Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100787.D
Acq On : 21 Nov 2017 18:19
Operator : SJ/JU
Sample : I6499-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:13:33 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	81951	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	317737	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	140190	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	240534	20.00	ng		0.00
75) Chrysene-d12	14.04	240	161879	20.00	ng		0.00
86) Perylene-d12	15.52	264	187870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	566923	110.89	ng		0.00
7) Phenol-d6	6.50	99	678217	107.58	ng		0.00
23) Nitrobenzene-d5	7.43	82	423032	88.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	156405	109.49	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	760723	82.63	ng		-0.01
78) Terphenyl-d14	12.98	244	535781	76.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	39260	5.93	ng		81
19) n-Nitroso-di-n-propylamine	7.43	70	55515	12.70	ng	#	82
25) Isophorone	7.43	82	423024	41.89	ng	#	64
32) Benzoic acid	7.93	122	155	9.41	ng	#	1
47) 2-Nitroaniline	9.62	65	479	2.96	ng	#	1
48) Acenaphthylene	9.77	152	46180	3.17	ng		98
49) Dimethylphthalate	9.62	163	65495	6.12	ng		98
51) Acenaphthene	9.94	154	24247	2.73	ng		96
55) 4-Nitrophenol	10.11	139	6969	3.43	ng	#	9
56) 2,4-Dinitrotoluene	9.91	165	19396	7.26	ng	#	21
57) Fluorene	10.45	166	24496	2.69	ng		99
64) 4,6-Dinitro-2-methylphenol	10.69	198	112	8.65	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	10292	3.99	ng	#	1
70) Phenanthrene	11.42	178	470016	37.11	ng		99
71) Anthracene	11.47	178	104377	8.12	ng		98
72) Carbazole	11.62	167	40657	3.43	ng		98
74) Fluoranthene	12.62	202	685818	51.10	ng		96
77) Pyrene	12.84	202	625203	54.18	ng		99
80) Benzo(a)anthracene	14.03	228	348769	35.78	ng		97
82) Chrysene	14.06	228	320906	33.99	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	12996	2.10	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	227155	29.75	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	666739	59.90	ng		97
88) Benzo(k)fluoranthene	15.09	252	666739	63.40	ng		99
89) Benzo(a)pyrene	15.45	252	350680	35.54	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	58691	7.27	ng		97
91) Benzo(g,h,i)perylene	17.44	276	202522	25.64	ng	#	93

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

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Data File : BF100787.D
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Misc :
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Instrument :
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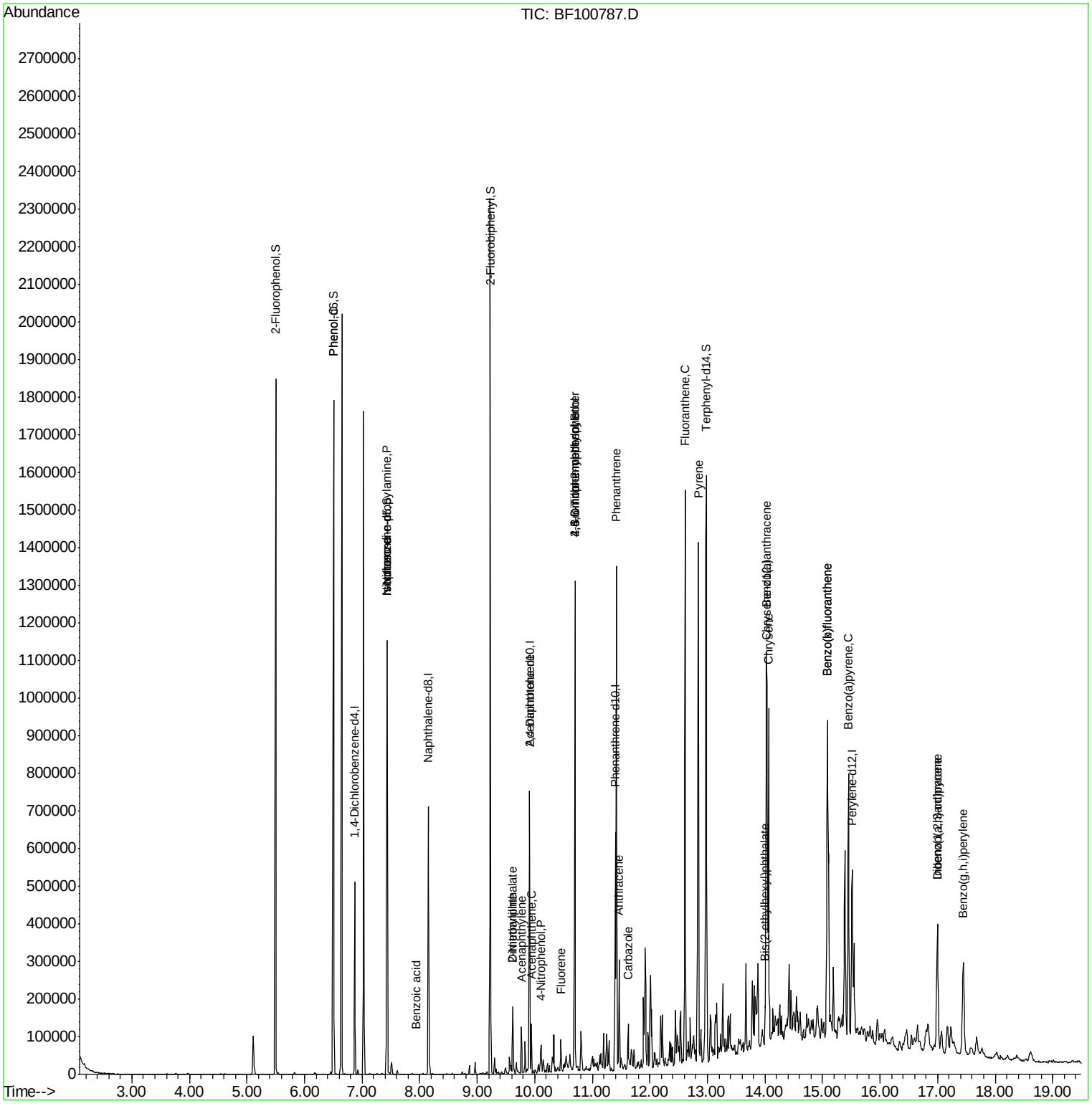
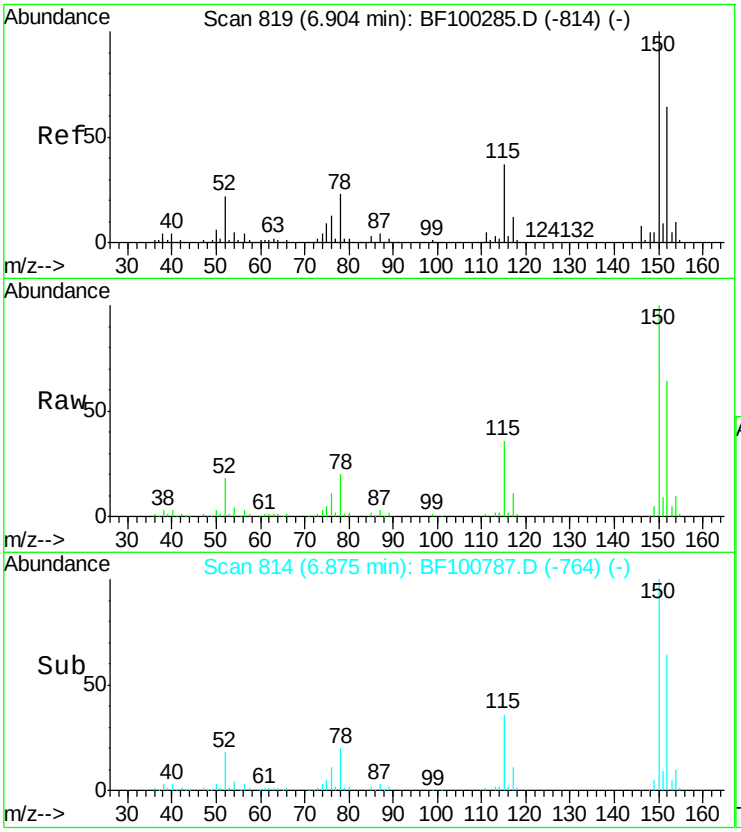


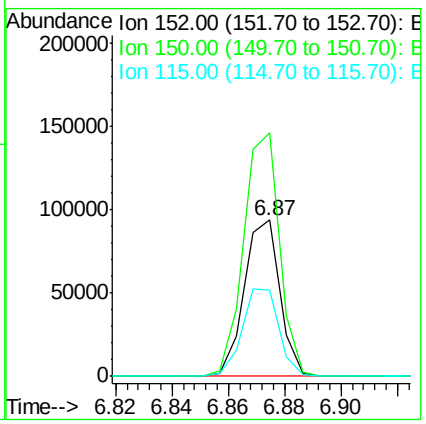


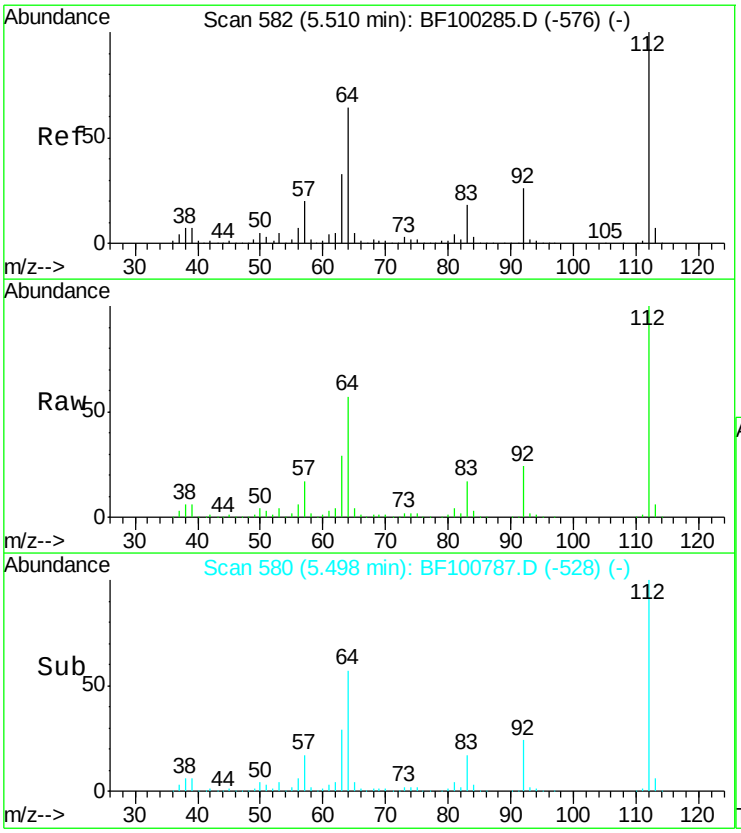
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 81951

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	55.3	50.1	75.1

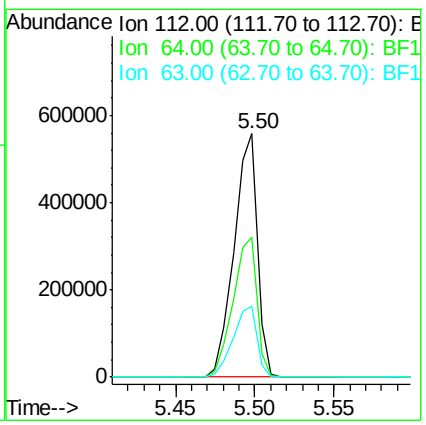


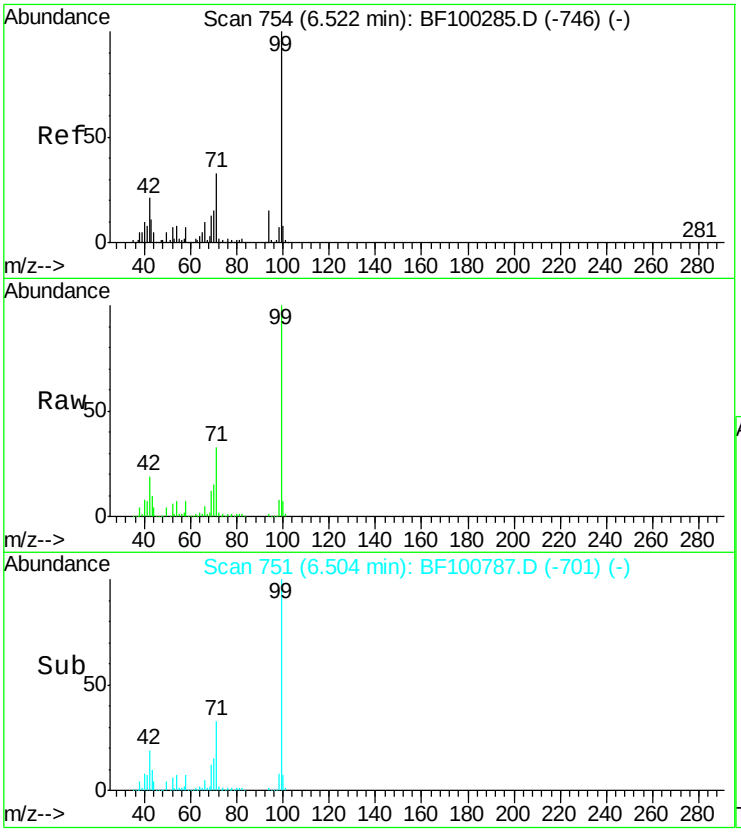


#5
2-Fluorophenol
Concen: 110.89 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:112 Resp: 566923

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.2	23.7	35.5



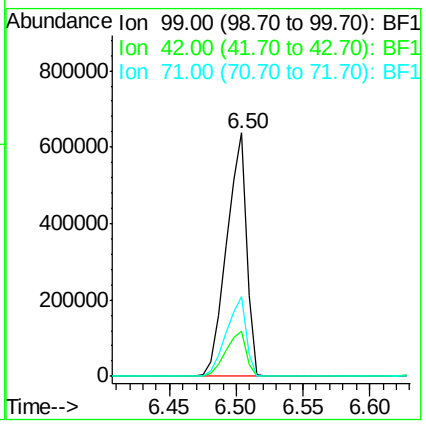


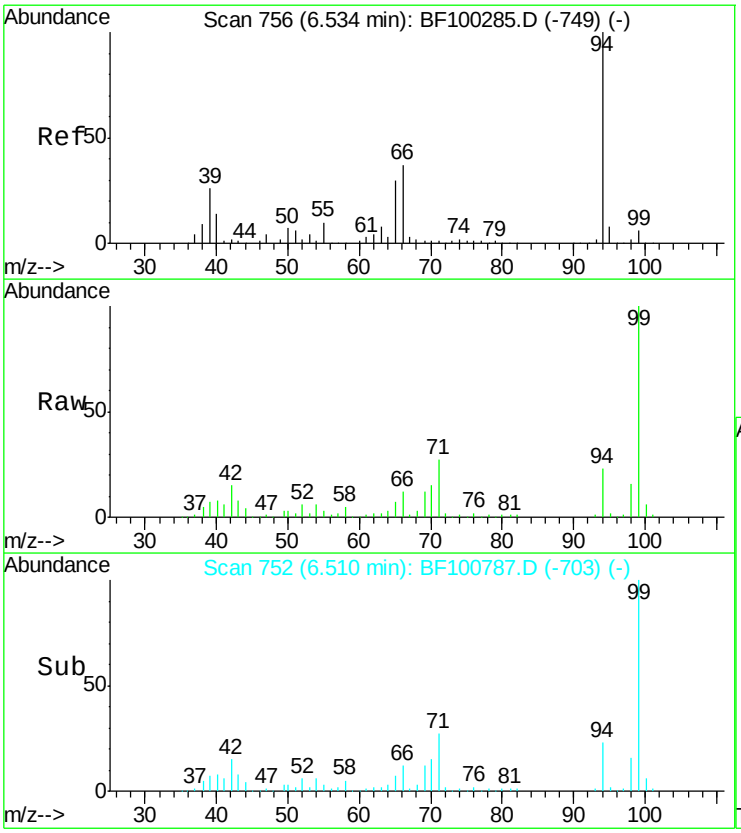
#7
Phenol-d6
Concen: 107.58 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 678217

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	32.7	25.4	38.0

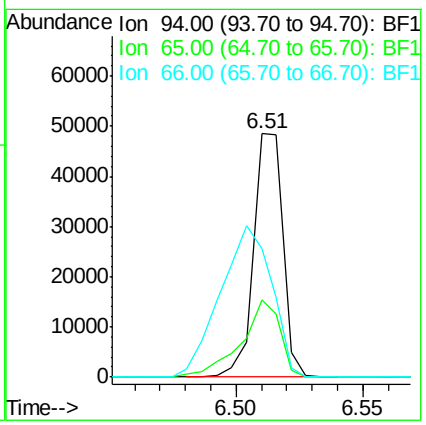


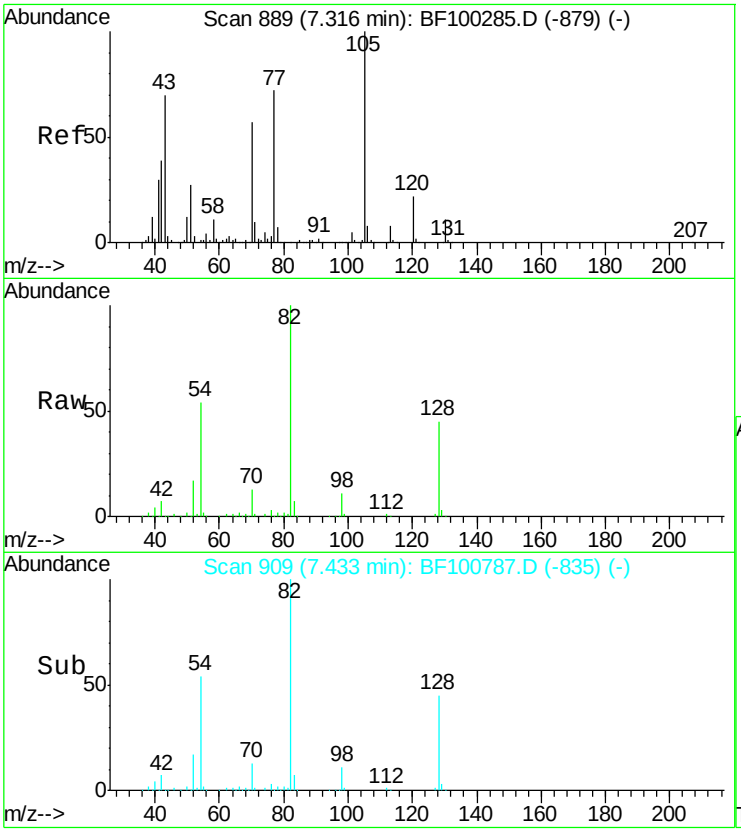


#10
Phenol
Concen: 5.93 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion: 94 Resp: 39260

Ion	Ratio	Lower	Upper
94	100		
65	31.9	7.9	47.9
66	52.6	16.2	56.2



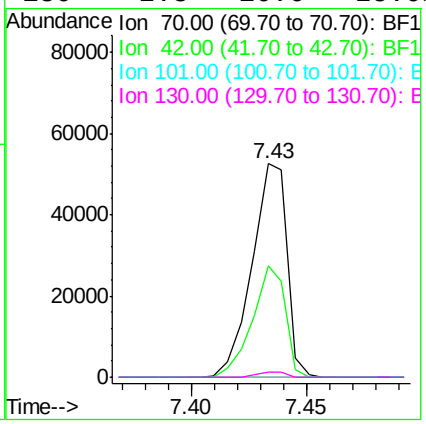


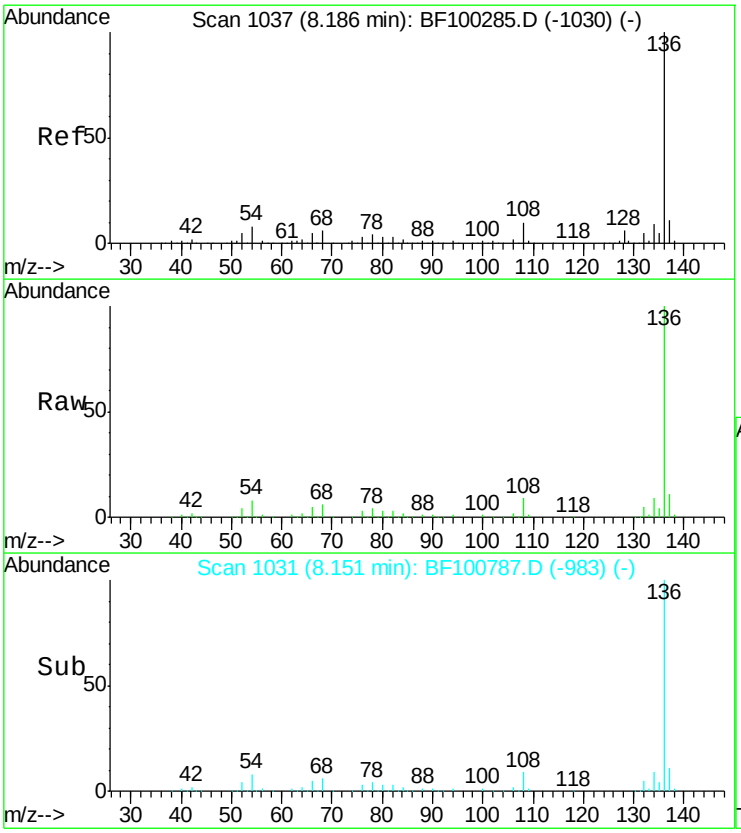
#19
n-Nitroso-di-n-propylamine
Concen: 12.70 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 55515

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

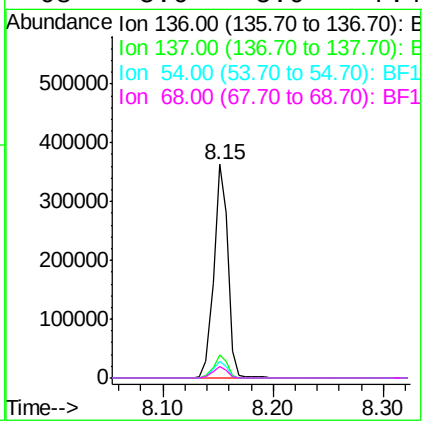


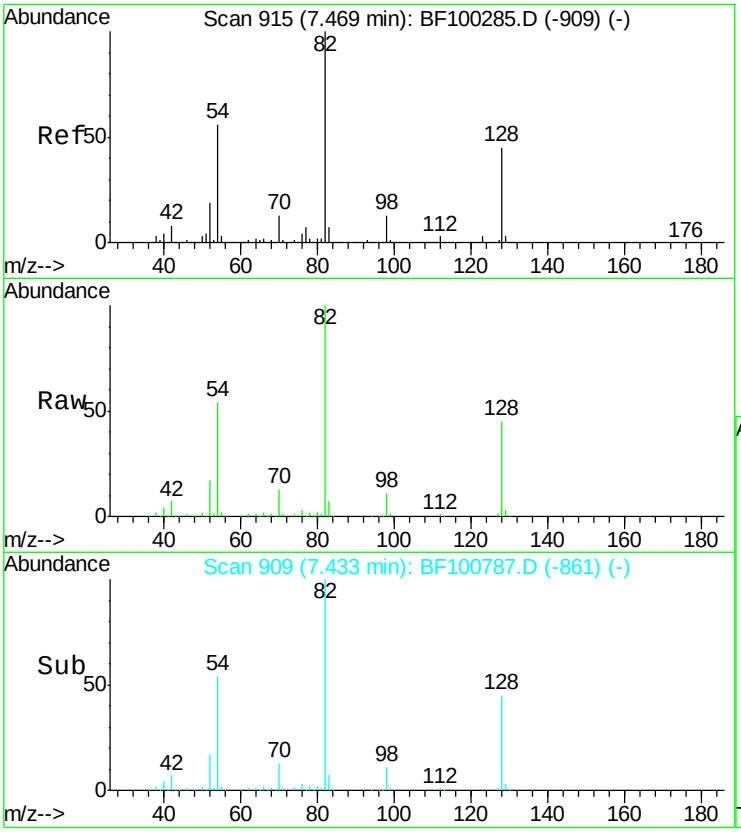


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:136 Resp: 317737

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4



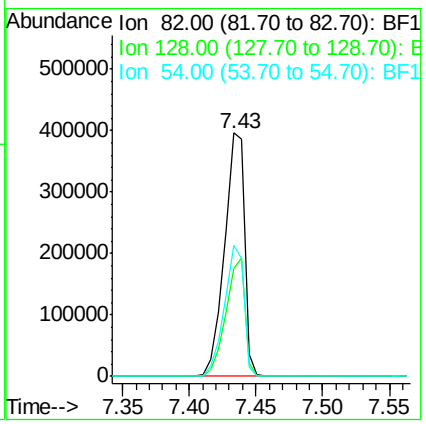


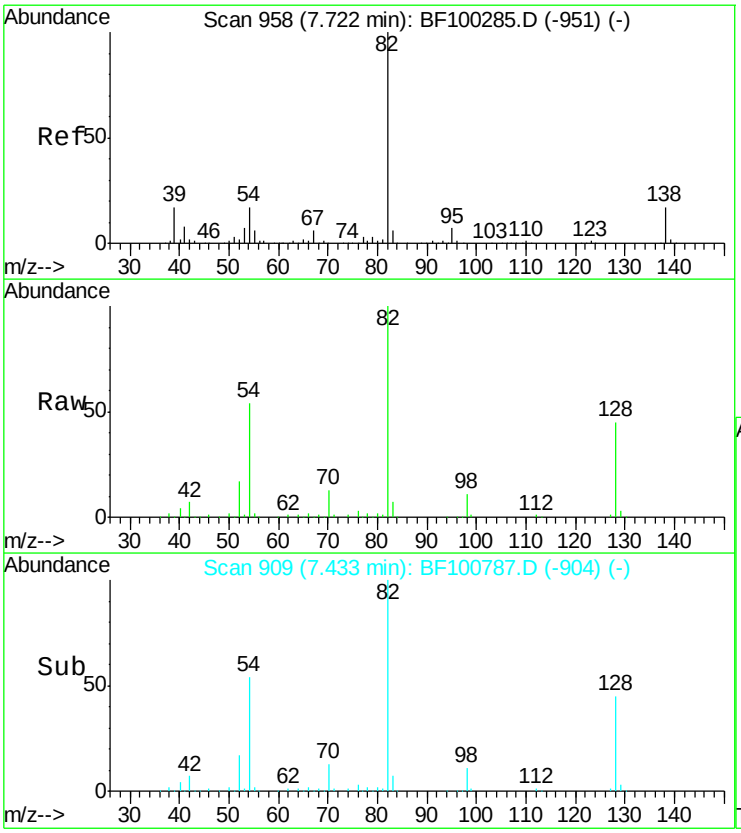
#23
Nitrobenzene-d5
Concen: 88.02 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 423032

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.0	41.4	62.2

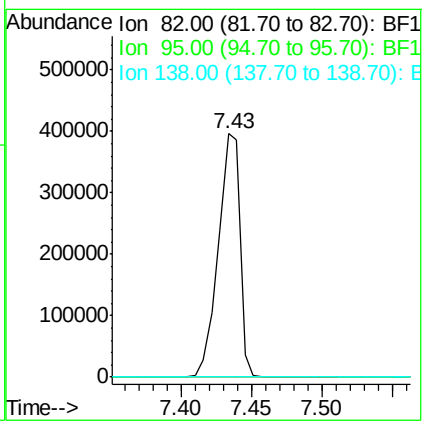


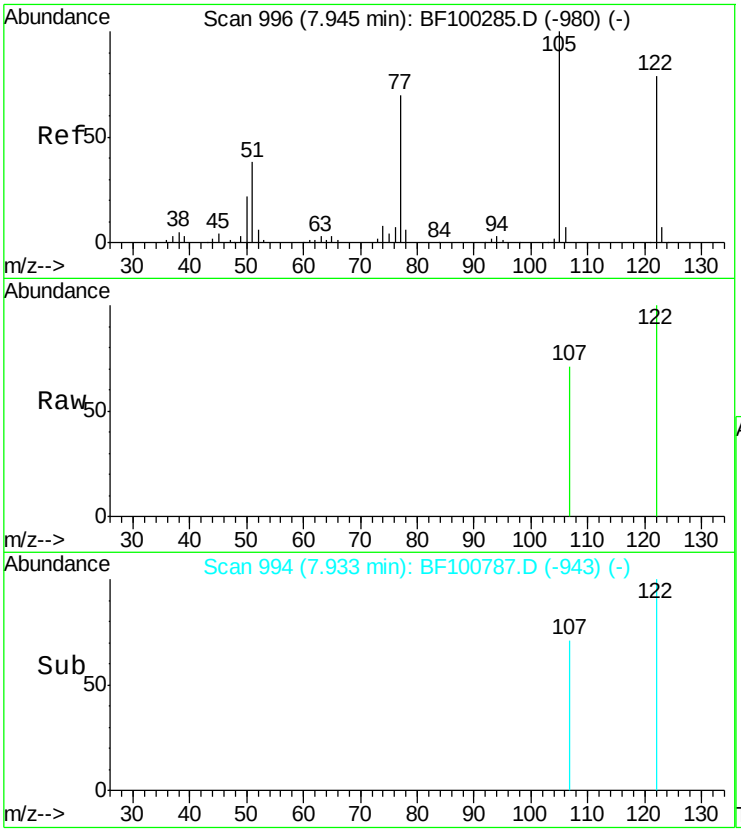


#25
Isophorone
Concen: 41.89 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion: 82 Resp: 423024

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



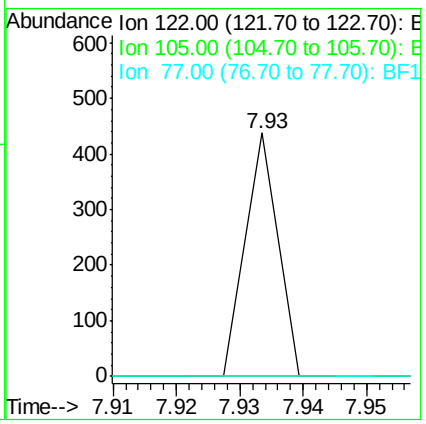


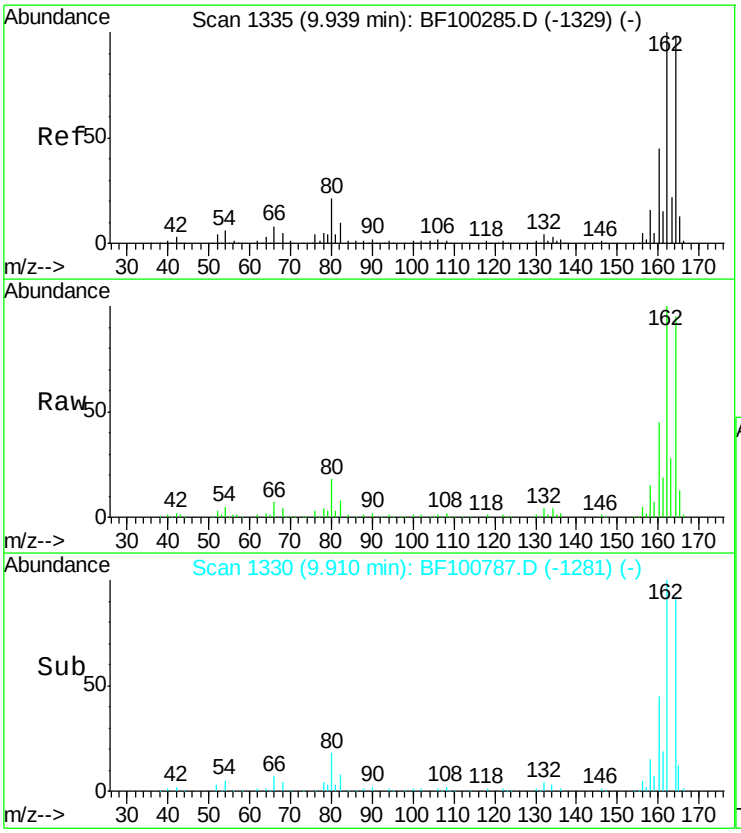
#32
Benzoic acid
Concen: 9.41 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 155

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

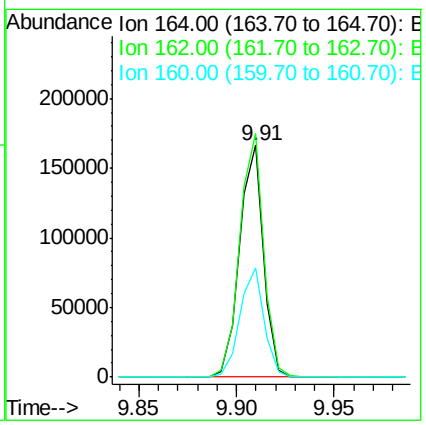


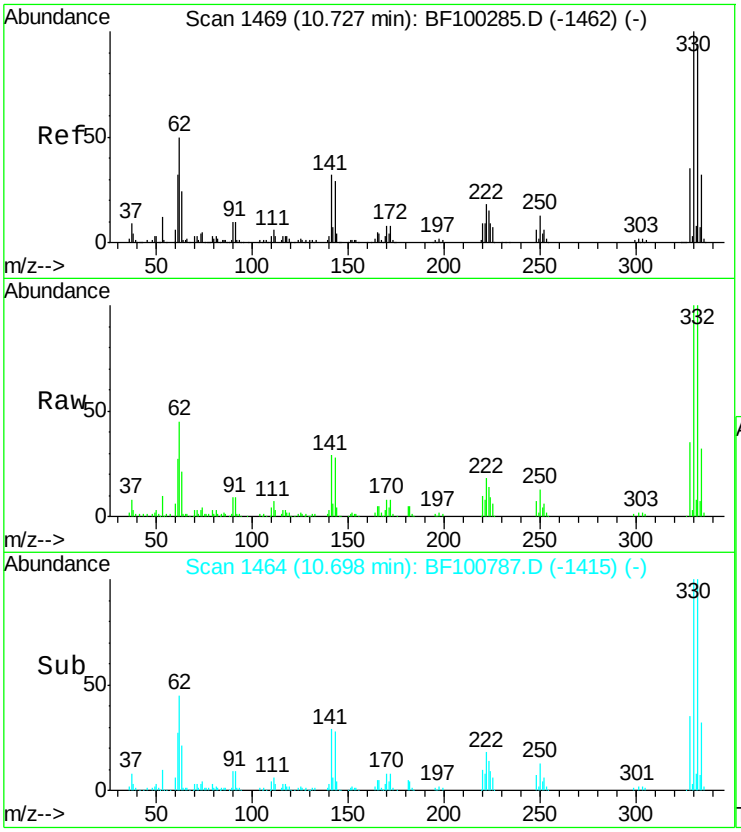


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:164 Resp: 140190

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.1	38.3	57.5



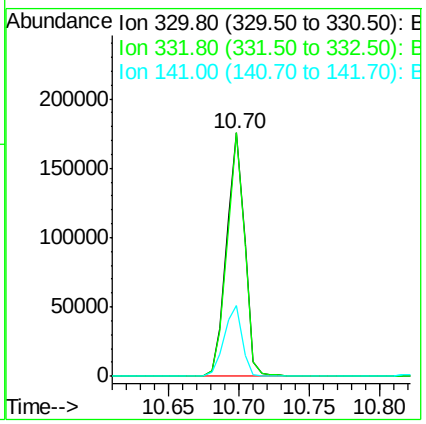


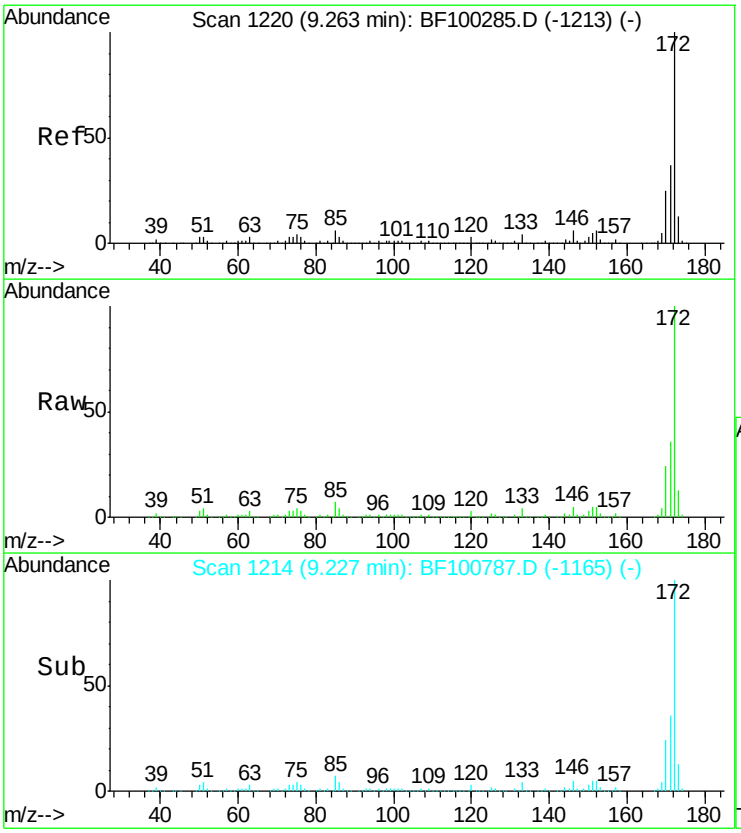
#41
2,4,6-Tribromophenol
Concen: 109.49 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 156405

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.5	29.9	44.9#

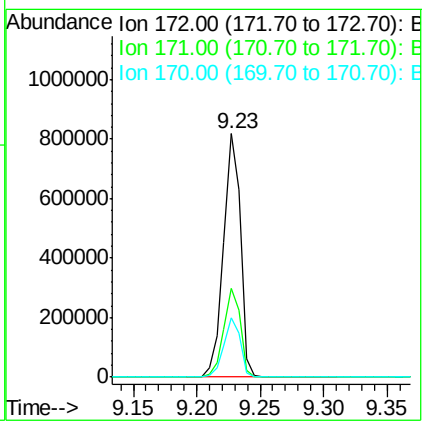


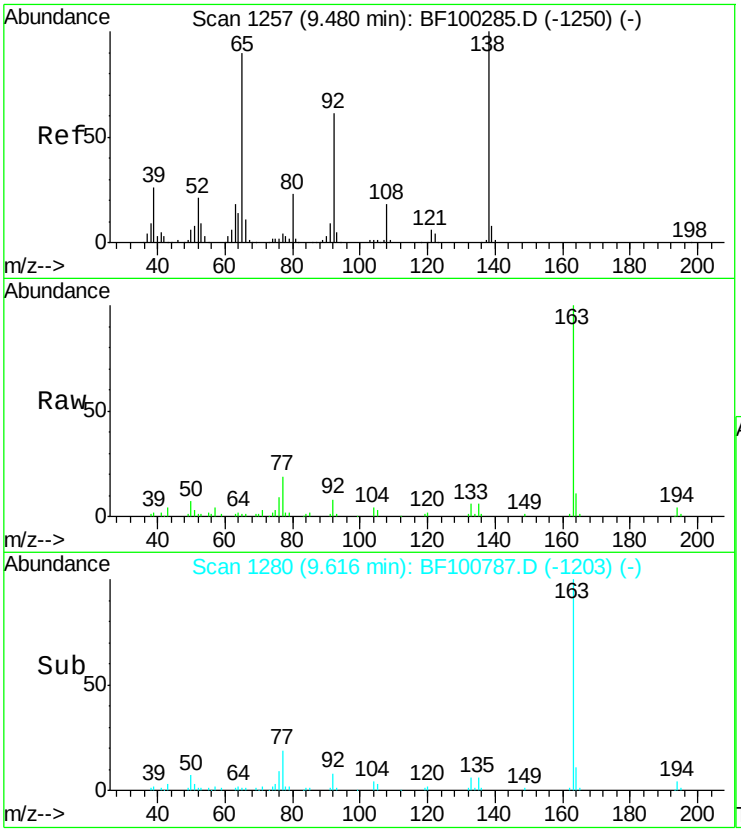


#44
2-Fluorobiphenyl
Concen: 82.63 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:172 Resp: 760723

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



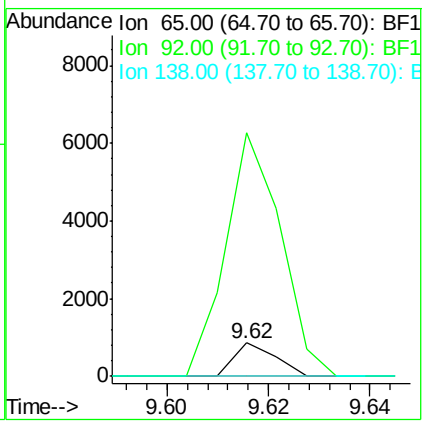


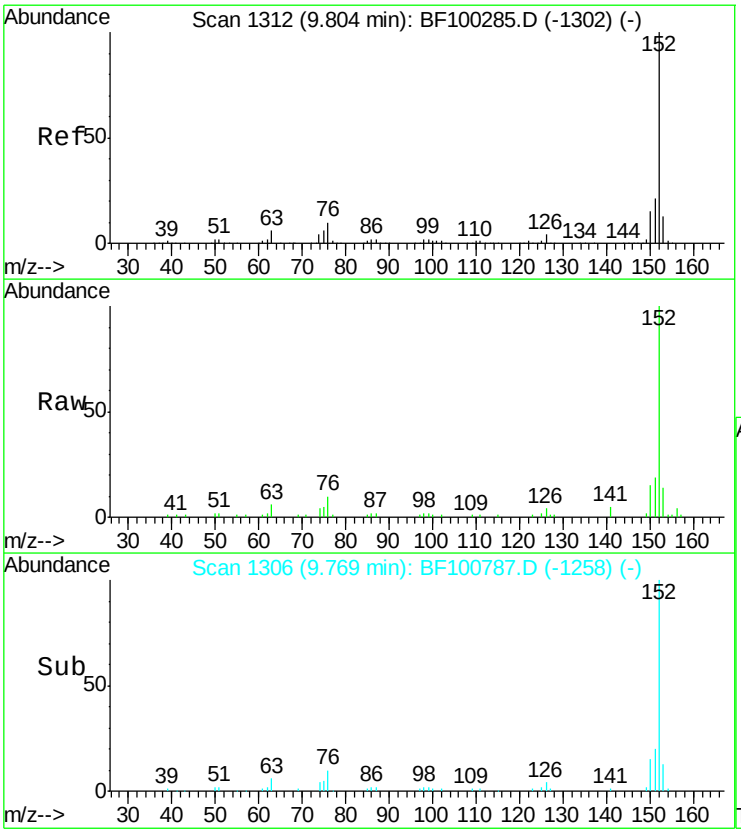
#47
2-Nitroaniline
Concen: 2.96 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 479

Ion	Ratio	Lower	Upper
65	100		
92	726.2	55.8	83.6#
138	0.0	91.2	136.8#

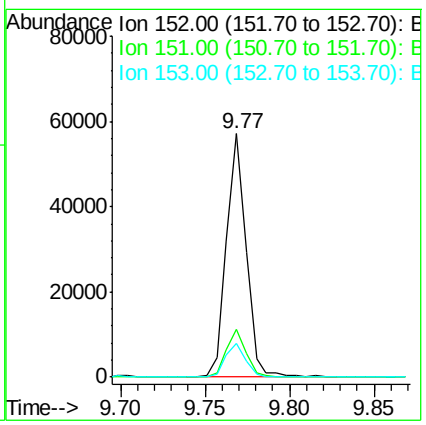


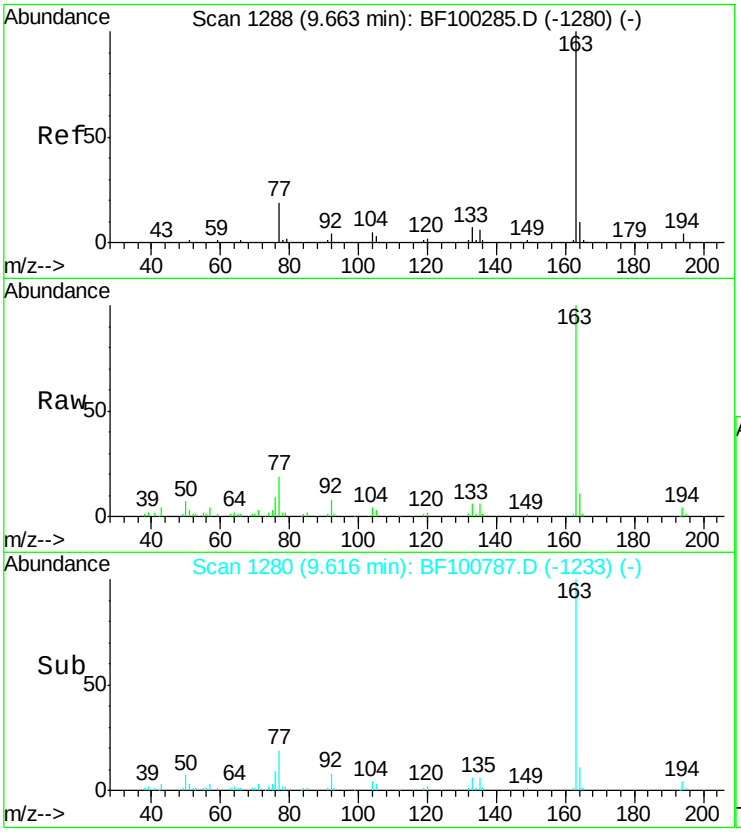


#48
Acenaphthylene
Concen: 3.17 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:152 Resp: 46180

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.7	10.7	16.1

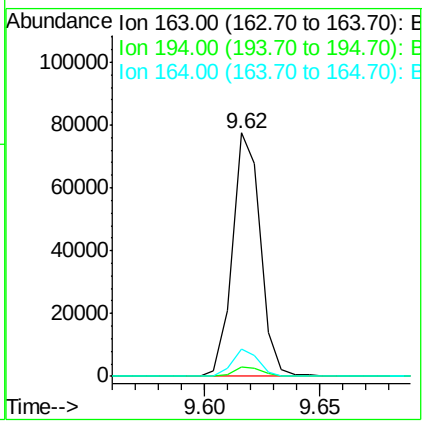




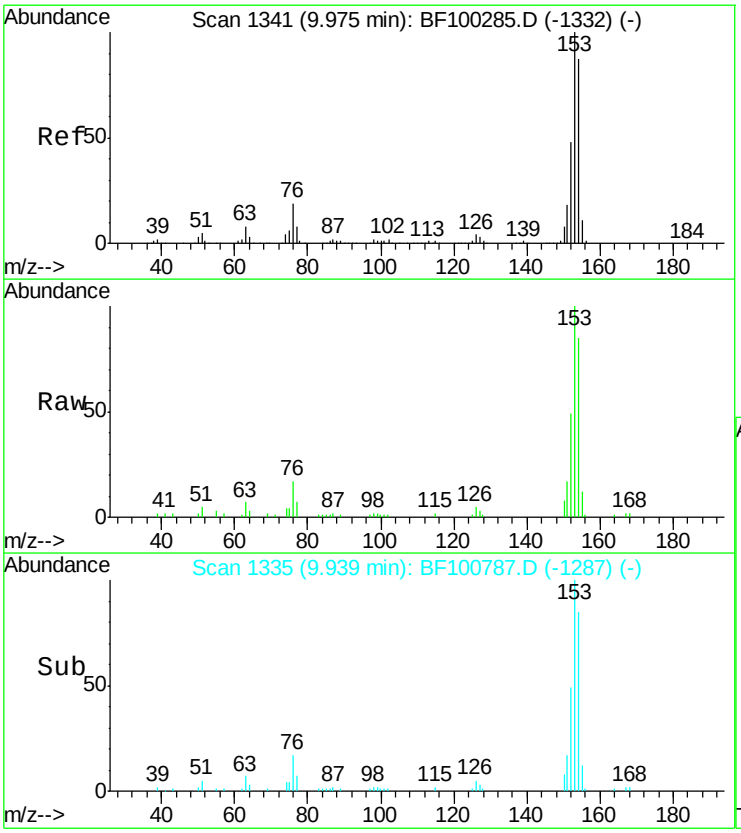
#49
Dimethylphthalate
Concen: 6.12 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:163 Resp: 65495

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.2	8.2	12.2



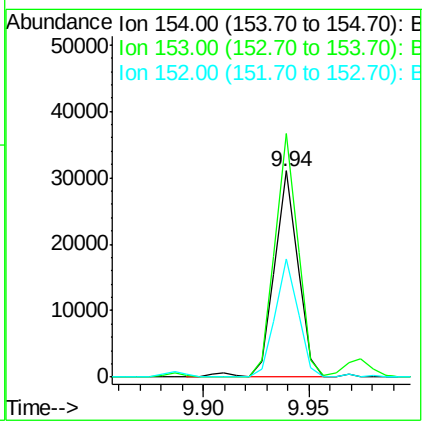
Instrument :
BNA_F
ClientSampleId :

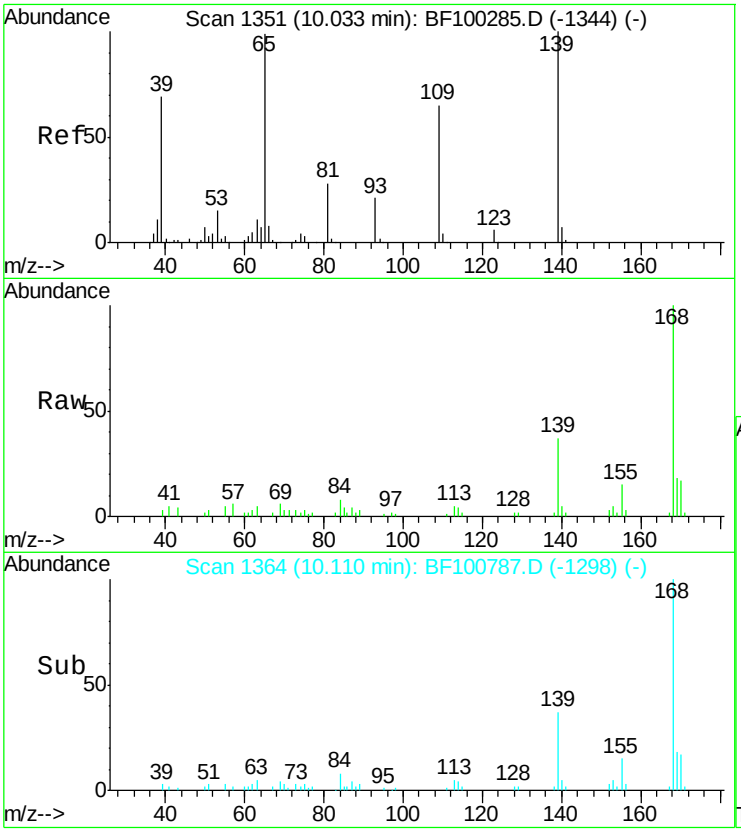


#51
Acenaphthene
Concen: 2.73 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:154 Resp: 24247

Ion	Ratio	Lower	Upper
154	100		
153	118.0	91.2	136.8
152	57.4	43.8	65.8



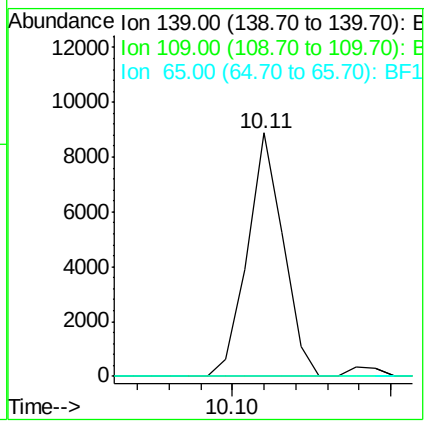


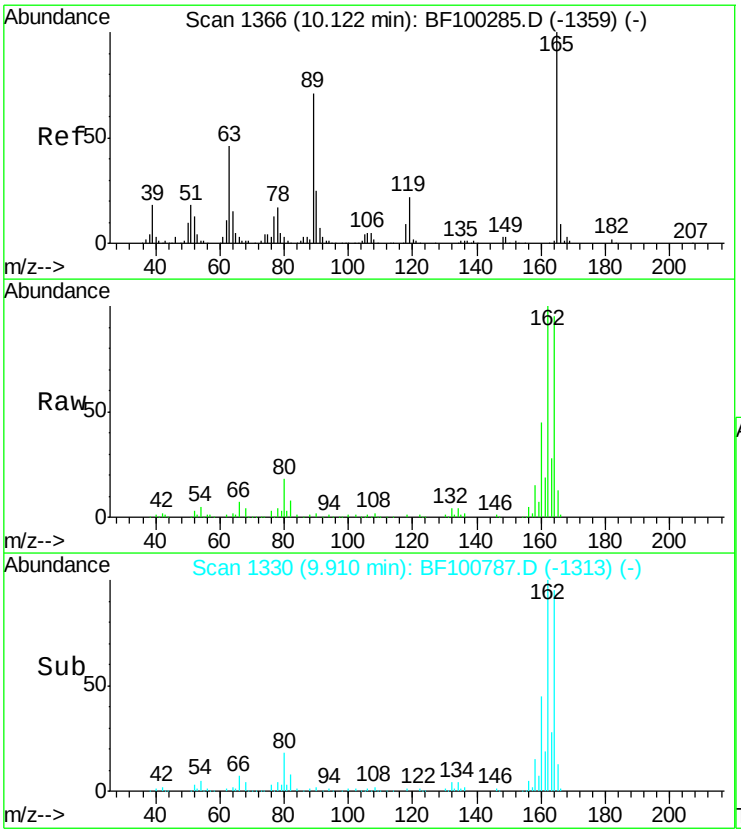
#55
4-Nitrophenol
Concen: 3.43 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 6969

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

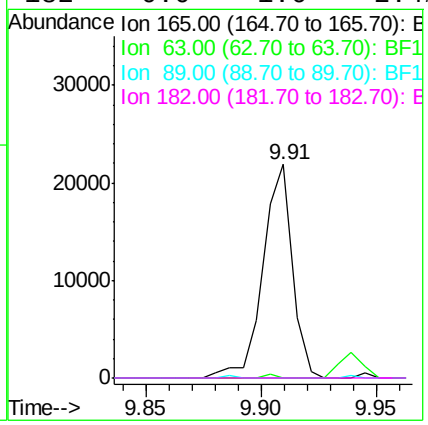


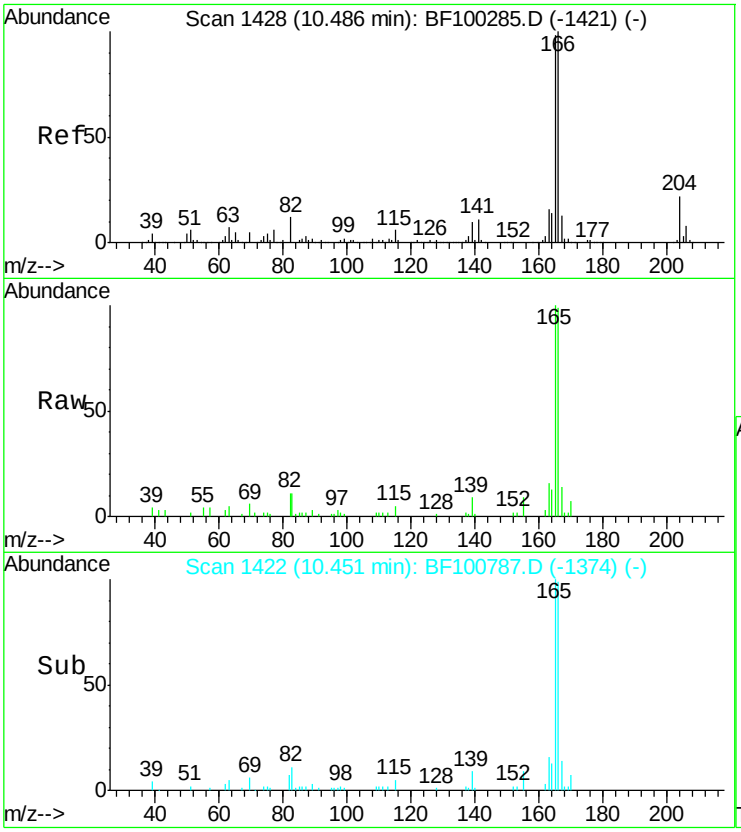


#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:165 Resp: 19396

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#



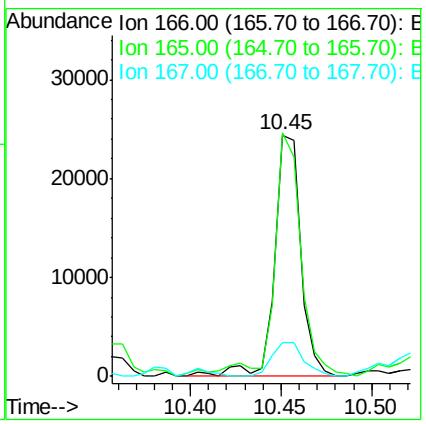


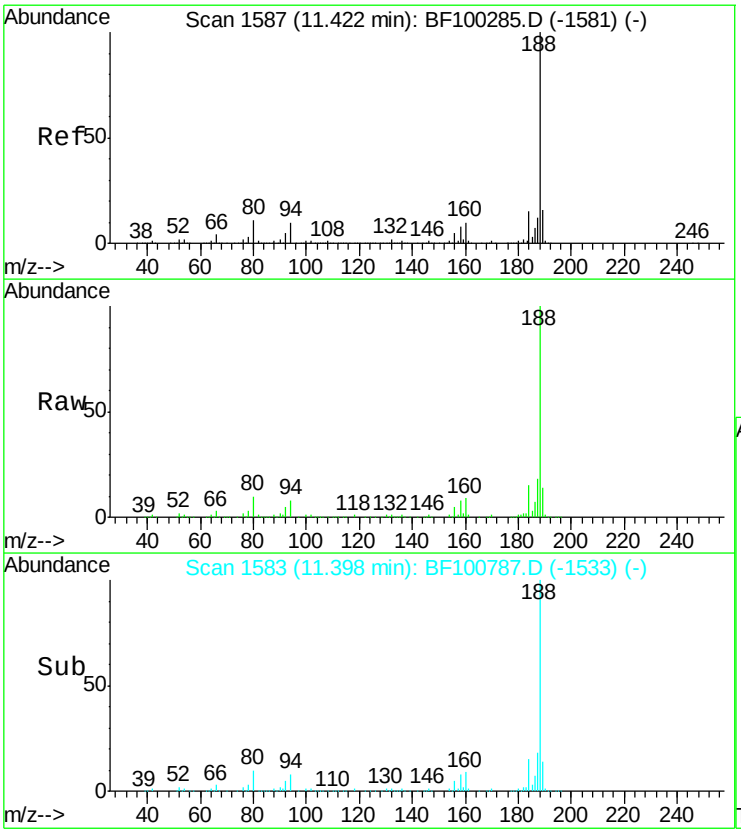
#57
Fluorene
Concen: 2.69 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 24496

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.8	10.6	16.0

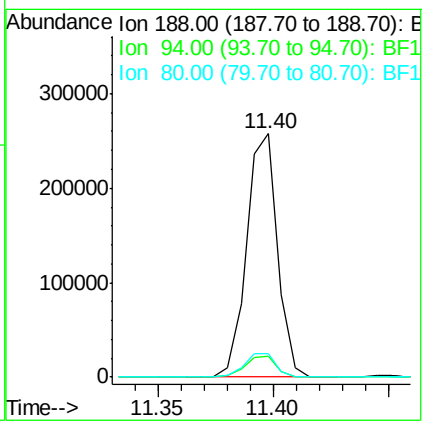


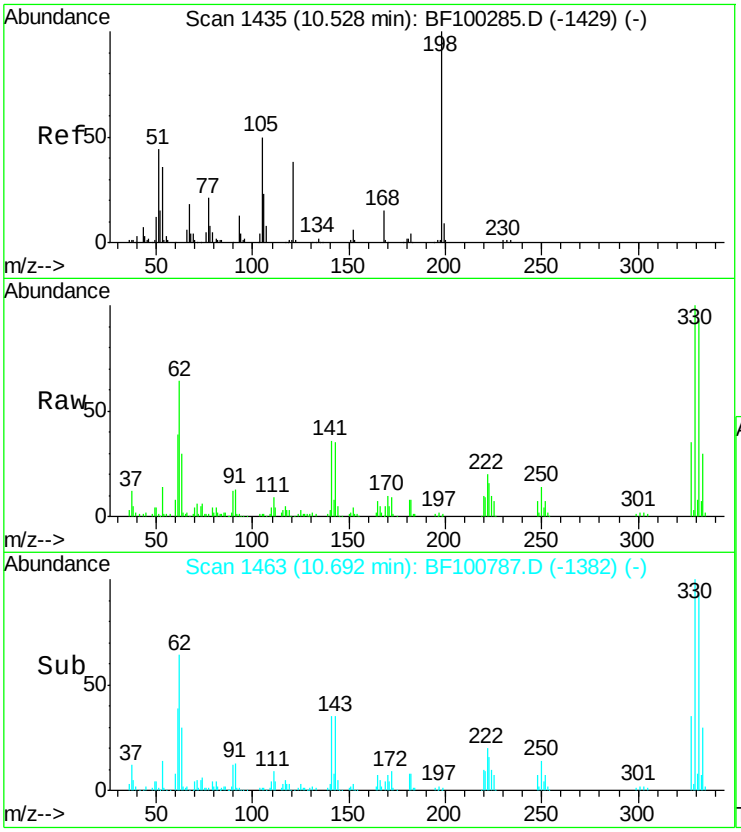


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:188 Resp: 240534

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.7	9.2	13.8



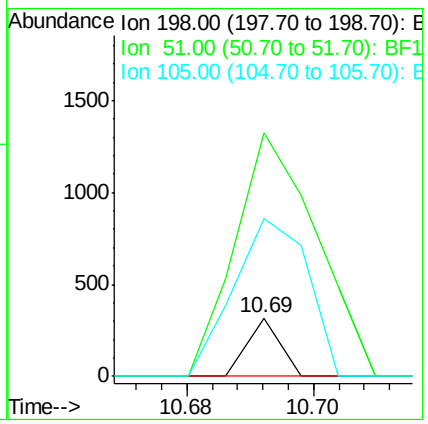


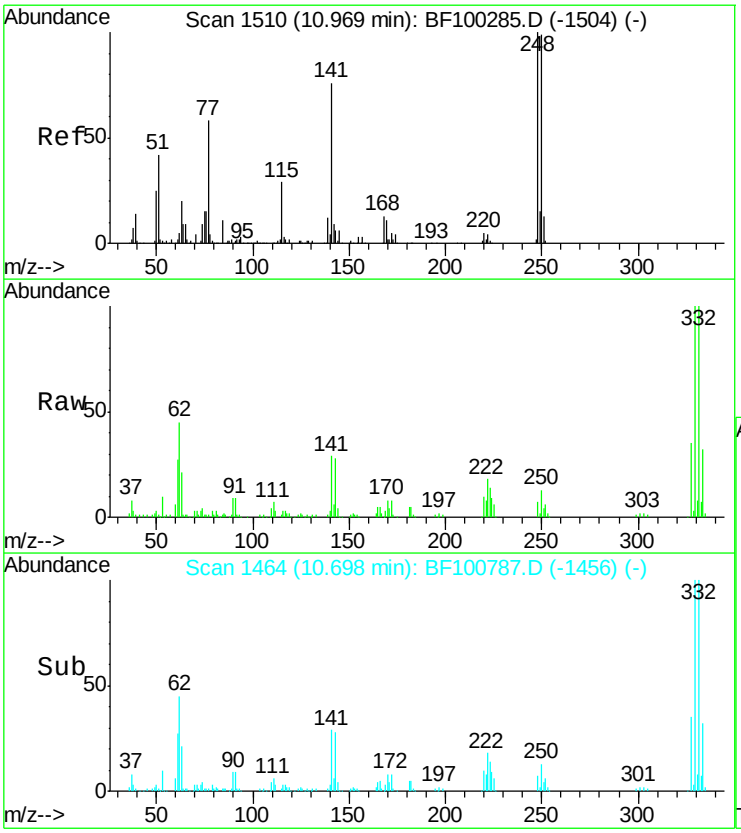
#64
4,6-Dinitro-2-methylphenol
Concen: 8.65 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.18 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	418.0	37.7	77.7#
105	270.7	36.3	76.3#

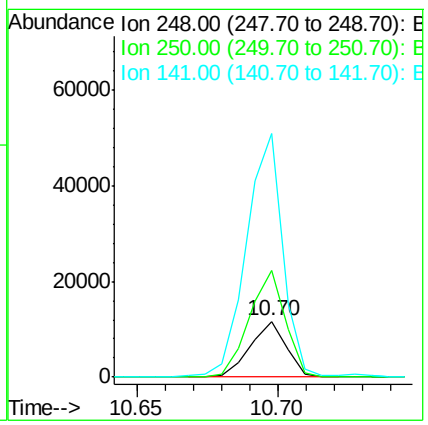


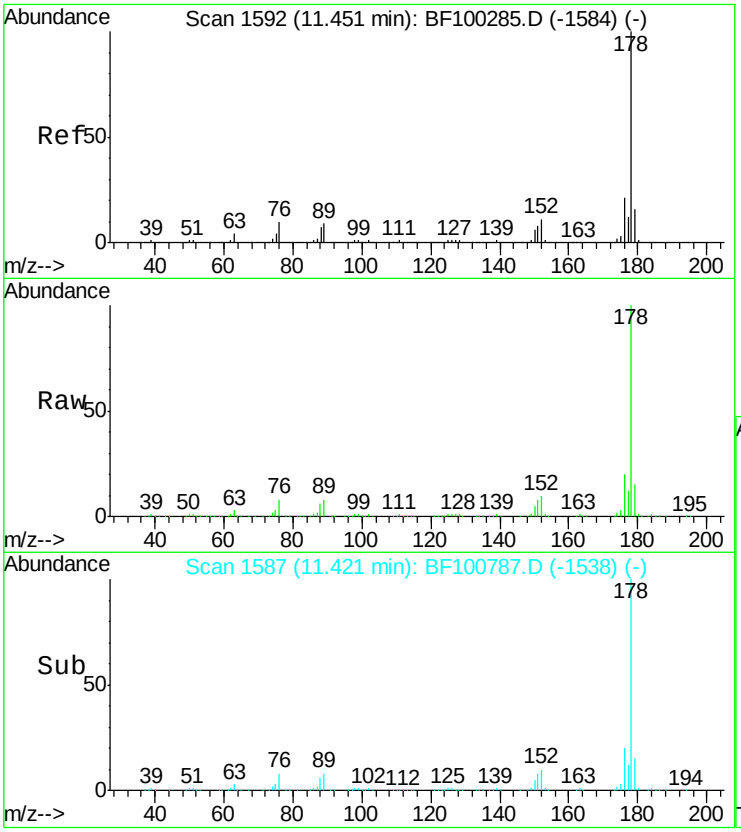


#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:248 Resp: 10292

Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.9	115.3#
141	436.0	74.4	111.6#



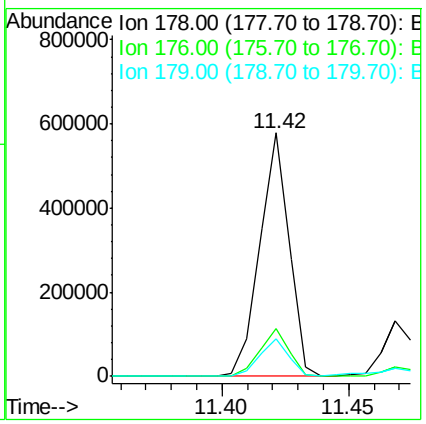


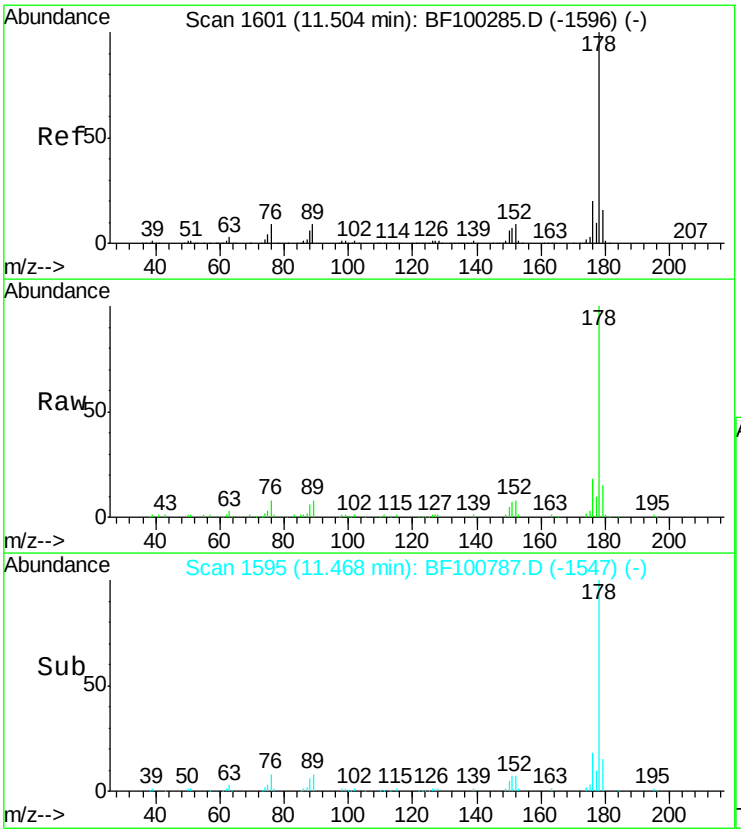
#70
Phenanthrene
Concen: 37.11 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 470016

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6

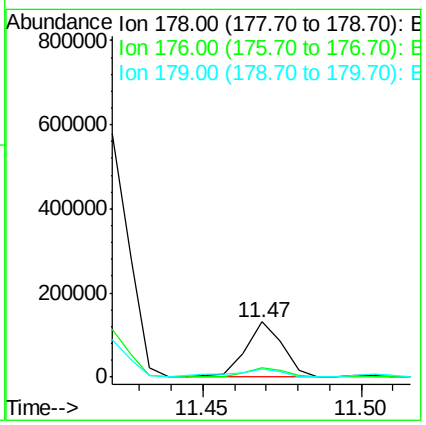


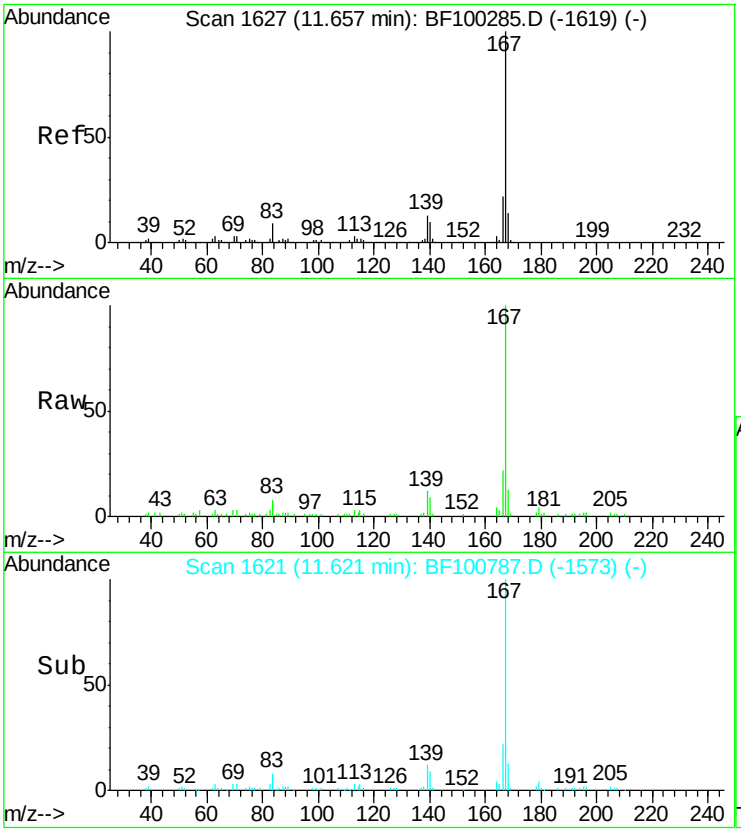


#71
Anthracene
Concen: 8.12 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:178 Resp: 104377

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.4	12.6	19.0



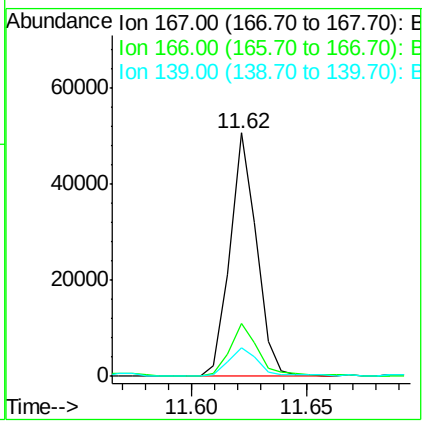


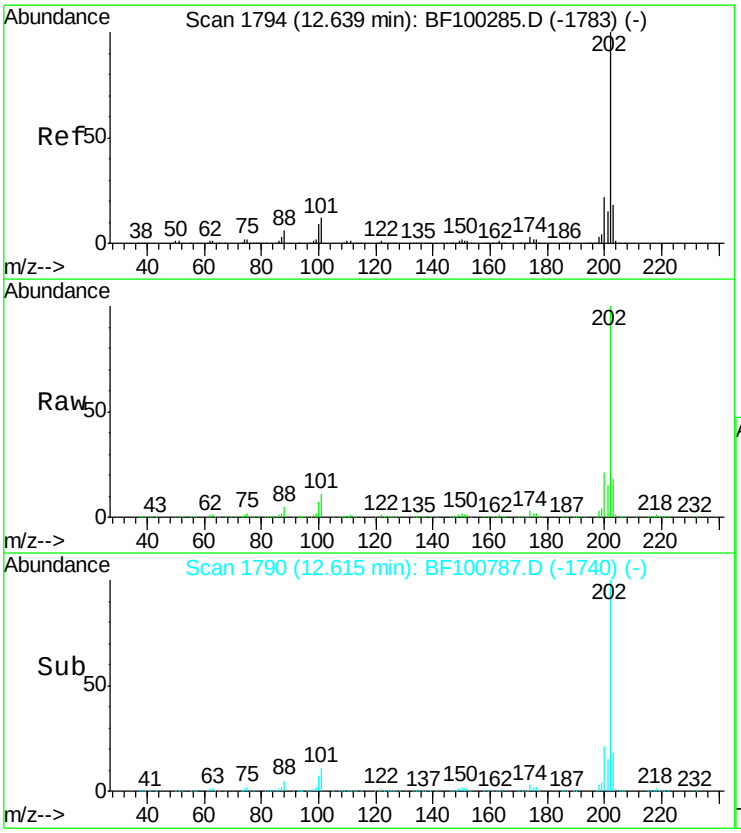
#72
Carbazole
Concen: 3.43 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 40657

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.7	10.9	16.3

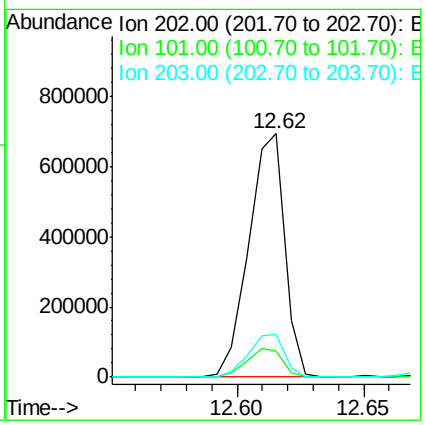


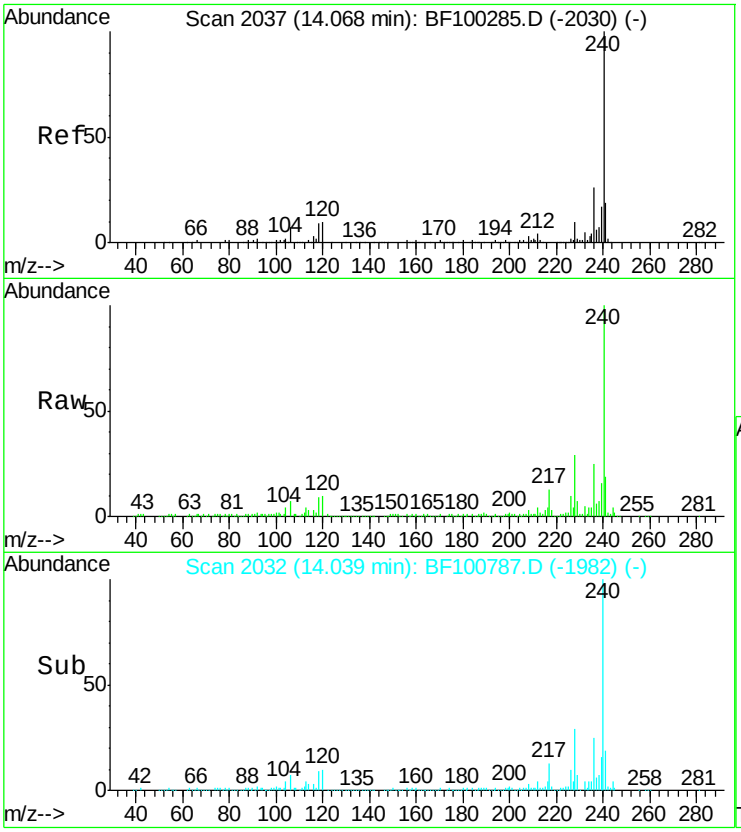


#74
Fluoranthene
Concen: 51.10 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:202 Resp: 685818

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.8	0.0	38.1



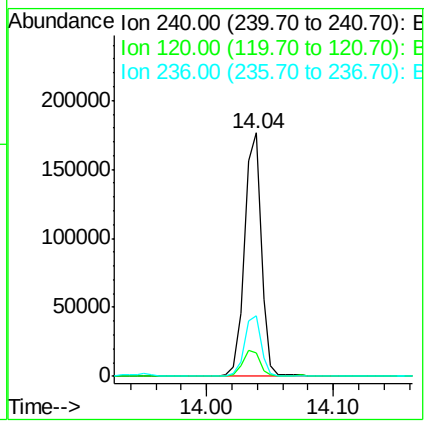


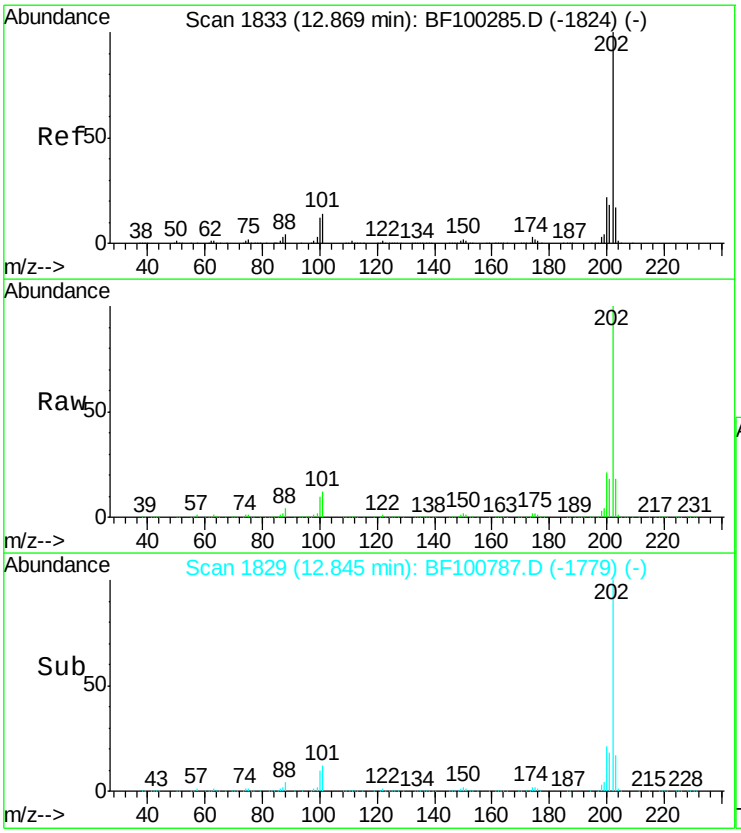
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 161879

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.8	20.7	31.1

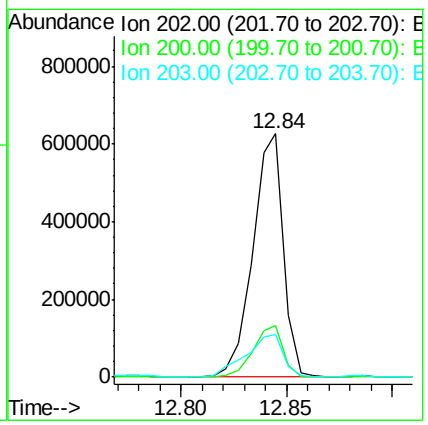


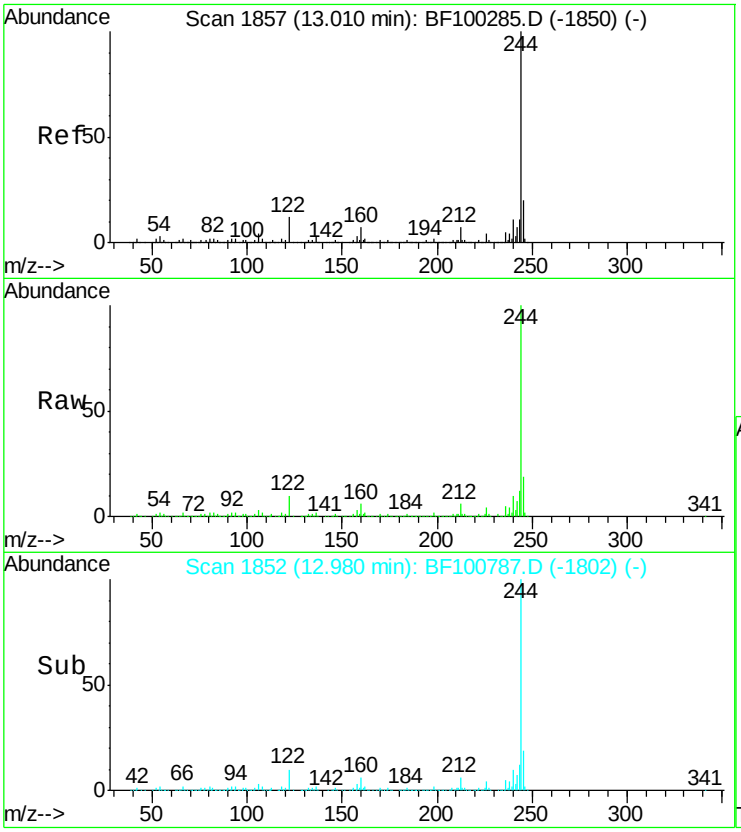


#77
Pyrene
Concen: 54.18 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:202 Resp: 625203

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5



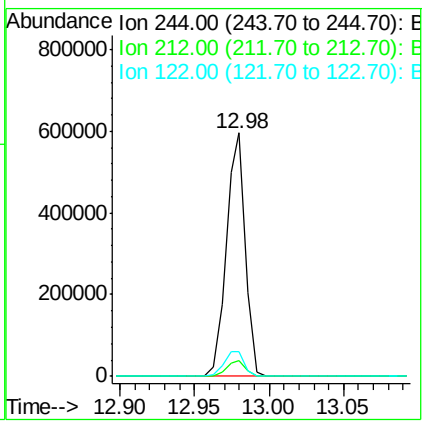


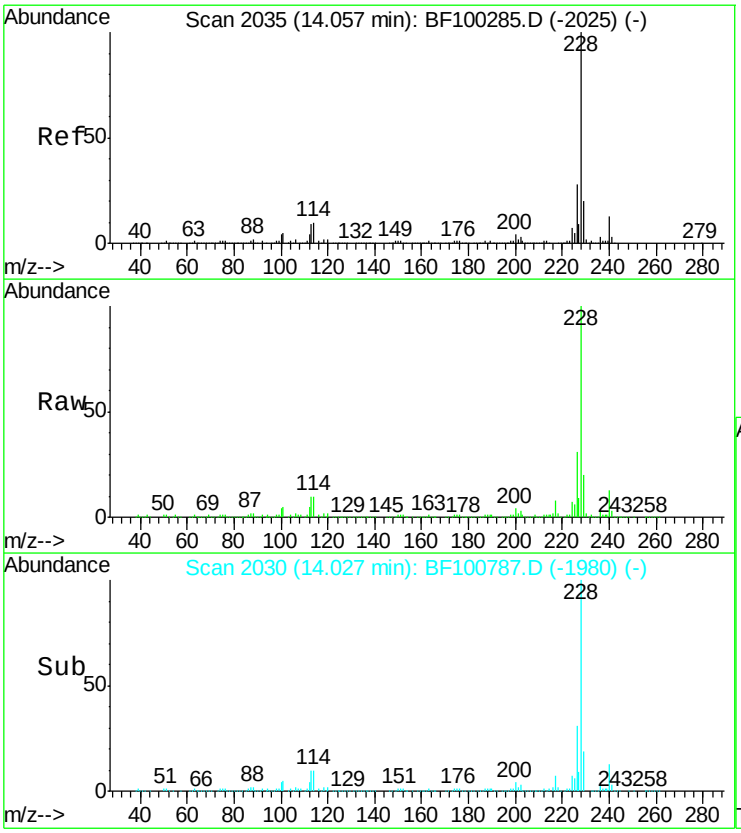
#78
Terphenyl-d14
Concen: 76.05 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 535781

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.0	11.0	16.4#

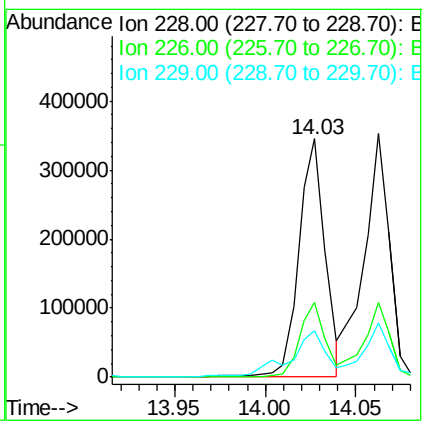


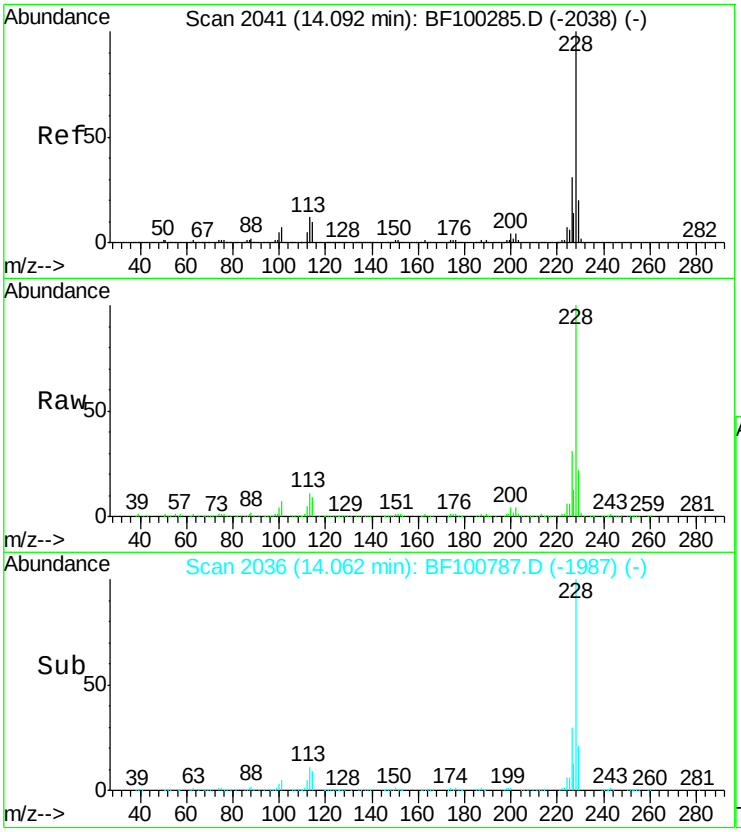


#80
Benzo(a)anthracene
Concen: 35.78 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:228 Resp: 348769

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	19.8	15.8	23.6



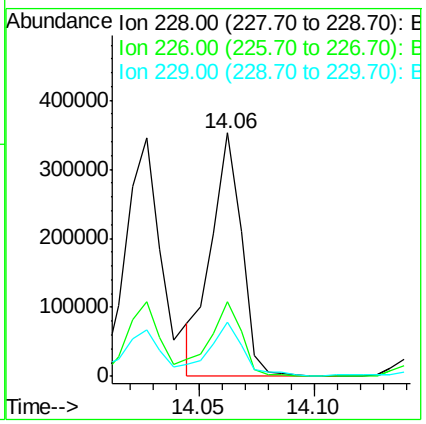


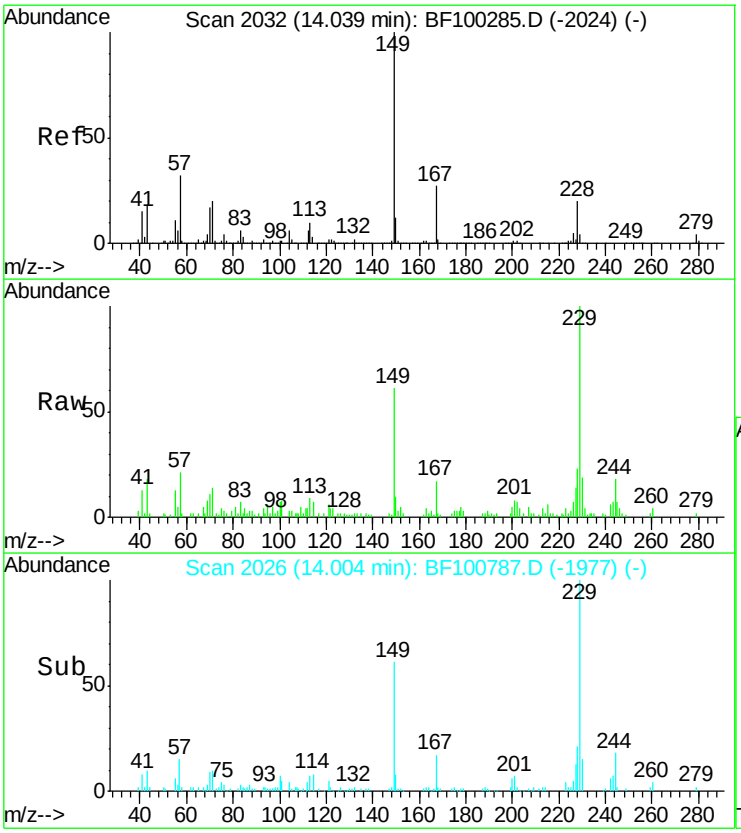
#82
Chrysene
Concen: 33.99 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 320906

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.1	16.2	24.4

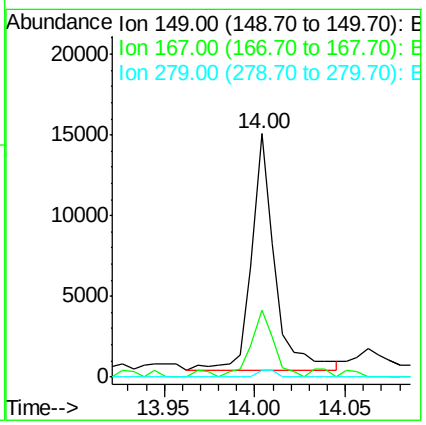


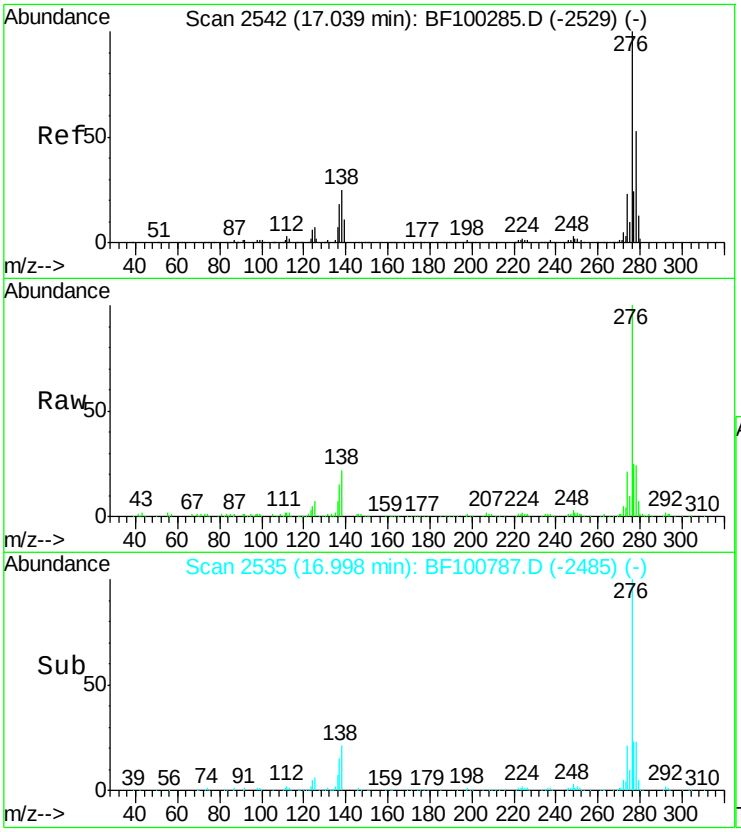


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.10 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:149 Resp: 12996

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	2.9	3.0	4.4#



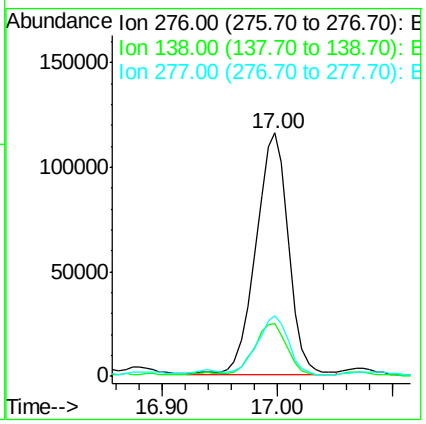


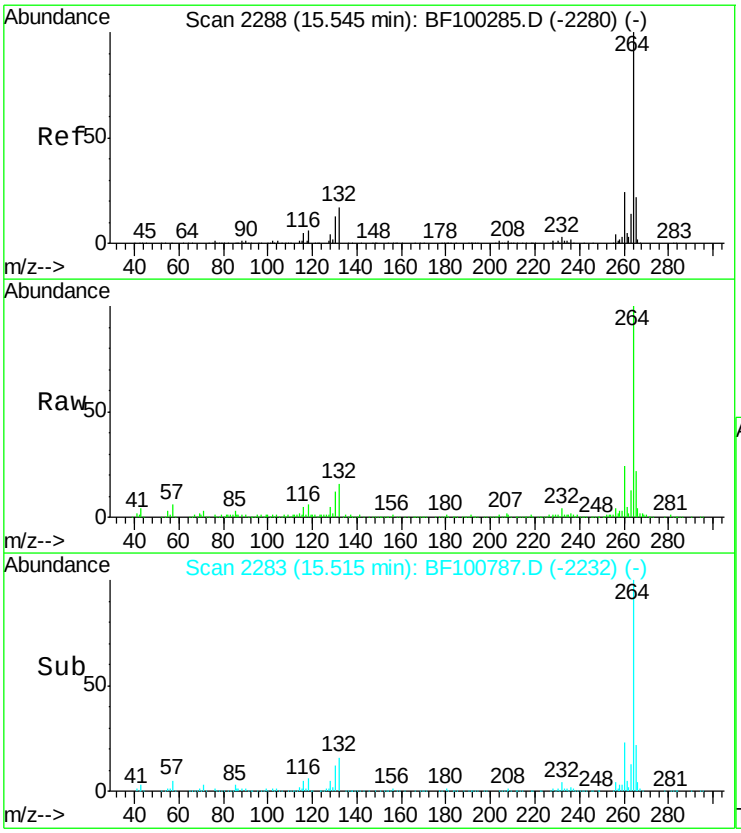
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.75 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 227155

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	23.4	20.1	30.1

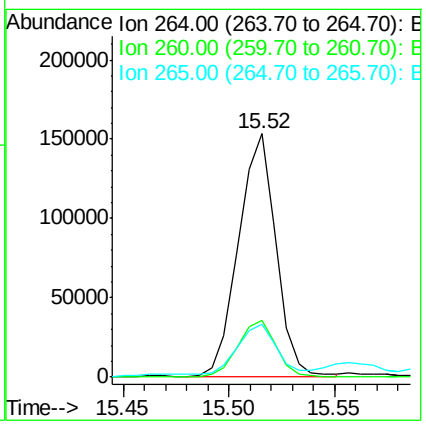


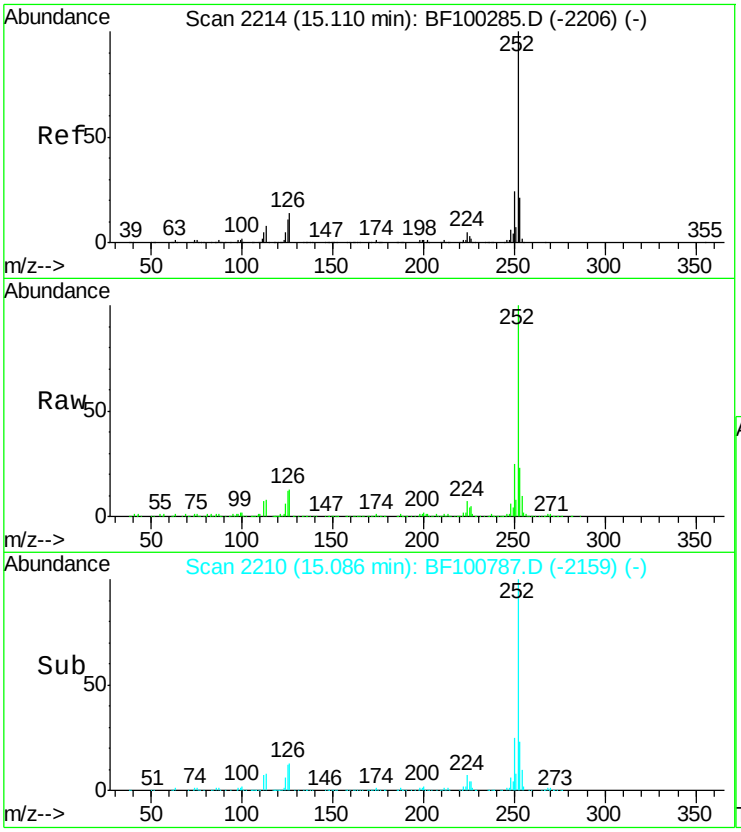


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:264 Resp: 187870

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3



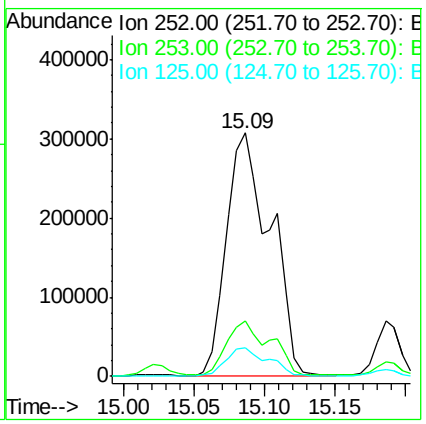


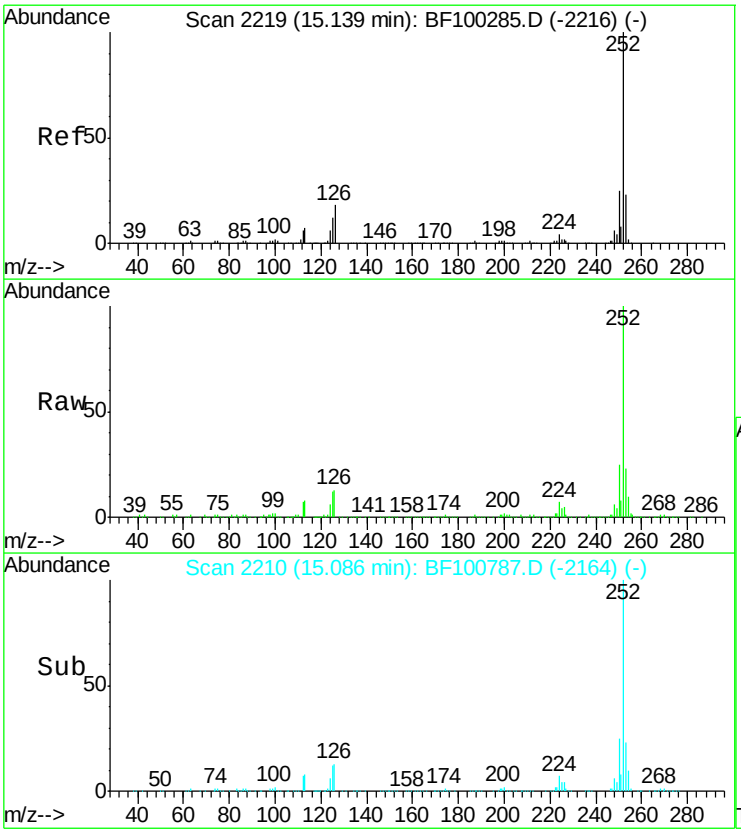
#87
Benzo(b)fluoranthene
Concen: 59.90 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 666739

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.9	9.0	13.6

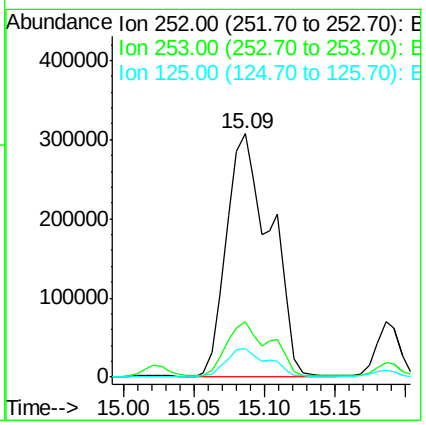


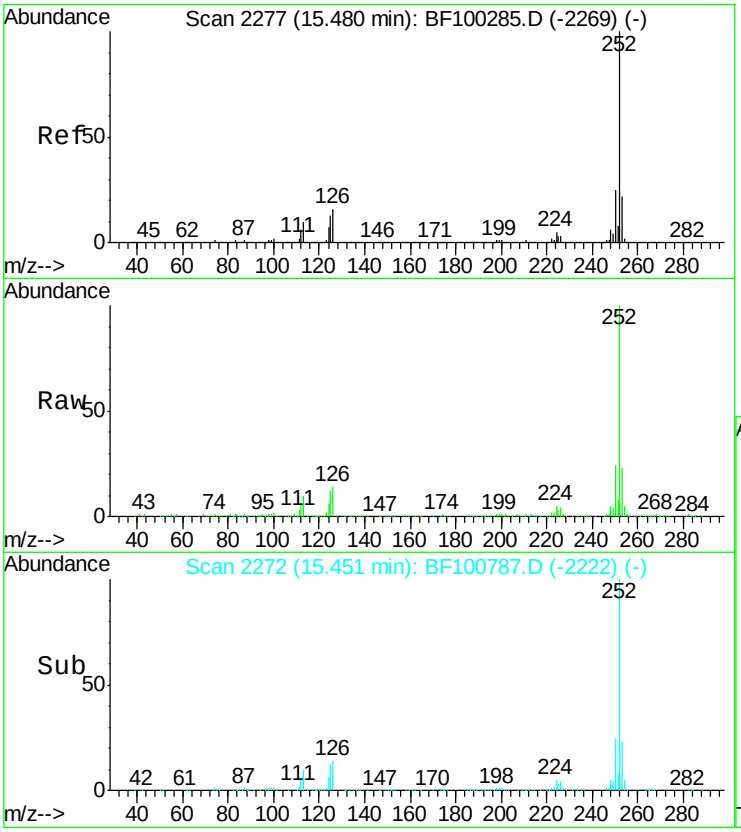


#88
Benzo(k)fluoranthene
Concen: 63.40 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:252 Resp: 666739

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.9	10.2	15.2



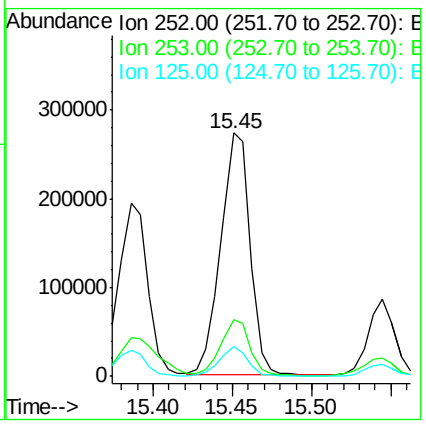


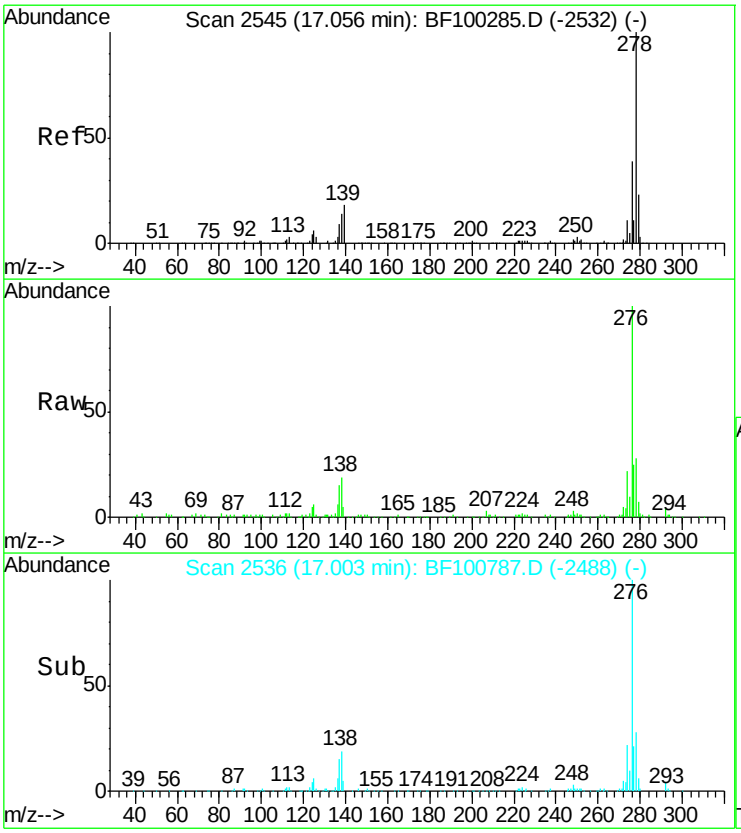
#89
Benzo(a)pyrene
Concen: 35.54 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 350680

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.1	9.8	14.6

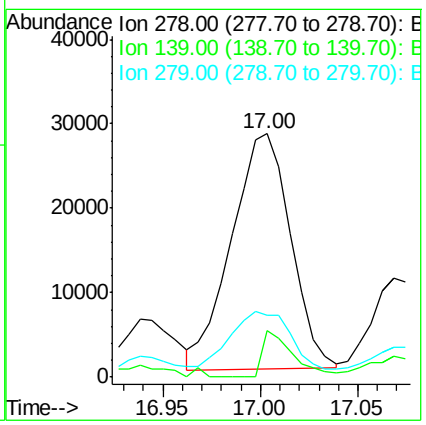


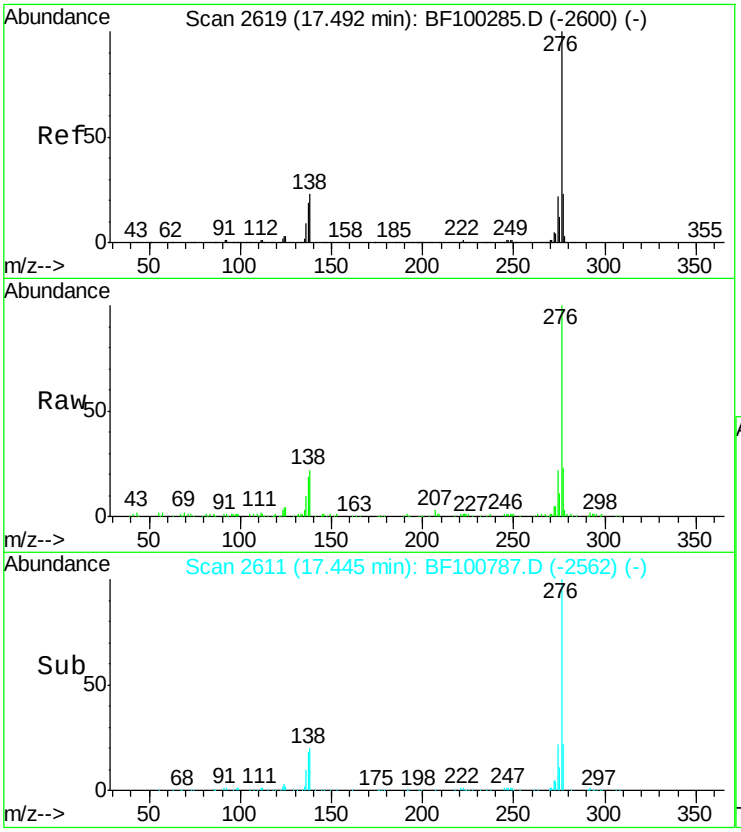


#90
Dibenzo(a,h)anthracene
Concen: 7.27 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Tgt Ion:278 Resp: 58691

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.9	23.9
279	25.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 25.64 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF100787.D
Acq: 21 Nov 2017 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 202522

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	21.7	21.8	32.8#