Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100795.D
Acq On : 21 Nov 2017 21:54
Operator : SJ/JU
Sample : I6499-07 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:20:04 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	83706	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	320090	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	132167	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	206176	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	197730	20.00	ng		-0.01
86) Perylene-d12	15.51	264	167841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	264928	50.73	ng		0.00
7) Phenol-d6	6.50	99	344943	53.57	ng		-0.01
23) Nitrobenzene-d5	7.43	82	190036	39.25	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	78381	58.20	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	450815	51.94	ng		-0.01
78) Terphenyl-d14	12.97	244	346173	40.23	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	25154	5.63	ng	#	79
25) Isophorone	7.43	82	190032	18.68	ng	#	64
32) Benzoic acid	7.85	122	239	9.43	ng	#	61
47) 2-Nitroaniline	9.62	65	108	2.83	ng	#	1
49) Dimethylphthalate	9.62	163	29511	2.92	ng	#	98
50) 2,6-Dinitrotoluene	9.91	165	16774	8.40	ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	16774	6.66	ng	#	23
66) 4-Bromophenyl-phenylether	10.69	248	4922	2.23	ng	#	1
70) Phenanthrene	11.42	178	143706	13.24	ng		97
71) Anthracene	11.47	178	25869	2.35	ng		97
74) Fluoranthene	12.61	202	189961	16.51	ng		94
77) Pyrene	12.84	202	177974	12.63	ng		99
80) Benzo(a)anthracene	14.02	228	94696	7.95	ng		98
82) Chrysene	14.06	228	89589	7.77	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	31715	3.40	ng		94
87) Benzo(b)fluoranthene	15.08	252	125117	12.58	ng		96
88) Benzo(k)fluoranthene	15.08	252	125117	13.32	ng		98
89) Benzo(a)pyrene	15.44	252	60505	6.86	ng		97
91) Benzo(g,h,i)perylene	17.44	276	31676	4.49	ng	#	91

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

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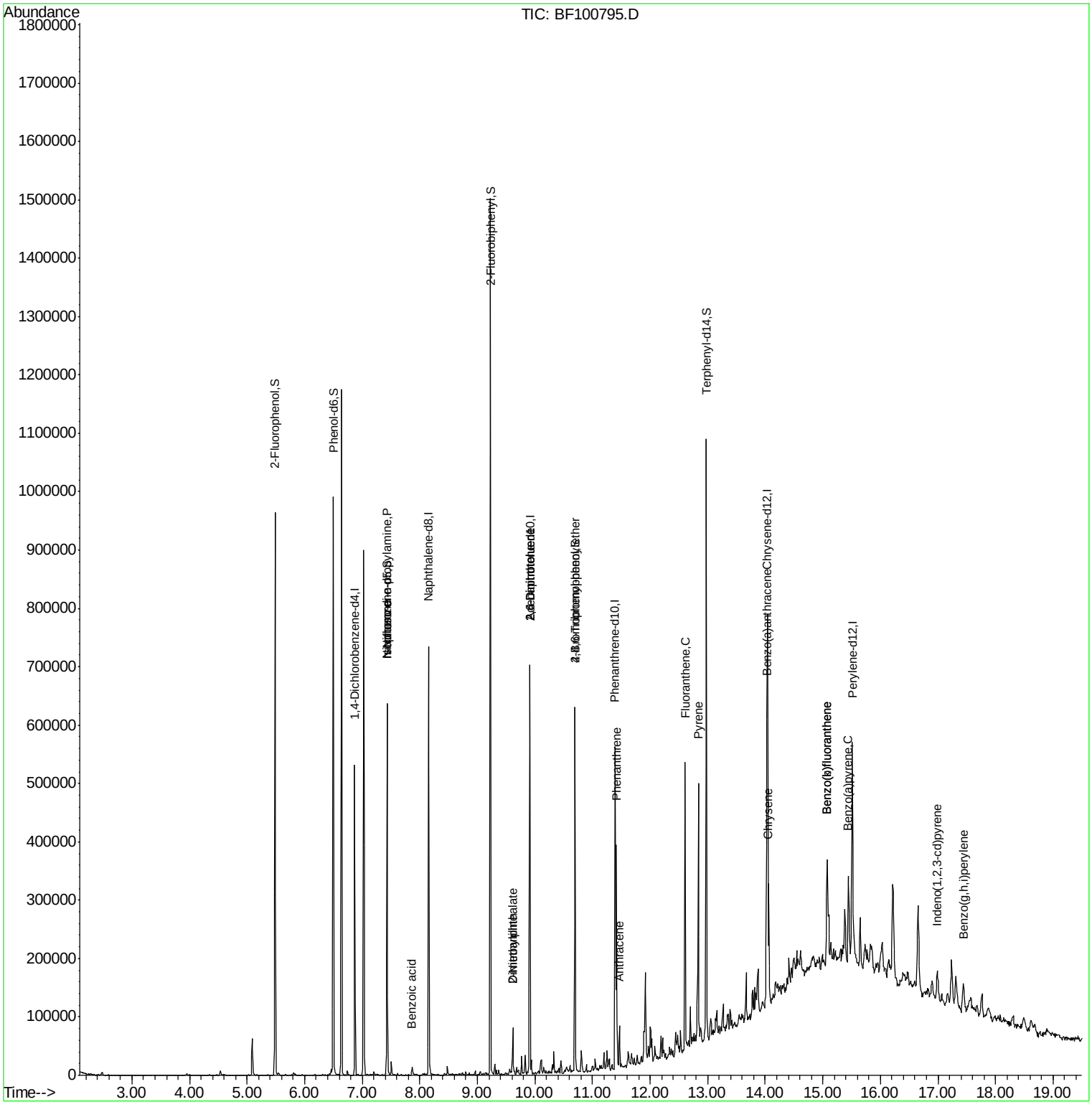
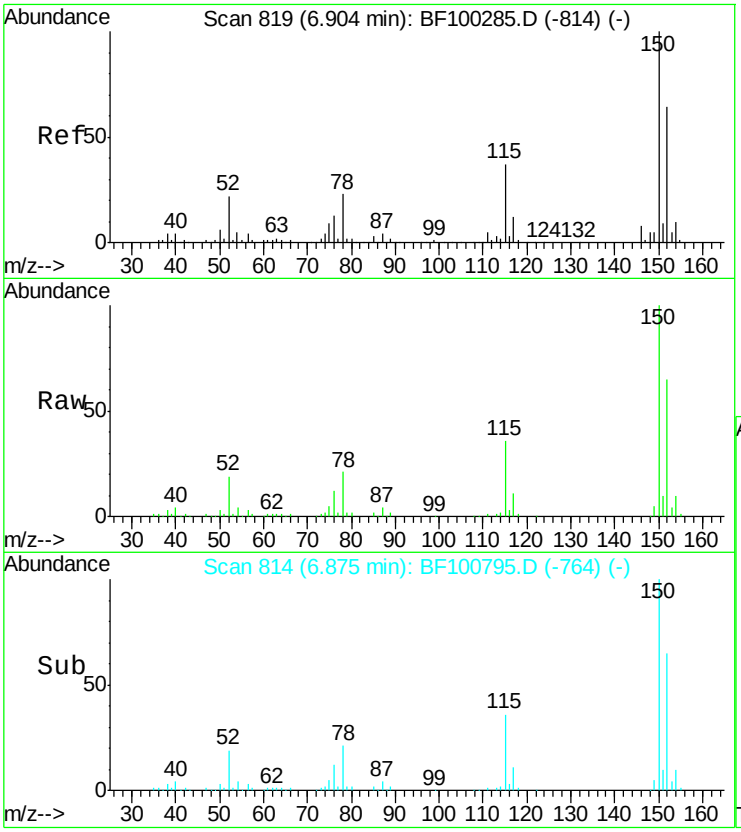


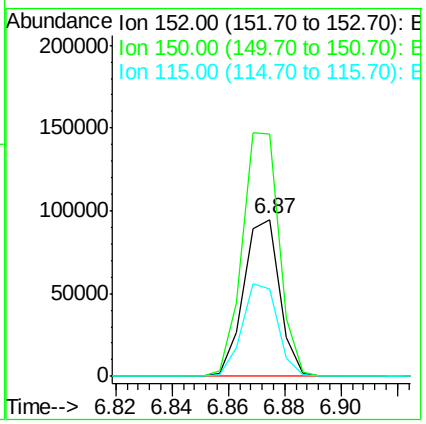


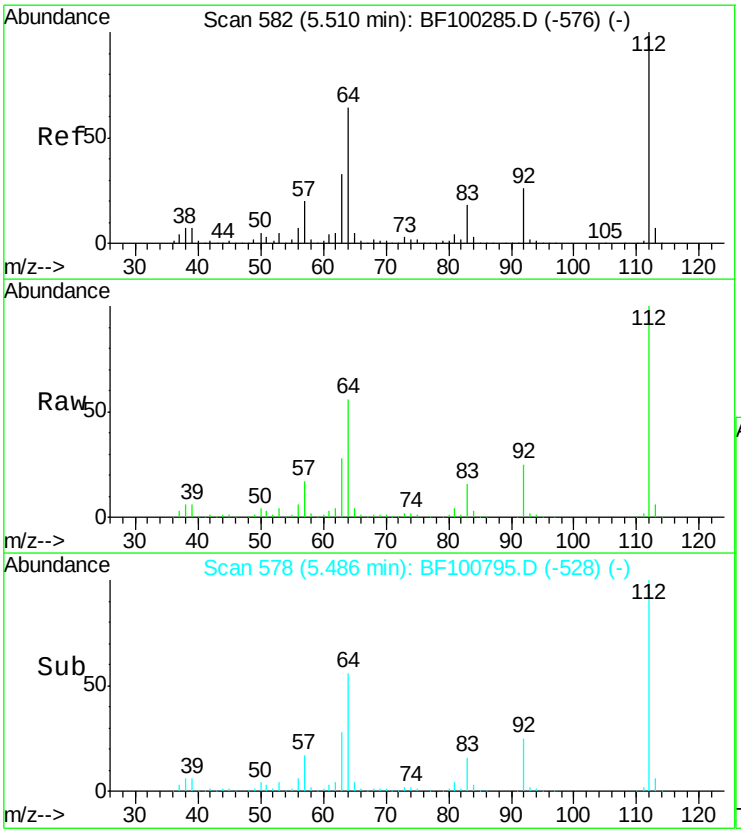
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83706

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	55.7	50.1	75.1

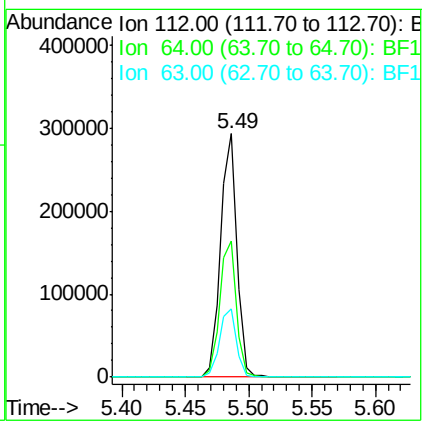


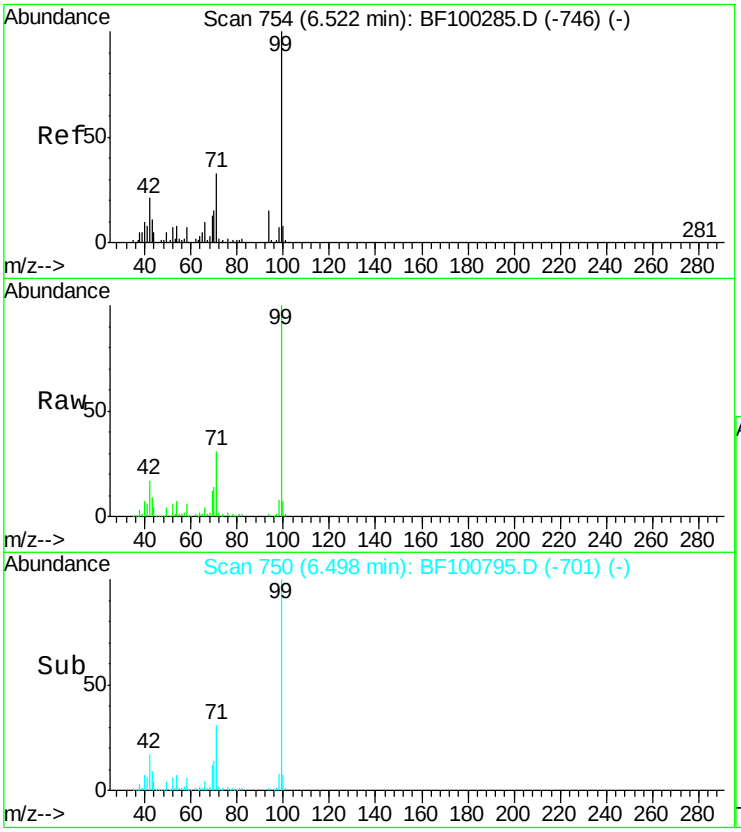


#5
2-Fluorophenol
Concen: 50.73 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:112 Resp: 264928

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	28.2	23.7	35.5



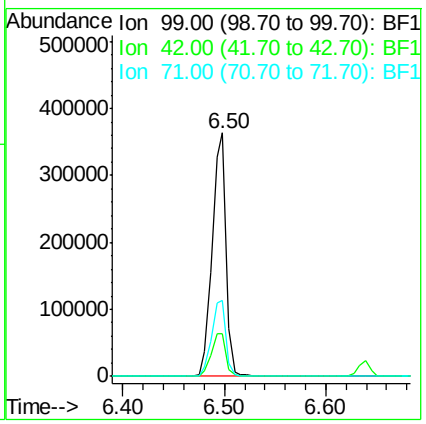


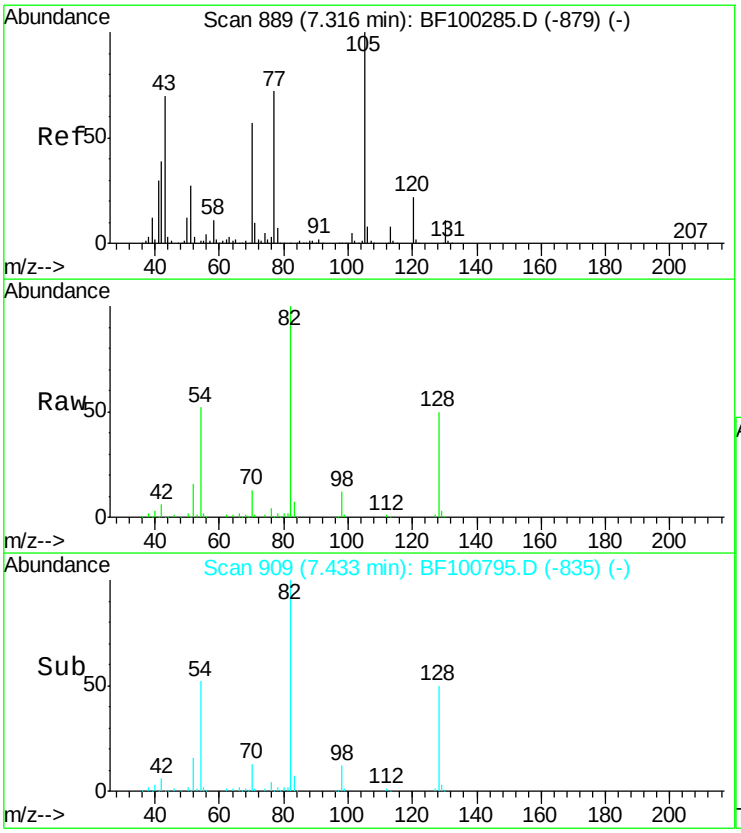
#7
Phenol-d6
Concen: 53.57 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 344943

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	31.2	25.4	38.0

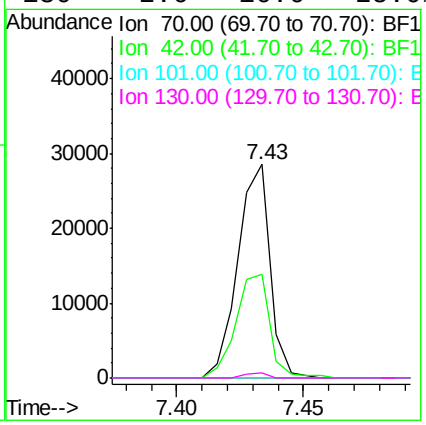


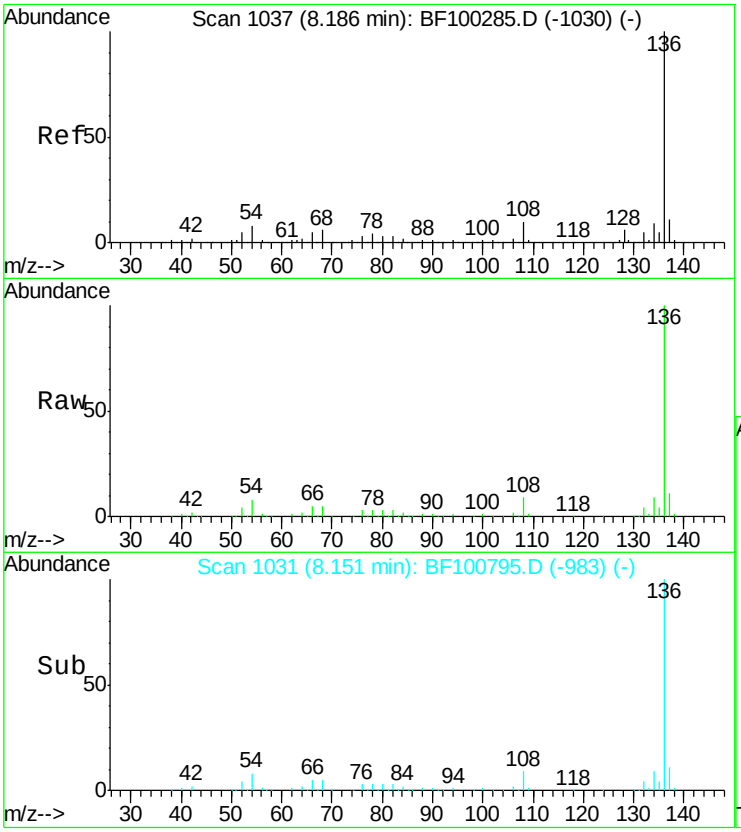


#19
n-Nitroso-di-n-propylamine
Concen: 5.63 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion: 70 Resp: 25154

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



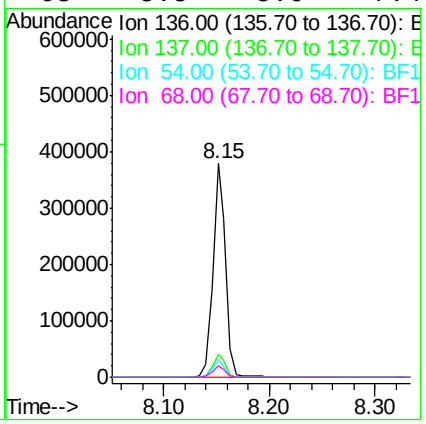


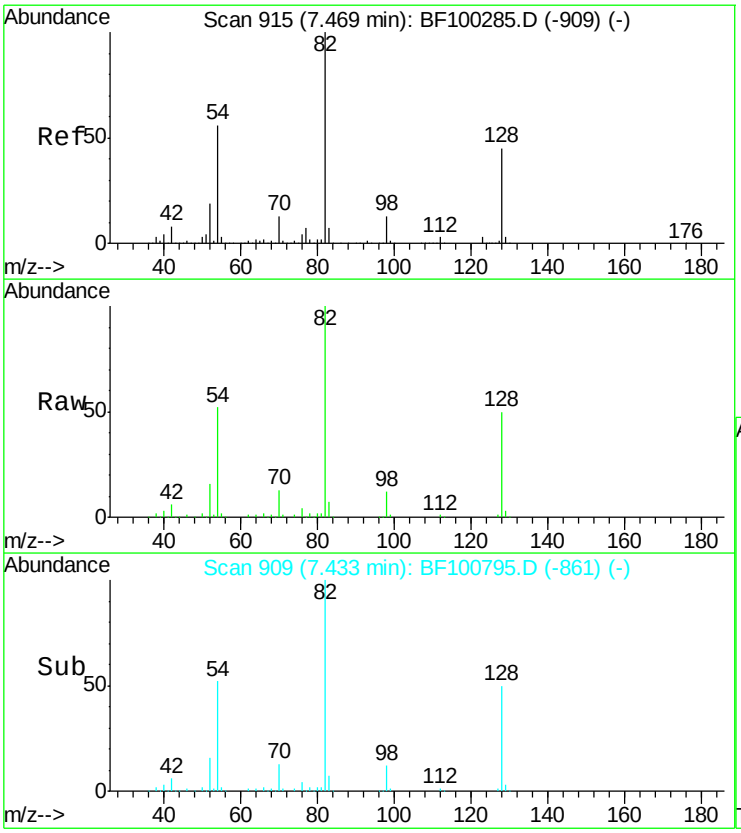
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 320090

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	5.5	5.0	7.4

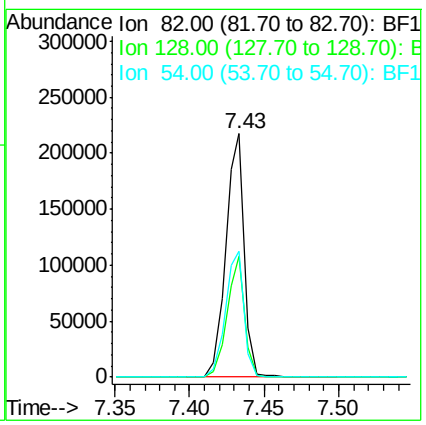


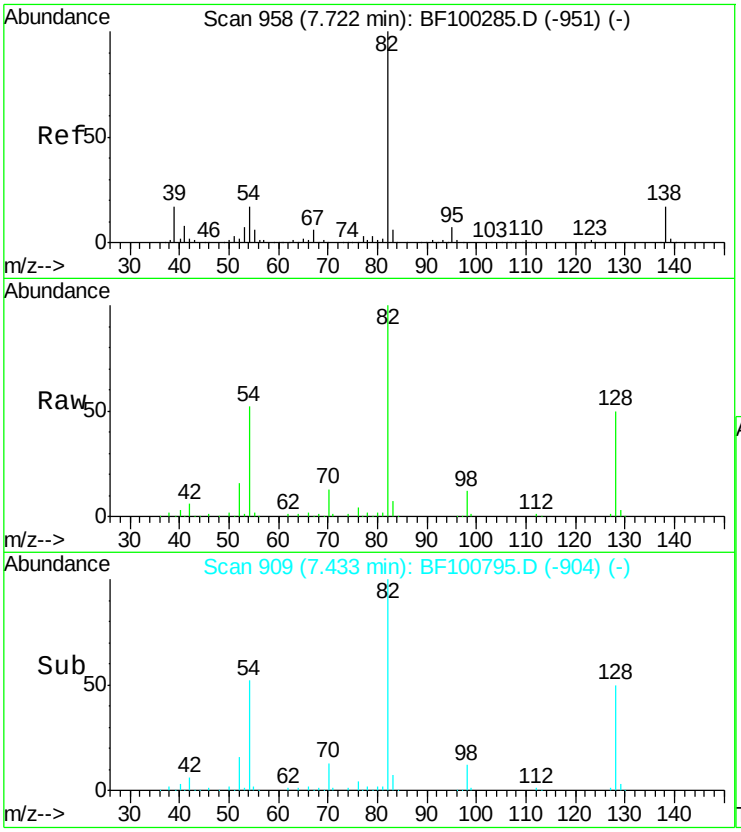


#23
Nitrobenzene-d5
Concen: 39.25 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion: 82 Resp: 190036

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	51.8	41.4	62.2



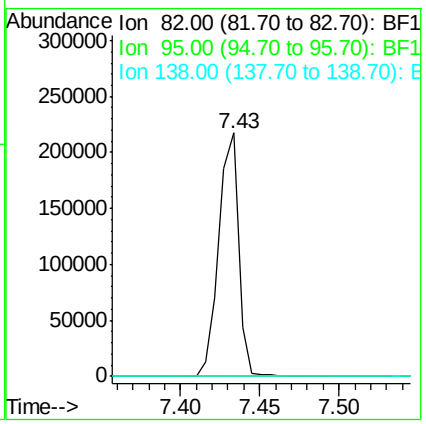


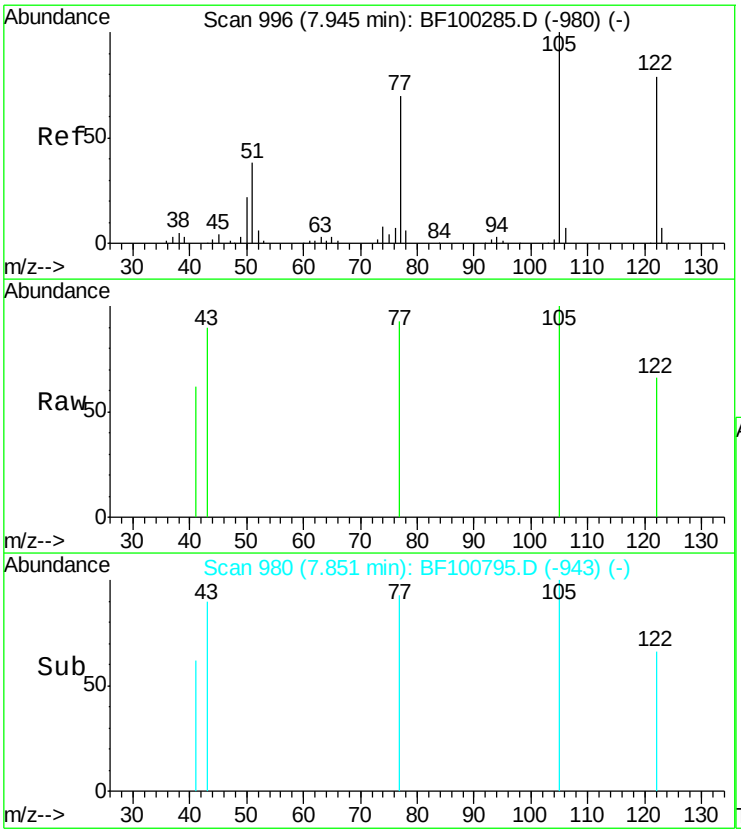
#25
Isophorone
Concen: 18.68 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 190032

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

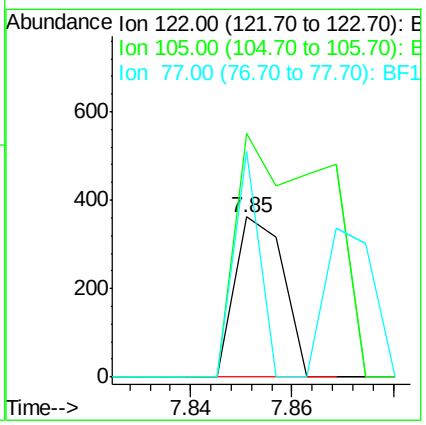


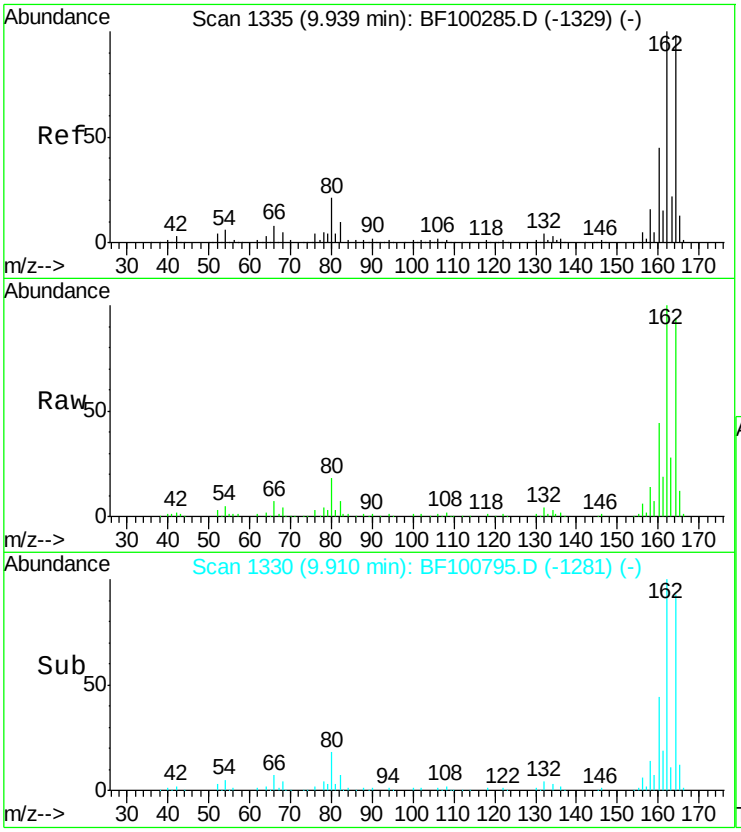


#32
Benzoic acid
Concen: 9.43 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:122 Resp: 239

Ion	Ratio	Lower	Upper
122	100		
105	152.2	101.1	141.1#
77	141.2	70.7	110.7#



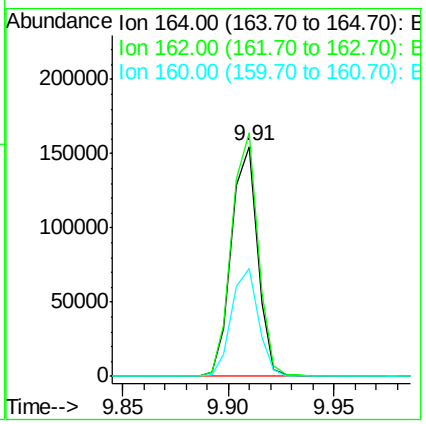


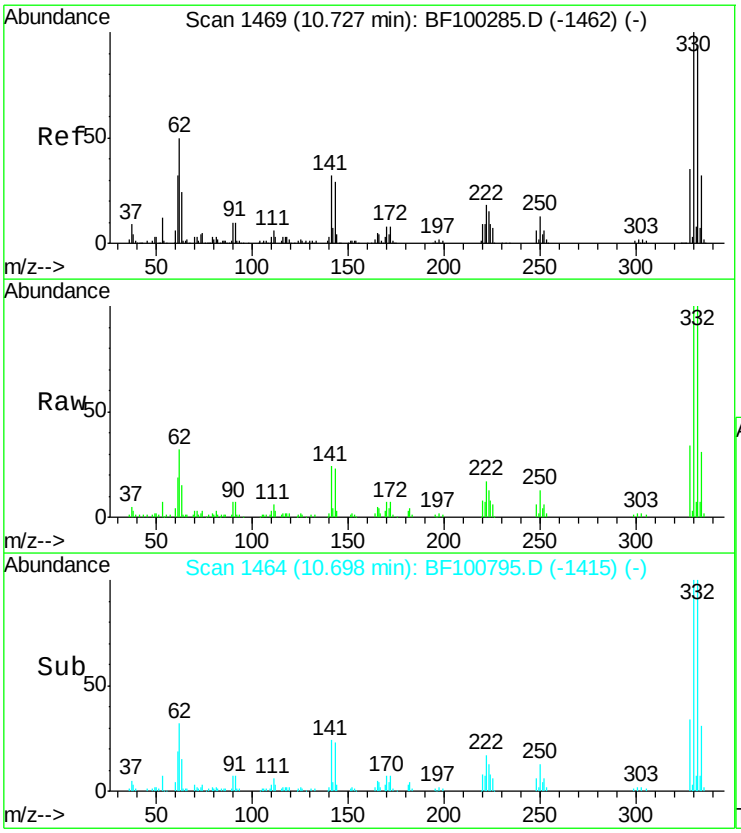
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 132167

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.1	38.3	57.5

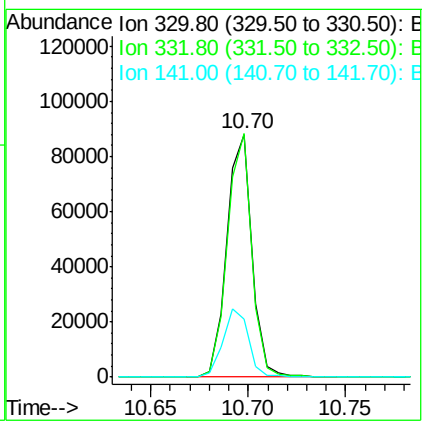


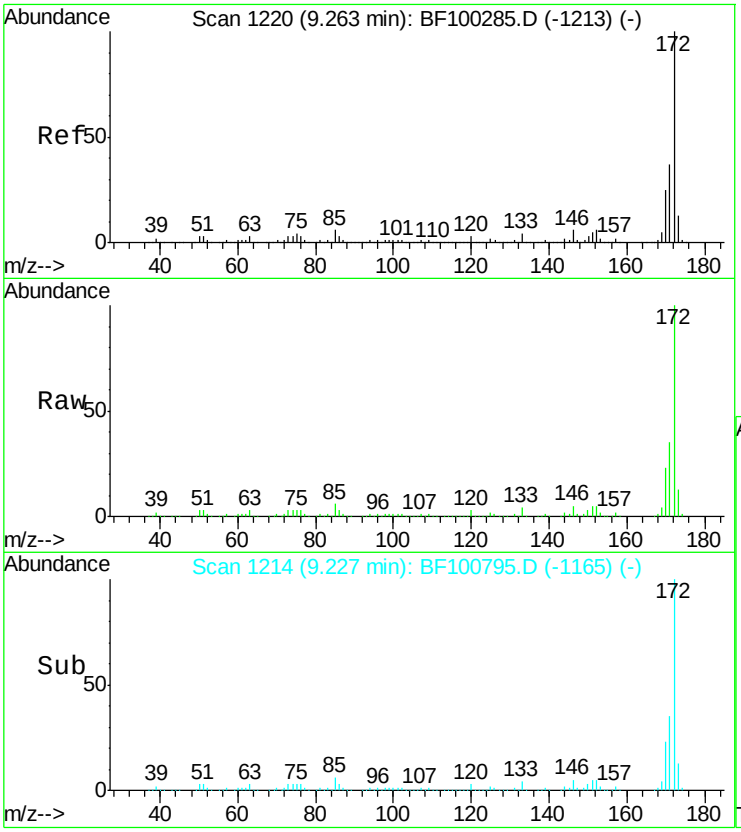


#41
2,4,6-Tribromophenol
Concen: 58.20 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:330 Resp: 78381

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	28.8	29.9	44.9#



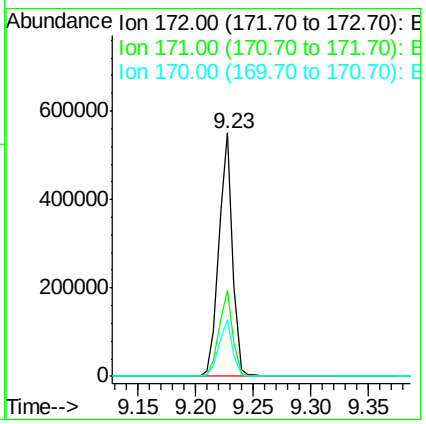


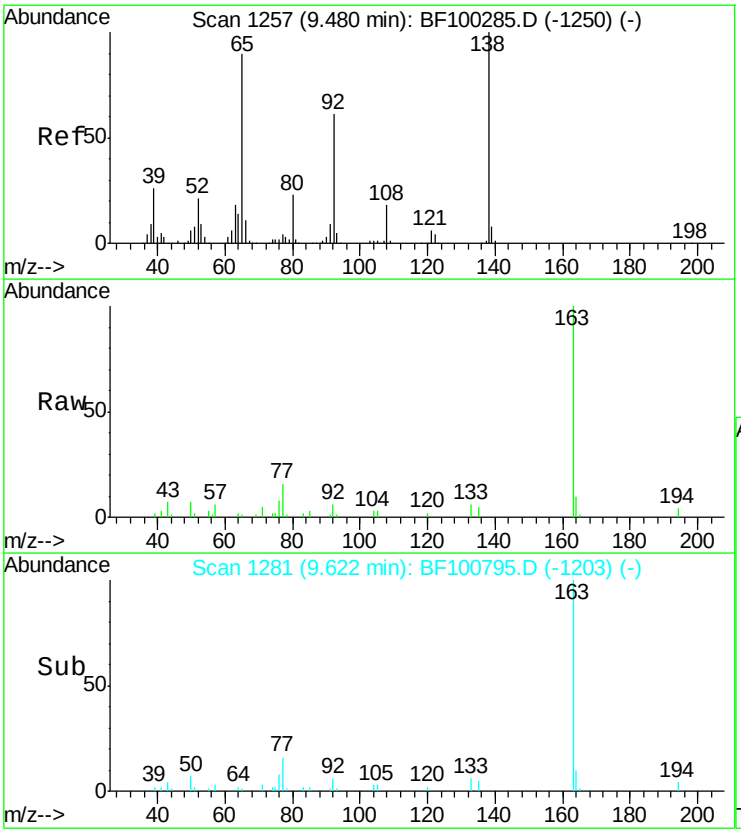
#44
2-Fluorobiphenyl
Concen: 51.94 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 450815

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

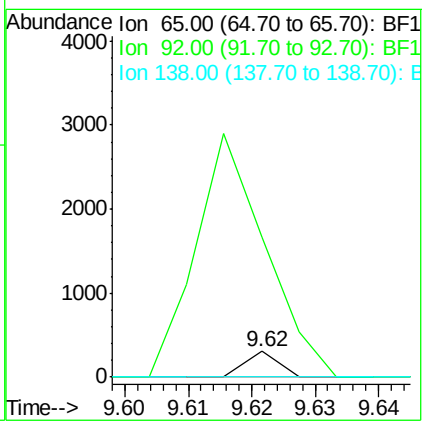


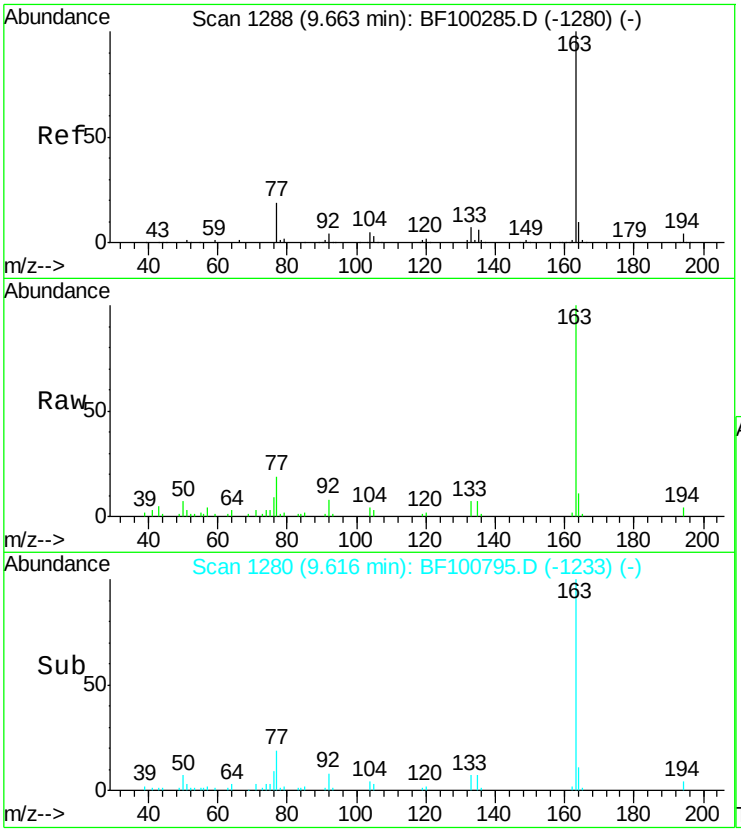


#47
2-Nitroaniline
Concen: 2.83 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion: 65 Resp: 108

Ion	Ratio	Lower	Upper
65	100		
92	546.9	55.8	83.6#
138	0.0	91.2	136.8#



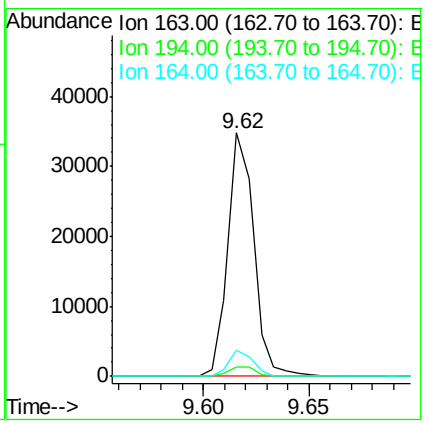


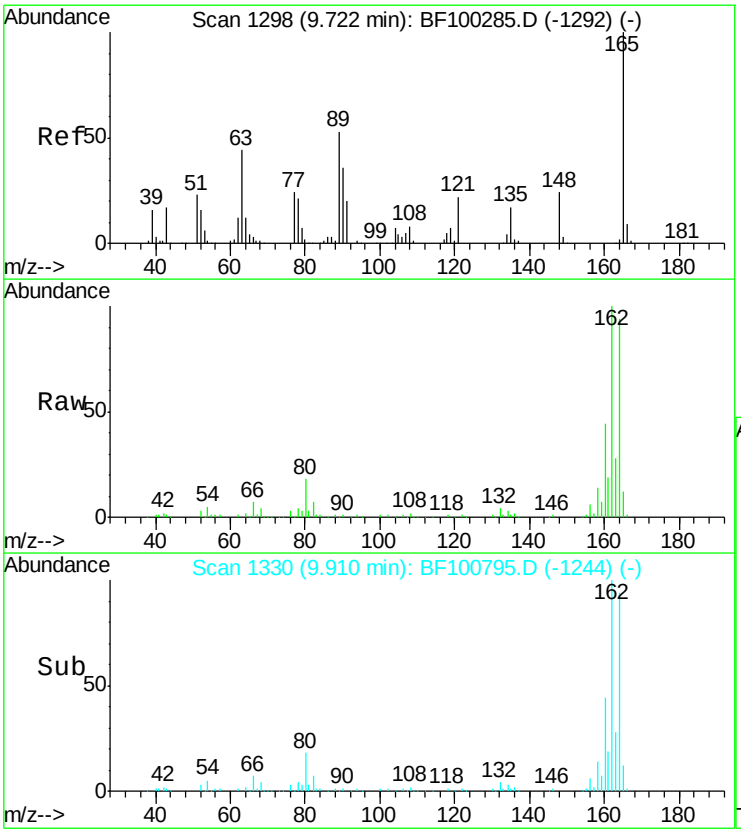
#49
Dimethylphthalate
Concen: 2.92 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29511

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.8	8.2	12.2

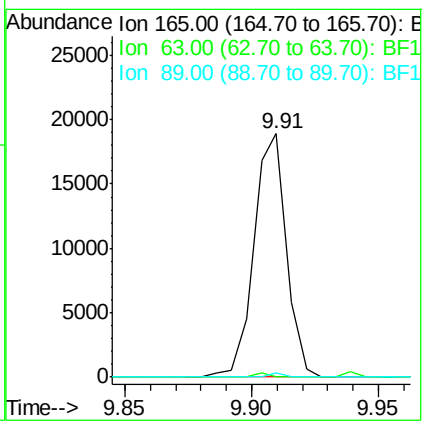


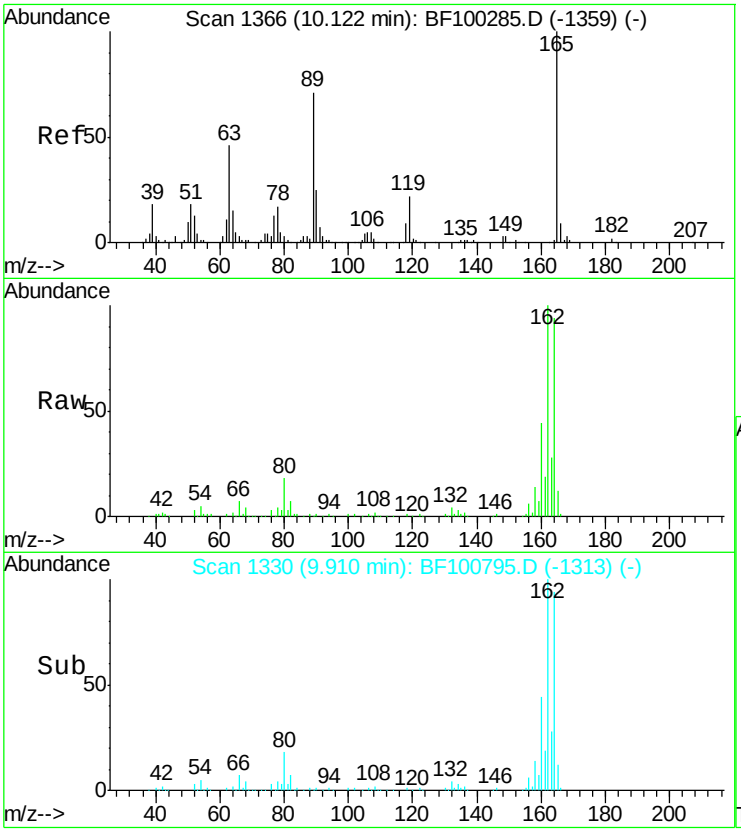


#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:165 Resp: 16774

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



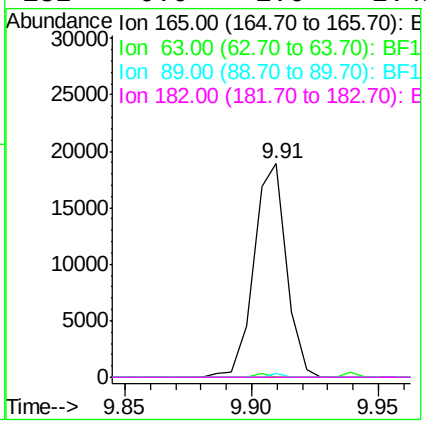


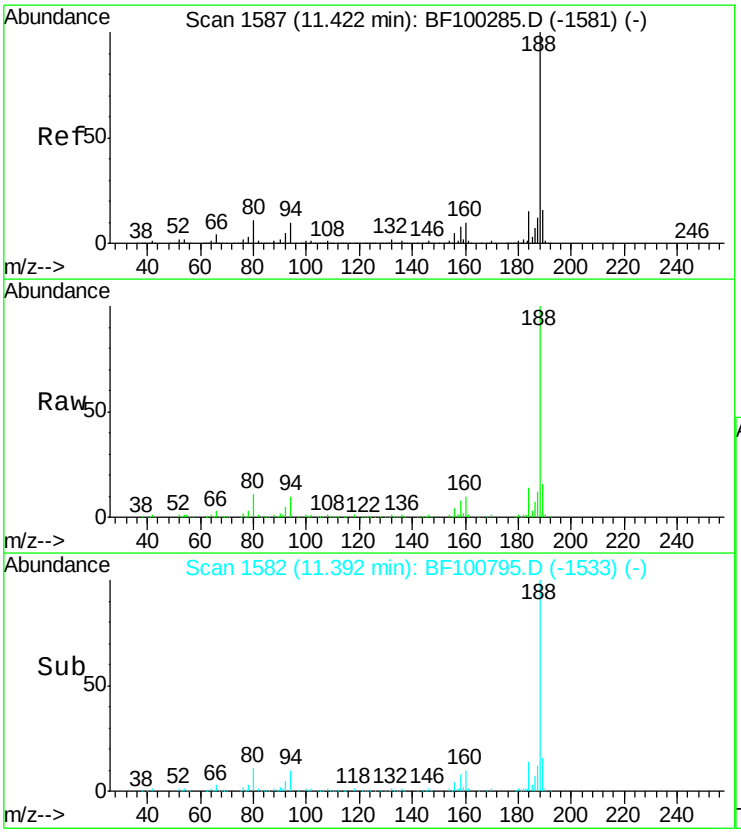
#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16774

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

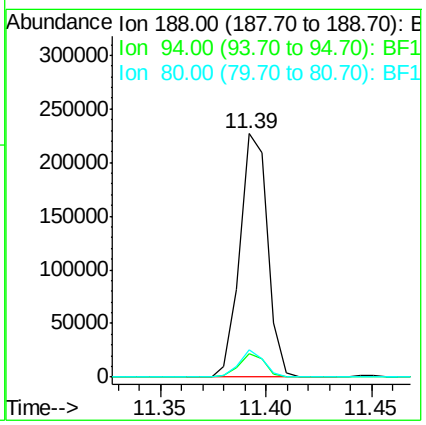


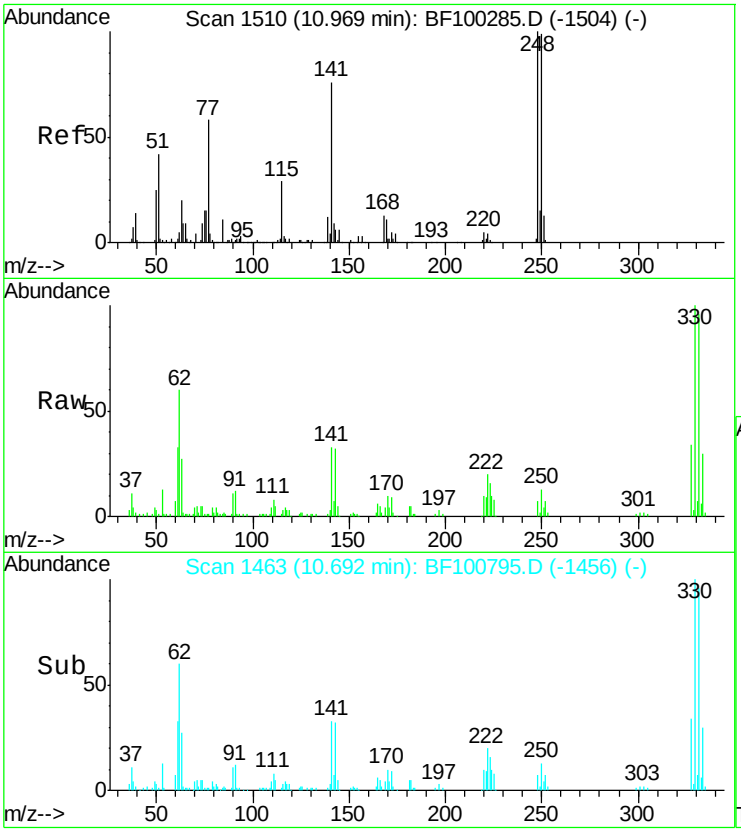


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:188 Resp: 206176

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	11.0	9.2	13.8



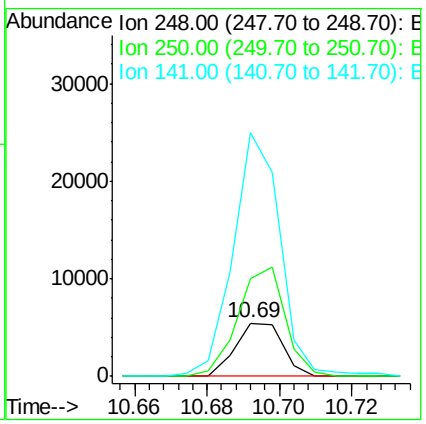


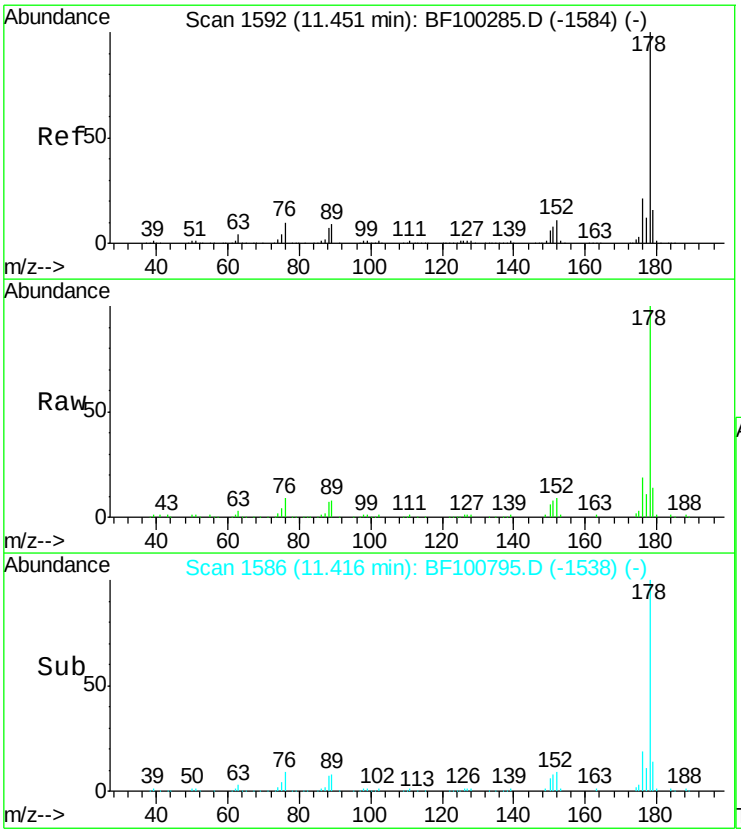
#66
4-Bromophenyl-phenylether
Concen: 2.23 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.26 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4922

Ion	Ratio	Lower	Upper
248	100		
250	185.5	76.9	115.3#
141	460.0	74.4	111.6#

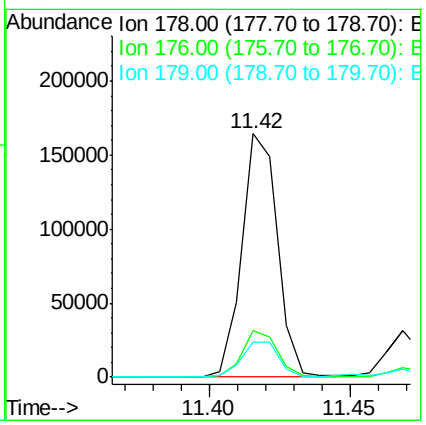


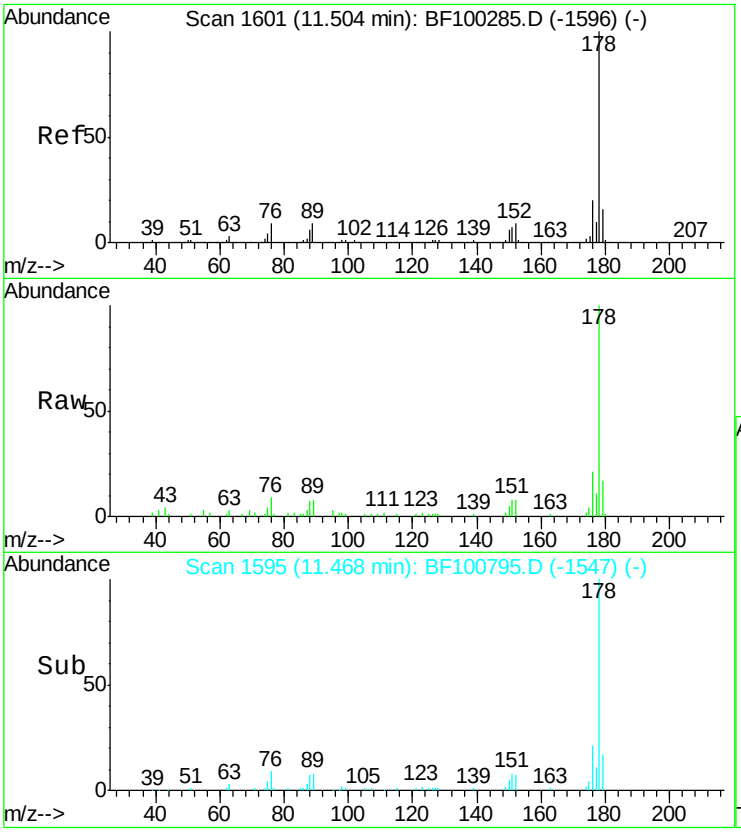


#70
Phenanthrene
Concen: 13.24 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:178 Resp: 143706

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.4	13.0	19.6



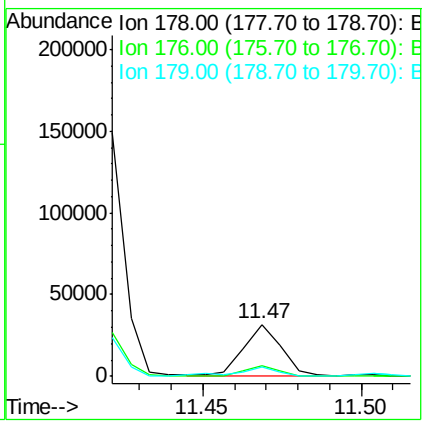


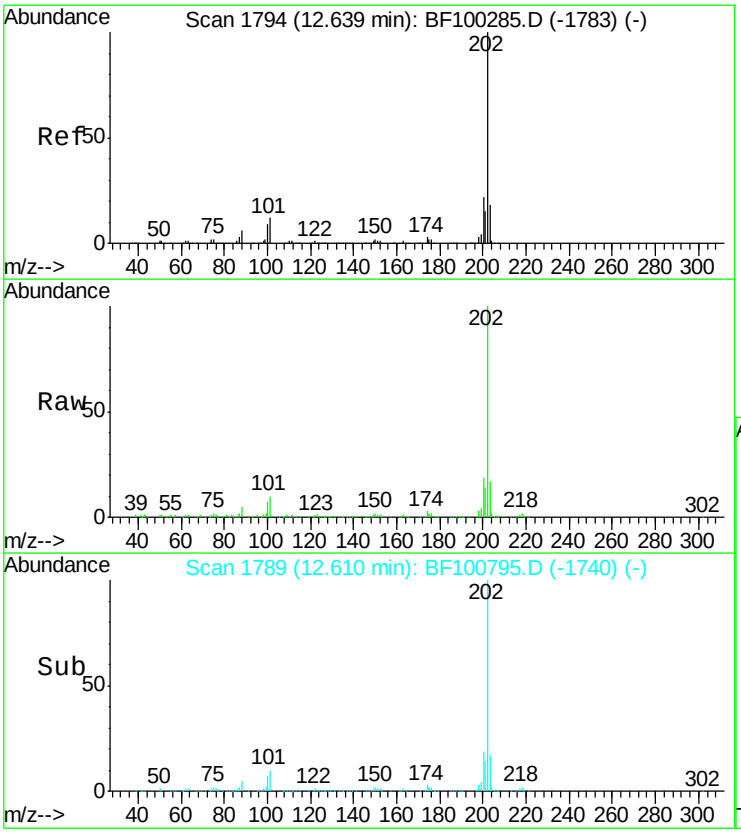
#71
Anthracene
Concen: 2.35 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 25869

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	17.2	12.6	19.0

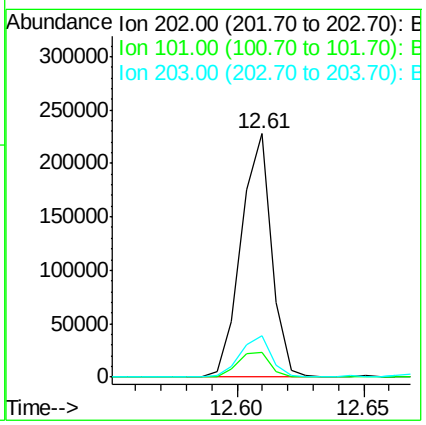


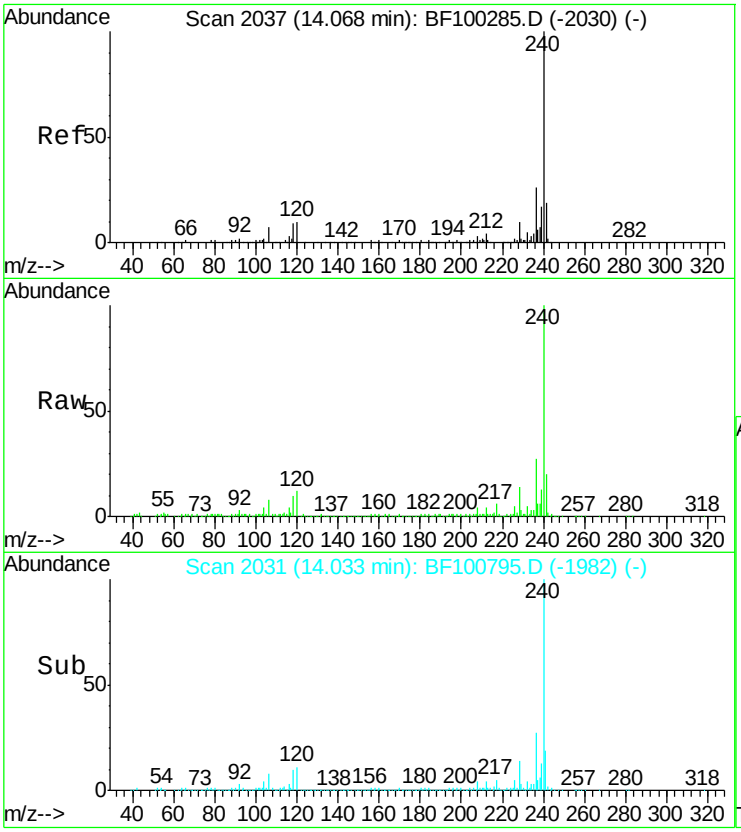


#74
Fluoranthene
Concen: 16.51 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:202 Resp: 189961

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	16.9	0.0	38.1



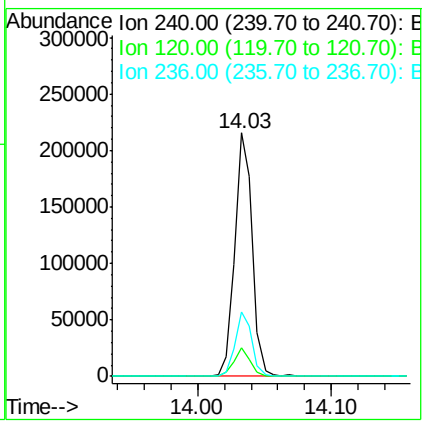


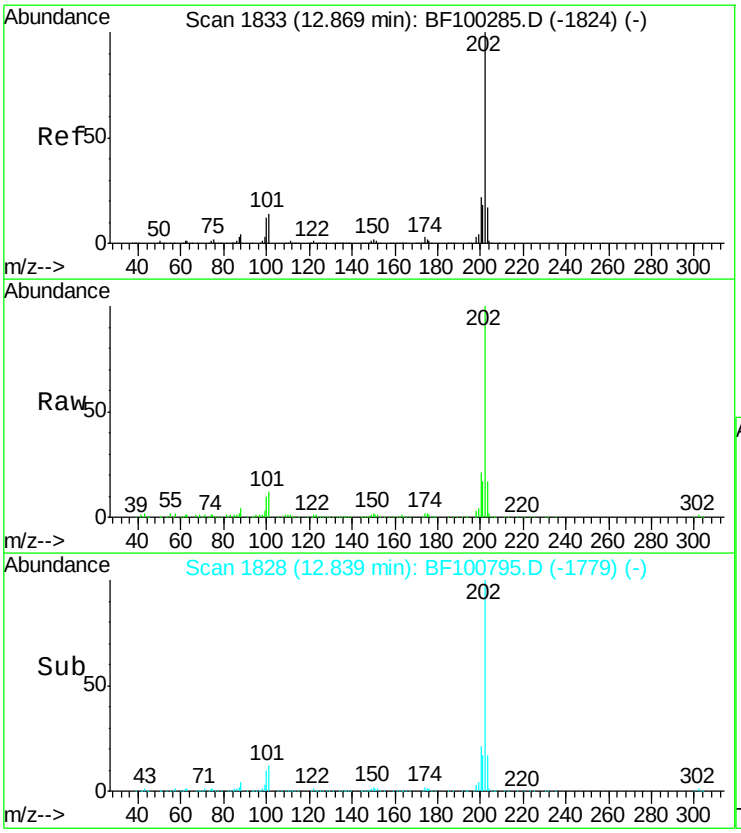
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 197730

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.6	20.7	31.1

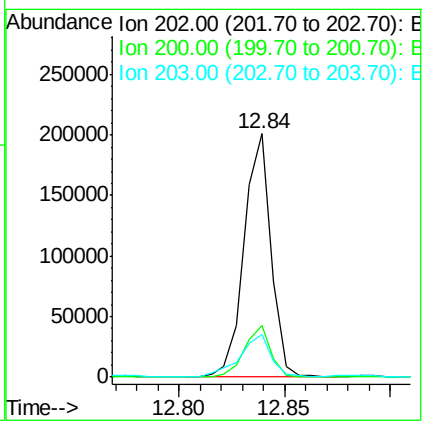


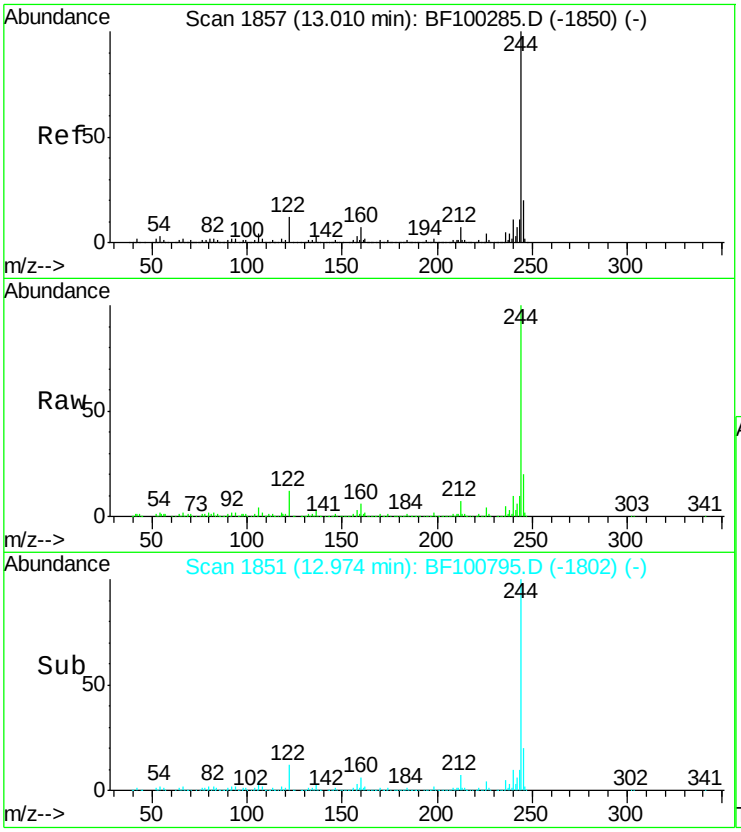


#77
Pyrene
Concen: 12.63 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:202 Resp: 177974

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.5	14.3	21.5



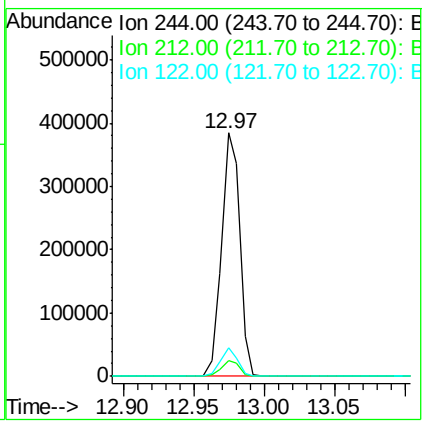


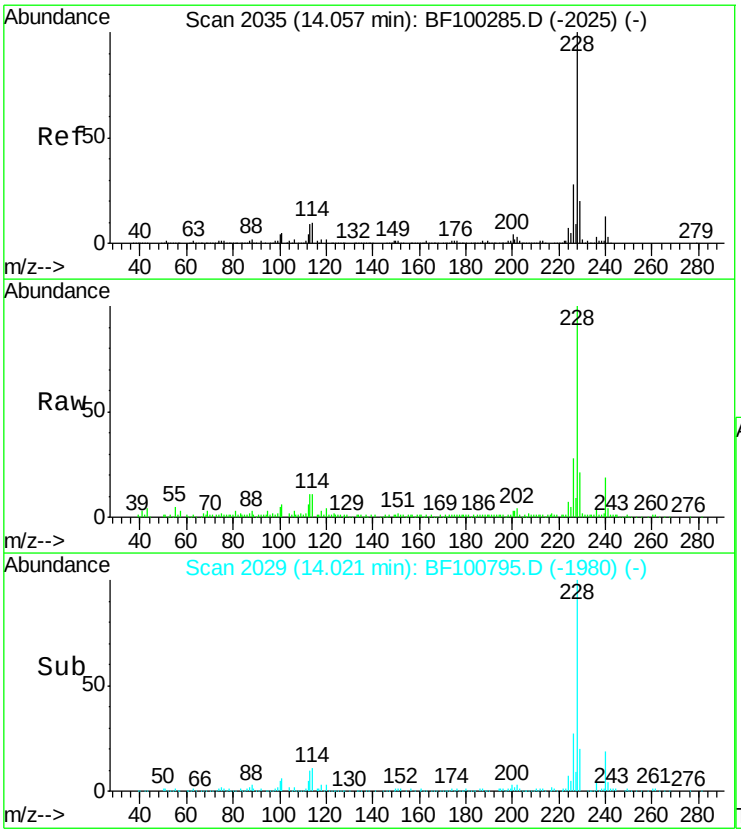
#78
Terphenyl-d14
Concen: 40.23 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 346173

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4

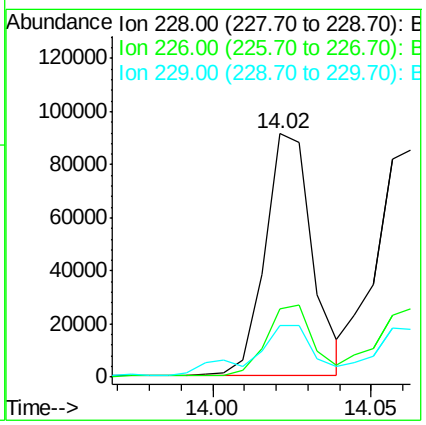


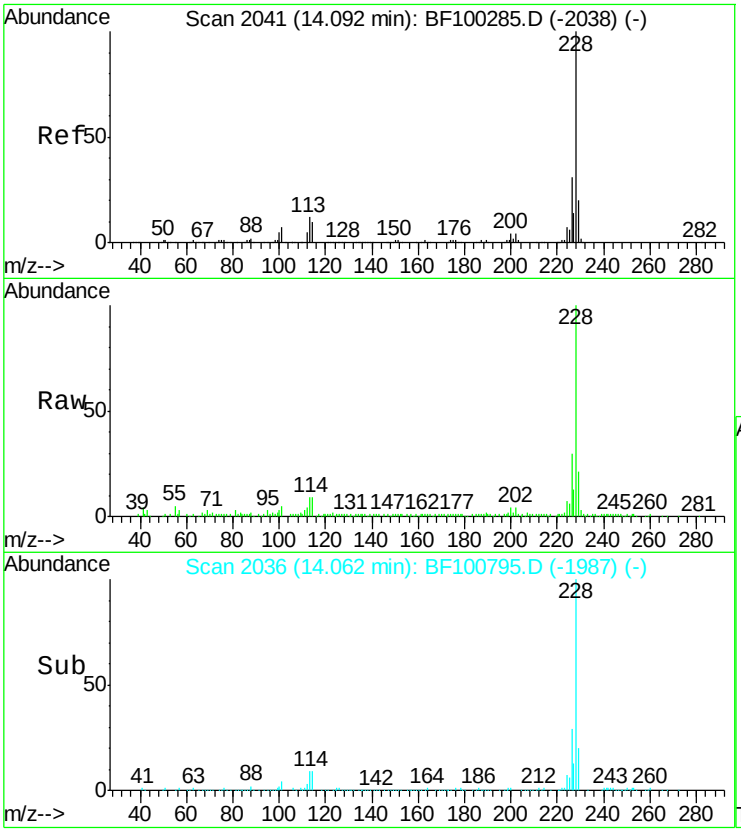


#80
Benzo(a)anthracene
Concen: 7.95 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:228 Resp: 94696

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.3	15.8	23.6



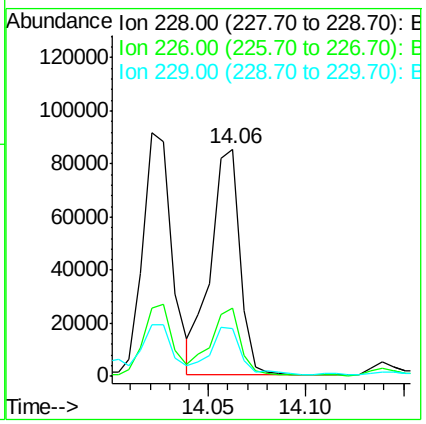


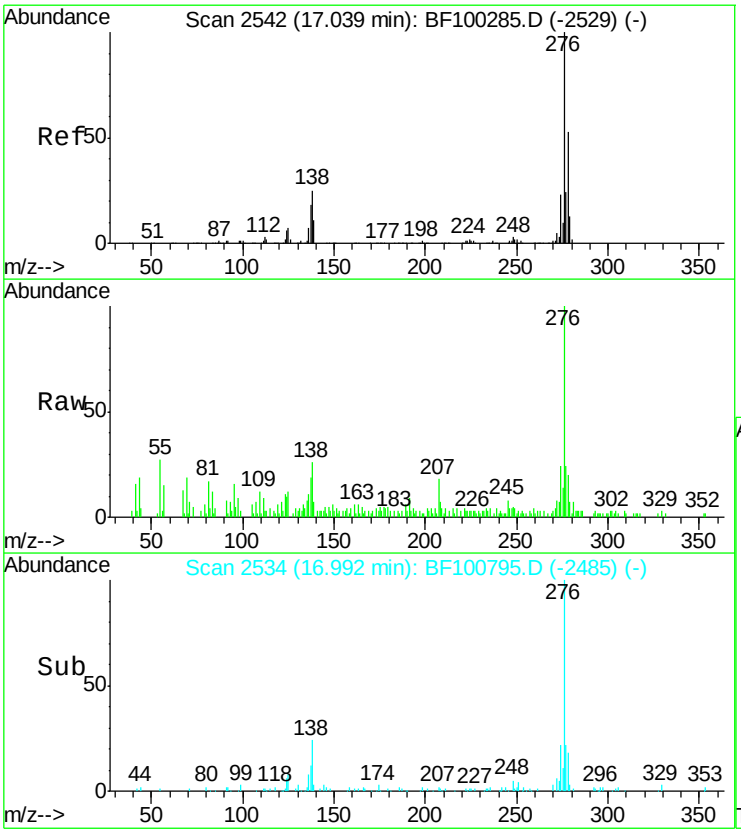
#82
Chrysene
Concen: 7.77 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 89589

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.9	16.2	24.4

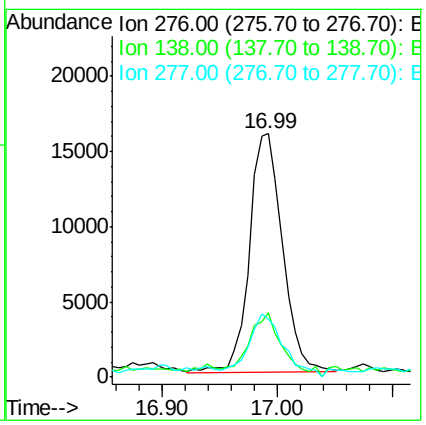


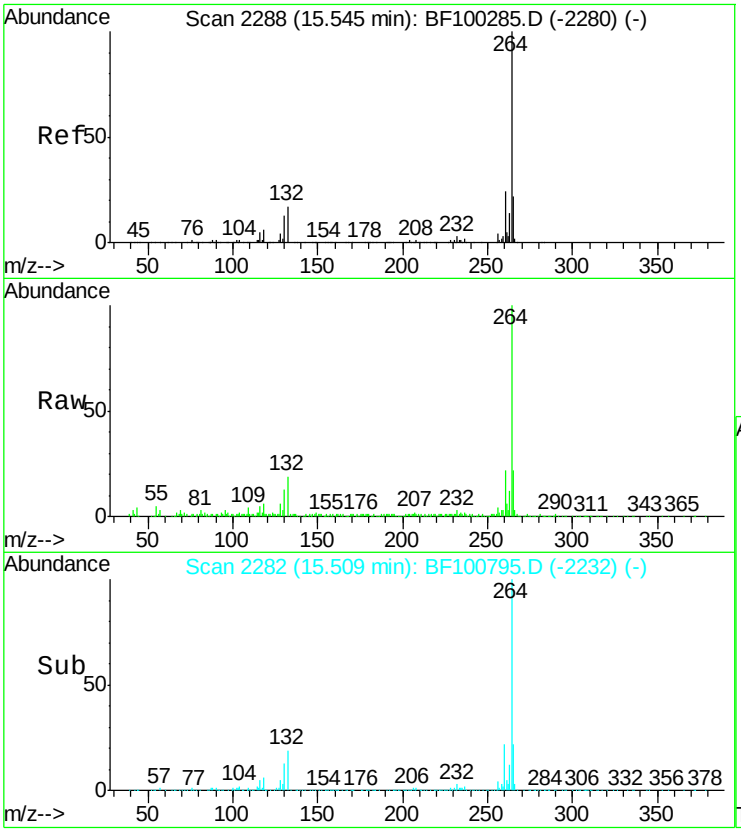


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.40 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:276 Resp: 31715

Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	28.6	20.1	30.1



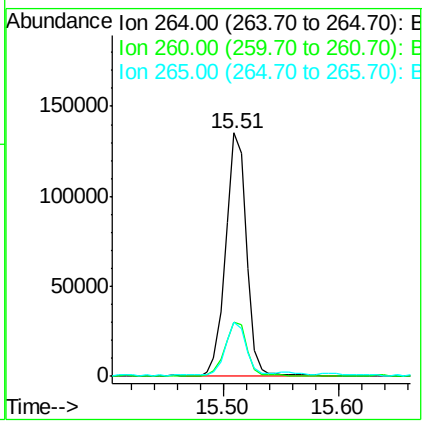


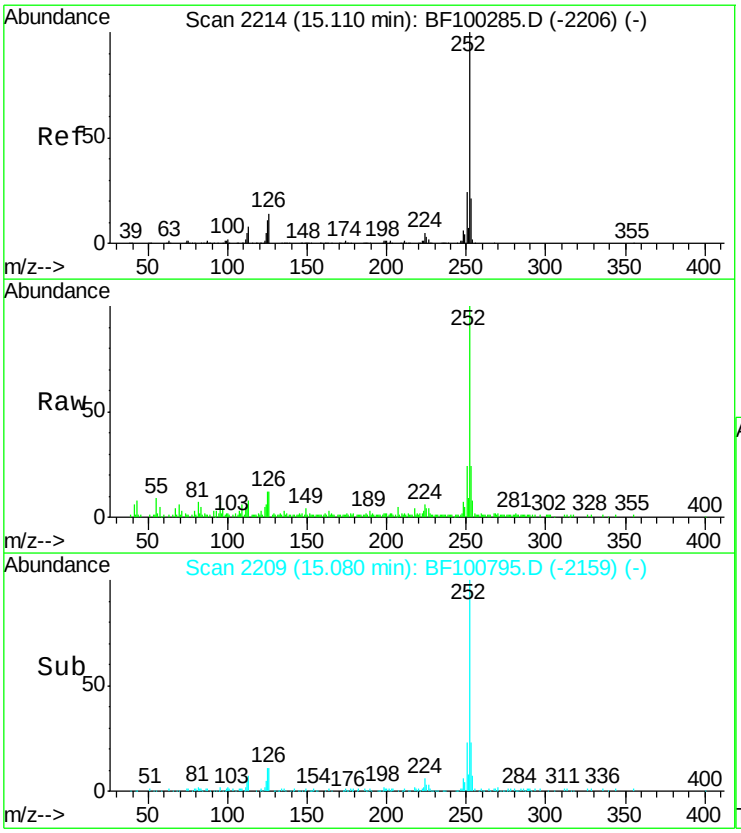
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167841

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	22.1	17.5	26.3

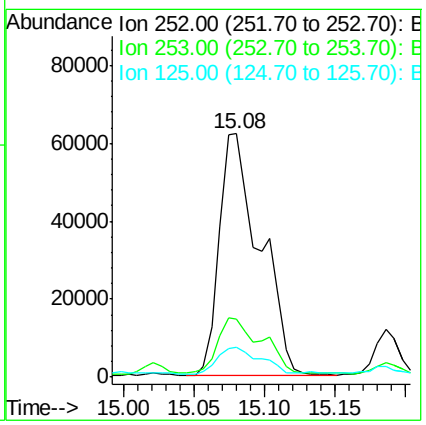


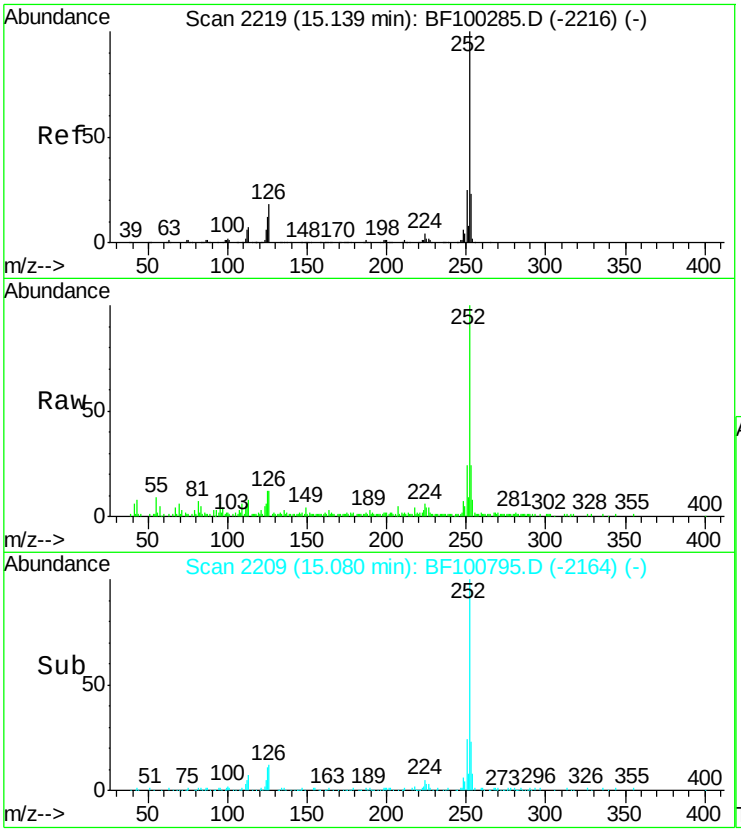


#87
Benzo(b)fluoranthene
Concen: 12.58 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:252 Resp: 125117

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.3	9.0	13.6



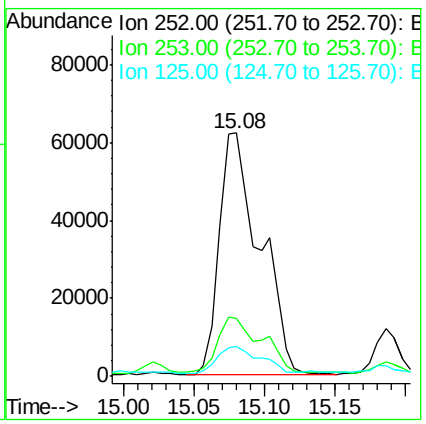


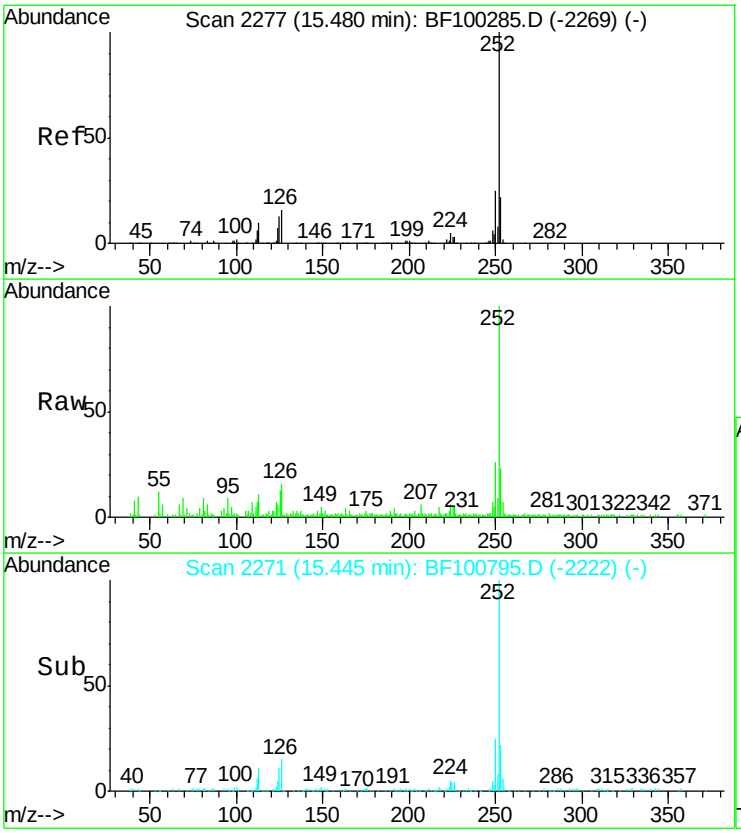
#88
Benzo(k)fluoranthene
Concen: 13.32 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 125117

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.3	10.2	15.2

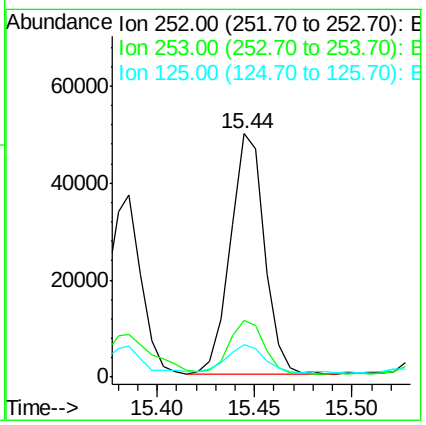


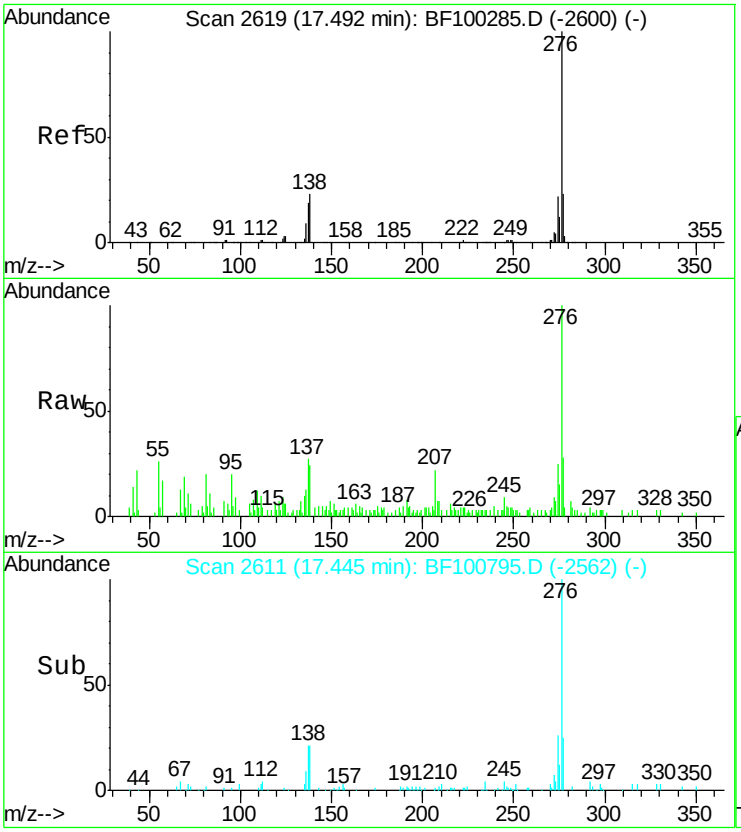


#89
Benzo(a)pyrene
Concen: 6.86 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Tgt Ion:252 Resp: 60505

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.49 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF100795.D
Acq: 21 Nov 2017 21:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31676

Ion	Ratio	Lower	Upper
276	100		
277	28.4	17.9	26.9#
138	24.3	21.8	32.8