Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100953.D
Acq On : 29 Nov 2017 00:49
Operator : SJ/JU
Sample : I6548-10DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 04:47:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63162	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	224134	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	84585	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	140367	20.00	ng		0.00
75) Chrysene-d12	14.03	240	154094	20.00	ng		0.00
86) Perylene-d12	15.50	264	129393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	217645	55.24	ng		0.00
7) Phenol-d6	6.49	99	249409	51.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	146433	43.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	48094	55.80	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	282729	50.90	ng		0.00
78) Terphenyl-d14	12.96	244	228596	34.09	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	19180	5.692	ng	#	81
25) Isophorone	7.42	82	146432	20.554	ng	#	64
47) 2-Nitroaniline	9.22	65	272	2.947	ng	#	1
48) Acenaphthylene	9.76	152	32363	3.680	ng		95
49) Dimethylphthalate	9.60	163	18437	2.855	ng		98
50) 2,6-Dinitrotoluene	9.89	165	11236	8.789	ng	#	24
51) Acenaphthene	9.93	154	12662	2.367	ng		95
55) 4-Nitrophenol	10.10	139	3478	2.837	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	11236	6.967	ng	#	21
57) Fluorene	10.44	166	16534	3.010	ng		99
70) Phenanthrene	11.40	178	267520	36.198	ng		97
71) Anthracene	11.46	178	52731	7.033	ng		98
72) Carbazole	11.61	167	22224	3.212	ng		96
74) Fluoranthene	12.60	202	469394	59.929	ng		96
77) Pyrene	12.83	202	406424	37.000	ng		98
80) Benzo(a)anthracene	14.02	228	220501	23.762	ng		94
82) Chrysene	14.05	228	209901	23.359	ng		96
85) Indeno(1,2,3-cd)pyrene	16.97	276	74049	10.188	ng	#	89
87) Benzo(b)fluoranthene	15.07	252	325799	42.500	ng		97
88) Benzo(k)fluoranthene	15.07	252	325799	44.980	ng		97
89) Benzo(a)pyrene	15.43	252	154396	22.719	ng		96
90) Dibenzo(a,h)anthracene	16.97	278	19613	3.529	ng	#	93
91) Benzo(g,h,i)perylene	17.42	276	68173	12.531	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100953.D
Acq On : 29 Nov 2017 00:49
Operator : SJ/JU
Sample : I6548-10DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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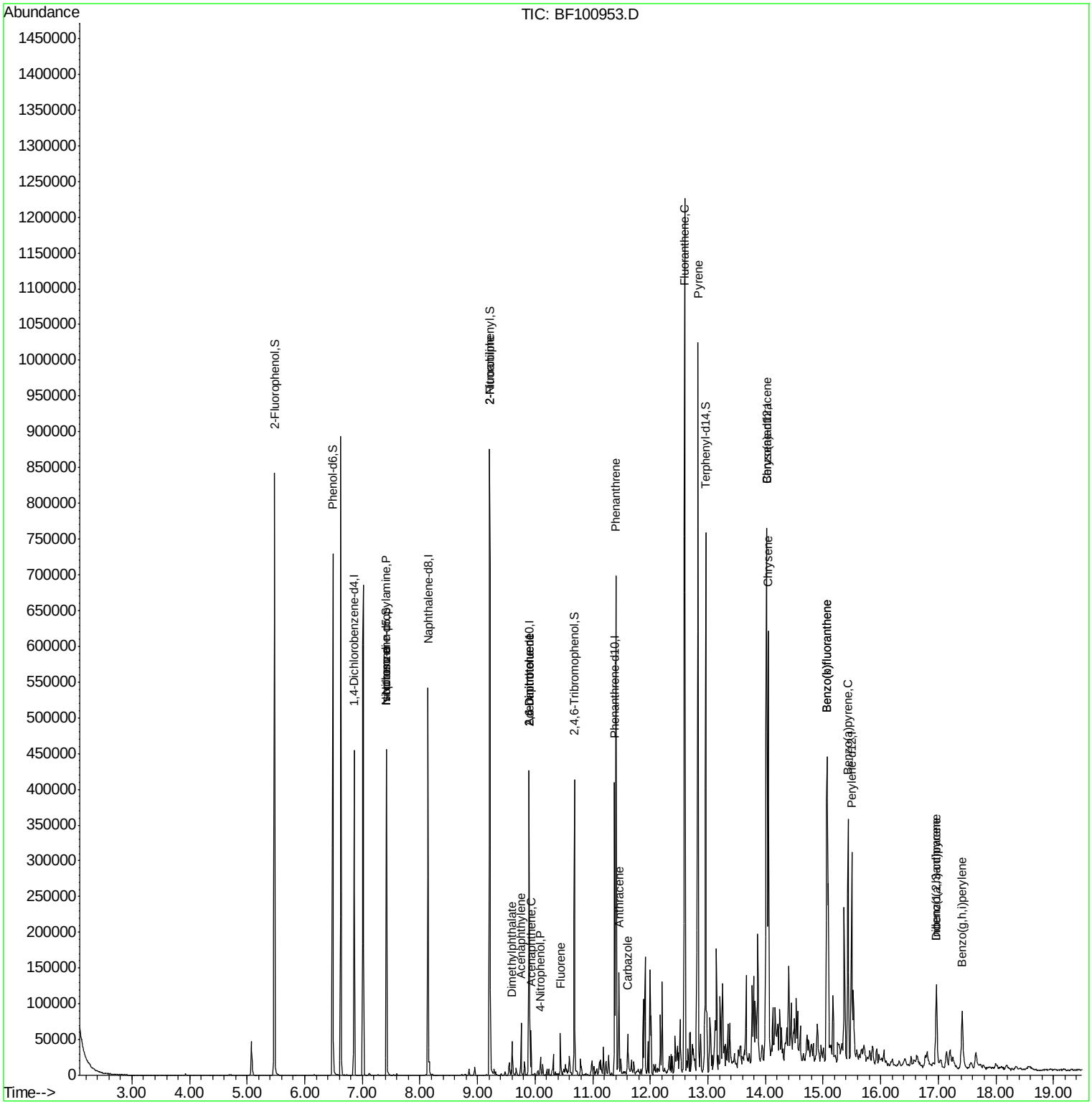
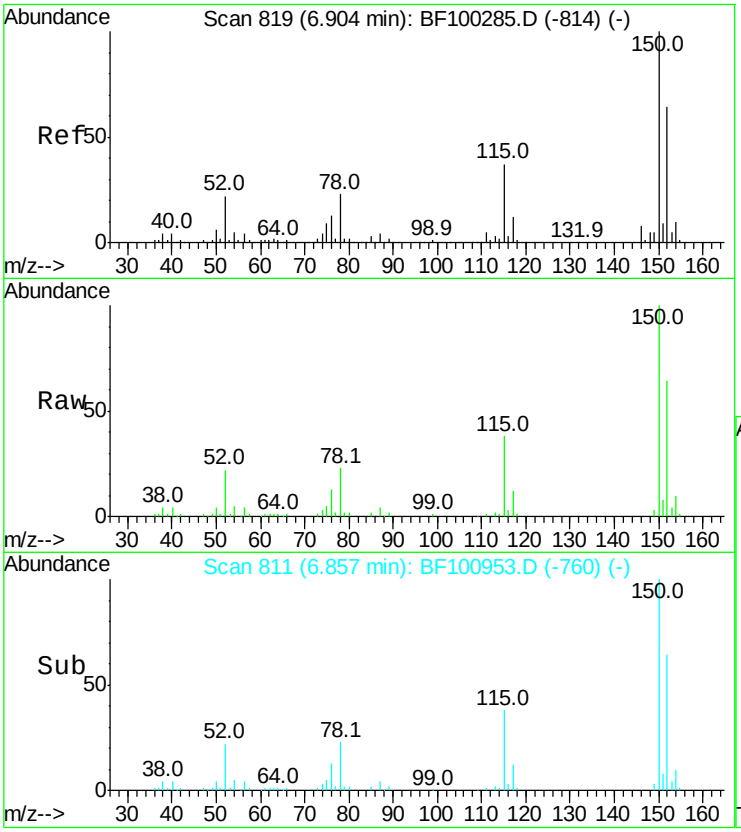


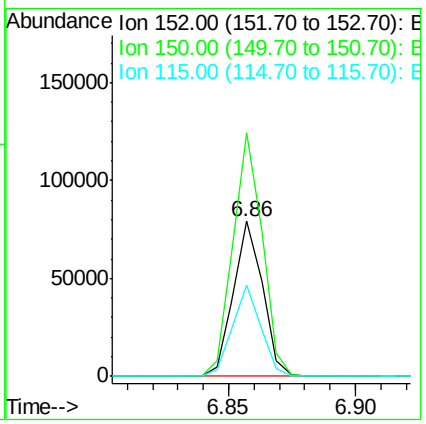


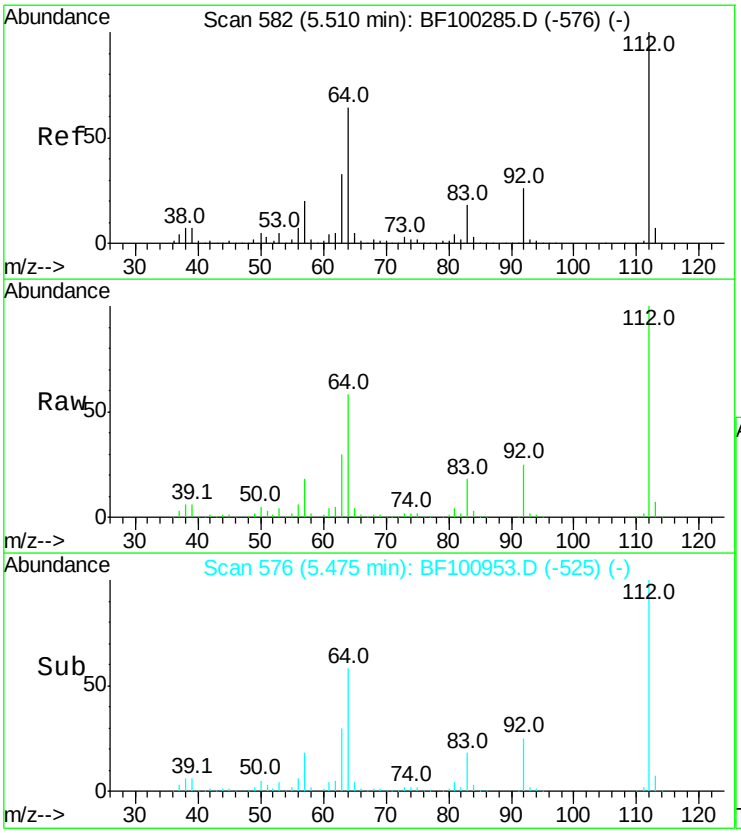
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63162

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.2	50.1	75.1

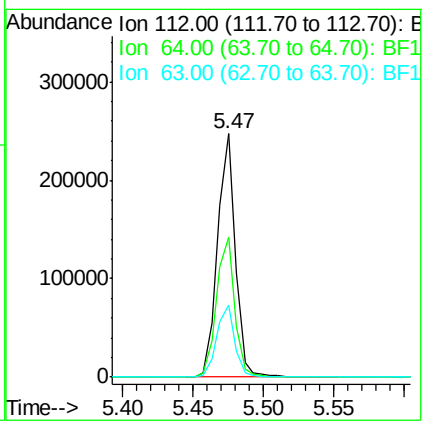


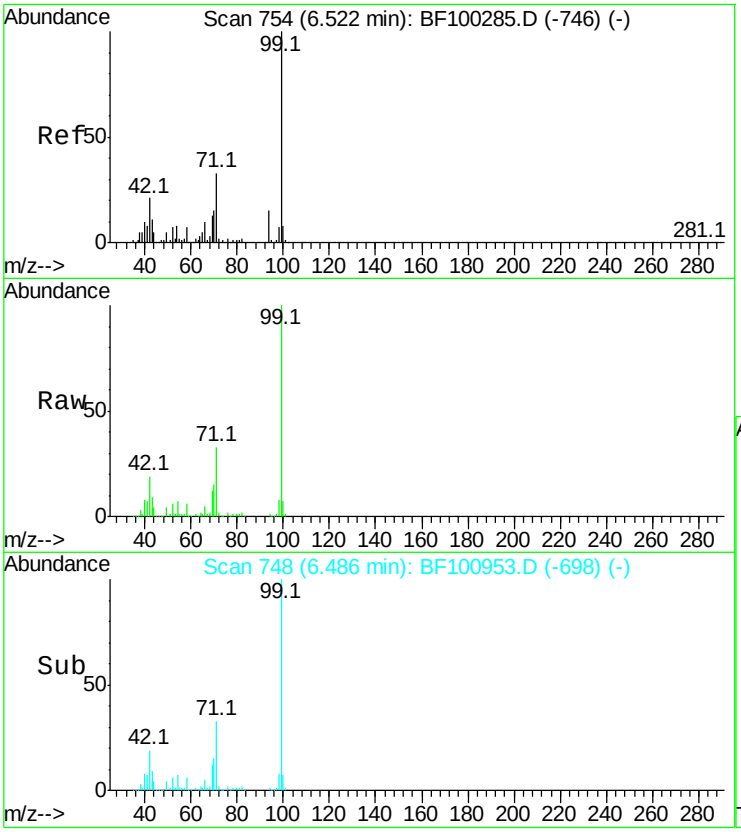


#5
2-Fluorophenol
Concen: 55.236 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:112 Resp: 217645

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.6	23.7	35.5



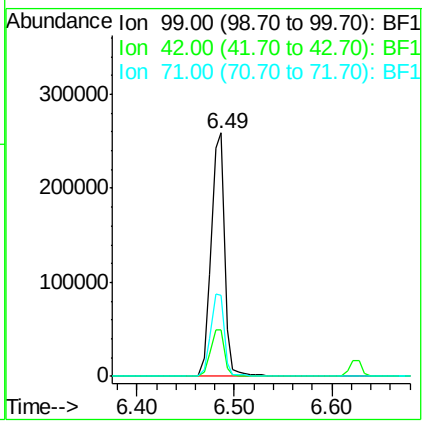


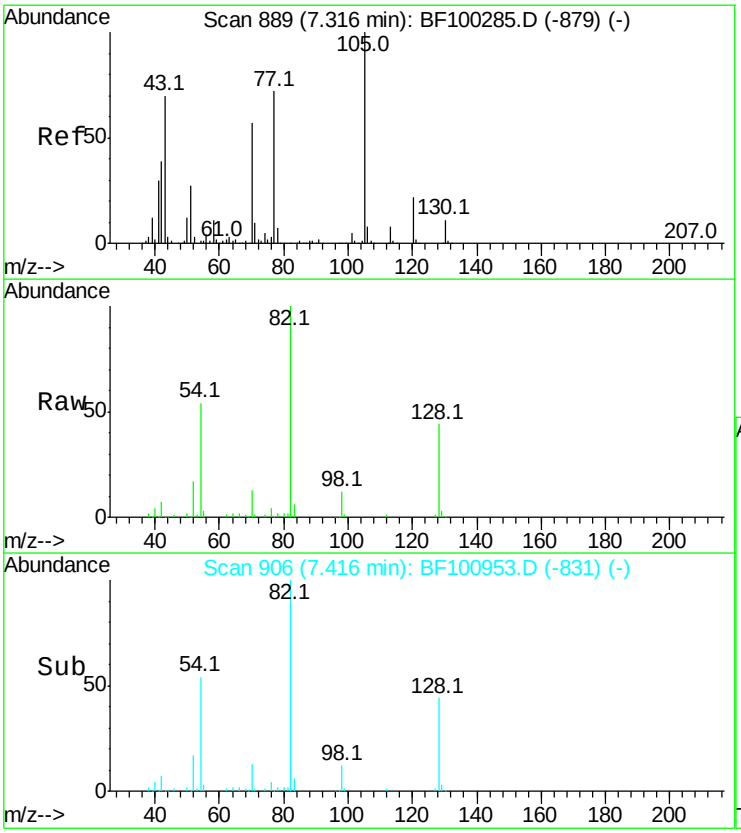
#7
Phenol-d6
Concen: 51.331 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 249409

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.4	25.4	38.0

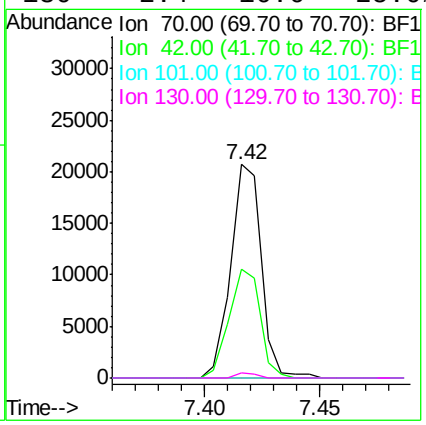


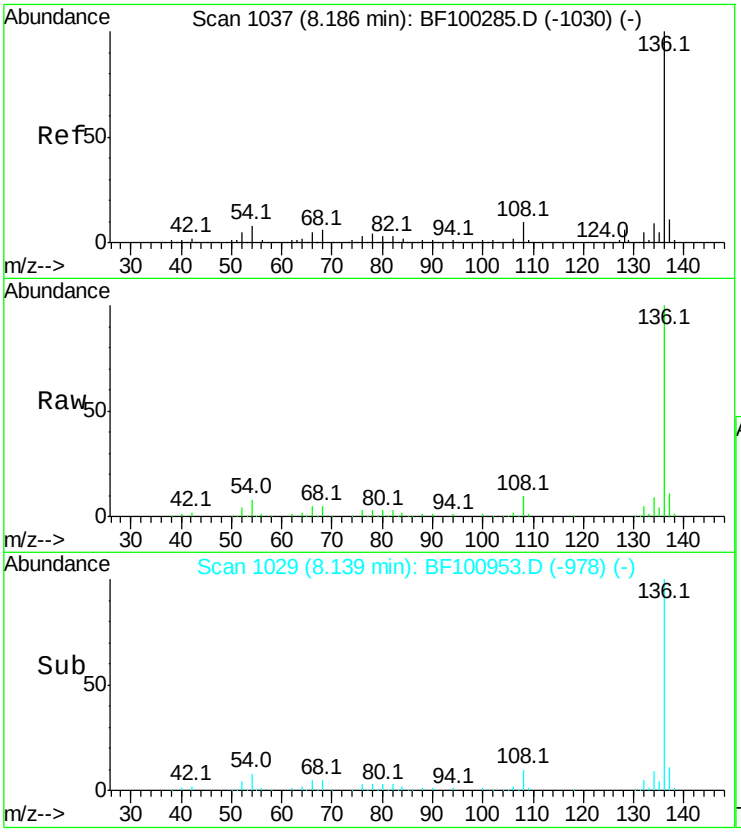


#19
n-Nitroso-di-n-propylamine
Concen: 5.692 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion: 70 Resp: 19180

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



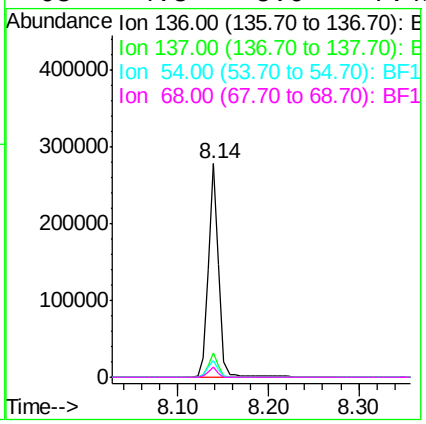


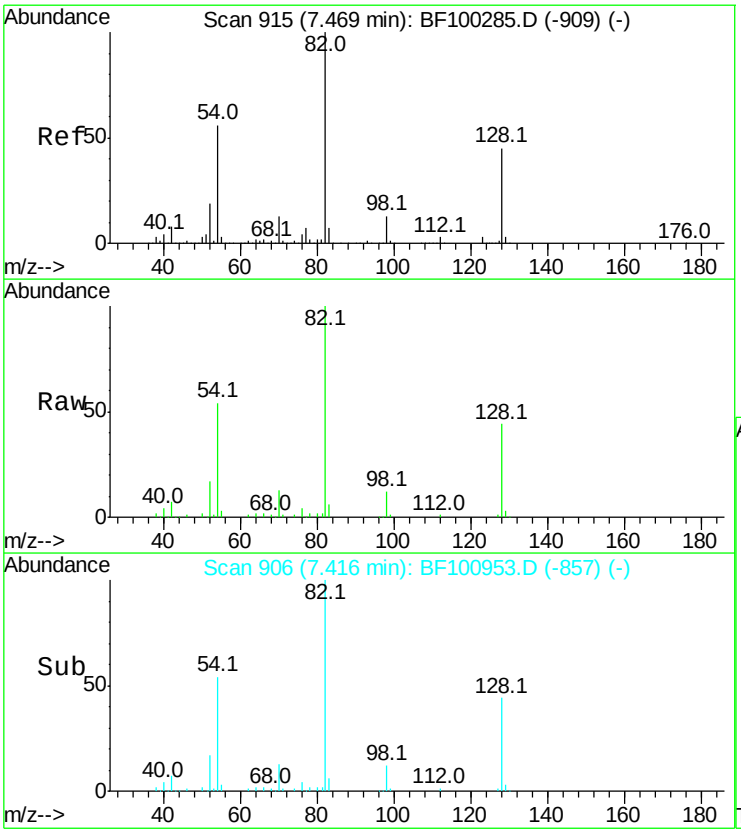
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 224134

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	4.8	5.0	7.4#

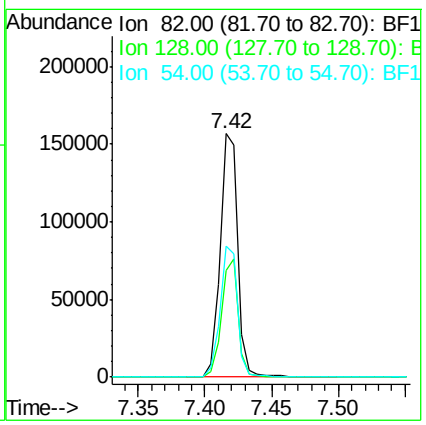


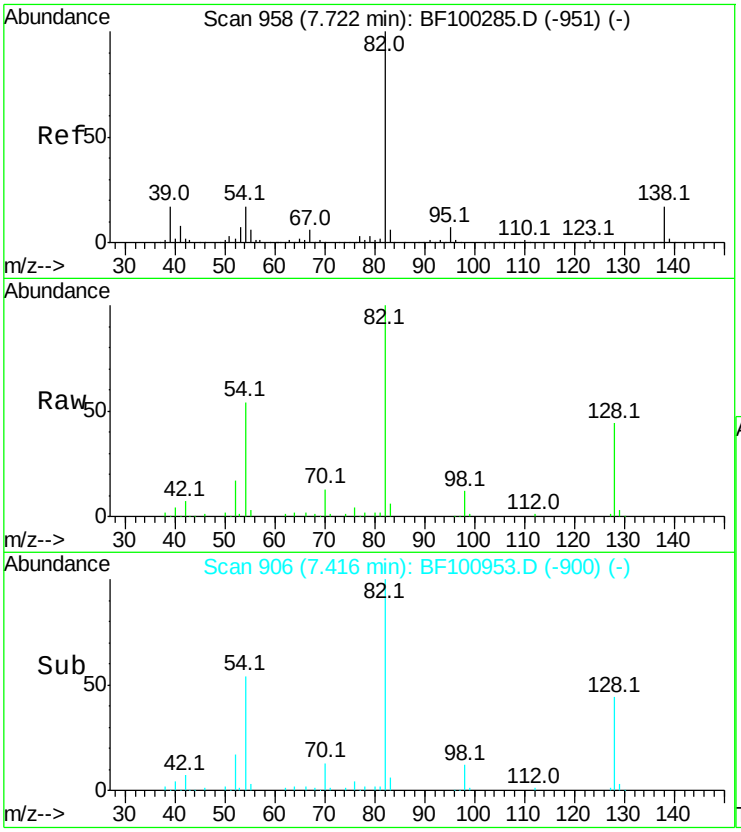


#23
Nitrobenzene-d5
Concen: 43.194 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion: 82 Resp: 146433

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	53.7	41.4	62.2



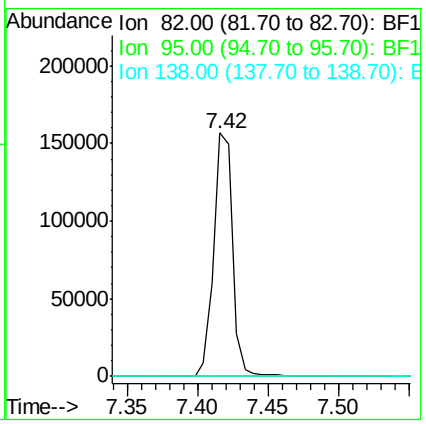


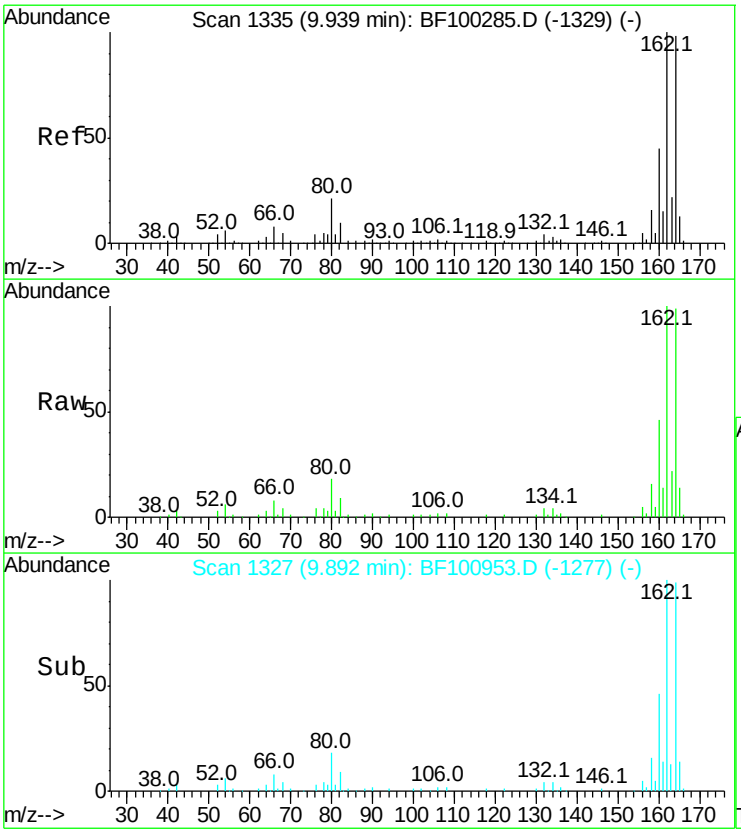
#25
Isophorone
Concen: 20.554 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 146432

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

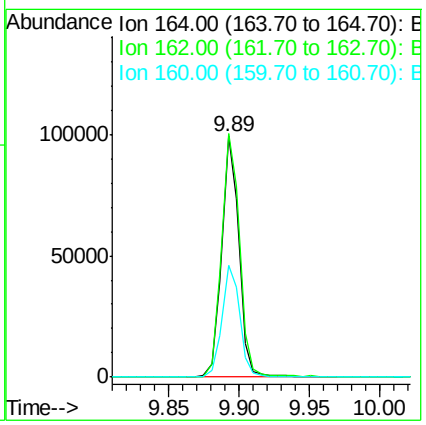


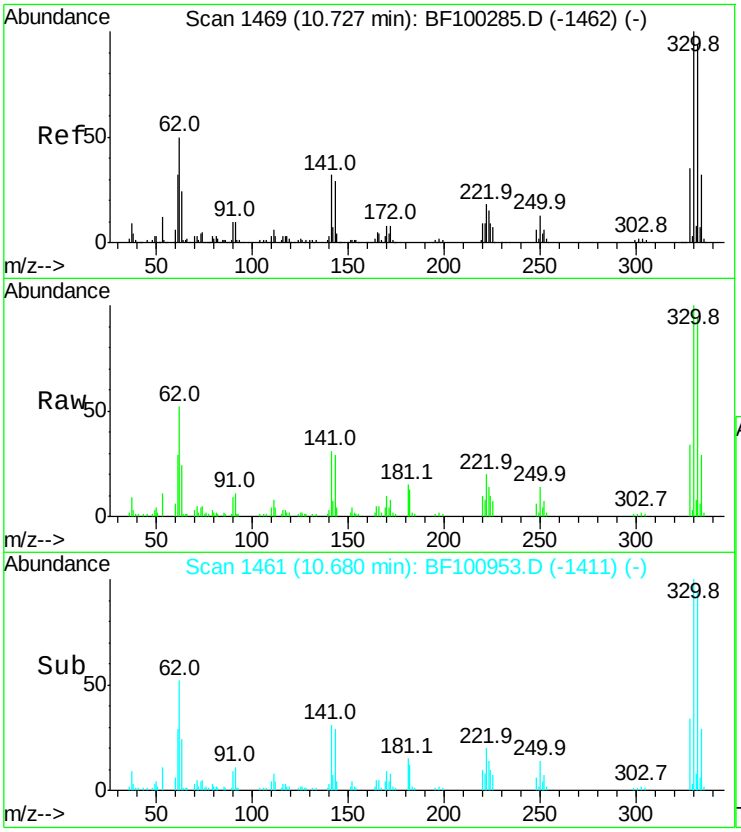


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:164 Resp: 84585

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.6	38.3	57.5



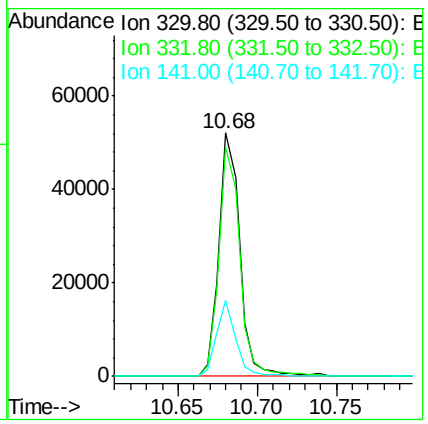


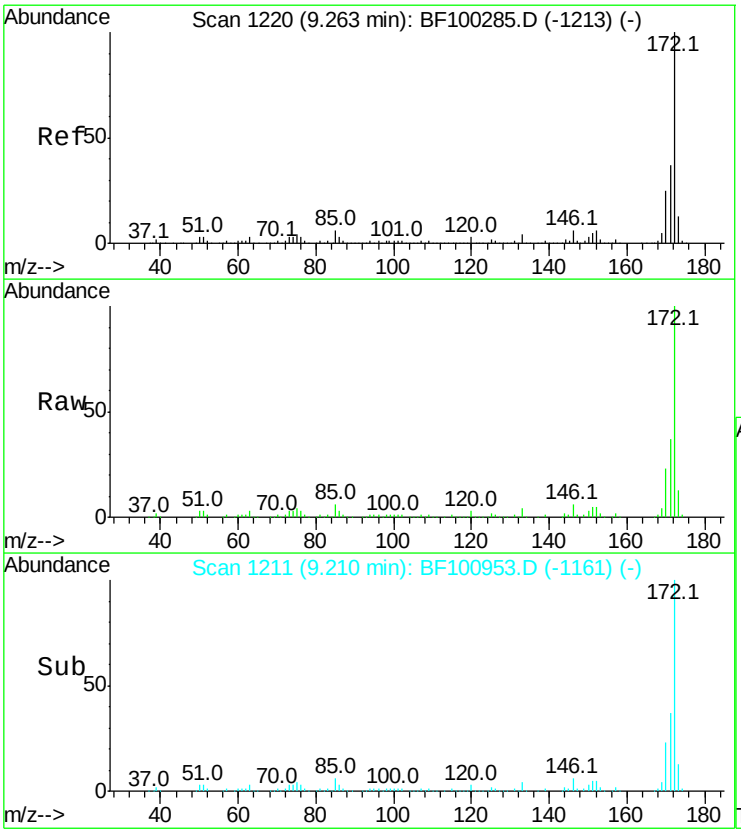
#41
2,4,6-Tribromophenol
Concen: 55.799 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 48094

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	28.7	29.9	44.9#

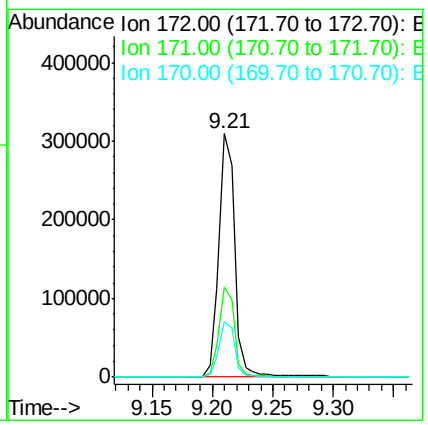


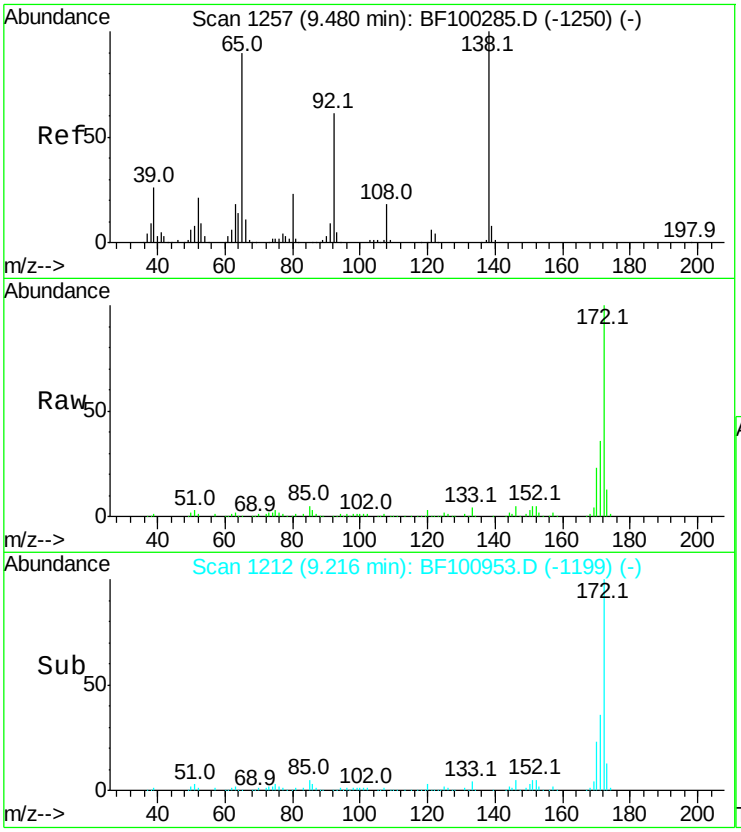


#44
2-Fluorobiphenyl
Concen: 50.897 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:172 Resp: 282729

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	23.0	19.6	29.4



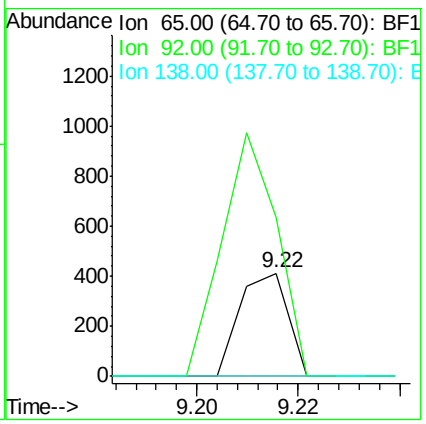


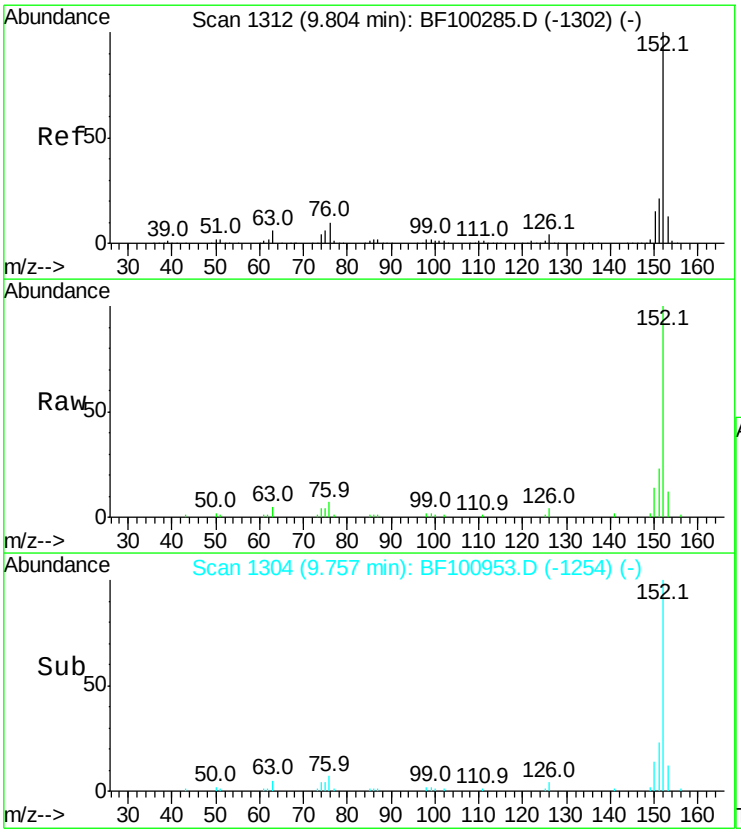
#47
2-Nitroaniline
Concen: 2.947 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 272

Ion	Ratio	Lower	Upper
65	100		
92	154.1	55.8	83.6#
138	0.0	91.2	136.8#

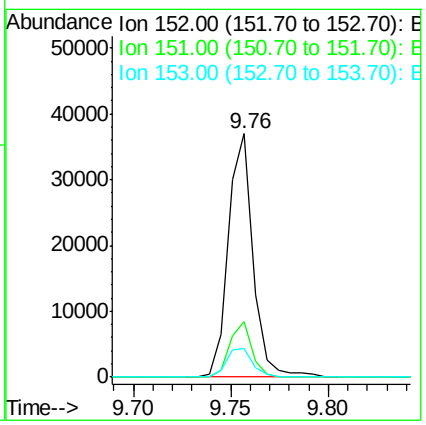


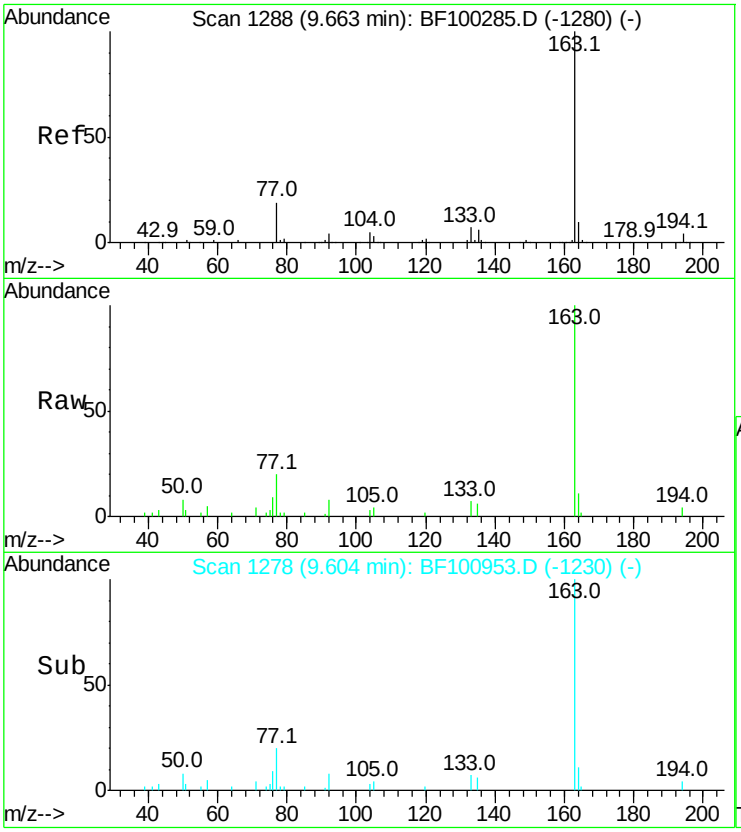


#48
Acenaphthylene
Concen: 3.680 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:152 Resp: 32363

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.3	24.5
153	11.6	10.7	16.1



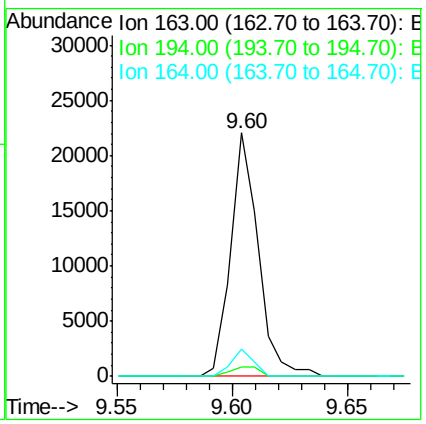


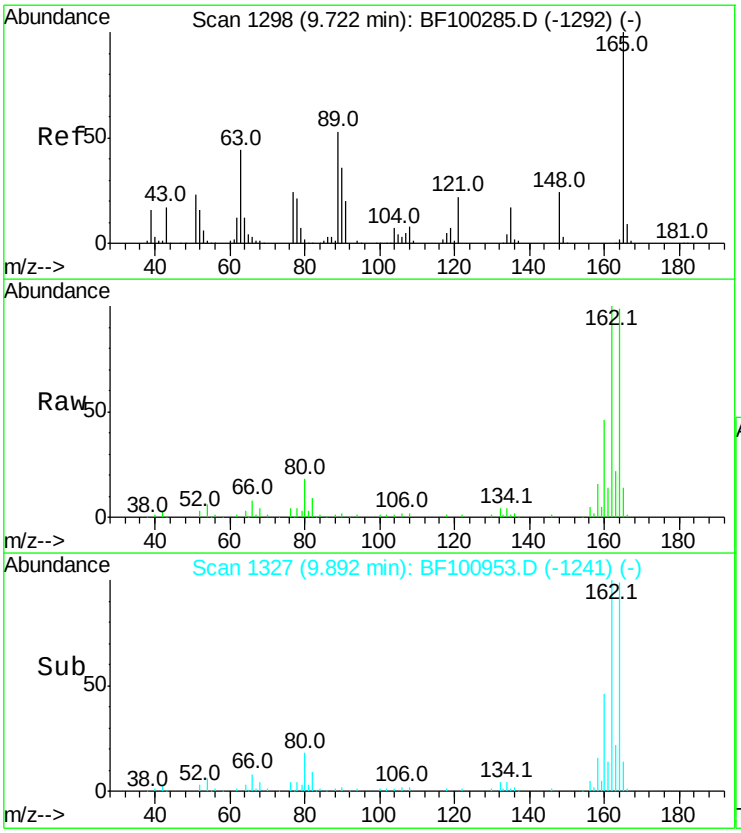
#49
Dimethylphthalate
Concen: 2.855 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 18437

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.1	8.2	12.2

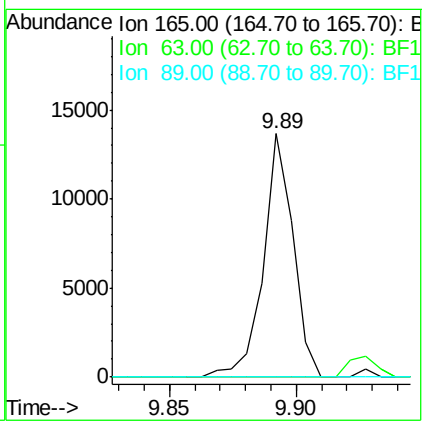


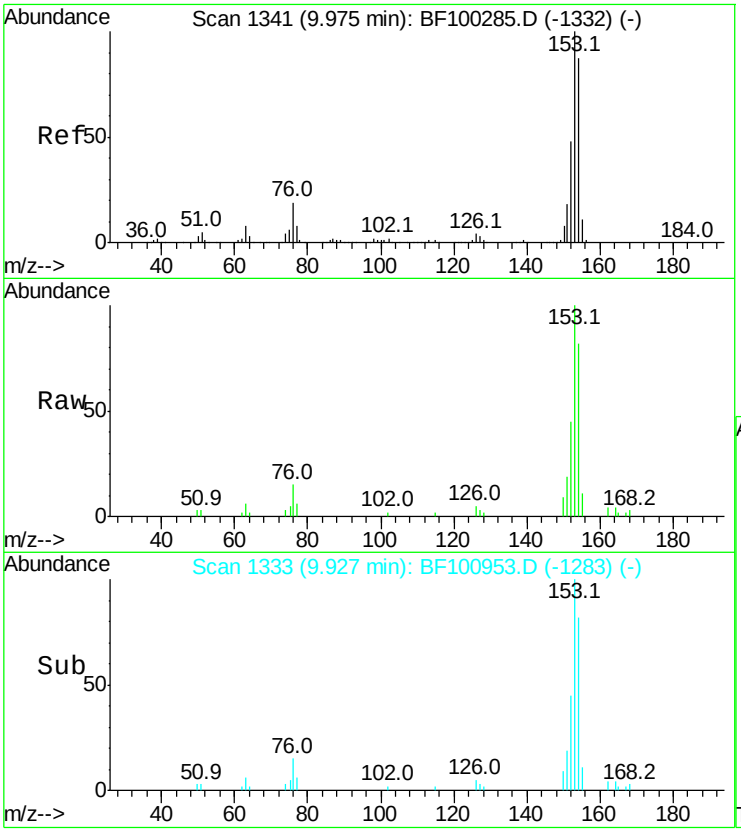


#50
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:165 Resp: 11236

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



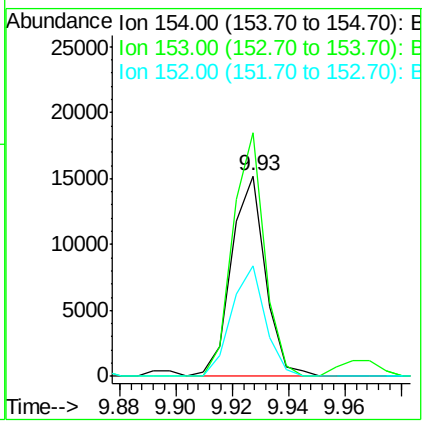


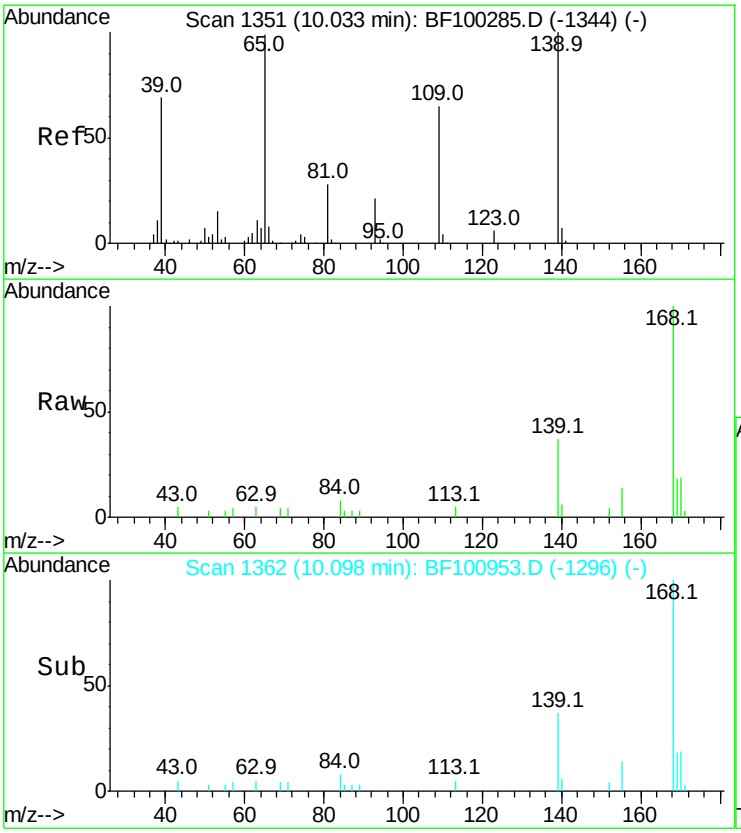
#51
Acenaphthene
Concen: 2.367 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 12662

Ion	Ratio	Lower	Upper
154	100		
153	121.5	91.2	136.8
152	54.8	43.8	65.8

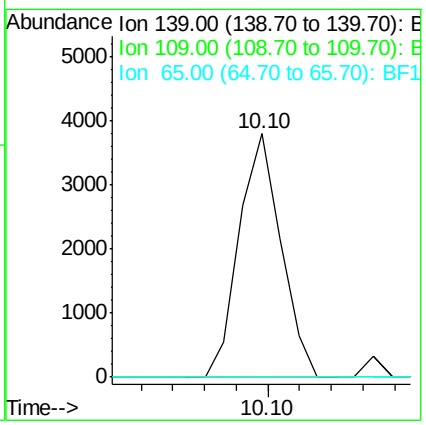


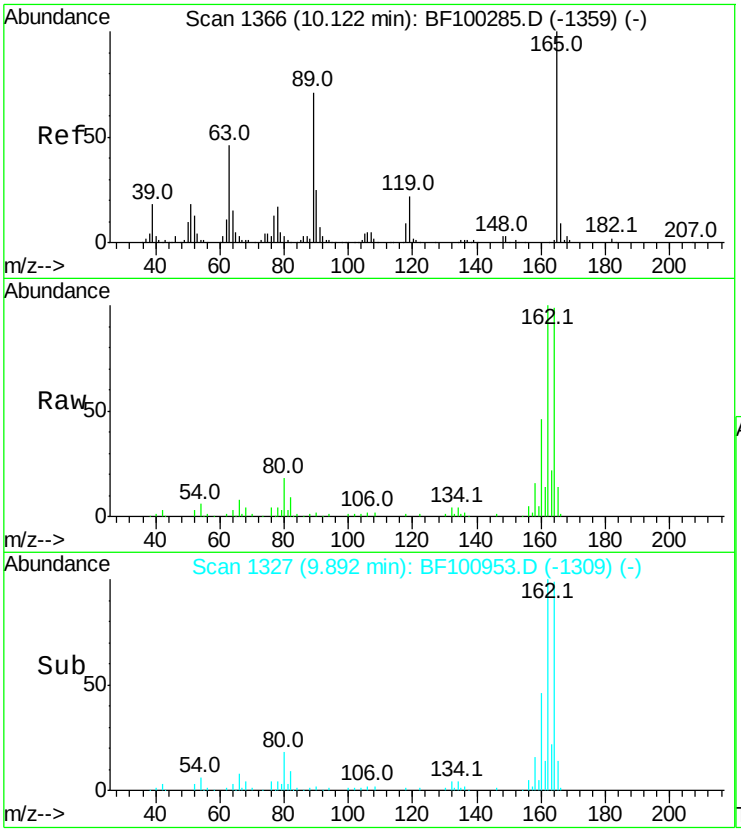


#55
4-Nitrophenol
Concen: 2.837 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:139 Resp: 3478

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



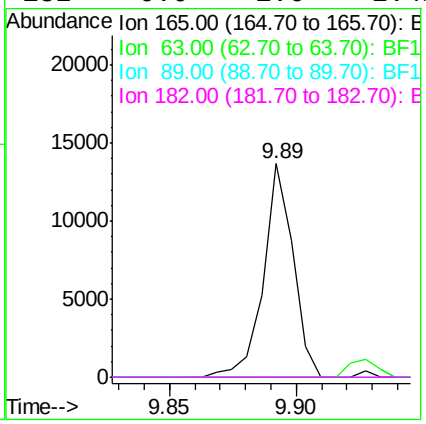


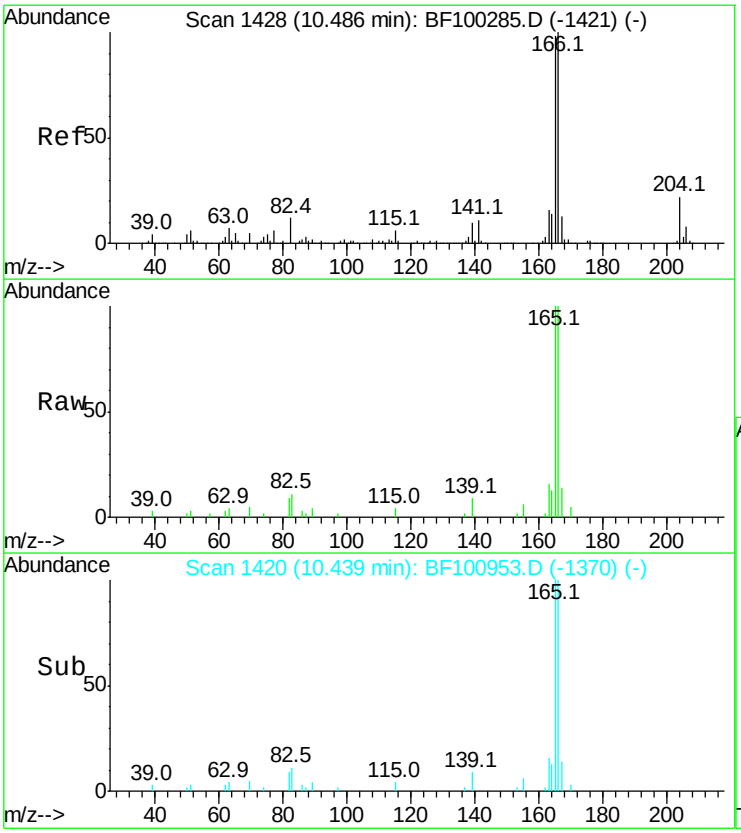
#56
2,4-Dinitrotoluene
Concen: 6.967 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11236

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#

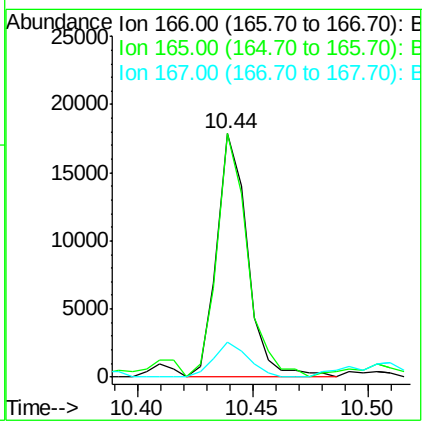


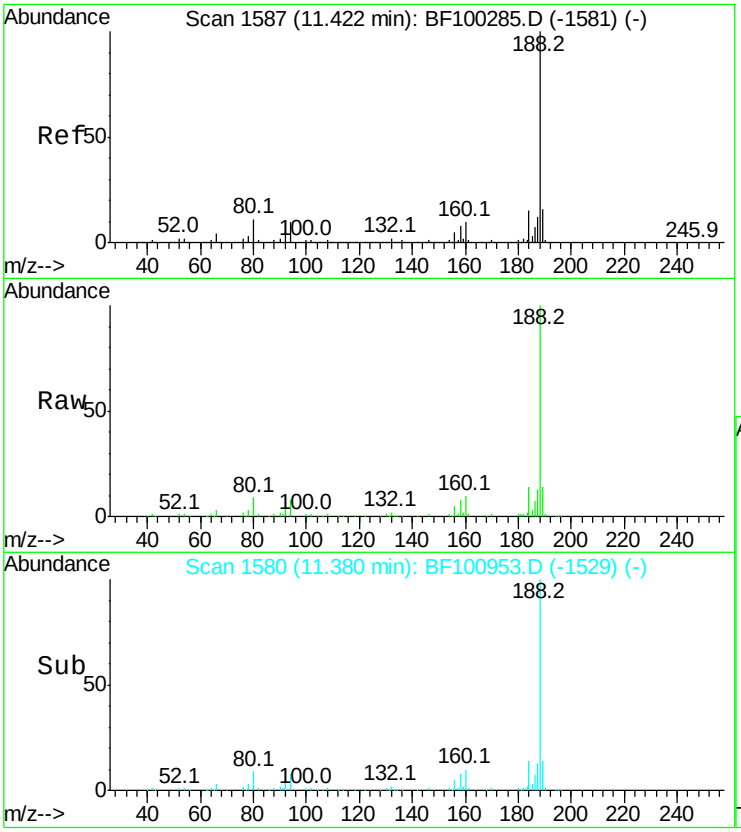


#57
Fluorene
Concen: 3.010 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:166 Resp: 16534

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	14.4	10.6	16.0



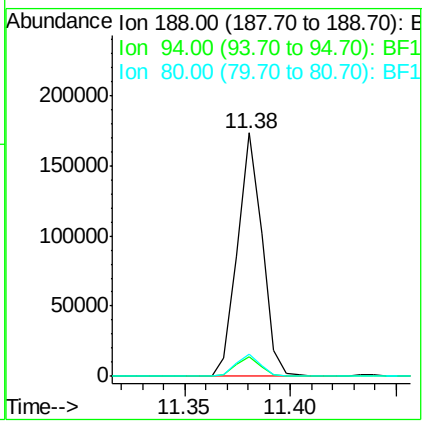


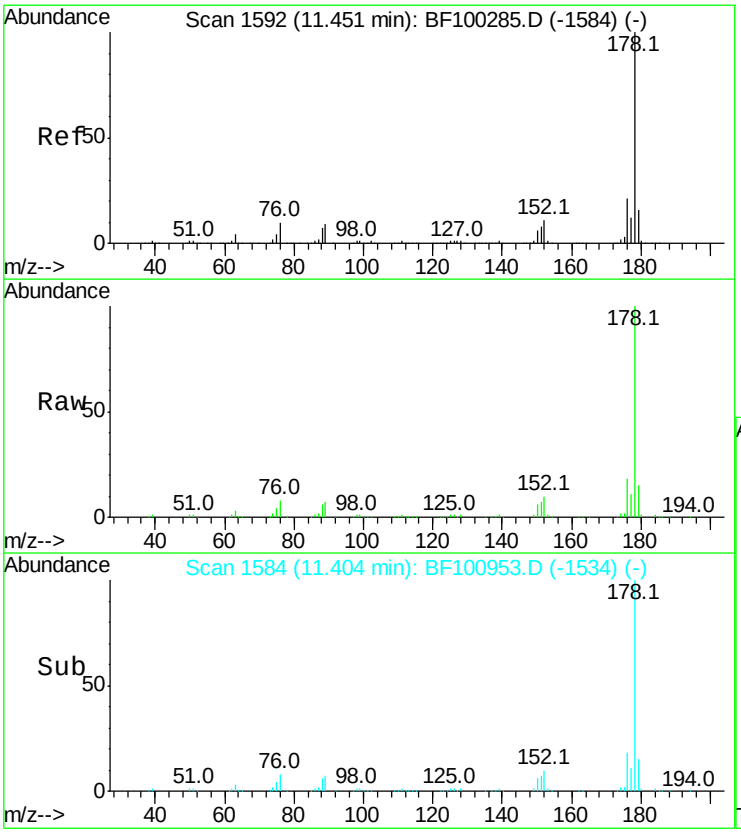
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 140367

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.9	9.2	13.8#

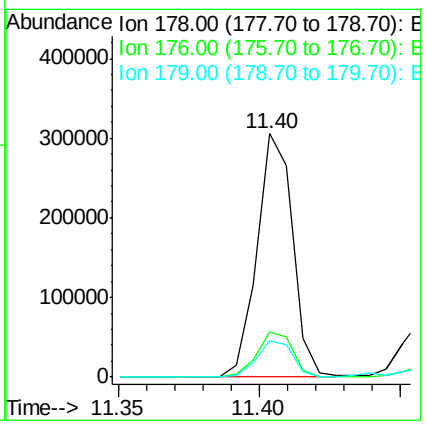


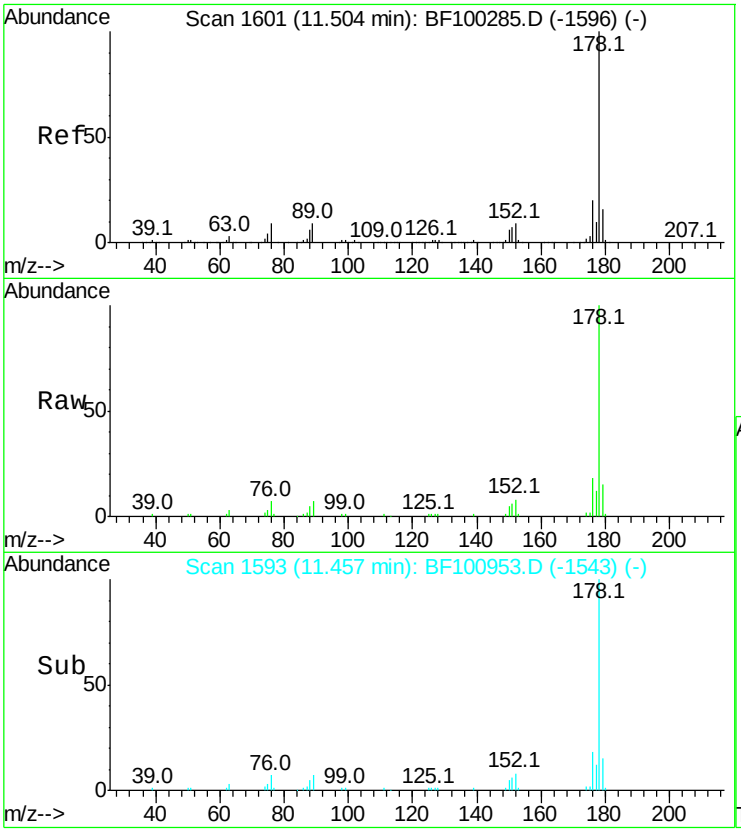


#70
Phenanthrene
Concen: 36.198 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:178 Resp: 267520

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.1	13.0	19.6



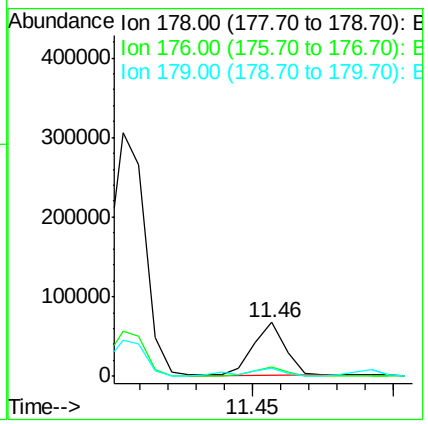


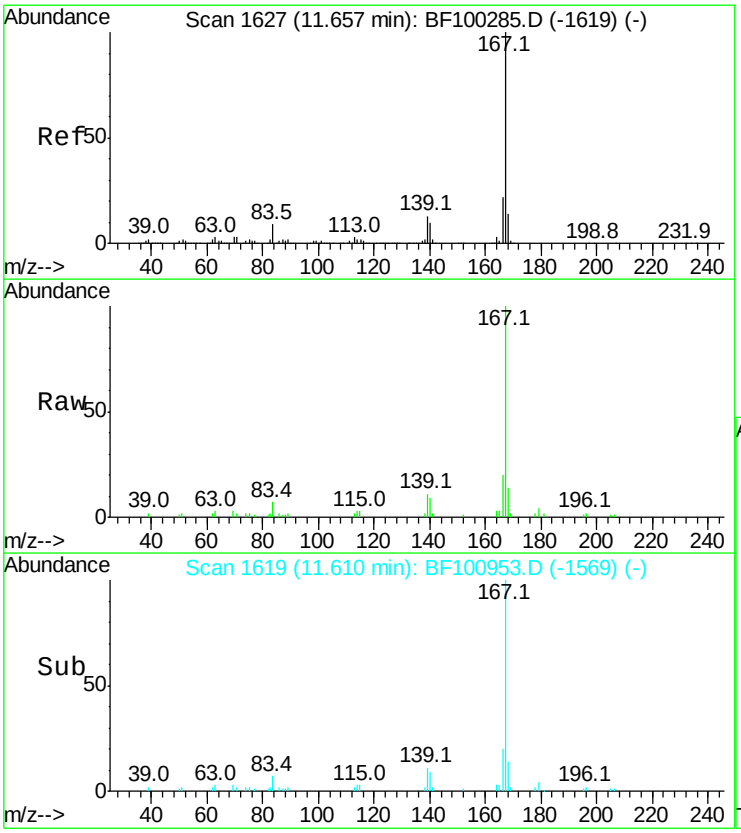
#71
Anthracene
Concen: 7.033 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52731

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0

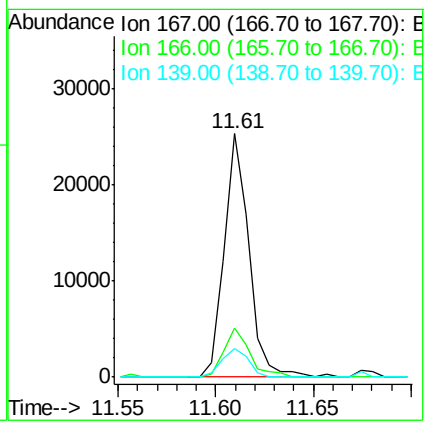


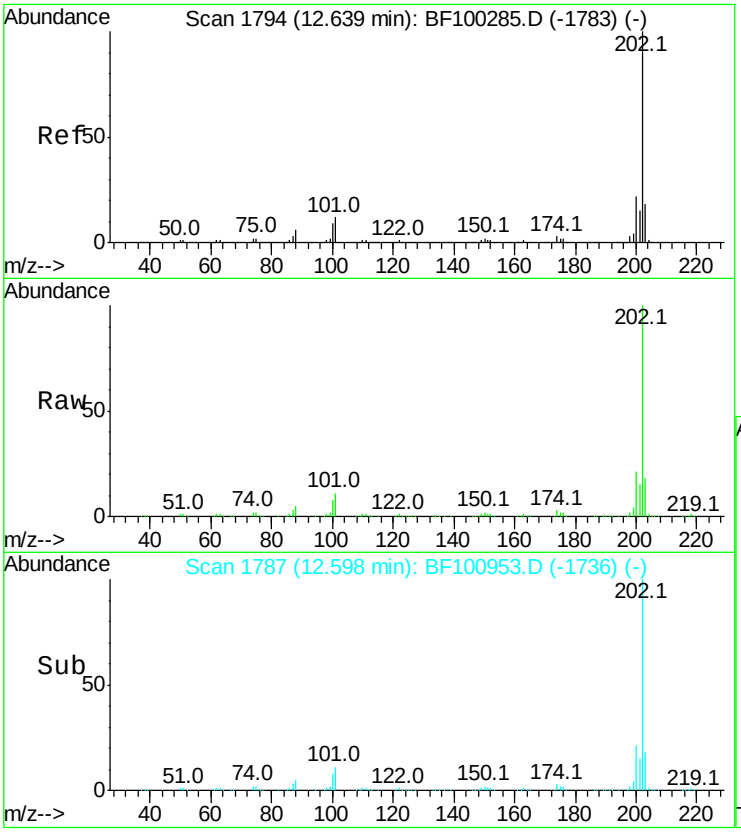


#72
Carbazole
Concen: 3.212 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:167 Resp: 22224

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.6	26.4
139	11.5	10.9	16.3



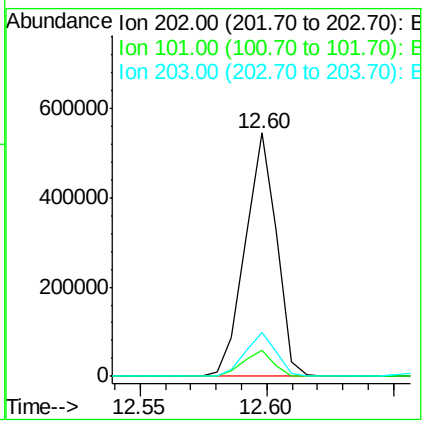


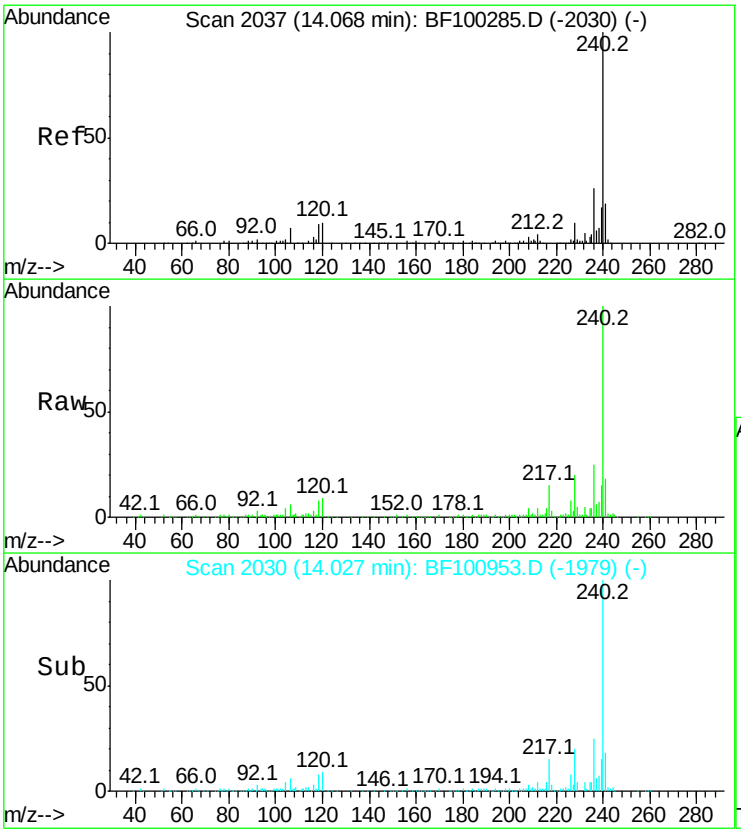
#74
Fluoranthene
Concen: 59.929 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 469394

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.9	0.0	38.1

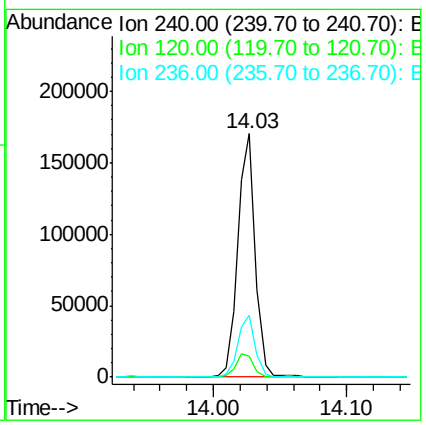


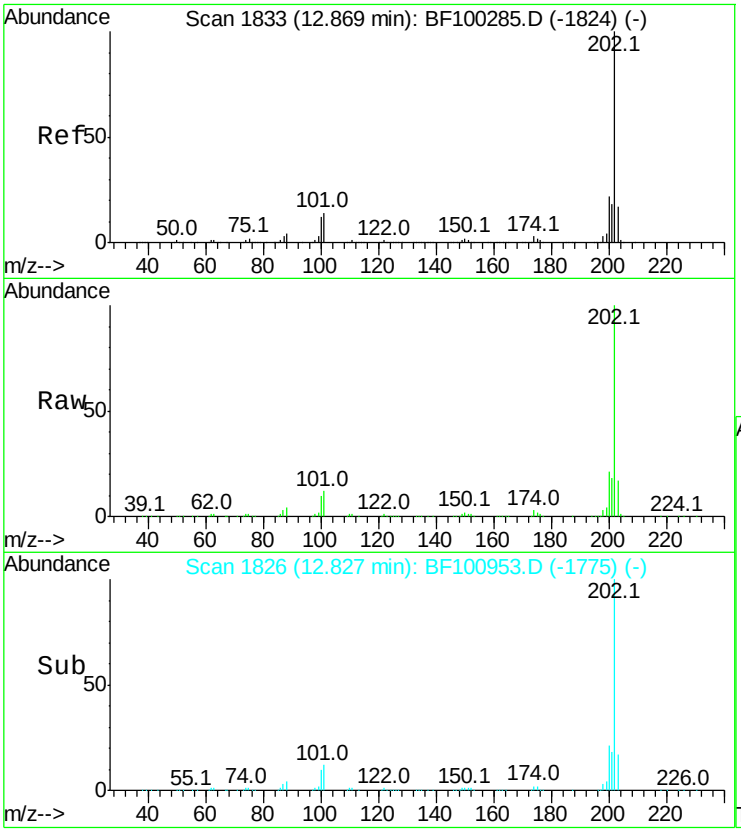


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:240 Resp: 154094

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.5	20.7	31.1



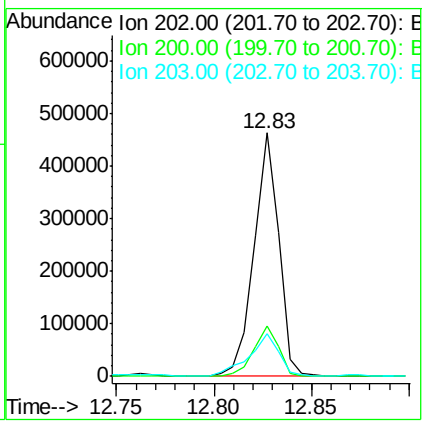


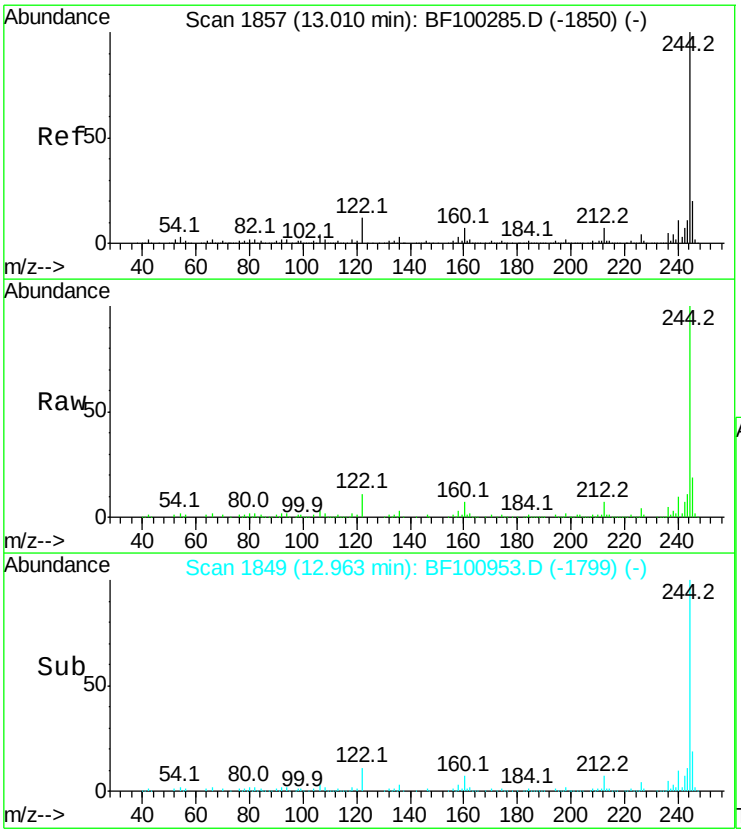
#77
Pyrene
Concen: 37.000 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 406424

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.3	14.3	21.5

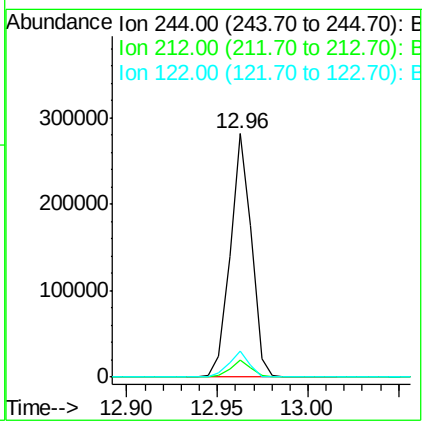


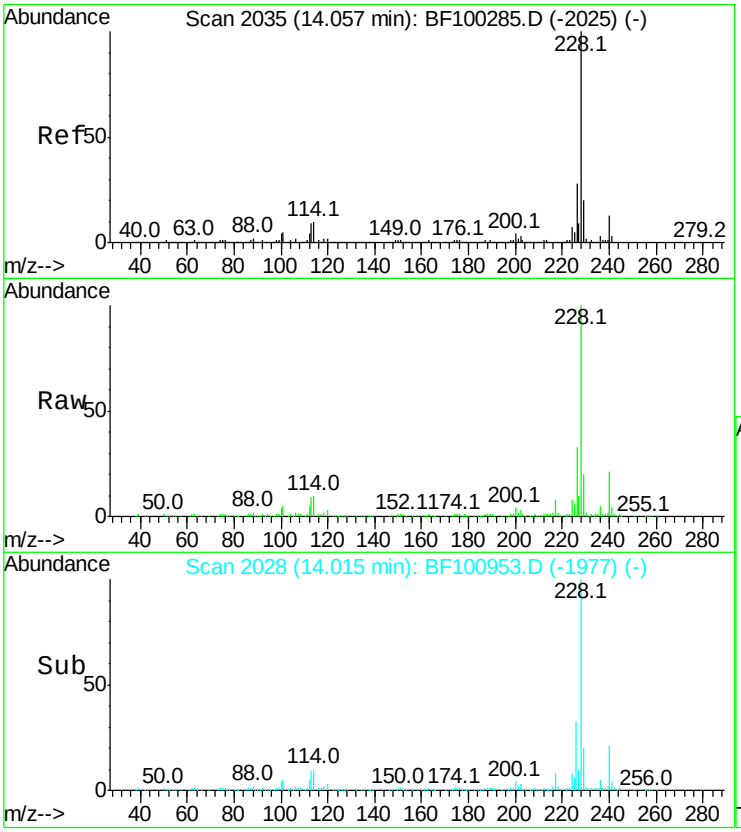


#78
Terphenyl-d14
Concen: 34.086 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:244 Resp: 228596

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.5	11.0	16.4#



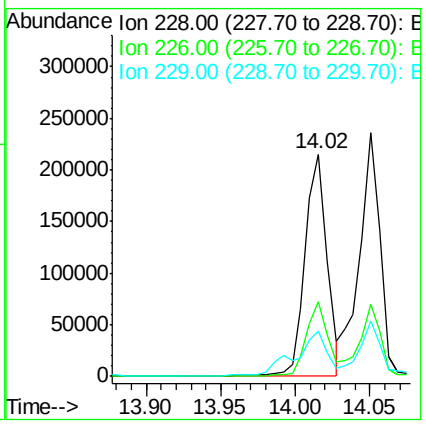


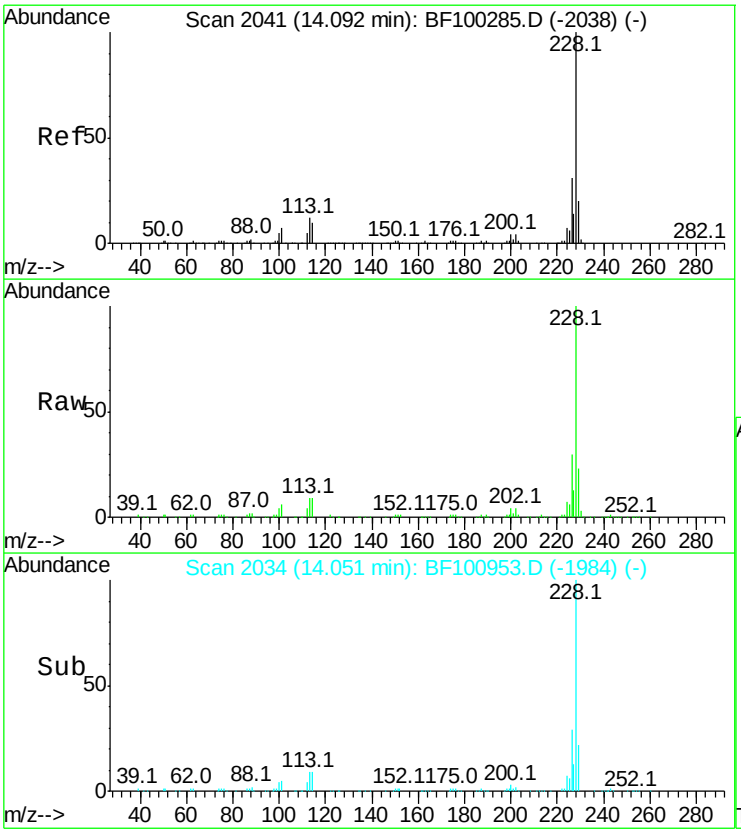
#80
Benzo(a)anthracene
Concen: 23.762 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 220501

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	20.3	15.8	23.6

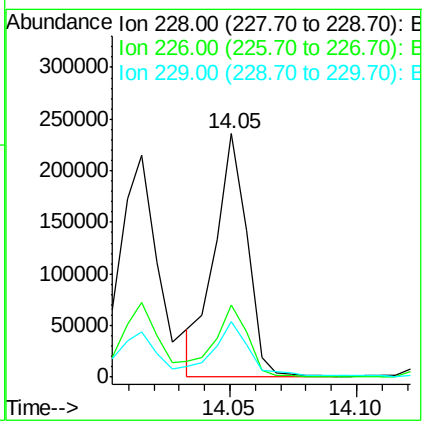


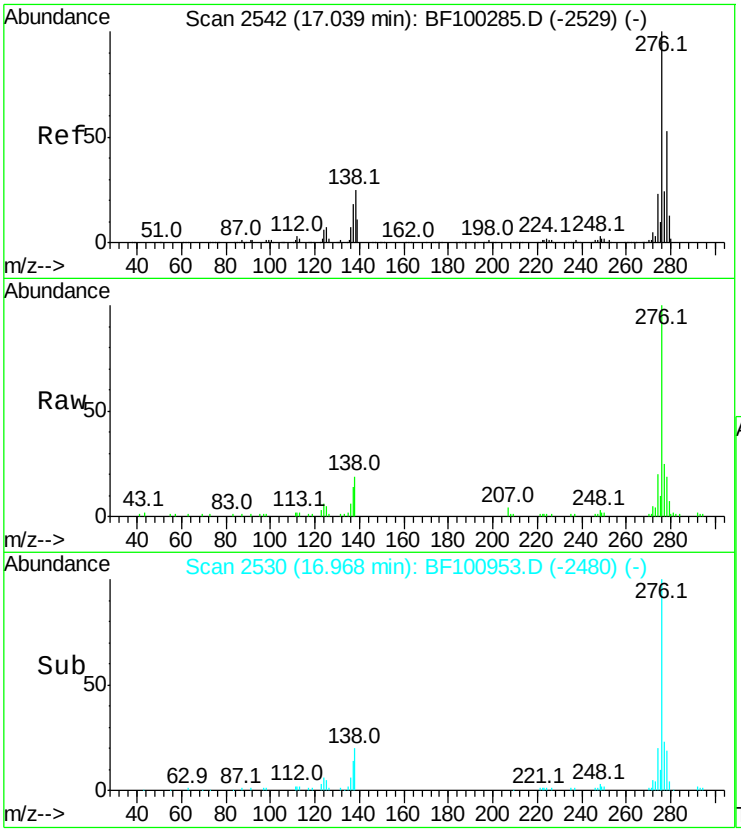


#82
Chrysene
Concen: 23.359 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:228 Resp: 209901

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.6	16.2	24.4



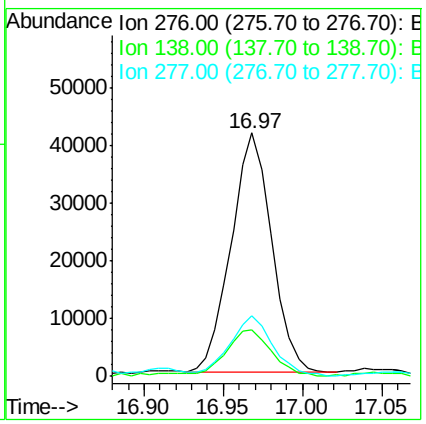


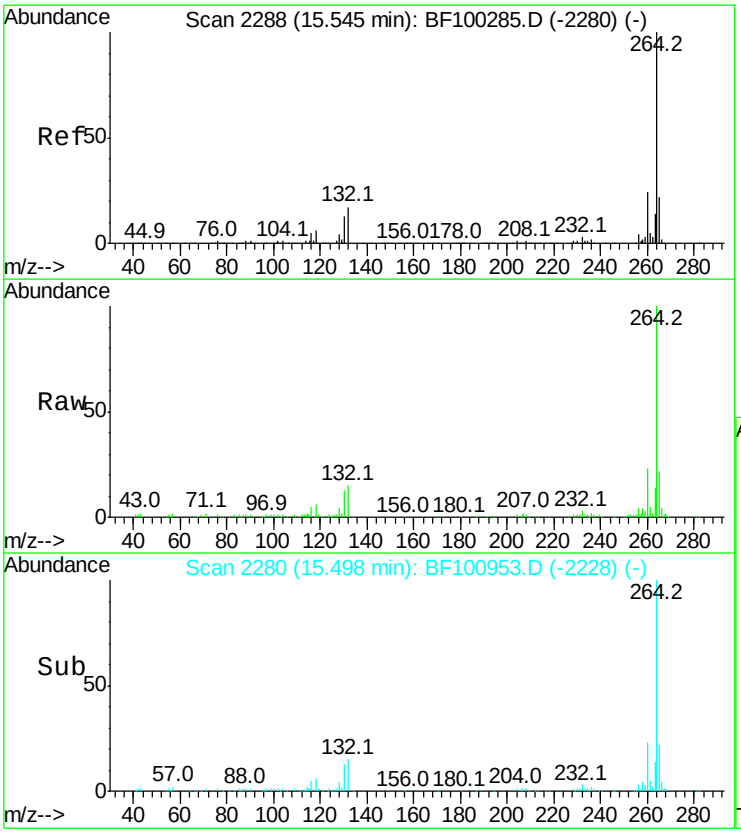
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.188 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 74049

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	26.5	20.1	30.1

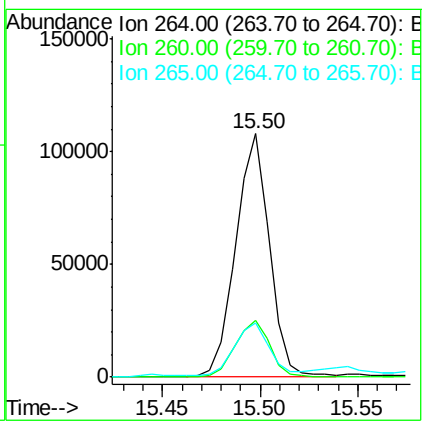


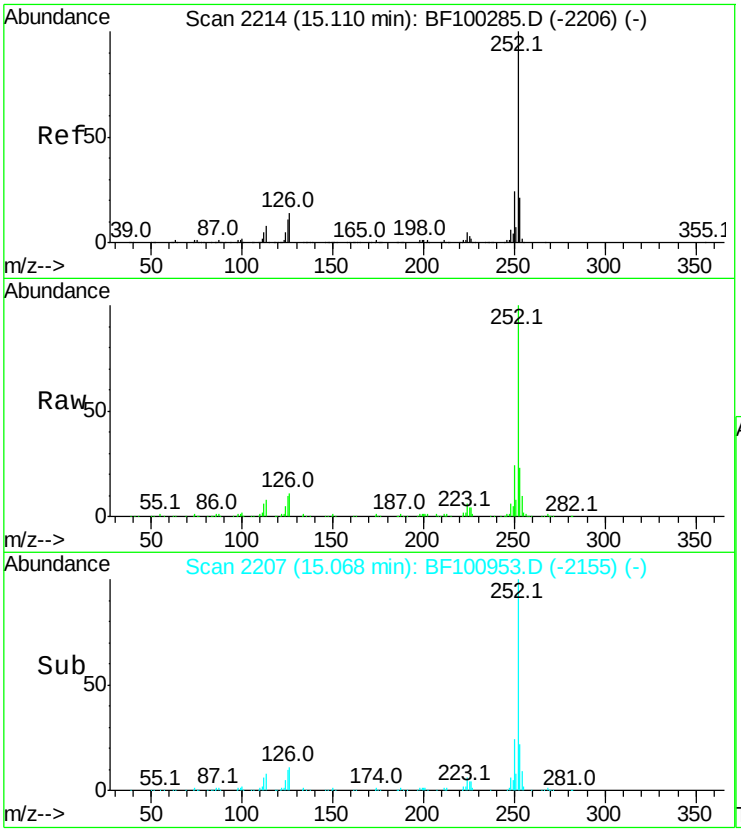


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:264 Resp: 129393

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3



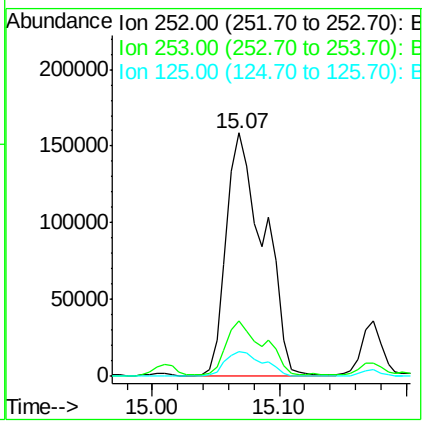


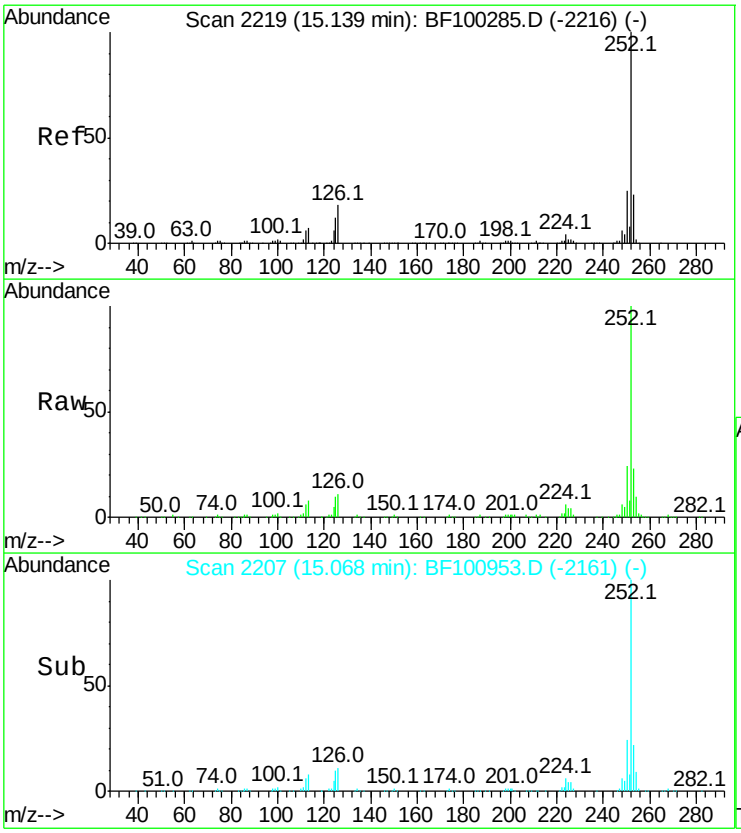
#87
Benzo(b)fluoranthene
Concen: 42.500 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 325799

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.3	9.0	13.6

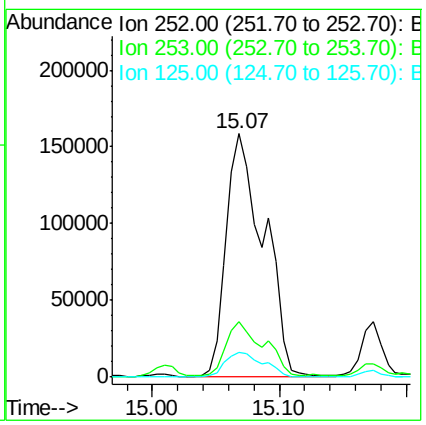


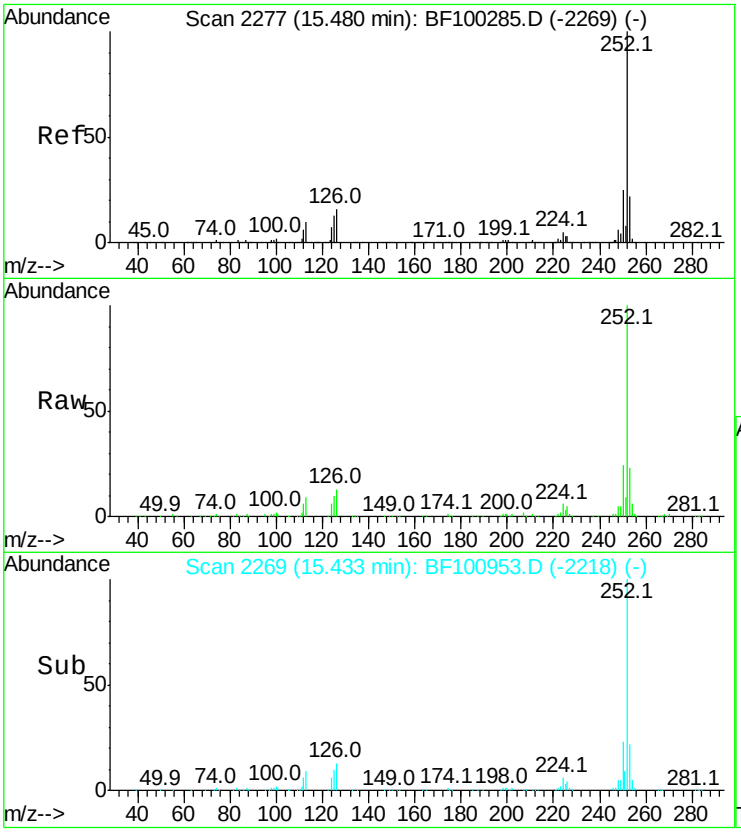


#88
Benzo(k)fluoranthene
Concen: 44.980 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:252 Resp: 325799

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.3	10.2	15.2



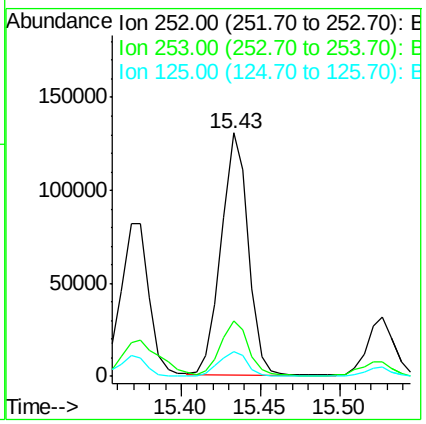


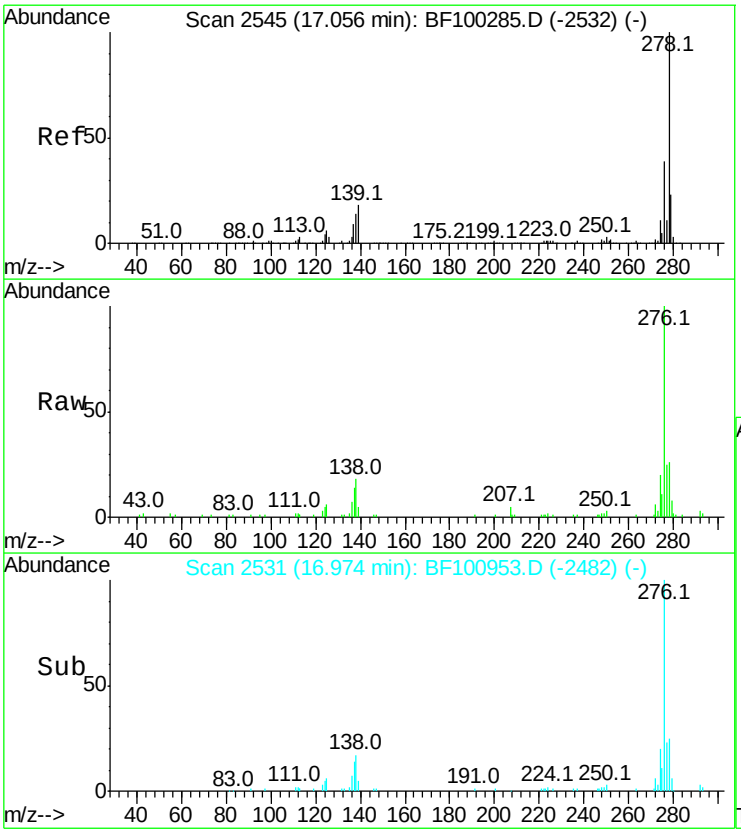
#89
Benzo(a)pyrene
Concen: 22.719 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 154396

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.3	9.8	14.6

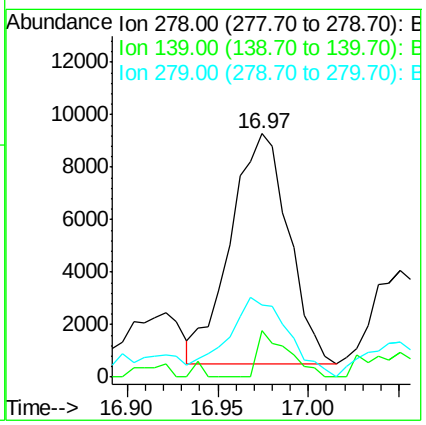


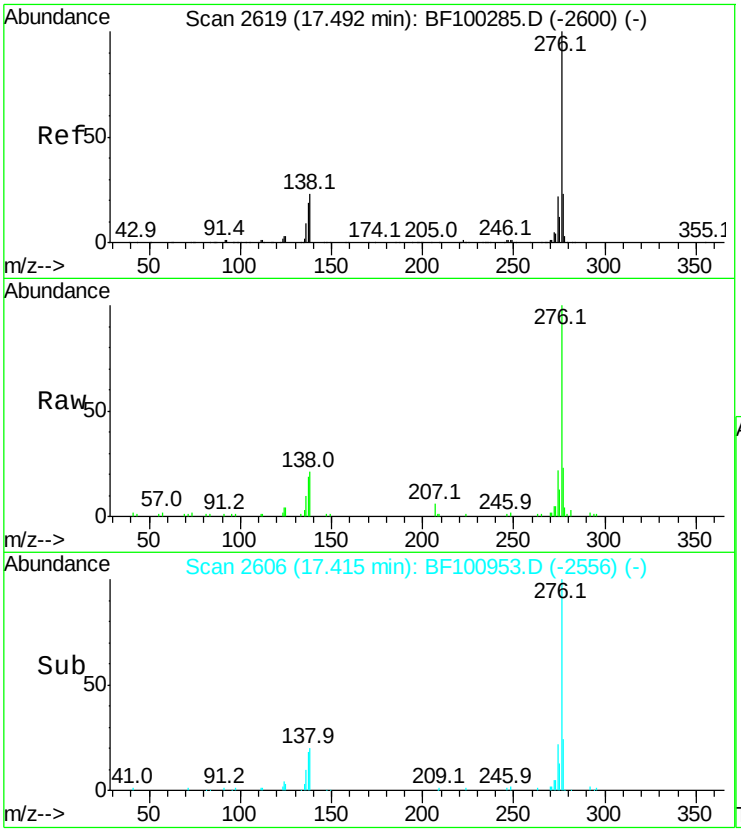


#90
Dibenzo(a,h)anthracene
Concen: 3.529 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:278 Resp: 19613

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.9	23.9
279	29.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.531 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 68173

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.9	21.8	32.8#