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

Quantitation Report (Not Reviewed)

Data File : BF100739.D
Acq On : 20 Nov 2017 19:26
Operator : SJ/JU
Sample : I6521-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-(0-12)

Quant Time: Nov 21 03:28:55 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	99956	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	395646	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	188130	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	376154	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	291399	20.00	ng		-0.02
86) Perylene-d12	15.50	264	206841	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	734918	117.86	ng		0.00
7) Phenol-d6	6.50	99	889782	115.72	ng		0.00
23) Nitrobenzene-d5	7.43	82	549205	91.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	253829	132.41	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1005537	81.39	ng		-0.01
78) Terphenyl-d14	12.98	244	975203	76.90	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	15414	2.81	ng		84
10) Phenol	6.51	94	28000	3.47	ng		97
19) n-Nitroso-di-n-propylamine	7.43	70	71718	13.45	ng	#	79
25) Isophorone	7.43	82	549199	43.67	ng	#	64
32) Benzoic acid	7.85	122	252	9.42	ng	#	1
47) 2-Nitroaniline	9.62	65	779	2.99	ng	#	1
49) Dimethylphthalate	9.62	163	93065	6.48	ng		99
56) 2,4-Dinitrotoluene	9.90	165	23771	6.63	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	294	8.70	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	15885	3.94	ng	#	1
74) Fluoranthene	12.60	202	107052	5.10	ng		94
77) Pyrene	12.83	202	89663	4.32	ng		98
80) Benzo(a)anthracene	14.02	228	44071	2.51	ng		98
82) Chrysene	14.06	228	37237	2.19	ng		95
87) Benzo(b)fluoranthene	15.07	252	42196	3.44	ng		99
88) Benzo(k)fluoranthene	15.07	252	42196	3.64	ng		98
89) Benzo(a)pyrene	15.43	252	21915	2.02	ng		98

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

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

Quantitation Report (Not Reviewed)

Data File : BF100739.D
Acq On : 20 Nov 2017 19:26
Operator : SJ/JU
Sample : I6521-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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MH-(0-12)

Quant Time: Nov 21 03:28:55 2017
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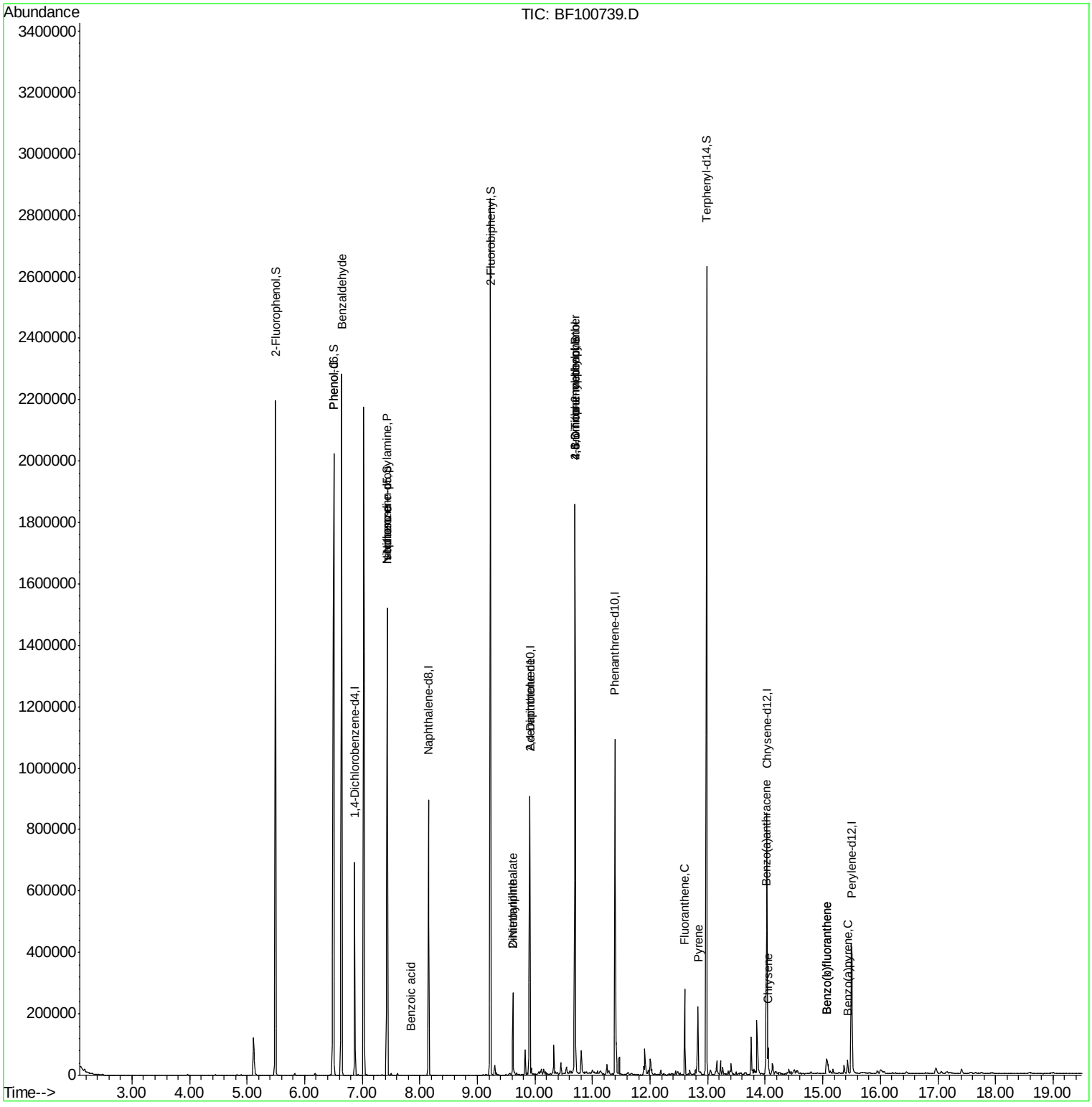
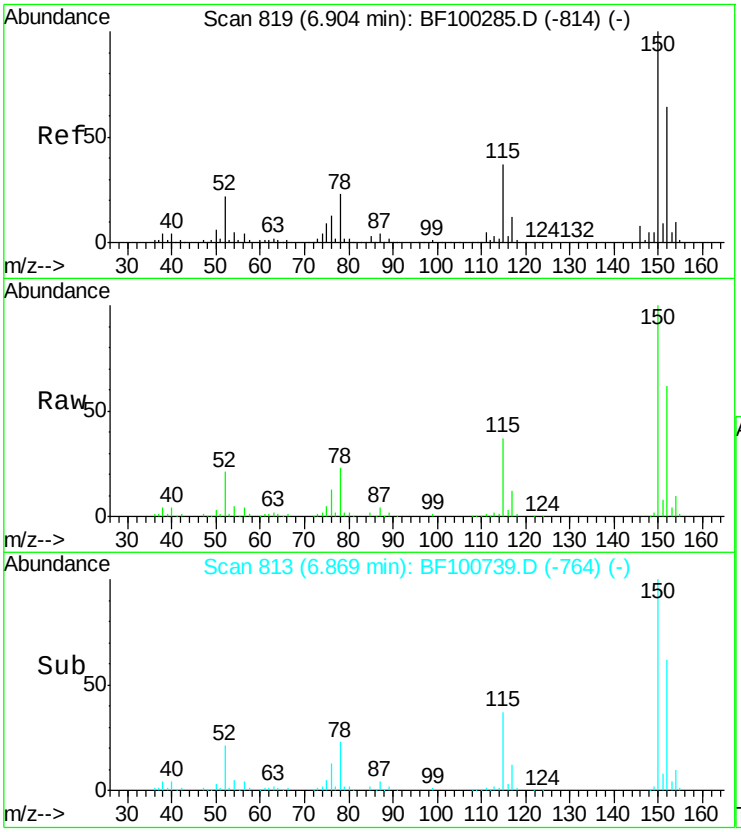


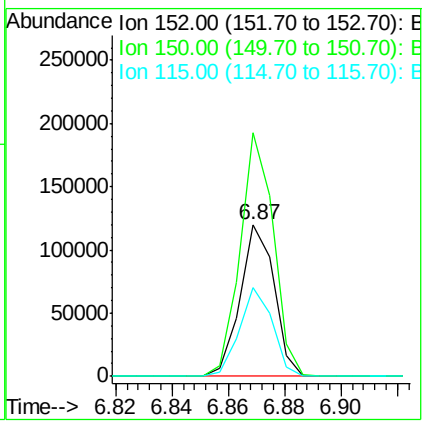


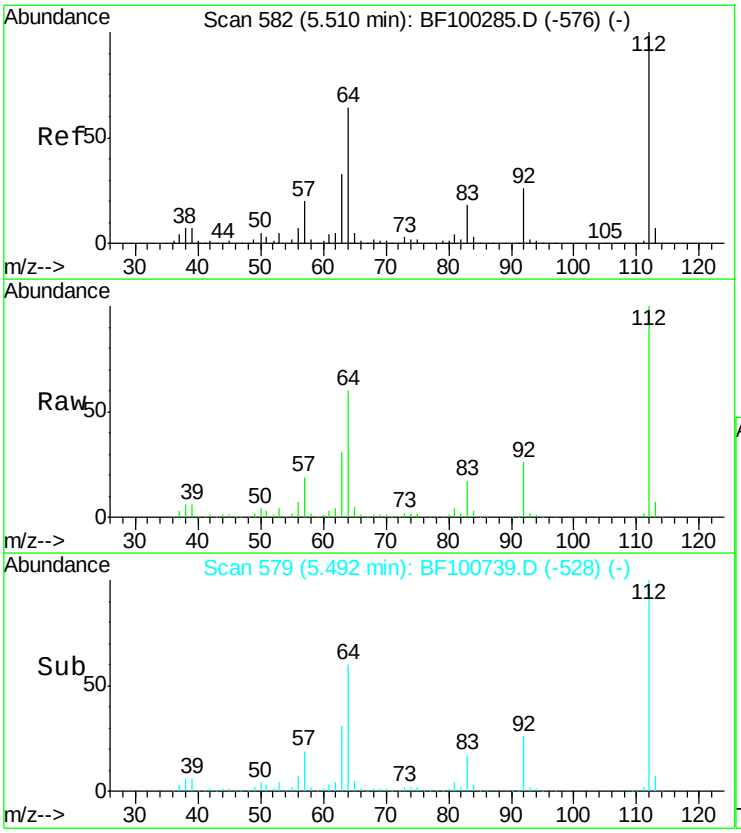
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:152 Resp: 99956

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	58.9	50.1	75.1

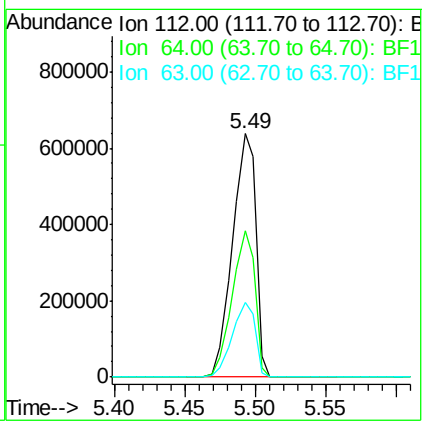


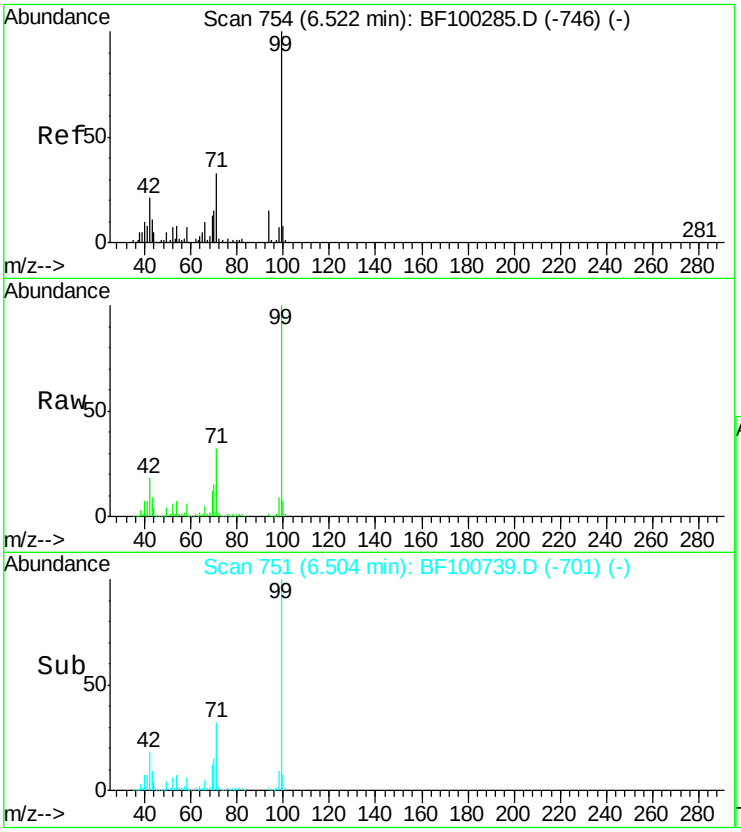


#5
2-Fluorophenol
Concen: 117.86 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:112 Resp: 734918

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.7	23.7	35.5



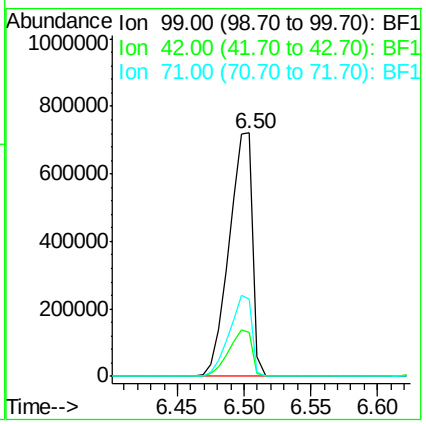


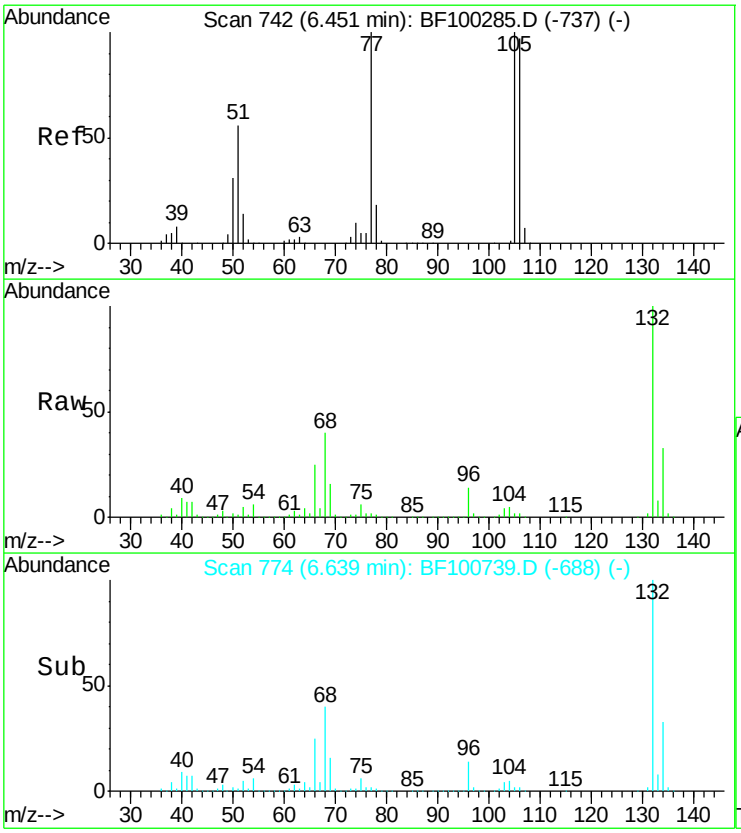
#7
Phenol-d6
Concen: 115.72 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 99 Resp: 889782

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	31.6	25.4	38.0

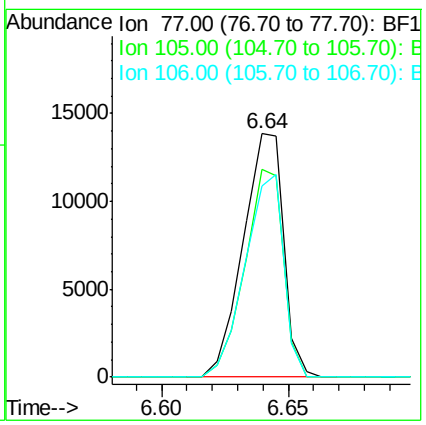


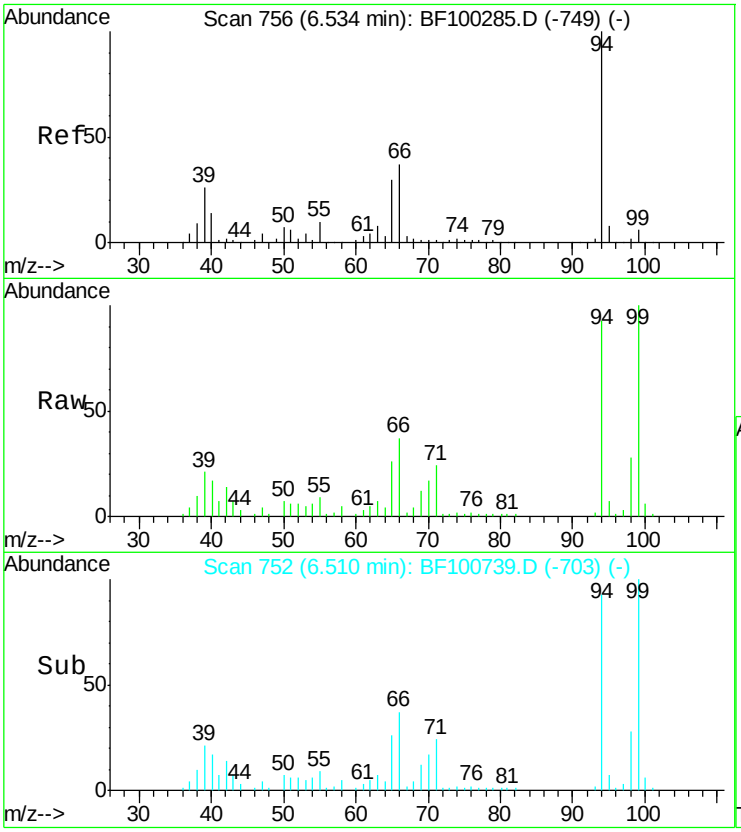


#9
Benzaldehyde
Concen: 2.81 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.21 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion: 77 Resp: 15414

Ion	Ratio	Lower	Upper
77	100		
105	85.5	81.1	121.1
106	78.7	74.5	114.5



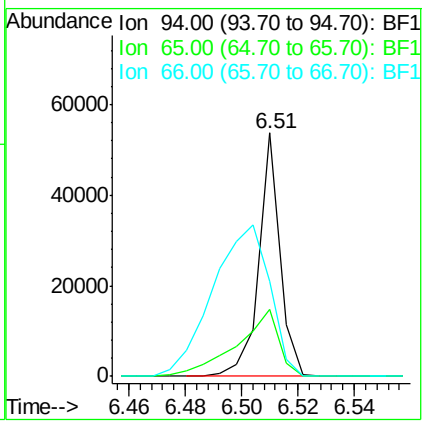


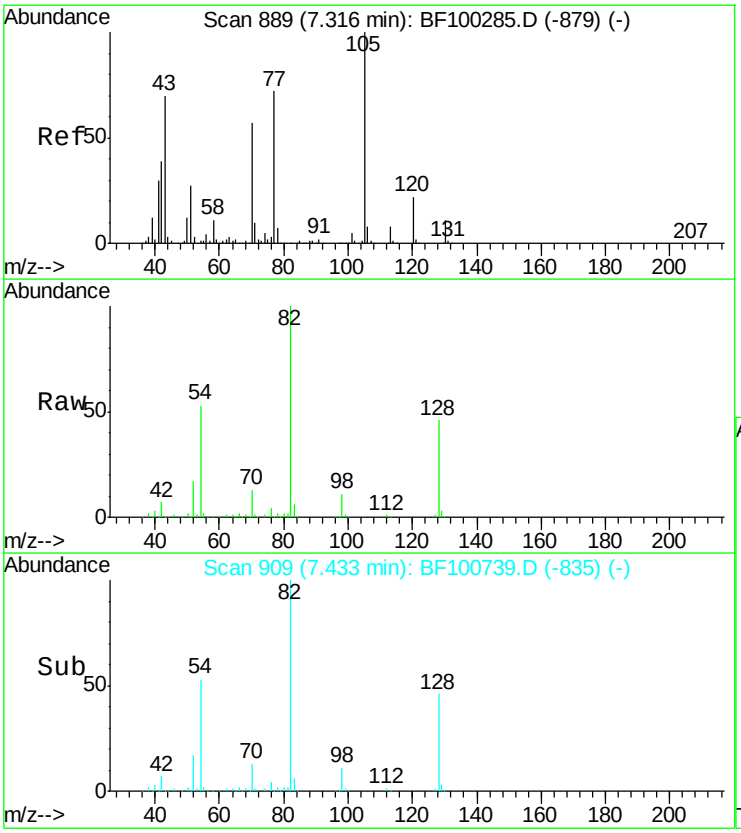
#10
Phenol
Concen: 3.47 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 94 Resp: 28000

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.9	47.9
66	39.2	16.2	56.2

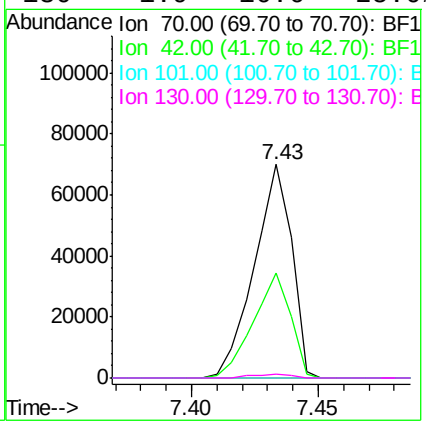


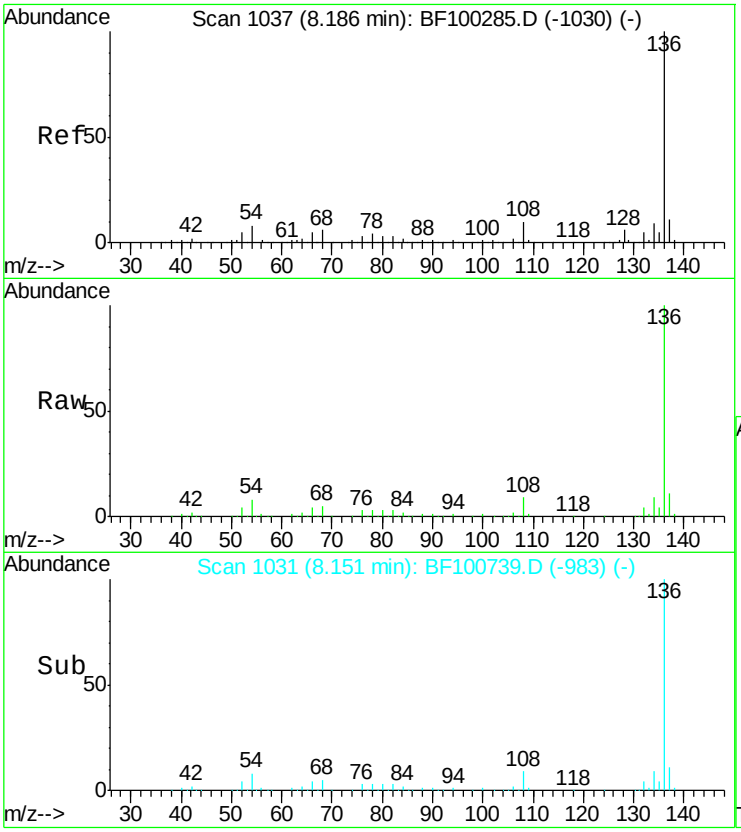


#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion: 70 Resp: 71718

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



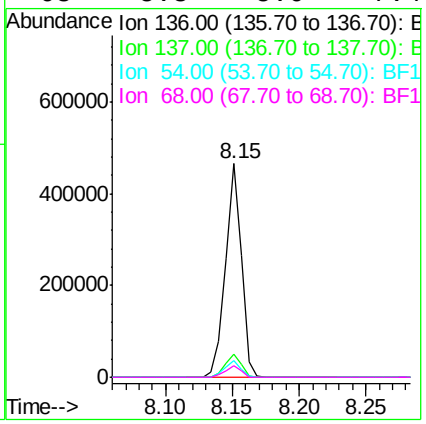


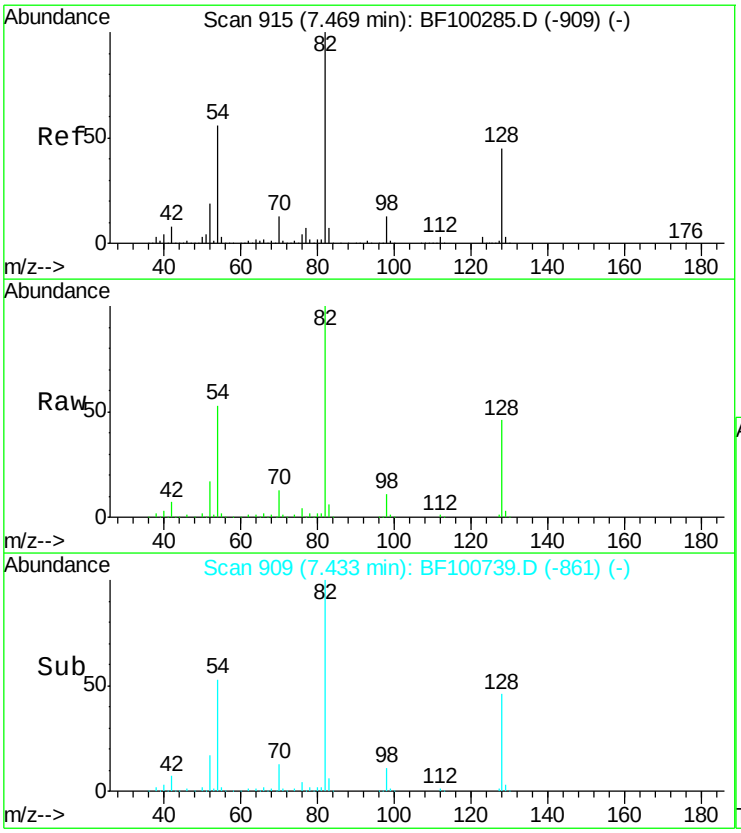
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:136 Resp: 395646

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.3	5.0	7.4

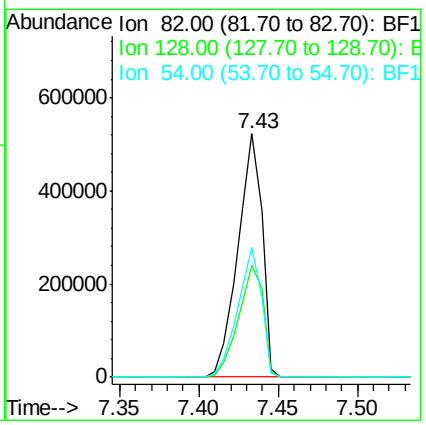


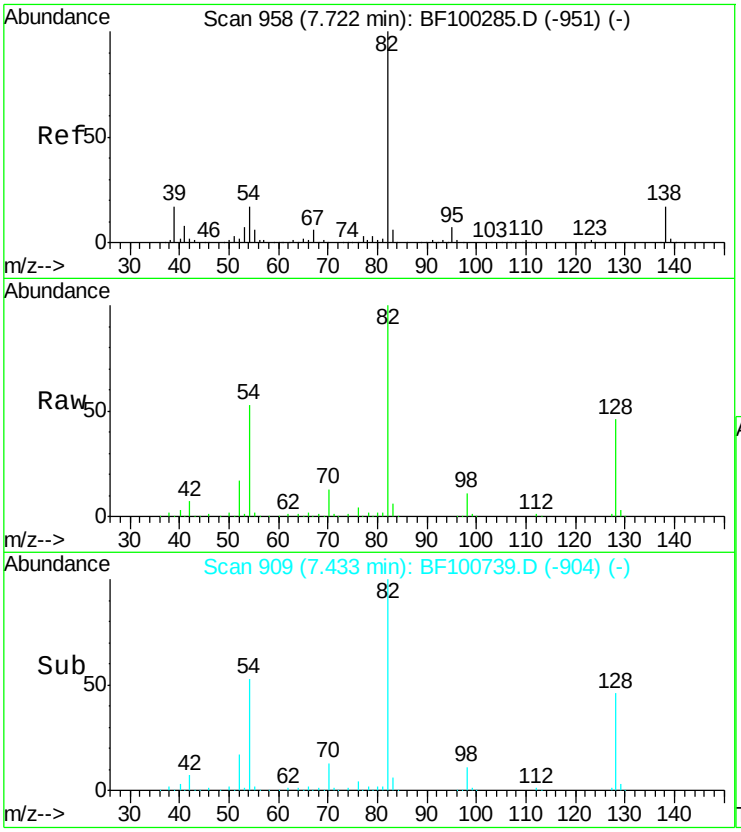


#23
Nitrobenzene-d5
Concen: 91.77 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion: 82 Resp: 549205

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.2	41.4	62.2



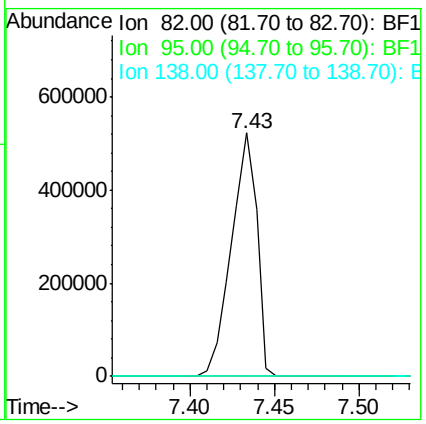


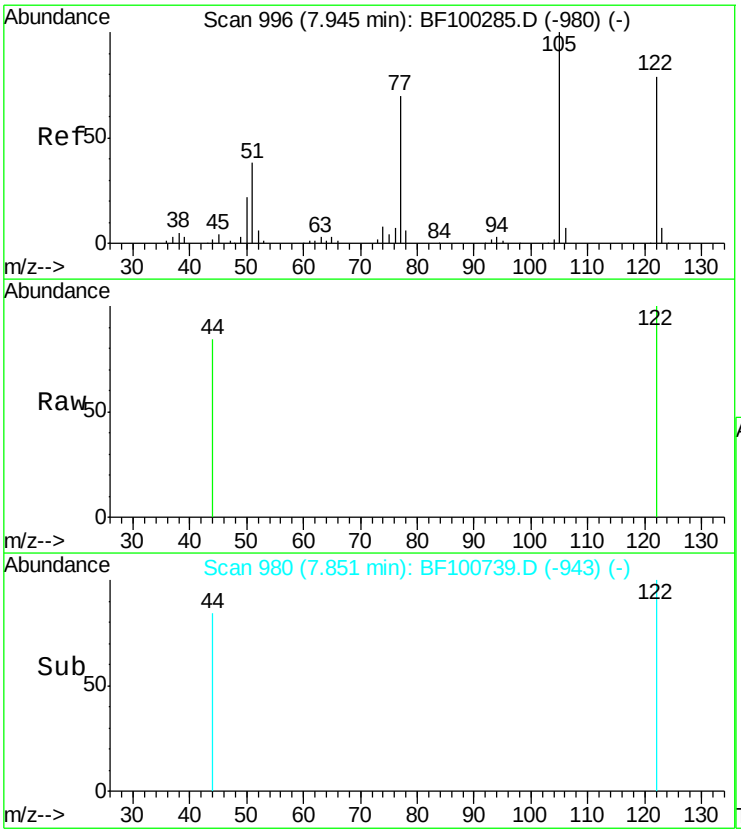
#25
Isophorone
Concen: 43.67 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion: 82 Resp: 549199

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

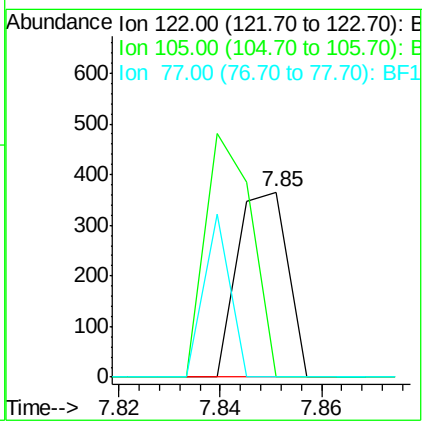


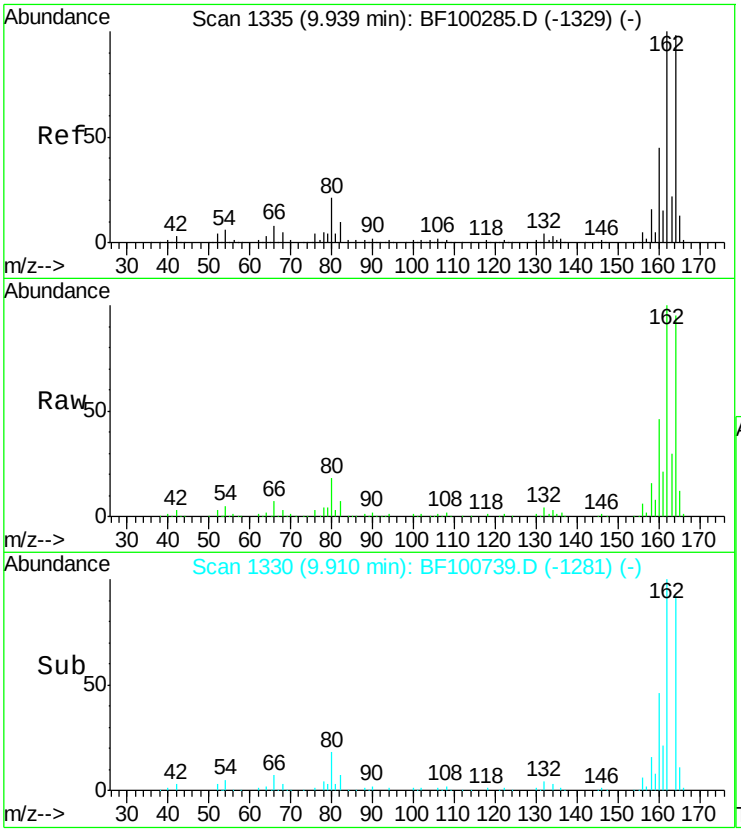


#32
Benzoic acid
Concen: 9.42 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:122 Resp: 252

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



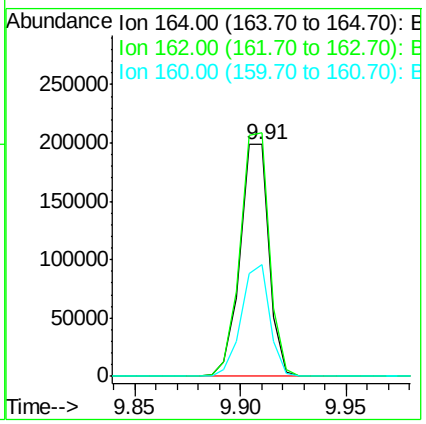


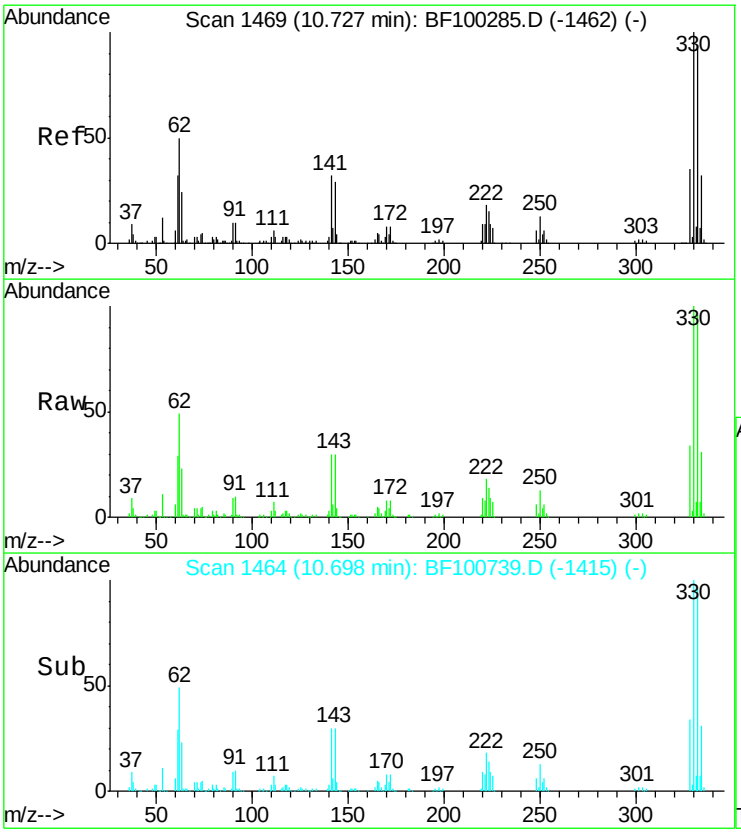
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:164 Resp: 188130

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	48.3	38.3	57.5

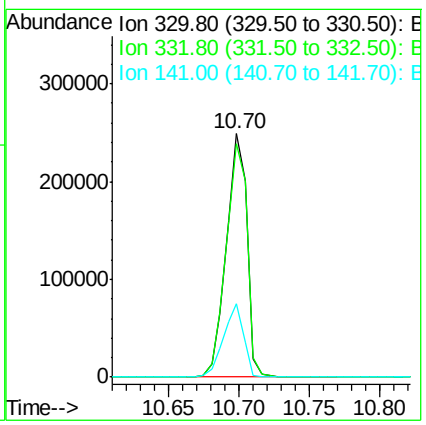


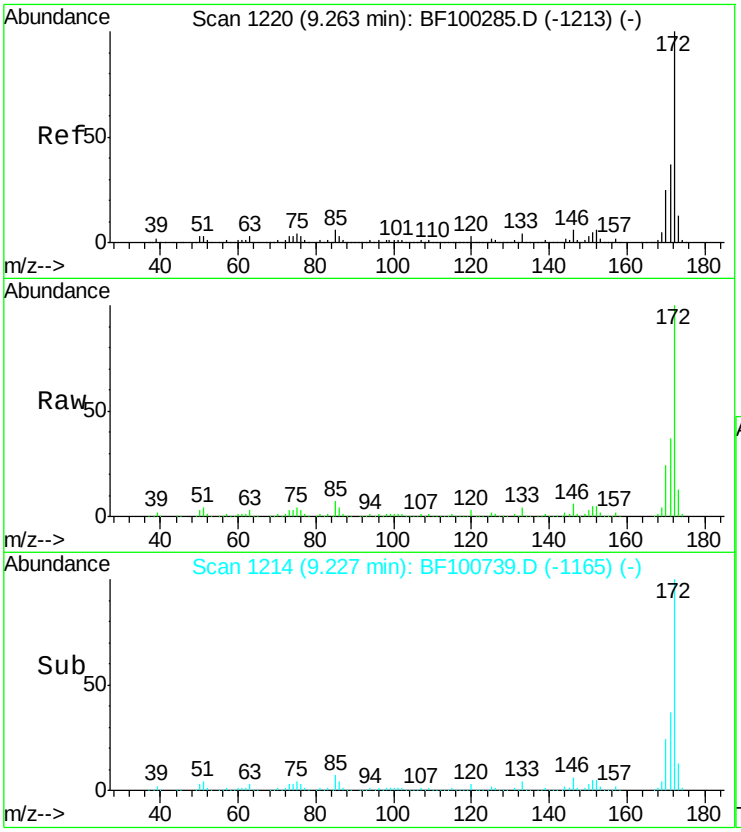


#41
2,4,6-Tribromophenol
Concen: 132.41 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:330 Resp: 253829

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	29.1	29.9	44.9#



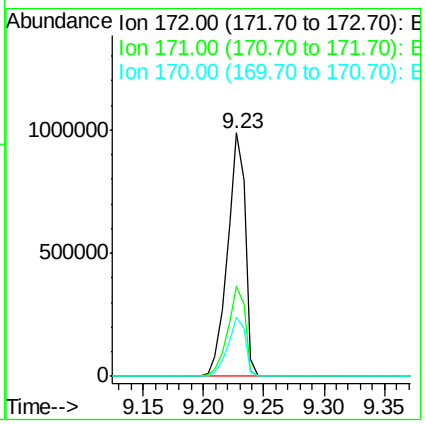


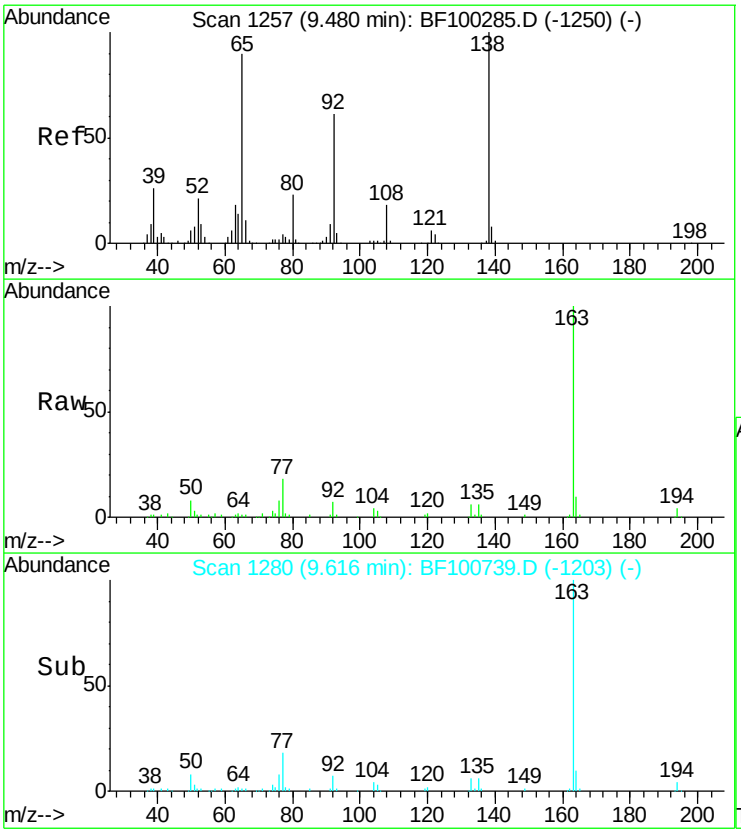
#44
2-Fluorobiphenyl
Concen: 81.39 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:172 Resp: 1005537

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.4	19.6	29.4

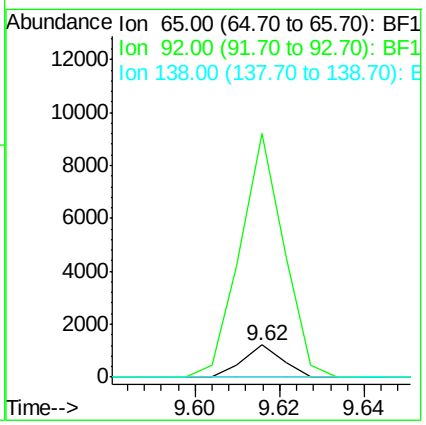


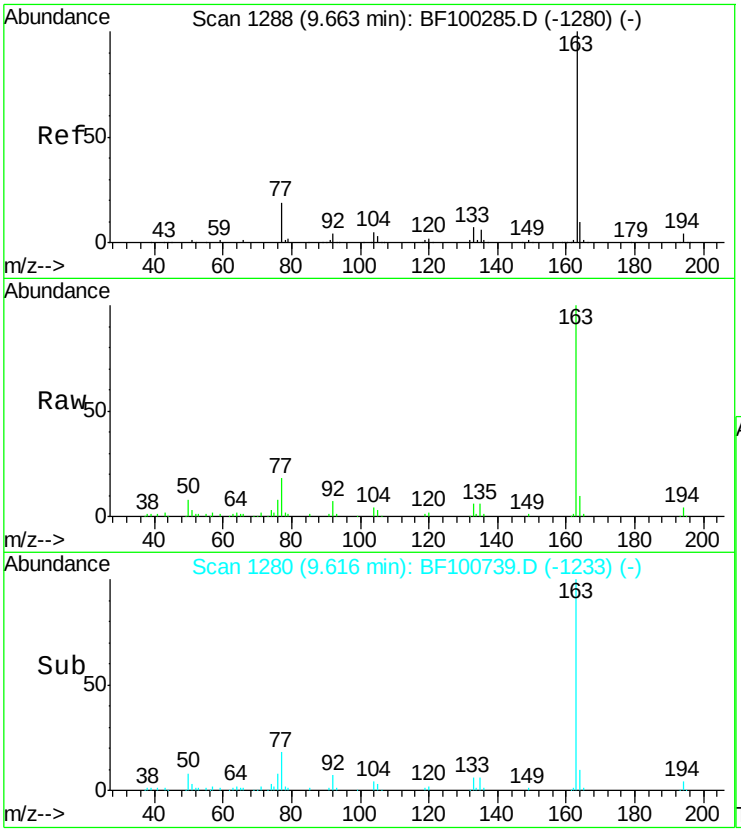


#47
2-Nitroaniline
Concen: 2.99 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion: 65 Resp: 779

Ion	Ratio	Lower	Upper
65	100		
92	757.6	55.8	83.6#
138	0.0	91.2	136.8#



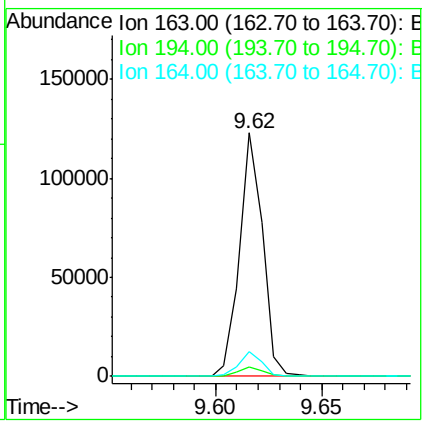


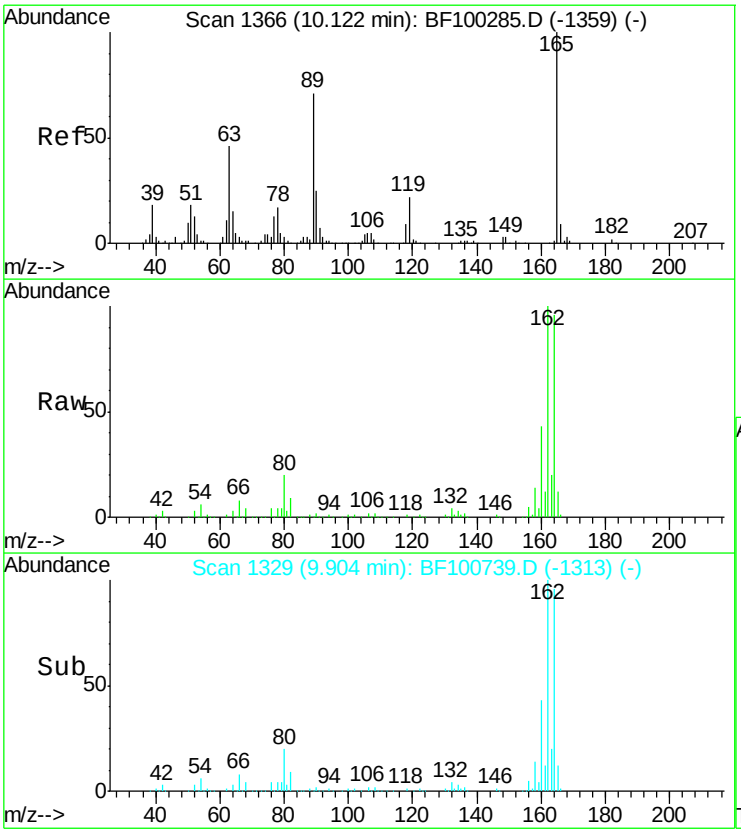
#49
Dimethylphthalate
Concen: 6.48 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:163 Resp: 93065

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

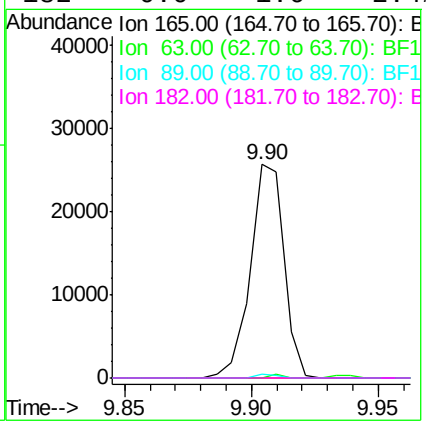


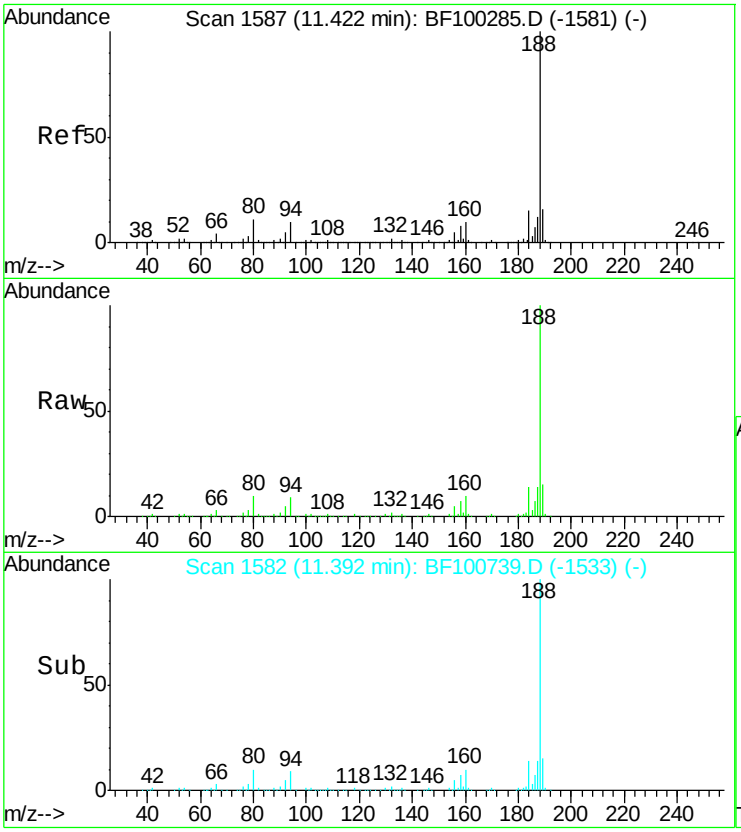


#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:165 Resp: 23771

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



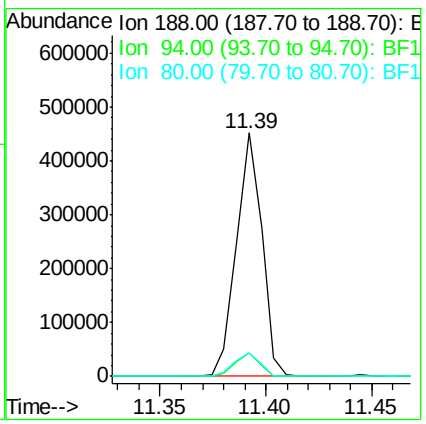


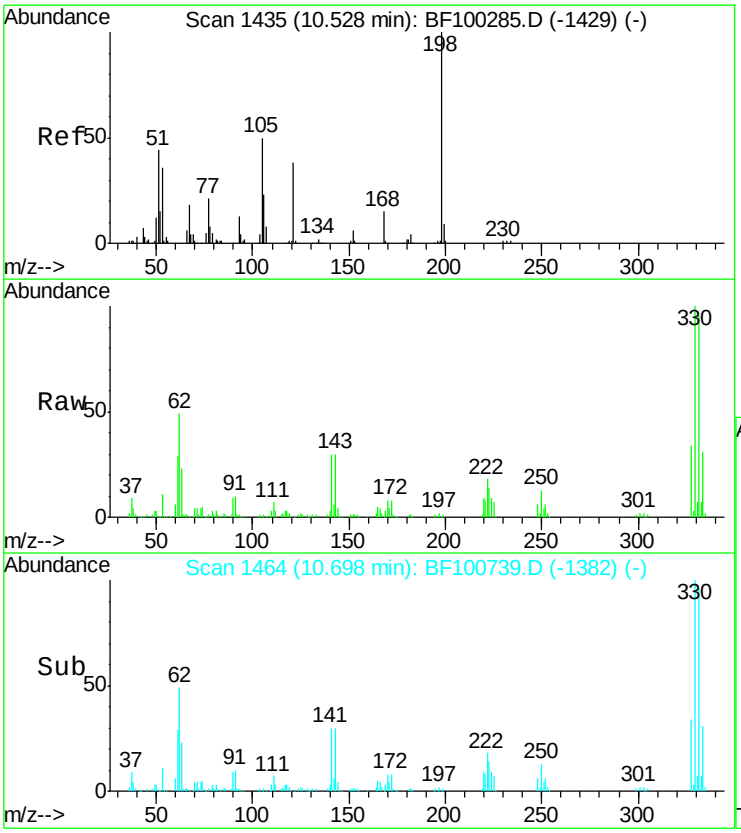
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:188 Resp: 376154

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.6	9.2	13.8

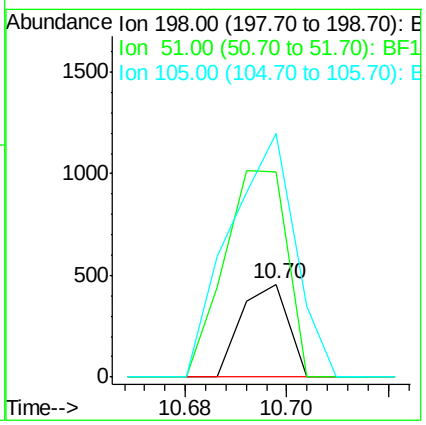


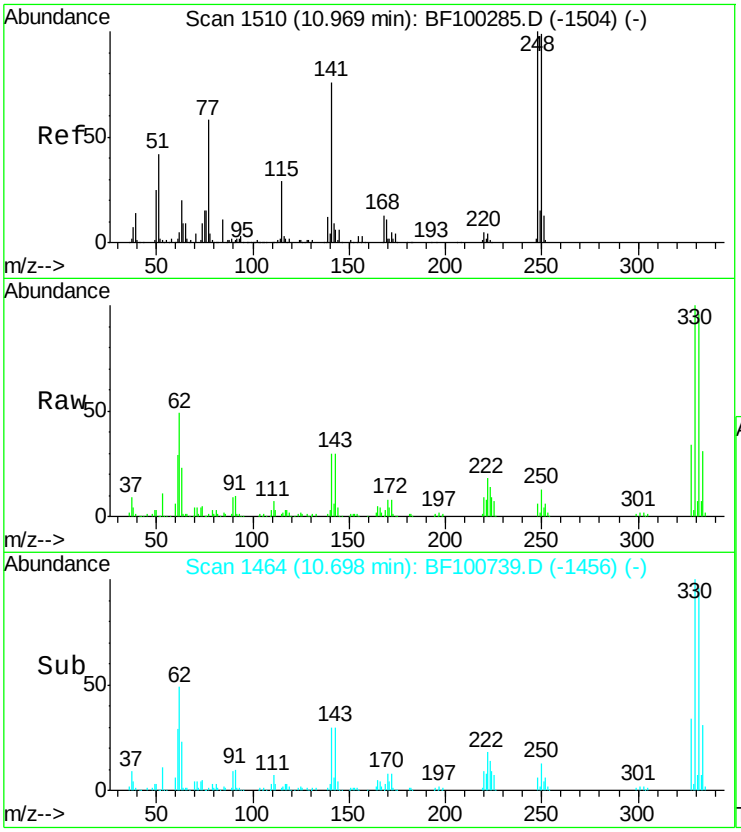


#64
4,6-Dinitro-2-methylphenol
Concen: 8.70 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:198 Resp: 294

Ion	Ratio	Lower	Upper
198	100		
51	220.1	37.7	77.7#
105	261.9	36.3	76.3#



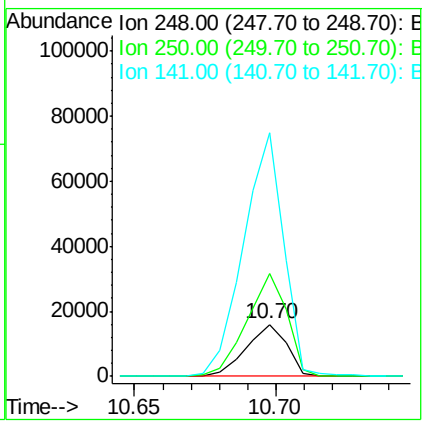


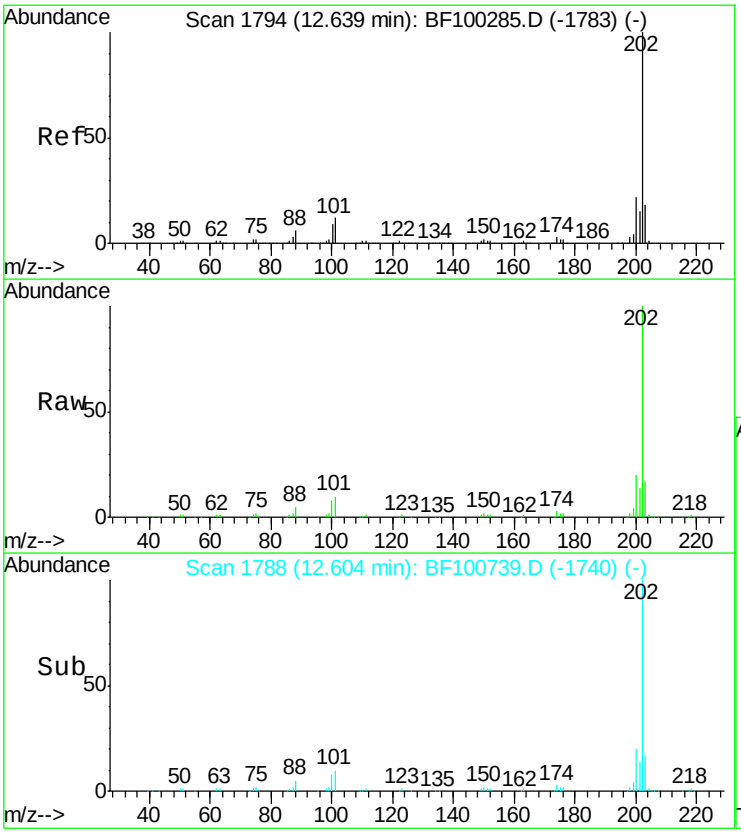
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:248 Resp: 15885

Ion	Ratio	Lower	Upper
248	100		
250	198.4	76.9	115.3#
141	471.3	74.4	111.6#

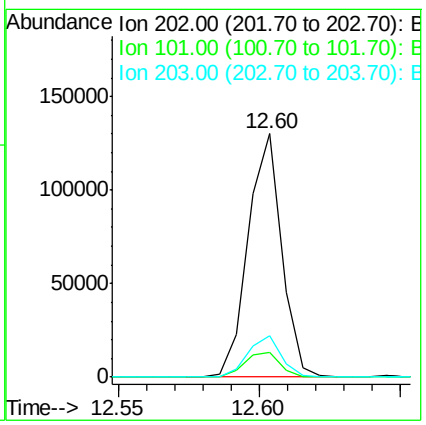


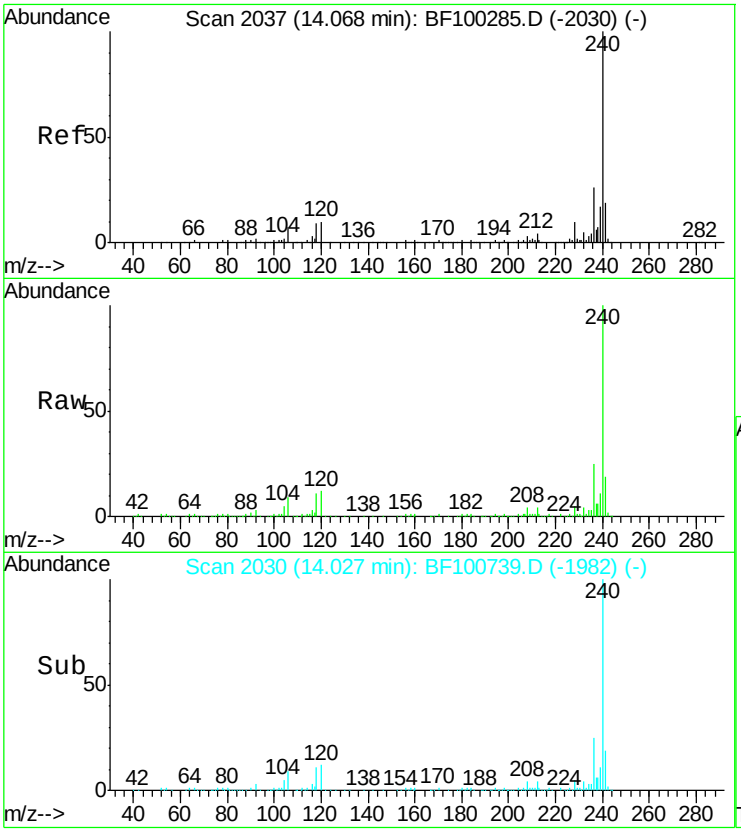


#74
Fluoranthene
Concen: 5.10 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:202 Resp: 107052

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.8	0.0	38.1



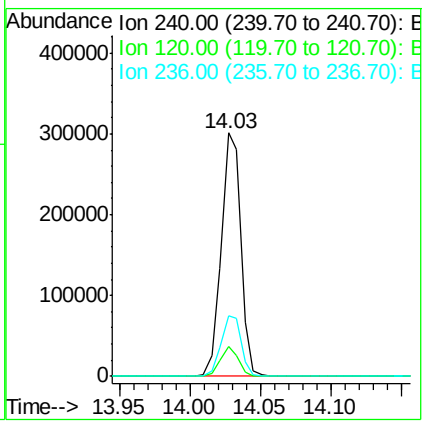


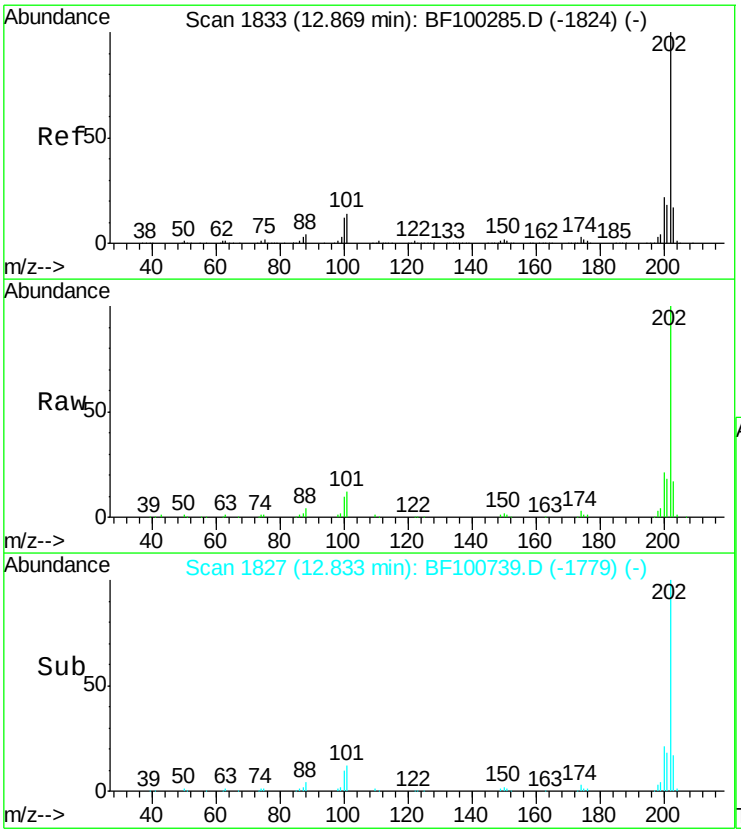
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:240 Resp: 291399

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	24.8	20.7	31.1

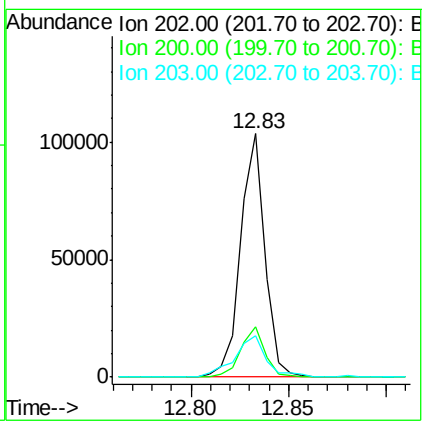


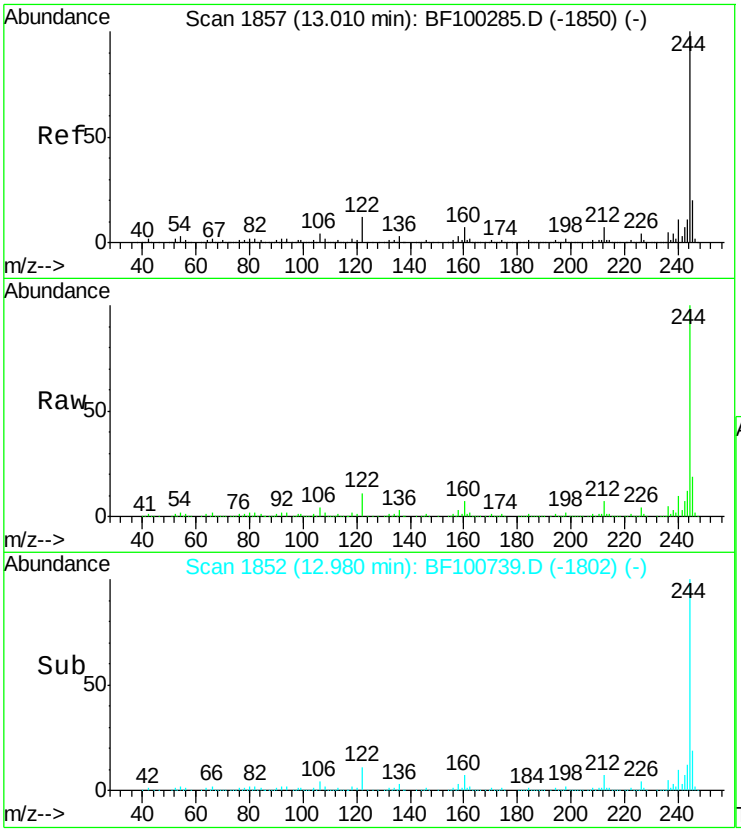


#77
Pyrene
Concen: 4.32 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:202 Resp: 89663

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.3	14.3	21.5



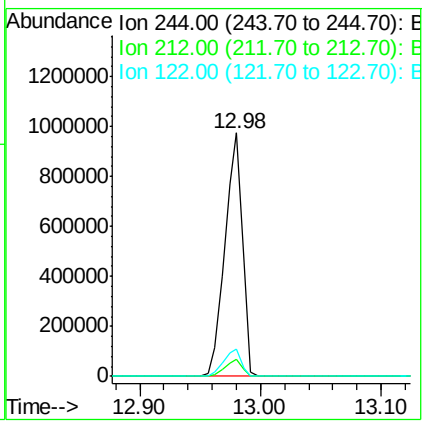


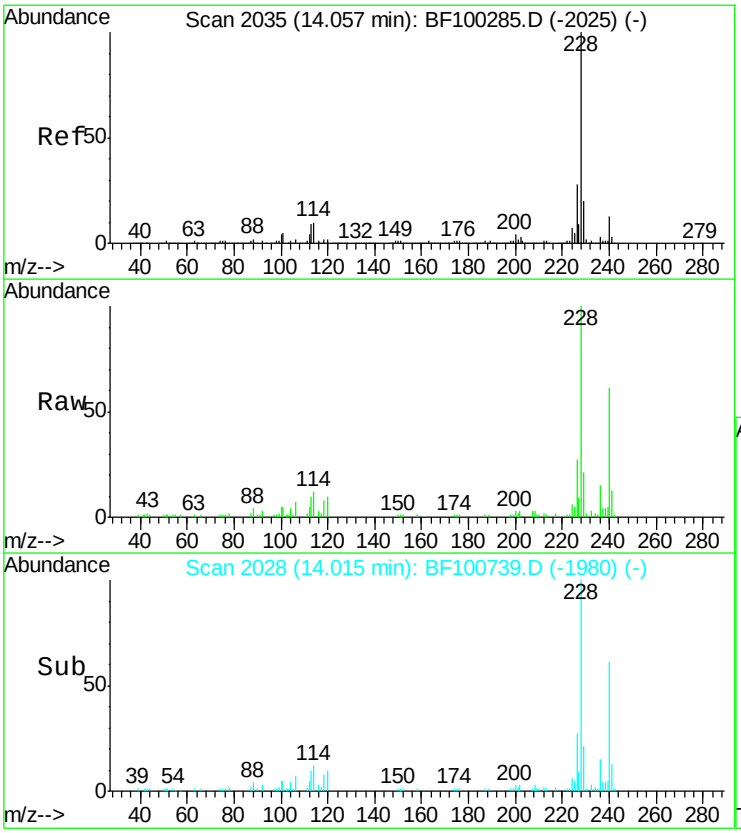
#78
Terphenyl-d14
Concen: 76.90 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:244 Resp: 975203

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4

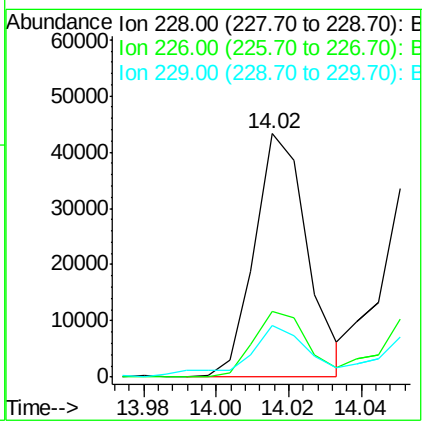


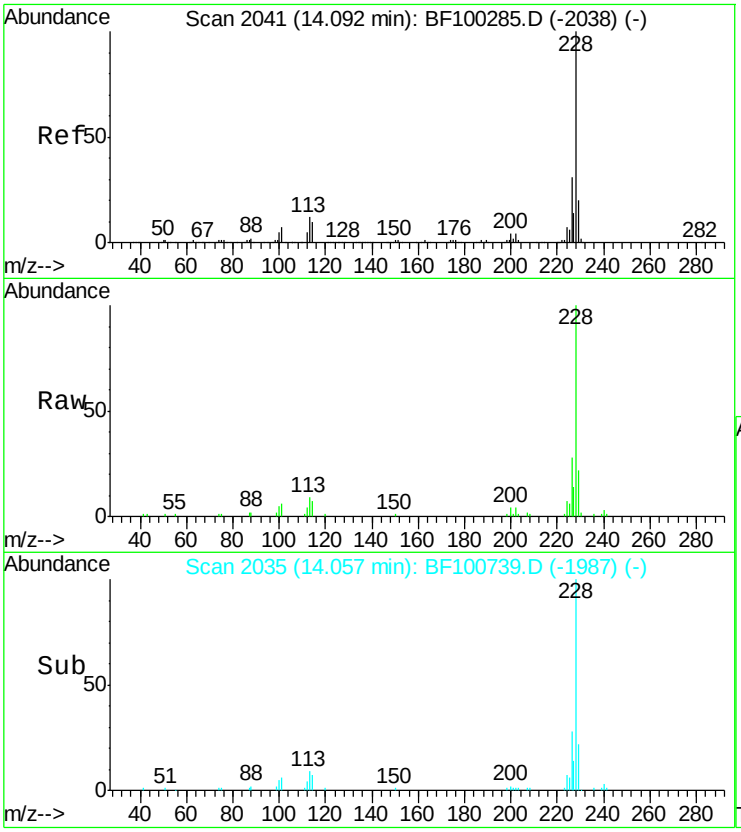


#80
Benzo(a)anthracene
Concen: 2.51 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:228 Resp: 44071

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.0	15.8	23.6



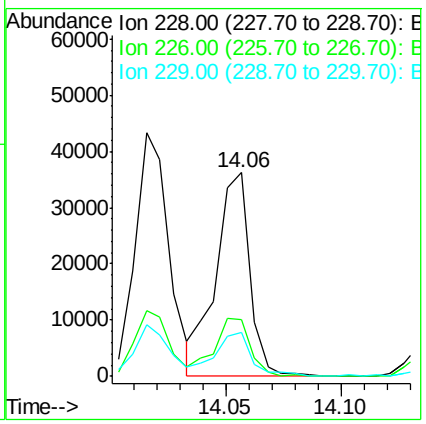


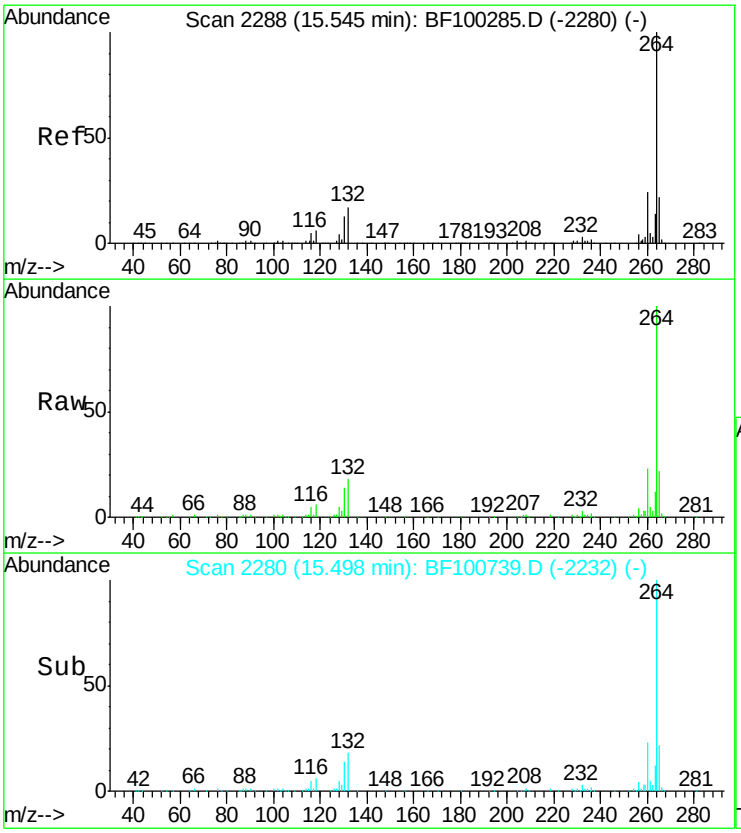
#82
Chrysene
Concen: 2.19 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:228 Resp: 37237

Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.0	37.6
229	21.6	16.2	24.4

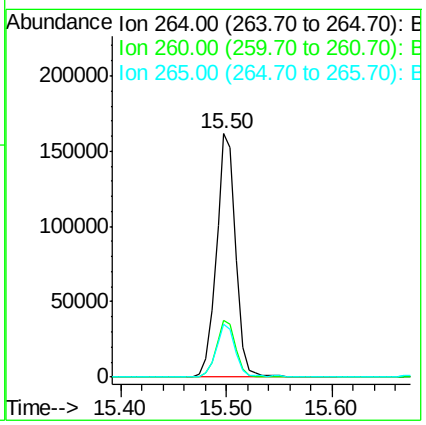


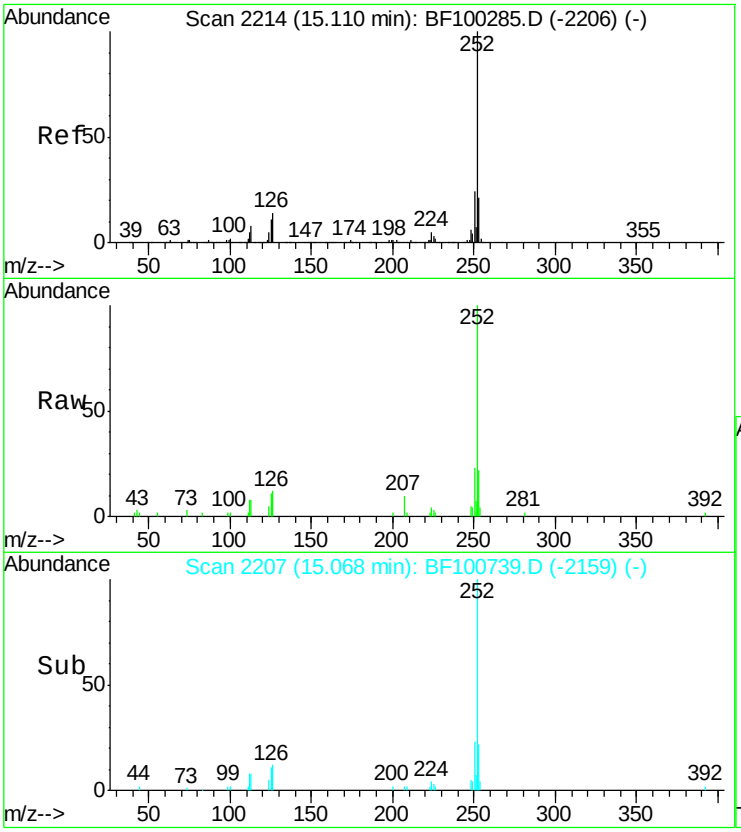


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:264 Resp: 206841

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3



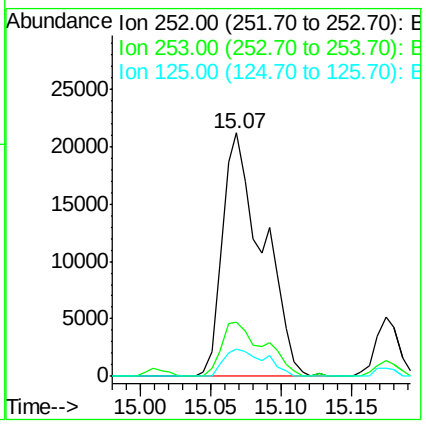


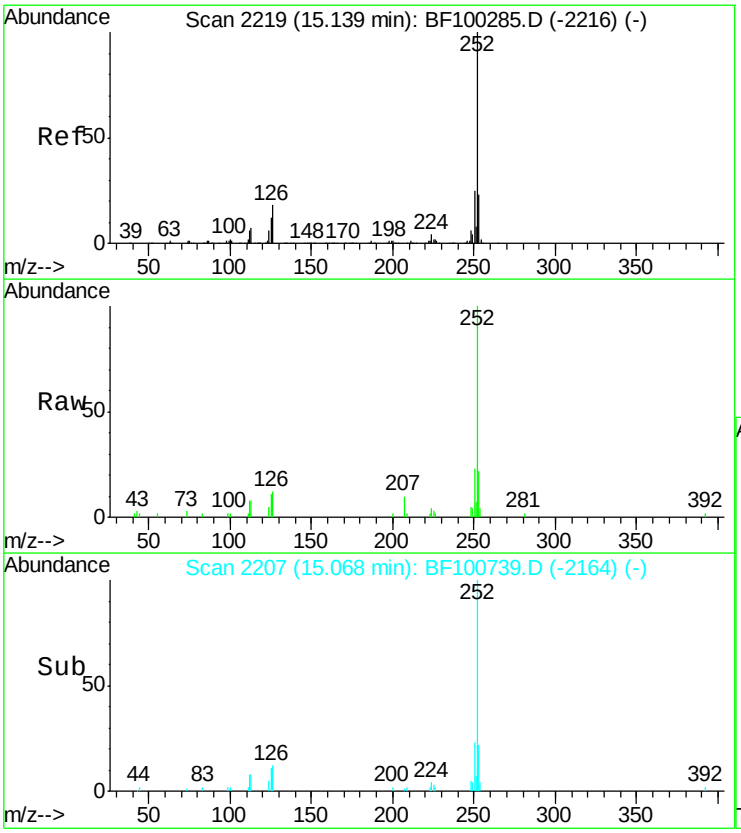
#87
Benzo(b)fluoranthene
Concen: 3.44 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:252 Resp: 42196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.1	9.0	13.6

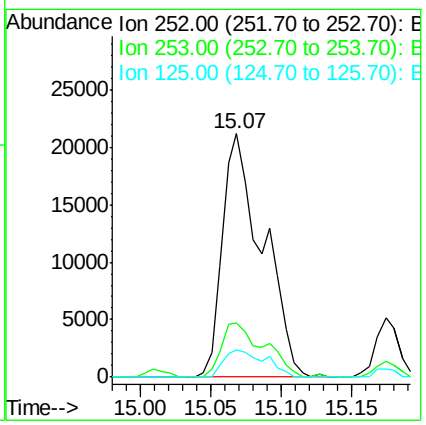


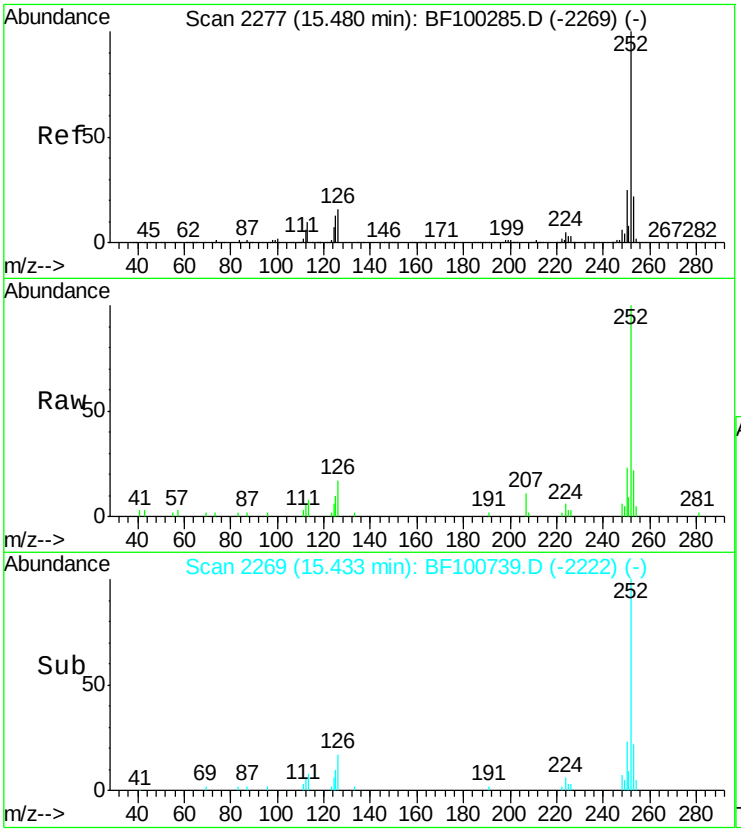


#88
Benzo(k)fluoranthene
Concen: 3.64 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Tgt Ion:252 Resp: 42196

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.1	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.02 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF100739.D
Acq: 20 Nov 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MH-(0-12)

Tgt Ion:252 Resp: 21915

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.0	9.8	14.6