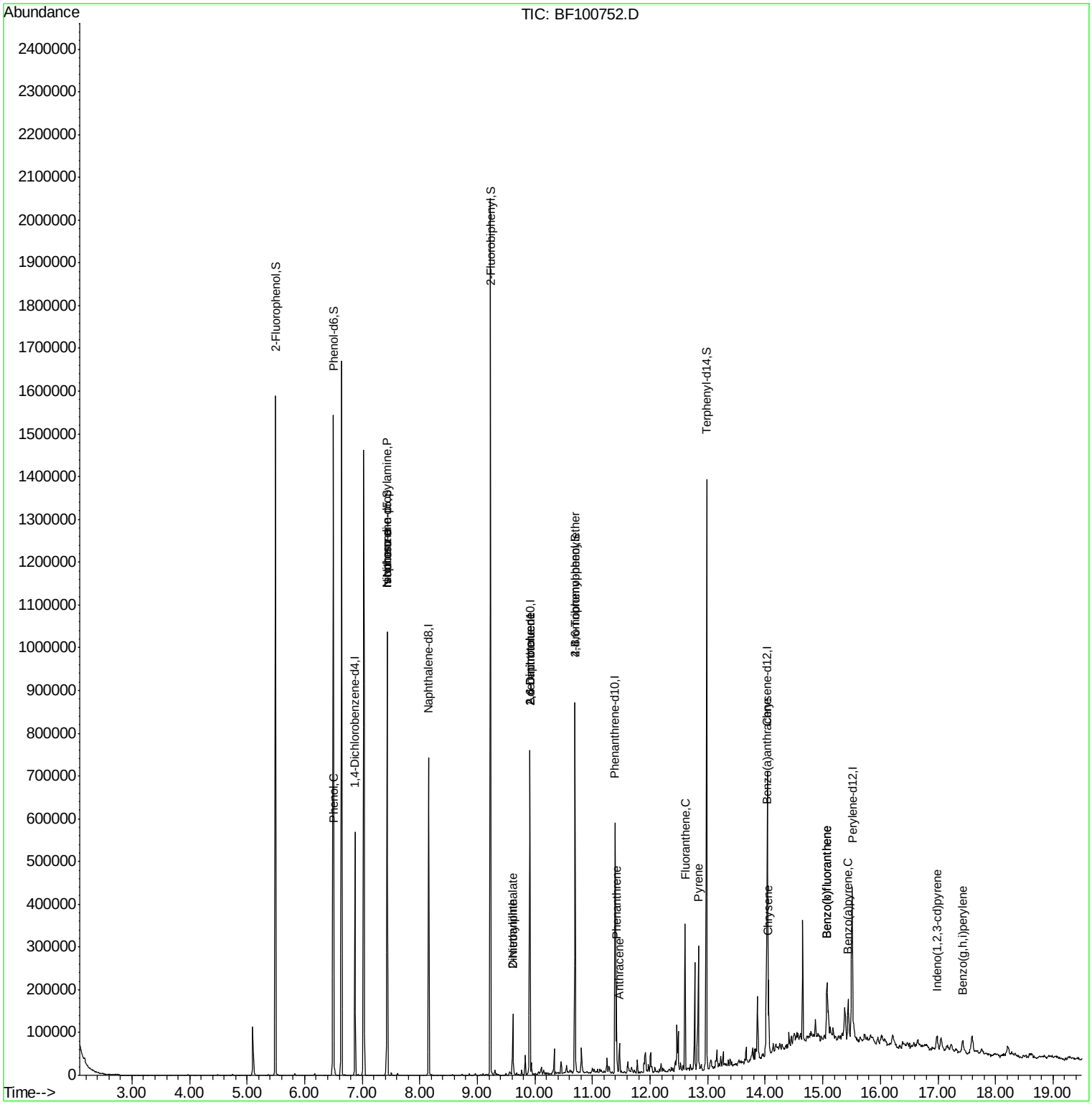
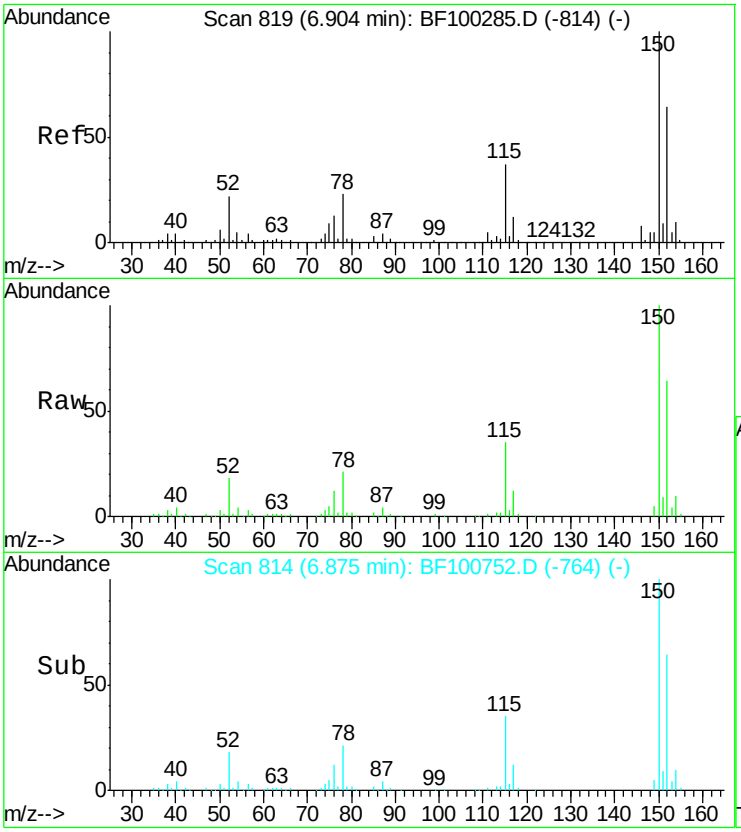


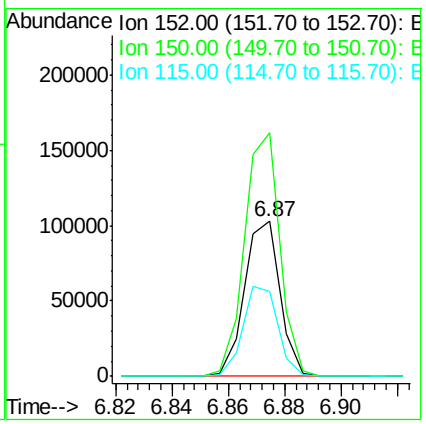


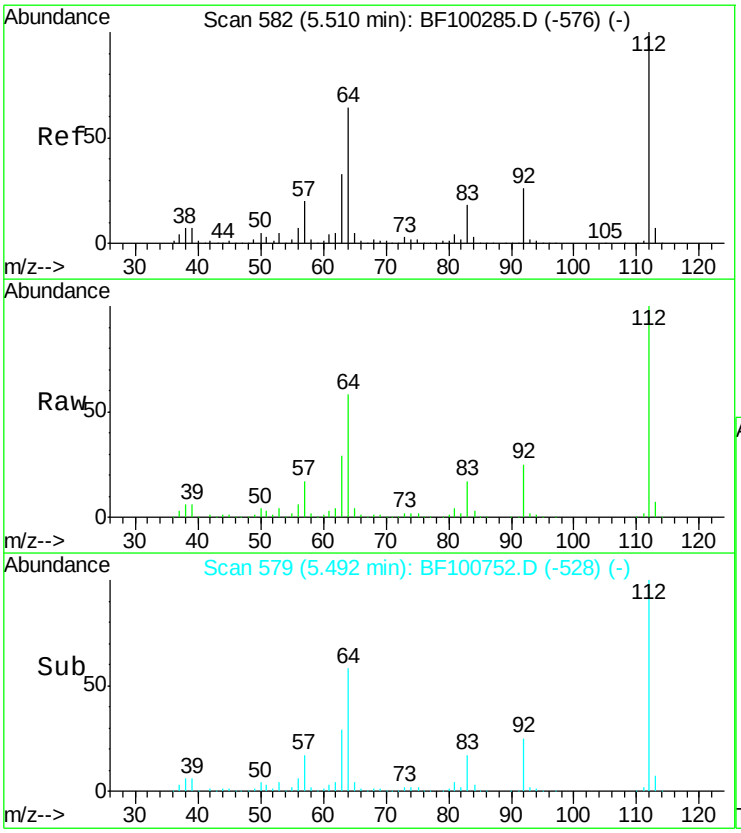
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:152 Resp: 89758

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	55.1	50.1	75.1

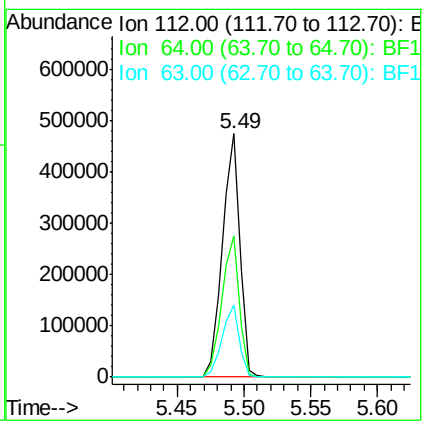


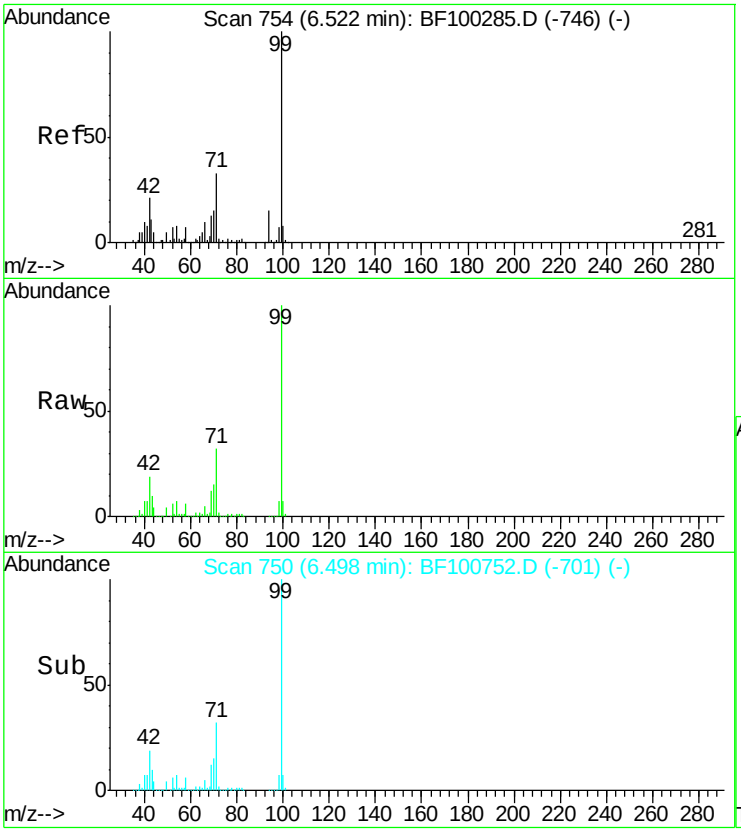


#5
2-Fluorophenol
Concen: 78.86 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:112 Resp: 441587

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.5	23.7	35.5



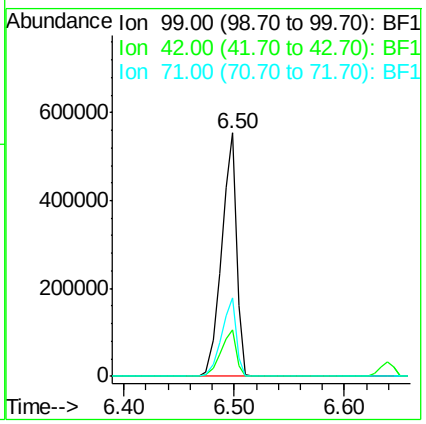


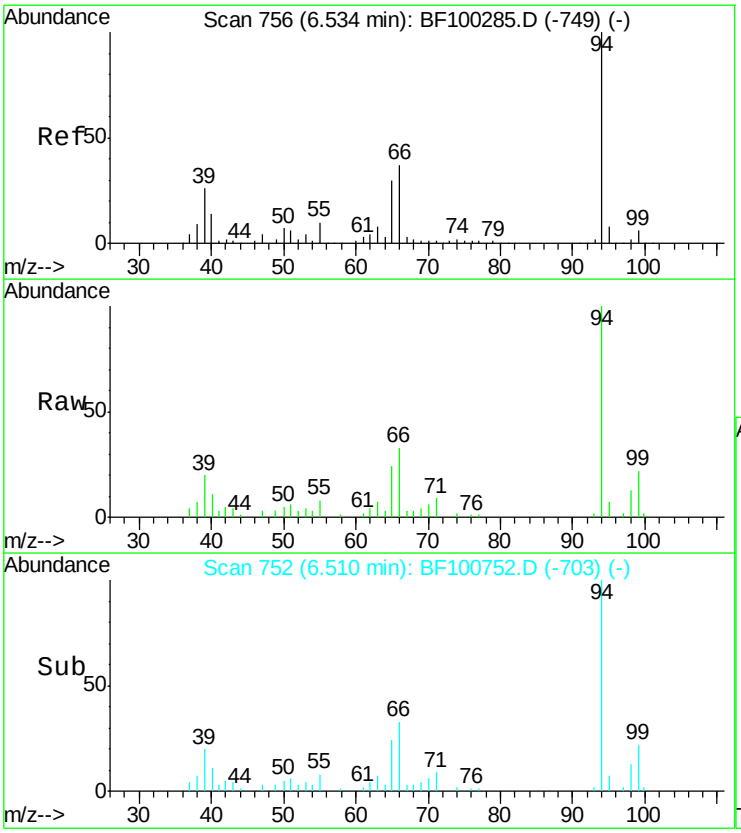
#7
Phenol-d6
Concen: 76.08 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion: 99 Resp: 525336

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.4	25.4	38.0

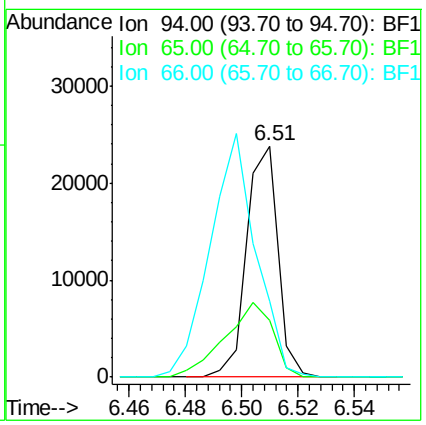


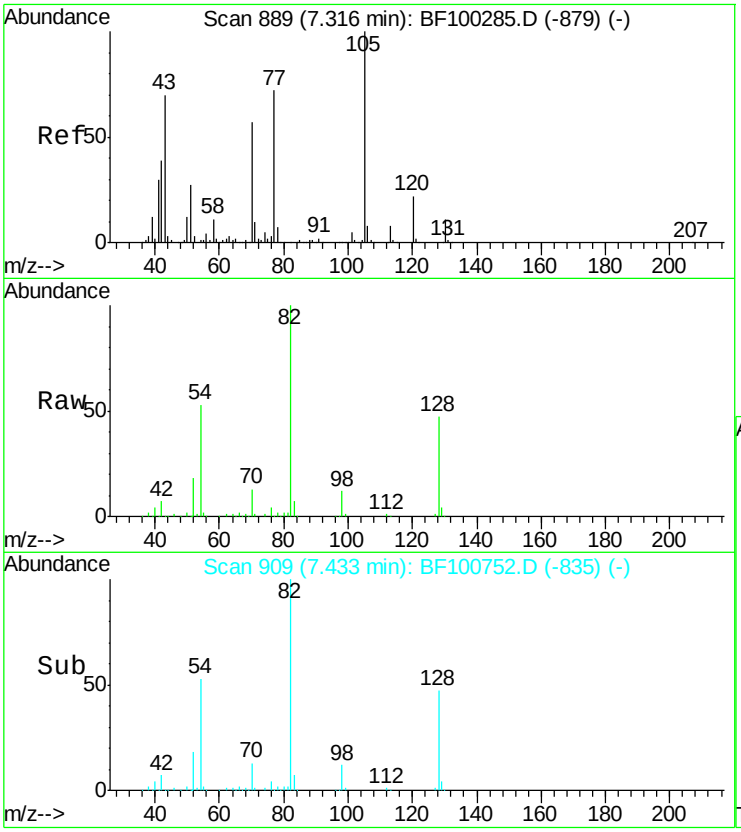


#10
Phenol
Concen: 2.54 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion: 94 Resp: 18390

Ion	Ratio	Lower	Upper
94	100		
65	24.5	7.9	47.9
66	32.8	16.2	56.2



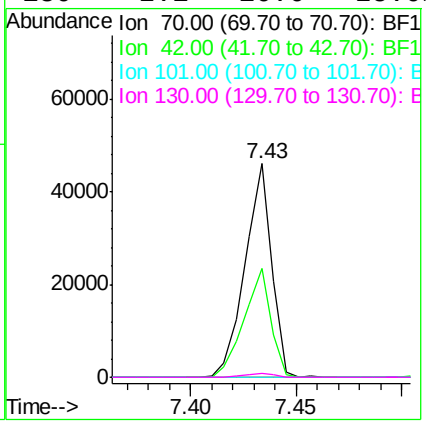


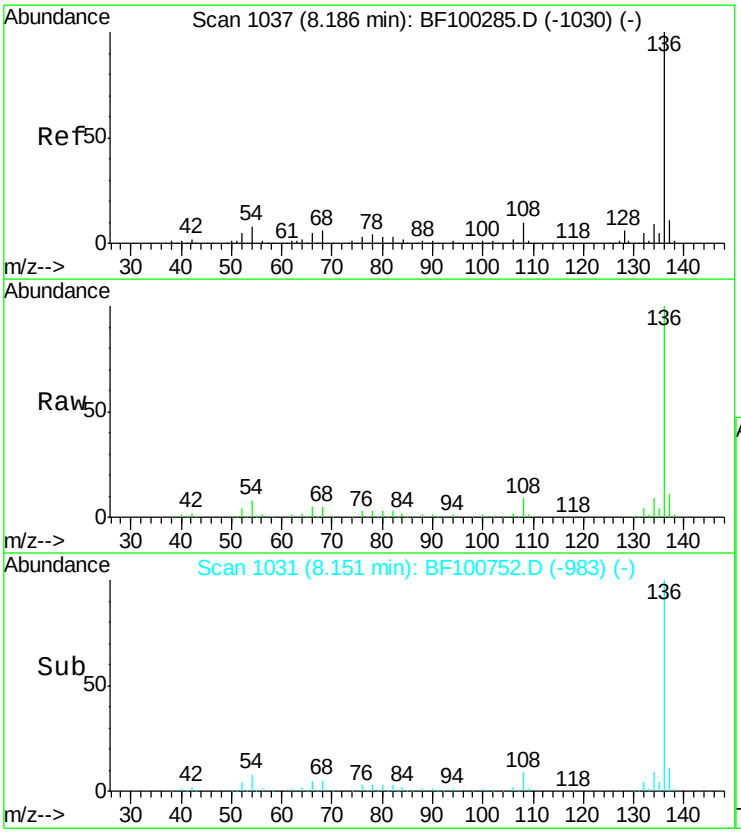
#19
n-Nitroso-di-n-propylamine
Concen: 8.43 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion: 70 Resp: 40372

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

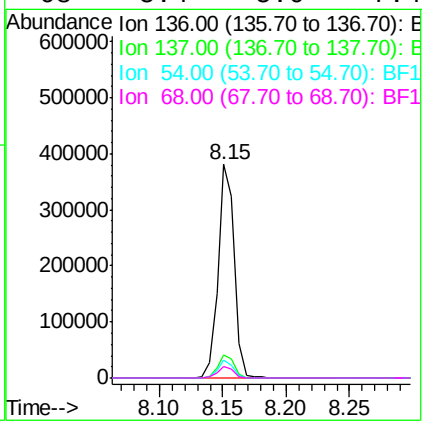


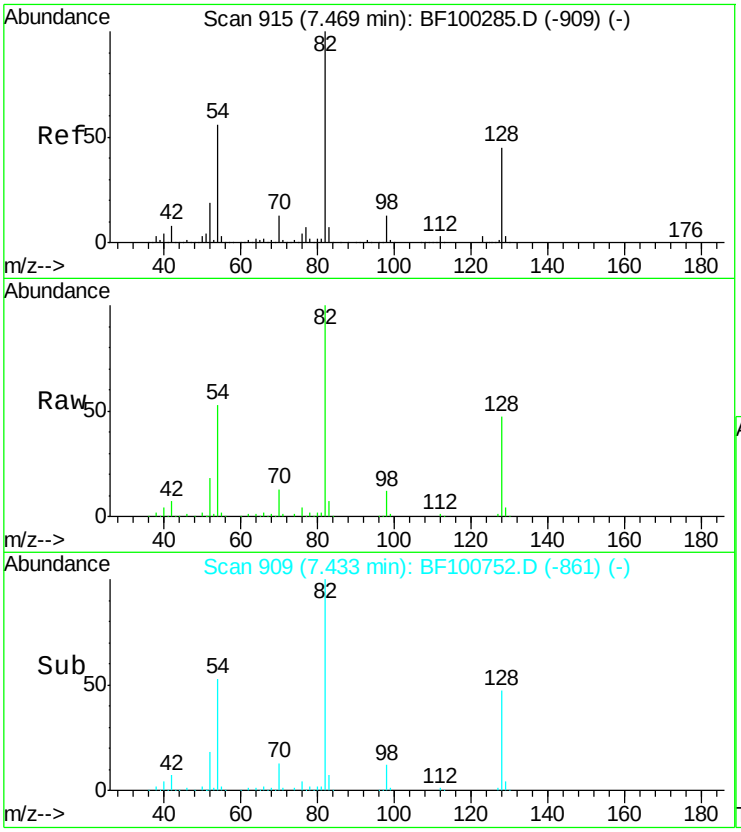


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:136 Resp: 339506

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	5.4	5.0	7.4



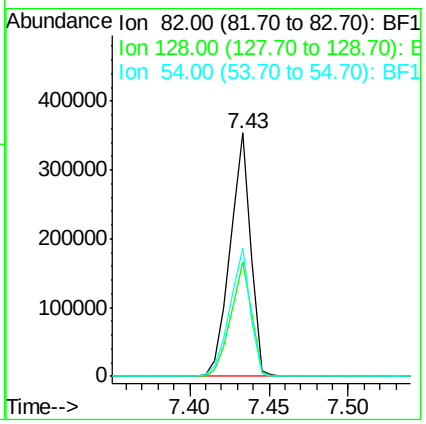


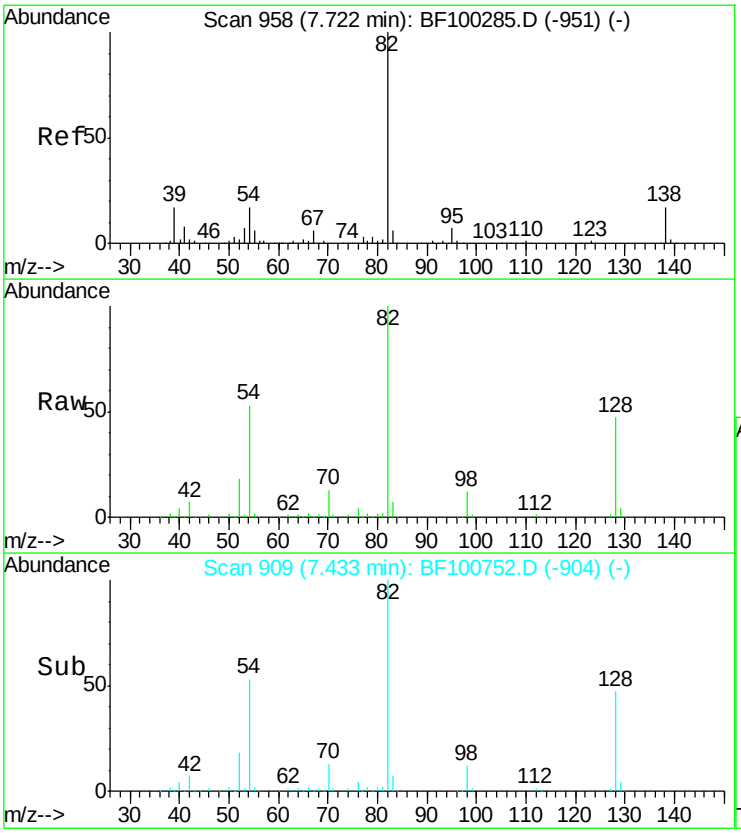
#23
Nitrobenzene-d5
Concen: 61.89 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion: 82 Resp: 317803

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	52.8	41.4	62.2

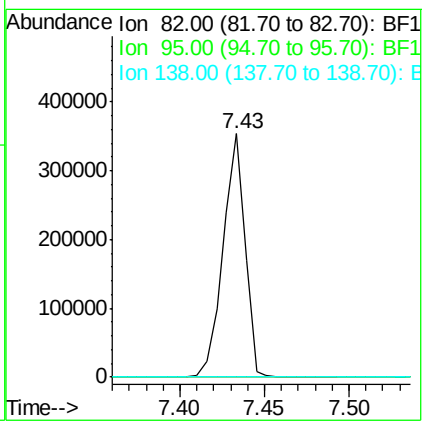


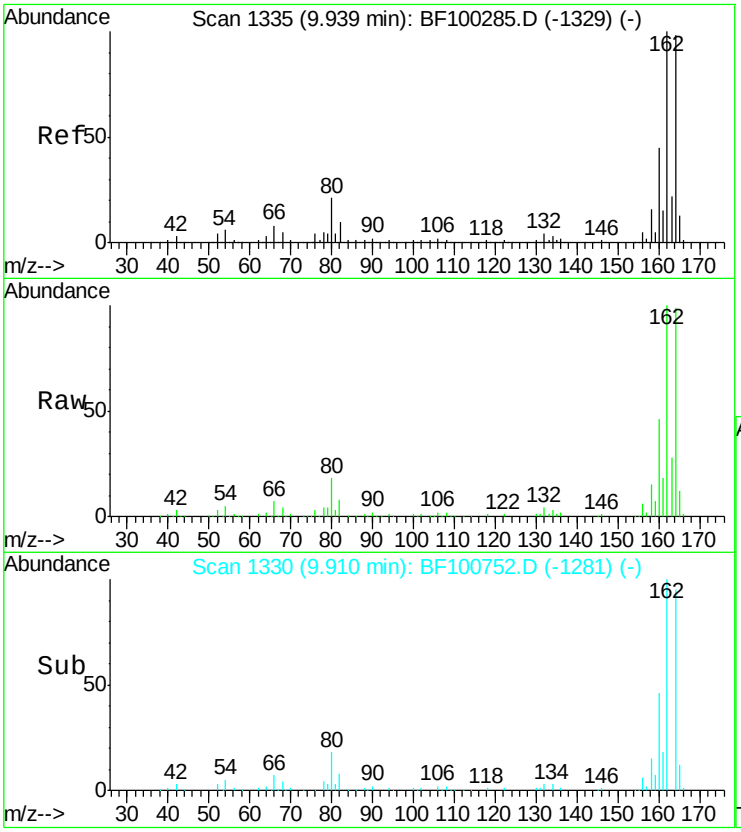


#25
Isophorone
Concen: 29.45 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion: 82 Resp: 317799

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



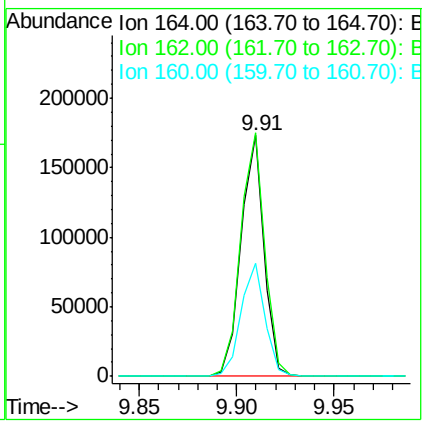


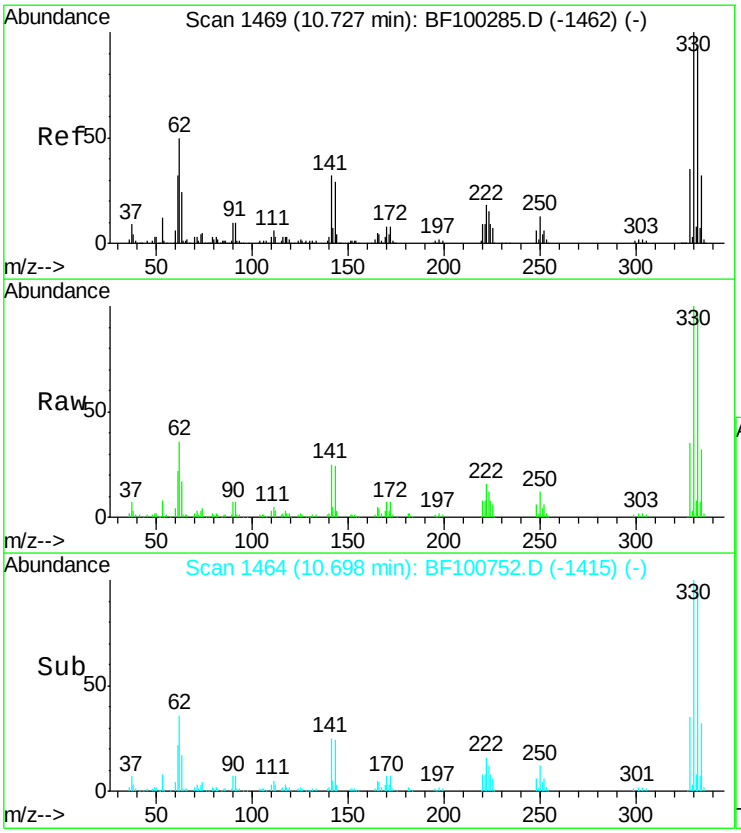
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:164 Resp: 141735

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.8	38.3	57.5

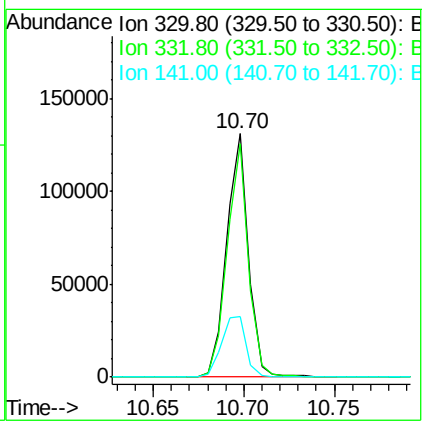


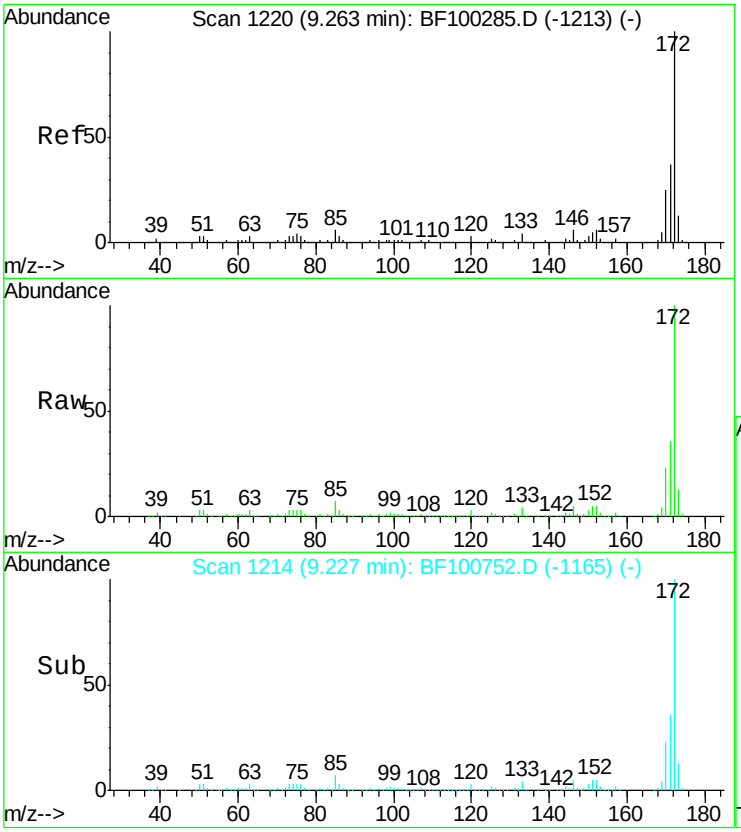


#41
2,4,6-Tribromophenol
Concen: 76.02 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:330 Resp: 109799

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	28.5	29.9	44.9#



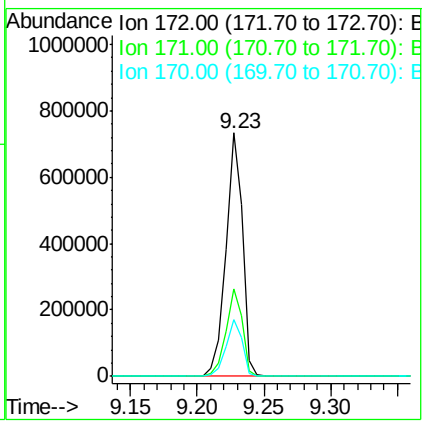


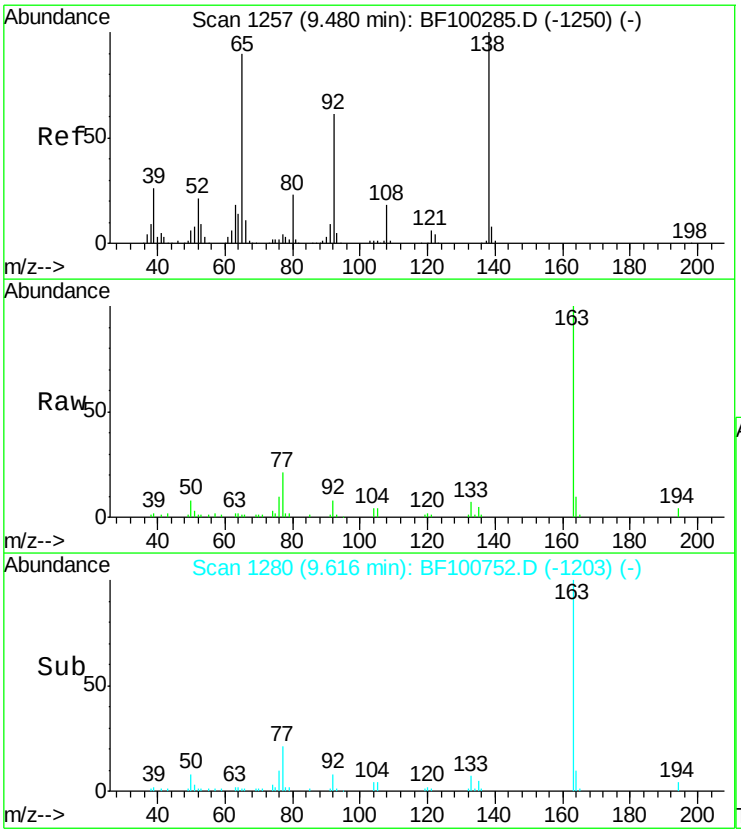
#44
2-Fluorobiphenyl
Concen: 69.51 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:172 Resp: 646985

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4

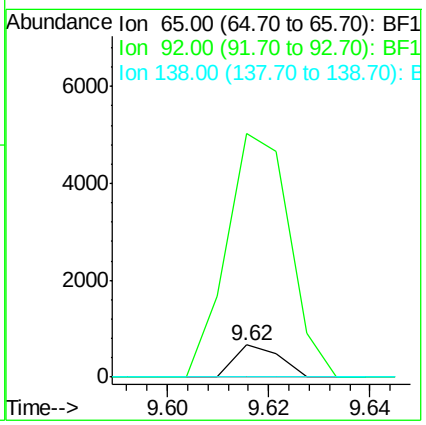


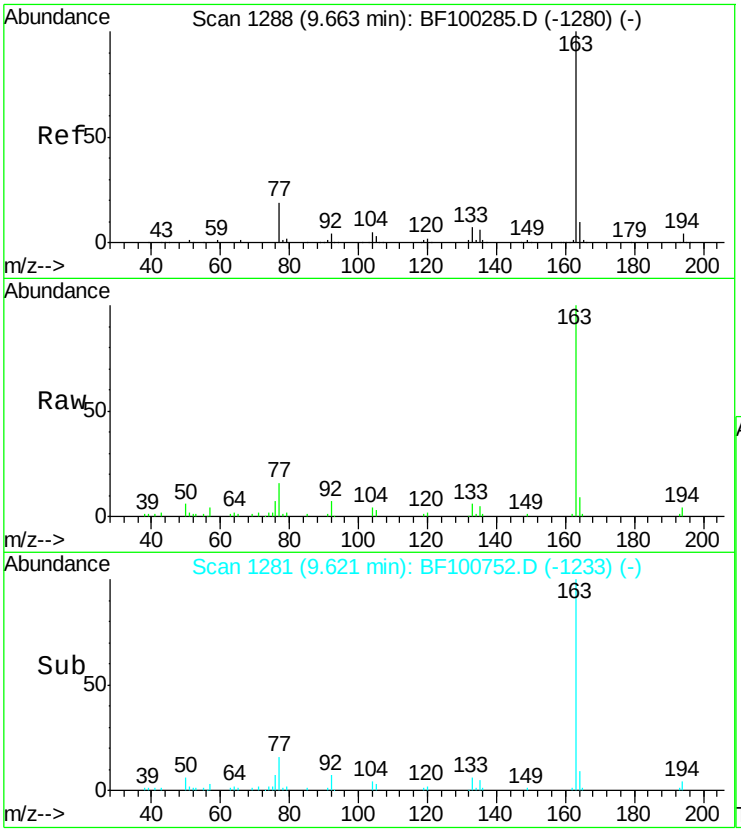


#47
2-Nitroaniline
Concen: 2.93 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion: 65 Resp: 406

Ion	Ratio	Lower	Upper
65	100		
92	755.0	55.8	83.6#
138	0.0	91.2	136.8#



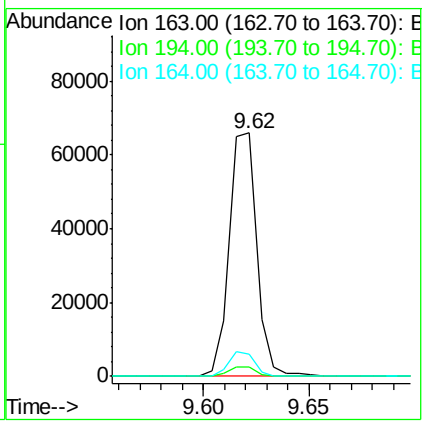


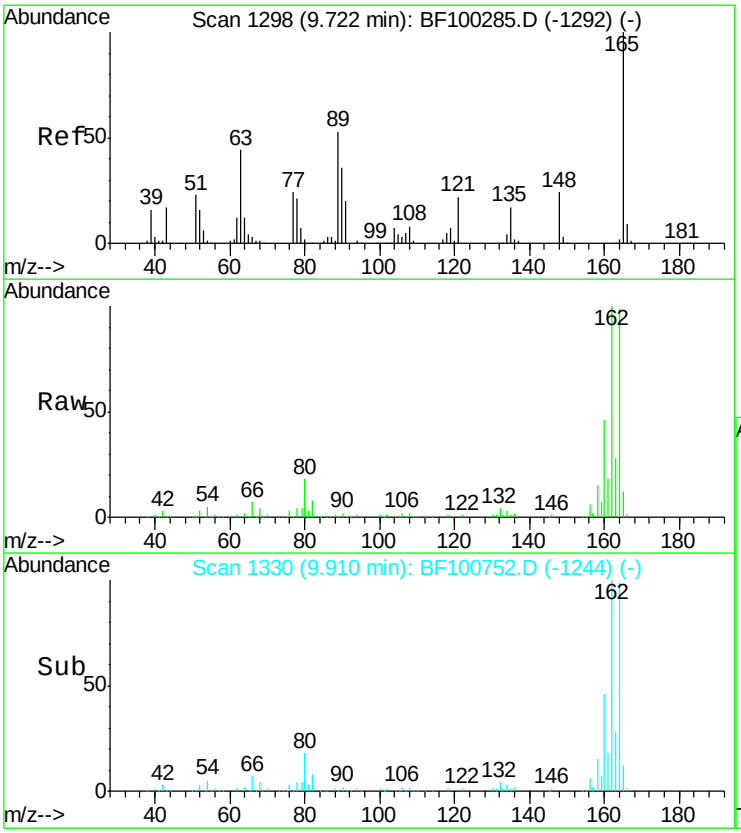
#49
Dimethylphthalate
Concen: 5.45 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:163 Resp: 58947

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	8.9	8.2	12.2

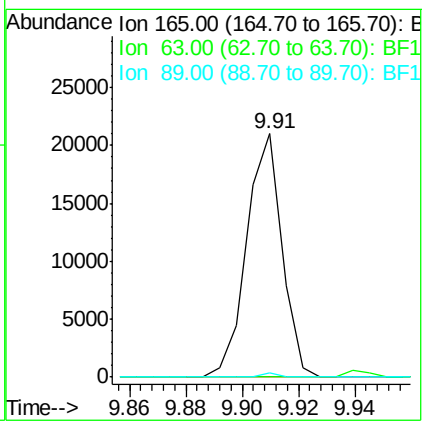


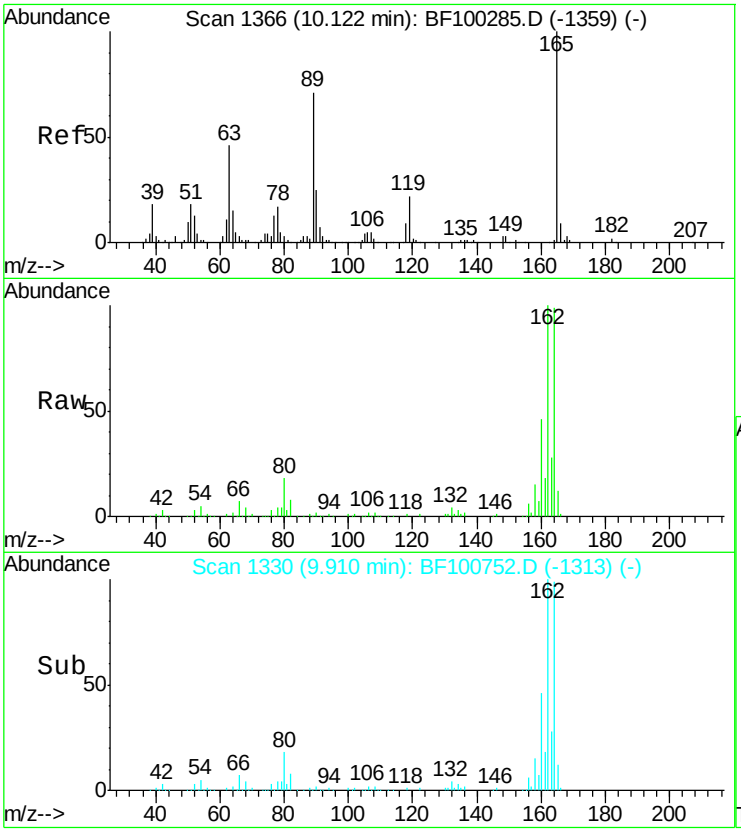


#50
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:165 Resp: 18203

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



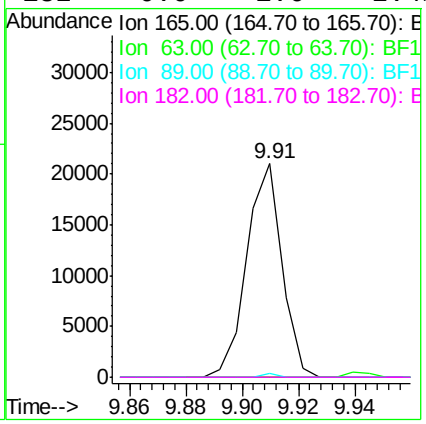


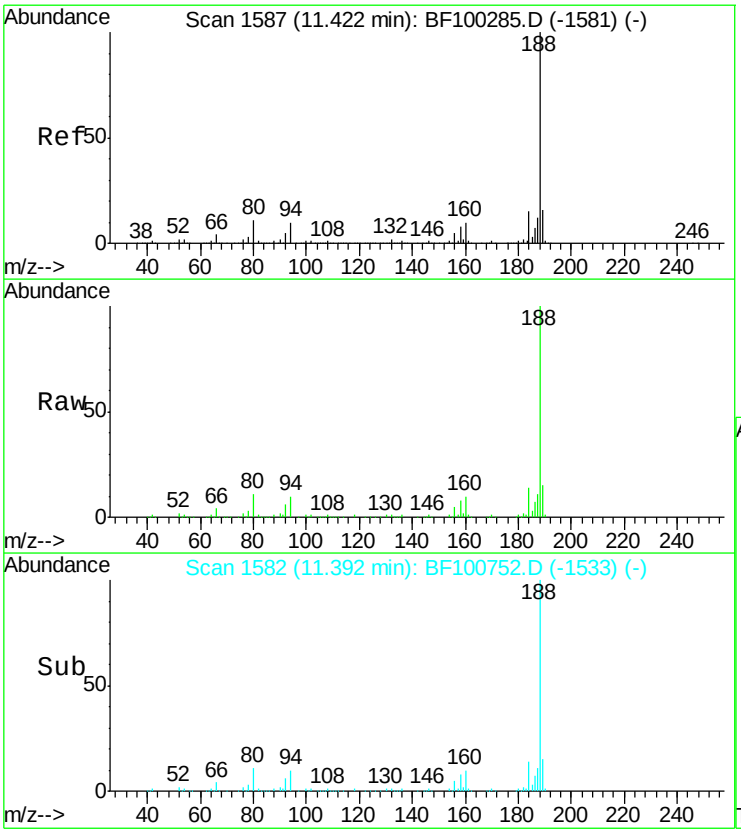
#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:165 Resp: 18203

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

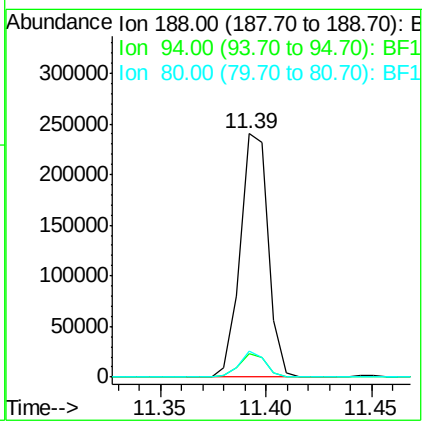


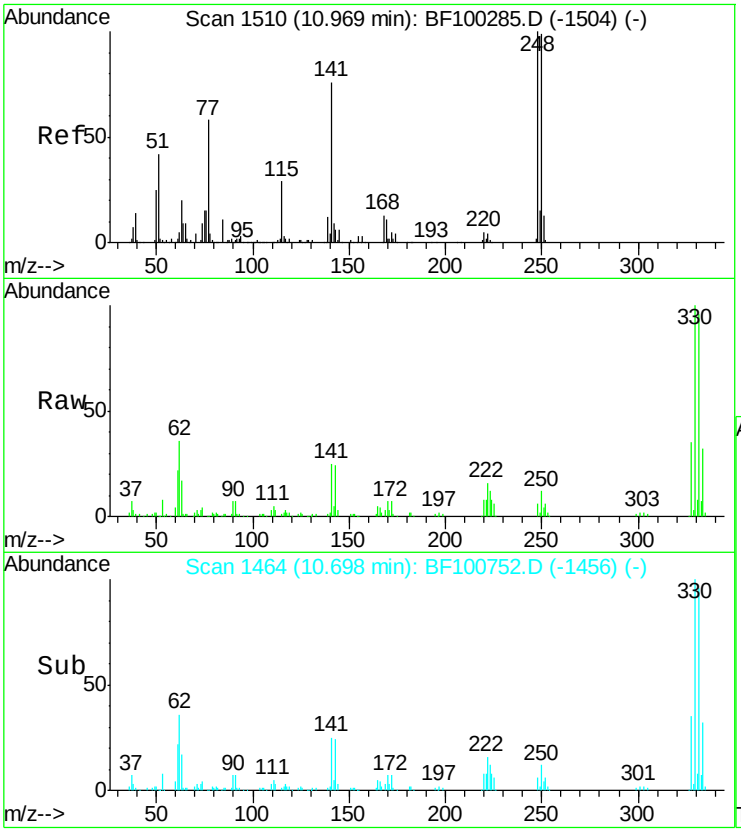


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:188 Resp: 220185

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8



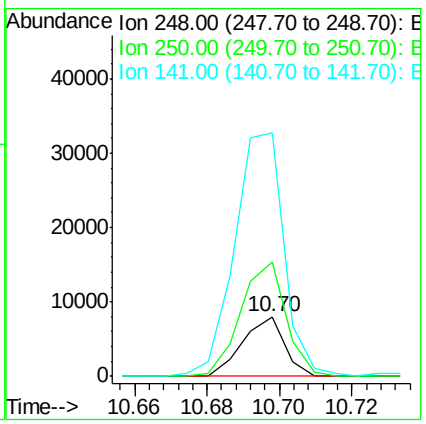


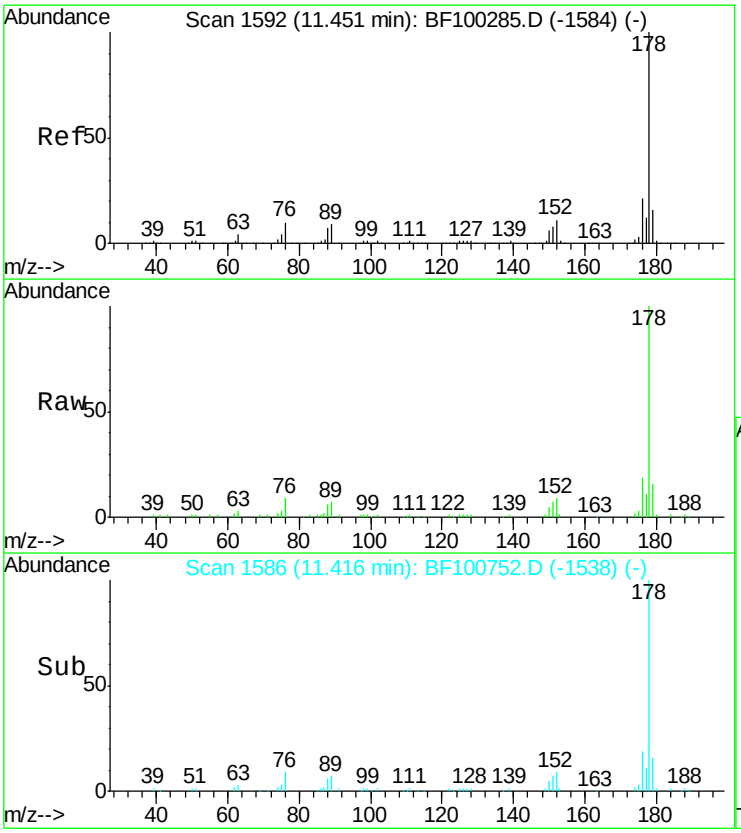
#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:248 Resp: 6505

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	407.3	74.4	111.6#

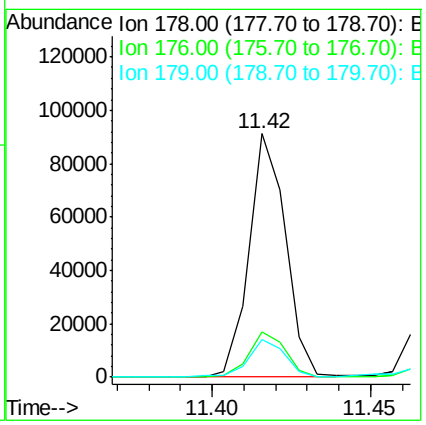


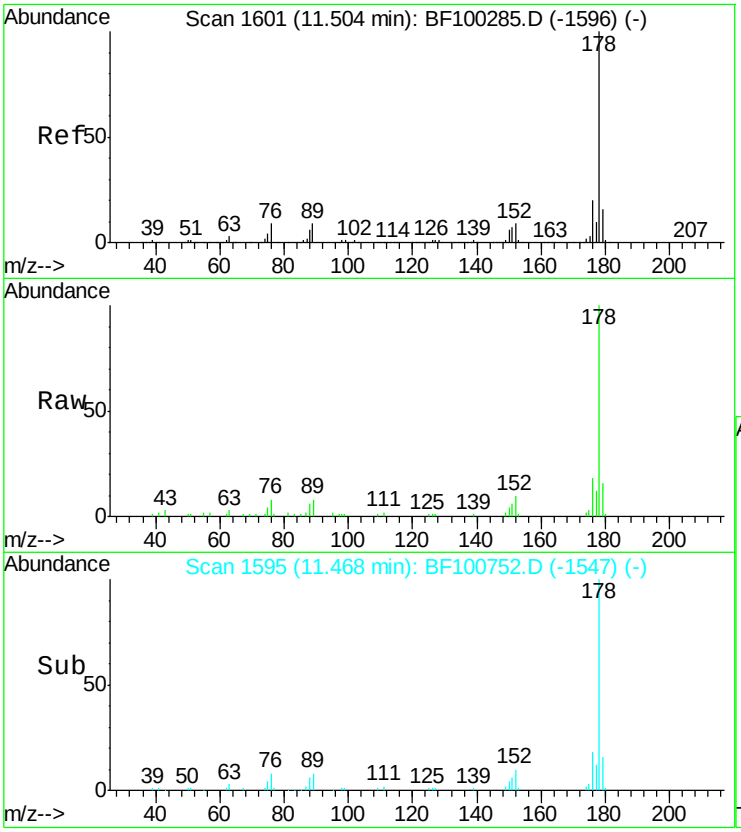


#70
Phenanthrene
Concen: 6.29 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:178 Resp: 72882

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.7	13.0	19.6



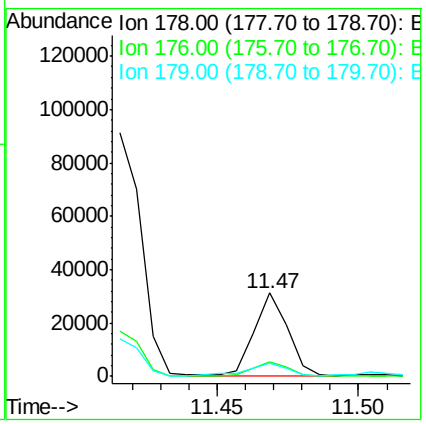


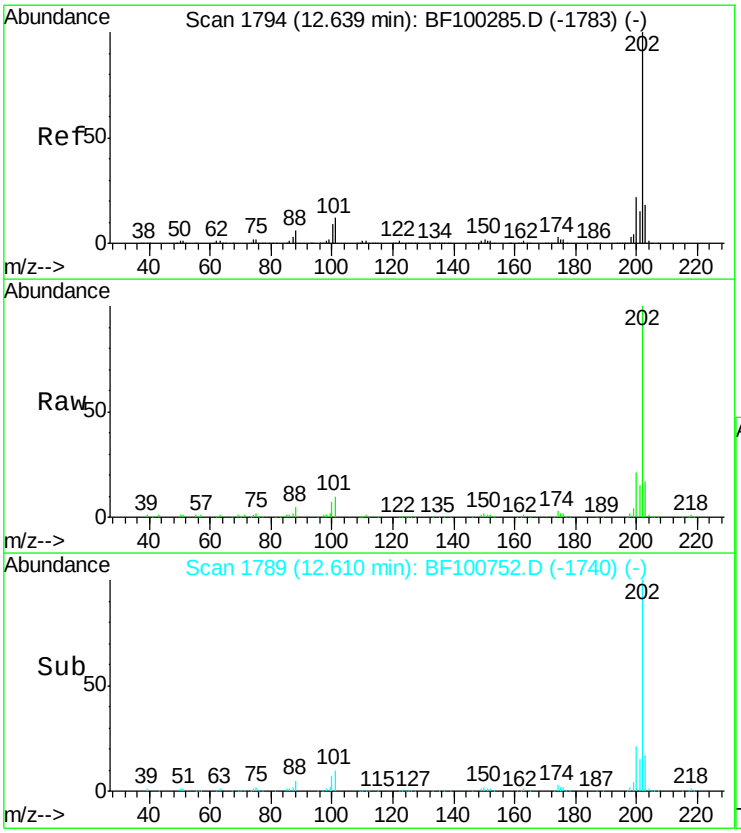
#71
Anthracene
Concen: 2.23 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:178 Resp: 26254

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.6	12.6	19.0

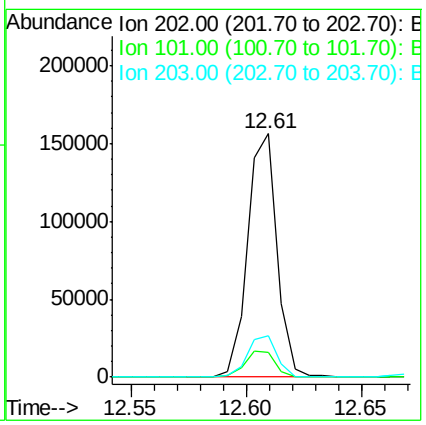


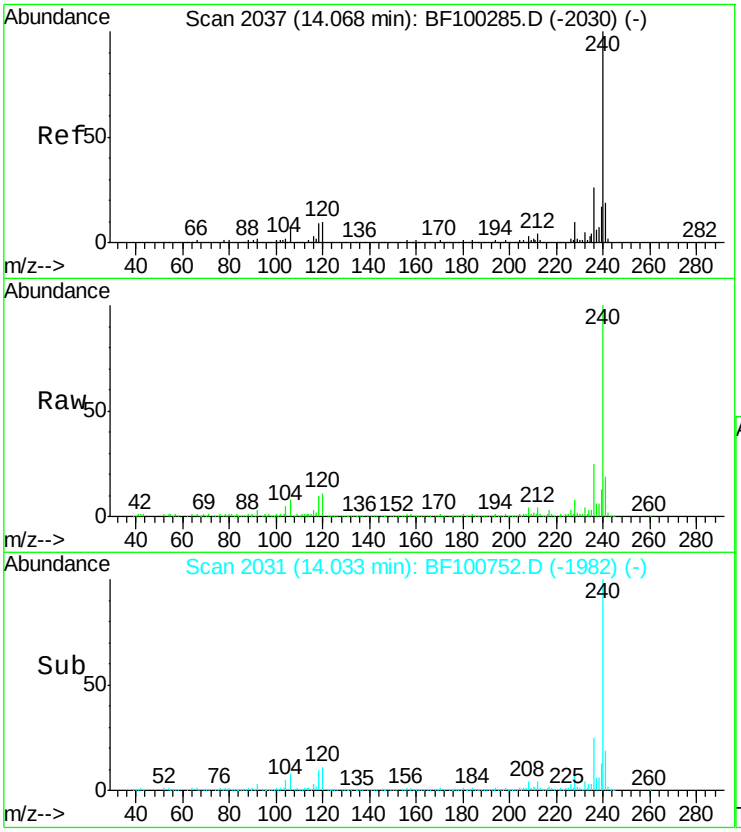


#74
Fluoranthene
Concen: 11.33 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:202 Resp: 139152

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	16.8	0.0	38.1



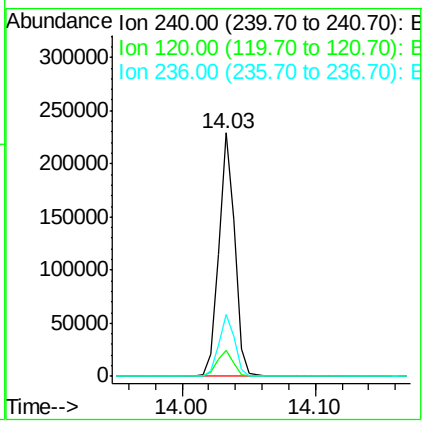


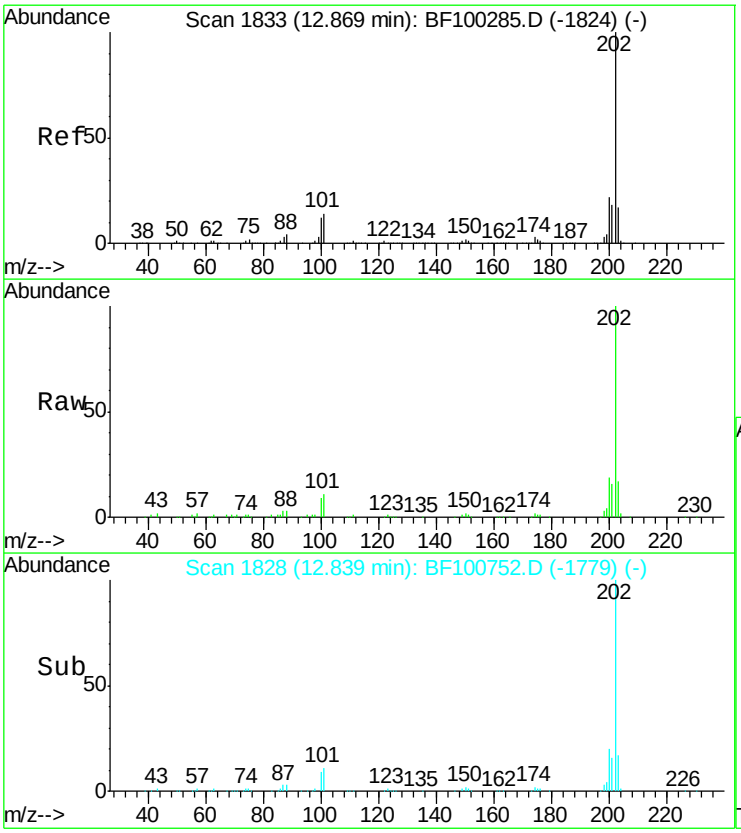
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:240 Resp: 193566

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.2	20.7	31.1

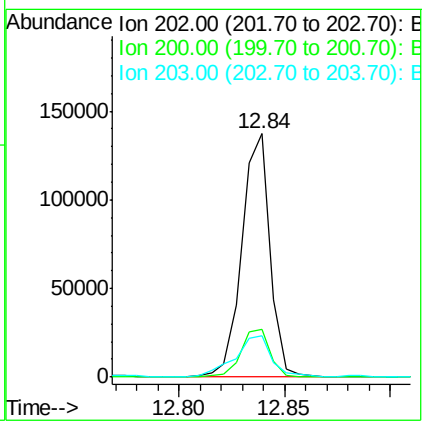


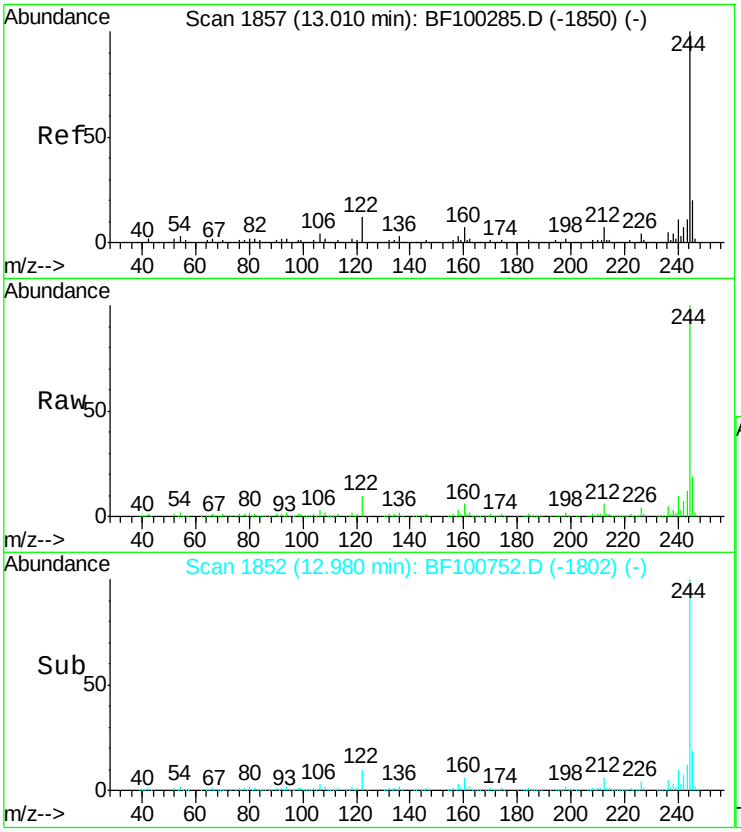


#77
Pyrene
Concen: 9.23 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:202 Resp: 127380

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	17.1	14.3	21.5



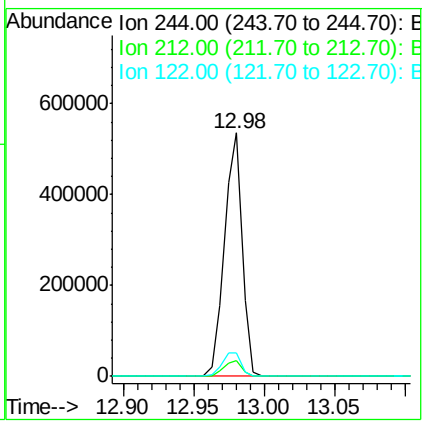


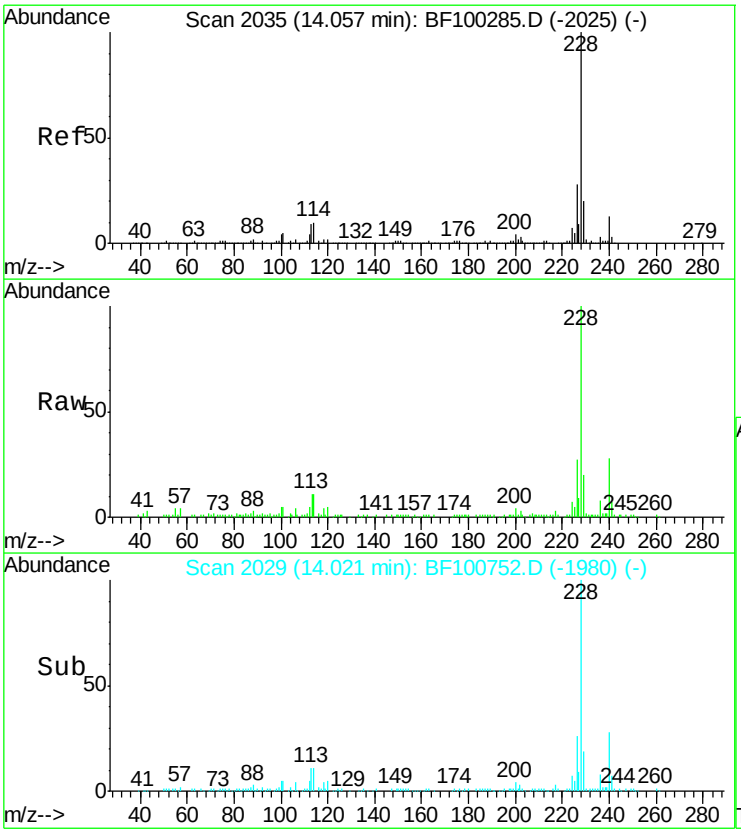
#78
Terphenyl-d14
Concen: 55.31 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:244 Resp: 465937

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.8	11.0	16.4#

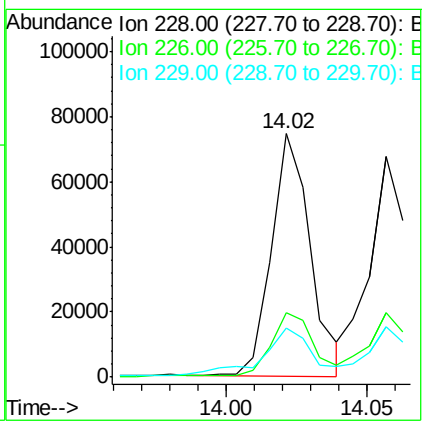


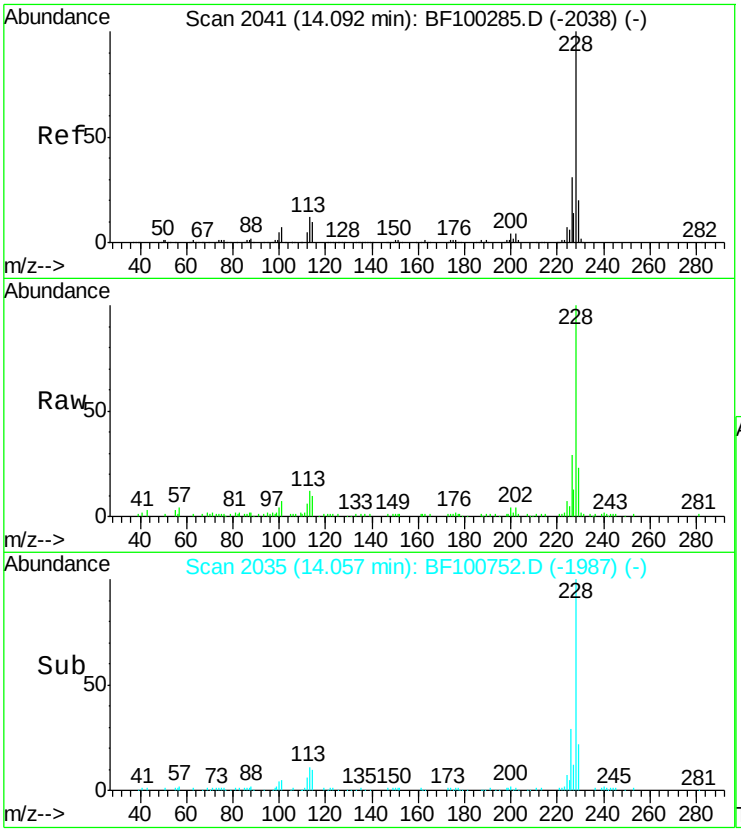


#80
Benzo(a)anthracene
Concen: 6.09 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:228 Resp: 70972

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.2	15.8	23.6



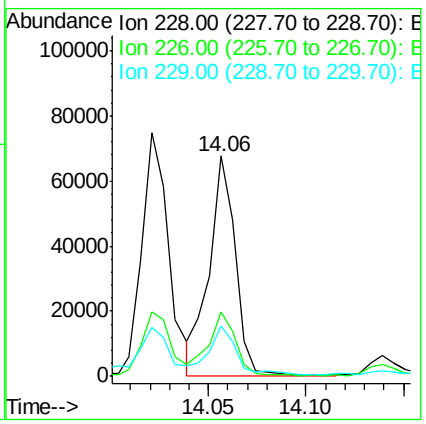


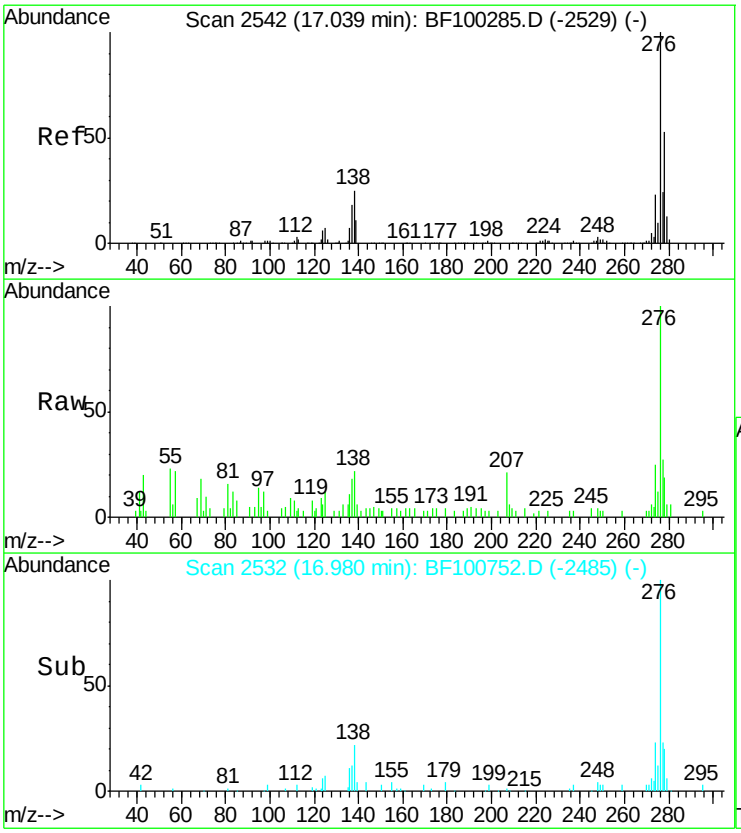
#82
Chrysene
Concen: 5.56 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:228 Resp: 62779

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.7	16.2	24.4

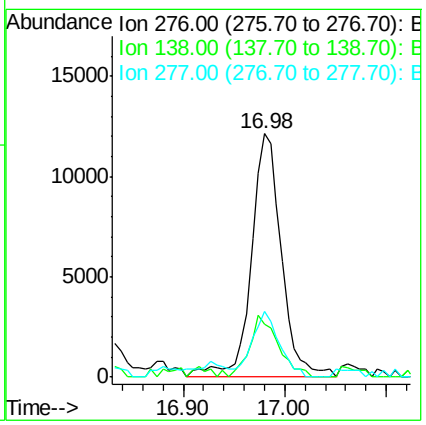


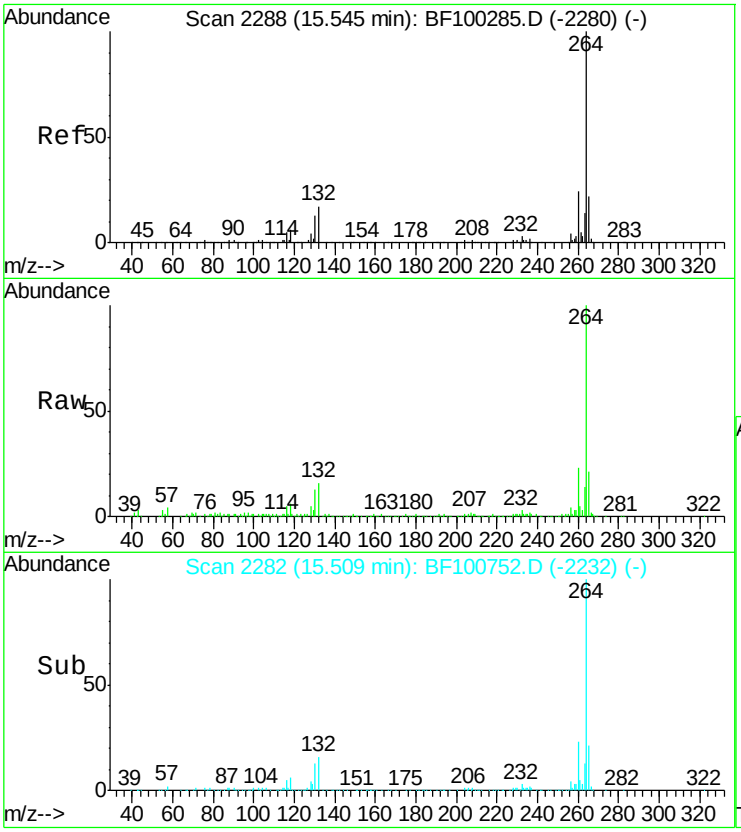


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.75 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:276 Resp: 25075

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.9	20.1	30.1



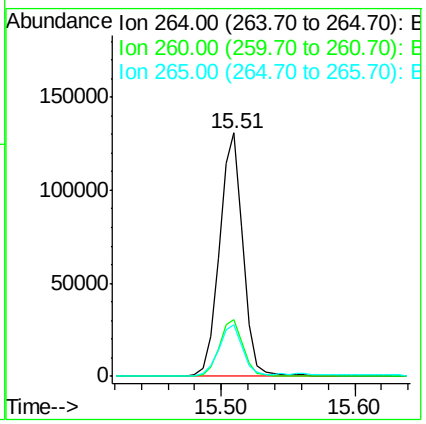


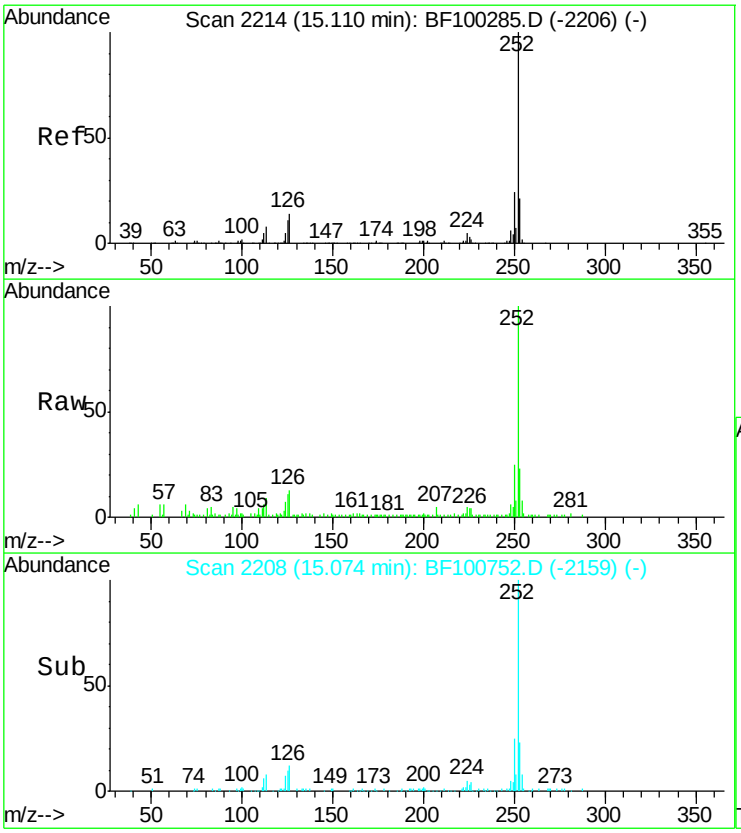
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:264 Resp: 161468

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

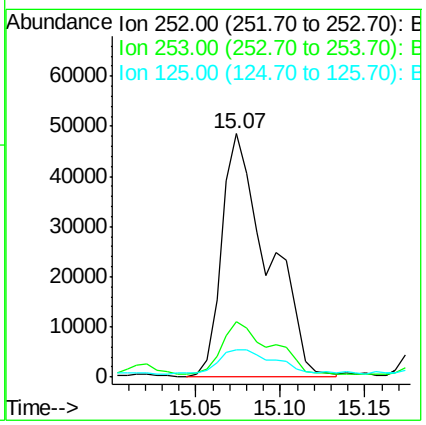


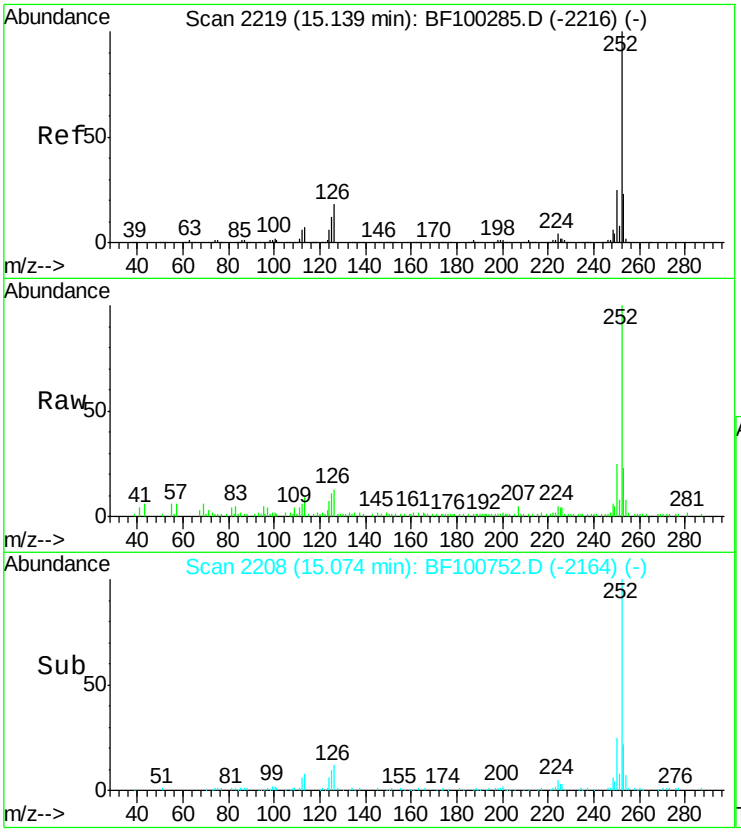


#87
Benzo(b)fluoranthene
Concen: 9.73 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:252 Resp: 93045

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.1	9.0	13.6



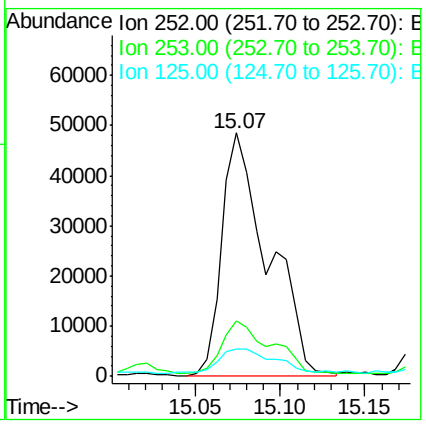


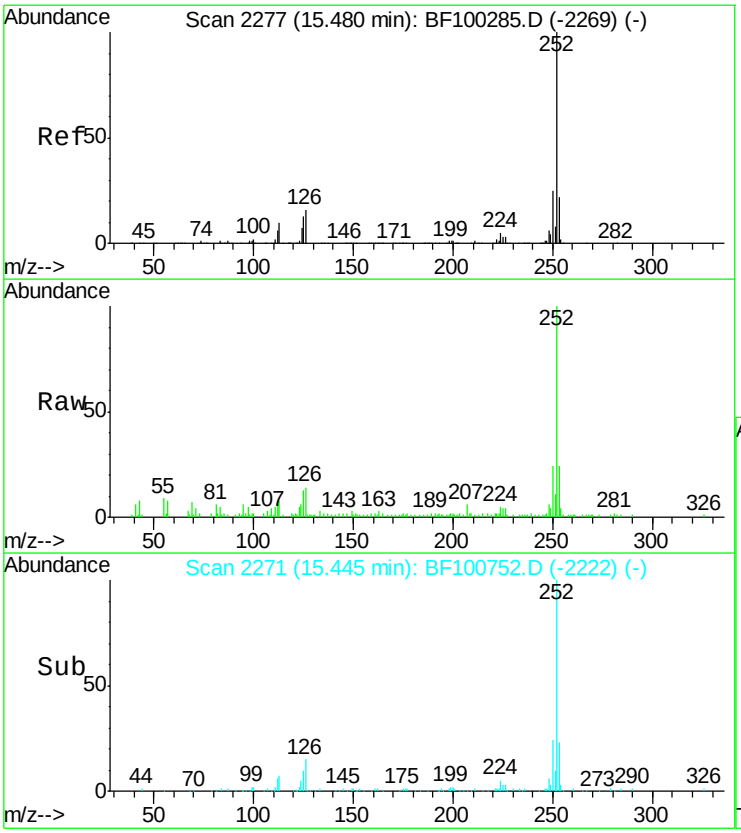
#88
Benzo(k)fluoranthene
Concen: 10.29 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:252 Resp: 93045

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.1	10.2	15.2

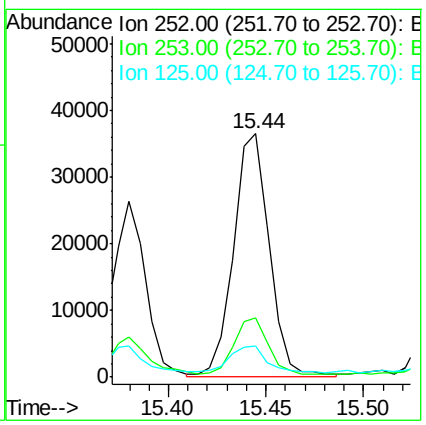


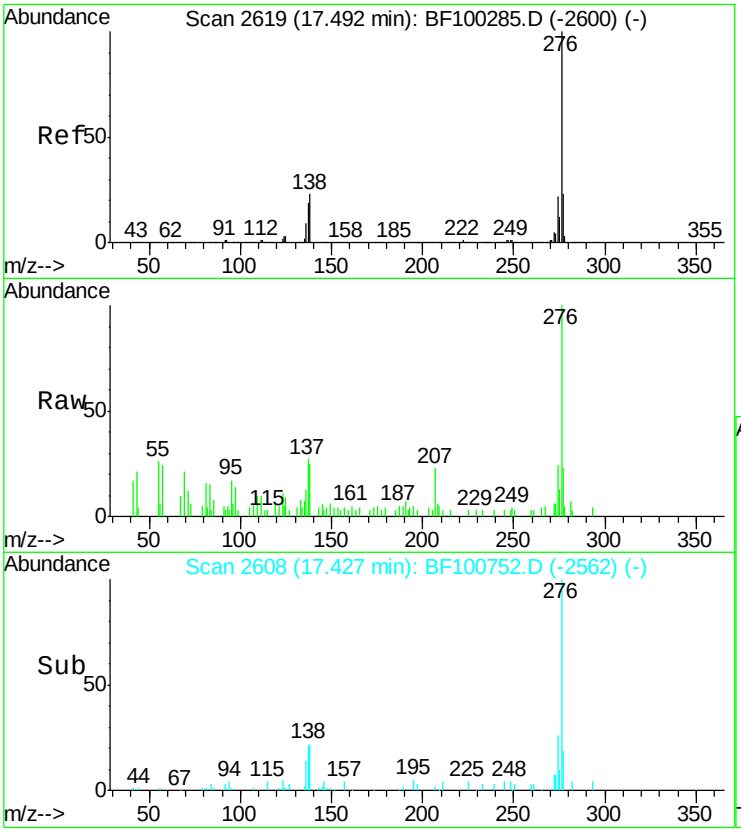


#89
Benzo(a)pyrene
Concen: 5.51 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion:252 Resp: 46723

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.29 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.03 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tgt Ion:276 Resp: 22348

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.5	21.8	32.8