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

Quantitation Report (Not Reviewed)

Data File : BF100743.D
Acq On : 20 Nov 2017 21:13
Operator : SJ/JU
Sample : I6521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-(0-5)

Quant Time: Nov 21 03:30:52 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	94935	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	373150	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	169804	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	304865	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	187675	20.00	ng		-0.02
86) Perylene-d12	15.50	264	222474	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	707553	119.47	ng		0.00
7) Phenol-d6	6.50	99	868784	118.96	ng		0.00
23) Nitrobenzene-d5	7.43	82	538486	95.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	223522	129.18	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	995356	89.26	ng		-0.01
78) Terphenyl-d14	12.98	244	739045	90.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	14863	2.85	ng		86
10) Phenol	6.51	94	26642	3.48	ng		89
19) n-Nitroso-di-n-propylamine	7.43	70	69892	13.80	ng	#	80
25) Isophorone	7.43	82	538478	45.40	ng	#	64
47) 2-Nitroaniline	9.62	65	511	2.94	ng	#	1
49) Dimethylphthalate	9.62	163	72467	5.59	ng		99
56) 2,4-Dinitrotoluene	9.90	165	22599	6.98	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	342	8.75	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	13832	4.23	ng	#	1
70) Phenanthrene	11.42	178	204103	12.72	ng		98
74) Fluoranthene	12.60	202	259216	15.24	ng		97
77) Pyrene	12.83	202	250075	18.69	ng		98
80) Benzo(a)anthracene	14.02	228	112794	9.98	ng		97
82) Chrysene	14.06	228	123095	11.25	ng		98
87) Benzo(b)fluoranthene	15.07	252	200737	15.23	ng		100
88) Benzo(k)fluoranthene	15.07	252	200737	16.12	ng		97
89) Benzo(a)pyrene	15.44	252	104911	8.98	ng		96
90) Dibenzo(a,h)anthracene	16.98	278	21637	2.26	ng		97
91) Benzo(g,h,i)perylene	17.42	276	71411	7.63	ng	#	93

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

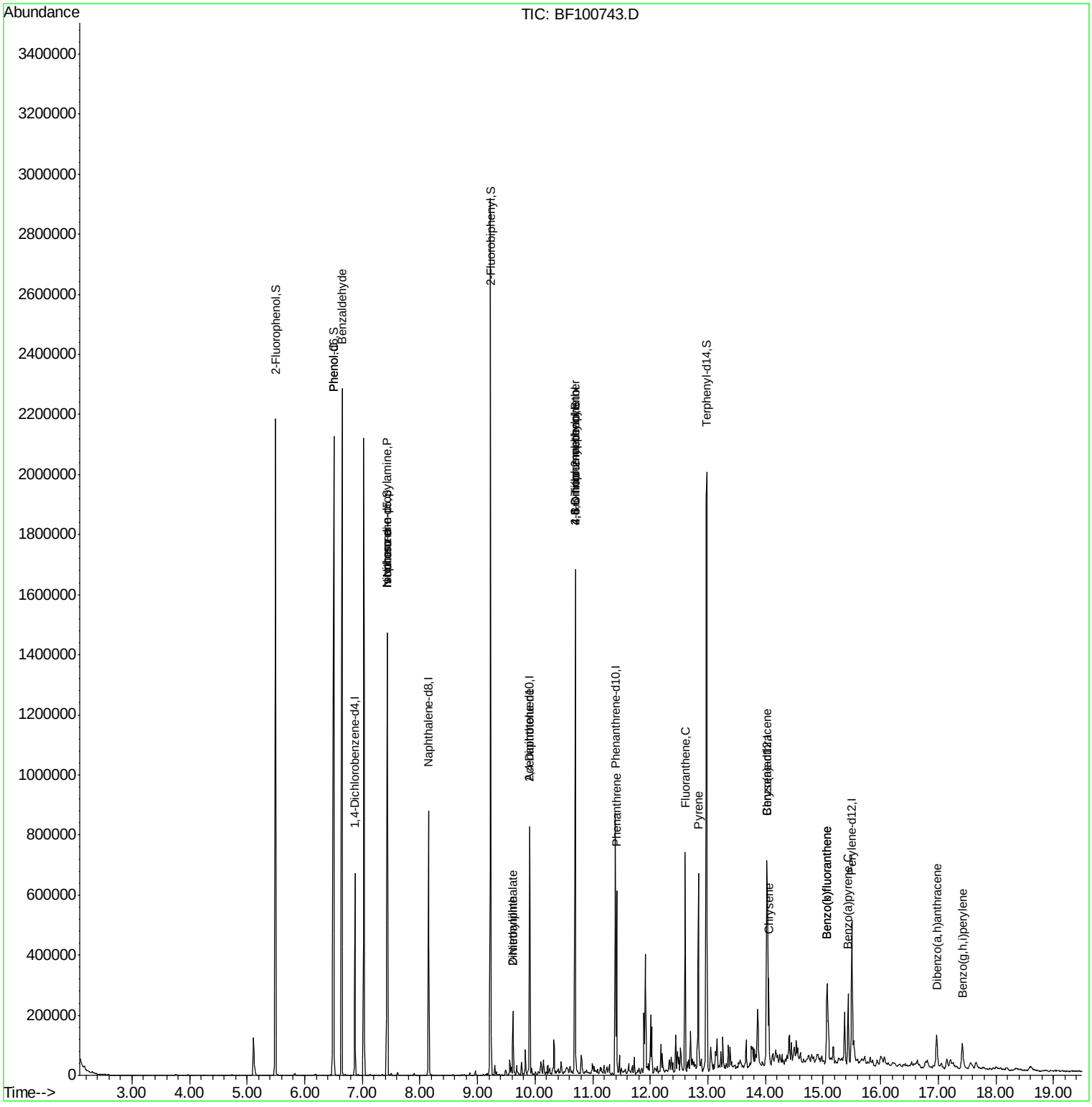
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\

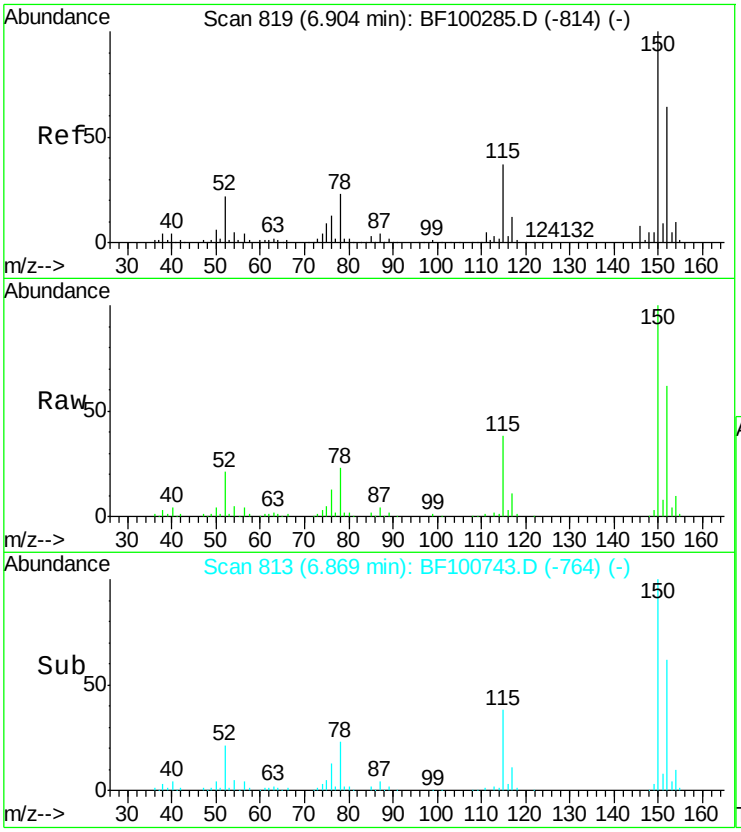
Quantitation Report (Not Reviewed)

Data File : BF100743.D
Acq On : 20 Nov 2017 21:13
Operator : SJ/JU
Sample : I6521-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Quant Time: Nov 21 03:30:52 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



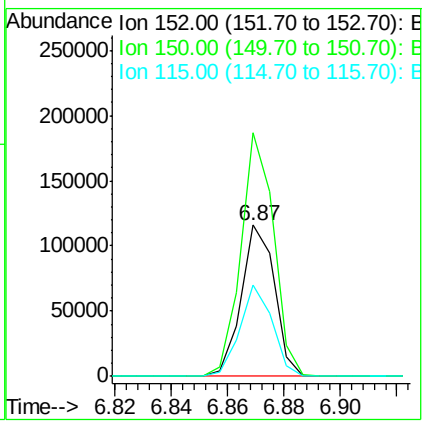


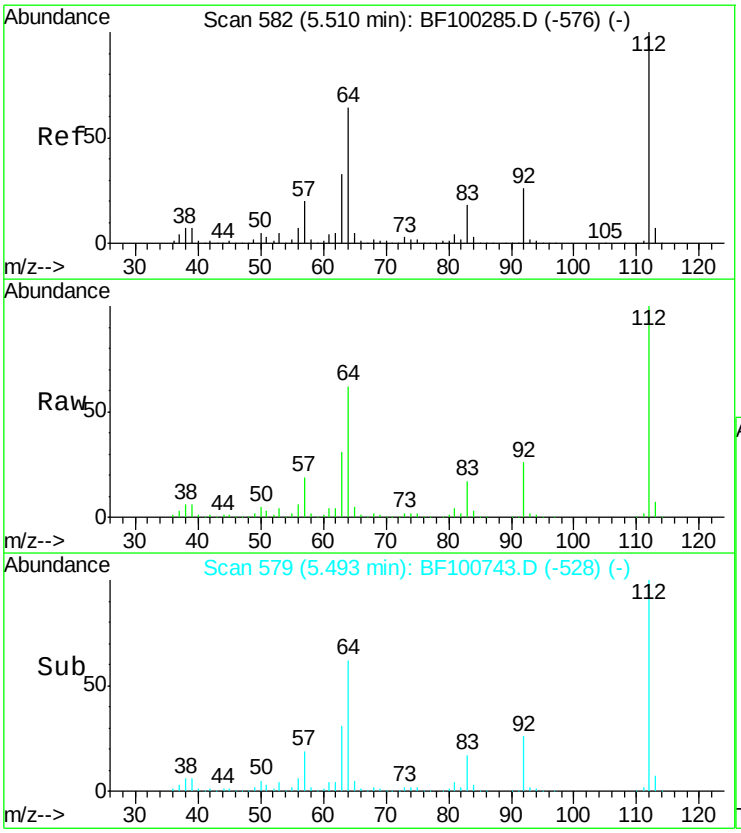
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:152 Resp: 94935

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	60.7	50.1	75.1

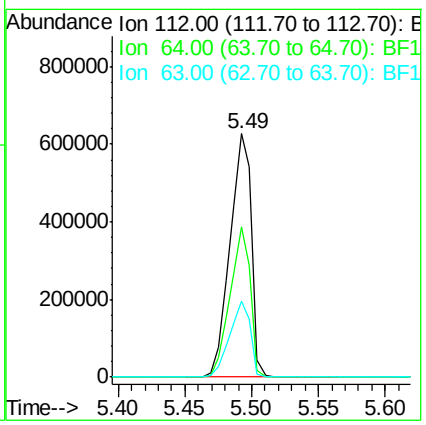


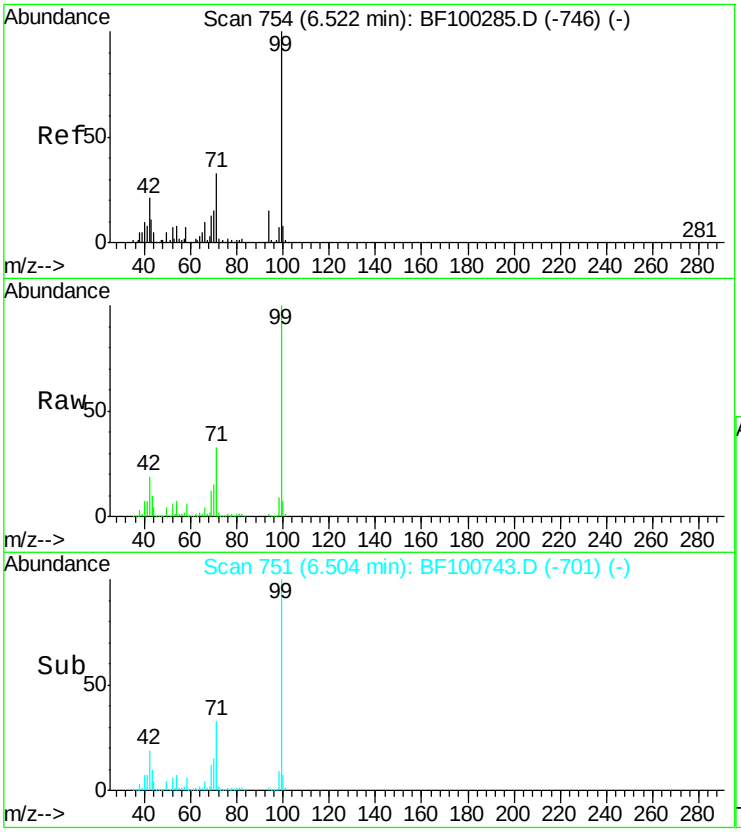


#5
2-Fluorophenol
Concen: 119.47 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:112 Resp: 707553

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.4	23.7	35.5



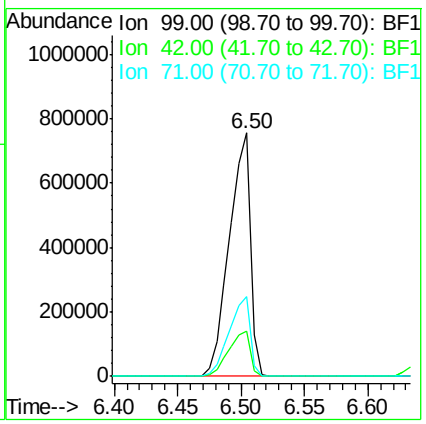


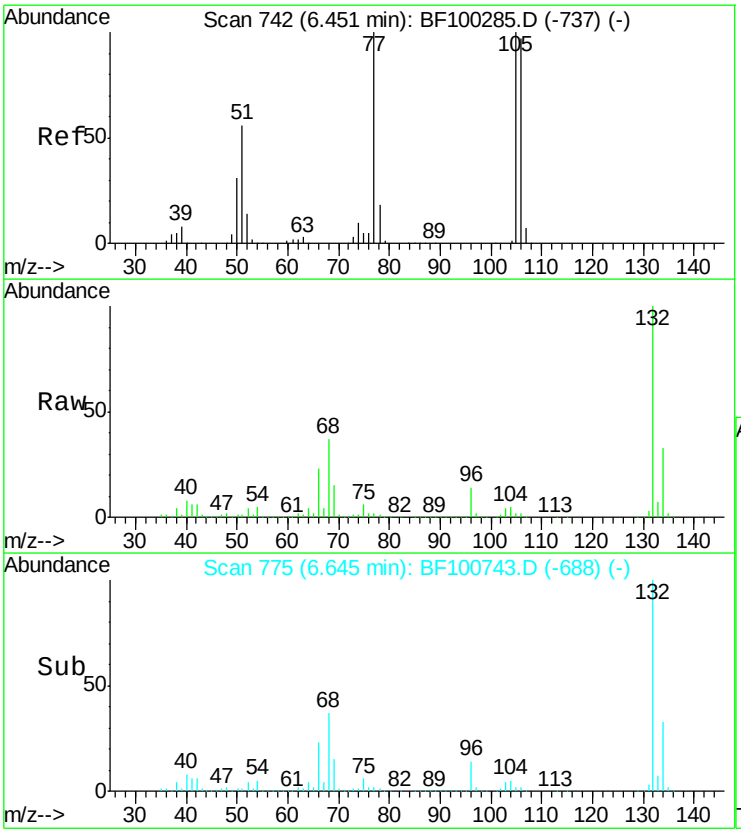
#7
Phenol-d6
Concen: 118.96 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion: 99 Resp: 868784

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.6	25.4	38.0

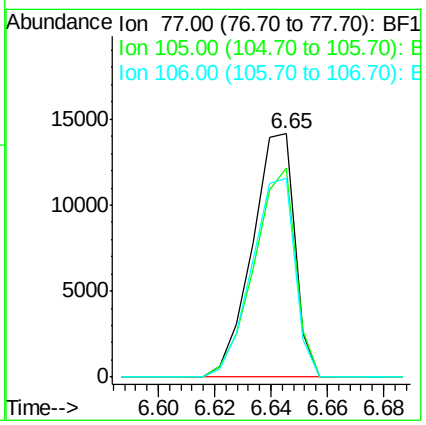


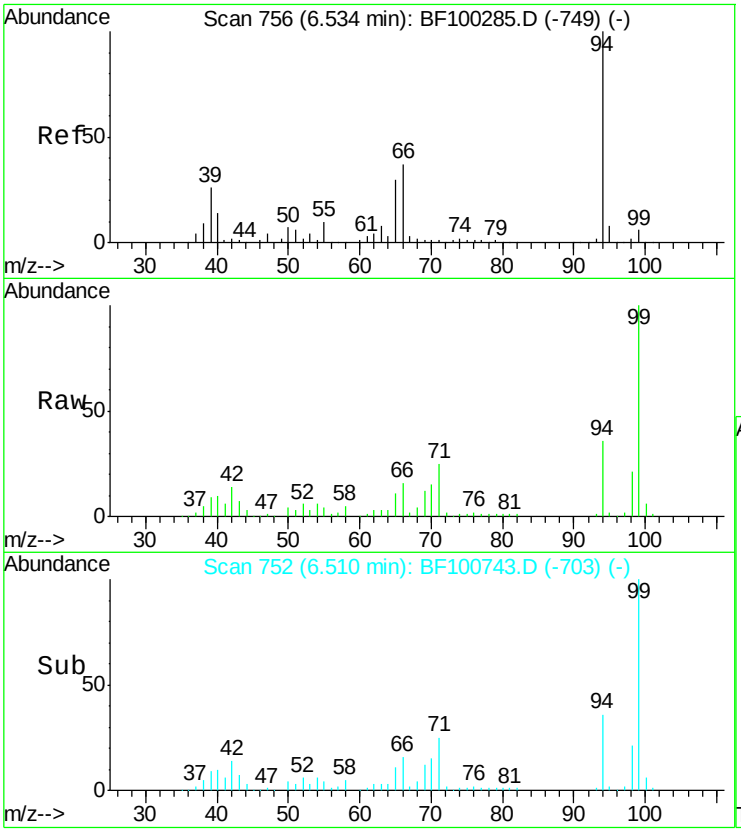


#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion: 77 Resp: 14863

Ion	Ratio	Lower	Upper
77	100		
105	85.9	81.1	121.1
106	81.8	74.5	114.5



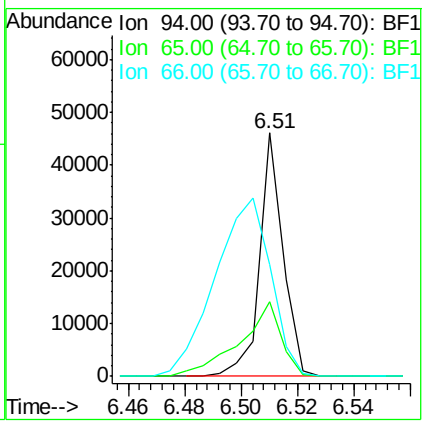


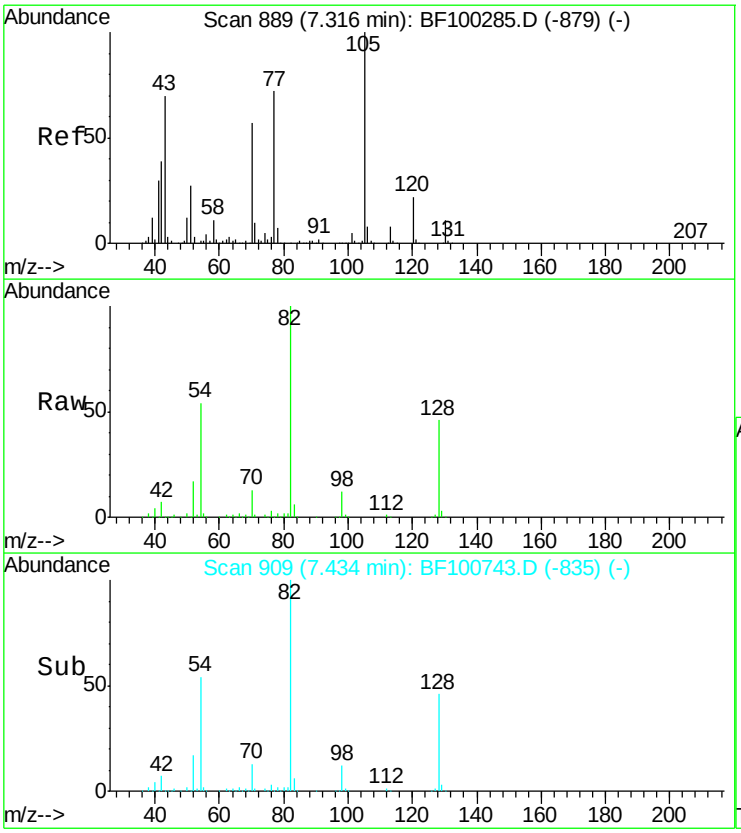
#10
Phenol
Concen: 3.48 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion: 94 Resp: 26642

Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	45.7	16.2	56.2

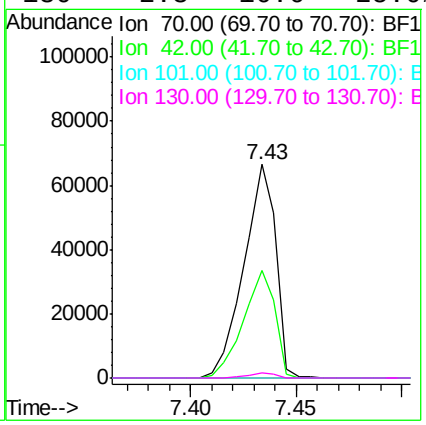


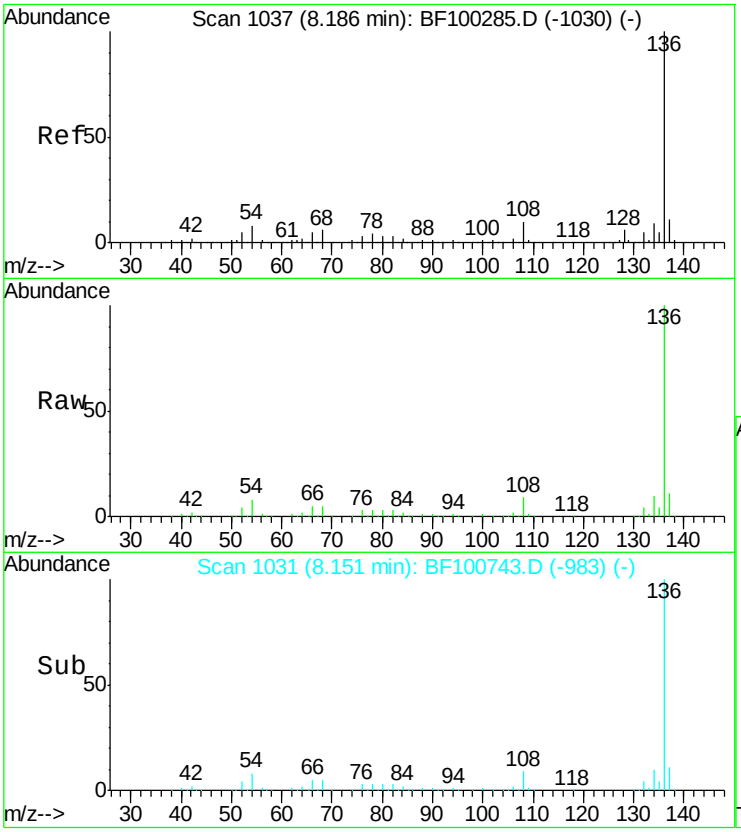


#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion: 70 Resp: 69892

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



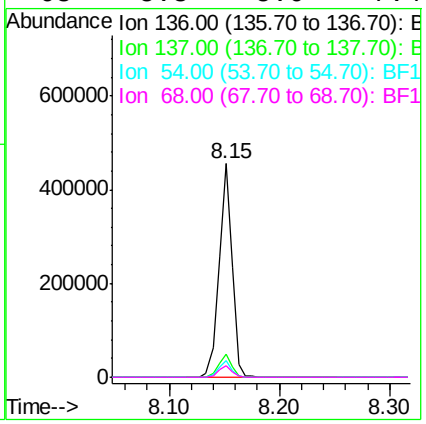


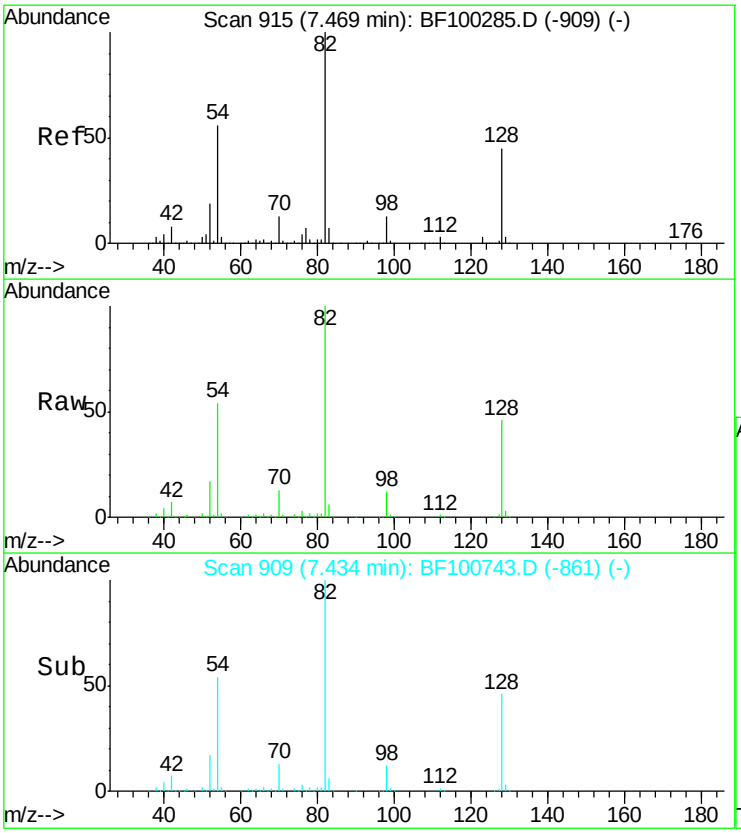
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:136 Resp: 373150

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	5.3	5.0	7.4

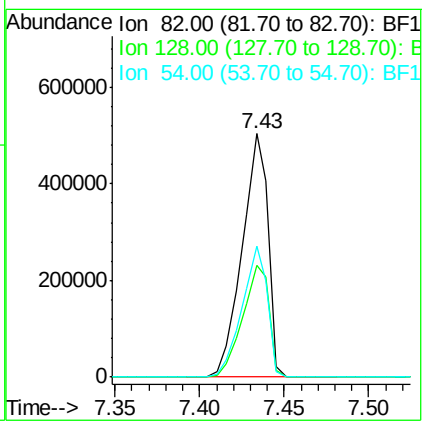


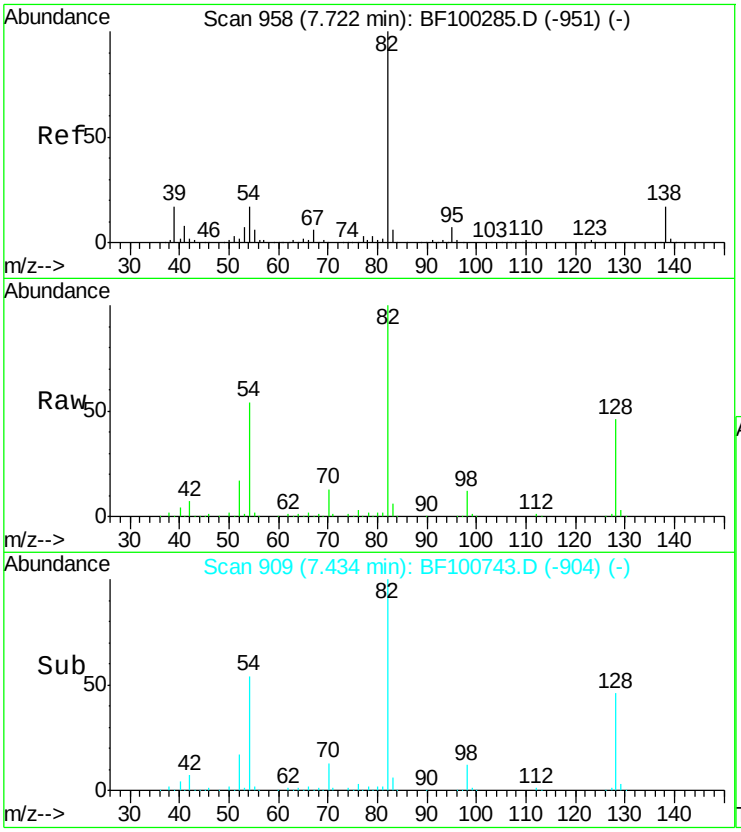


#23
Nitrobenzene-d5
Concen: 95.41 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion: 82 Resp: 538486

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.0	41.4	62.2



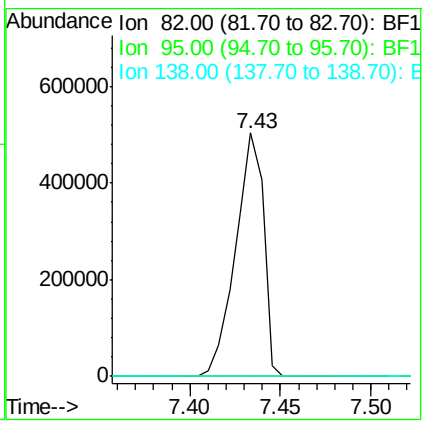


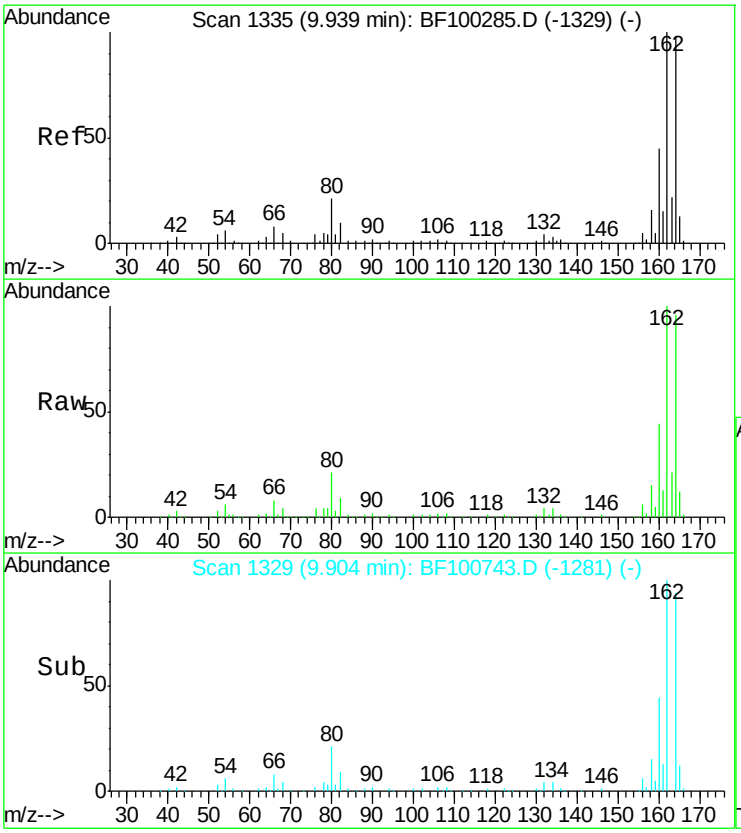
#25
Isophorone
Concen: 45.40 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion: 82 Resp: 538478

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

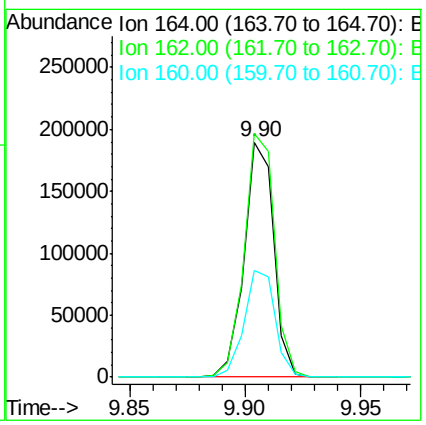


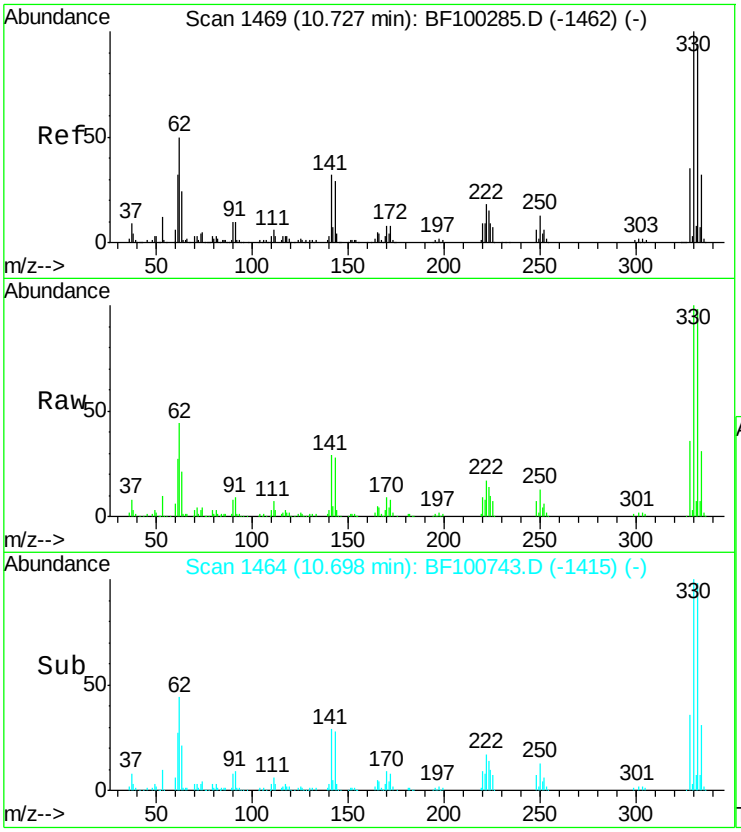


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:164 Resp: 169804

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.3	38.3	57.5



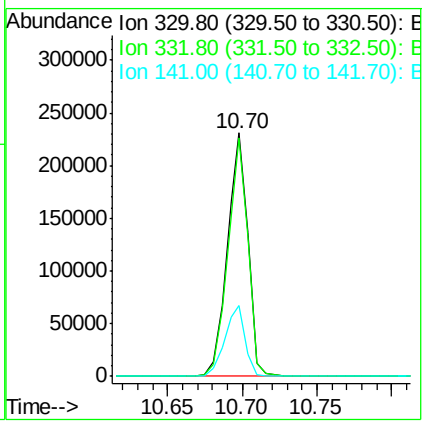


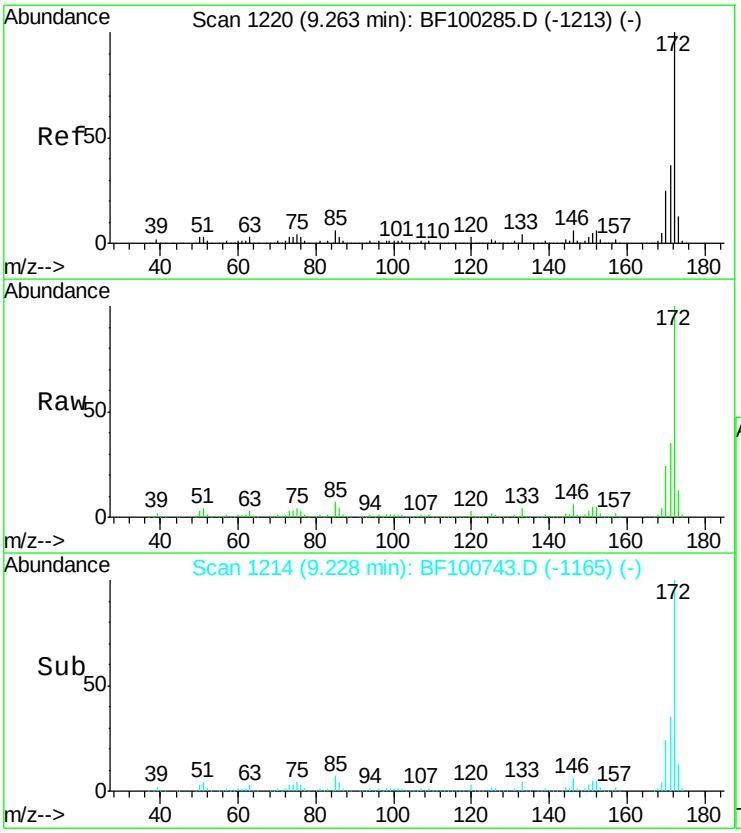
#41
2,4,6-Tribromophenol
Concen: 129.18 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:330 Resp: 223522

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.0	29.9	44.9#

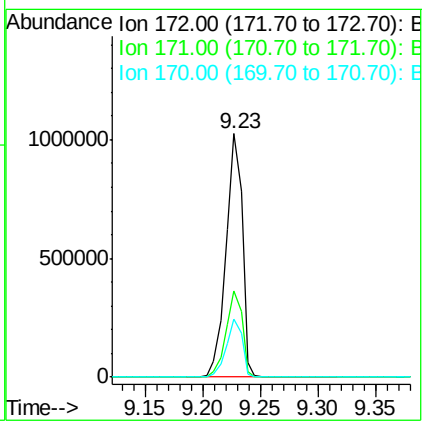


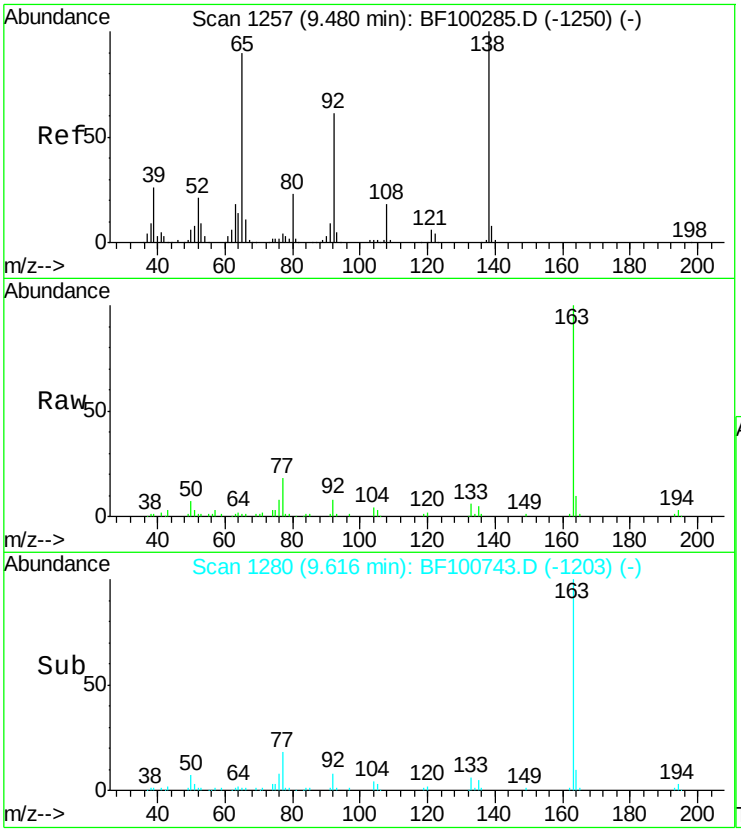


#44
2-Fluorobiphenyl
Concen: 89.26 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:172 Resp: 995356

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	19.6	29.4



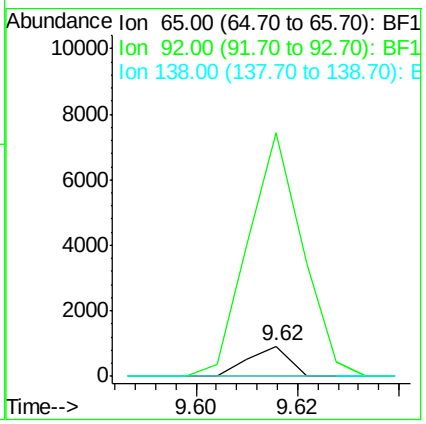


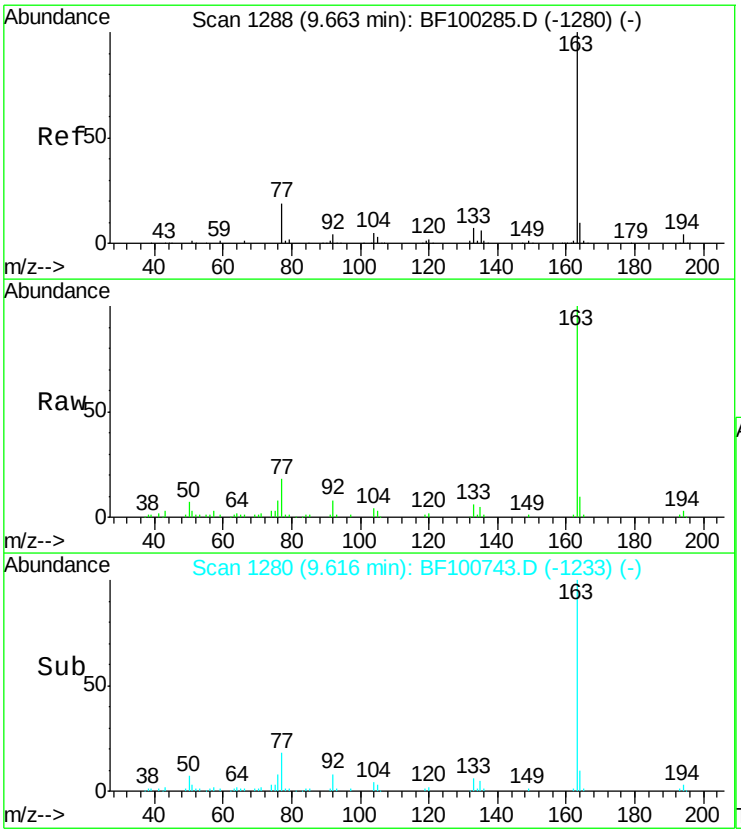
#47
2-Nitroaniline
Concen: 2.94 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion: 65 Resp: 511

Ion	Ratio	Lower	Upper
65	100		
92	800.0	55.8	83.6#
138	0.0	91.2	136.8#

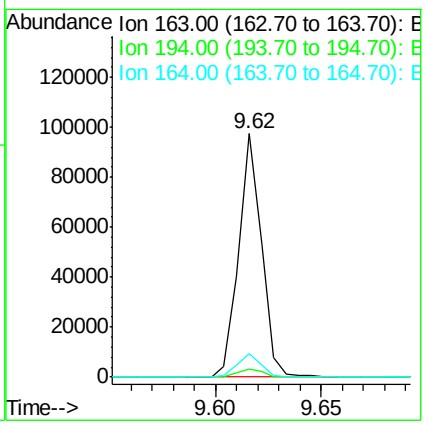


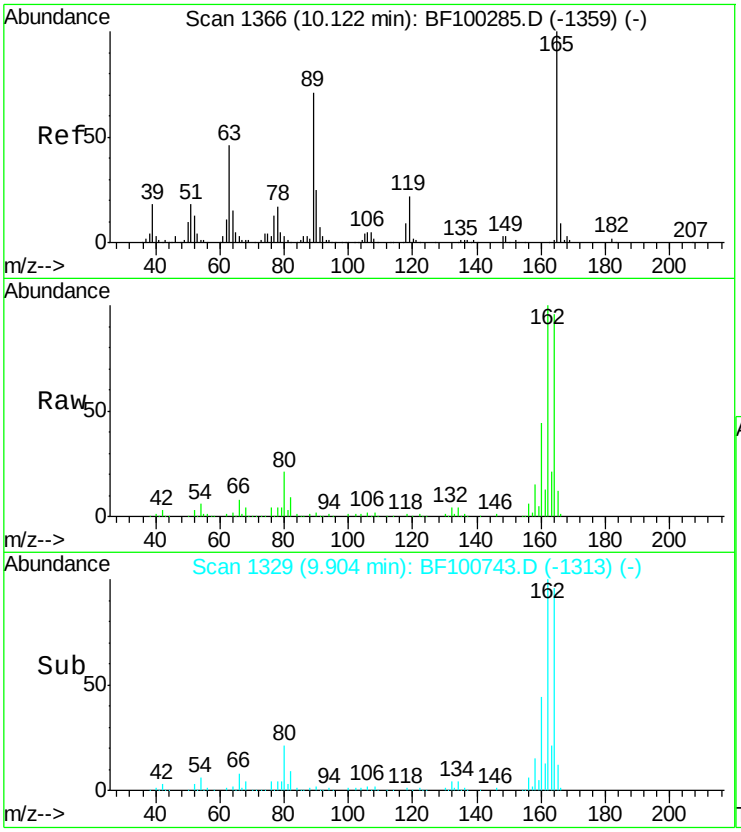


#49
Dimethylphthalate
Concen: 5.59 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:163 Resp: 72467

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



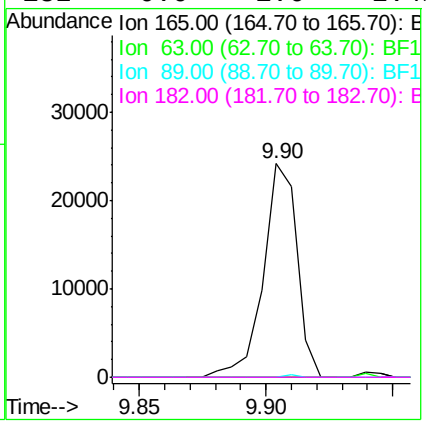


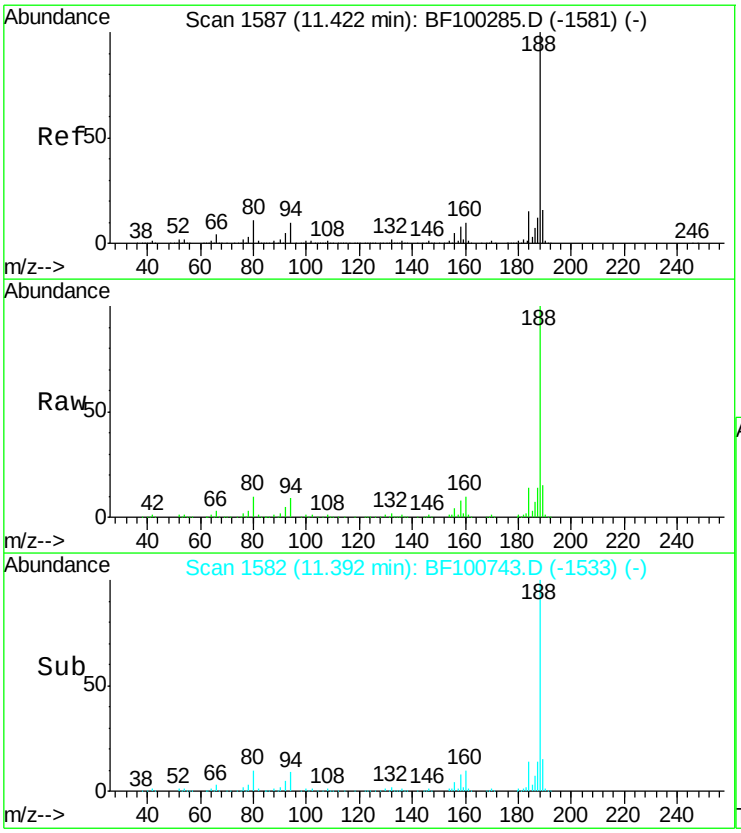
#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:165 Resp: 22599

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

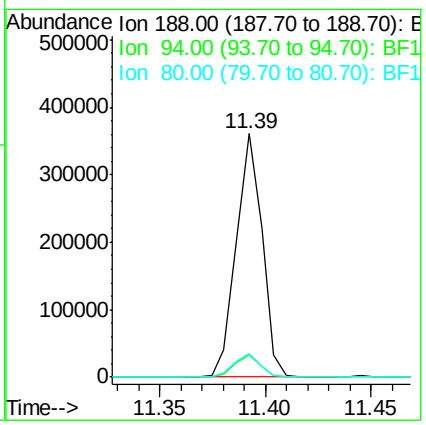


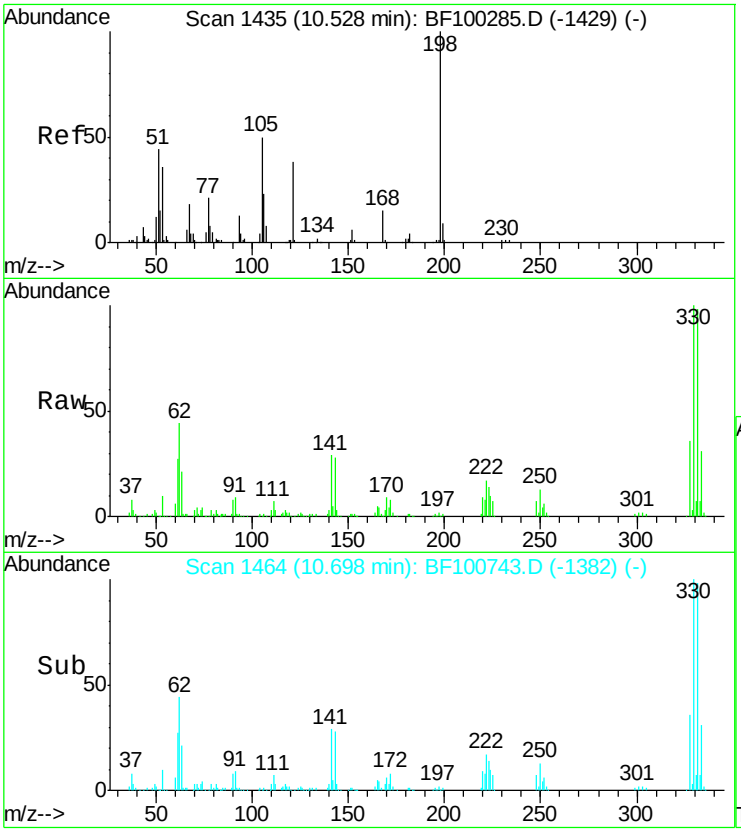


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:188 Resp: 304865

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8



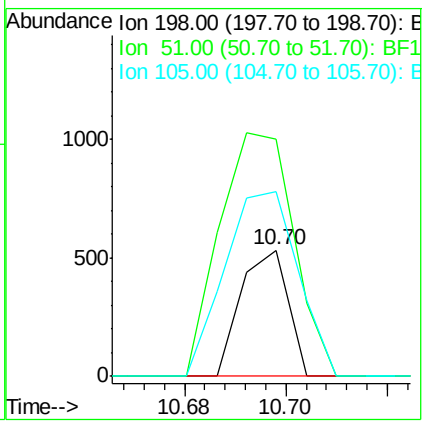


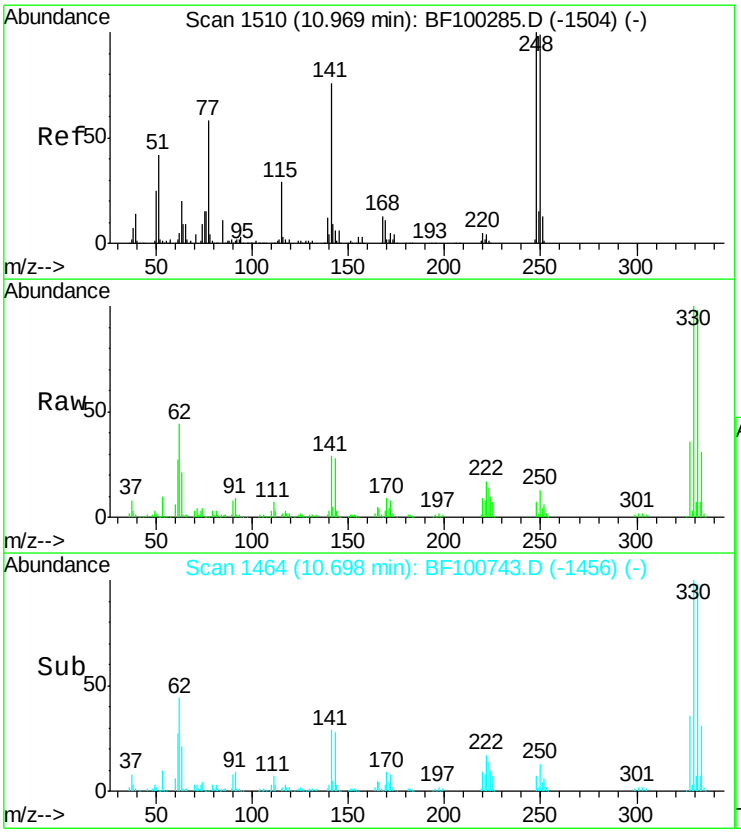
#64
4,6-Dinitro-2-methylphenol
Concen: 8.75 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:198 Resp: 342

Ion	Ratio	Lower	Upper
198	100		
51	188.5	37.7	77.7#
105	146.1	36.3	76.3#

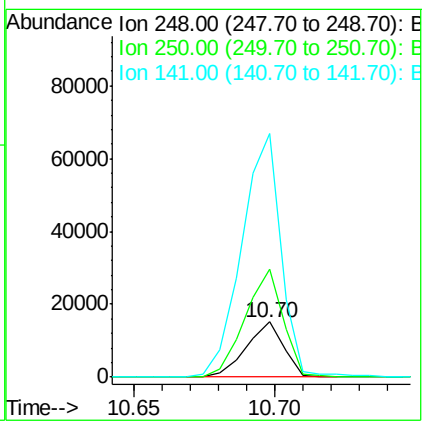


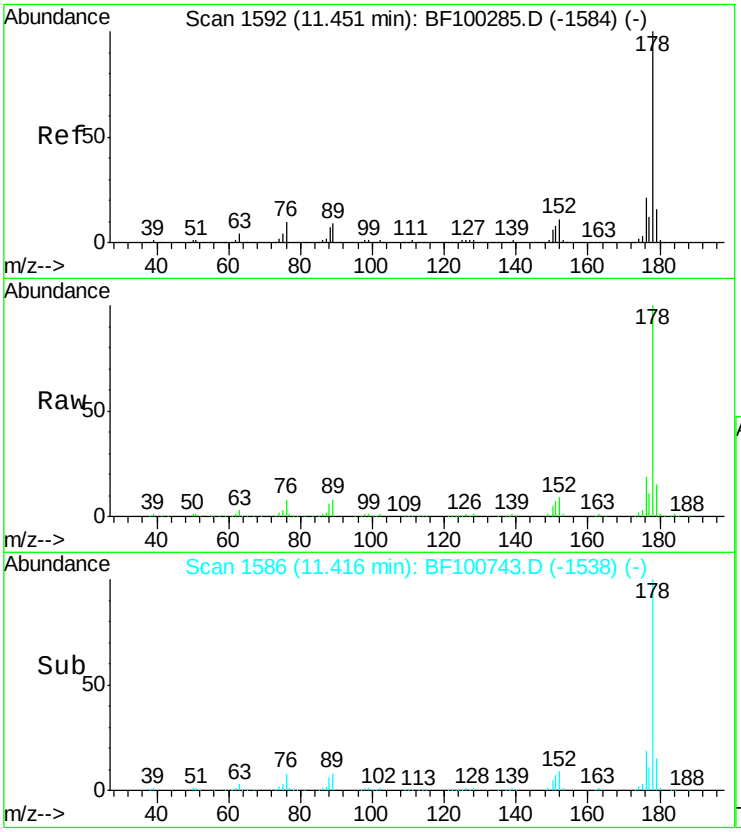


#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:248 Resp: 13832

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.9	115.3#
141	441.5	74.4	111.6#



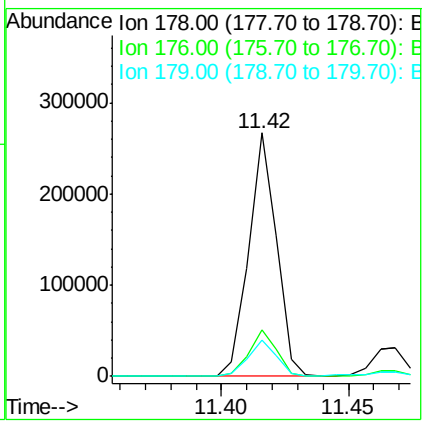


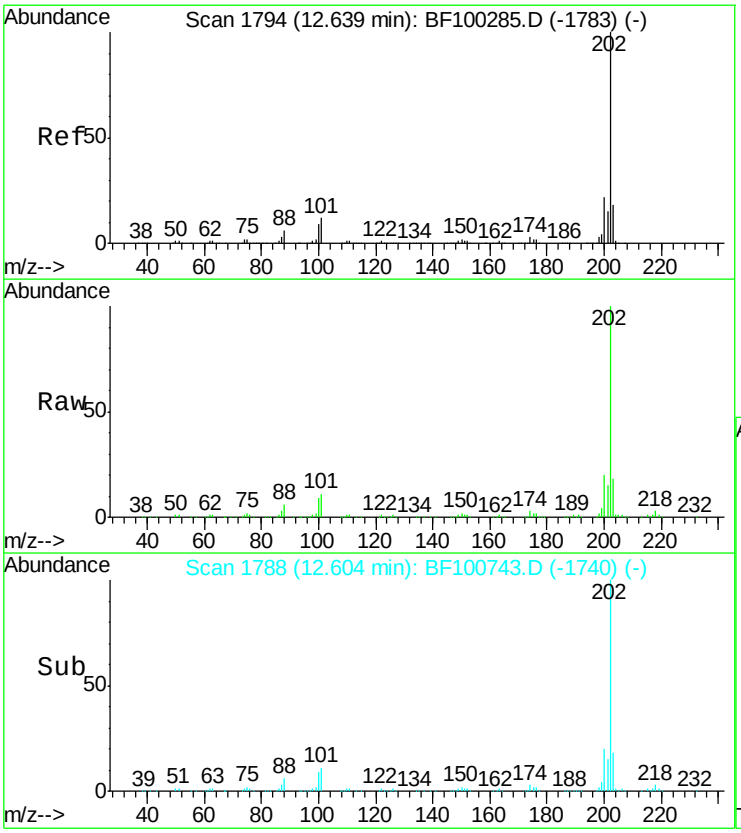
#70
Phenanthrene
Concen: 12.72 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:178 Resp: 204103

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.0	13.0	19.6

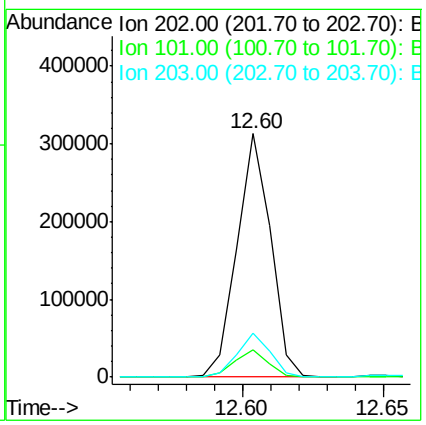


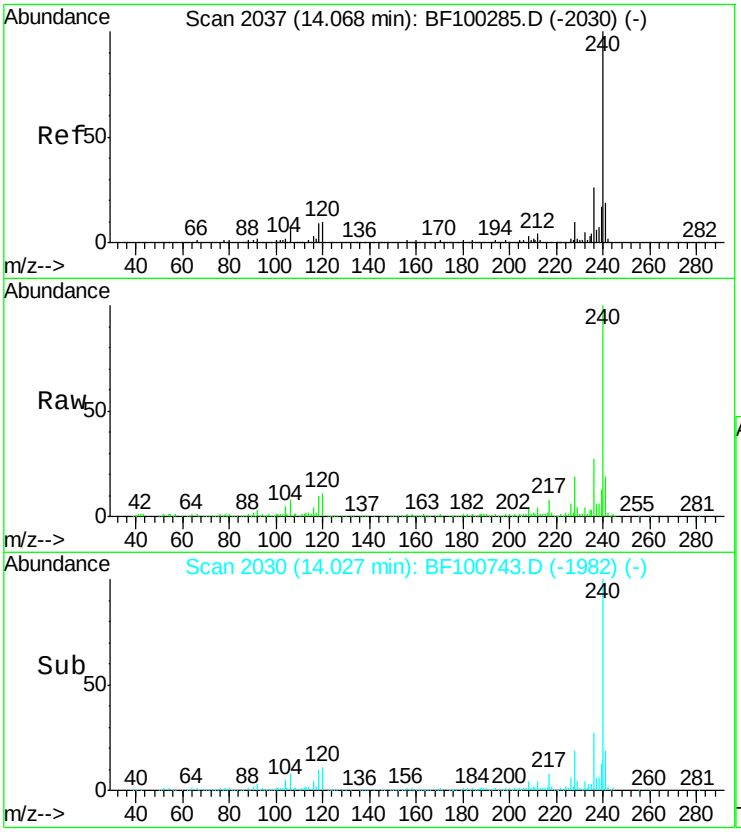


#74
Fluoranthene
Concen: 15.24 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:202 Resp: 259216

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.3	0.0	38.1



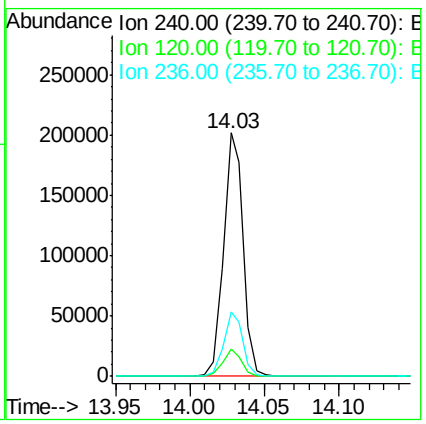


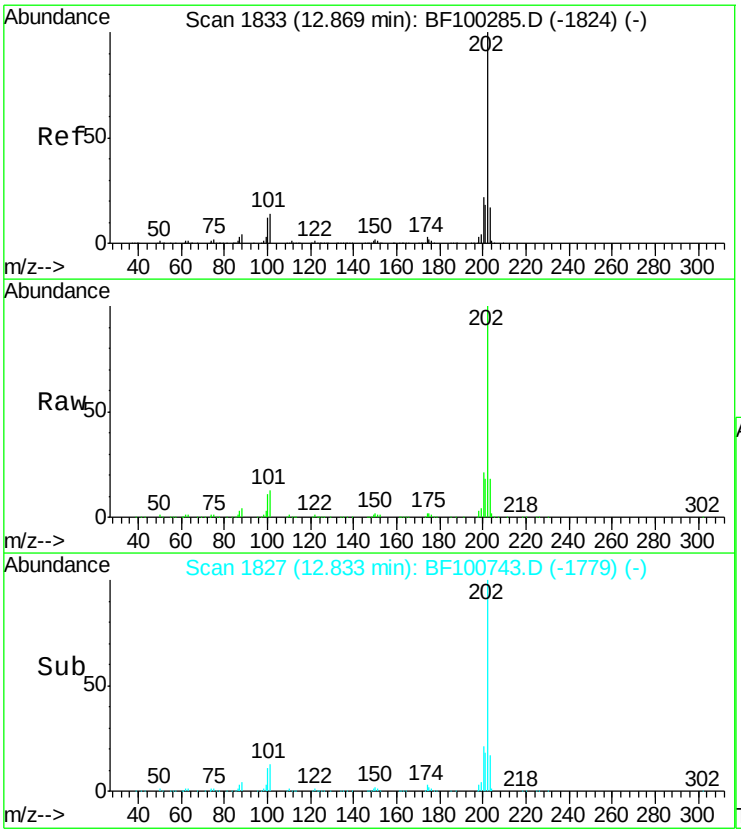
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:240 Resp: 187675

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.5	20.7	31.1

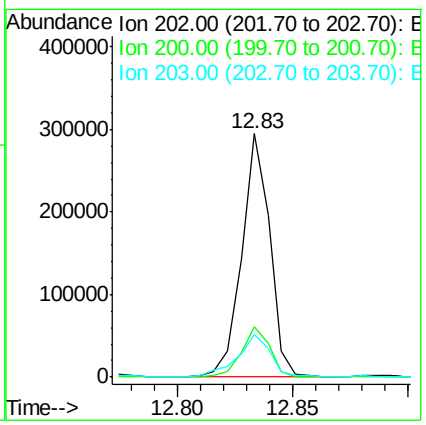


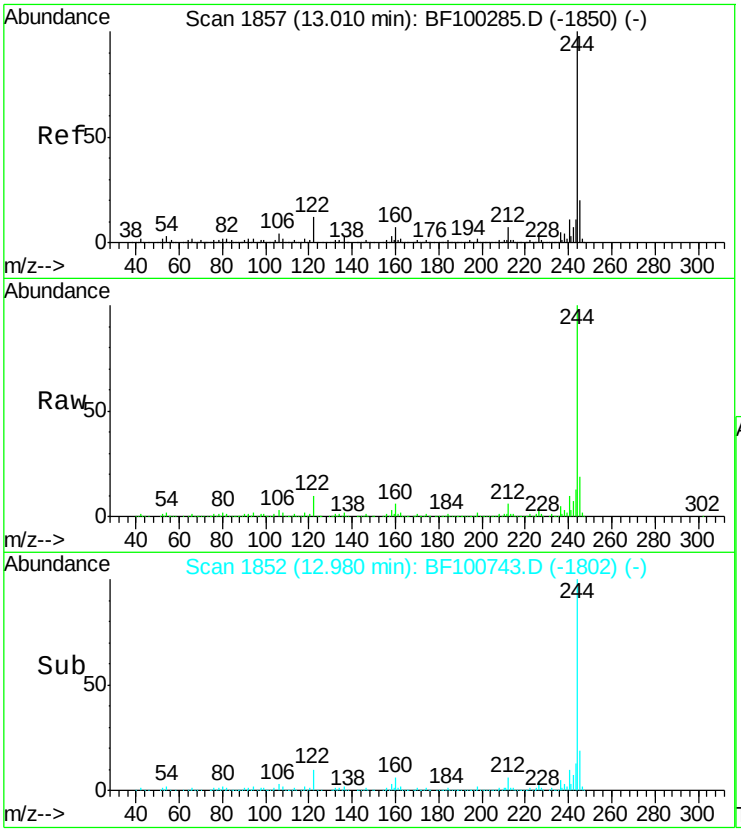


#77
Pyrene
Concen: 18.69 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:202 Resp: 250075

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.7	14.3	21.5



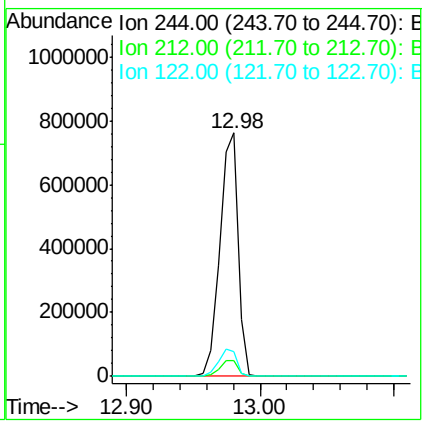


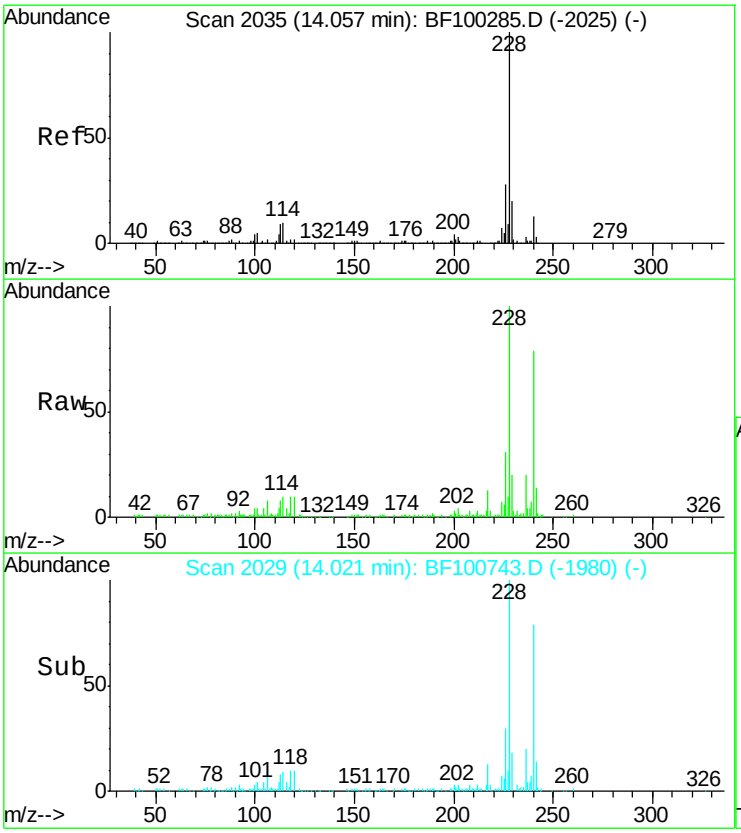
#78
Terphenyl-d14
Concen: 90.48 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:244 Resp: 739045

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.9	11.0	16.4#

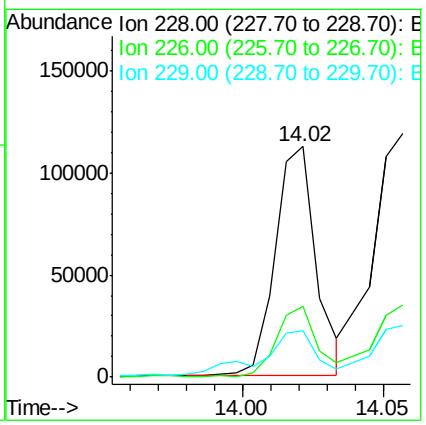


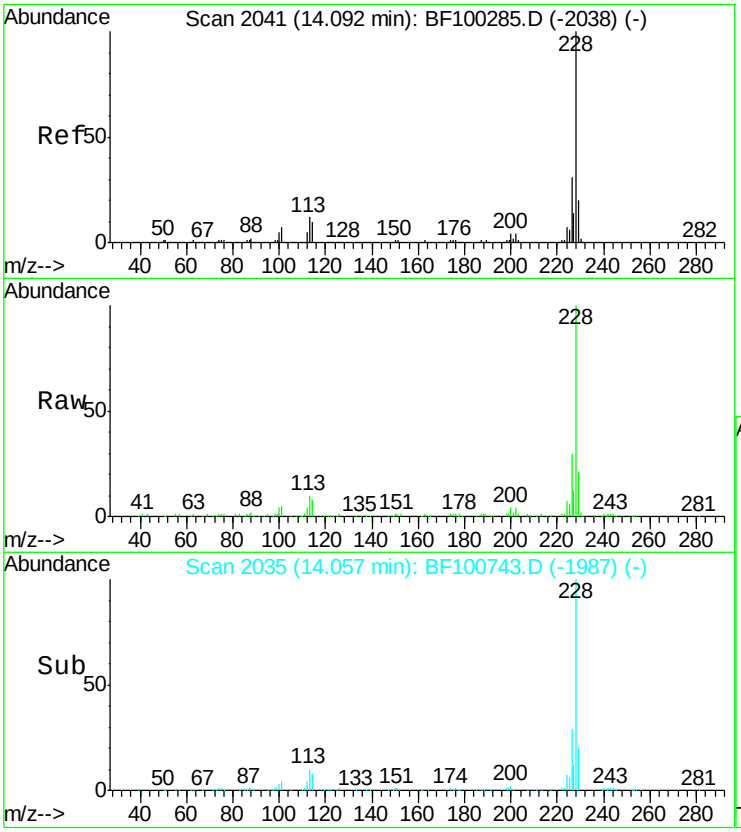


#80
Benzo(a)anthracene
Concen: 9.98 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:228 Resp: 112794

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	20.0	15.8	23.6



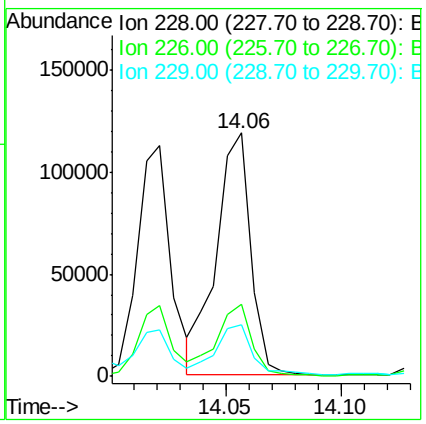


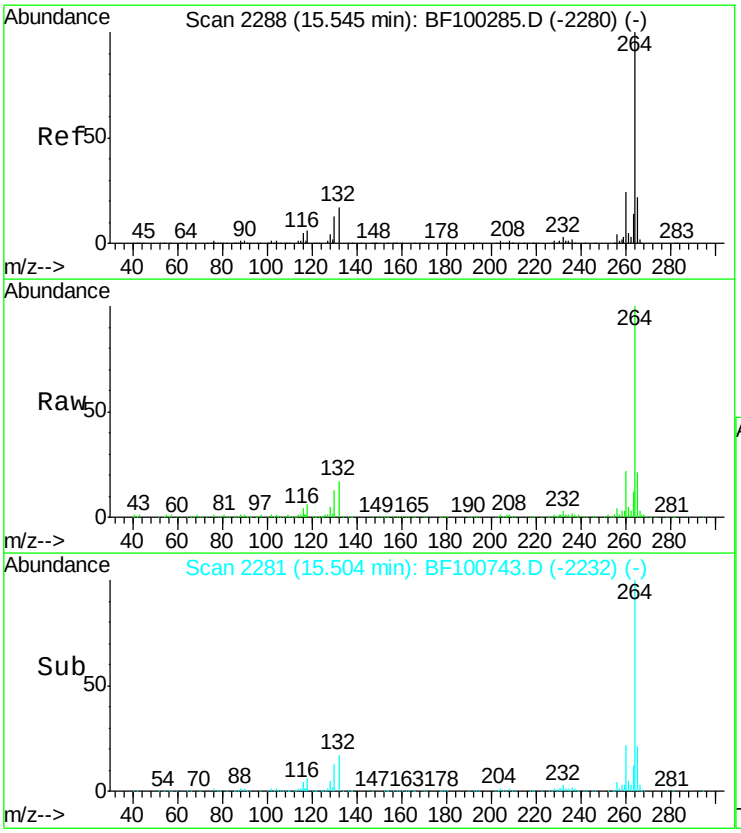
#82
Chrysene
Concen: 11.25 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:228 Resp: 123095

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.0	16.2	24.4

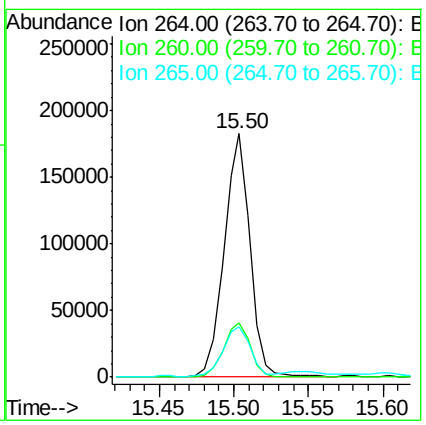


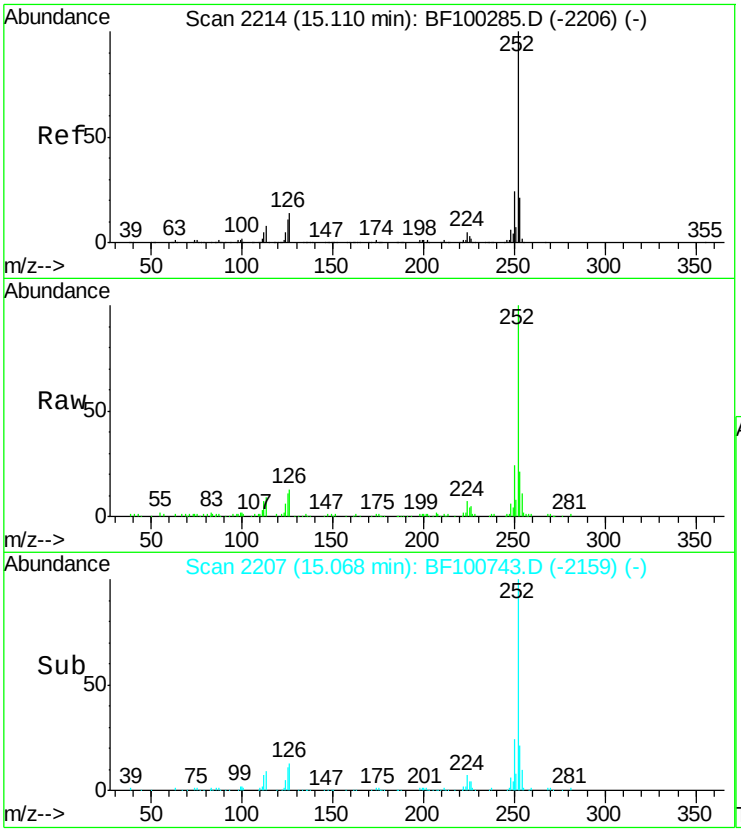


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:264 Resp: 222474

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.9	17.5	26.3



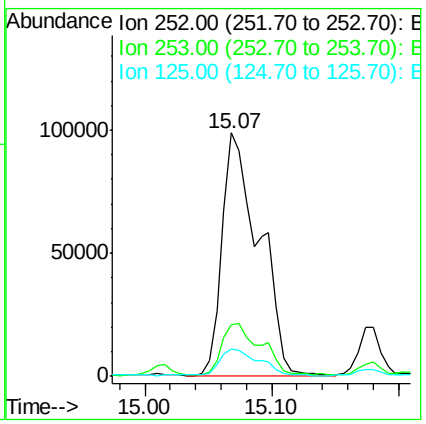


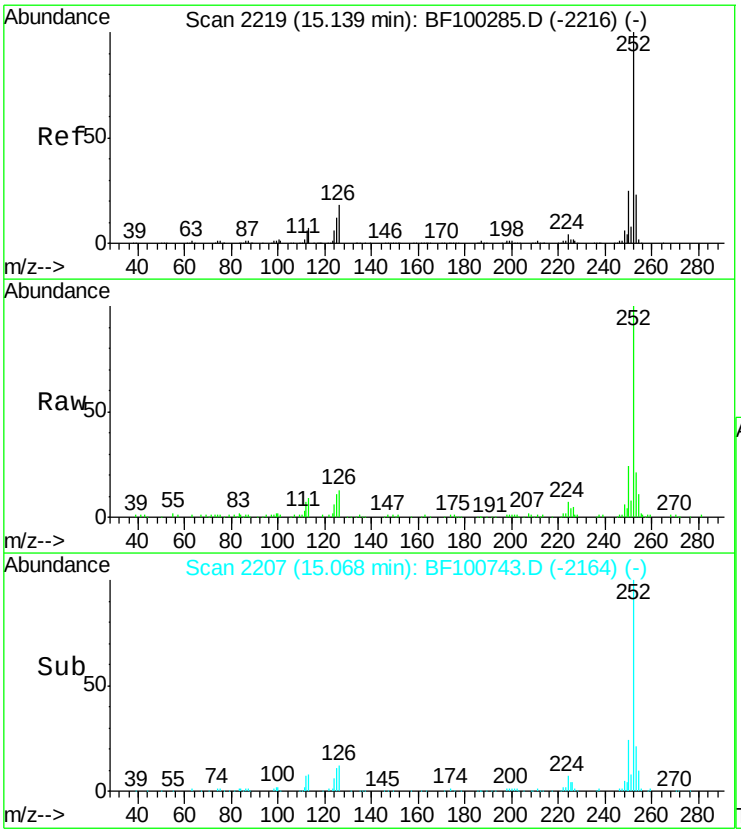
#87
Benzo(b)fluoranthene
Concen: 15.23 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:252 Resp: 200737

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.4	9.0	13.6

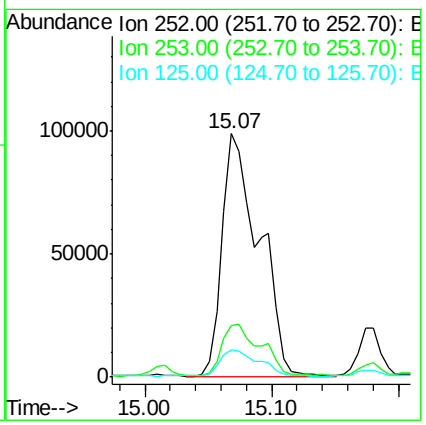


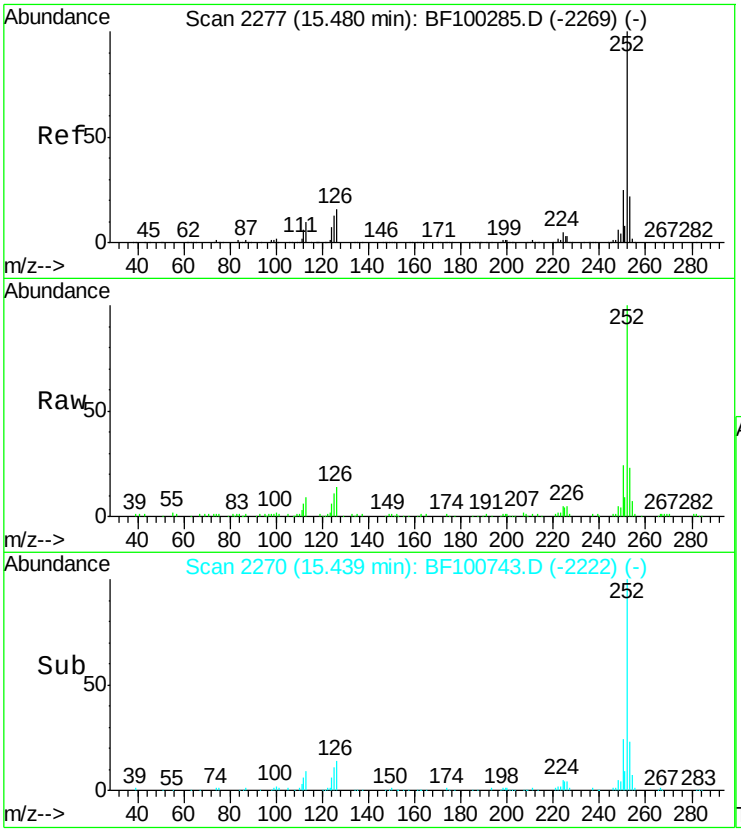


#88
Benzo(k)fluoranthene
Concen: 16.12 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:252 Resp: 200737

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.4	10.2	15.2



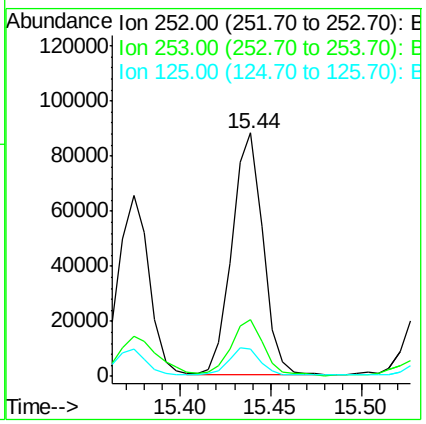


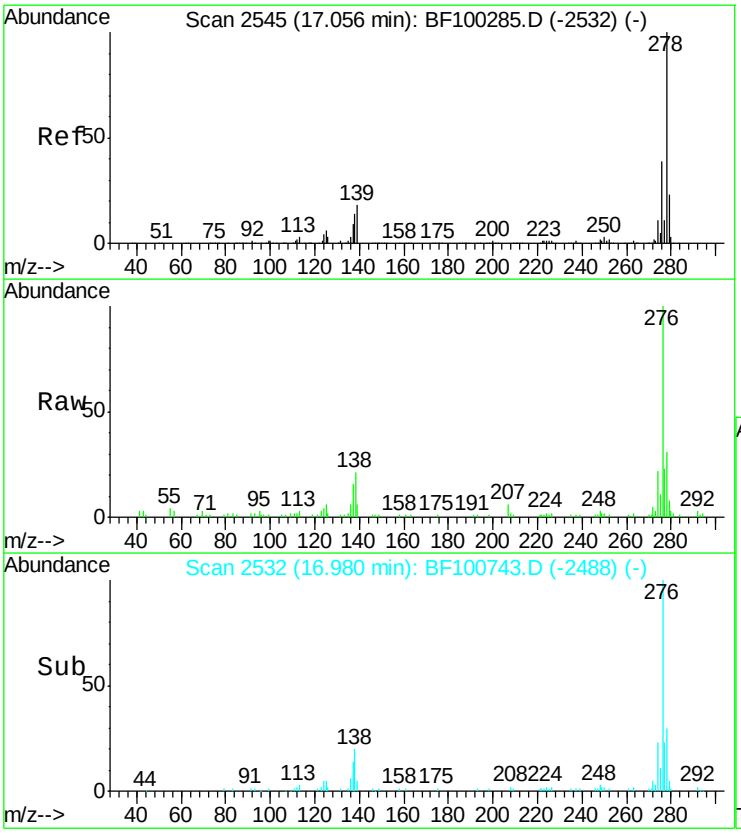
#89
Benzo(a)pyrene
Concen: 8.98 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:252 Resp: 104911

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.0	9.8	14.6

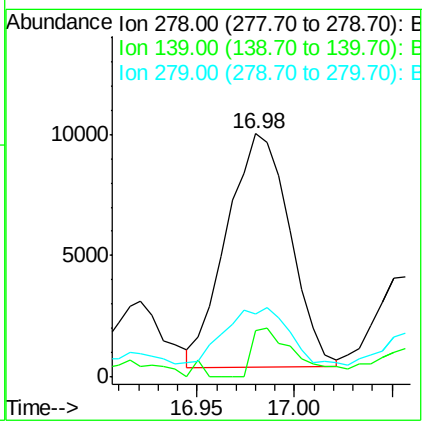


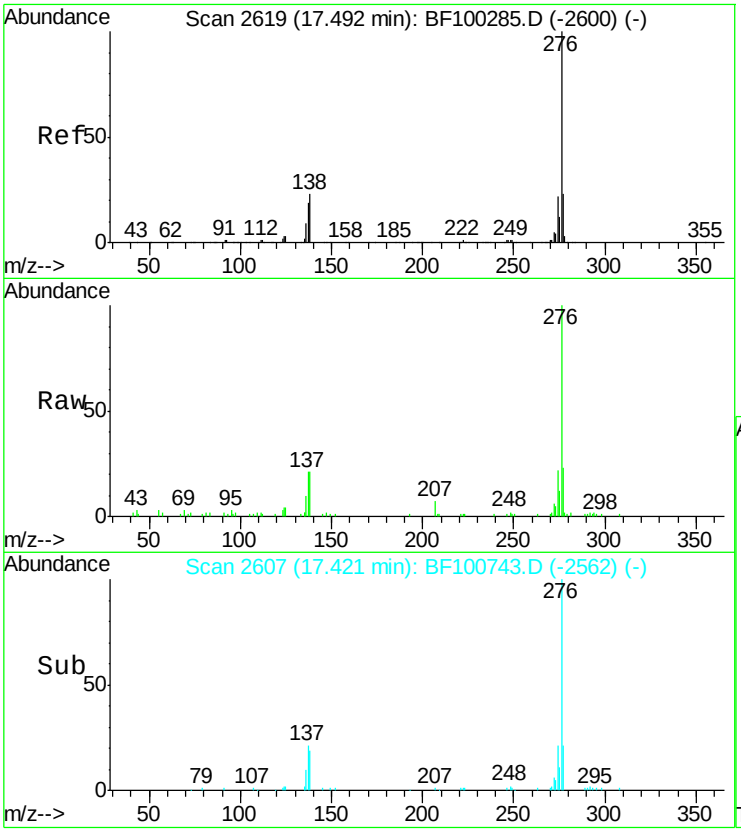


#90
Dibenzo(a,h)anthracene
Concen: 2.26 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Tgt Ion:278 Resp: 21637

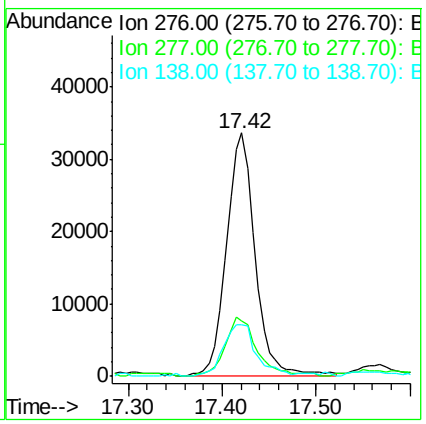
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	25.8	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 7.63 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.04 min
Lab File: BF100743.D
Acq: 20 Nov 2017 21:13

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:276 Resp: 71411

Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	21.0	21.8	32.8#