Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102786.D
Acq On : 6 Feb 2018 16:12
Operator : SJ/JU
Sample : J1454-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-10-EW(4-8)

Quant Time: Feb 06 18:35:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149088	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	599029	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	219313	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	275444	20.00	ng		0.01
75) Chrysene-d12	14.12	240	85090	20.00	ng		0.07
86) Perylene-d12	15.63	264	140720	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1297094	132.13	ng		0.01
7) Phenol-d6	6.52	99	1454304	123.03	ng		0.01
23) Nitrobenzene-d5	7.45	82	869874	100.74	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	207186	117.37	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1082651	81.92	ng		0.00
78) Terphenyl-d14	13.04	244	312039	86.83	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	13145	2.711	ng	#	67
10) Phenol	6.52	94	39152	3.091	ng		82
31) Naphthalene	8.19	128	144299	4.930	ng	#	85
37) 2-Methylnaphthalene	8.88	142	180120	9.400	ng		98
49) Dimethylphthalate	9.63	163	99369	5.811	ng	#	89
51) Acenaphthene	9.96	154	61148	4.527	ng	#	93
57) Fluorene	10.47	166	99037	7.151	ng	#	95
70) Phenanthrene	11.44	178	429901	28.024	ng	#	95
71) Anthracene	11.50	178	69427	4.450	ng	#	71
73) Di-n-butylphthalate	11.99	149	1479828	79.697	ng		99
74) Fluoranthene	12.69	202	187735	12.164	ng		83
77) Pyrene	12.92	202	178769	26.792	ng	#	89
82) Chrysene	14.14	228	98982	18.349	ng	#	65
85) Indeno(1,2,3-cd)pyrene	17.12	276	69612	15.559	ng		98
91) Benzo(g,h,i)perylene	17.57	276	74406	11.405	ng	#	82

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

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Misc :
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Instrument :
BNA_F
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8-SAN-10-EW(4-8)

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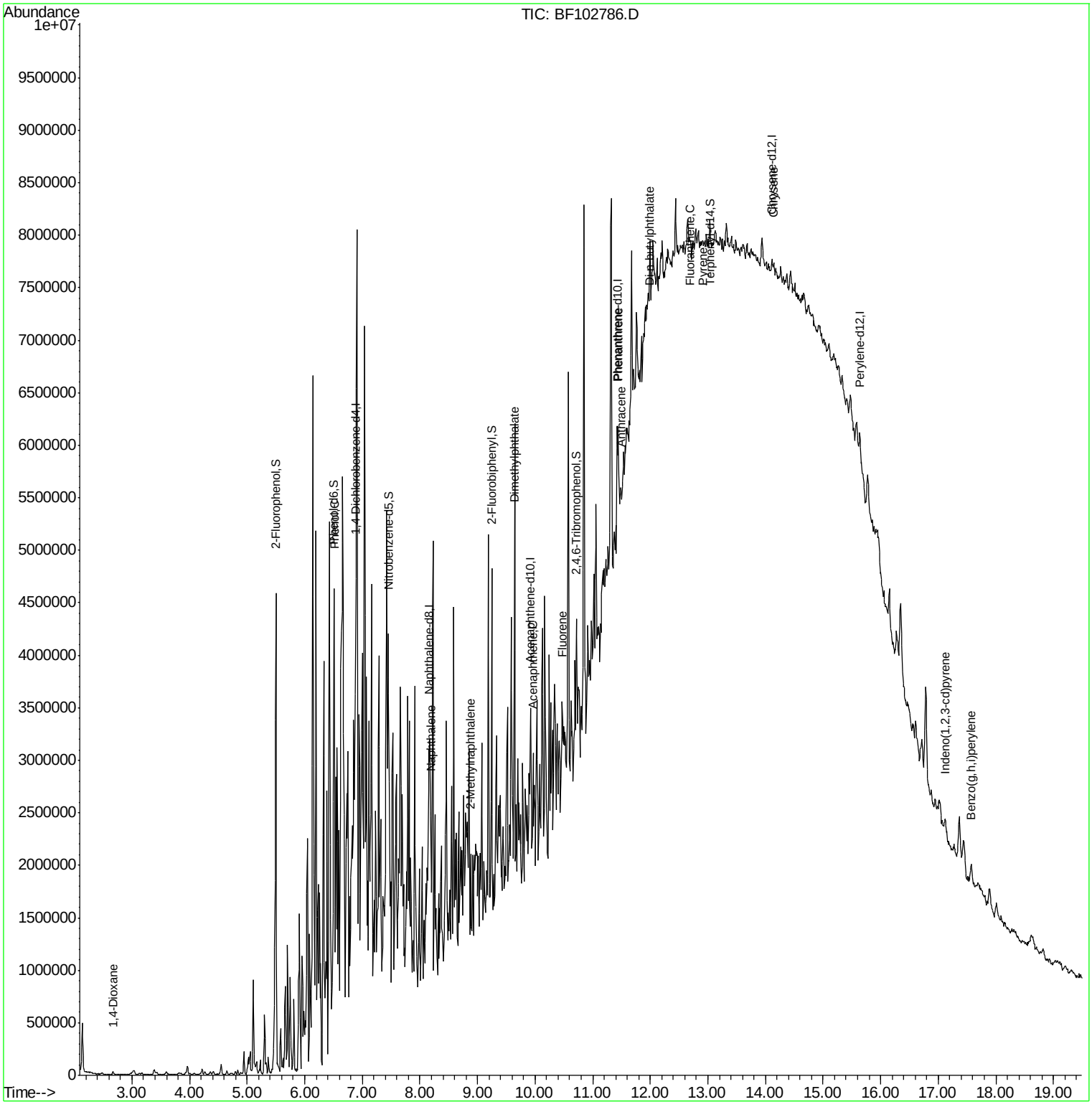
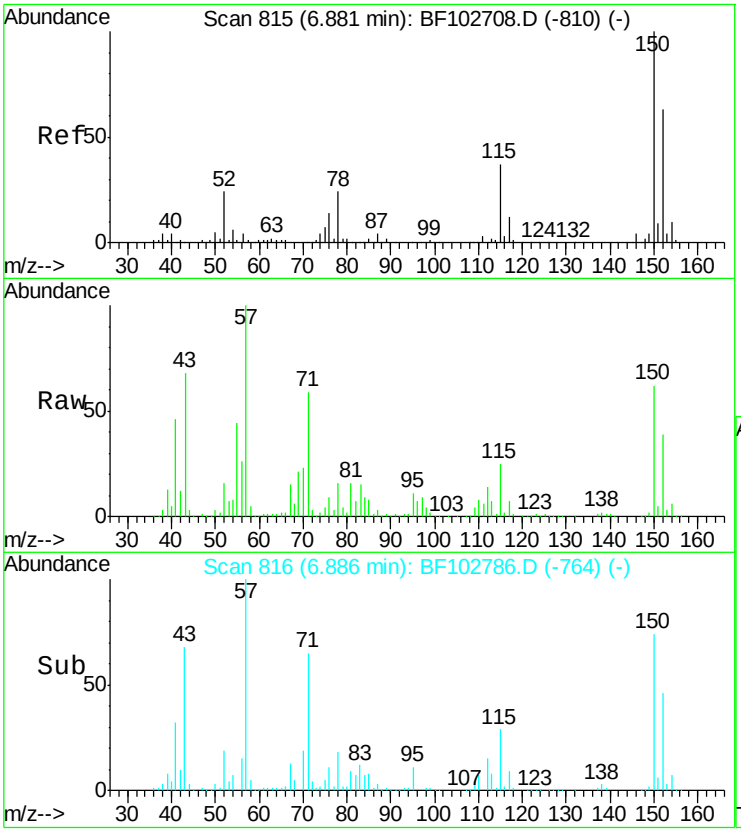


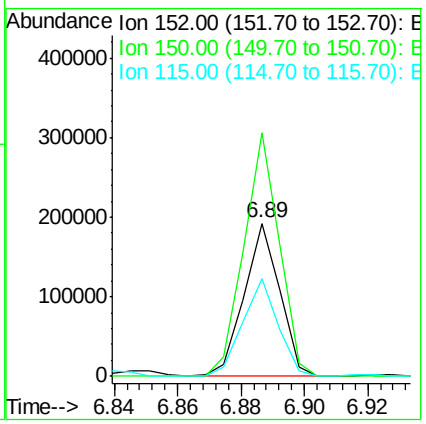


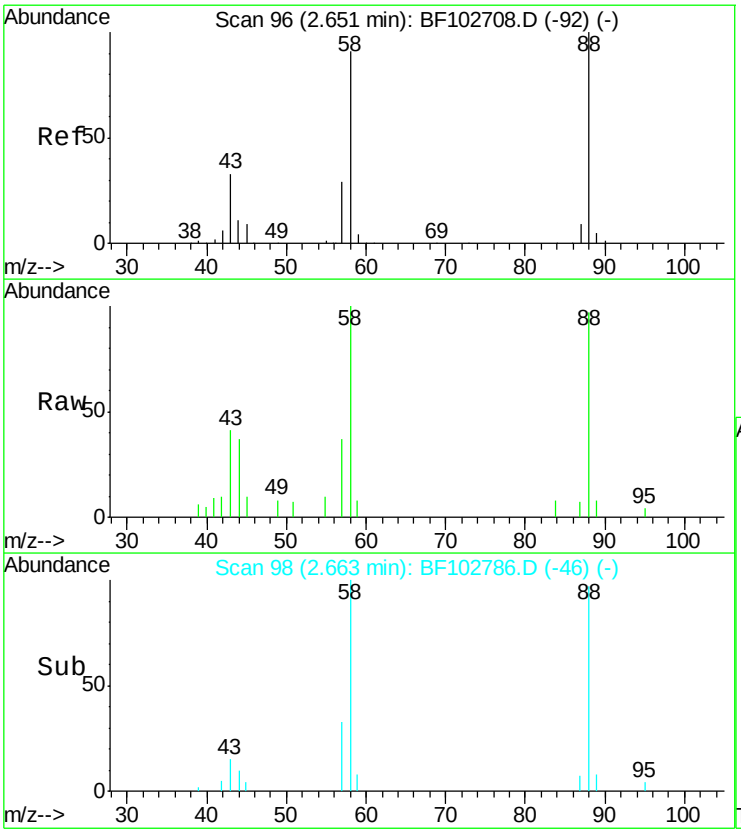
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:152 Resp: 149088

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	63.5	50.1	75.1

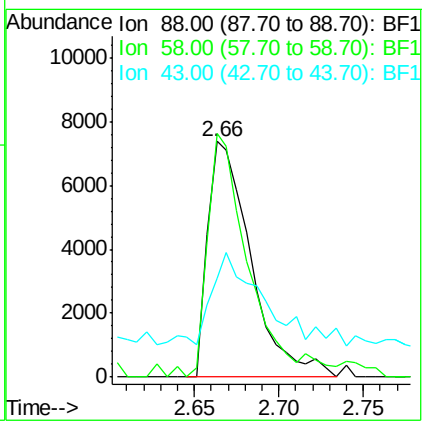


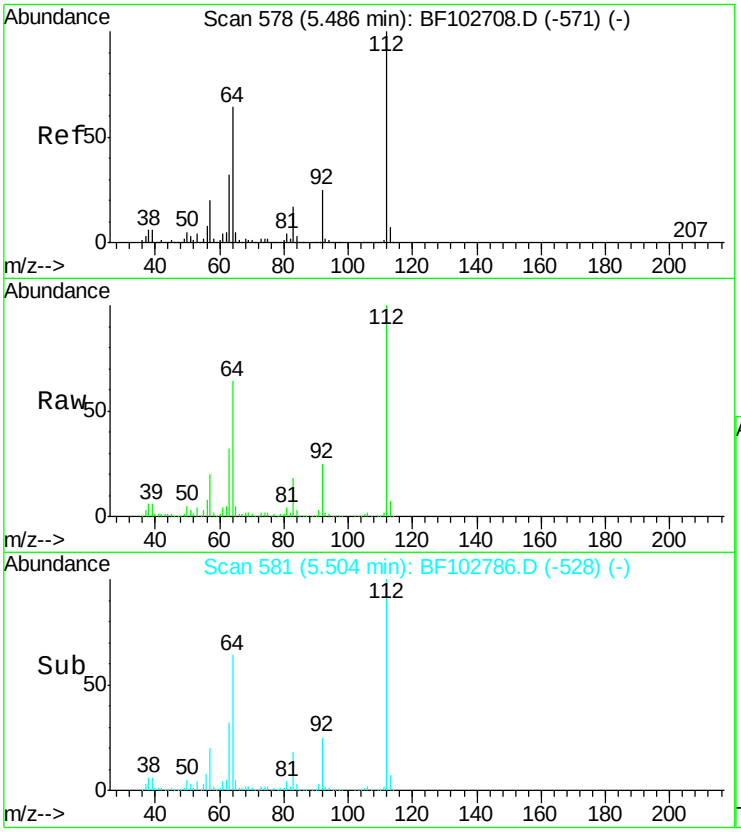


#2
1,4-Dioxane
Concen: 2.711 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion: 88 Resp: 13145

Ion	Ratio	Lower	Upper
88	100		
58	98.7	62.6	93.8#
43	62.9	24.6	37.0#



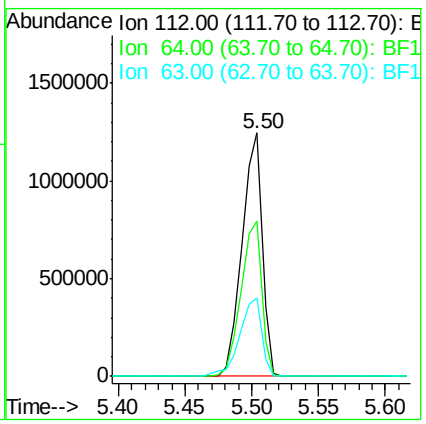


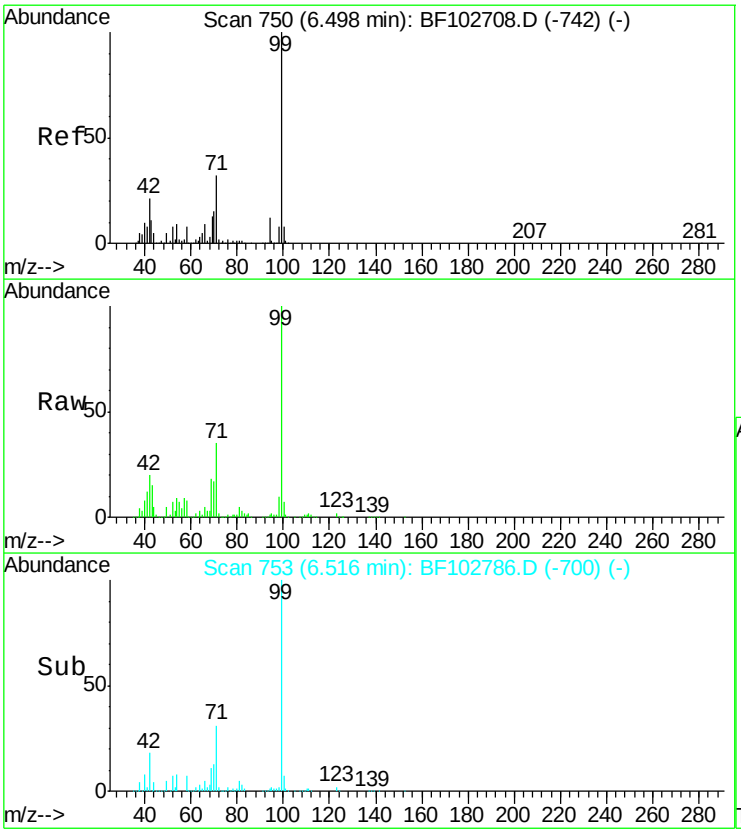
#5
2-Fluorophenol
Concen: 132.127 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:112 Resp: 1297094

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.4	23.7	35.5

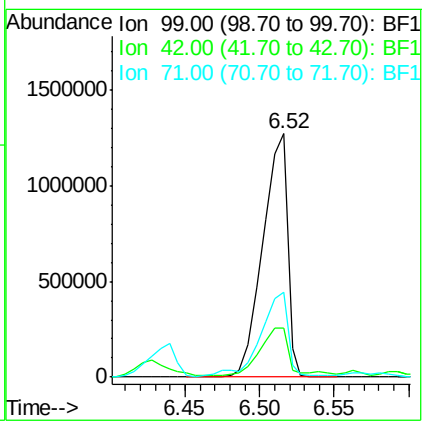


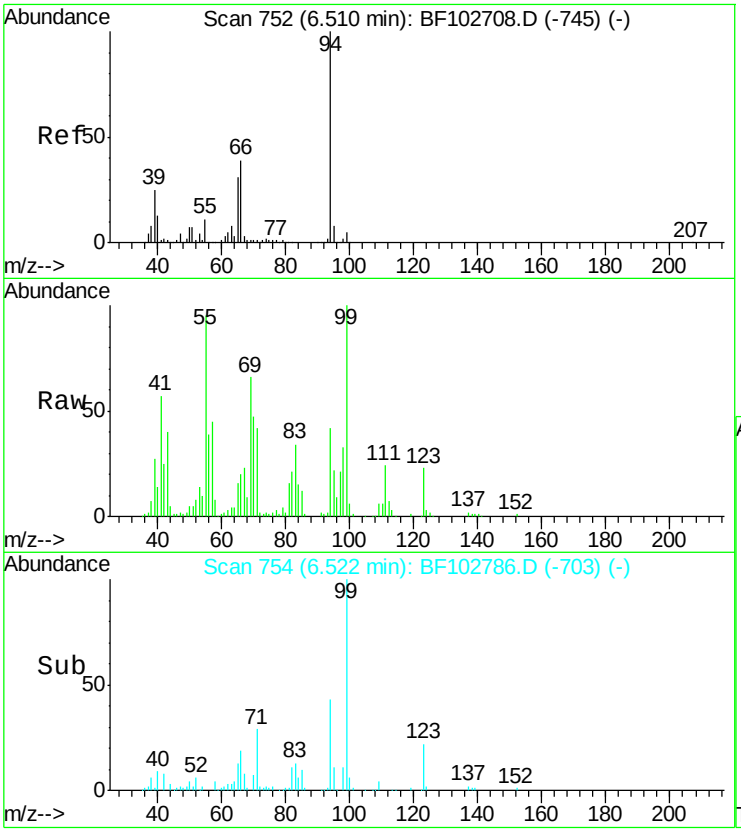


#7
Phenol-d6
Concen: 123.034 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion: 99 Resp: 1454304

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	34.9	25.4	38.0



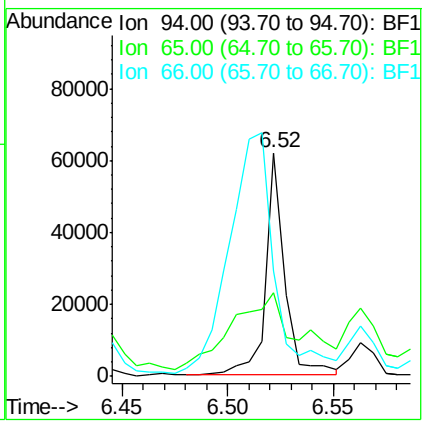


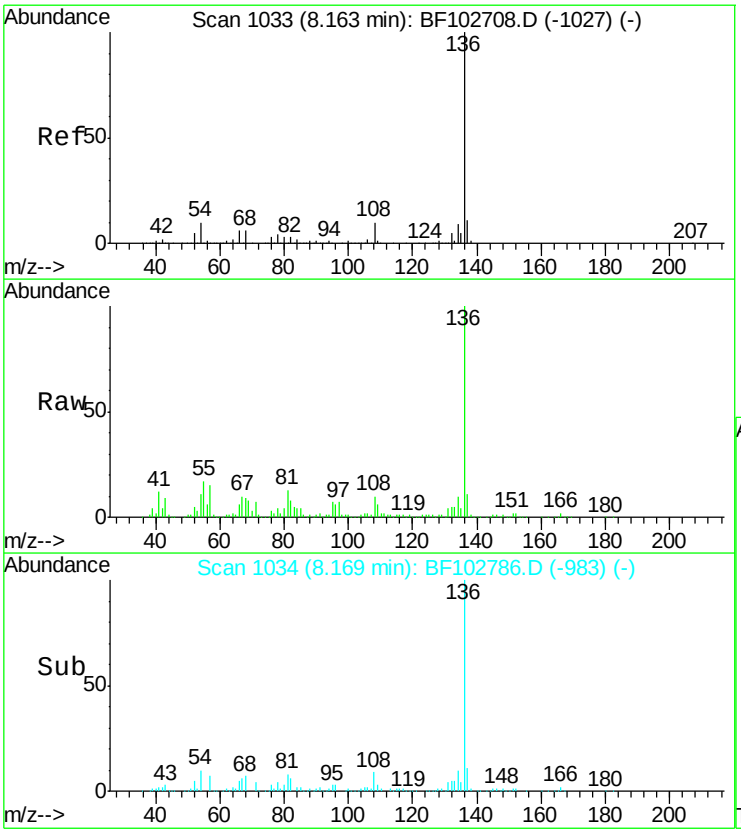
#10
Phenol
Concen: 3.091 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion: 94 Resp: 39152

Ion	Ratio	Lower	Upper
94	100		
65	37.3	7.9	47.9
66	47.1	16.2	56.2

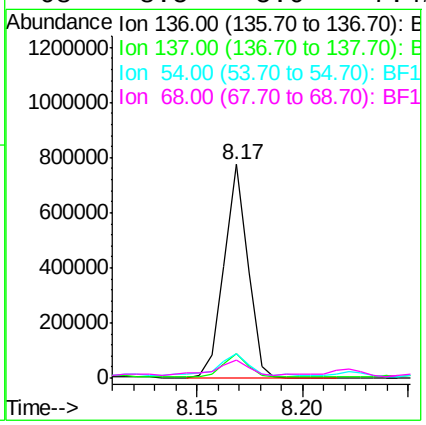


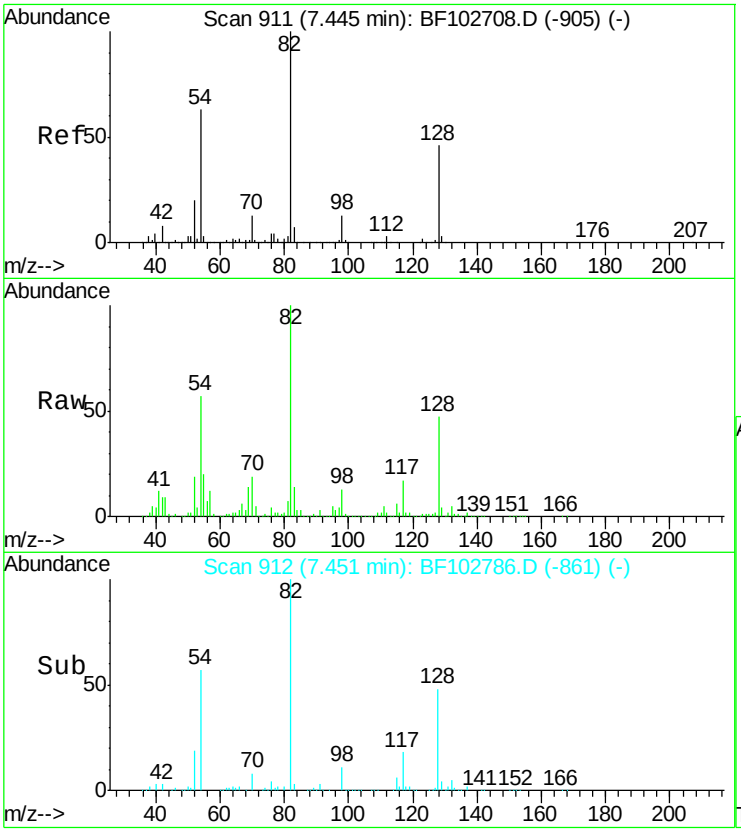


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:136 Resp: 599029

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.5	6.6	9.8#
68	8.5	5.0	7.4#



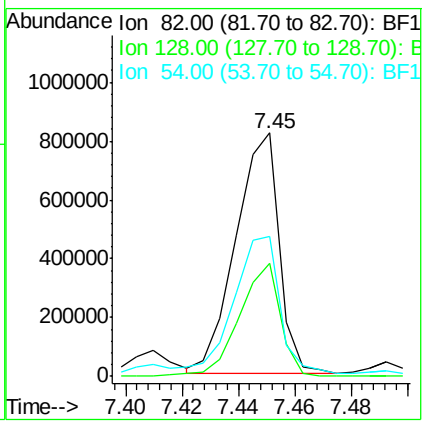


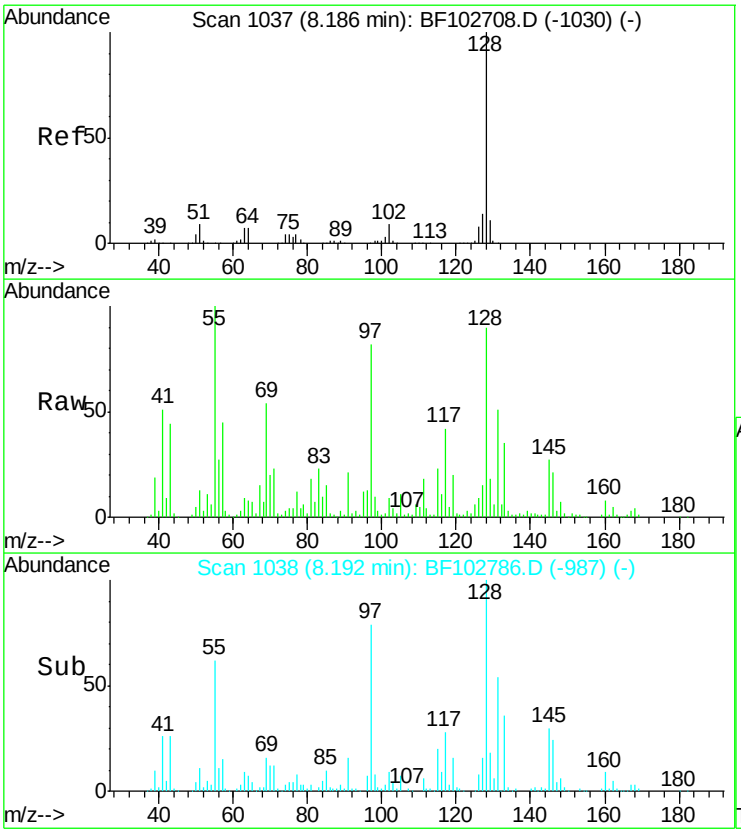
#23
Nitrobenzene-d5
Concen: 100.736 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion: 82 Resp: 869874

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	57.4	41.4	62.2

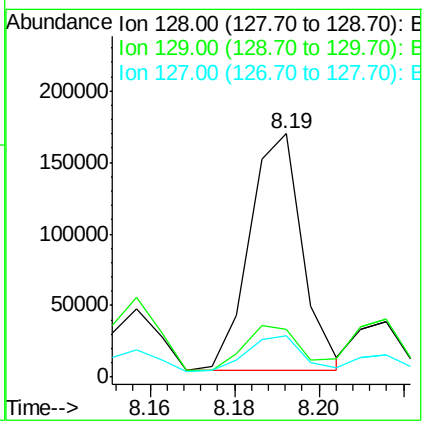


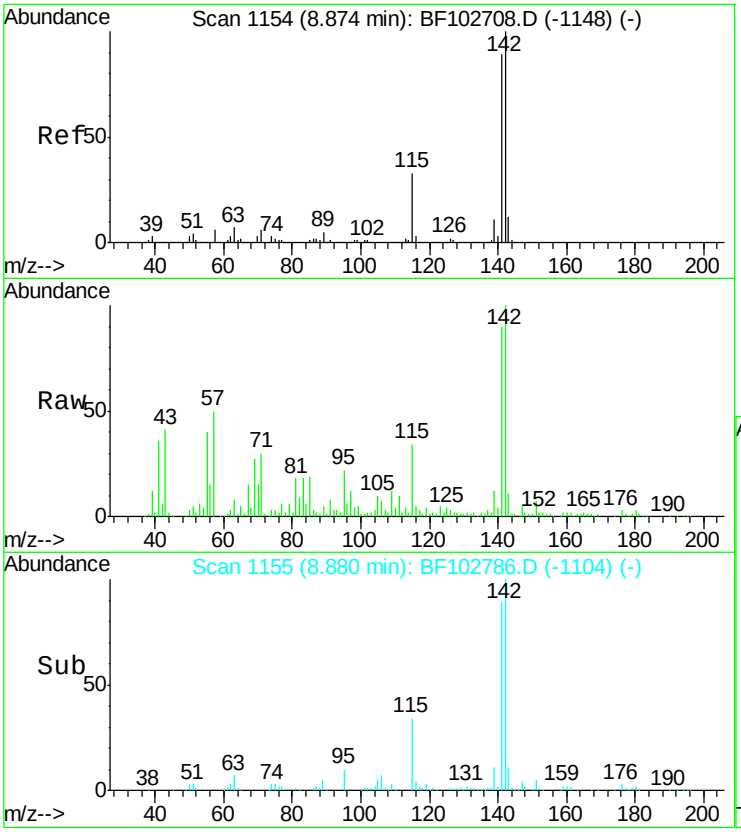


#31
Naphthalene
Concen: 4.930 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:128 Resp: 144299

Ion	Ratio	Lower	Upper
128	100		
129	19.5	8.8	13.2#
127	17.0	10.9	16.3#



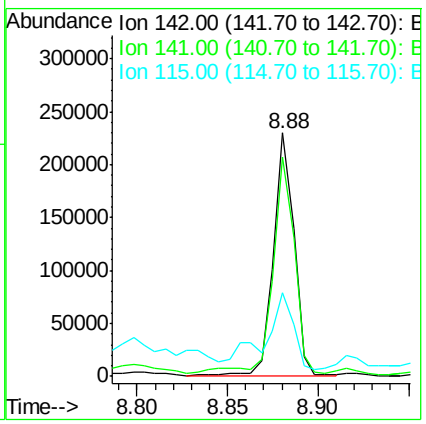


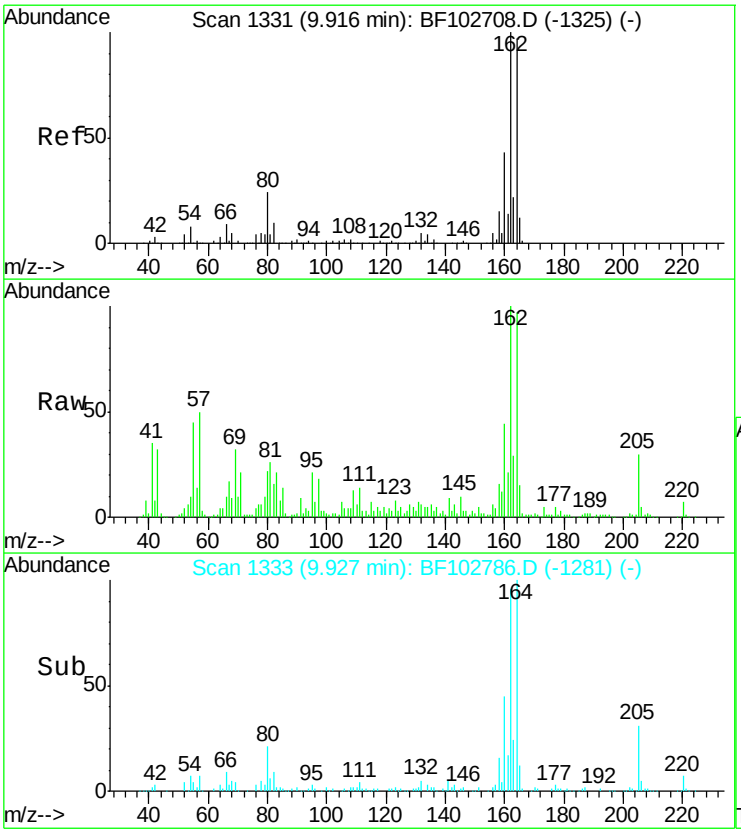
#37
2-Methylnaphthalene
Concen: 9.400 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:142 Resp: 180120

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.5	26.1	39.1

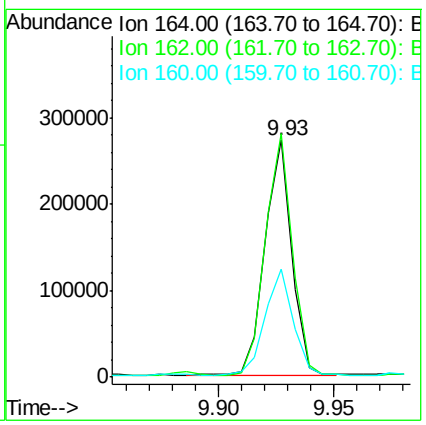


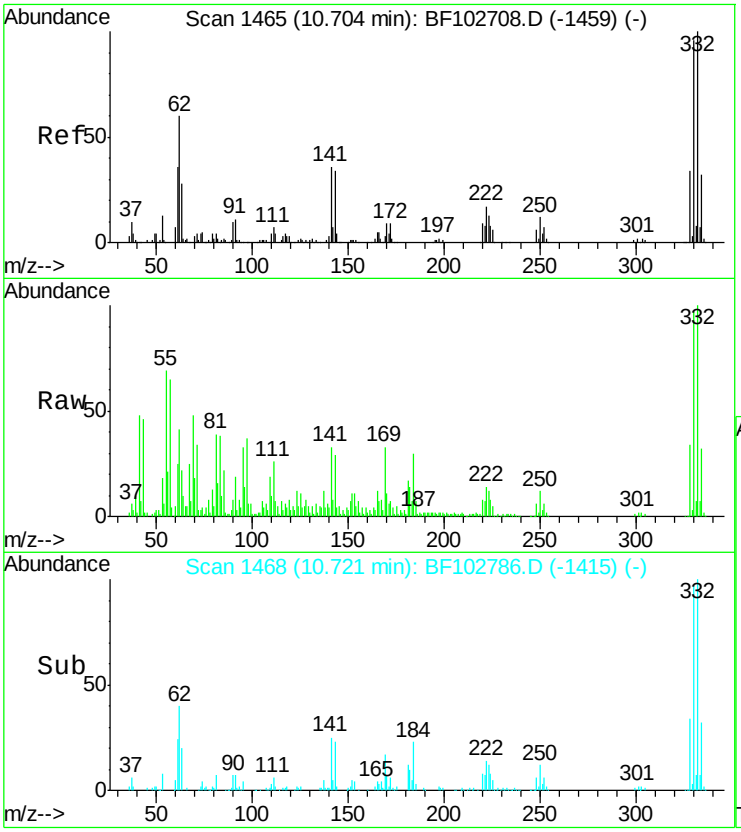


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:164 Resp: 219313

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.4	38.3	57.5



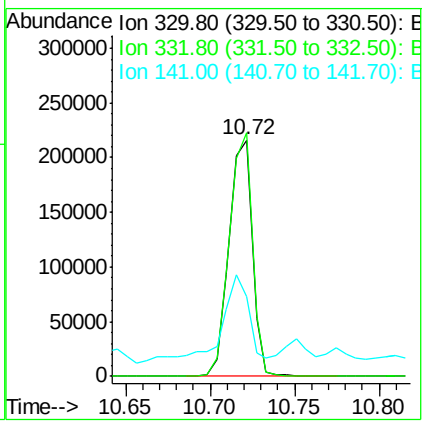


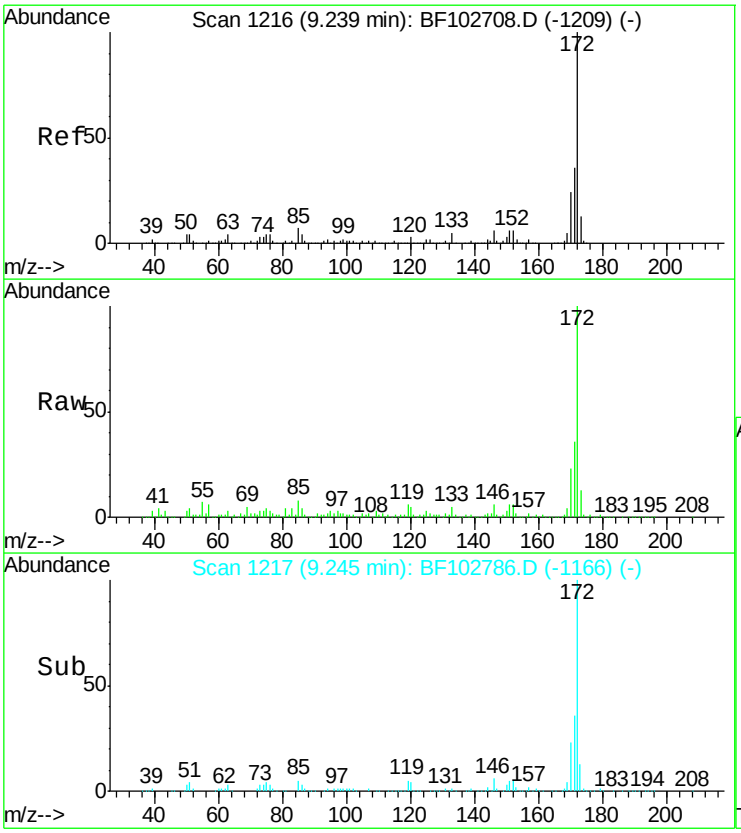
#41
2,4,6-Tribromophenol
Concen: 117.372 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:330 Resp: 207186

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	44.6	29.9	44.9

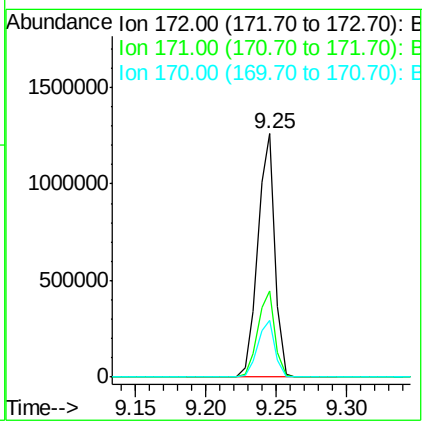


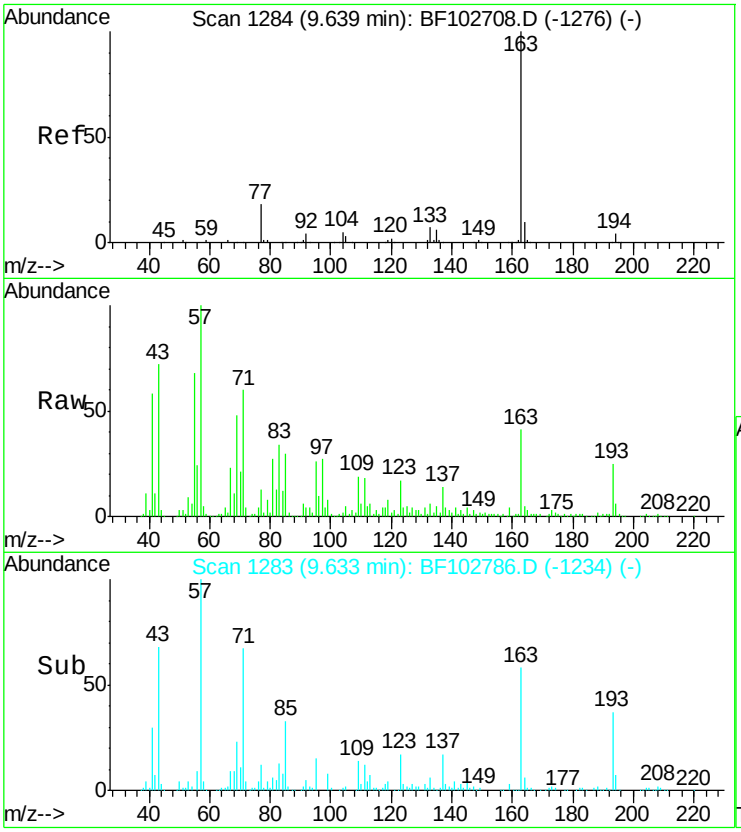


#44
2-Fluorobiphenyl
Concen: 81.915 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:172 Resp: 1082651

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4

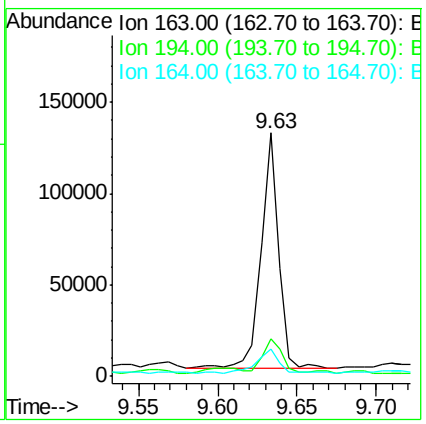




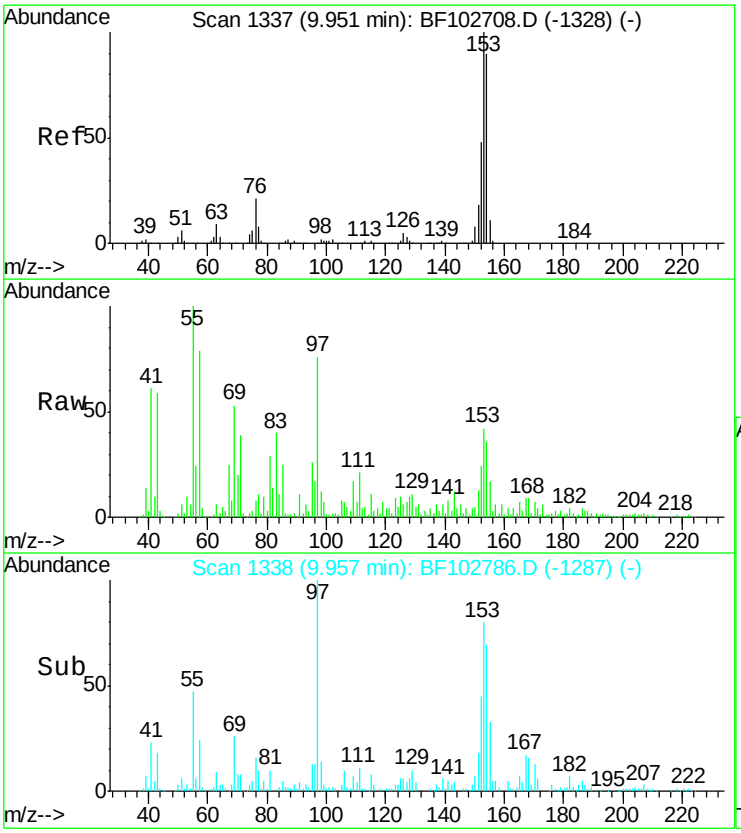
#49
Dimethylphthalate
Concen: 5.811 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:163 Resp: 99369

Ion	Ratio	Lower	Upper
163	100		
194	15.2	2.7	4.1#
164	11.4	8.2	12.2



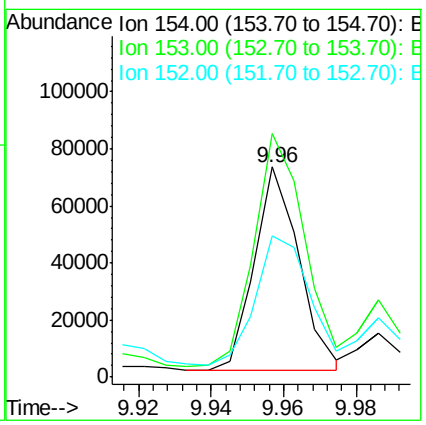
Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

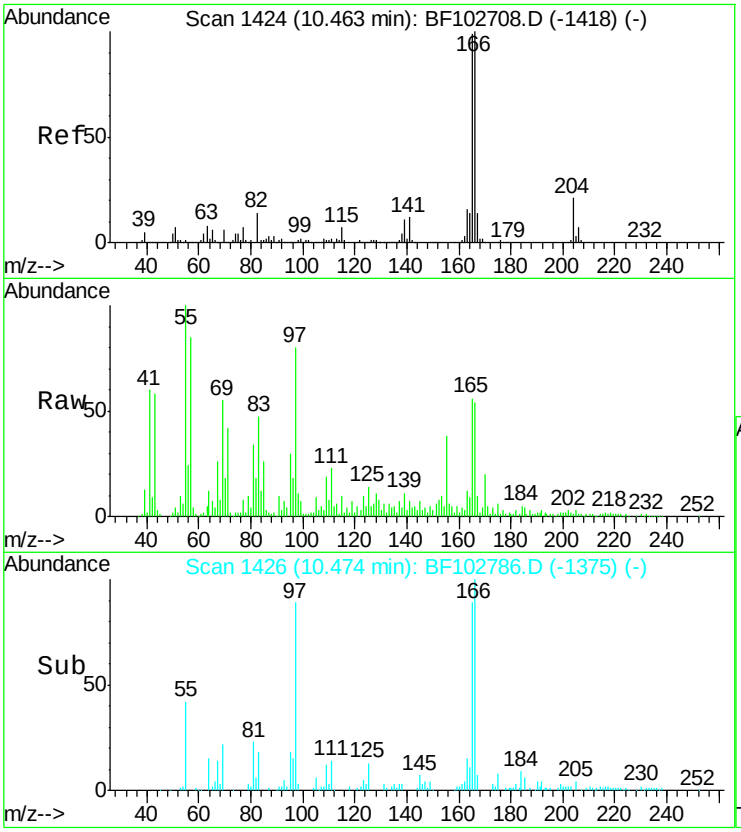


#51
Acenaphthene
Concen: 4.527 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:154 Resp: 61148

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.2	136.8
152	67.1	43.8	65.8#



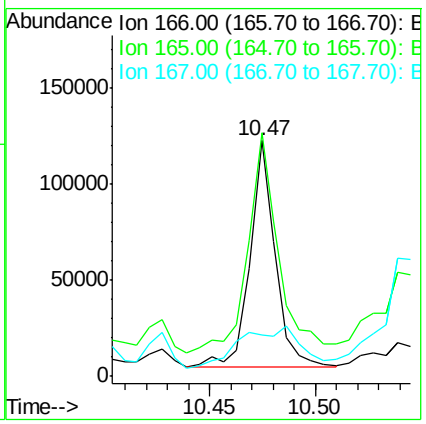


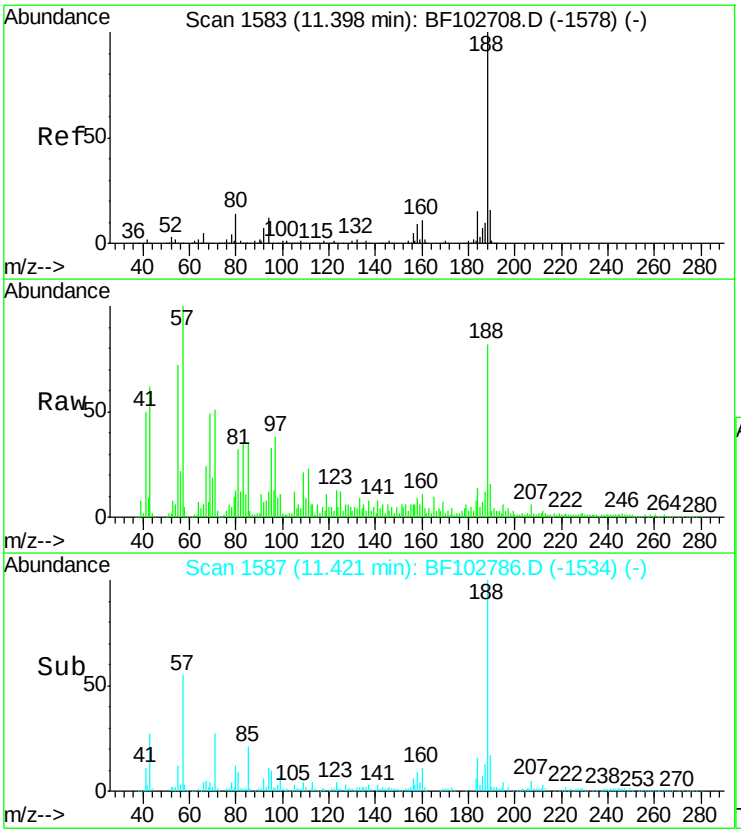
#57
Fluorene
Concen: 7.151 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:166 Resp: 99037

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.8	119.8
167	17.7	10.6	16.0#

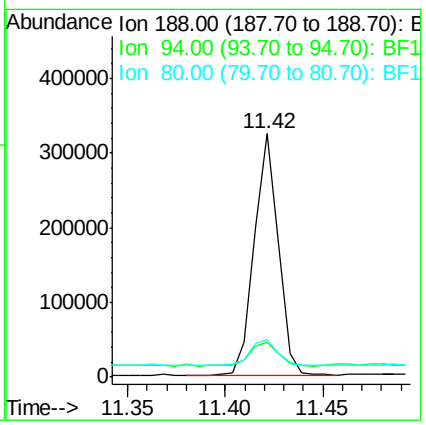


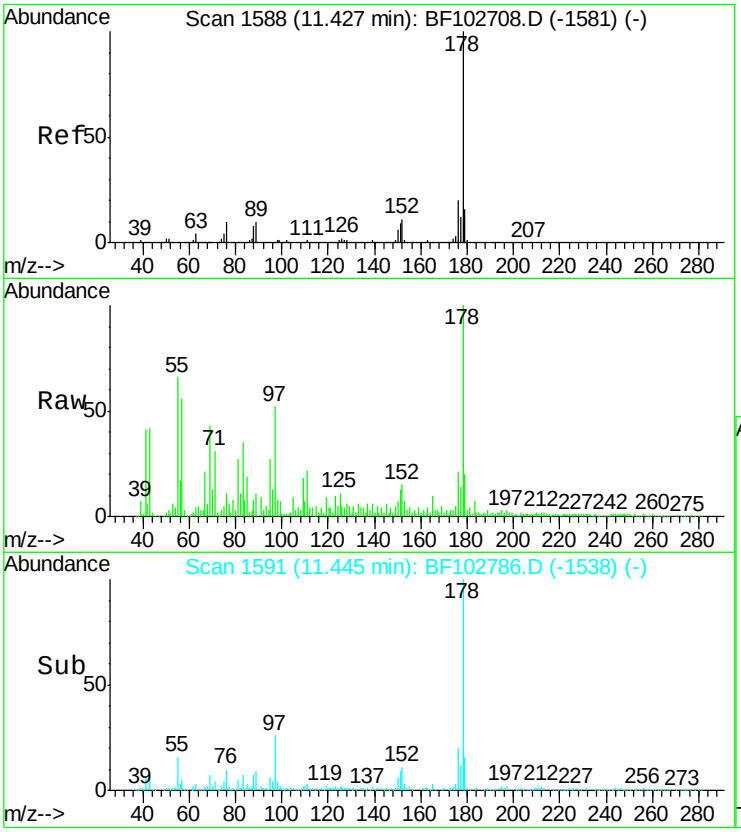


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:188 Resp: 275444

Ion	Ratio	Lower	Upper
188	100		
94	14.4	8.5	12.7#
80	15.5	9.2	13.8#



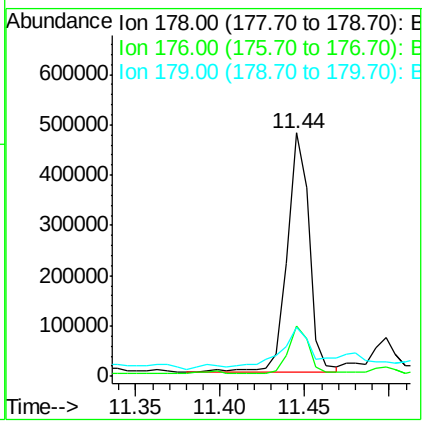


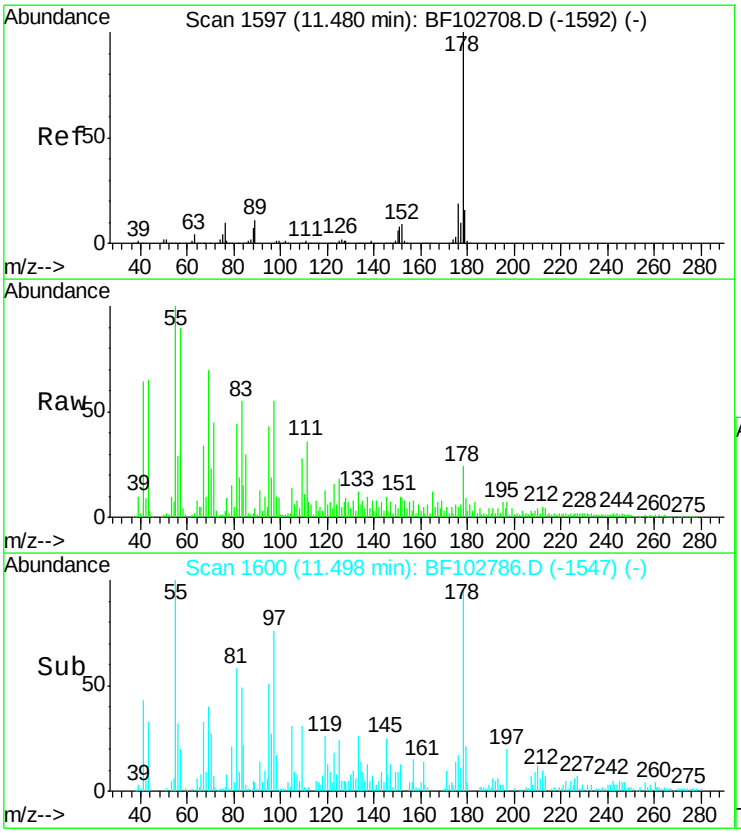
#70
Phenanthrene
Concen: 28.024 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:178 Resp: 429901

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	20.1	13.0	19.6#

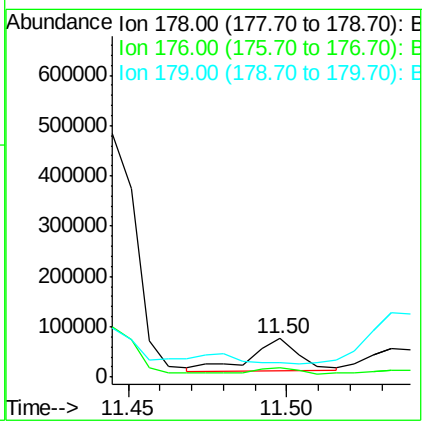


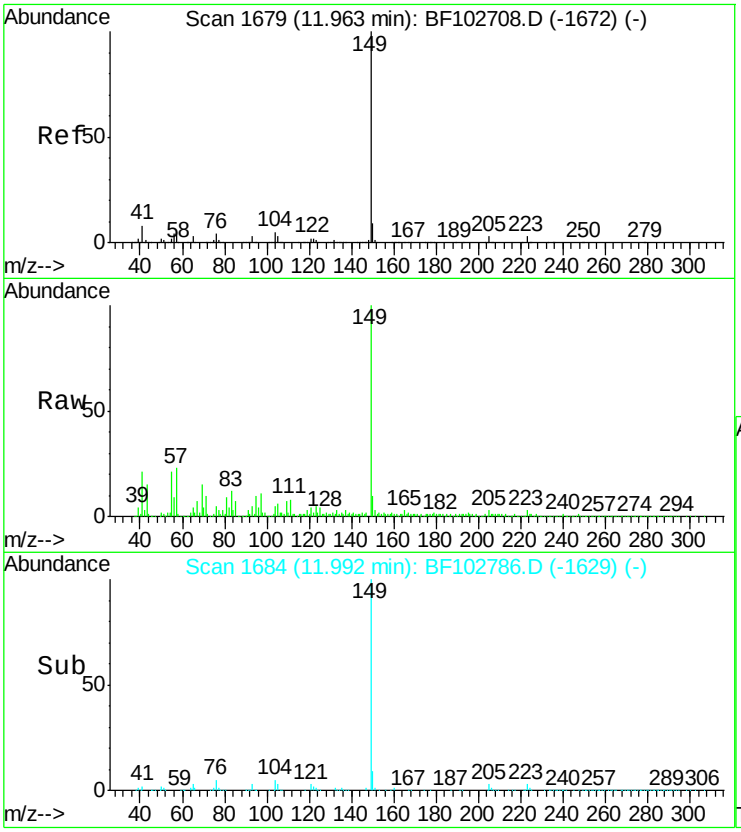


#71
Anthracene
Concen: 4.450 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:178 Resp: 69427

Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.4	23.2#
179	38.3	12.6	19.0#



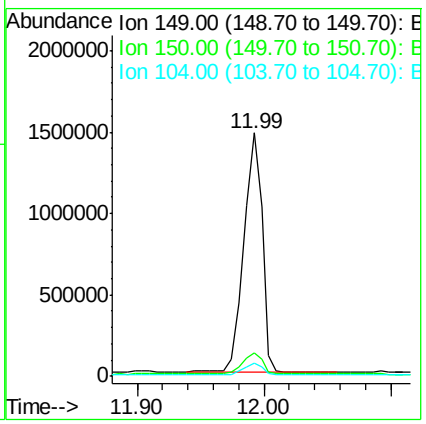


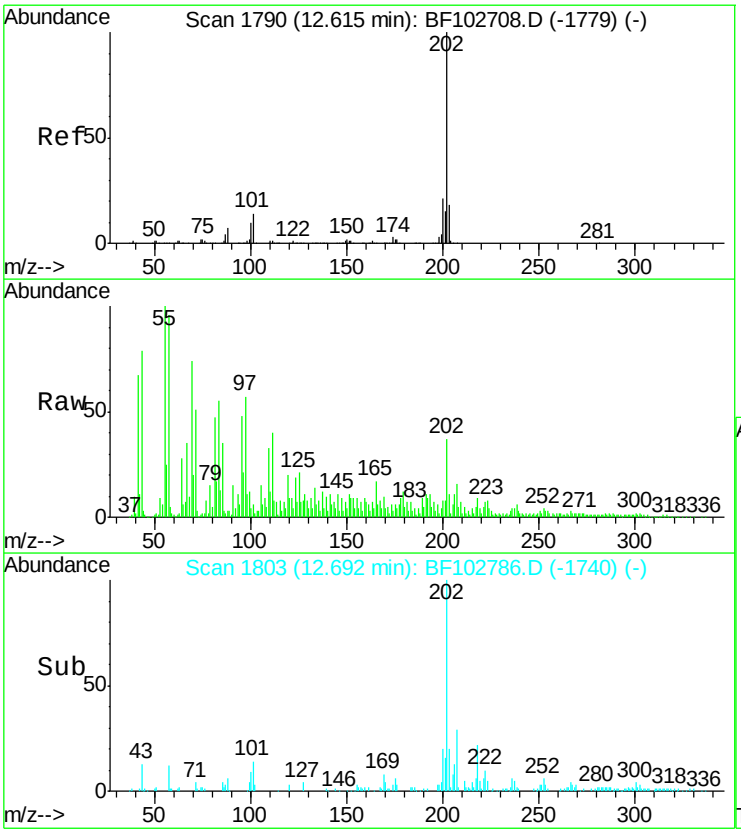
#73
Di-n-butylphthalate
Concen: 79.697 ng
RT: 11.99 min Scan# 1684
Delta R.T. 0.02 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:149 Resp: 1479828

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.4	3.8	5.8

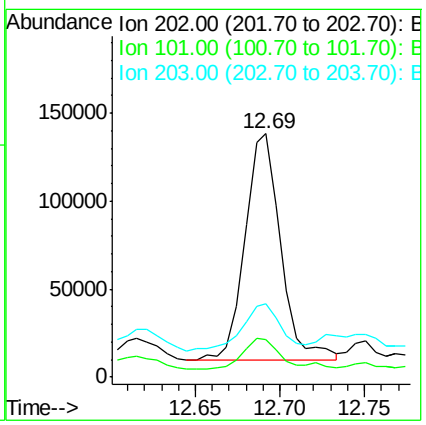


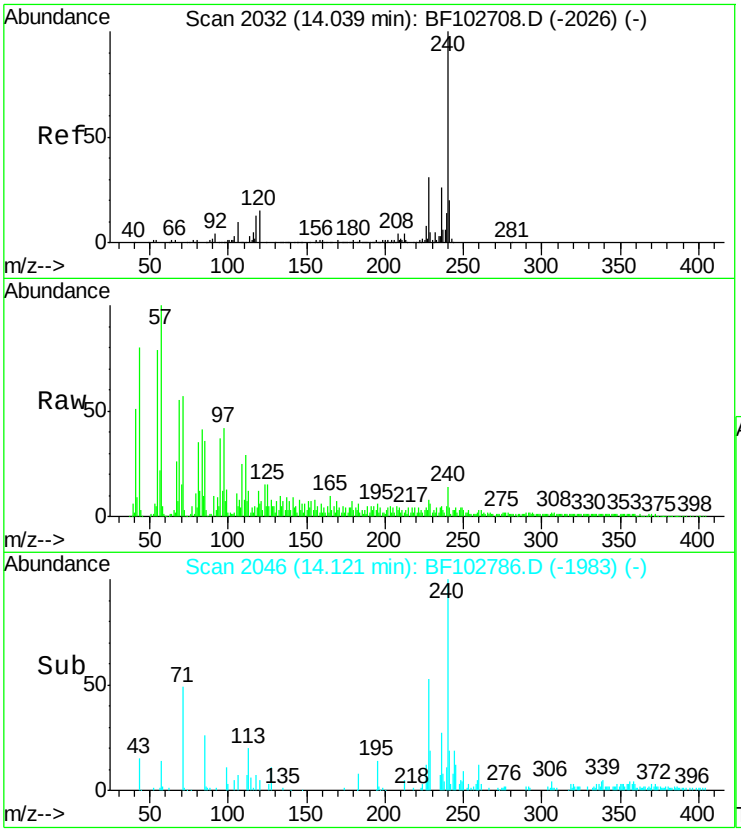


#74
Fluoranthene
Concen: 12.164 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.07 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:202 Resp: 187735

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	30.0	0.0	38.1



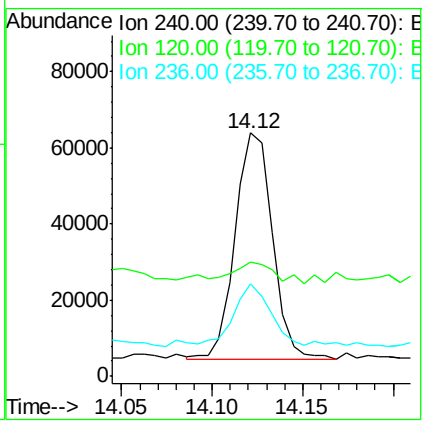


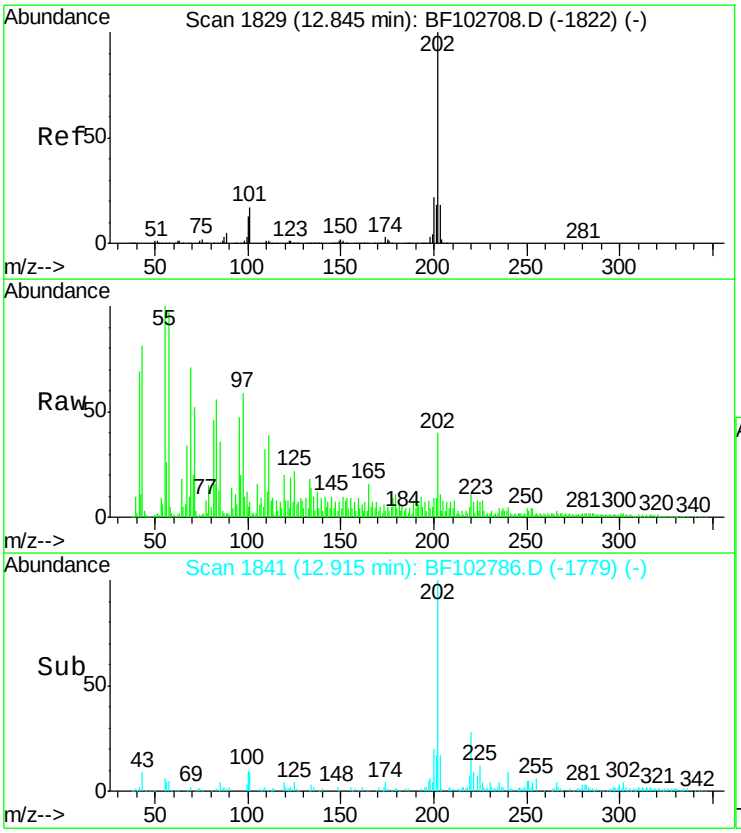
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.07 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:240 Resp: 85090

Ion	Ratio	Lower	Upper
240	100		
120	46.9	9.5	14.3#
236	38.2	20.7	31.1#

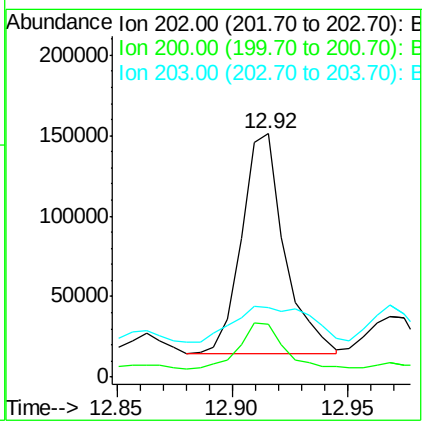


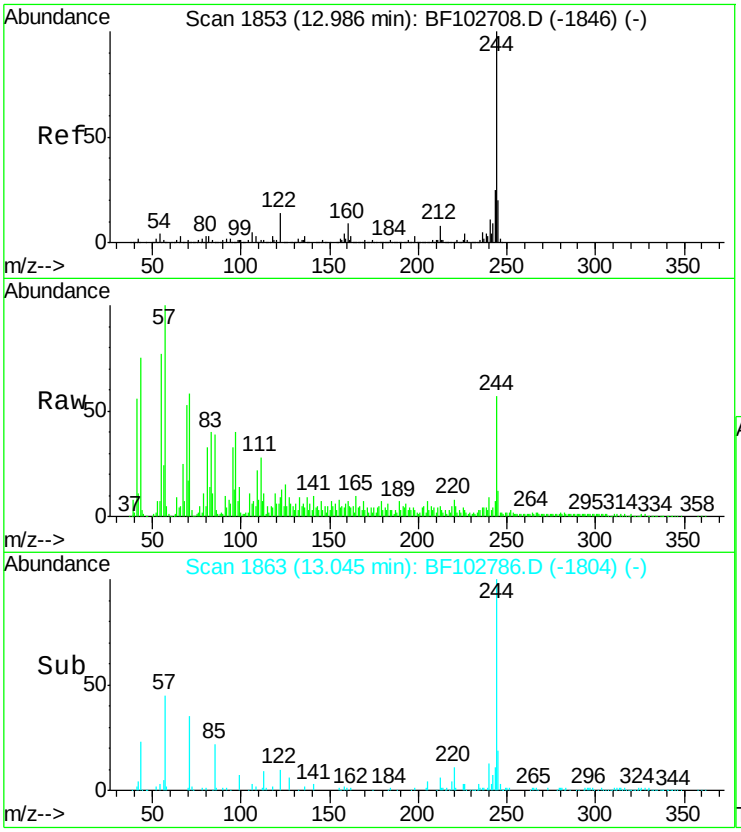


#77
Pyrene
Concen: 26.792 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.06 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:202 Resp: 178769

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	28.6	14.3	21.5#



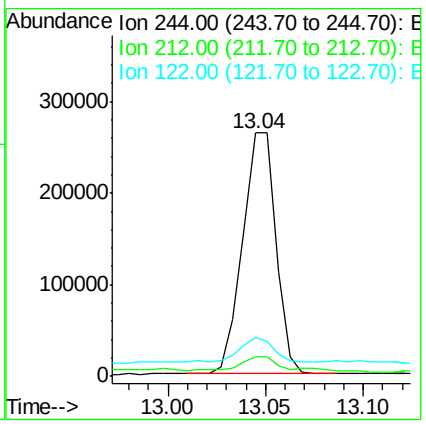


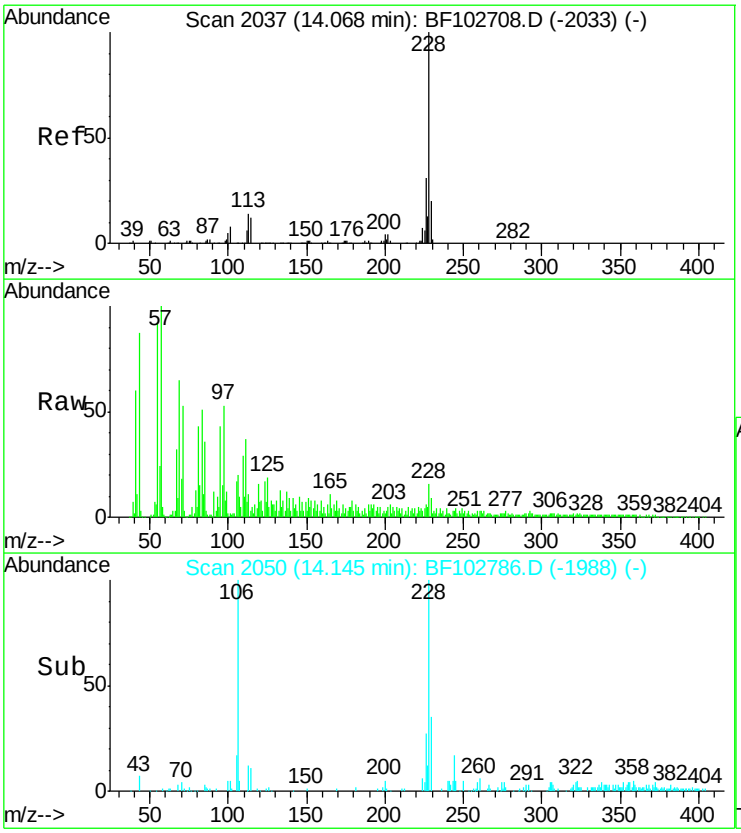
#78
Terphenyl-d14
Concen: 86.830 ng
RT: 13.04 min Scan# 1863
Delta R.T. 0.05 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:244 Resp: 312039

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	15.9	11.0	16.4

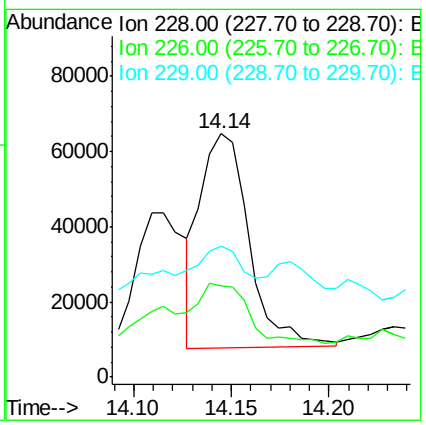


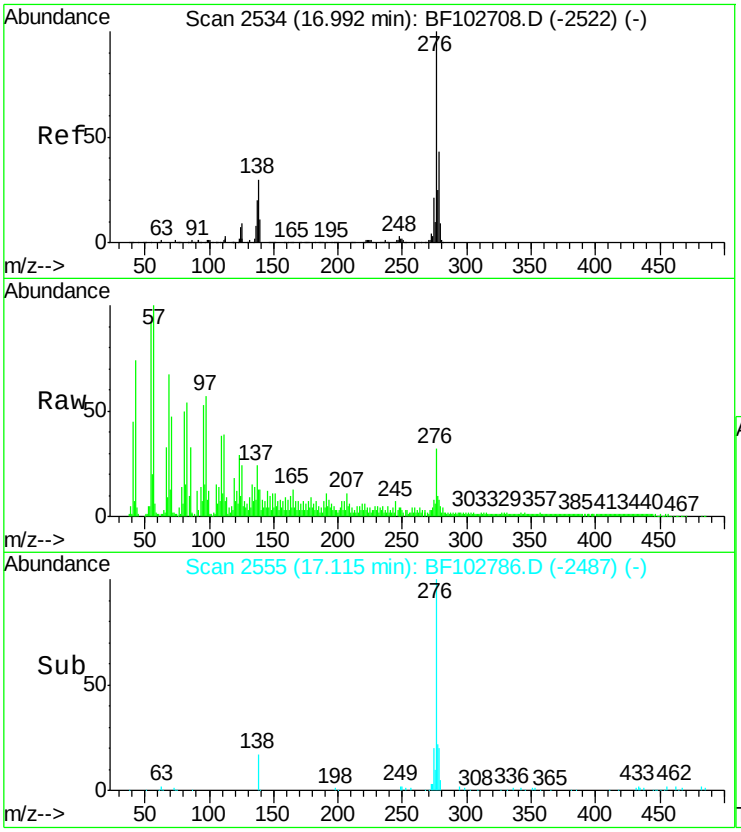


#82
Chrysene
Concen: 18.349 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.06 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:228 Resp: 98982

Ion	Ratio	Lower	Upper
228	100		
226	37.6	25.0	37.6
229	53.7	16.2	24.4#



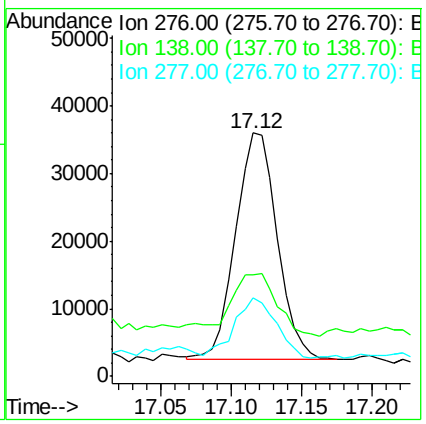


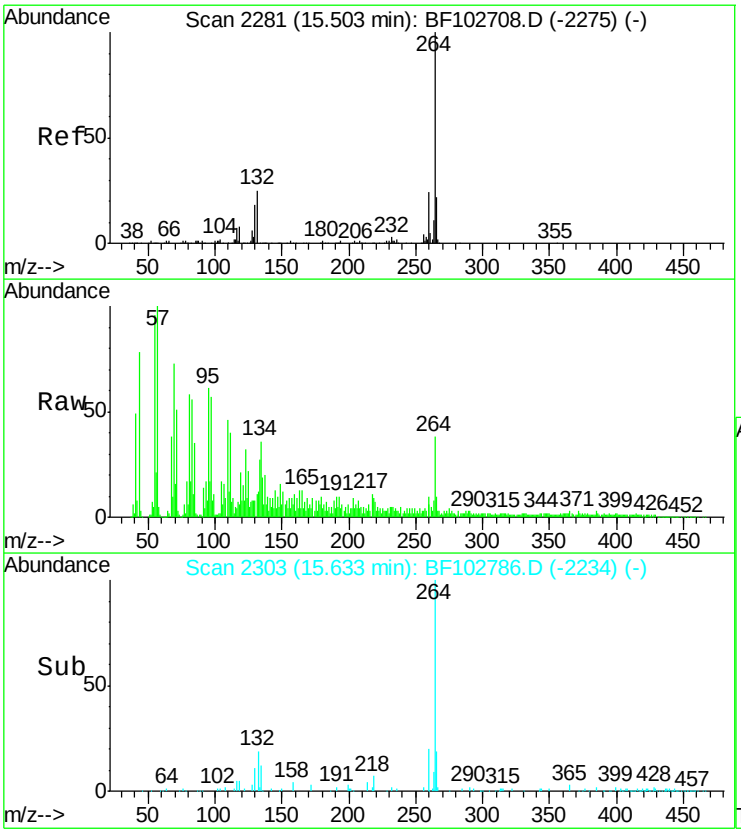
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.559 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.10 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:276 Resp: 69612

Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	26.0	20.1	30.1

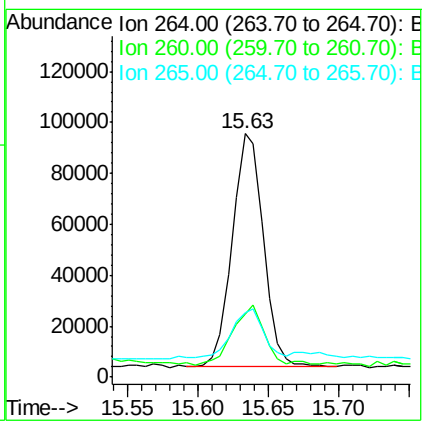


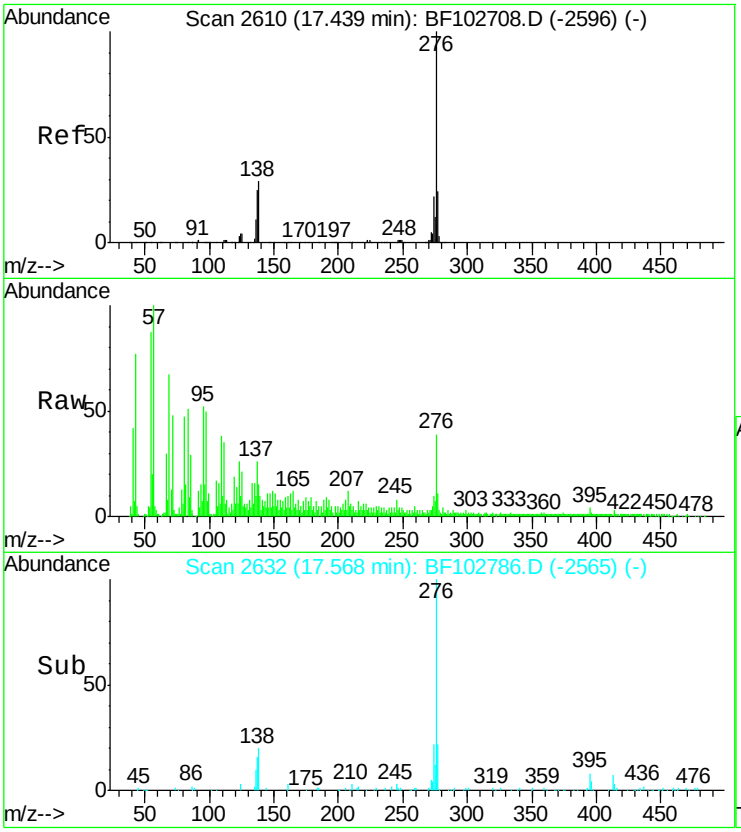


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.11 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Tgt Ion:264 Resp: 140720

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	26.5	17.5	26.3#





#91
Benzo(g,h,i)perylene
Concen: 11.405 ng
RT: 17.57 min Scan# 2632
Delta R.T. 0.09 min
Lab File: BF102786.D
Acq: 6 Feb 2018 16:12

Instrument :
BNA_F
ClientSampleId :
8-SAN-10-EW(4-8)

Tgt Ion:276 Resp: 74406

Ion	Ratio	Lower	Upper
276	100		
277	29.3	17.9	26.9#
138	38.4	21.8	32.8#