Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100793.D
Acq On : 21 Nov 2017 21:00
Operator : SJ/JU
Sample : I6499-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:18:29 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	73543	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	281601	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	118952	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	185284	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	156875	20.00	ng		-0.01
86) Perylene-d12	15.50	264	167519	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	479848	104.59	ng		0.00
7) Phenol-d6	6.50	99	616649	109.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	372403	87.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	136518	112.63	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	740888	94.84	ng		-0.01
78) Terphenyl-d14	12.98	244	499182	73.11	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	28580	4.81	ng		90
19) n-Nitroso-di-n-propylamine	7.43	70	47792	12.18	ng	#	80
25) Isophorone	7.43	82	372399	41.61	ng	#	64
47) 2-Nitroaniline	9.62	65	500	3.00	ng	#	1
49) Dimethylphthalate	9.62	163	68372	7.53	ng		99
56) 2,4-Dinitrotoluene	9.91	165	15103	6.66	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	123	8.68	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	8561	4.31	ng	#	1
70) Phenanthrene	11.42	178	39541	4.05	ng		98
74) Fluoranthene	12.60	202	73419	7.10	ng		97
77) Pyrene	12.83	202	67529	6.04	ng		97
80) Benzo(a)anthracene	14.02	228	49503	5.24	ng		96
82) Chrysene	14.06	228	41671	4.56	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	23372	3.16	ng		93
87) Benzo(b)fluoranthene	15.07	252	83655	8.43	ng		98
88) Benzo(k)fluoranthene	15.07	252	83655	8.92	ng		99
89) Benzo(a)pyrene	15.44	252	42094	4.78	ng		97
91) Benzo(g,h,i)perylene	17.43	276	21229	3.01	ng		98

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

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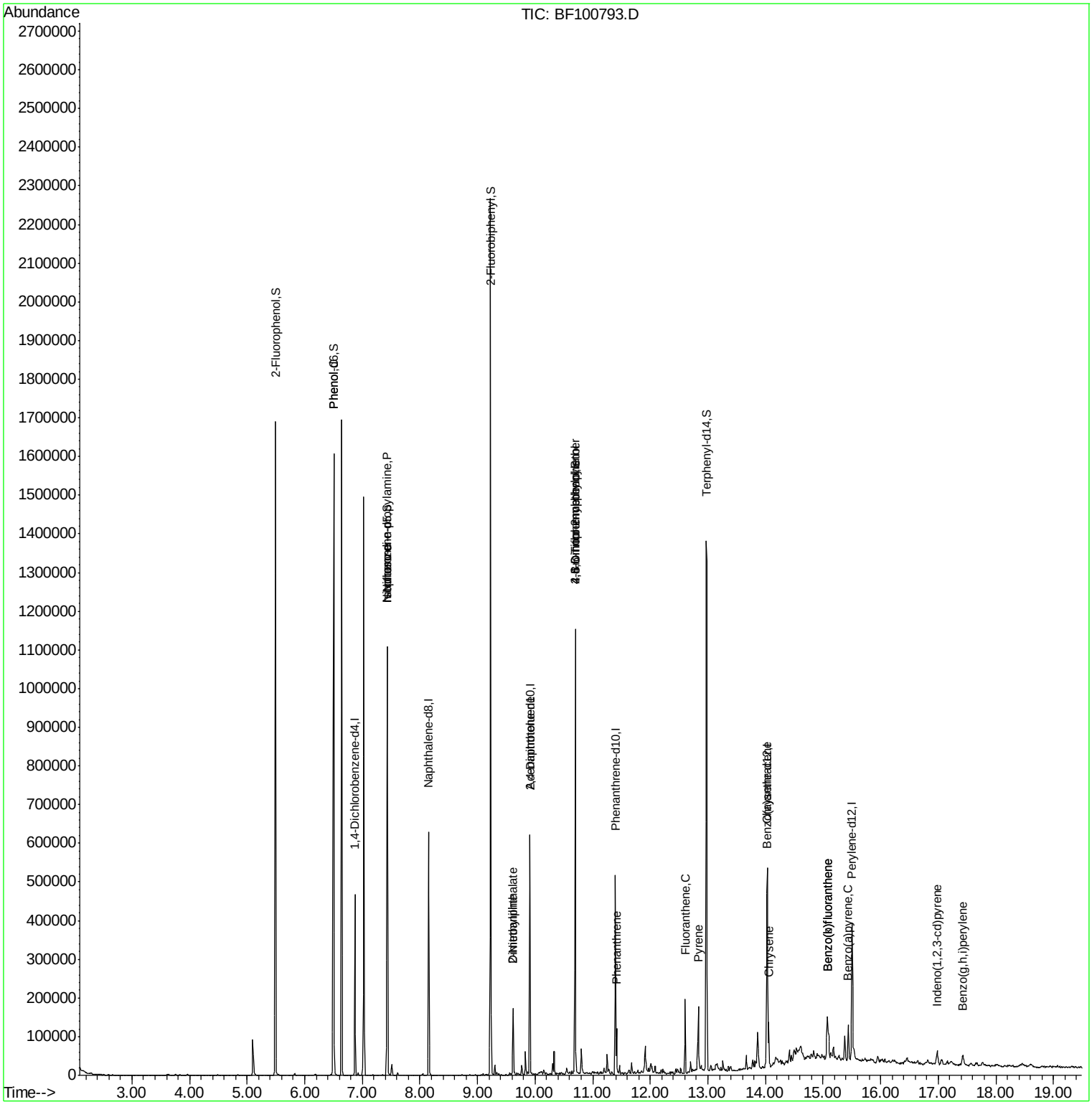
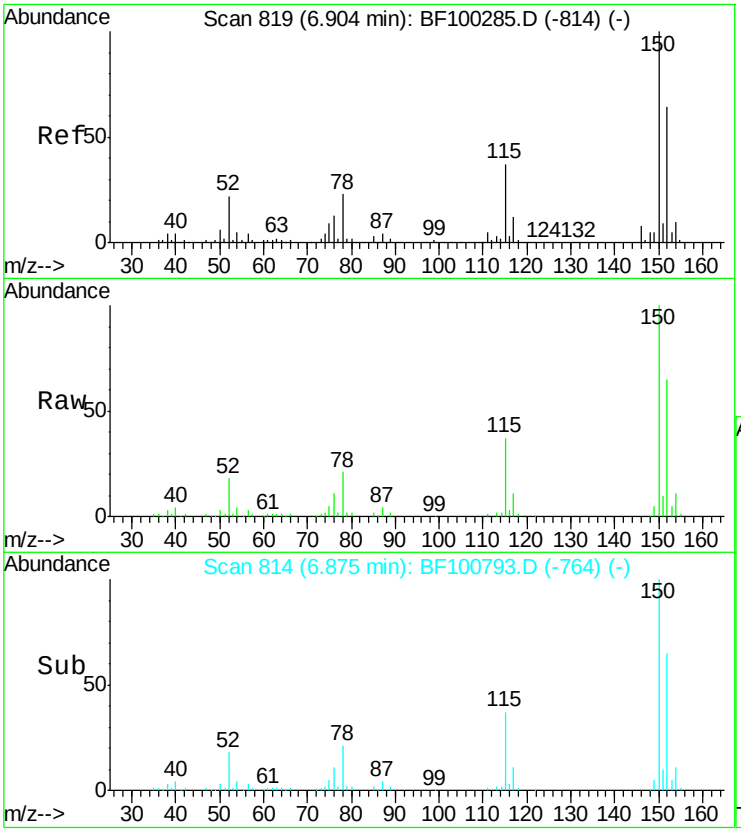


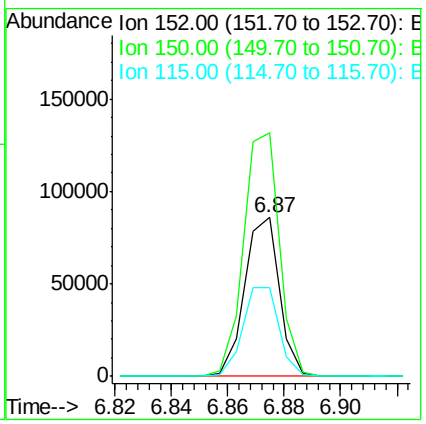


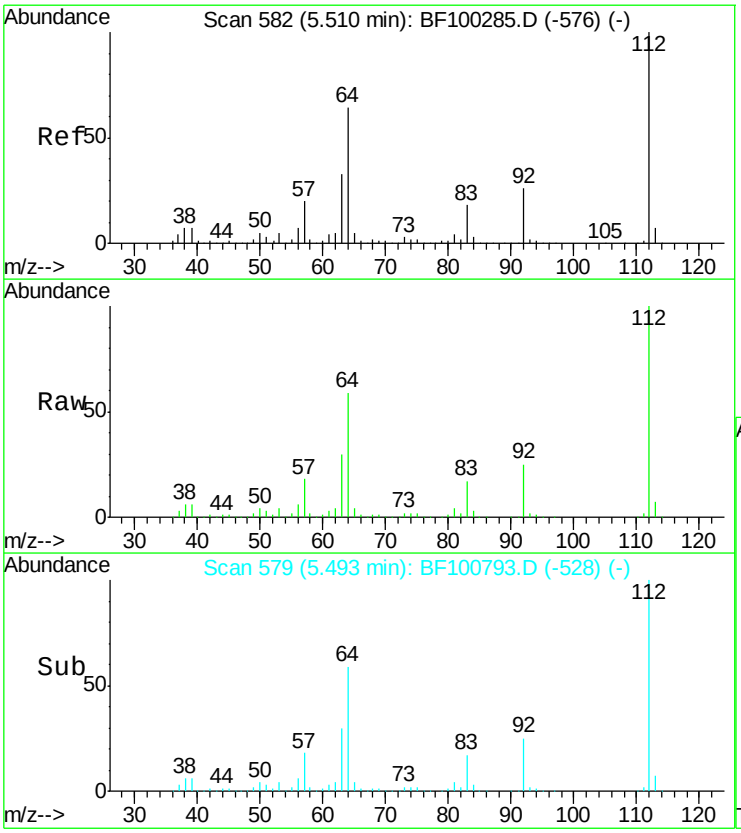
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73543

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	55.9	50.1	75.1

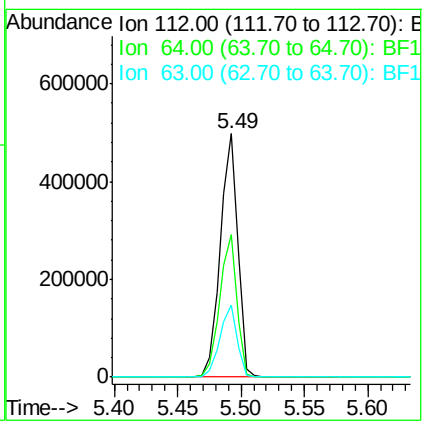


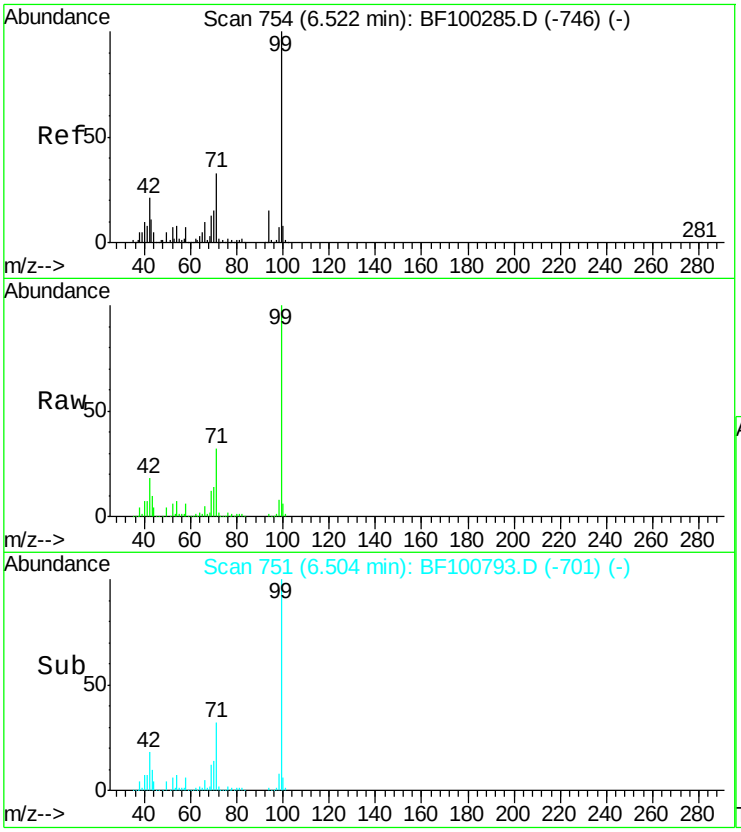


#5
2-Fluorophenol
Concen: 104.59 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:112 Resp: 479848

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.7	23.7	35.5



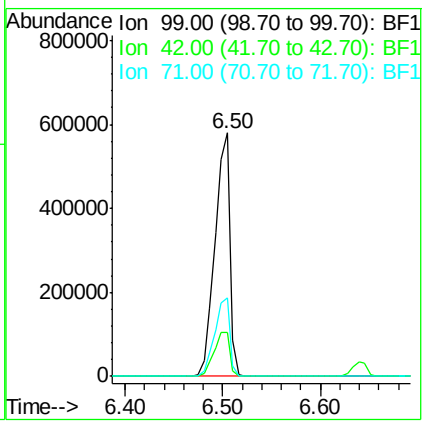


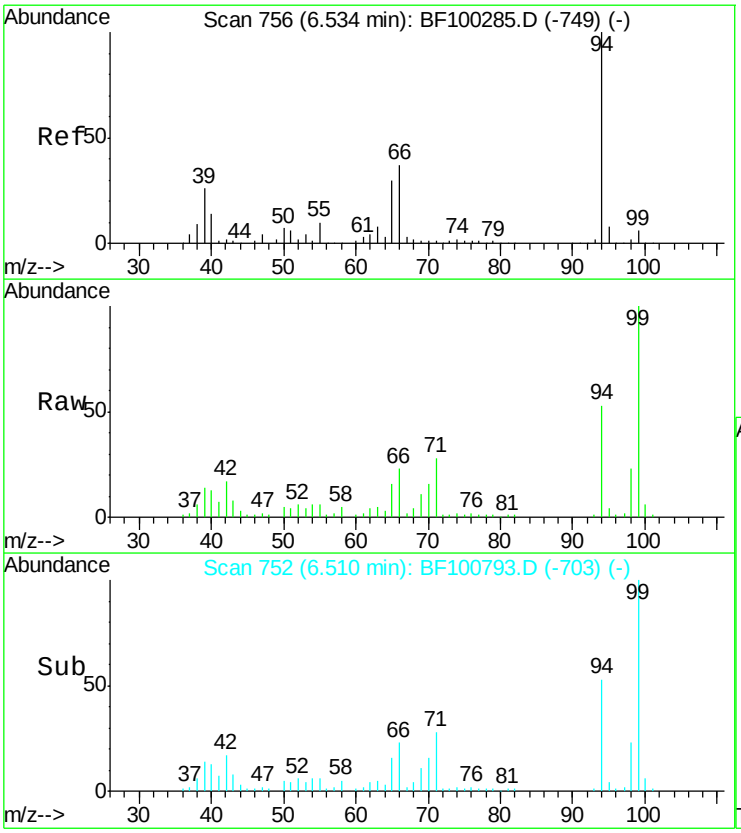
#7
Phenol-d6
Concen: 109.00 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 616649

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.1	25.4	38.0

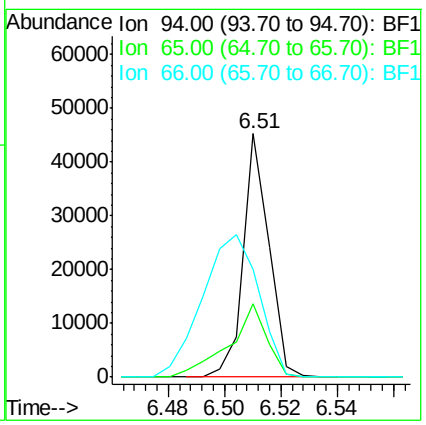


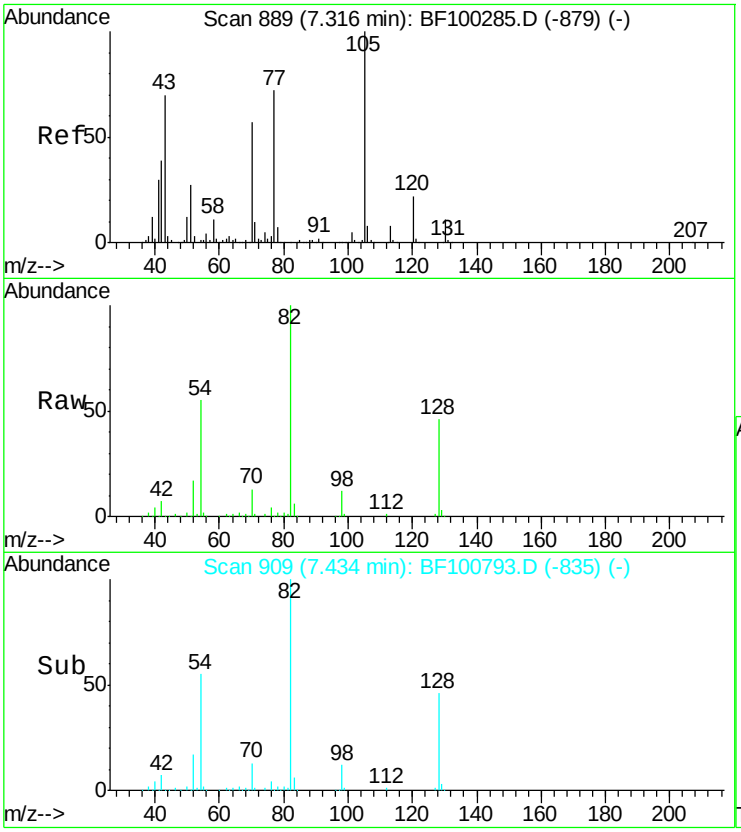


#10
Phenol
Concen: 4.81 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion: 94 Resp: 28580

Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	44.3	16.2	56.2



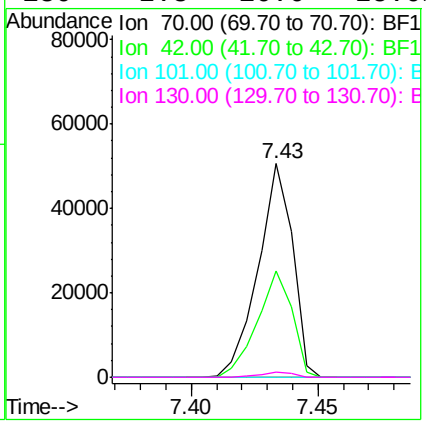


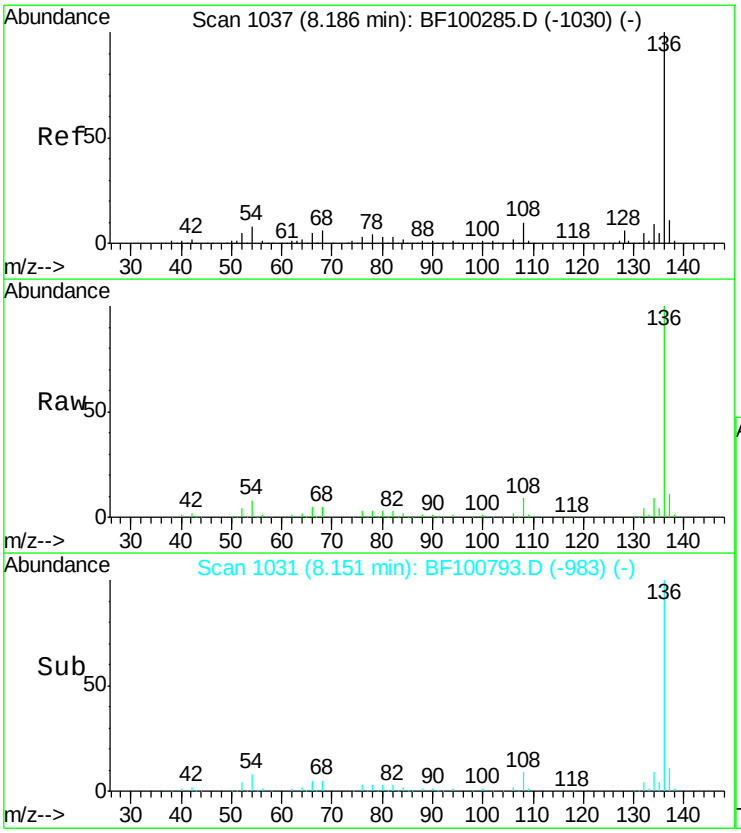
#19
n-Nitroso-di-n-propylamine
Concen: 12.18 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 47792

Ion	Ratio	Lower	Upper
70	100		
42	50.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

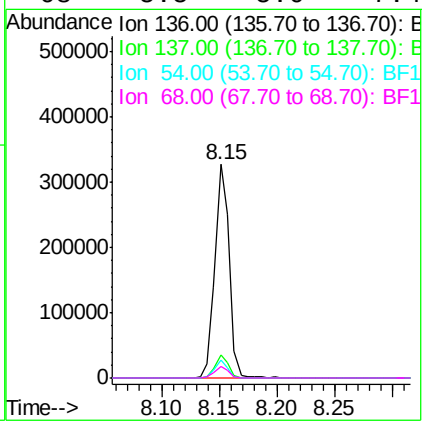


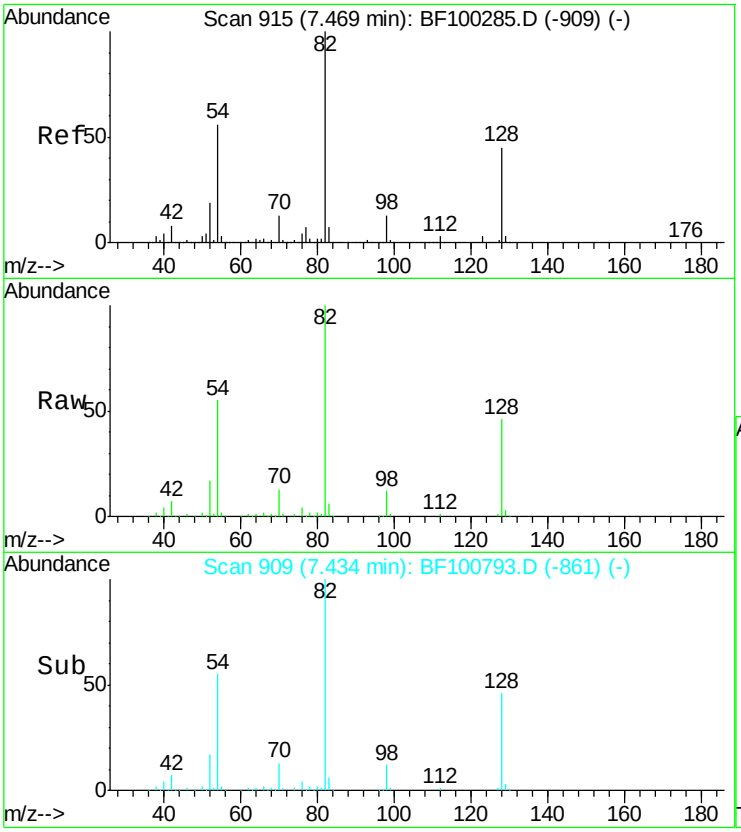


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:136 Resp: 281601

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.3	6.6	9.8
68	5.5	5.0	7.4



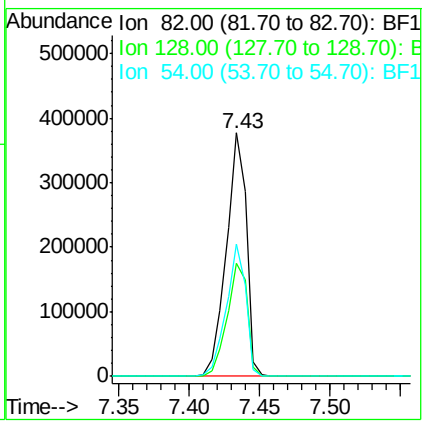


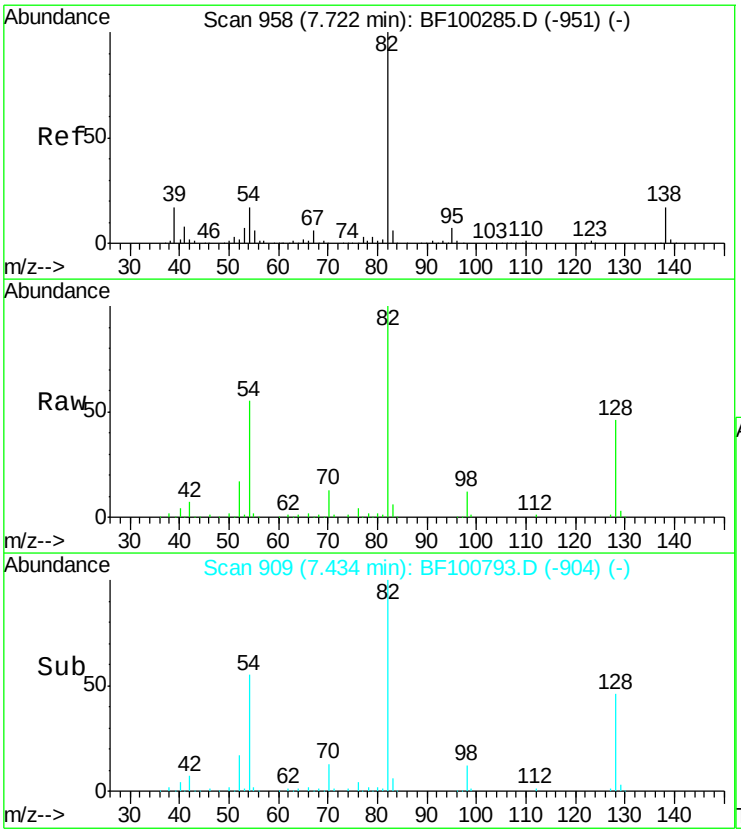
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 372403

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.5	41.4	62.2

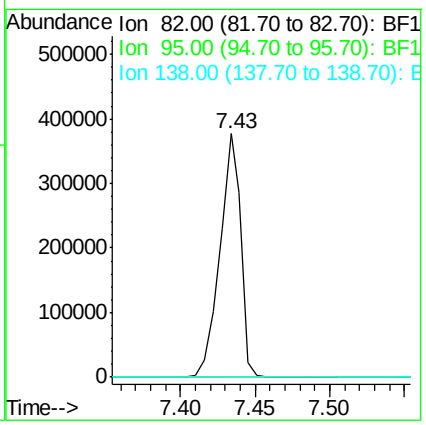


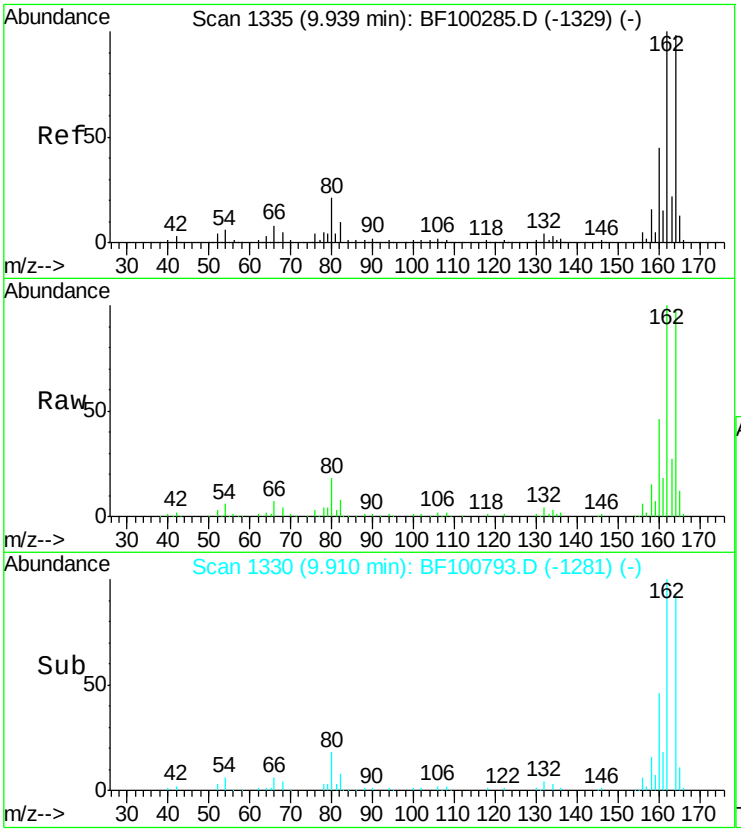


#25
Isophorone
Concen: 41.61 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion: 82 Resp: 372399

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



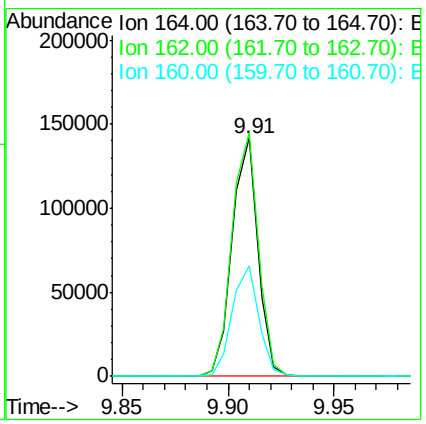


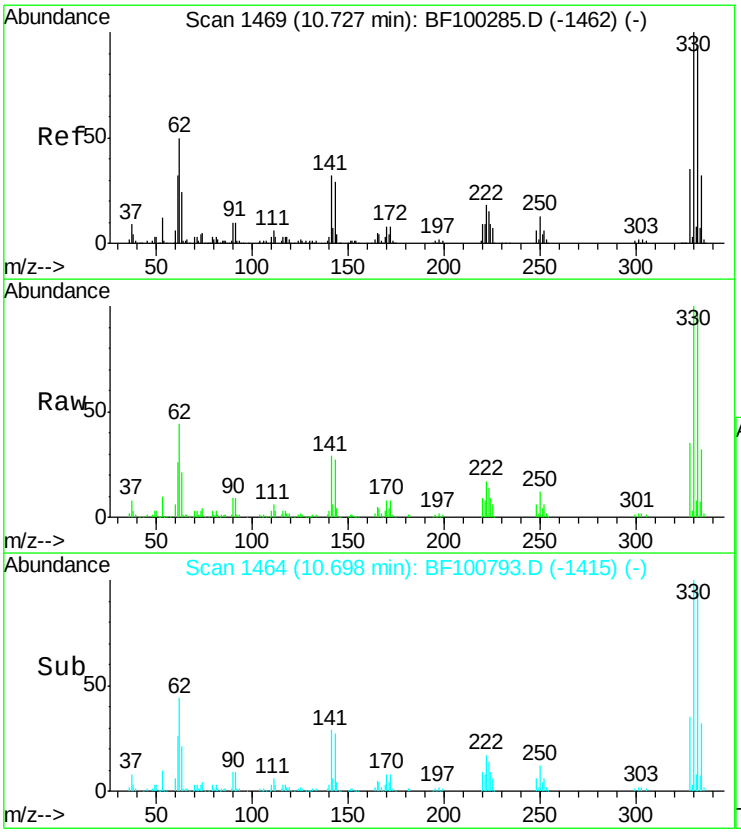
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 118952

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.7	38.3	57.5

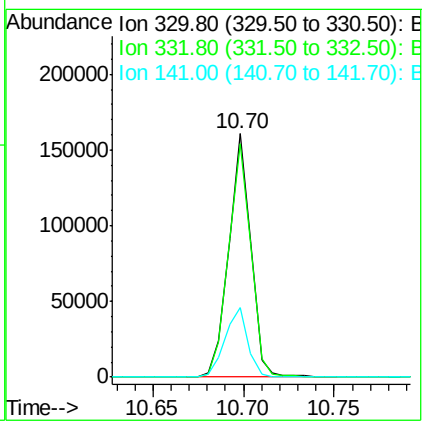


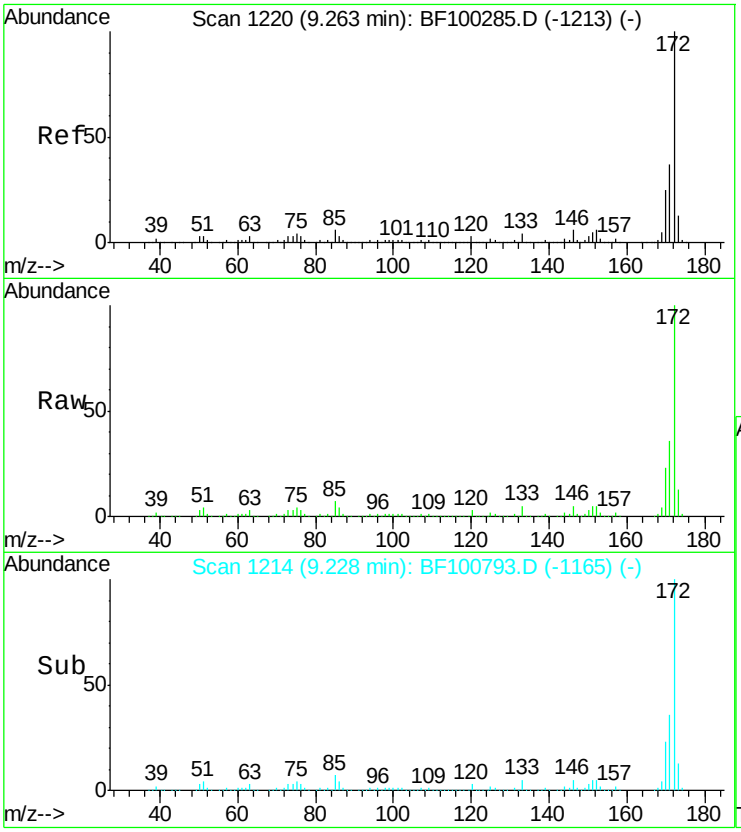


#41
2,4,6-Tribromophenol
Concen: 112.63 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:330 Resp: 136518

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.5	29.9	44.9#



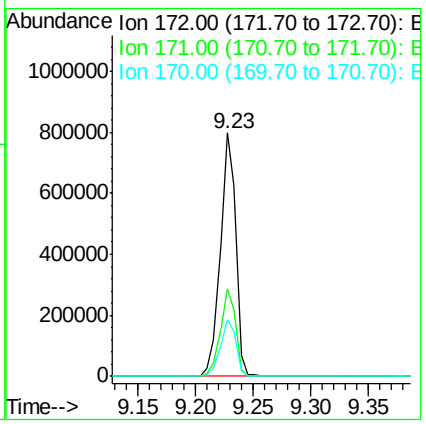


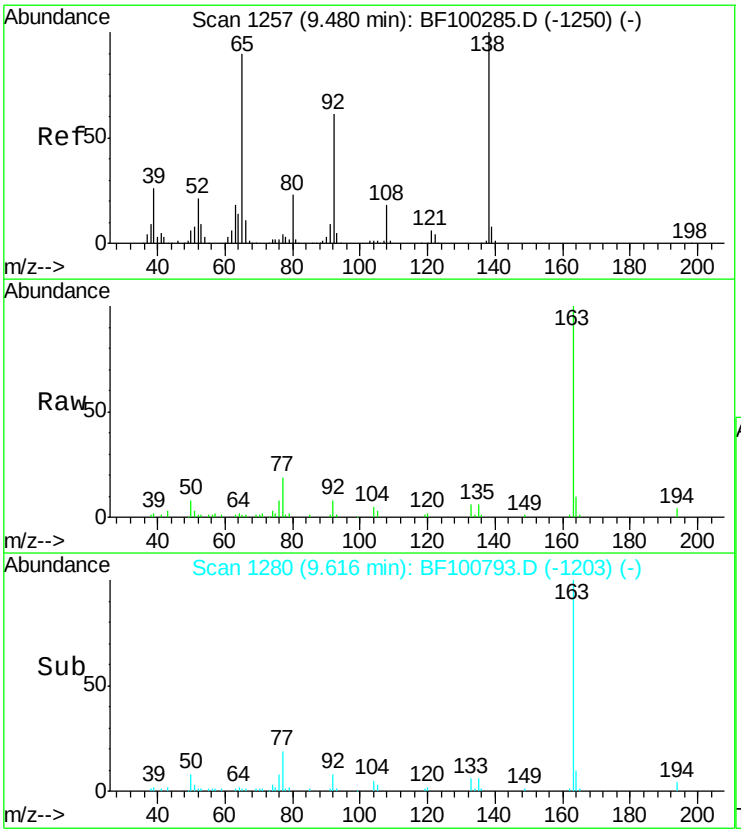
#44
2-Fluorobiphenyl
Concen: 94.84 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 740888

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	19.6	29.4

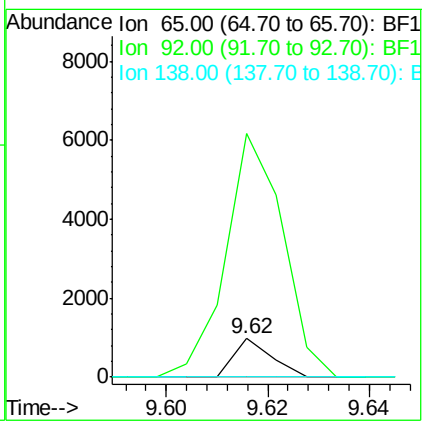


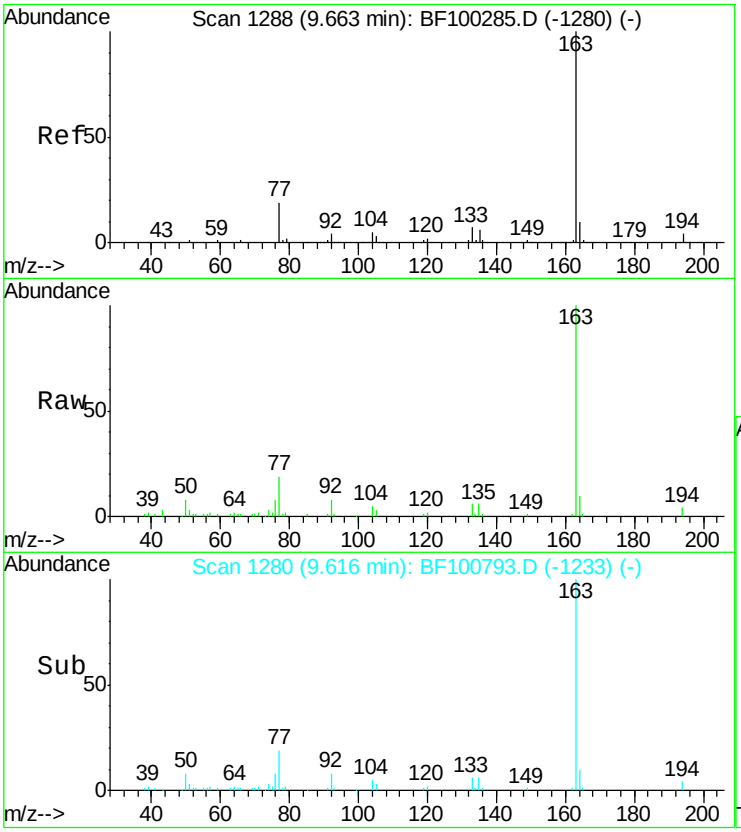


#47
2-Nitroaniline
Concen: 3.00 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion: 65 Resp: 500

Ion	Ratio	Lower	Upper
65	100		
92	635.2	55.8	83.6#
138	0.0	91.2	136.8#



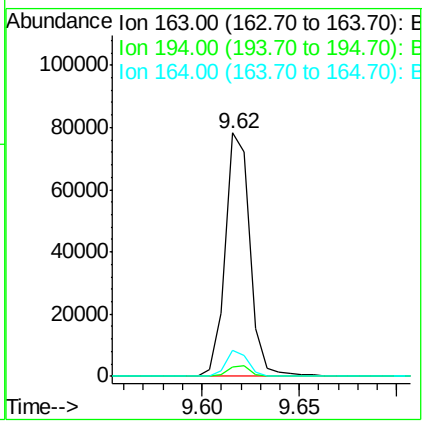


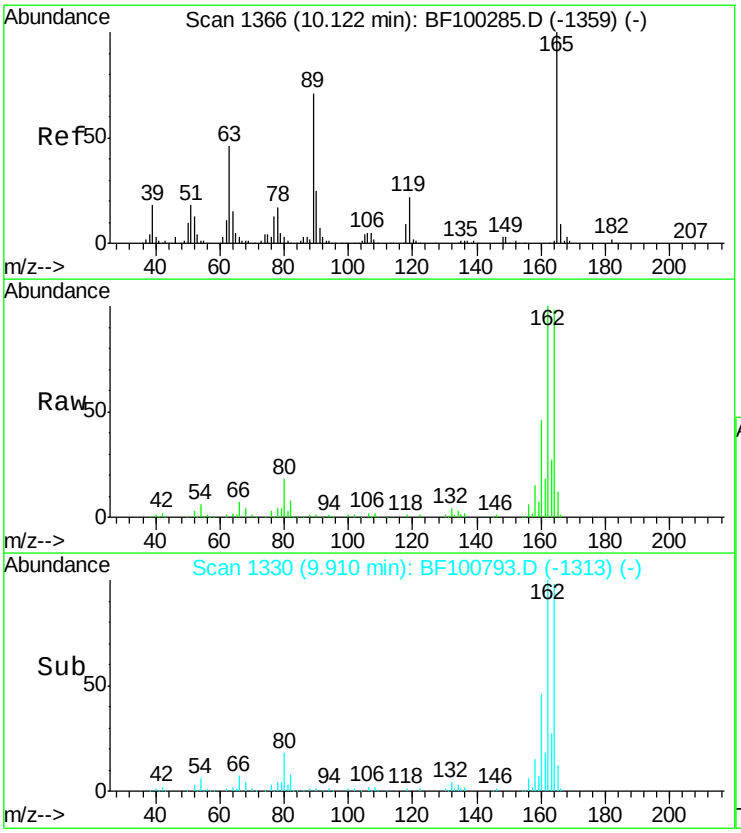
#49
Dimethylphthalate
Concen: 7.53 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 68372

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2

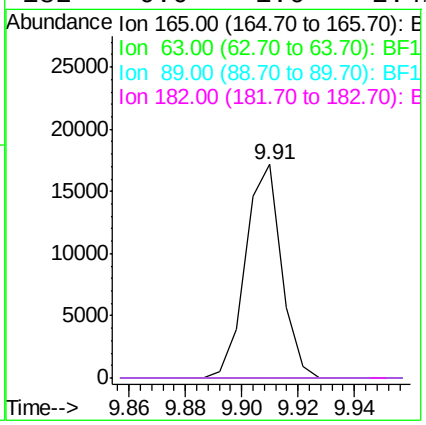


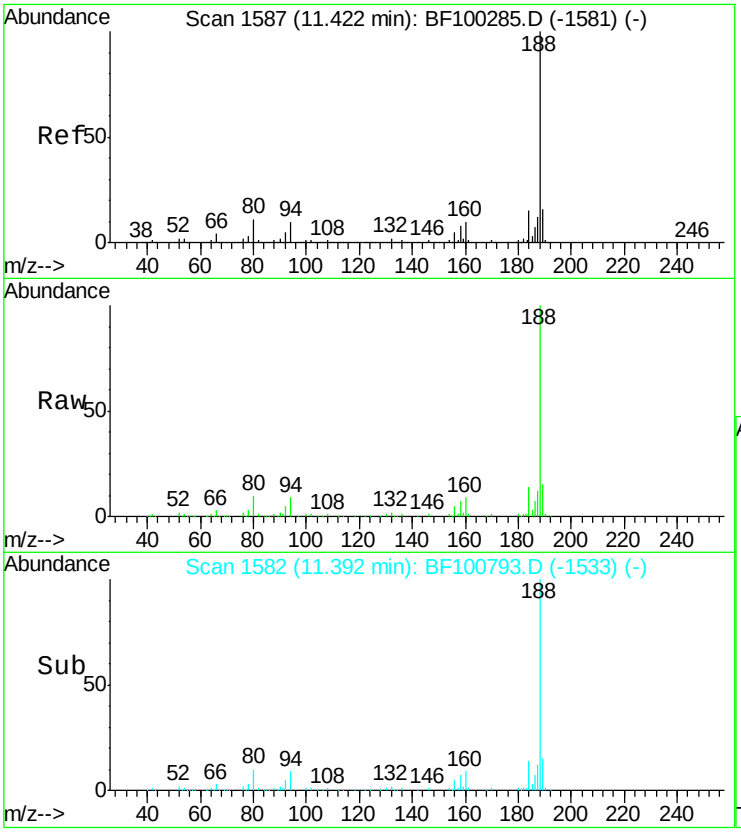


#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:165 Resp: 15103

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#



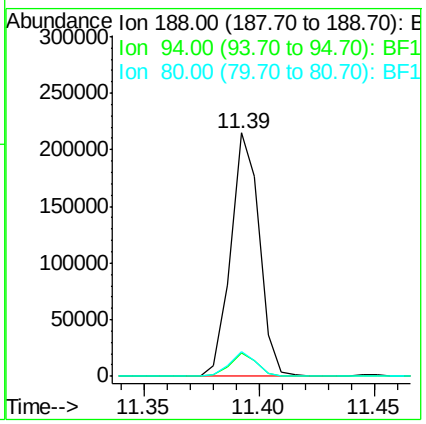


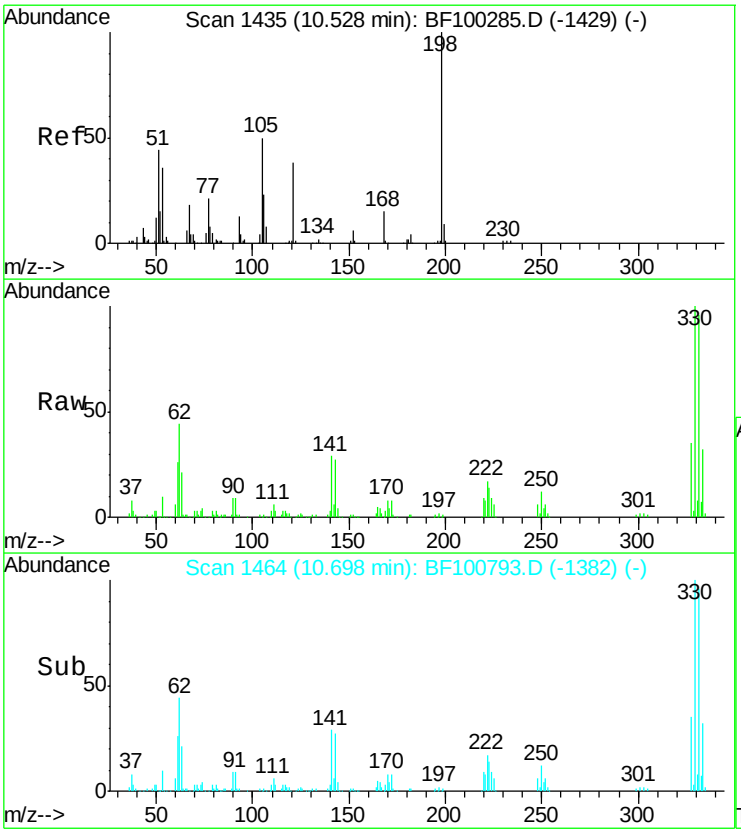
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 185284

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.1	9.2	13.8

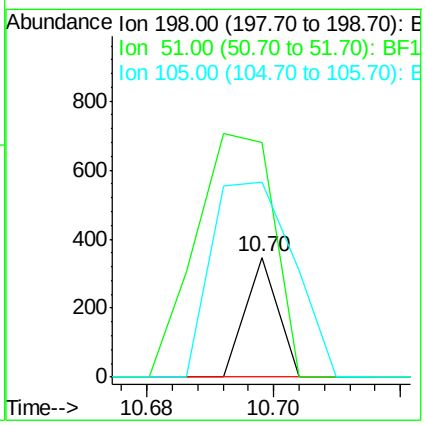


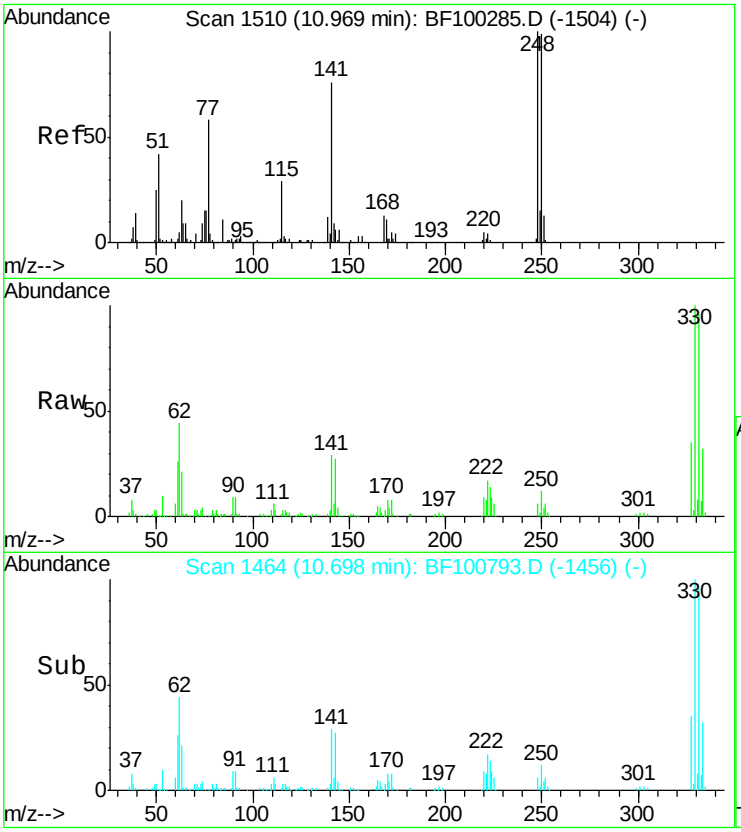


#64
4,6-Dinitro-2-methylphenol
Concen: 8.68 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	195.1	37.7	77.7#
105	162.9	36.3	76.3#



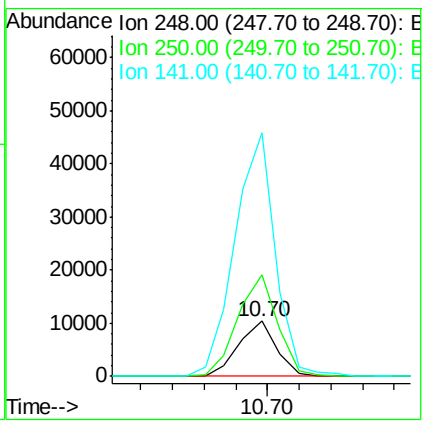


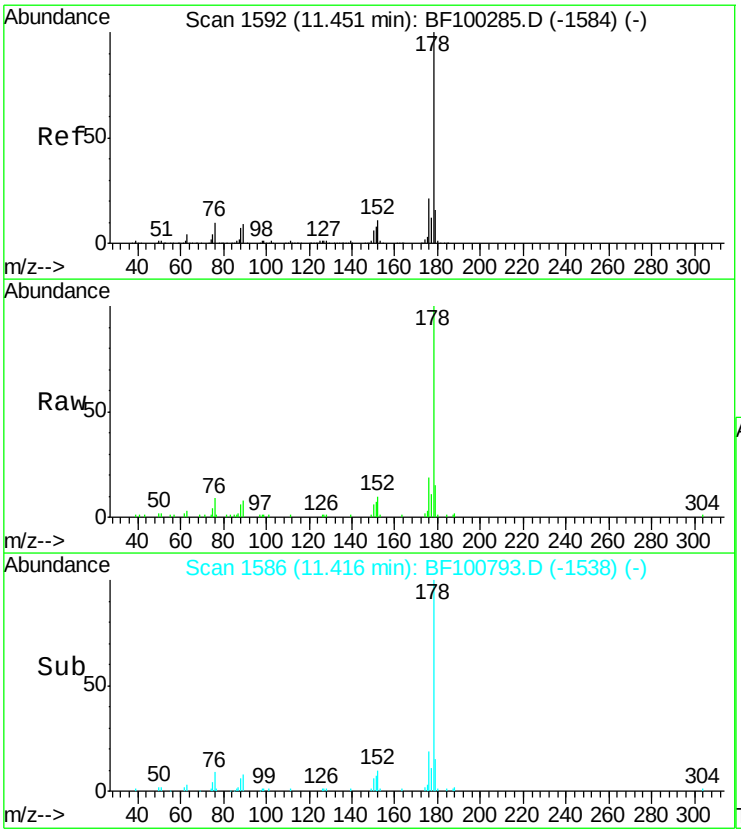
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8561

Ion	Ratio	Lower	Upper
248	100		
250	183.7	76.9	115.3#
141	441.2	74.4	111.6#

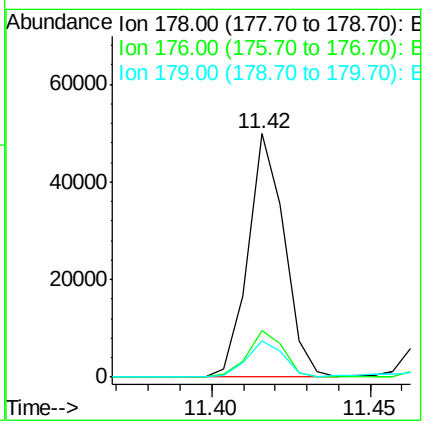


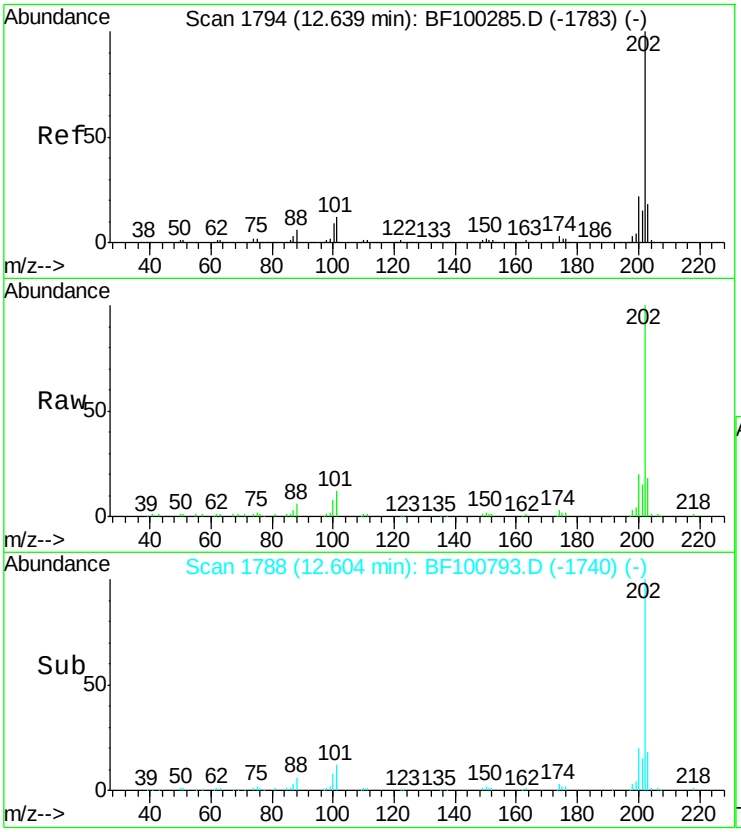


#70
Phenanthrene
Concen: 4.05 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:178 Resp: 39541

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6



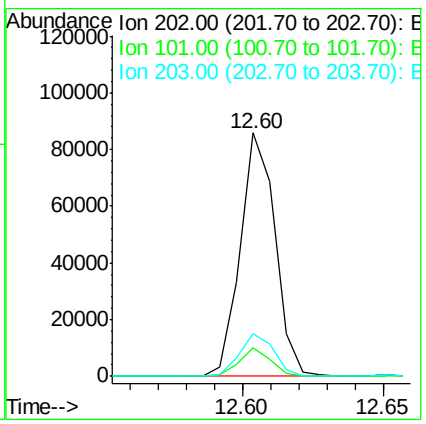


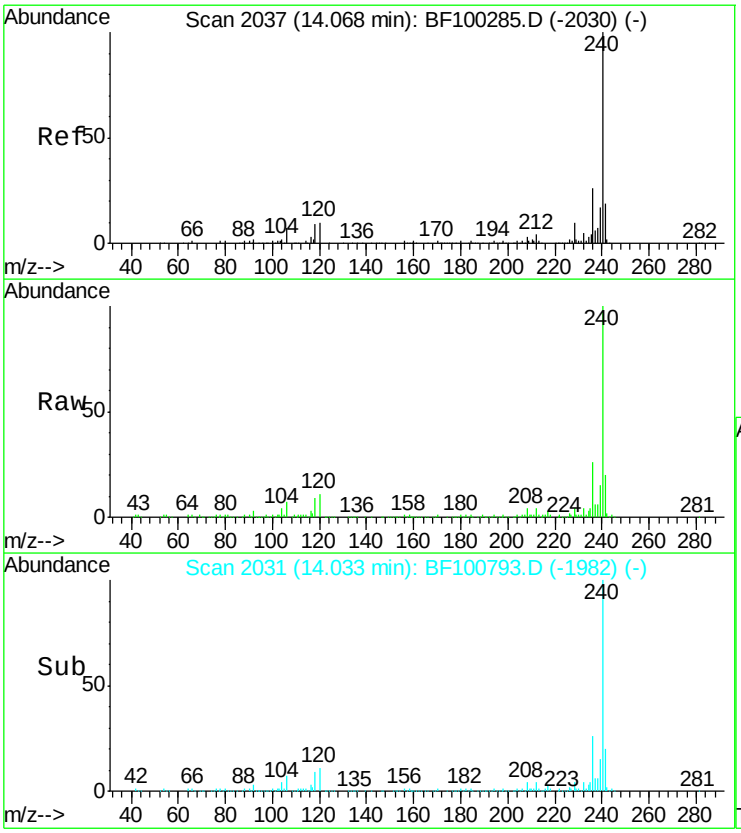
#74
Fluoranthene
Concen: 7.10 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73419

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.8	0.0	38.1

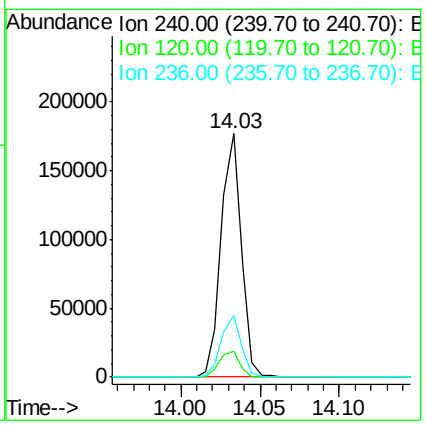


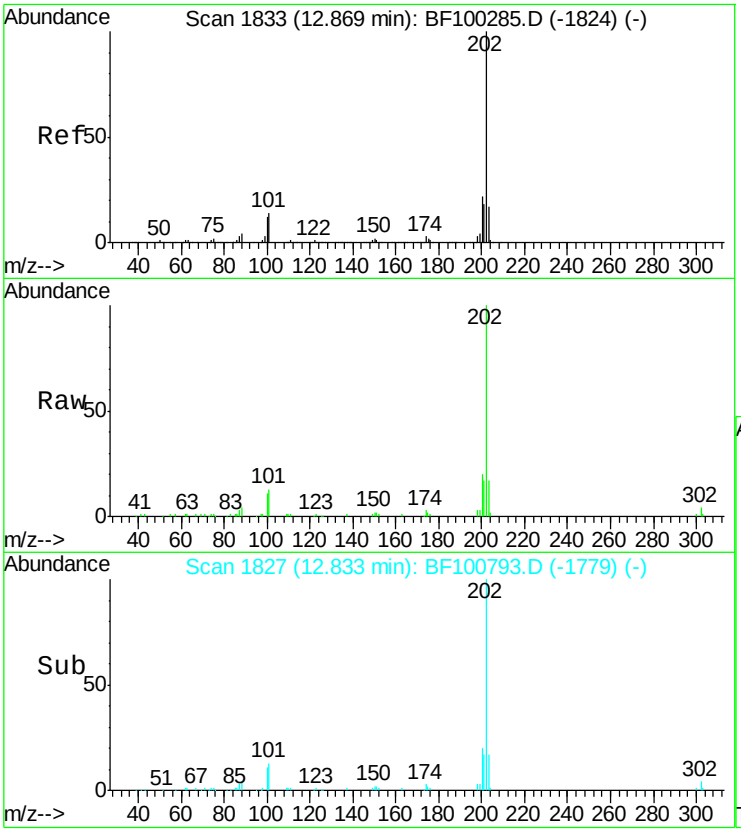


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:240 Resp: 156875

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	20.7	31.1



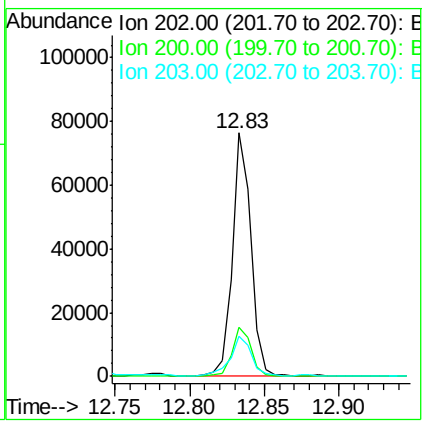


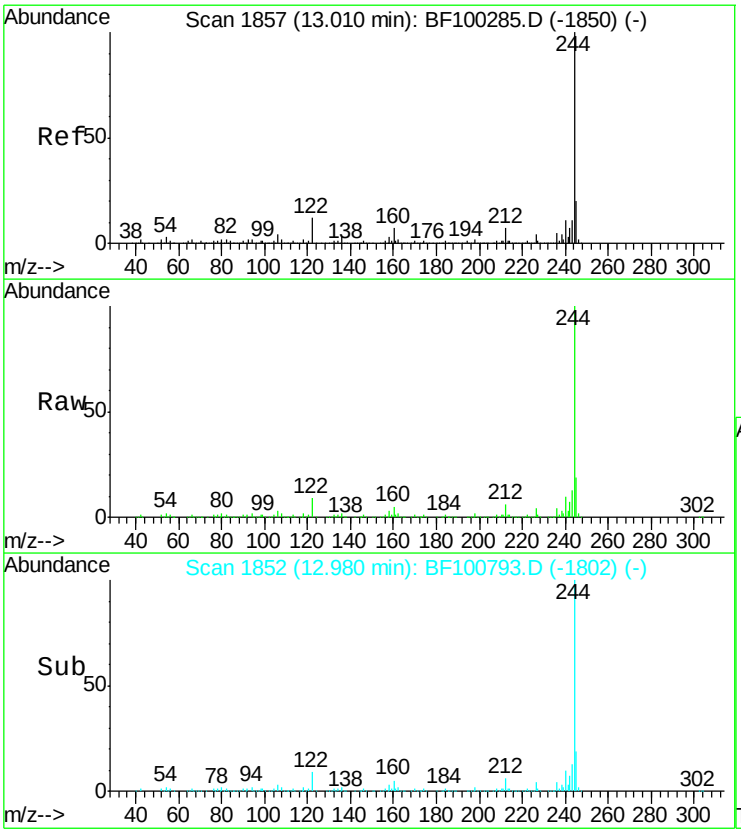
#77
Pyrene
Concen: 6.04 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 67529

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.6	14.3	21.5

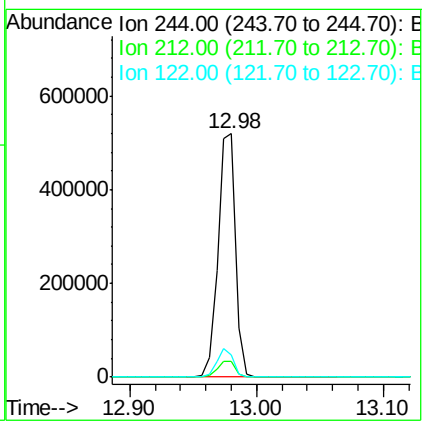


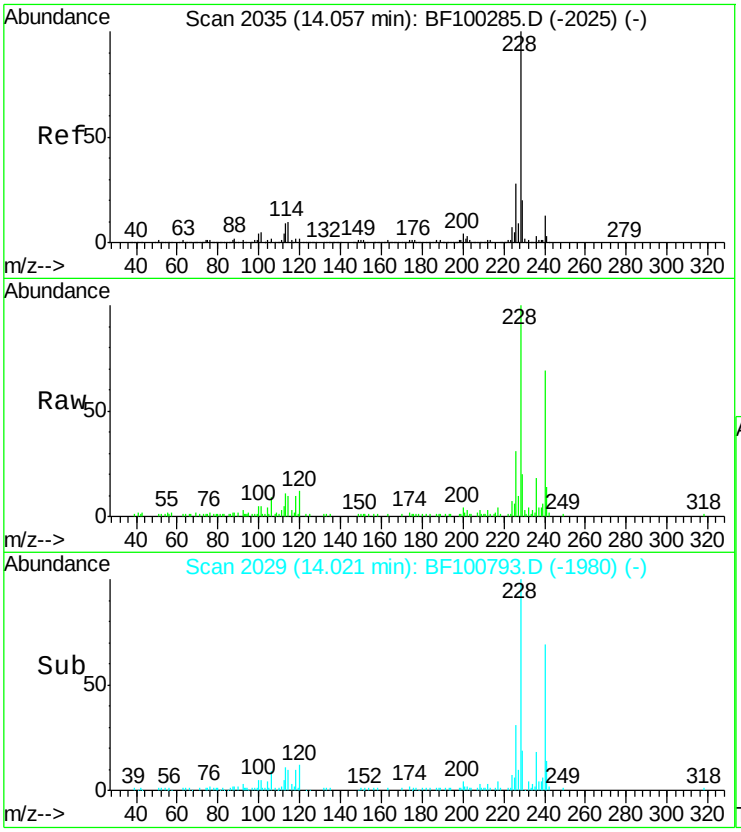


#78
Terphenyl-d14
Concen: 73.11 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:244 Resp: 499182

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.3	11.0	16.4#



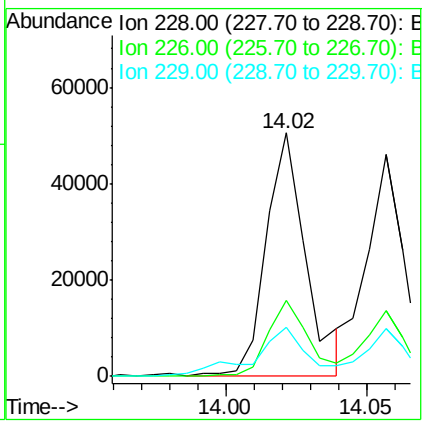


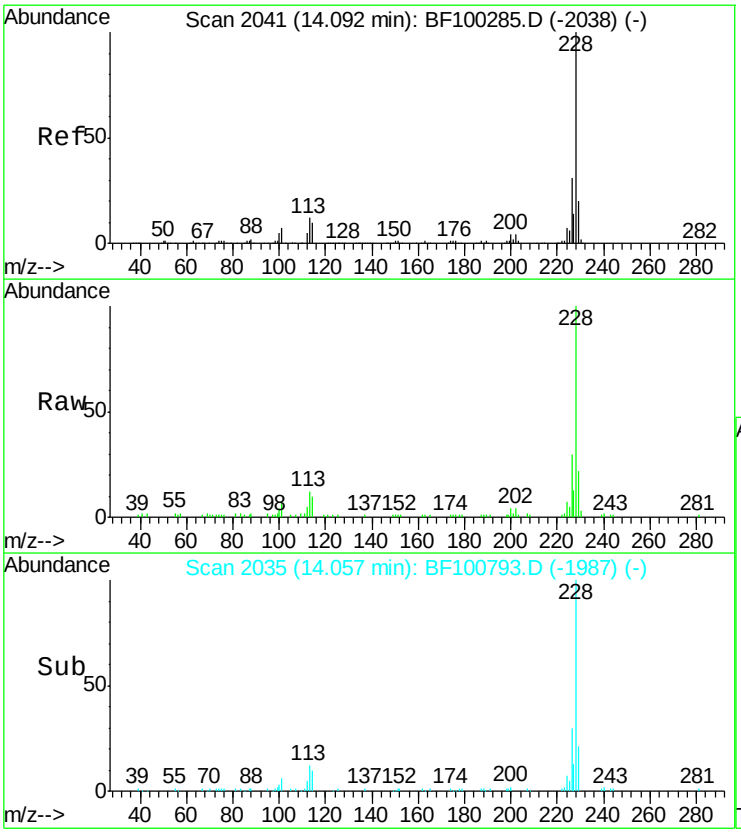
#80
Benzo(a)anthracene
Concen: 5.24 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49503

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.0	15.8	23.6

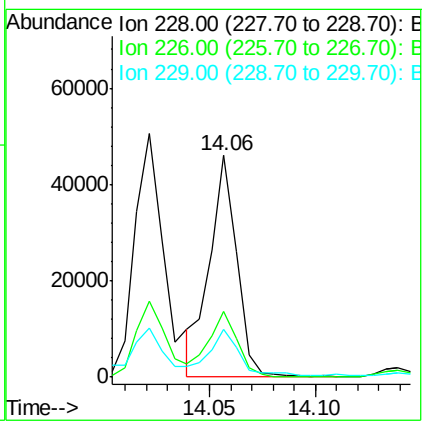


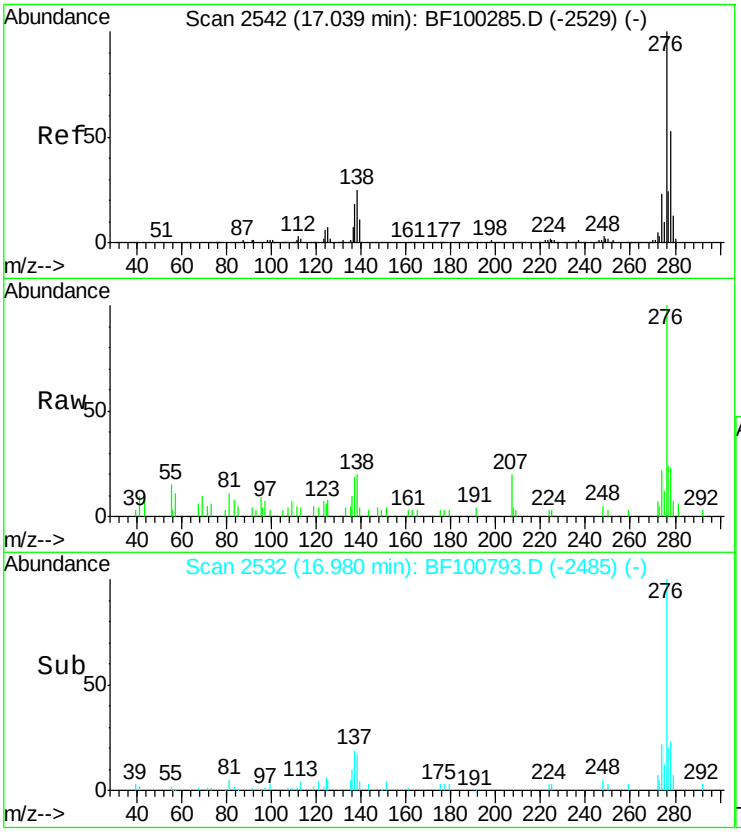


#82
Chrysene
Concen: 4.56 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:228 Resp: 41671

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.7	16.2	24.4



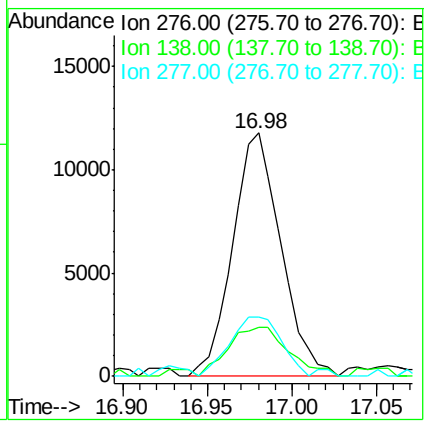


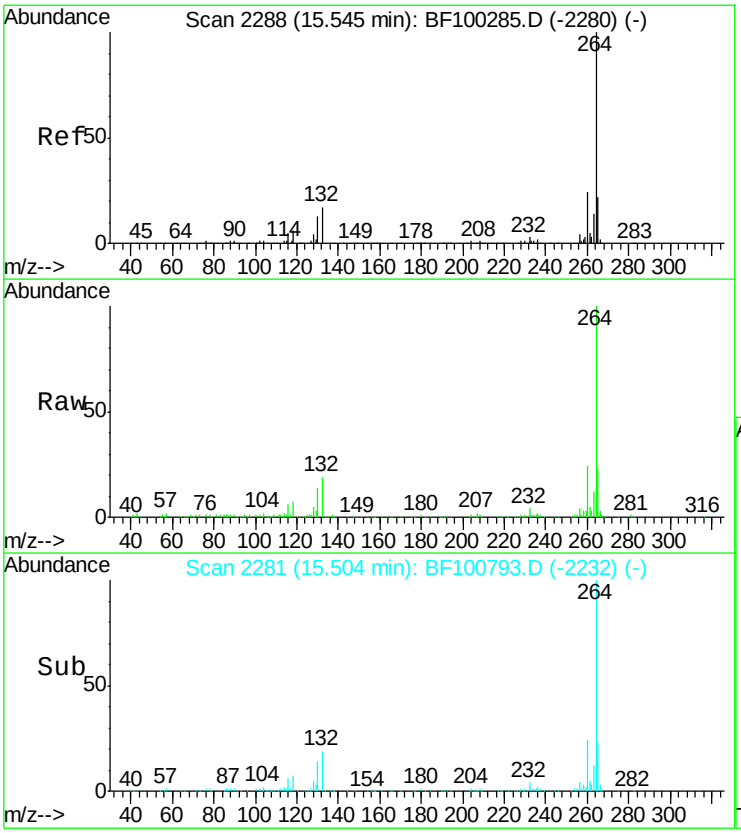
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23372

Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	26.0	20.1	30.1

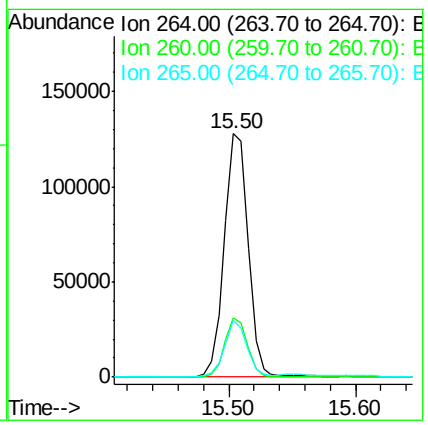


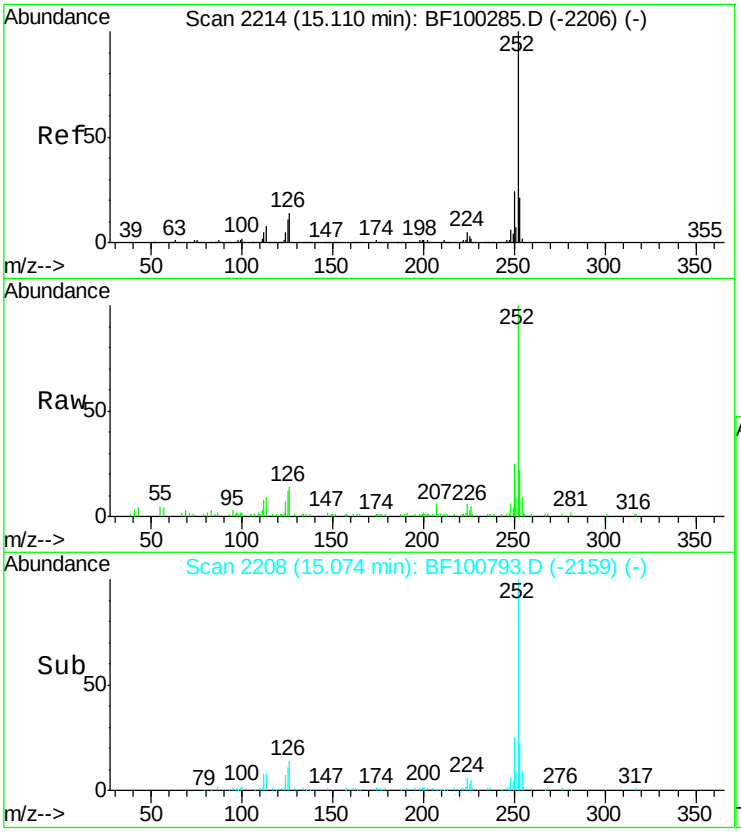


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:264 Resp: 167519

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.1	17.5	26.3



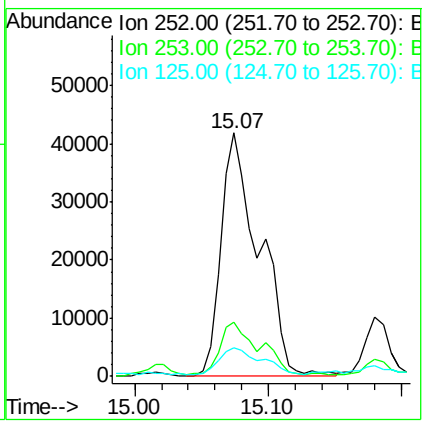


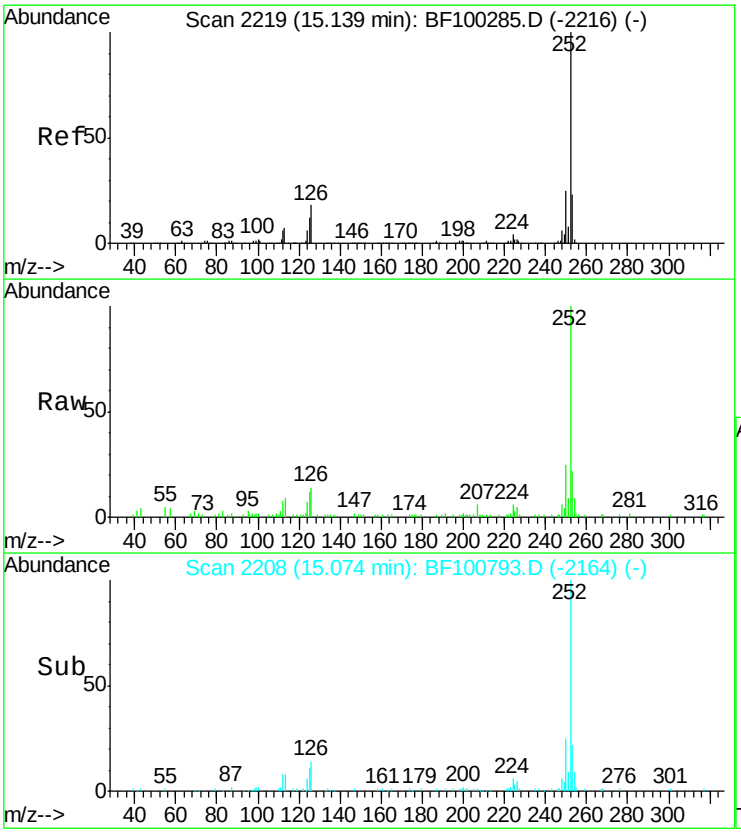
#87
Benzo(b)fluoranthene
Concen: 8.43 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83655

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.9	9.0	13.6

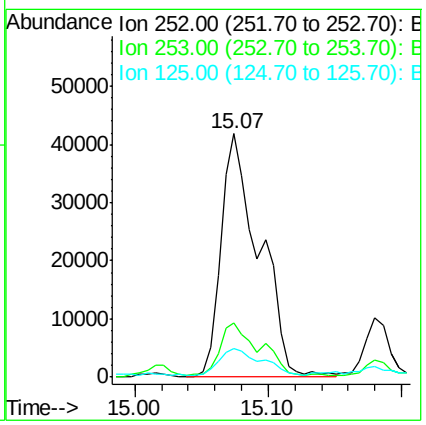


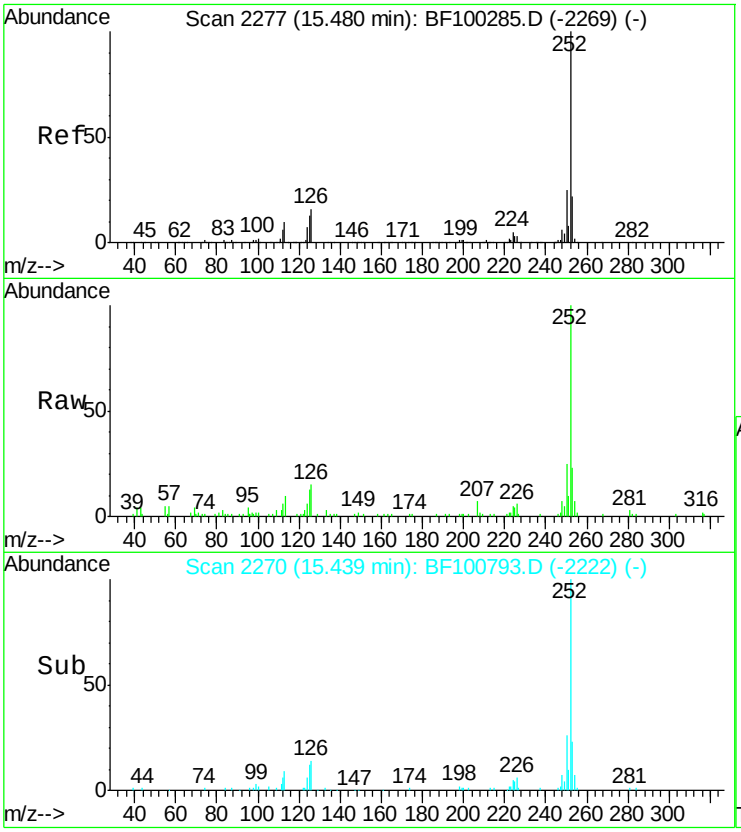


#88
Benzo(k)fluoranthene
Concen: 8.92 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:252 Resp: 83655

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.9	10.2	15.2



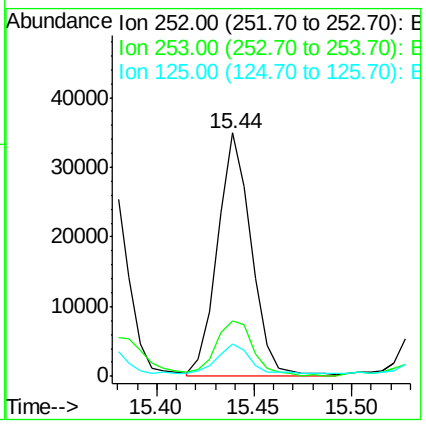


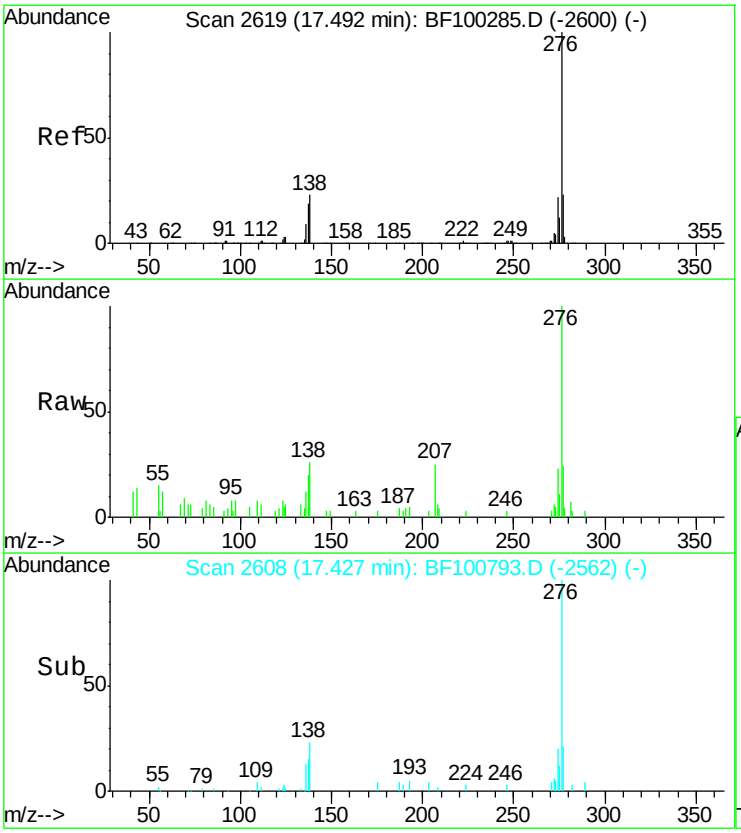
#89
Benzo(a)pyrene
Concen: 4.78 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42094

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	13.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.01 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.03 min
Lab File: BF100793.D
Acq: 21 Nov 2017 21:00

Tgt Ion:276 Resp: 21229

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	26.3	21.8	32.8