Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100513.D
Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-111017

Quant Time: Nov 14 00:53:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	77500	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	284808	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	117977	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	181398	20.00	ng		0.00
75) Chrysene-d12	14.06	240	160832	20.00	ng		0.00
86) Perylene-d12	15.53	264	119652	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	111397	23.04	ng		0.00
7) Phenol-d6	6.50	99	133347	22.37	ng		-0.01
23) Nitrobenzene-d5	7.45	82	75714	17.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	26810	22.30	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	152113	19.63	ng		0.00
78) Terphenyl-d14	13.00	244	103637	14.81	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	10341	2.50	ng	#	79
25) Isophorone	7.45	82	75714	8.36	ng	#	64
47) 2-Nitroaniline	9.64	65	131	2.84	ng	#	1
49) Dimethylphthalate	9.64	163	26636	2.96	ng		98
50) 2,6-Dinitrotoluene	9.93	165	15678	8.79	ng	#	25
56) 2,4-Dinitrotoluene	9.93	165	15678	6.97	ng	#	22
70) Phenanthrene	11.44	178	73061	7.65	ng		98
71) Anthracene	11.49	178	22663	2.34	ng		98
74) Fluoranthene	12.63	202	126174	12.47	ng		93
77) Pyrene	12.86	202	115595	10.08	ng		99
80) Benzo(a)anthracene	14.04	228	57250	5.91	ng		96
82) Chrysene	14.08	228	51140	5.45	ng		96
85) Indeno(1,2,3-cd)pyrene	17.02	276	18538	2.44	ng	#	86
87) Benzo(b)fluoranthene	15.10	252	64292	9.07	ng		96
88) Benzo(k)fluoranthene	15.10	252	64292	9.60	ng		99
89) Benzo(a)pyrene	15.47	252	31791	5.06	ng	#	89
91) Benzo(g,h,i)perylene	17.47	276	18742	3.73	ng	#	89

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100513.D
Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Quant Time: Nov 14 00:53:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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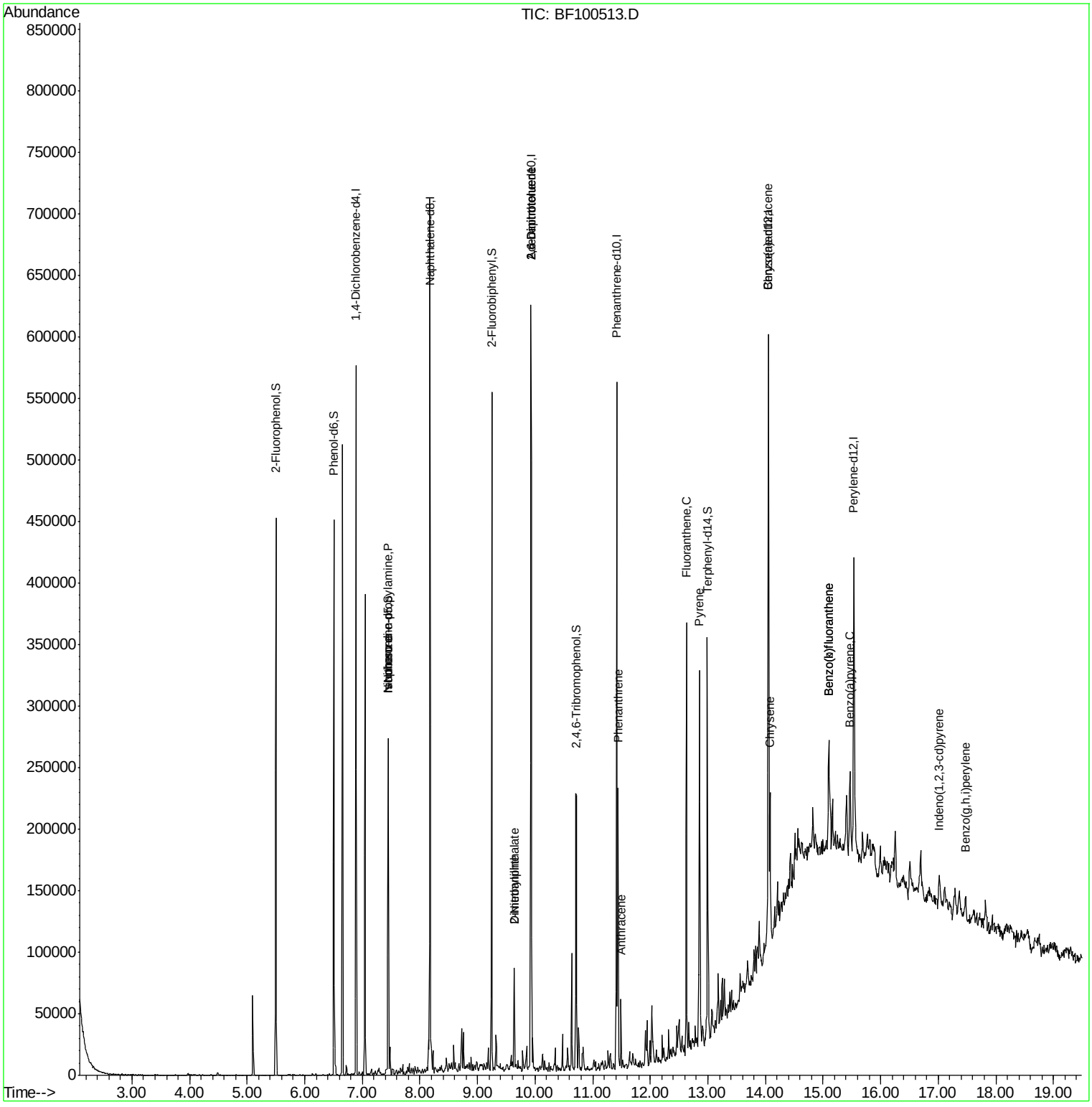
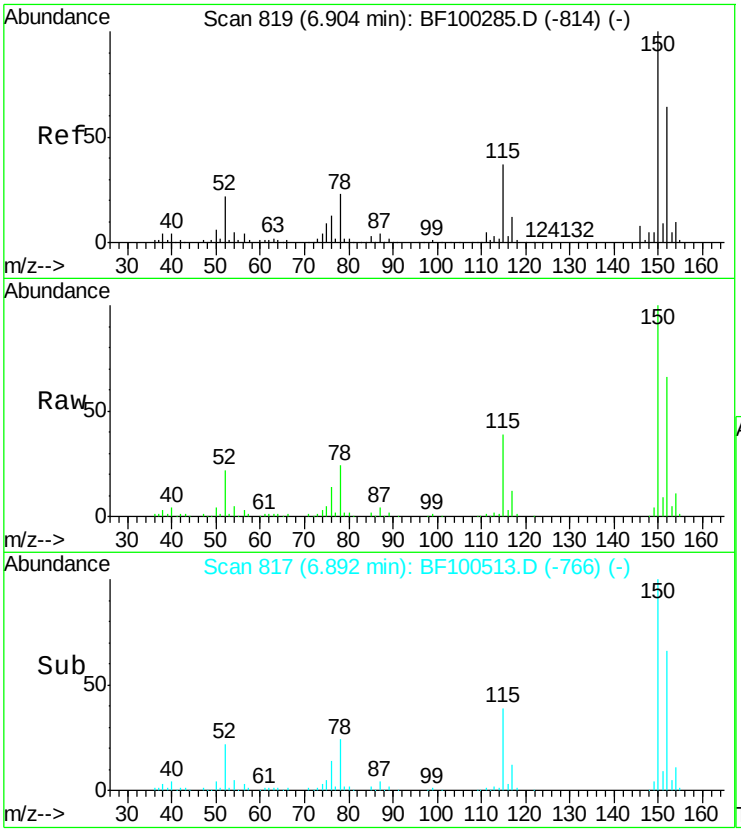


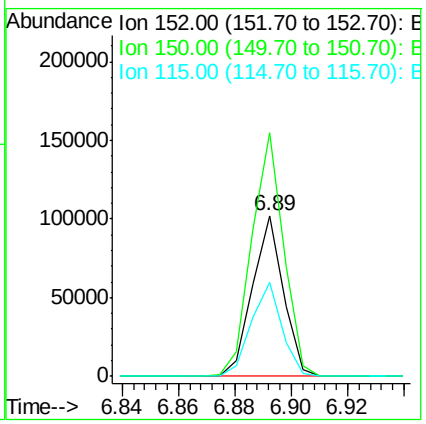


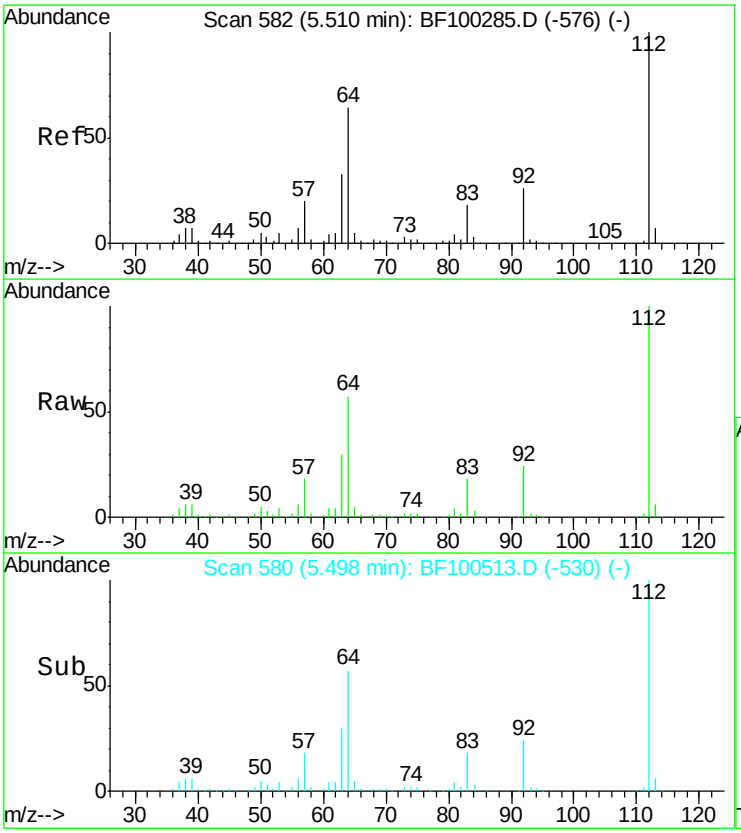
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:152 Resp: 77500

Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.6	186.8
115	58.6	50.1	75.1

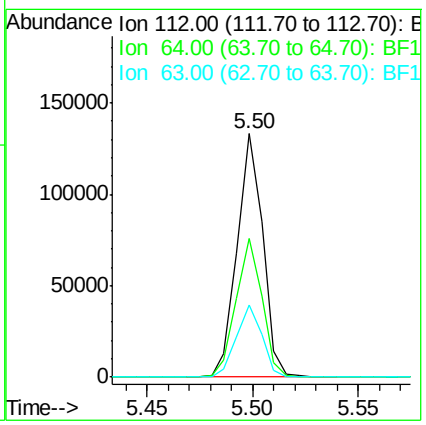


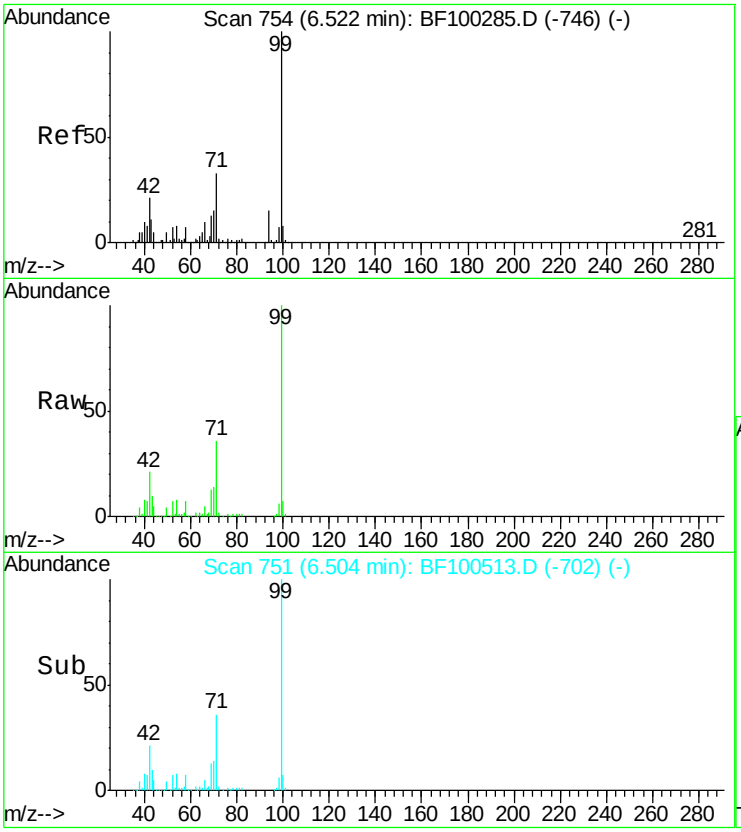


#5
2-Fluorophenol
Concen: 23.04 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:112 Resp: 111397

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.7	23.7	35.5



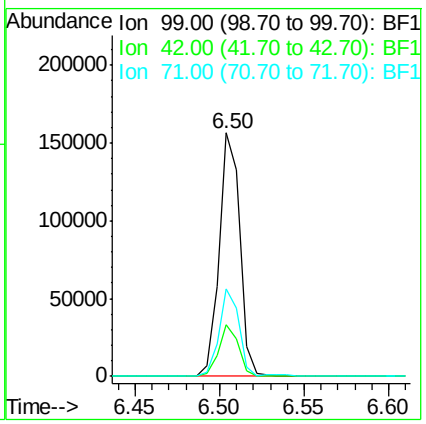


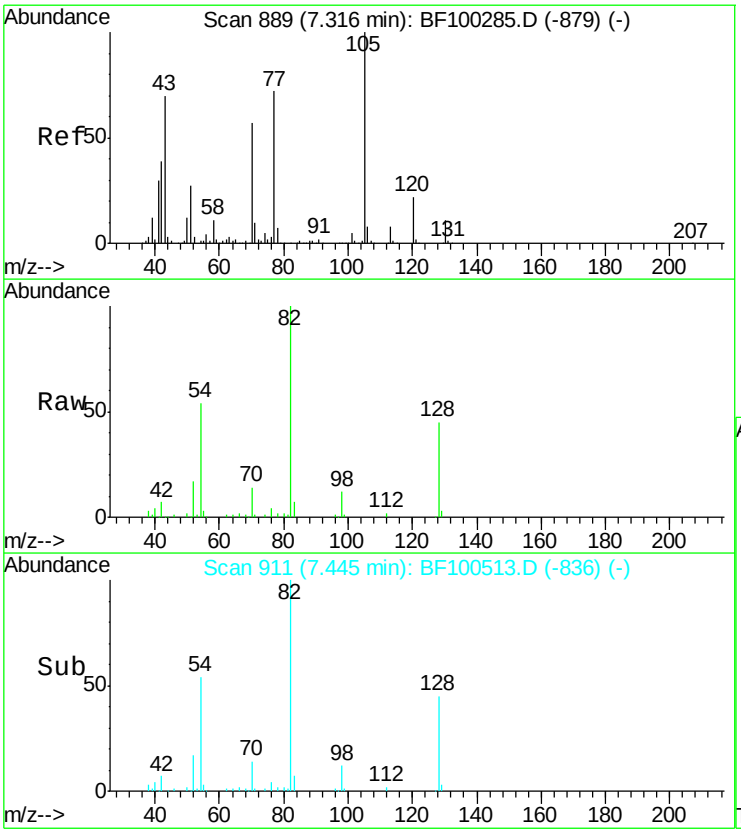
#7
Phenol-d6
Concen: 22.37 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion: 99 Resp: 133347

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	36.2	25.4	38.0

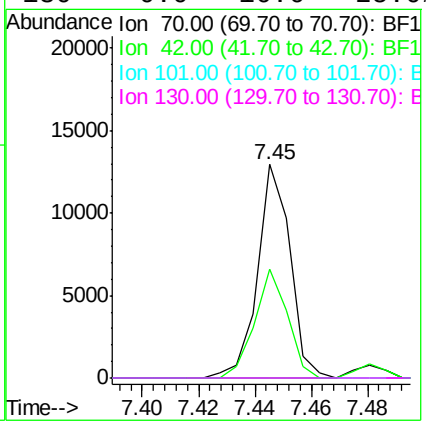


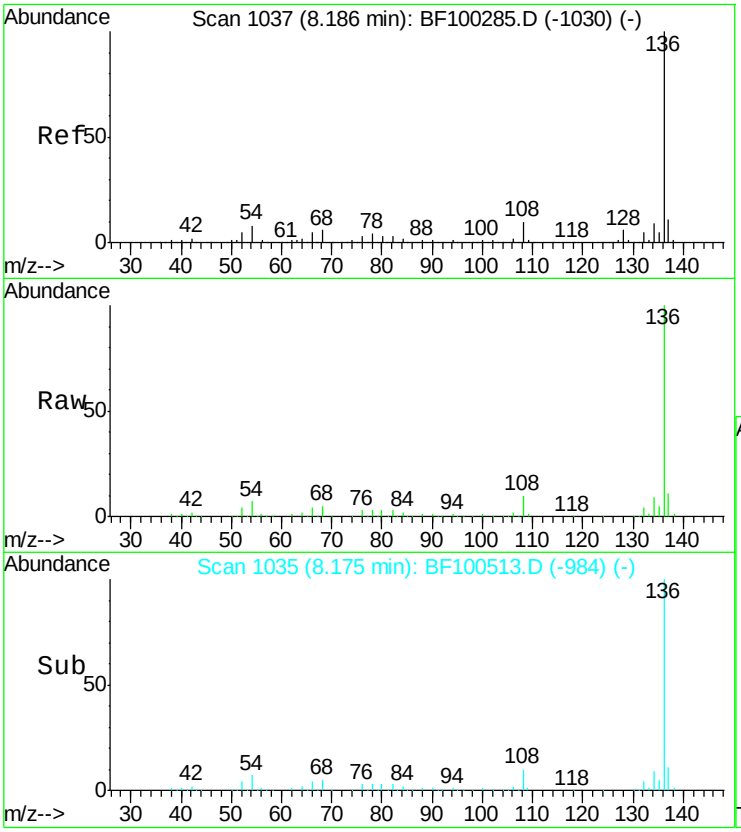


#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion: 70 Resp: 10341

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



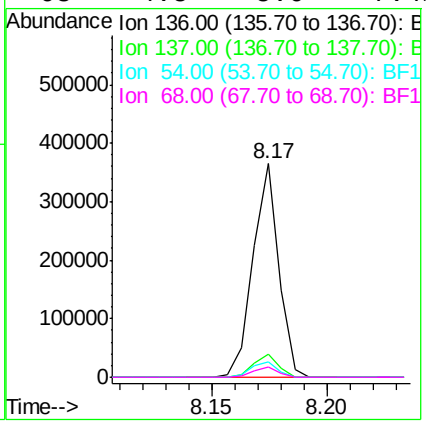


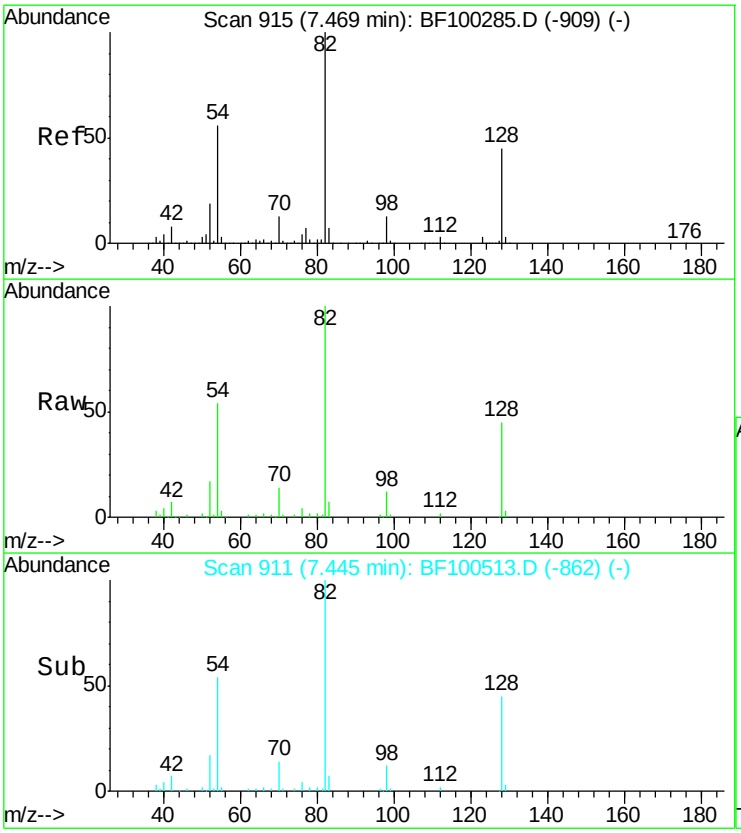
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:136 Resp: 284808

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	4.5	5.0	7.4#

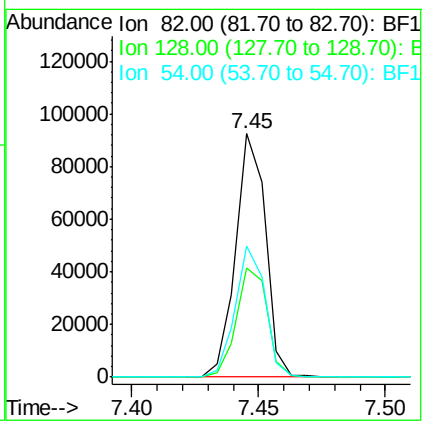


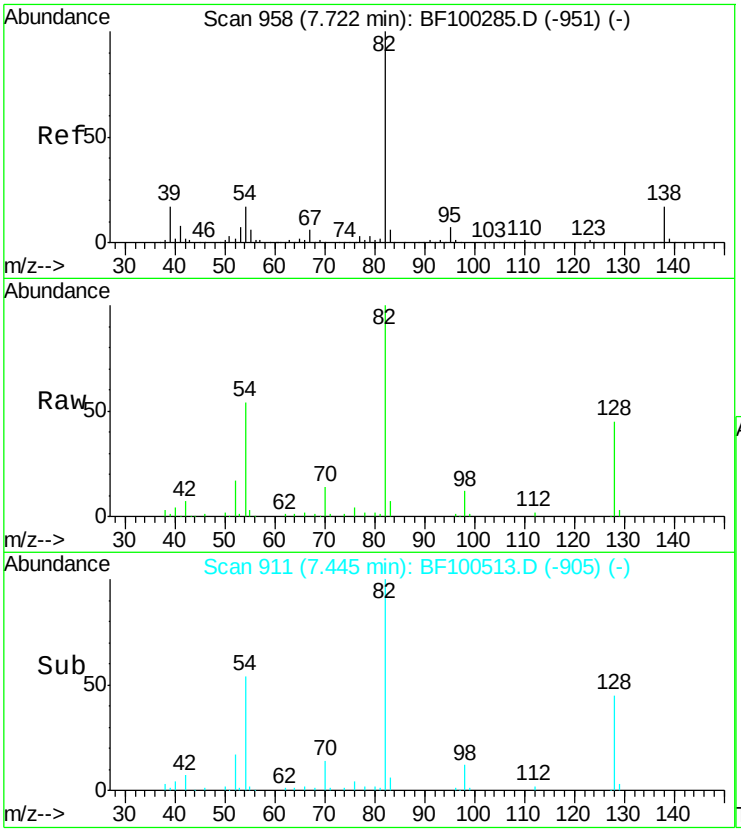


#23
Nitrobenzene-d5
Concen: 17.58 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion: 82 Resp: 75714

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	53.6	41.4	62.2



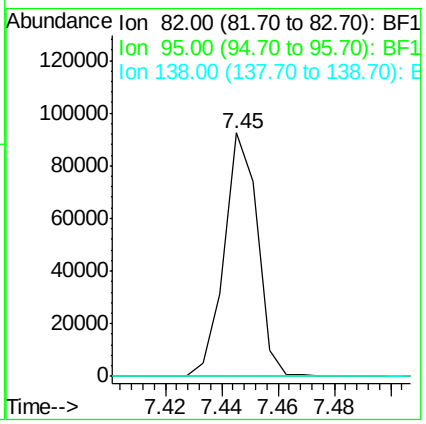


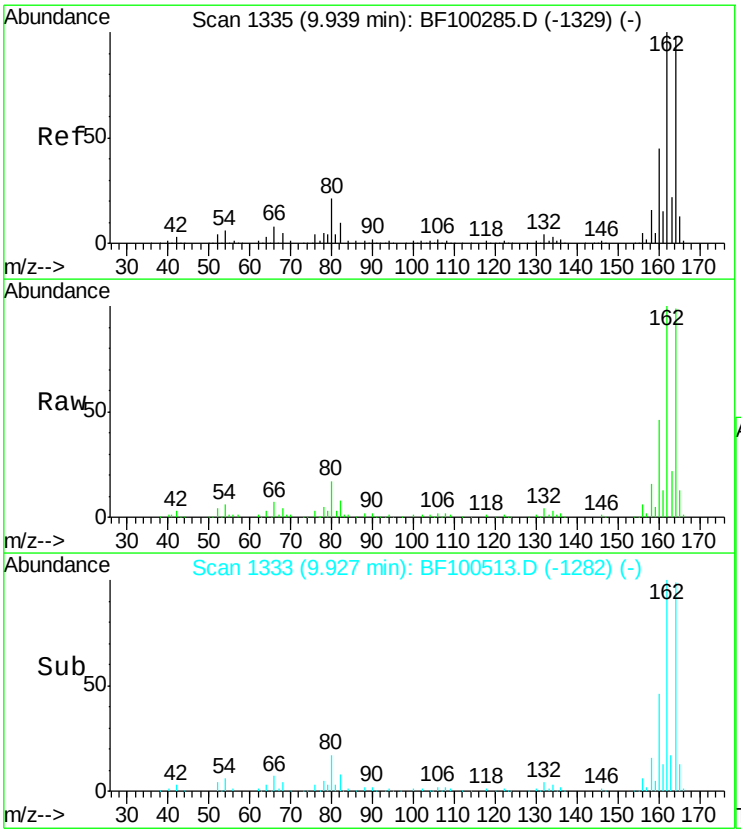
#25
Isophorone
Concen: 8.36 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion: 82 Resp: 75714

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

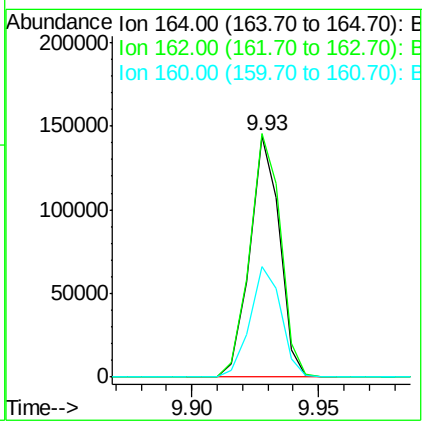


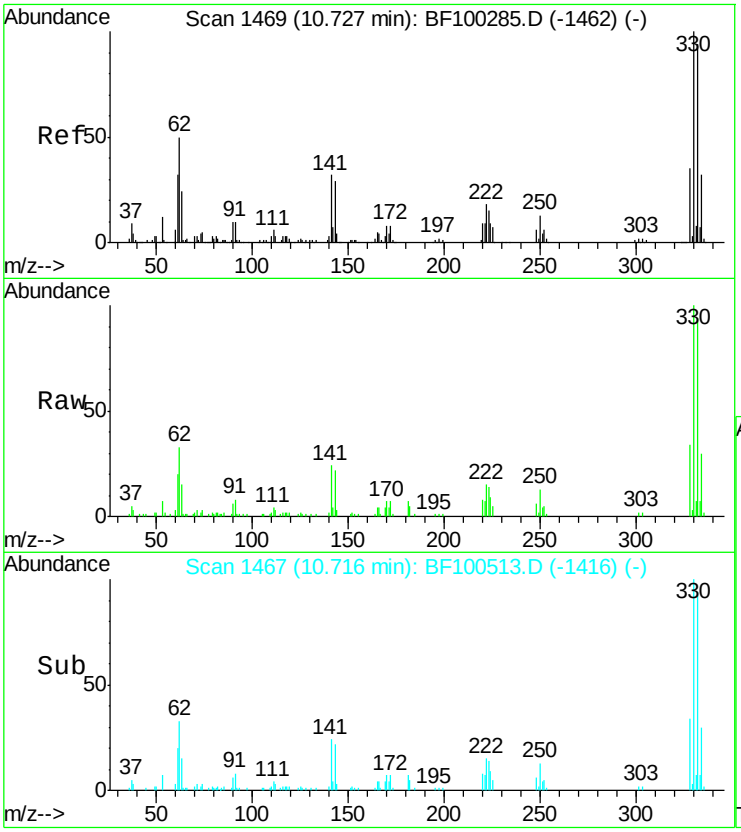


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:164 Resp: 117977

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.9	38.3	57.5



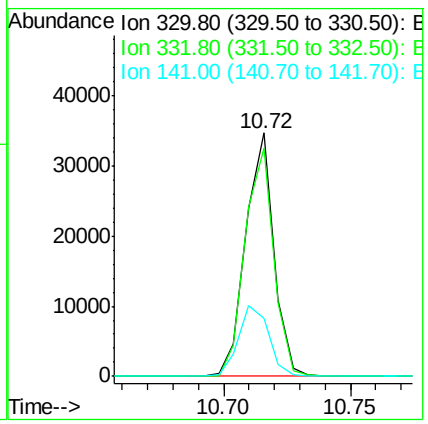


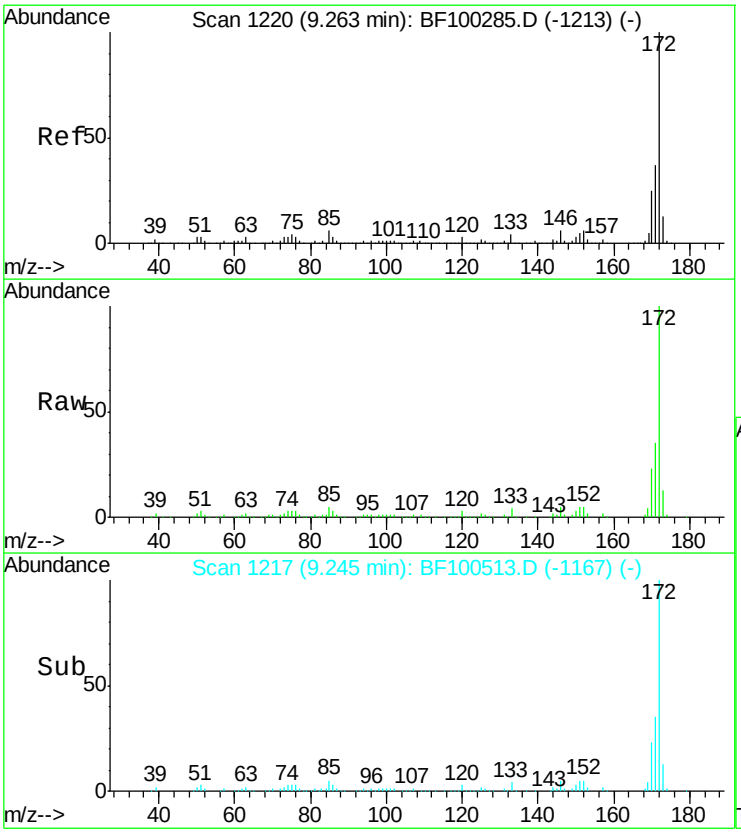
#41
2,4,6-Tribromophenol
Concen: 22.30 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:330 Resp: 26810

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	31.4	29.9	44.9

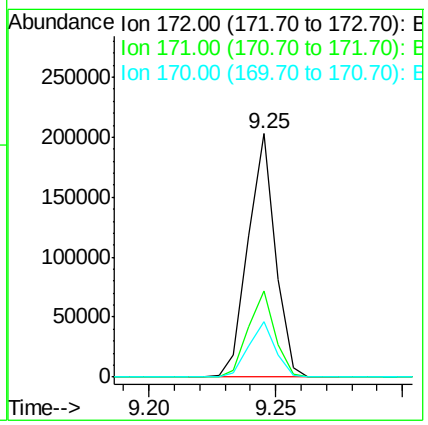


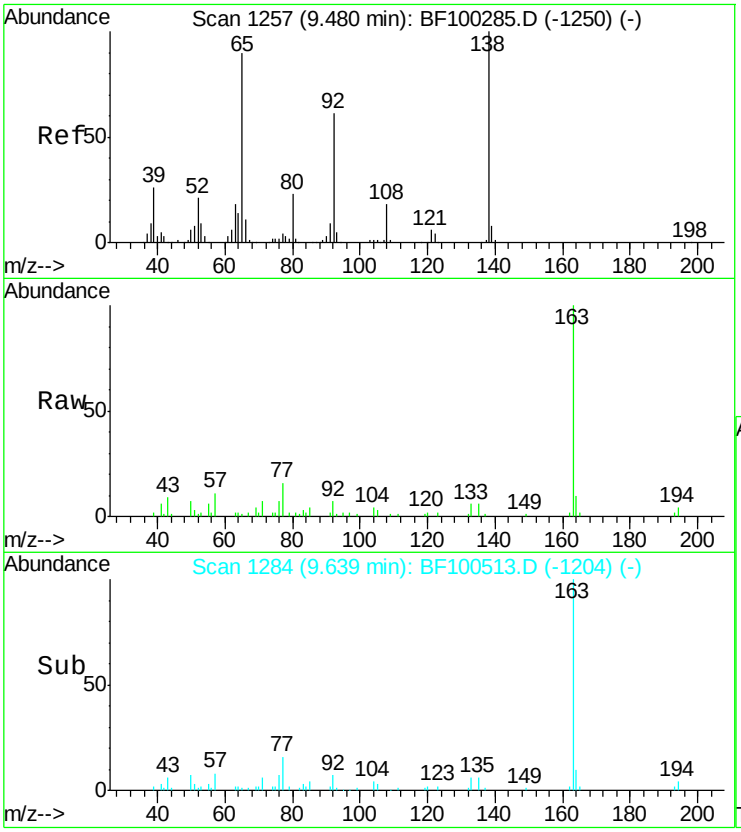


#44
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:172 Resp: 152113

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	22.8	19.6	29.4



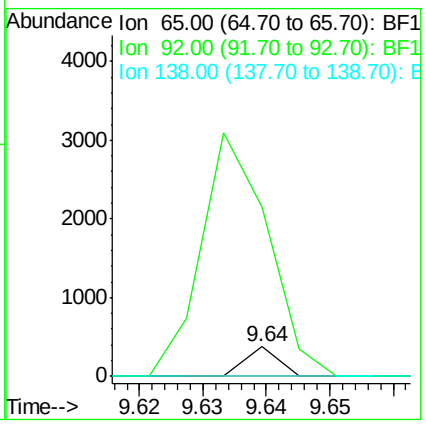


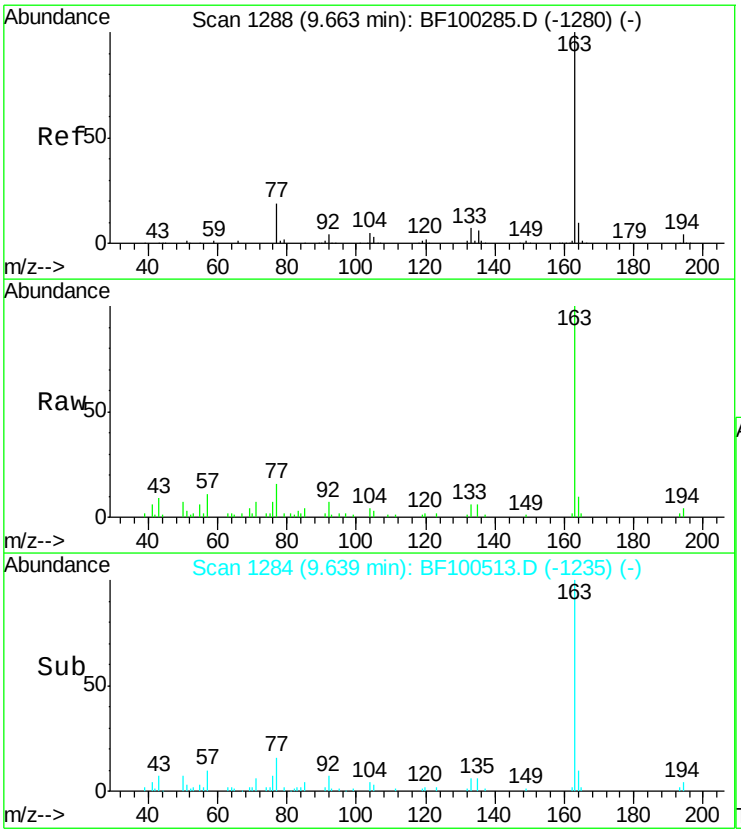
#47
2-Nitroaniline
Concen: 2.84 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion: 65 Resp: 131

Ion	Ratio	Lower	Upper
65	100		
92	580.1	55.8	83.6#
138	0.0	91.2	136.8#

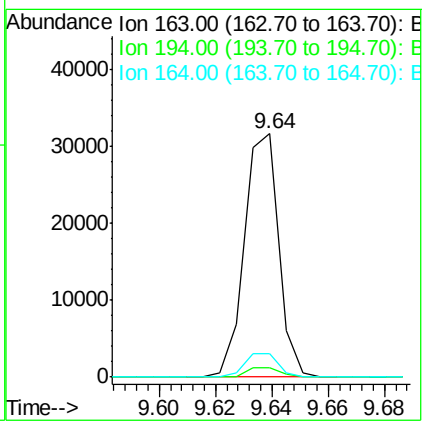


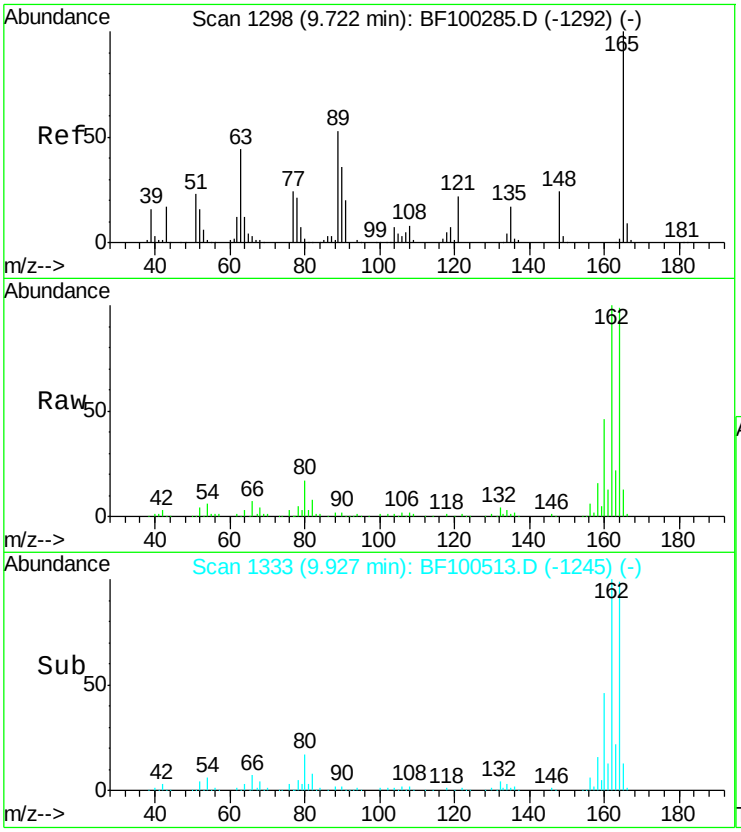


#49
Dimethylphthalate
Concen: 2.96 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:163 Resp: 26636

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	9.6	8.2	12.2



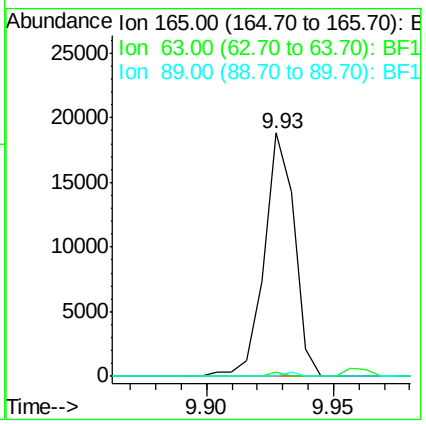


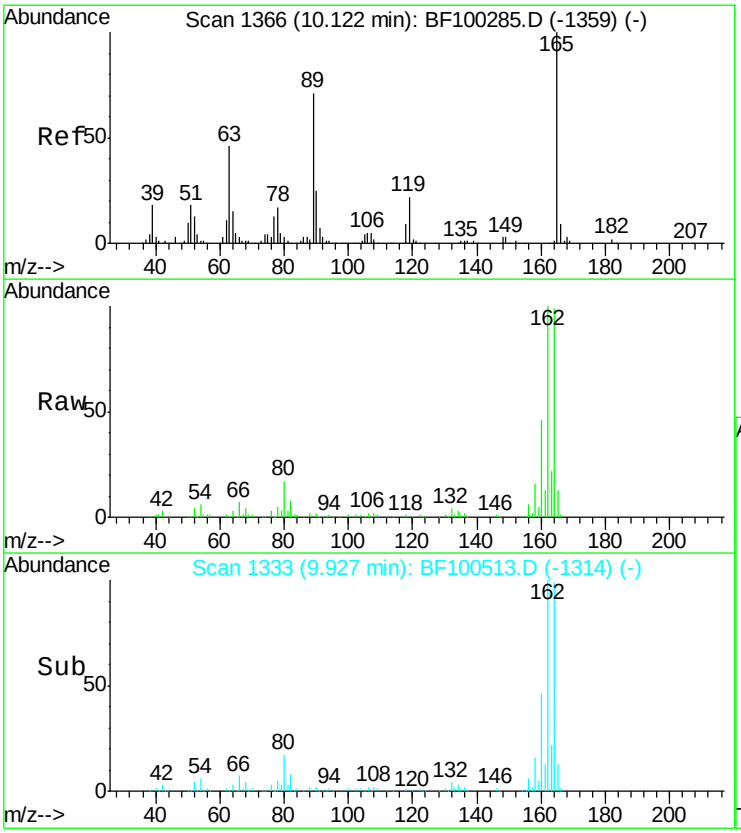
#50
2,6-Dinitrotoluene
Concen: 8.79 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:165 Resp: 15678

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#

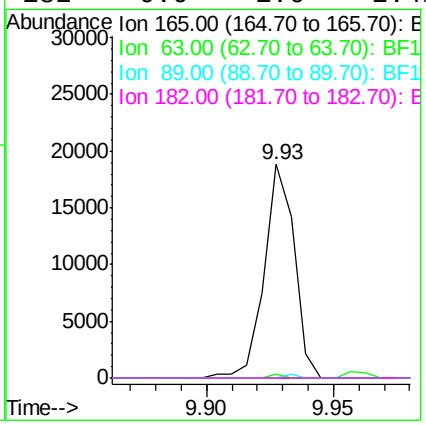


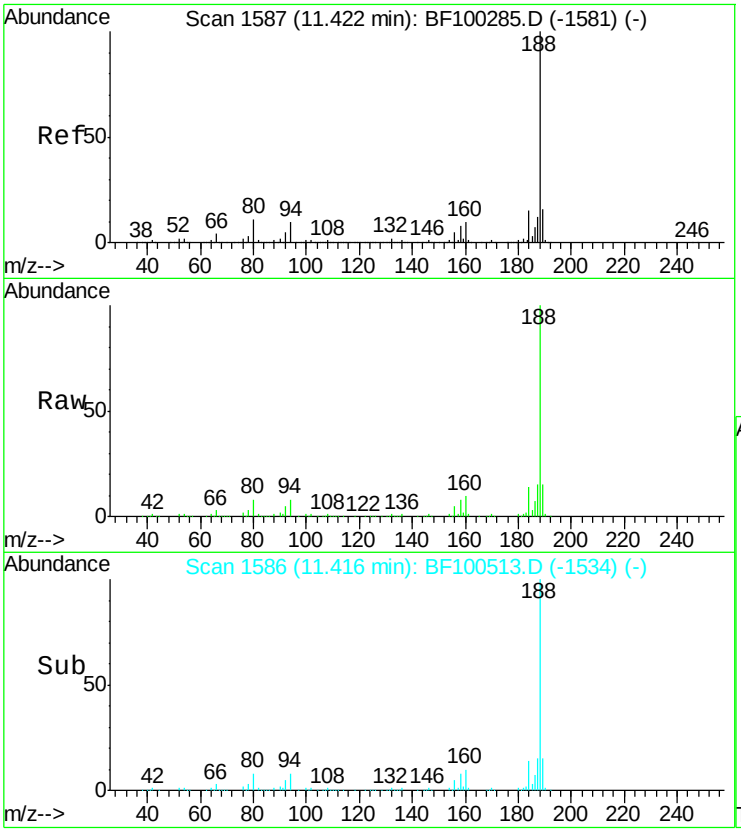


#56
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:165 Resp: 15678

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



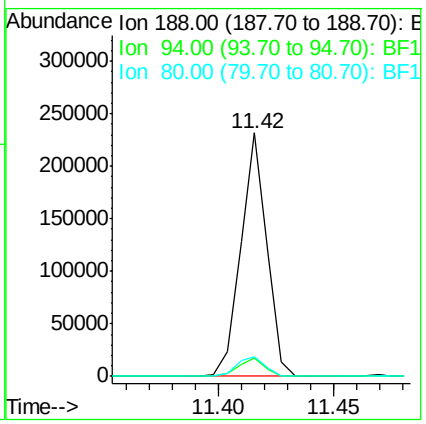


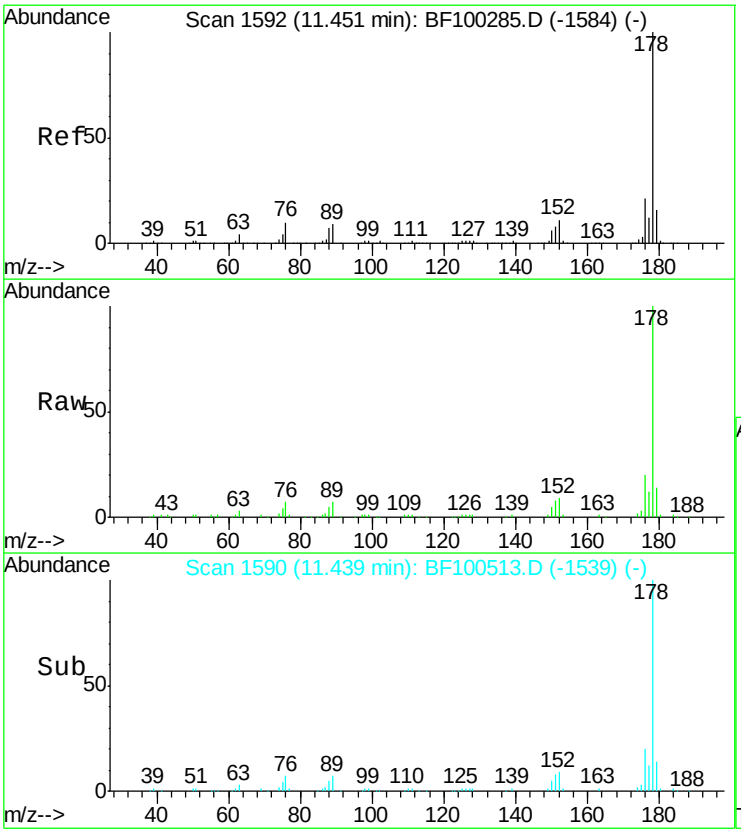
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:188 Resp: 181398

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.1	9.2	13.8#

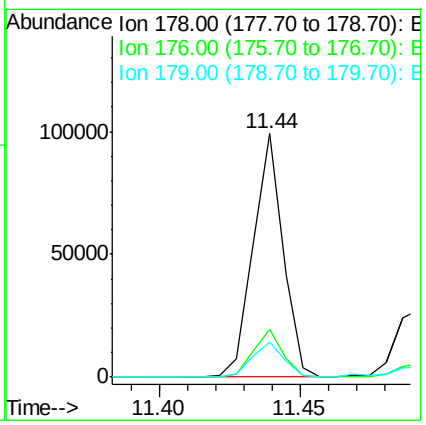


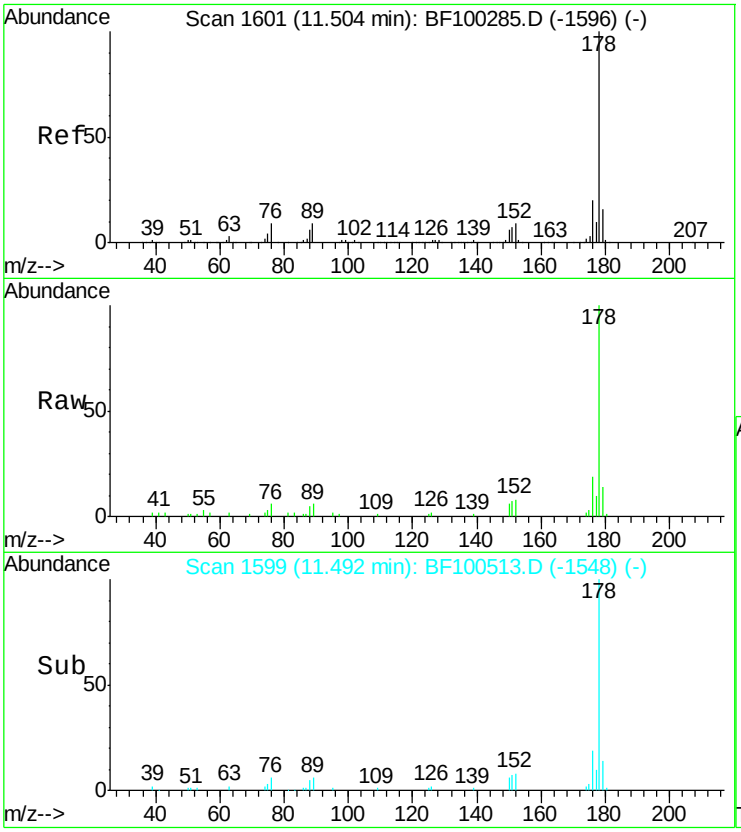


#70
Phenanthrene
Concen: 7.65 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:178 Resp: 73061

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.4	13.0	19.6



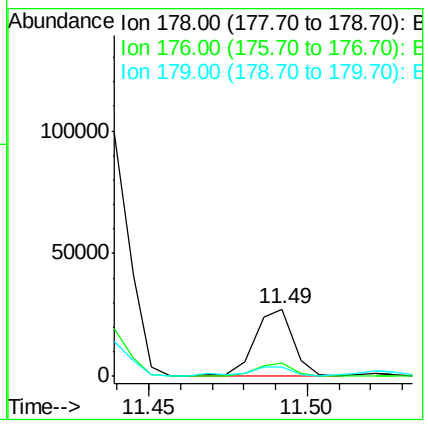


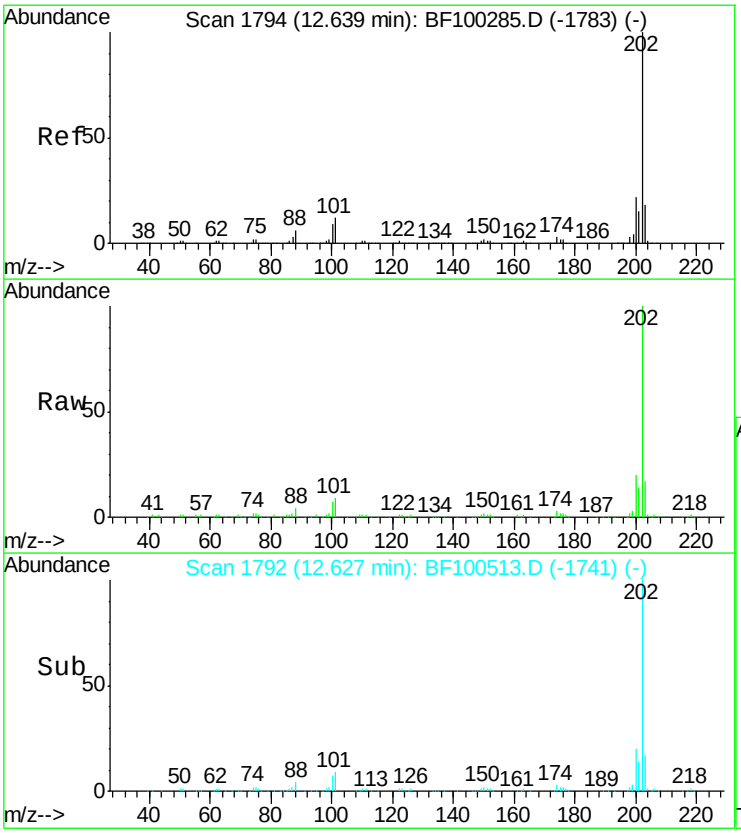
#71
Anthracene
Concen: 2.34 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:178 Resp: 22663

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.4	12.6	19.0

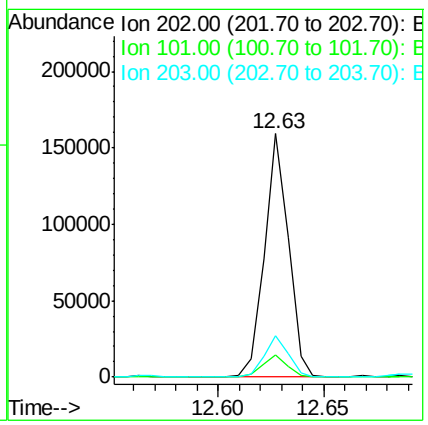


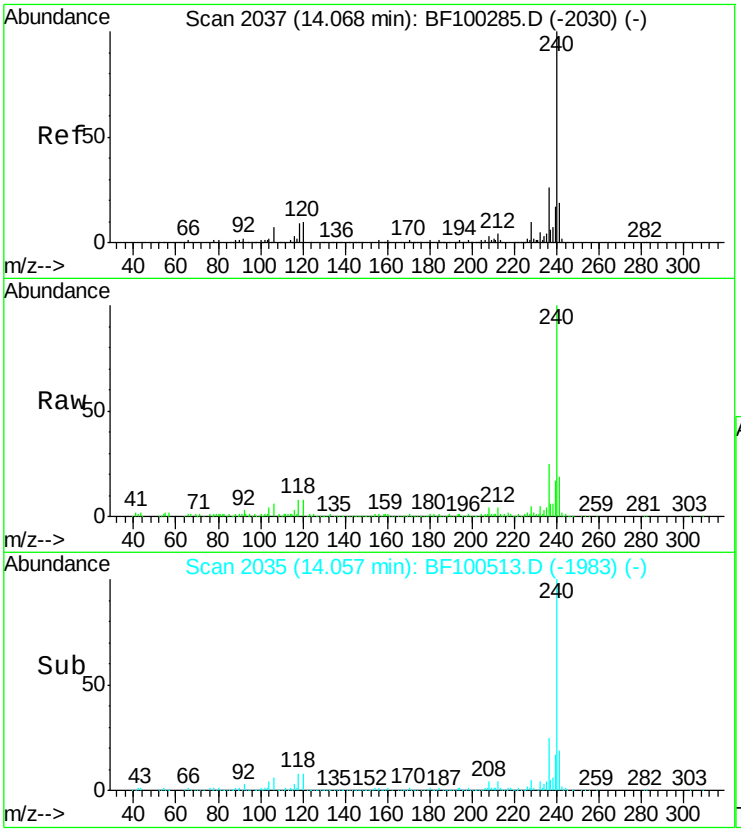


#74
Fluoranthene
Concen: 12.47 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:202 Resp: 126174

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	34.1
203	17.1	0.0	38.1



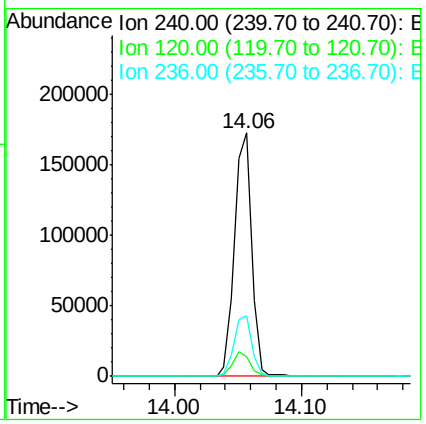


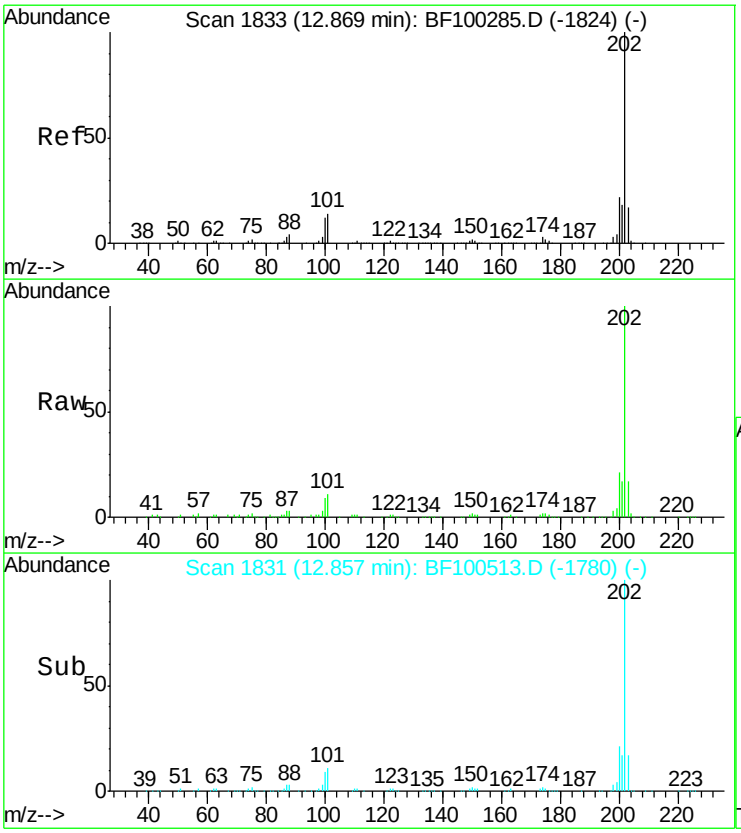
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:240 Resp: 160832

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	24.8	20.7	31.1

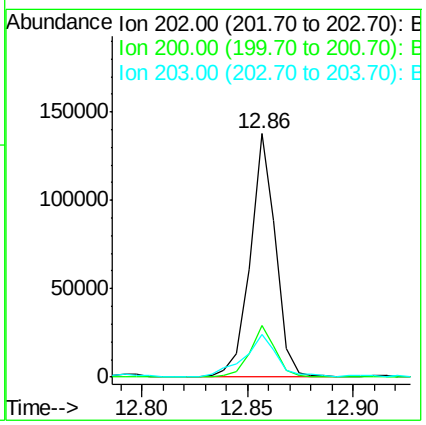


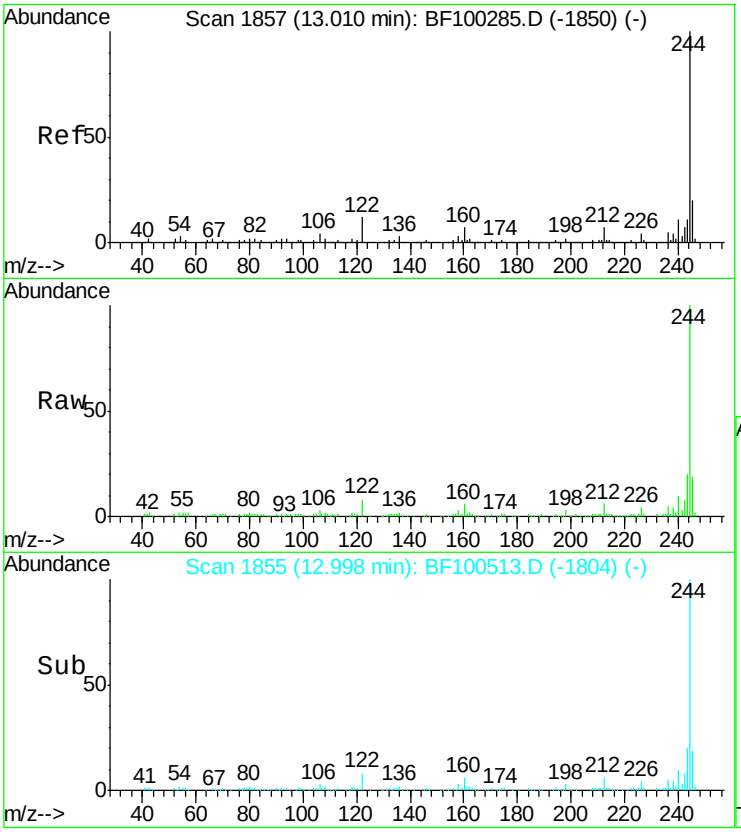


#77
Pyrene
Concen: 10.08 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:202 Resp: 115595

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.3	14.3	21.5



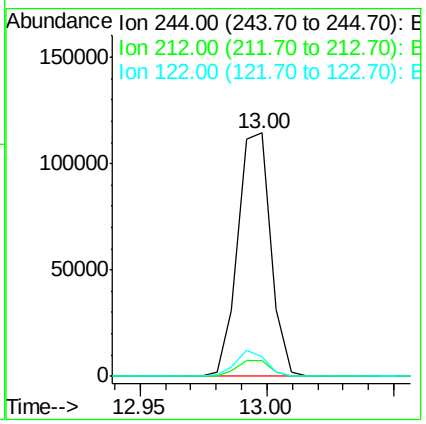


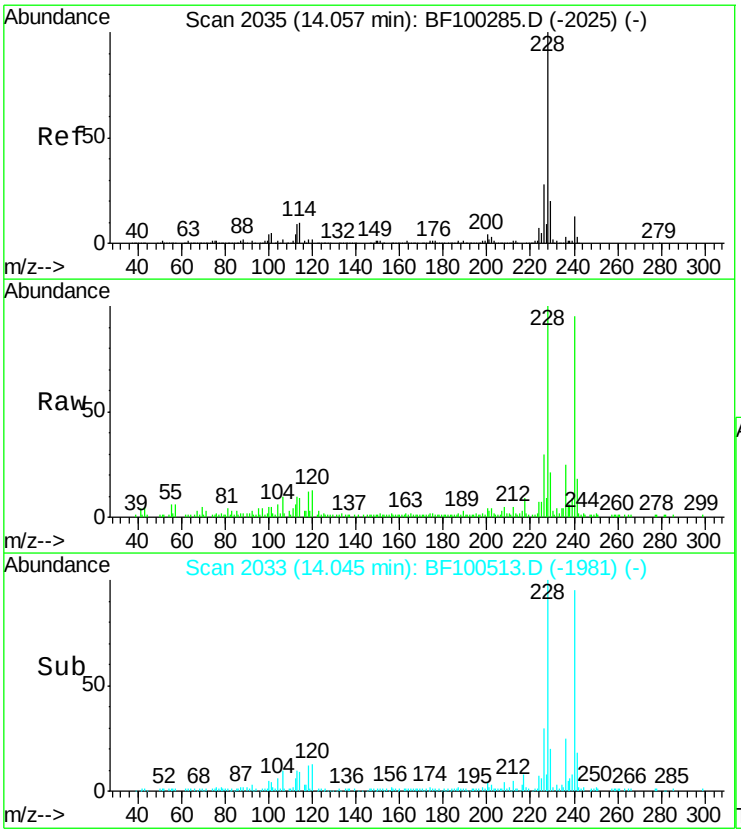
#78
Terphenyl-d14
Concen: 14.81 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:244 Resp: 103637

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.2	11.0	16.4#

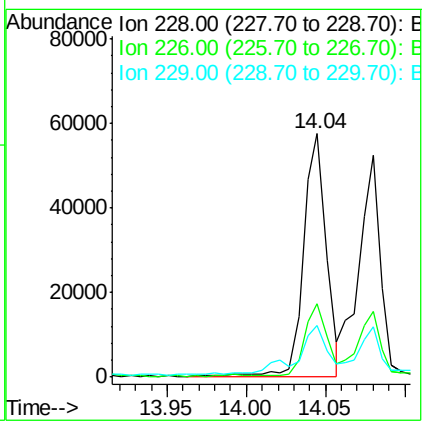


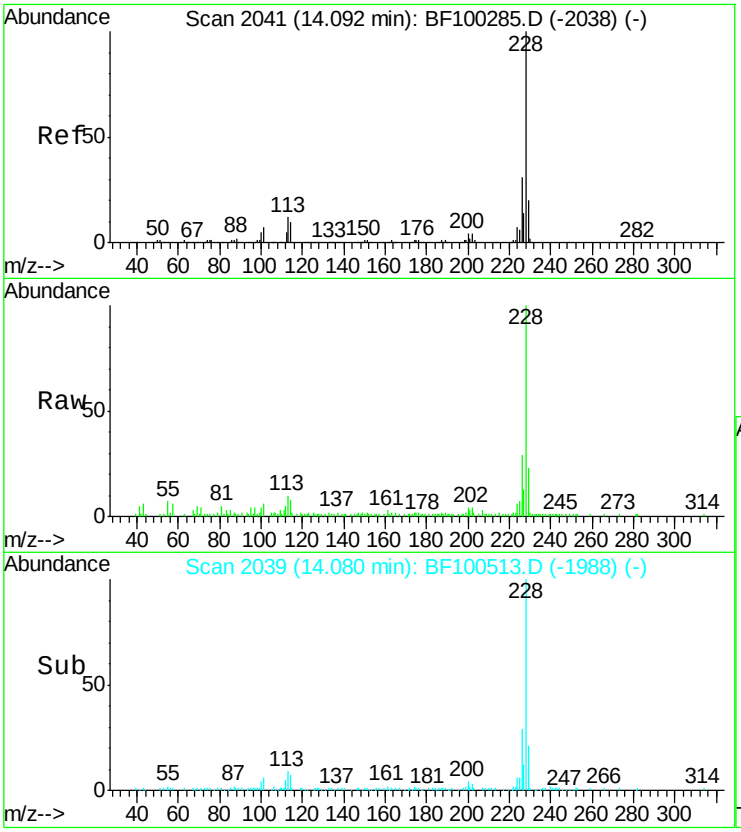


#80
Benzo(a)anthracene
Concen: 5.91 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:228 Resp: 57250

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.4	15.8	23.6



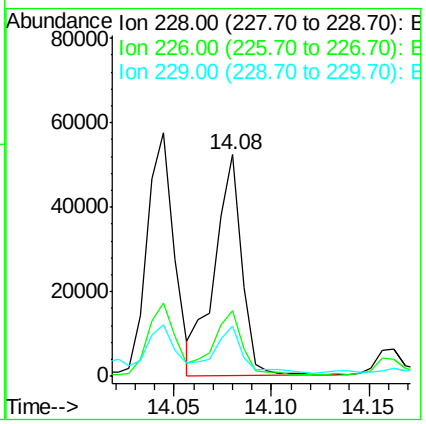


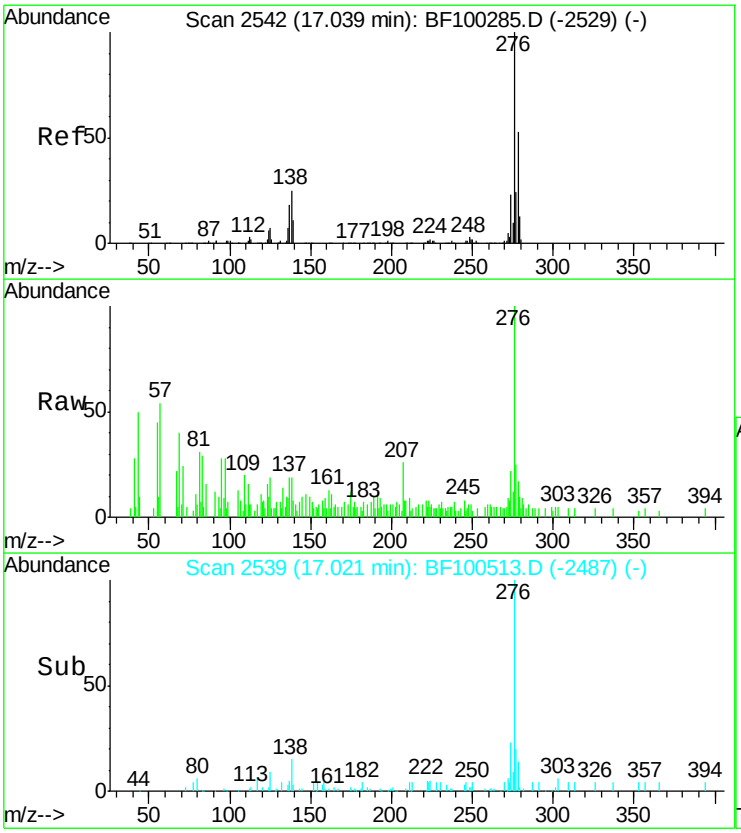
#82
Chrysene
Concen: 5.45 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:228 Resp: 51140

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.6	16.2	24.4

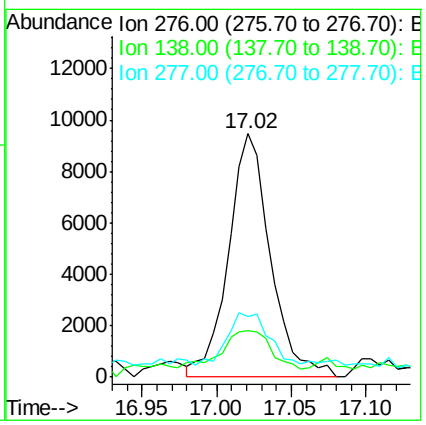


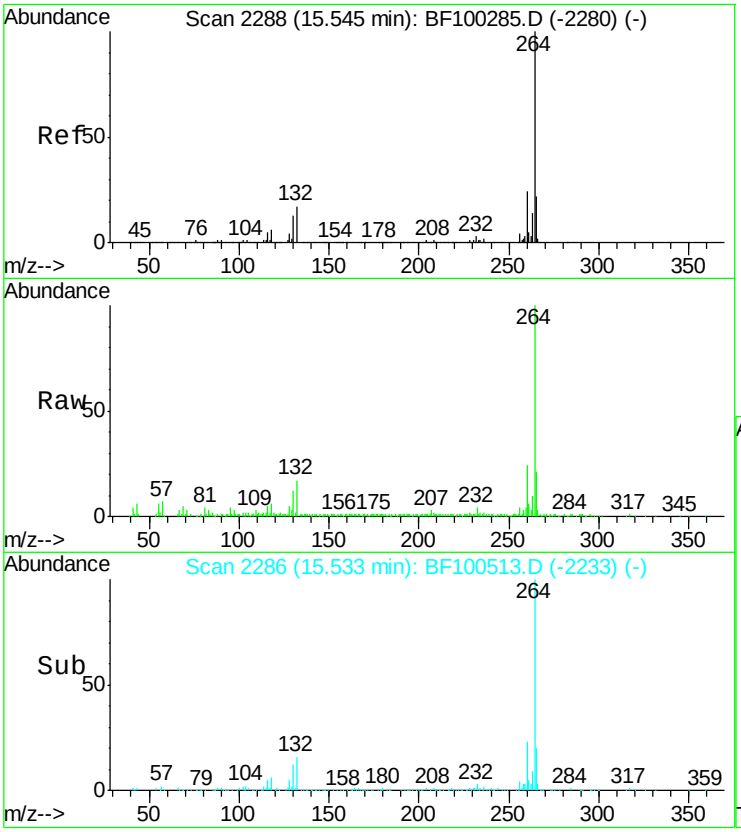


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:276 Resp: 18538

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	21.1	20.1	30.1



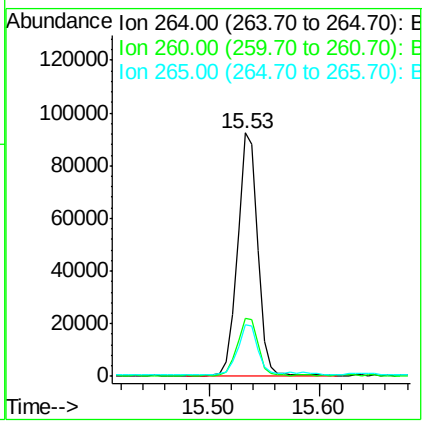


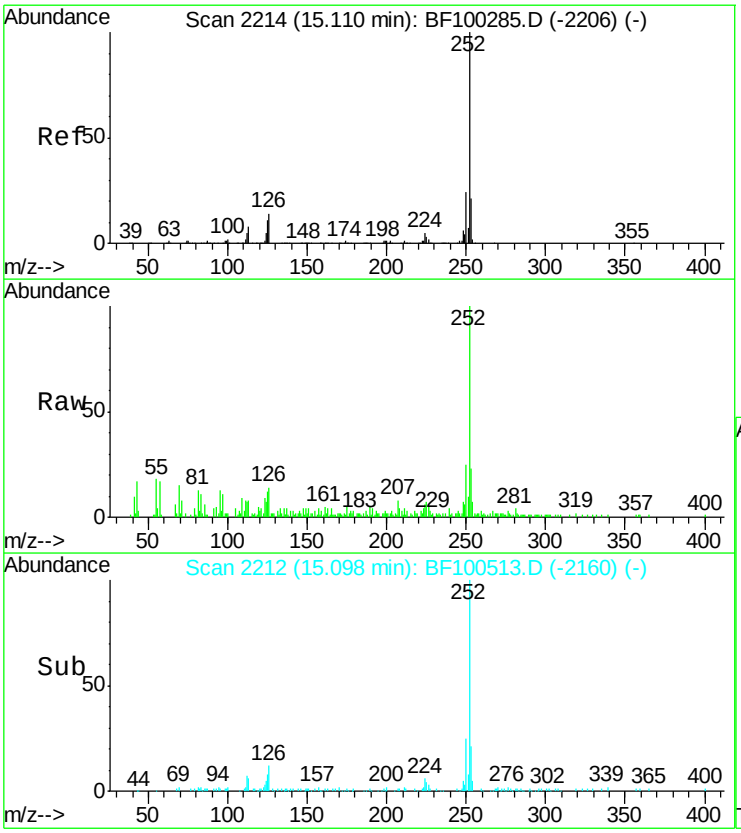
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:264 Resp: 119652

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.5	26.3

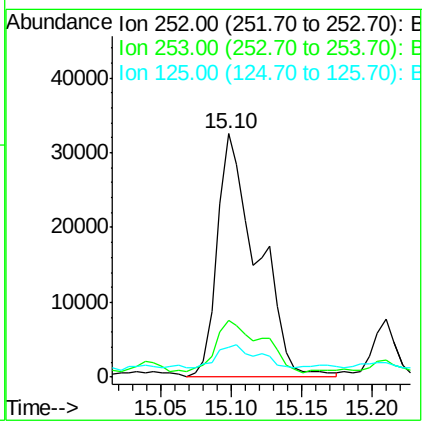


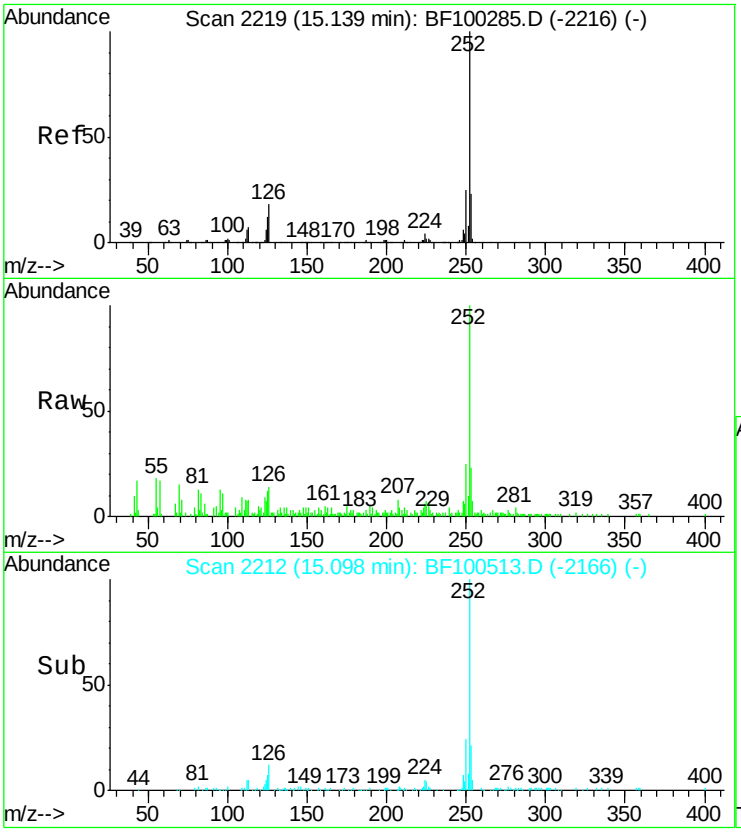


#87
Benzo(b)fluoranthene
Concen: 9.07 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:252 Resp: 64292

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	12.4	9.0	13.6



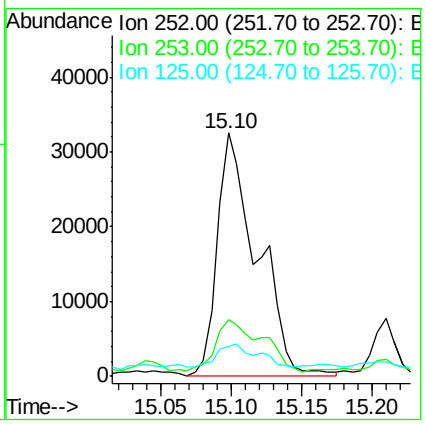


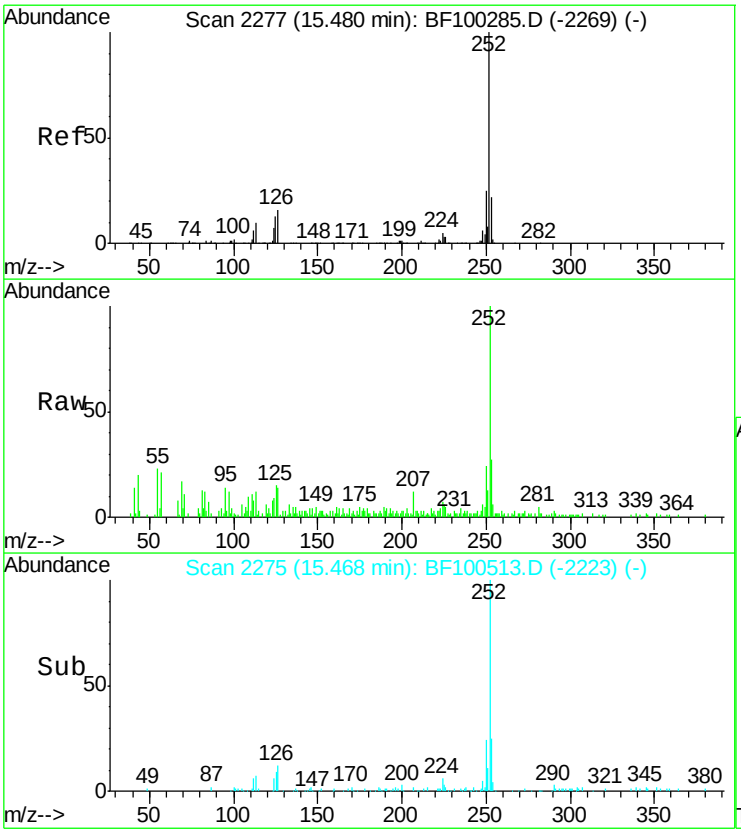
#88
Benzo(k)fluoranthene
Concen: 9.60 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:252 Resp: 64292

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.4	10.2	15.2

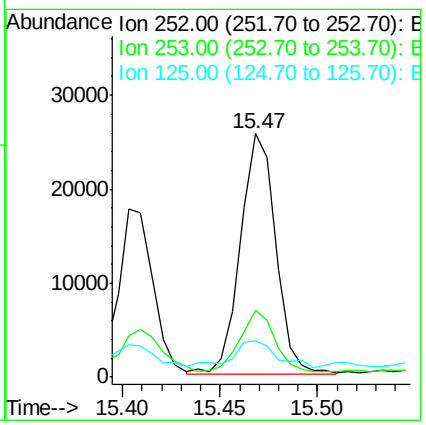


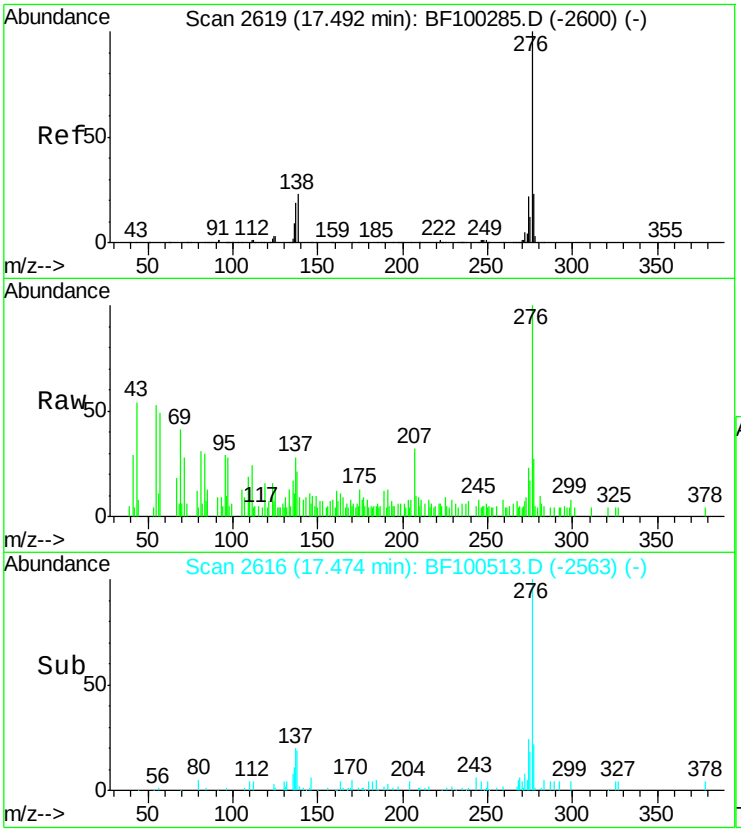


#89
Benzo(a)pyrene
Concen: 5.06 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Tgt Ion:252 Resp: 31791

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.1	25.7#
125	14.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.73 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.01 min
Lab File: BF100513.D
Acq: 13 Nov 2017 20:01

Instrument :
BNA_F
ClientSampleId :
TR-05-111017

Tgt Ion:276 Resp: 18742

Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	21.5	21.8	32.8#