Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098522.D
Acq On : 14 Sep 2017 11:58
Operator : SJ/JU
Sample : I5208-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-ADL

Quant Time: Sep 14 15:41:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	150451	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	619674	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	271512	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	455014	20.00	ng		0.00
75) Chrysene-d12	13.80	240	300681	20.00	ng		0.00
86) Perylene-d12	15.19	264	344939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	100509	9.88	ng		0.00
7) Phenol-d6	6.30	99	128161	9.92	ng		0.00
23) Nitrobenzene-d5	7.21	82	73889	6.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	20336	11.22	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	137123	8.56	ng		-0.01
78) Terphenyl-d14	12.74	244	90604	6.50	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.21	82	73888	3.285	ng	#	67
31) Naphthalene	7.95	128	455417	14.866	ng		99
32) Benzoic acid	7.75	122	2260	8.258	ng	#	33
33) 4-Chloroaniline	7.95	127	58843	4.726	ng	#	32
37) 2-Methylnaphthalene	8.65	142	186359	10.043	ng		99
48) Acenaphthylene	9.54	152	161297	6.250	ng		98
50) 2,6-Dinitrotoluene	9.68	165	41219	9.548	ng	#	34
51) Acenaphthene	9.71	154	75323	4.592	ng		96
54) Dibenzofuran	9.89	168	163238	7.554	ng		100
55) 4-Nitrophenol	9.89	139	63210	21.111	ng	#	27
57) Fluorene	10.23	166	304896	17.046	ng		98
70) Phenanthrene	11.19	178	1426580	59.141	ng		99
71) Anthracene	11.24	178	340664	13.755	ng		97
72) Carbazole	11.40	167	137063	5.938	ng		97
74) Fluoranthene	12.37	202	955806	39.582	ng		99
77) Pyrene	12.60	202	826362	34.839	ng		99
80) Benzo(a)anthracene	13.79	228	349794	19.843	ng		95
82) Chrysene	13.79	228	349794	19.630	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	152247	12.178	ng		94
87) Benzo(b)fluoranthene	14.80	252	503834	23.230	ng	#	98
88) Benzo(k)fluoranthene	14.80	252	503834	24.883	ng		98
89) Benzo(a)pyrene	15.14	252	293868	15.209	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	34648	2.465	ng		98
91) Benzo(g,h,i)perylene	16.93	276	139546	9.871	ng		98

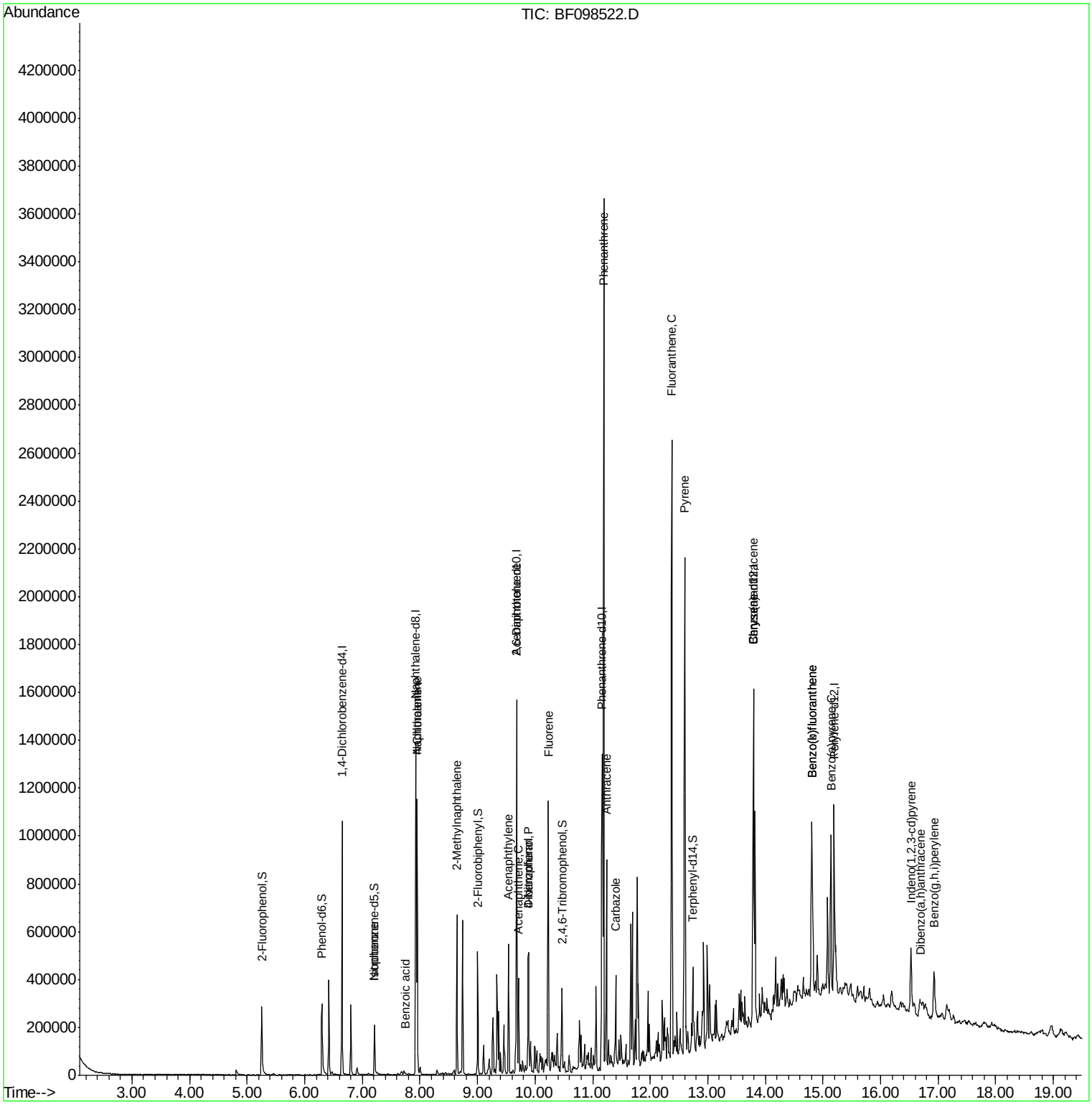
(#) = qualifier out of range (m) = manual integration (+) = signals summed

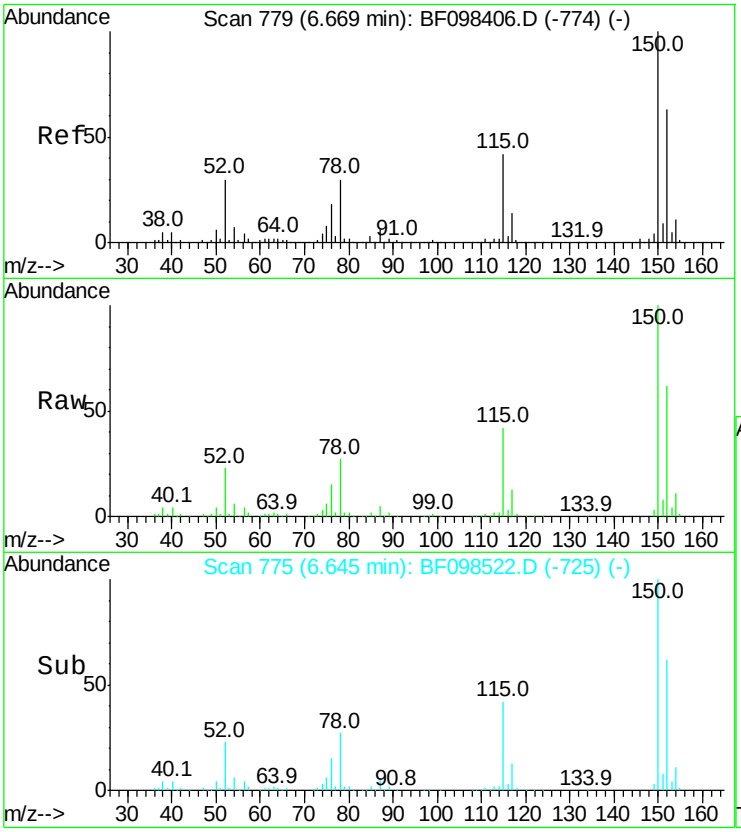
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098522.D
Acq On : 14 Sep 2017 11:58
Operator : SJ/JU
Sample : I5208-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Quant Time: Sep 14 15:41:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration



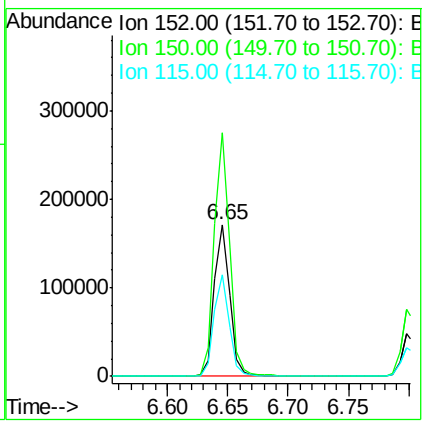


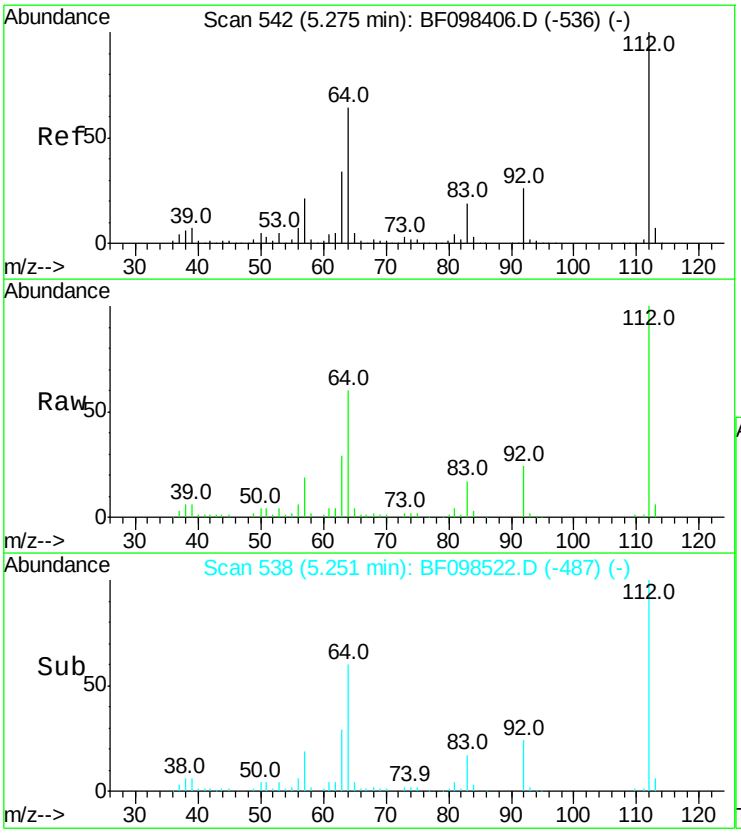
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:152 Resp: 150451

Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	67.1	52.2	78.2

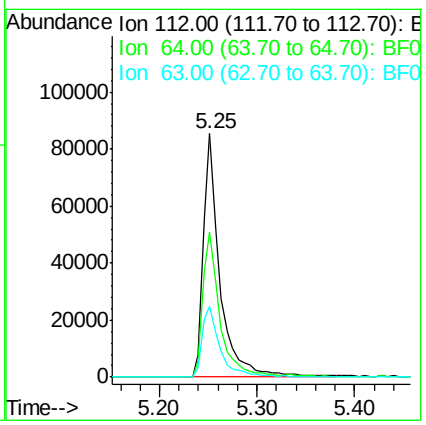


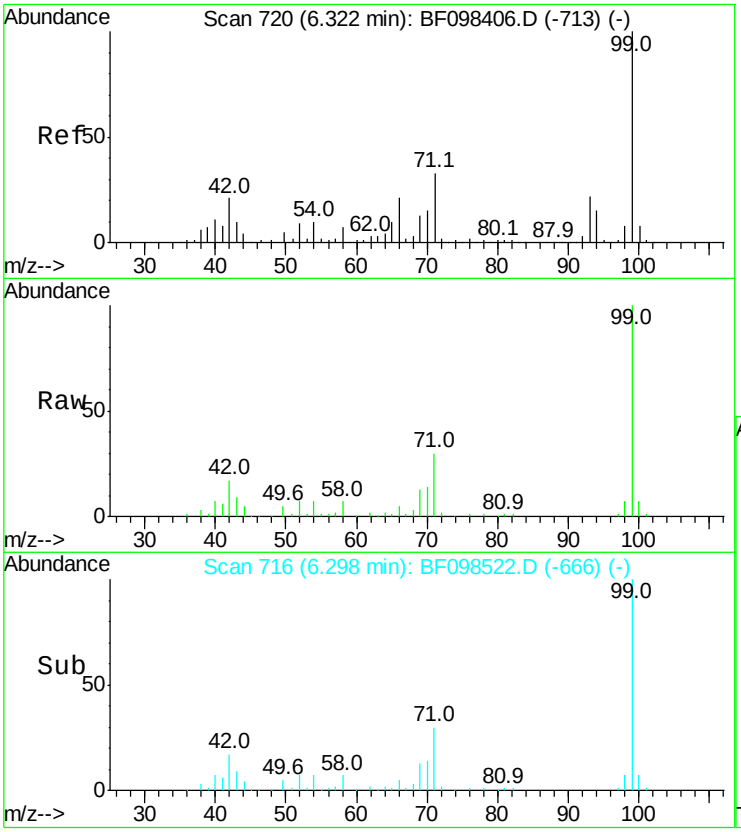


#5
2-Fluorophenol
Concen: 9.877 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:112 Resp: 100509

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.0	69.0
63	29.2	23.4	35.0



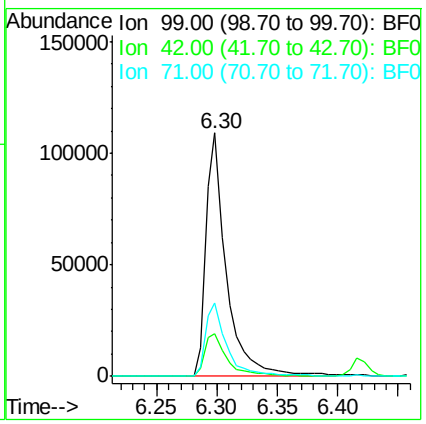


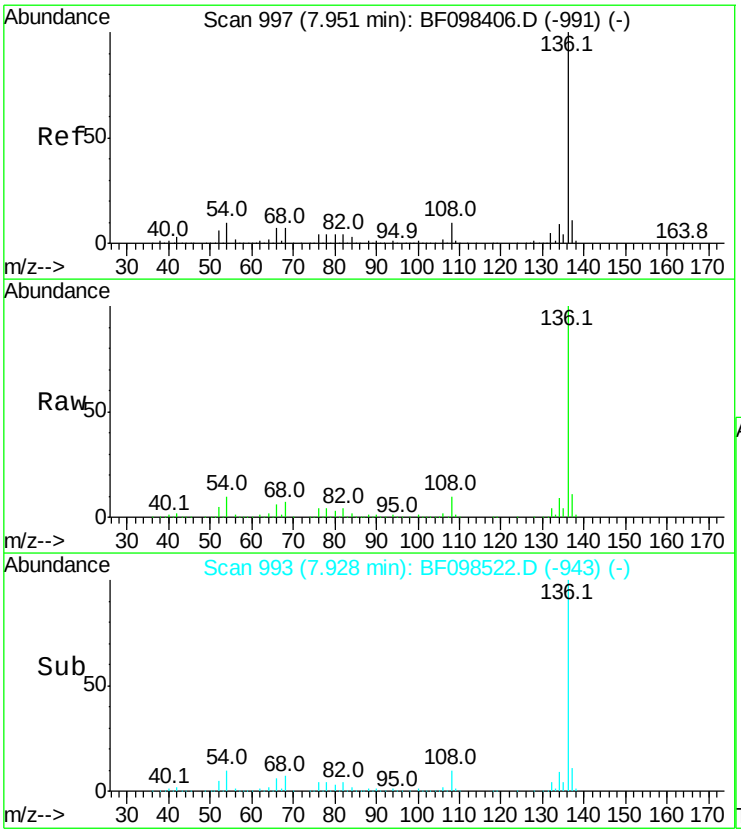
#7
Phenol-d6
Concen: 9.920 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion: 99 Resp: 128161

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	30.3	24.5	36.7

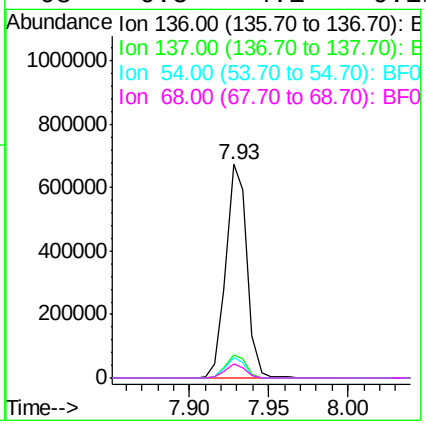


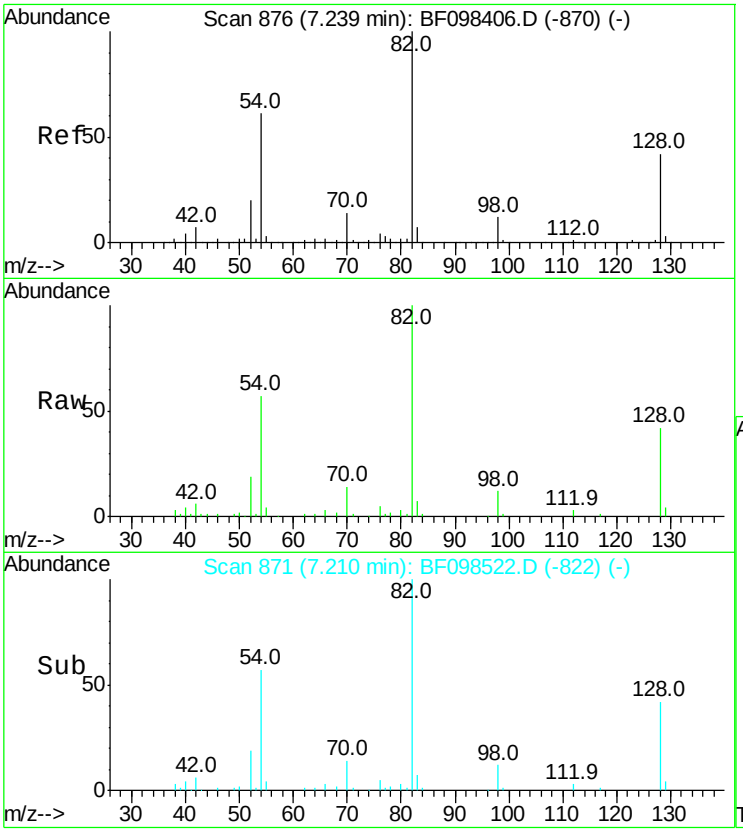


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:136 Resp: 619674

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.9	4.9	7.3#
68	6.5	4.1	6.1#



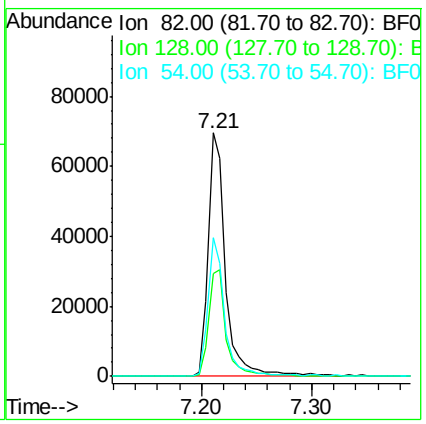


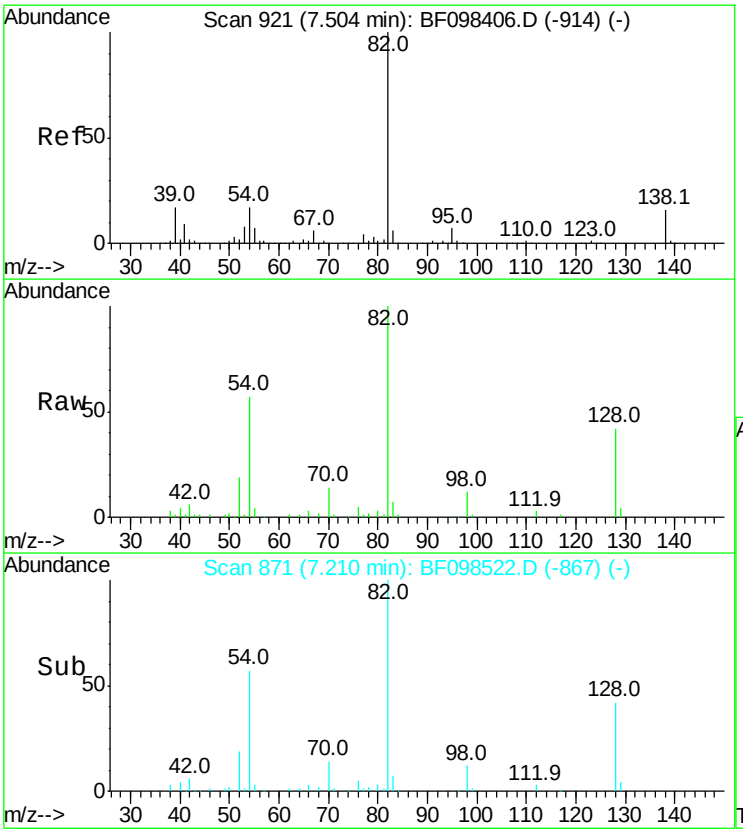
#23
Nitrobenzene-d5
Concen: 6.647 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion: 82 Resp: 73889

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	56.7	42.2	63.2

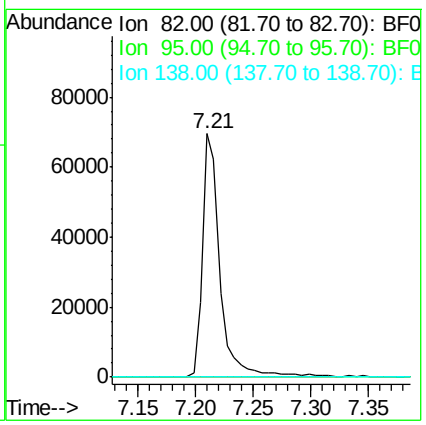


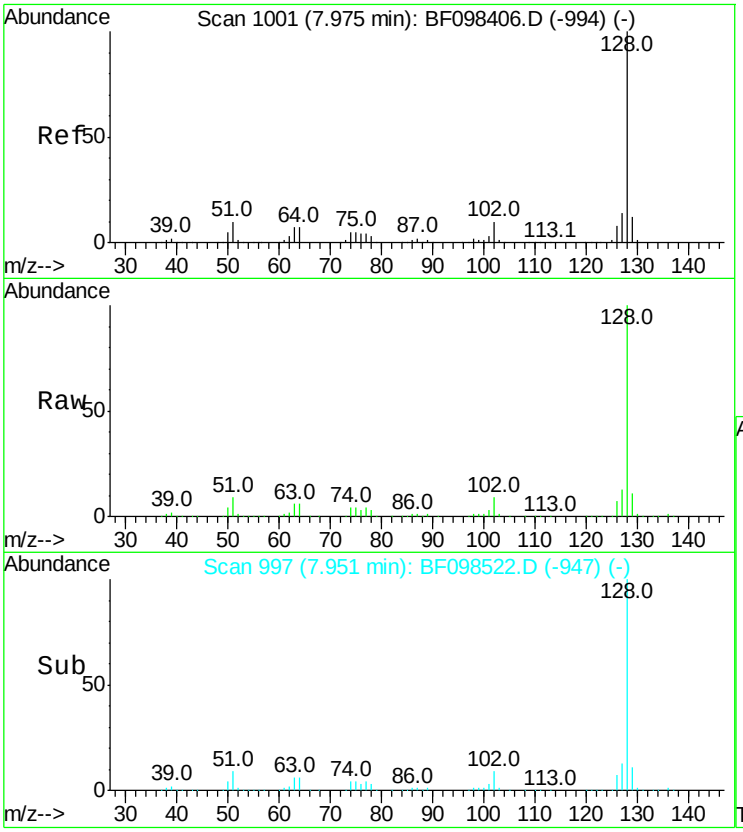


#25
Isophorone
Concen: 3.285 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.28 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion: 82 Resp: 73888

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



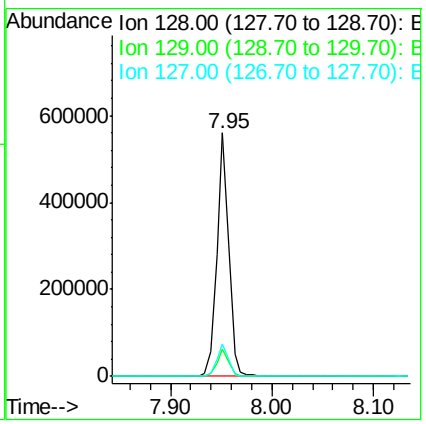


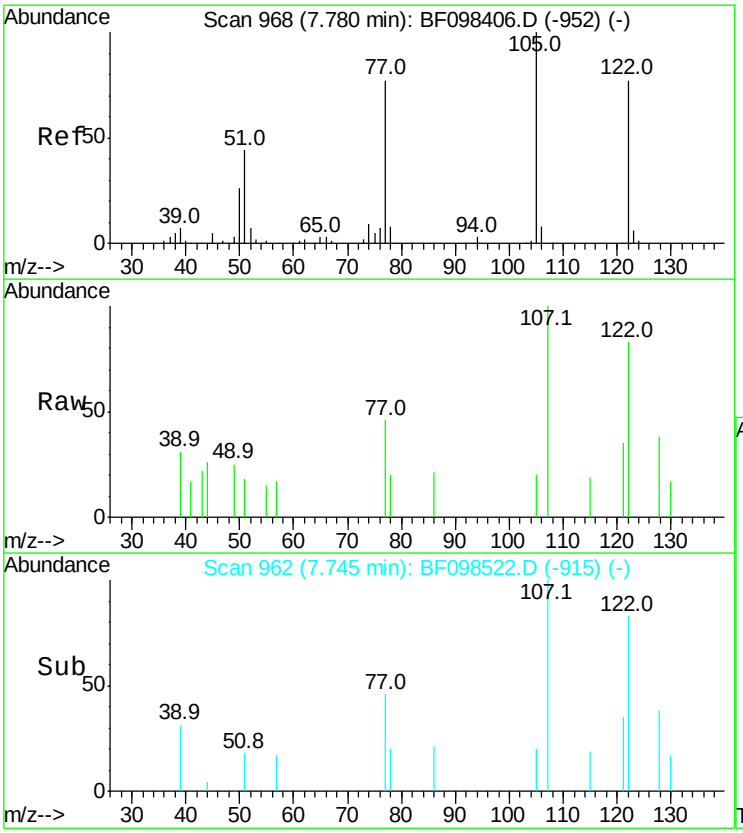
#31
Naphthalene
Concen: 14.866 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:128 Resp: 455417

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.1	10.8	16.2

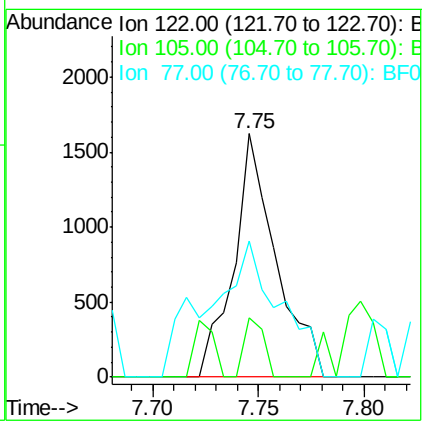


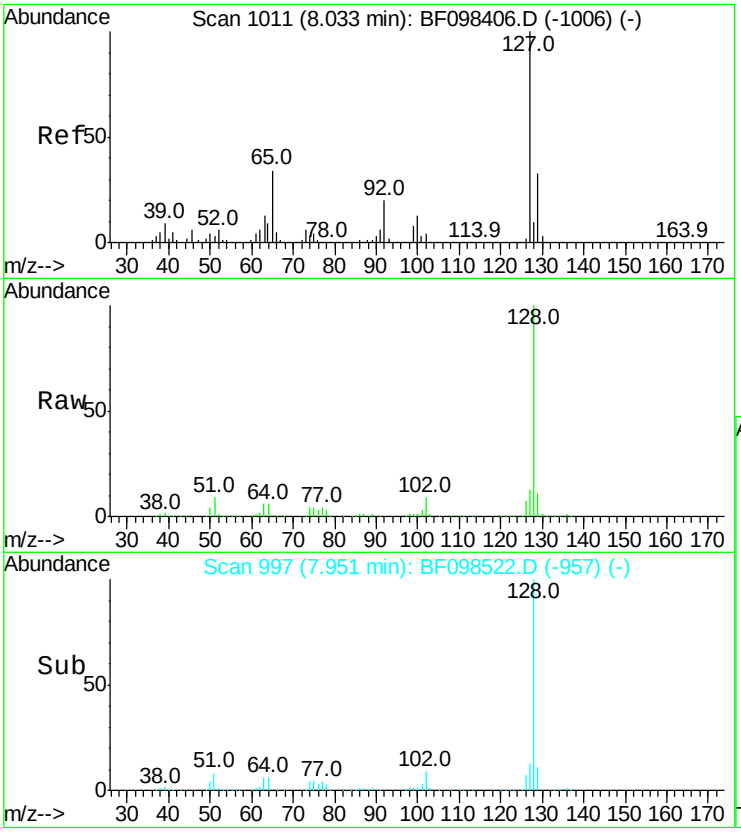


#32
Benzoic acid
Concen: 8.258 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:122 Resp: 2260

Ion	Ratio	Lower	Upper
122	100		
105	24.6	103.3	143.3#
77	55.8	73.7	113.7#



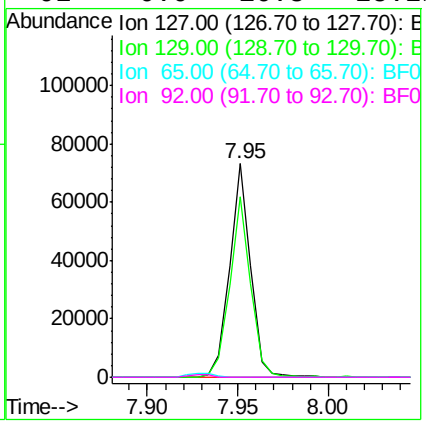


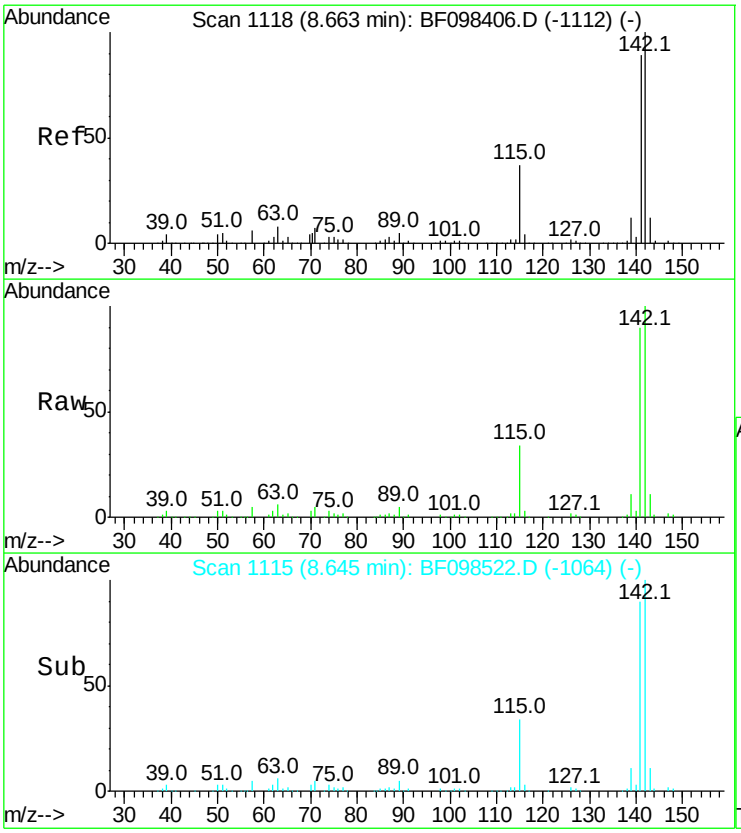
#33
4-Chloroaniline
Concen: 4.726 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:127 Resp: 58843

Ion	Ratio	Lower	Upper
127	100		
129	84.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

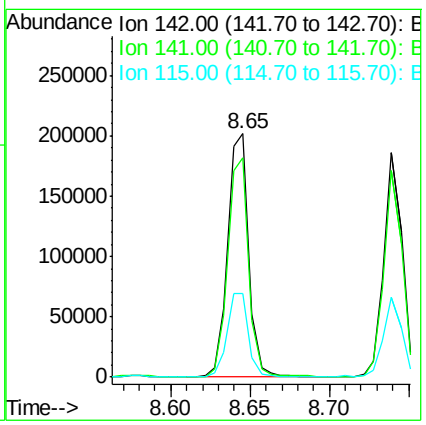


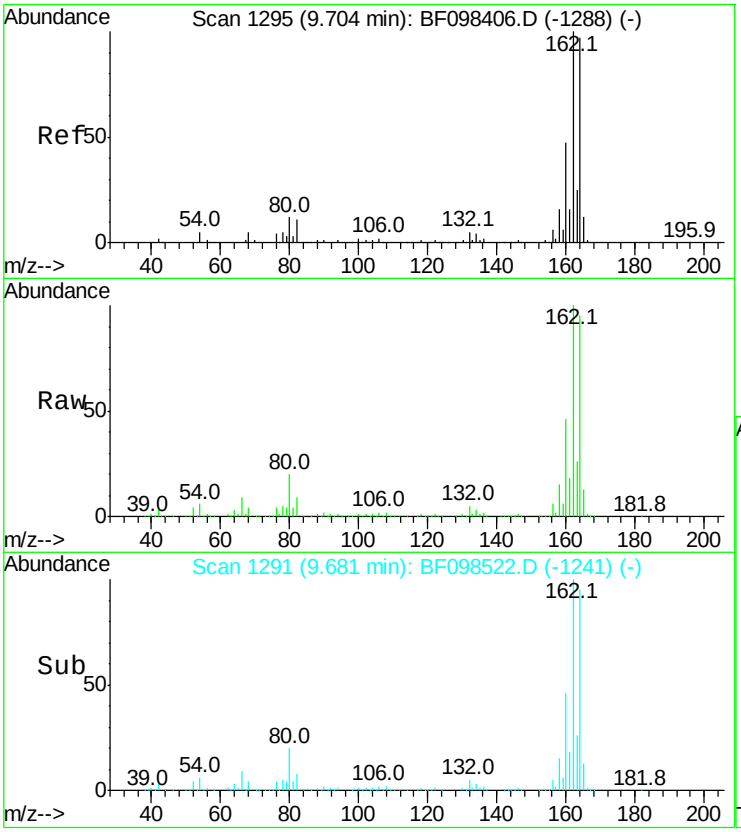


#37
2-Methylnaphthalene
Concen: 10.043 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:142 Resp: 186359

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	34.2	27.1	40.7



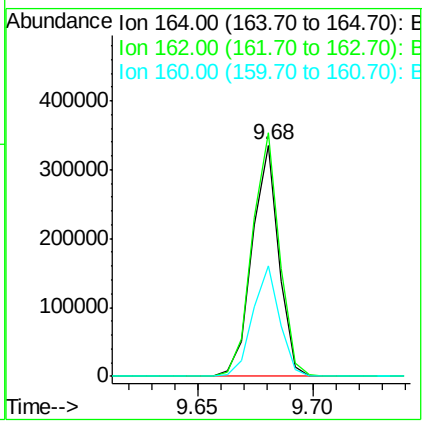


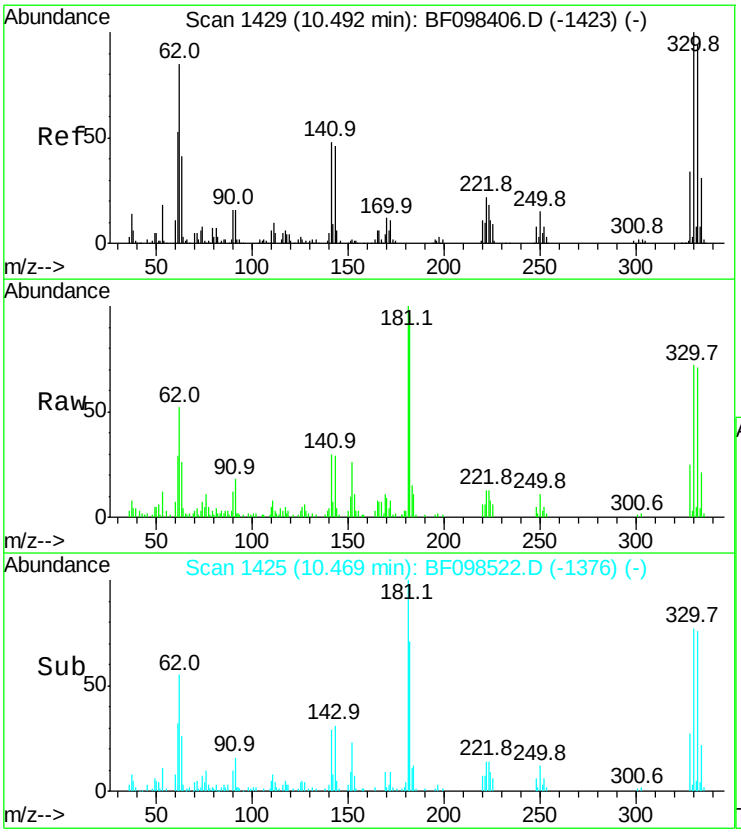
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:164 Resp: 271512

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	48.0	36.2	54.2

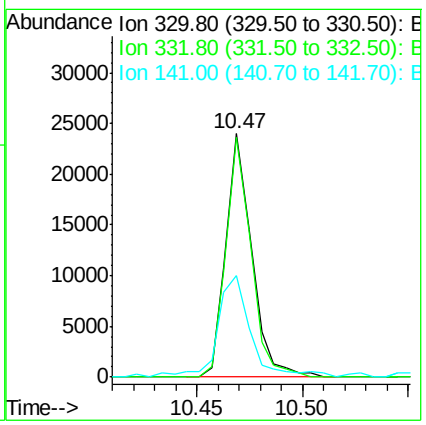


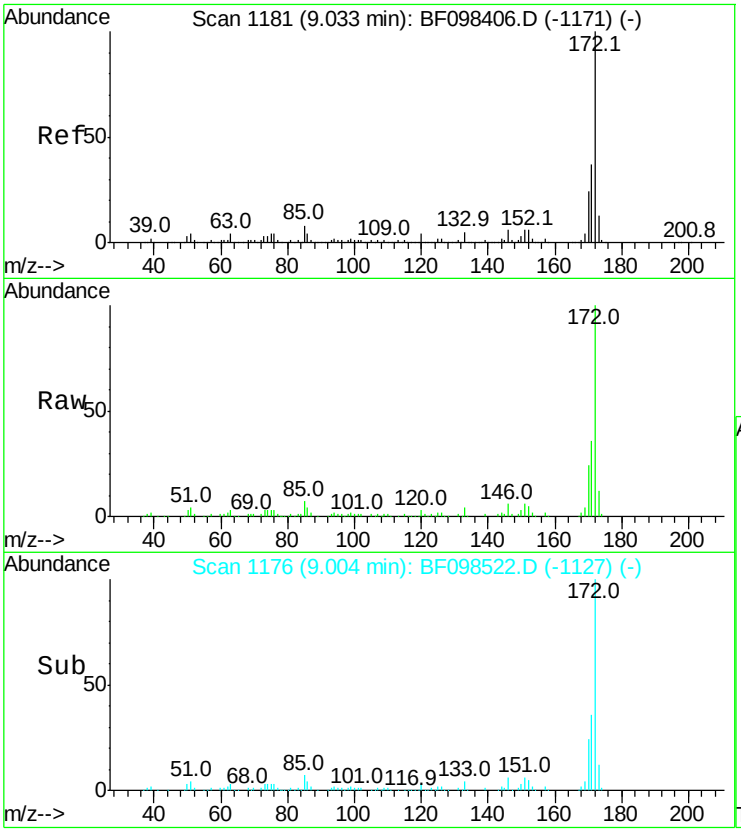


#41
2,4,6-Tribromophenol
Concen: 11.222 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:330 Resp: 20336

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	54.0	31.4	47.2#



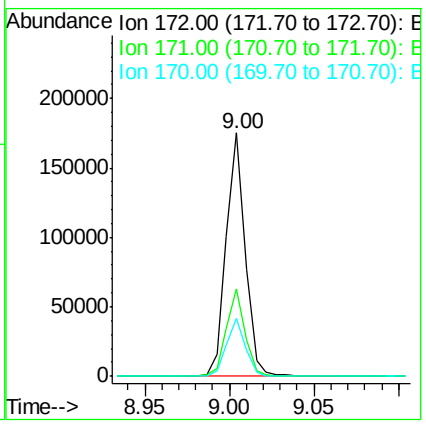


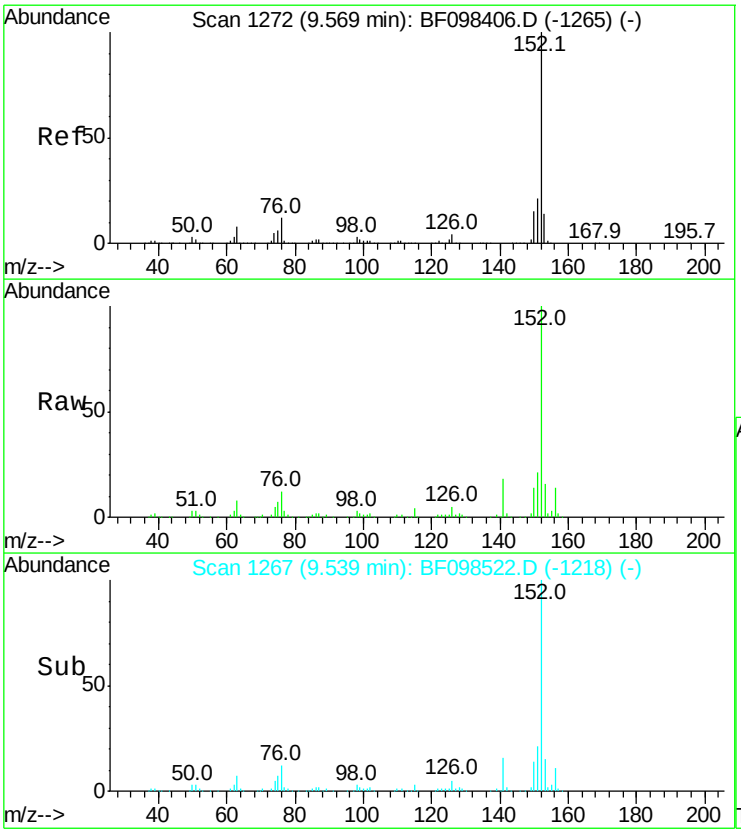
#44
2-Fluorobiphenyl
Concen: 8.560 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:172 Resp: 137123

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8

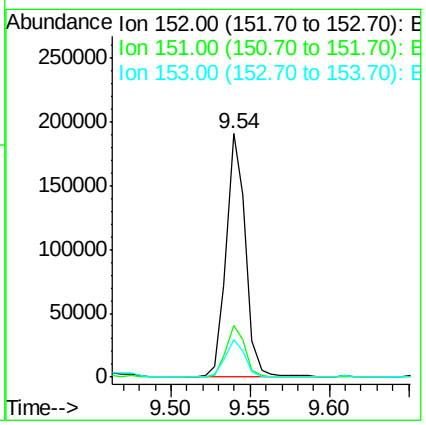


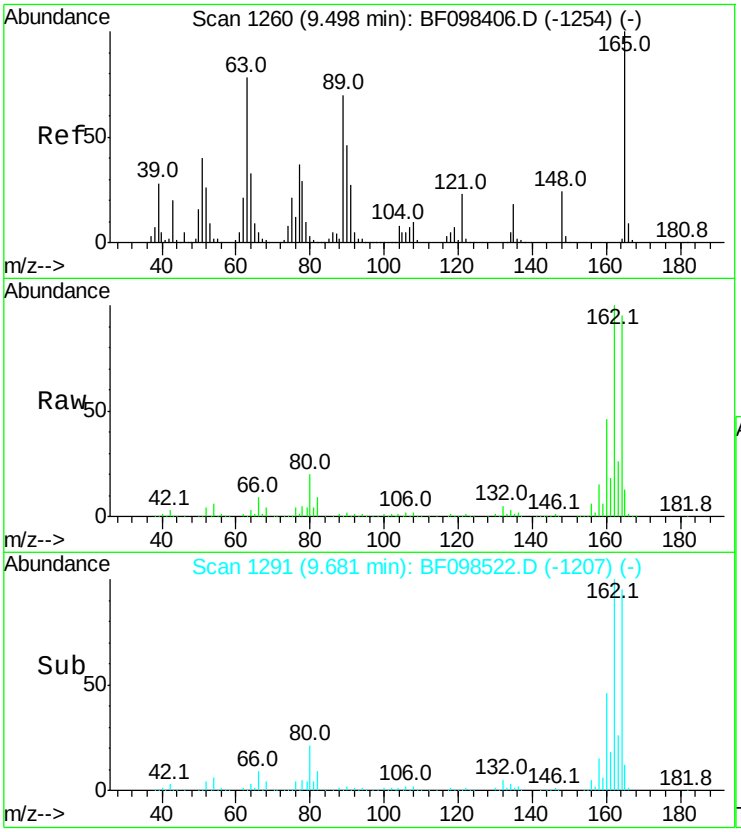


#48
Acenaphthylene
Concen: 6.250 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:152 Resp: 161297

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	15.6	10.8	16.2



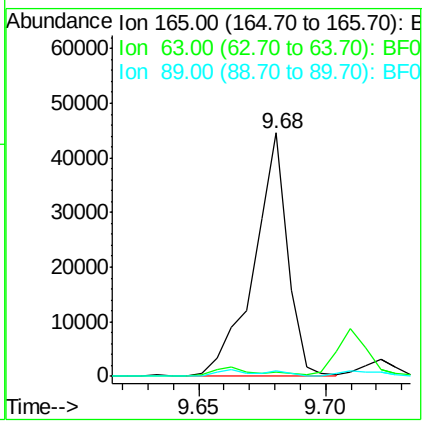


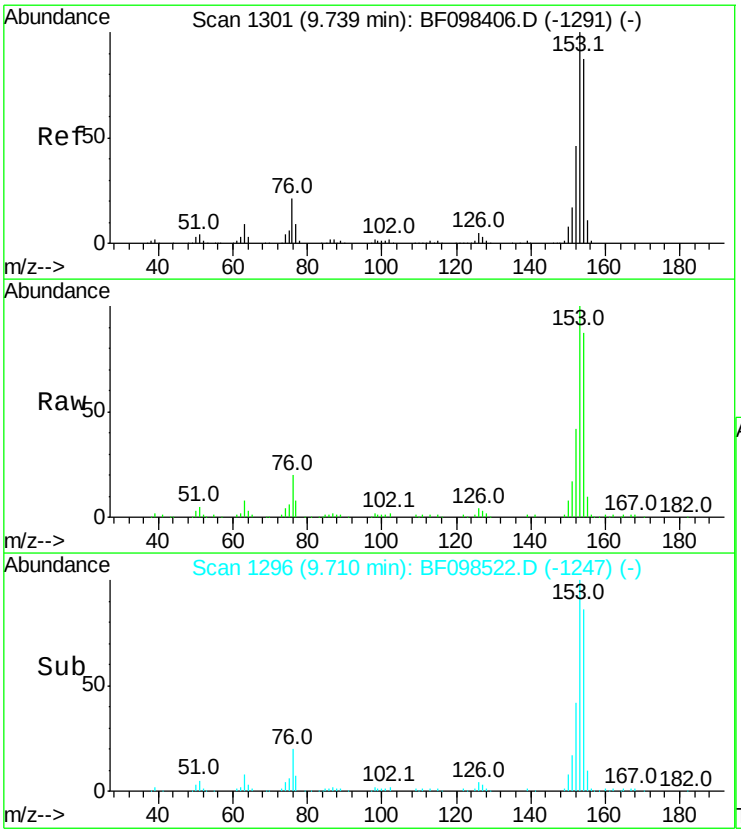
#50
2,6-Dinitrotoluene
Concen: 9.548 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:165 Resp: 41219

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	2.1	37.1	55.7#

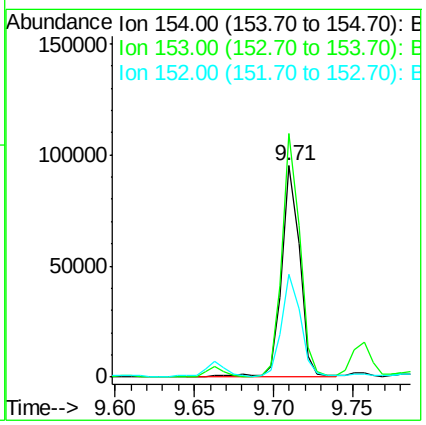


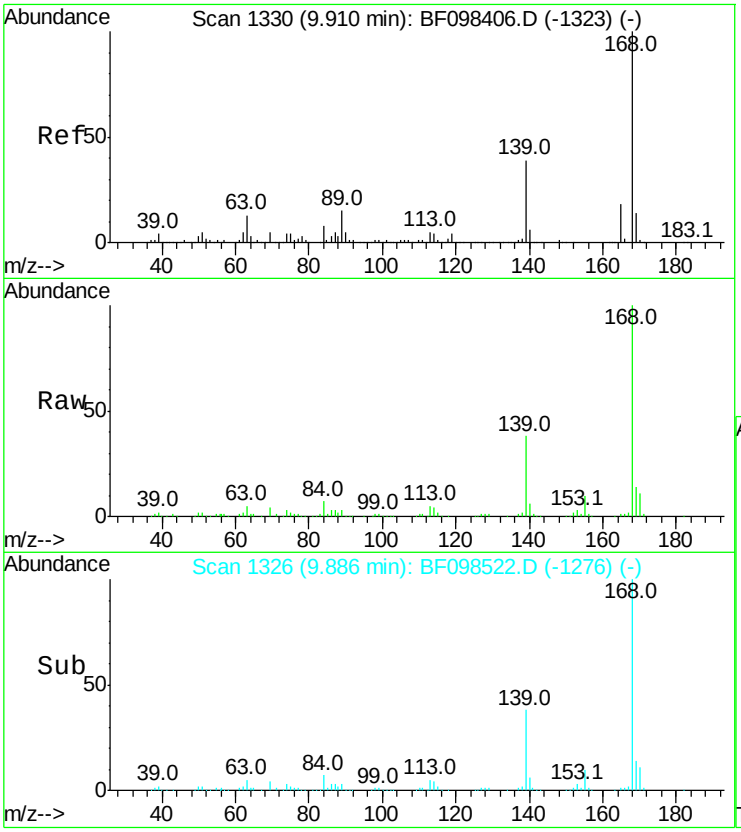


#51
Acenaphthene
Concen: 4.592 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:154 Resp: 75323

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	48.9	43.6	65.4



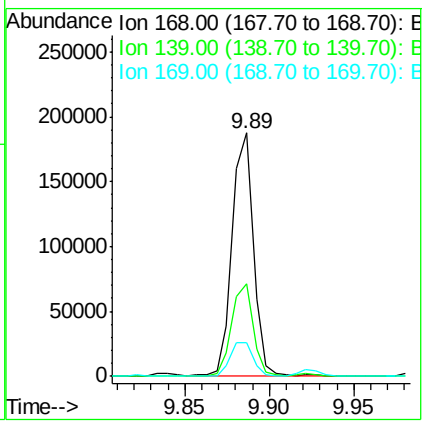


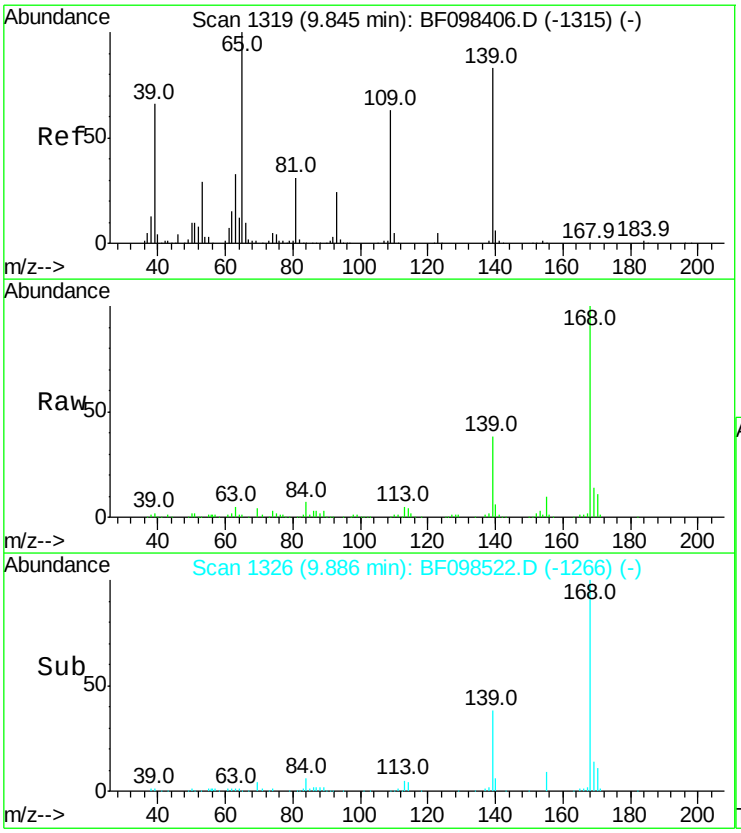
#54
Dibenzofuran
Concen: 7.554 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:168 Resp: 163238

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	45.8
169	14.0	10.8	16.2

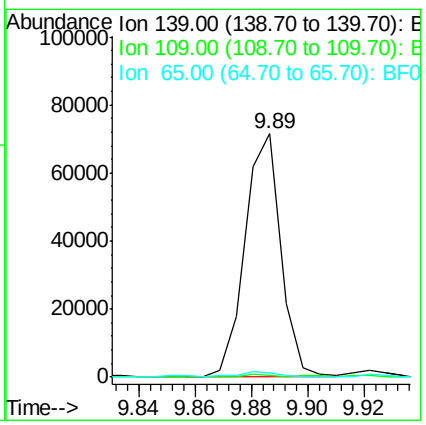


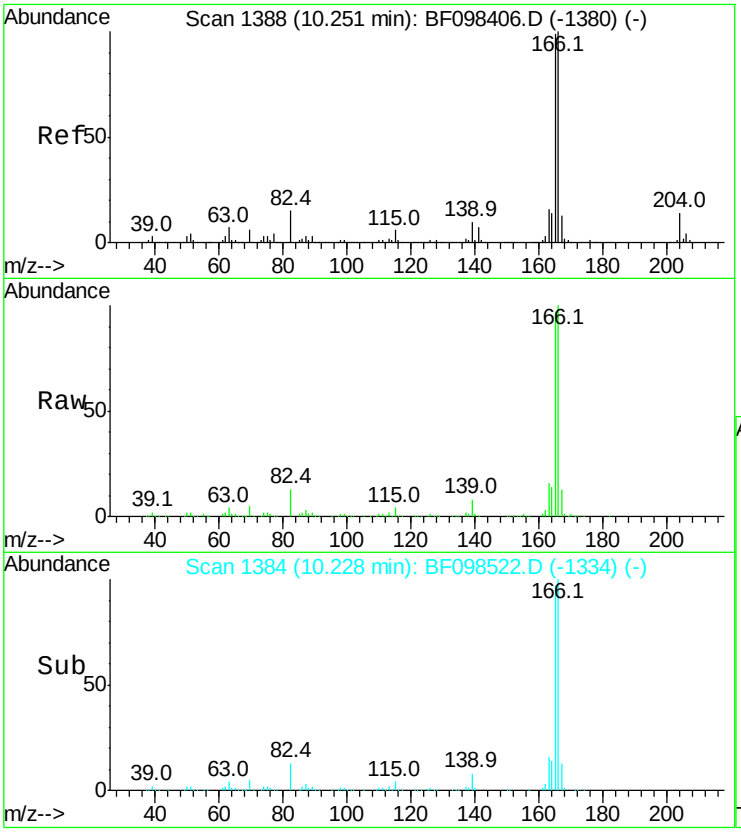


#55
4-Nitrophenol
Concen: 21.111 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:139 Resp: 63210

Ion	Ratio	Lower	Upper
139	100		
109	0.8	34.1	74.1#
65	1.8	31.4	71.4#



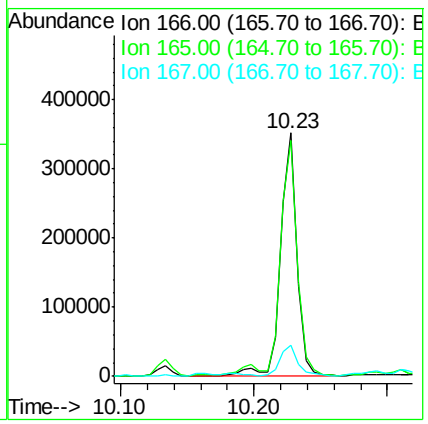


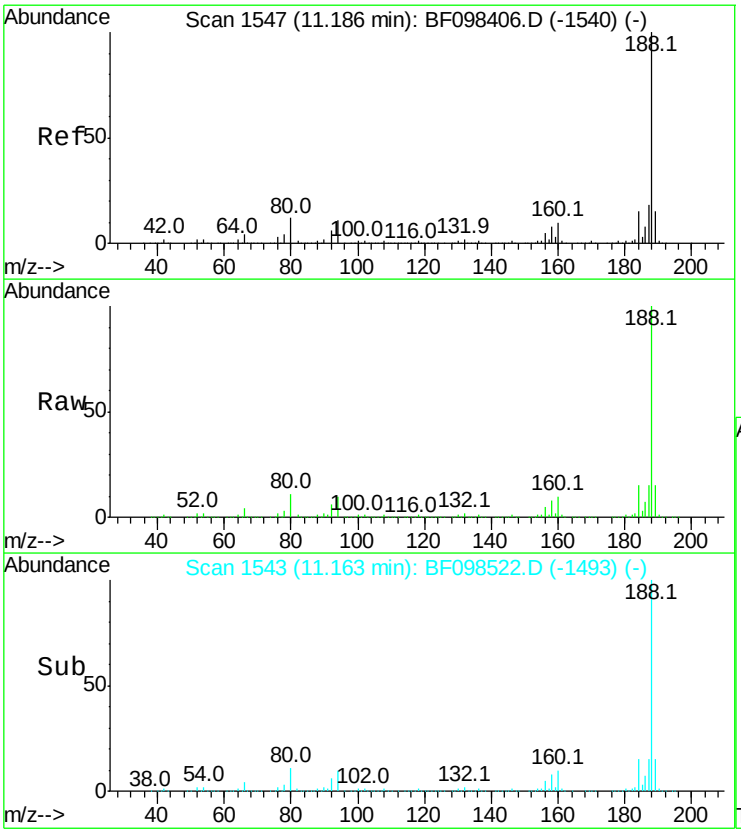
#57
Fluorene
Concen: 17.046 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:166 Resp: 304896

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	12.9	10.6	16.0

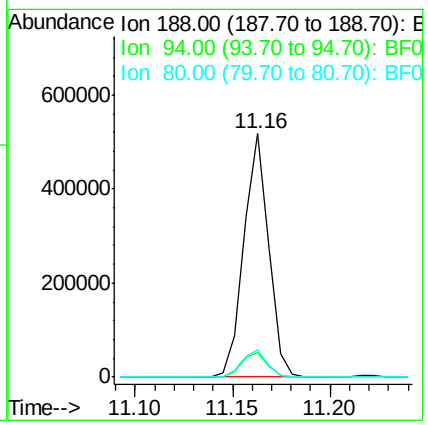


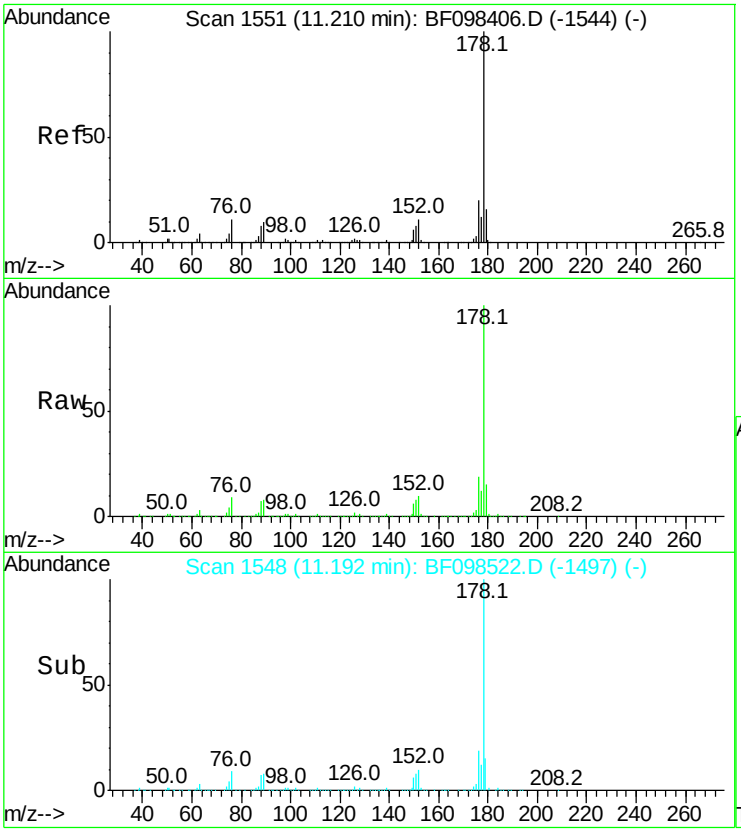


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:188 Resp: 455014

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.3	10.2	15.2



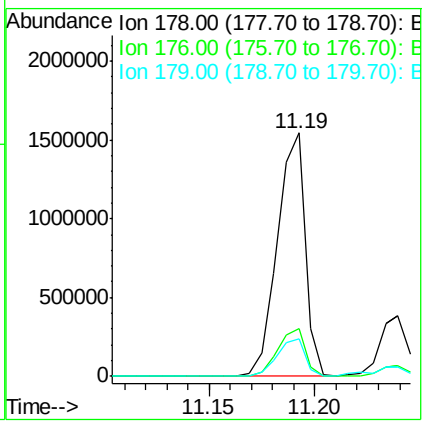


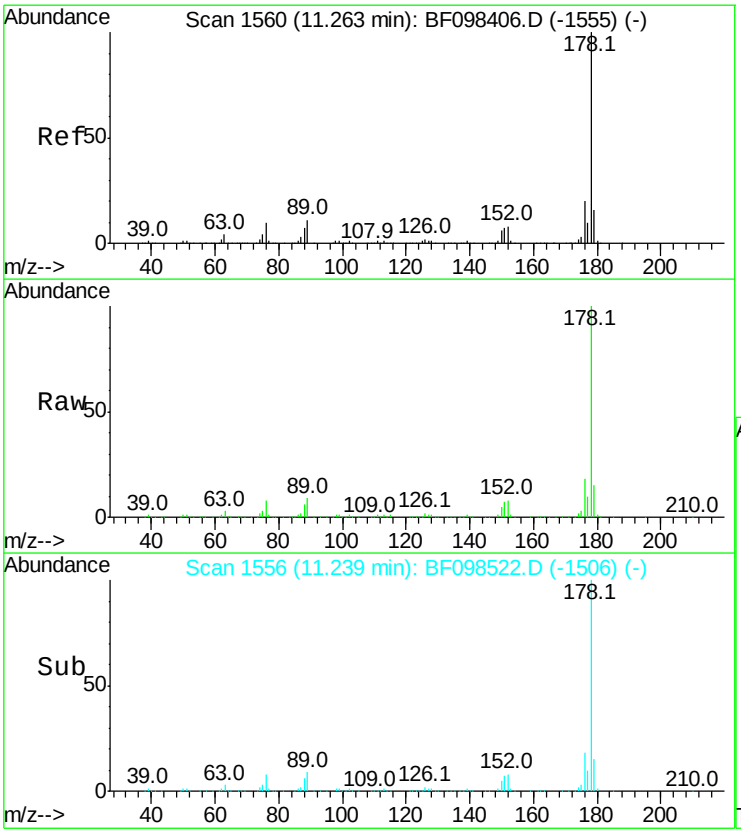
#70
Phenanthrene
Concen: 59.141 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:178 Resp: 1426580

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.4	12.6	19.0

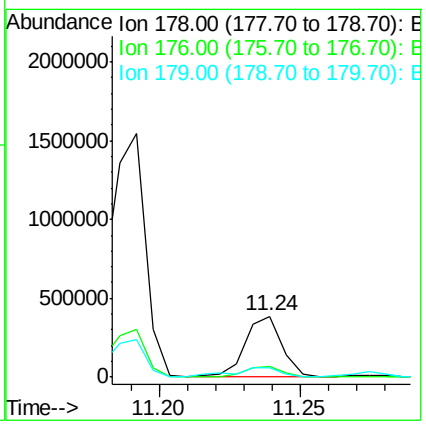


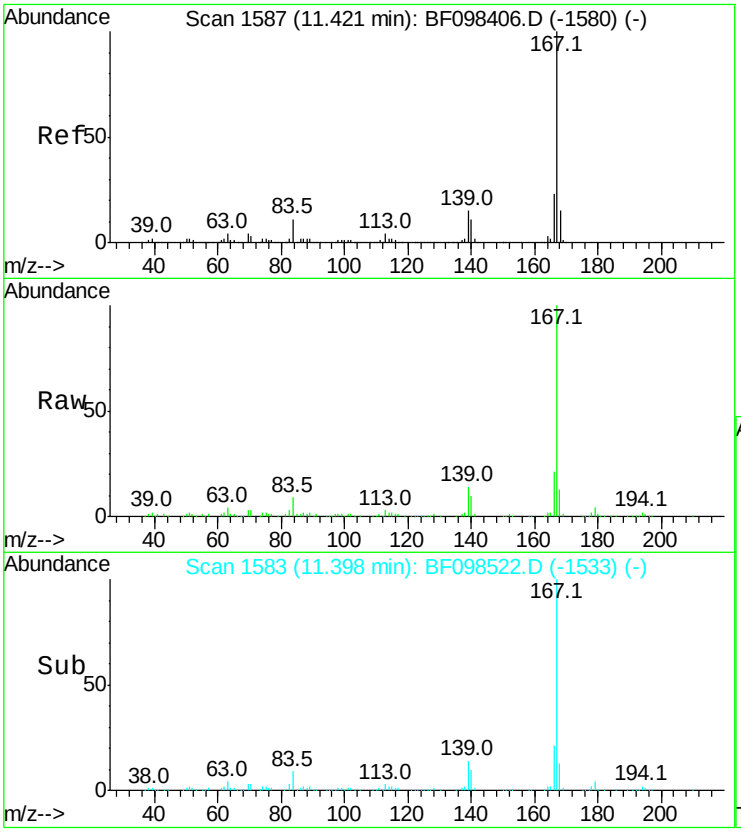


#71
Anthracene
Concen: 13.755 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:178 Resp: 340664

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.9	12.7	19.1



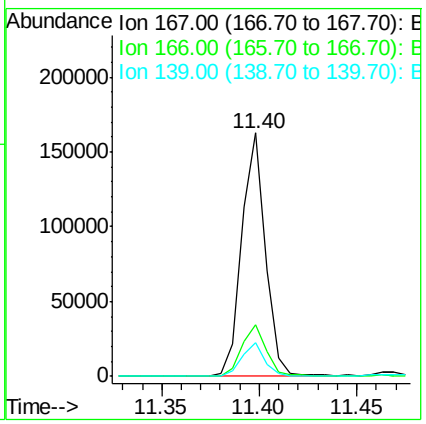


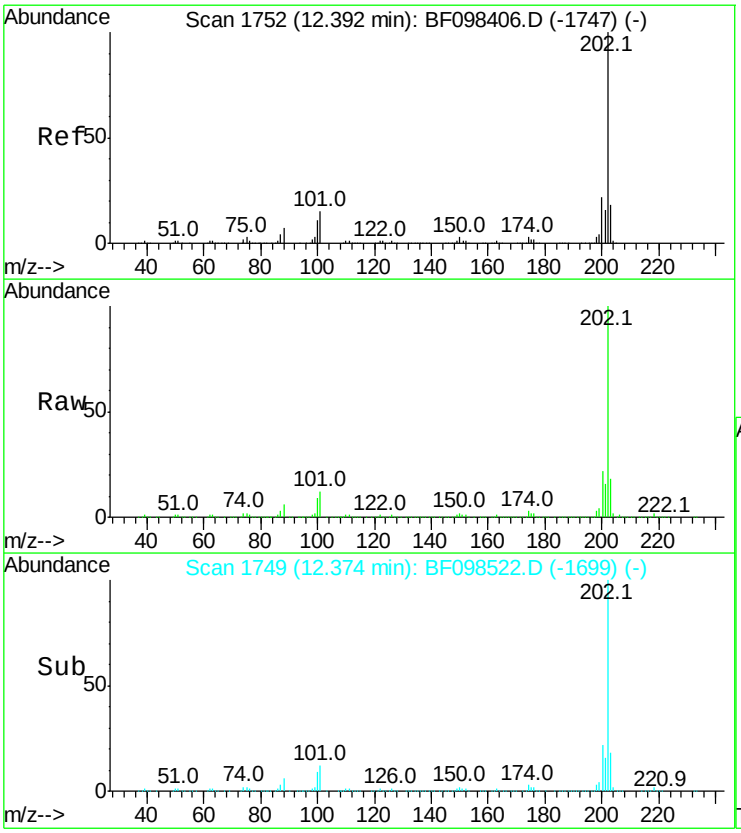
#72
Carbazole
Concen: 5.938 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:167 Resp: 137063

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.1	27.1
139	13.6	11.7	17.5

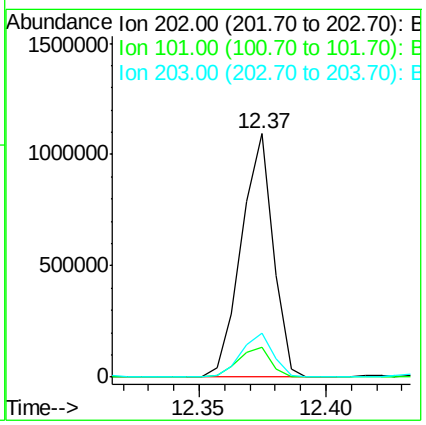


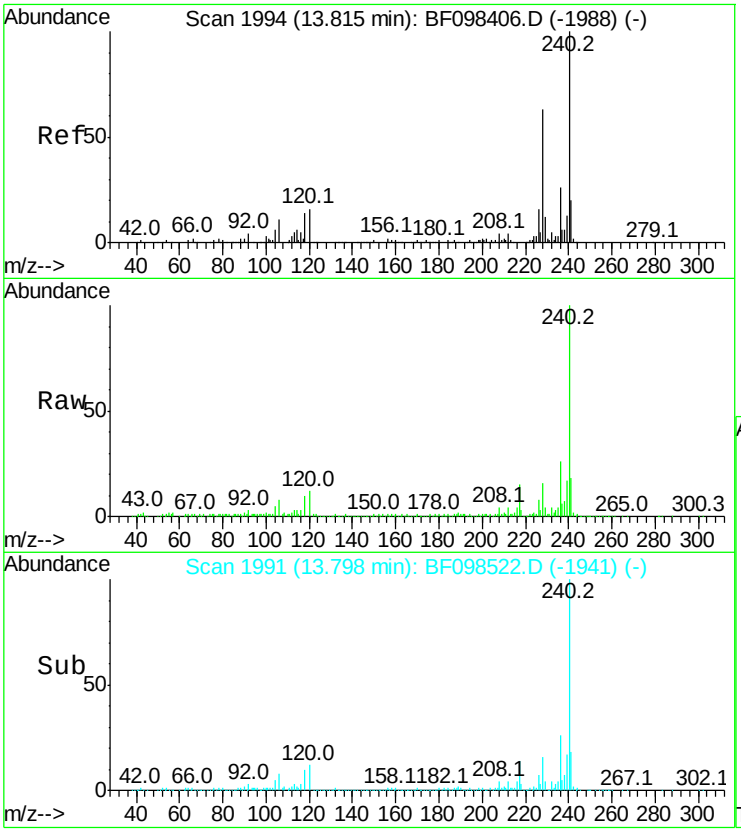


#74
Fluoranthene
Concen: 39.582 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:202 Resp: 955806

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.0	0.0	38.1



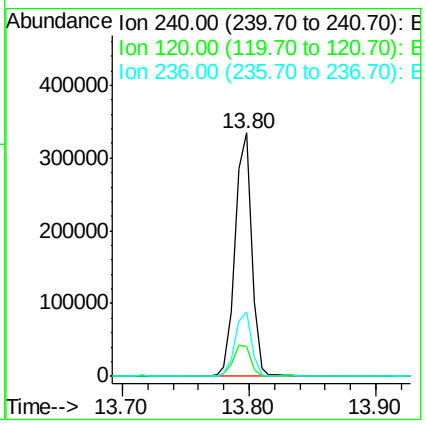


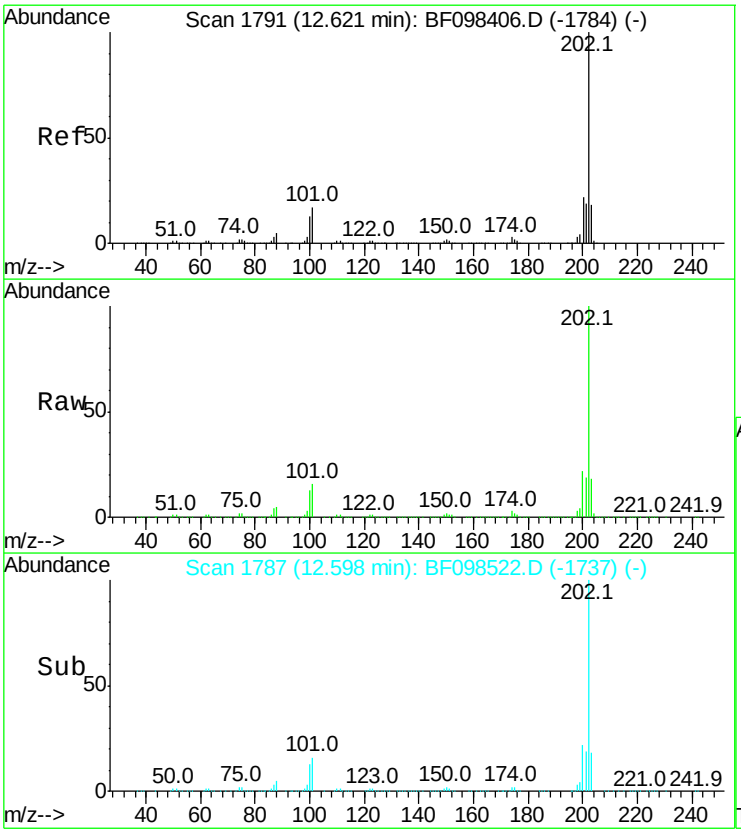
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:240 Resp: 300681

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	26.5	20.5	30.7

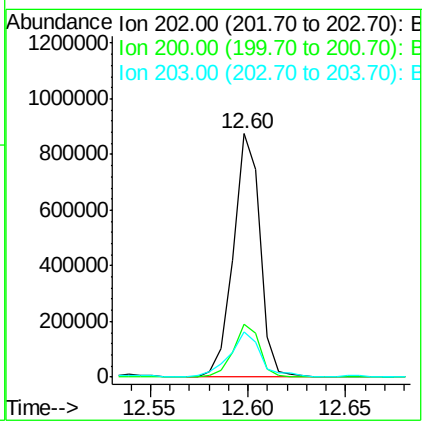


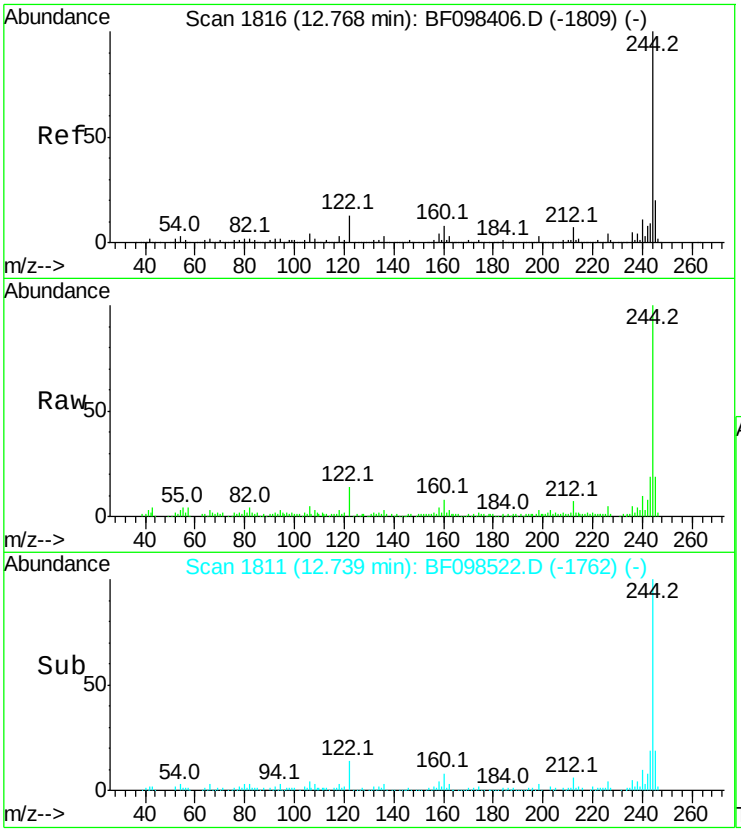


#77
Pyrene
Concen: 34.839 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:202 Resp: 826362

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.4	14.4	21.6



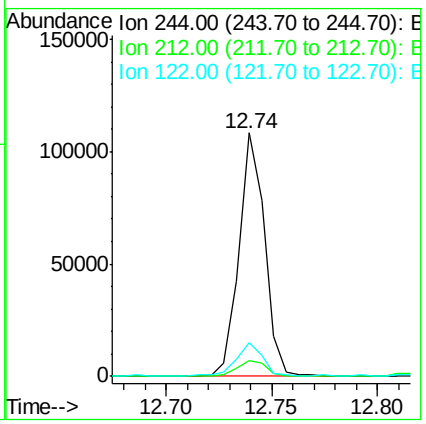


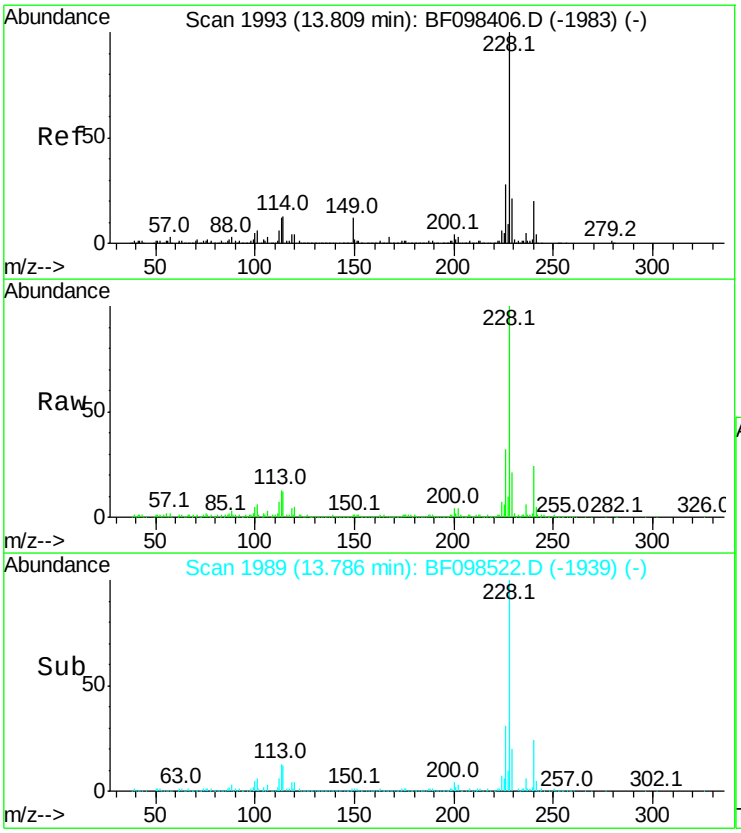
#78
Terphenyl-d14
Concen: 6.504 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:244 Resp: 90604

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.6	10.3	15.5

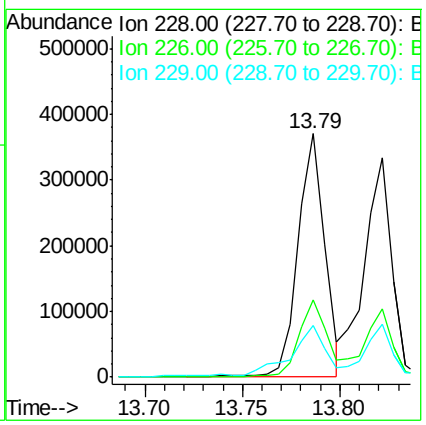


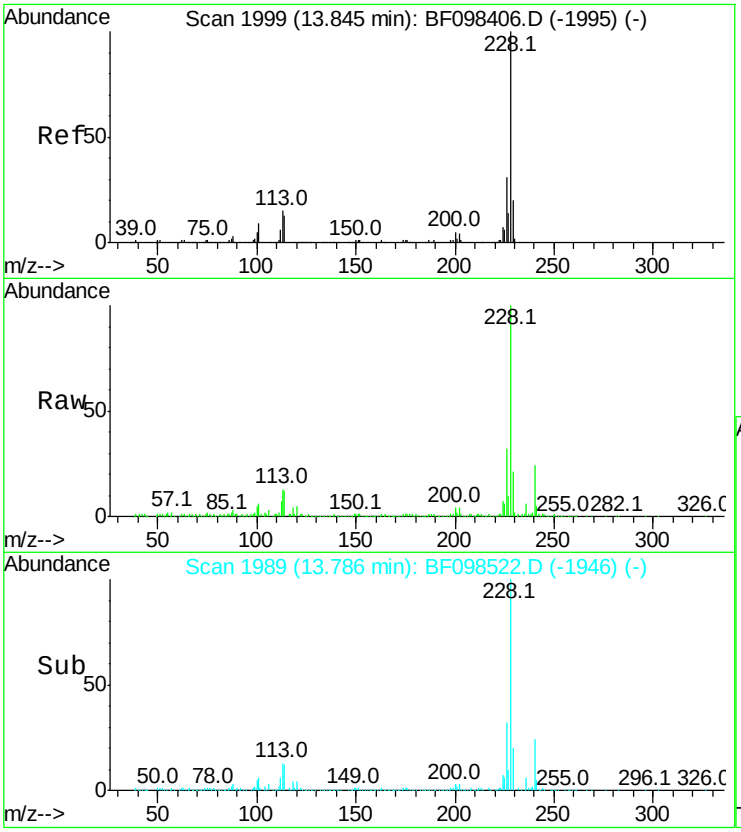


#80
Benzo(a)anthracene
Concen: 19.843 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:228 Resp: 349794

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	21.1	16.3	24.5



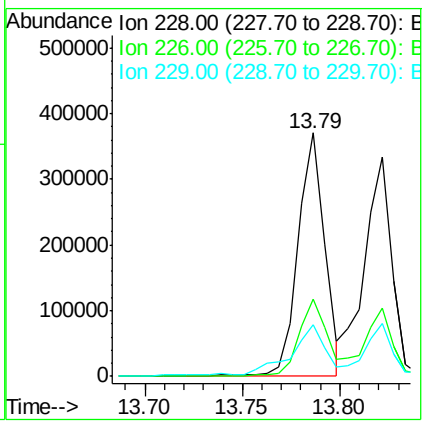


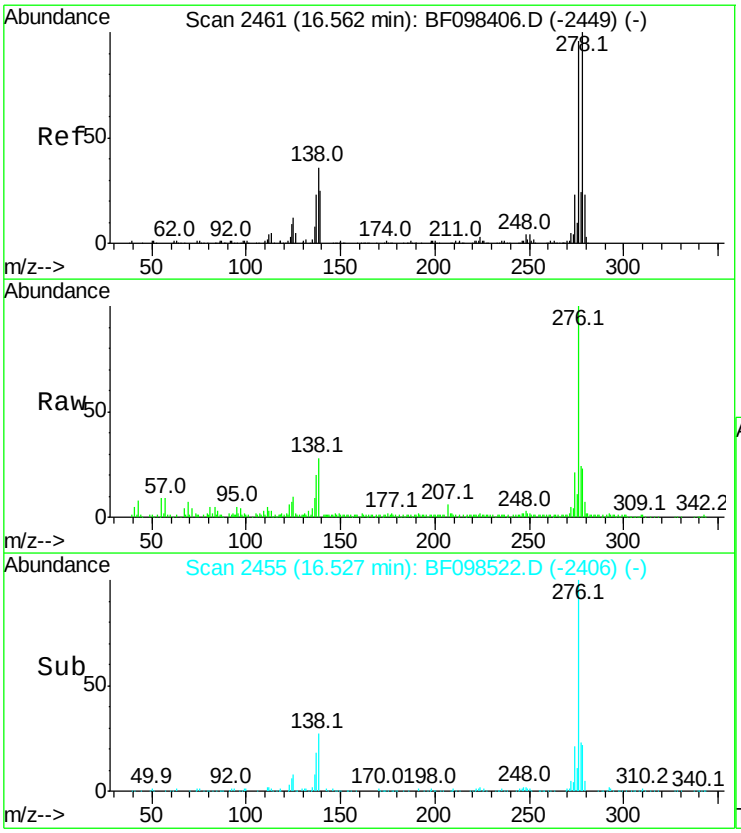
#82
Chrysene
Concen: 19.630 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:228 Resp: 349794

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.1	15.8	23.6

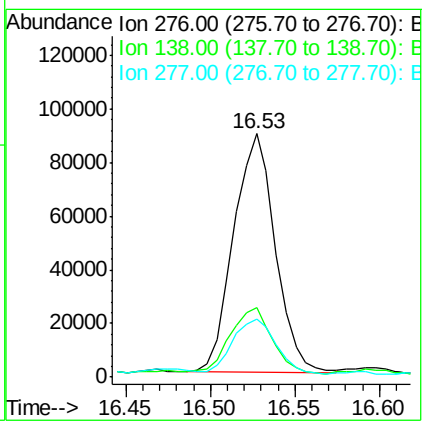


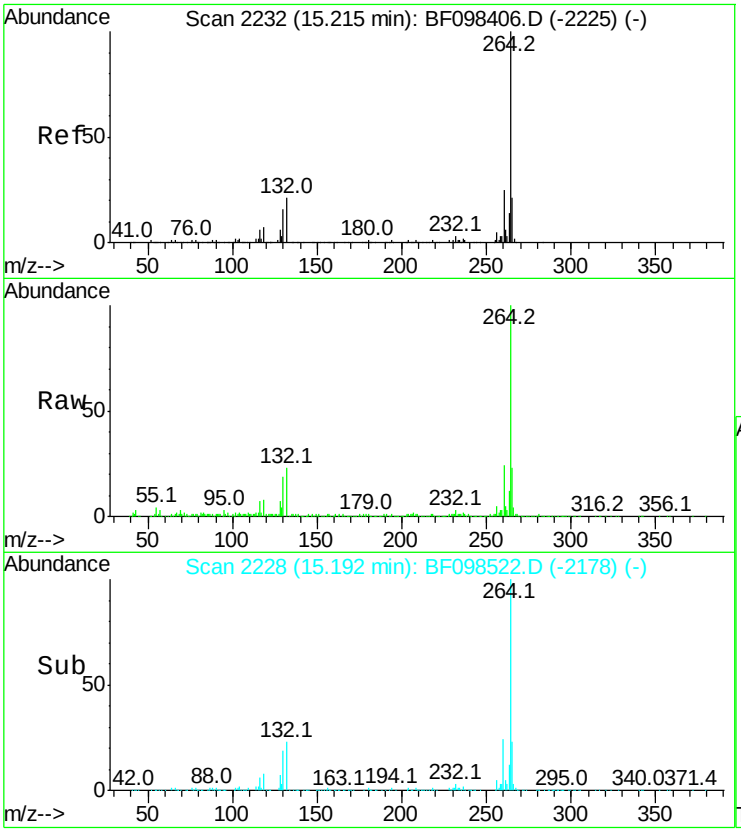


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.178 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:276 Resp: 152247

Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	24.6	20.2	30.4



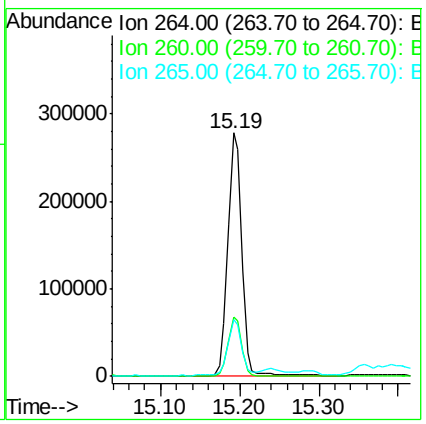


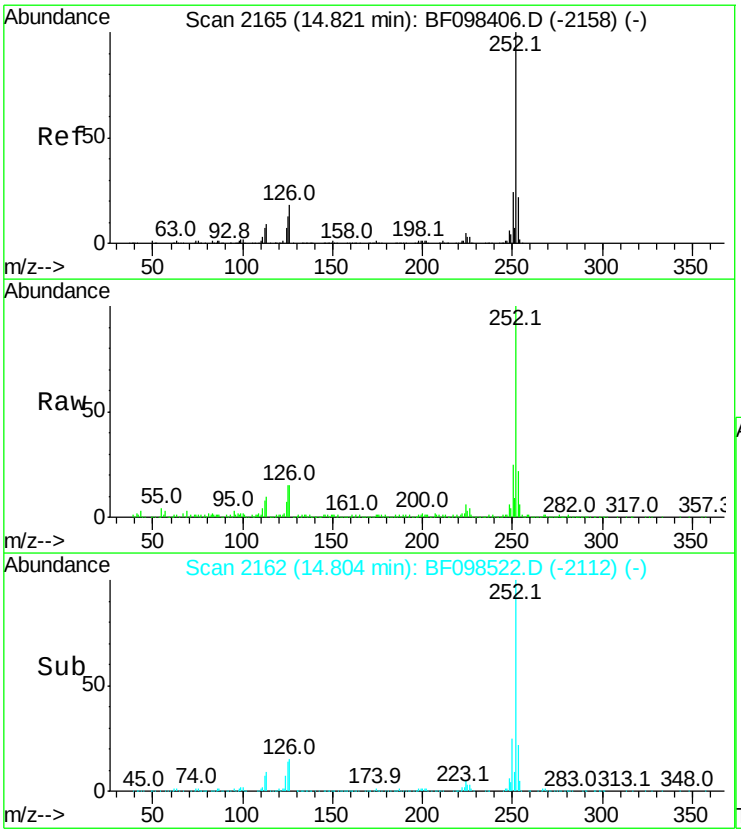
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:264 Resp: 344939

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	23.3	17.2	25.8

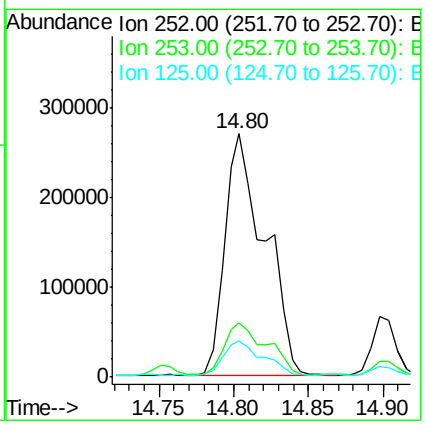


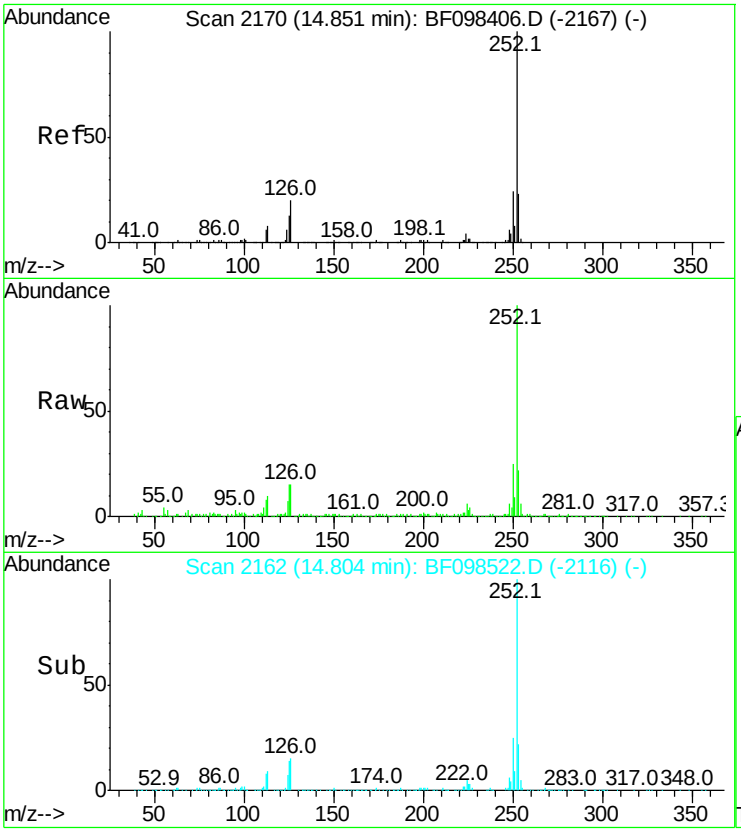


#87
Benzo(b)fluoranthene
Concen: 23.230 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:252 Resp: 503834

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.8	9.8	14.8#



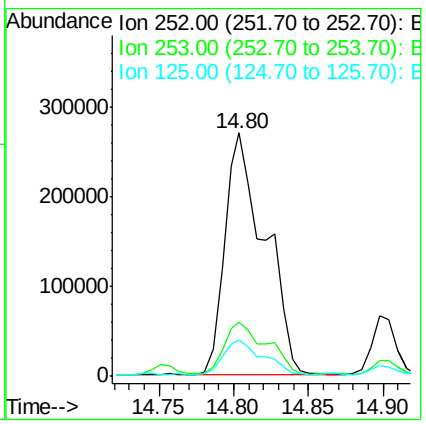


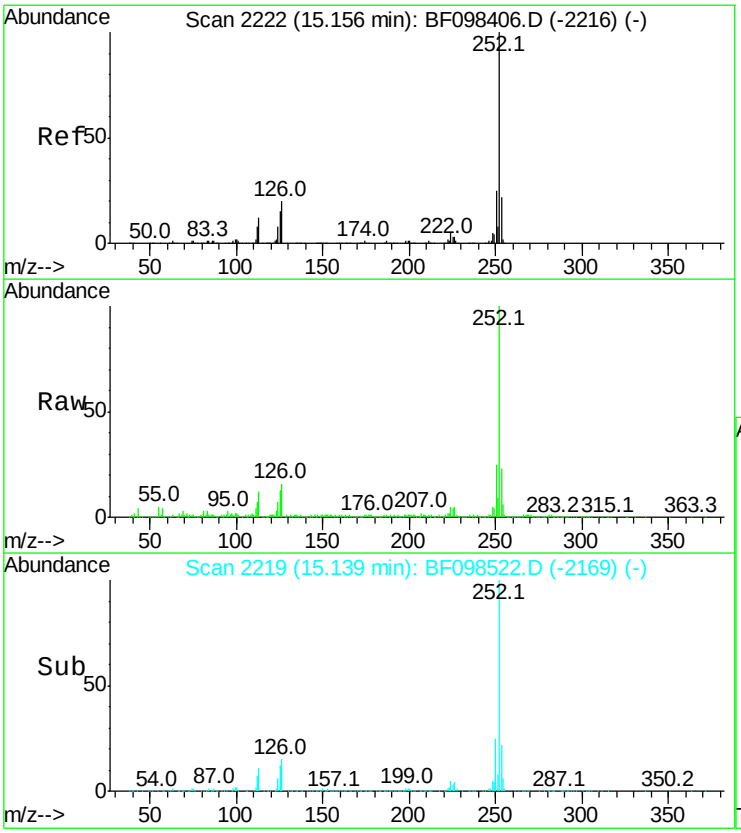
#88
Benzo(k)fluoranthene
Concen: 24.883 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:252 Resp: 503834

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.8	13.1	19.7

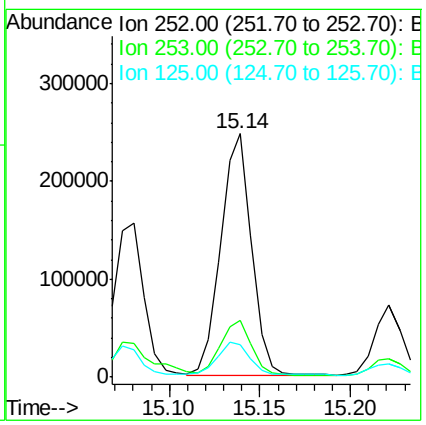


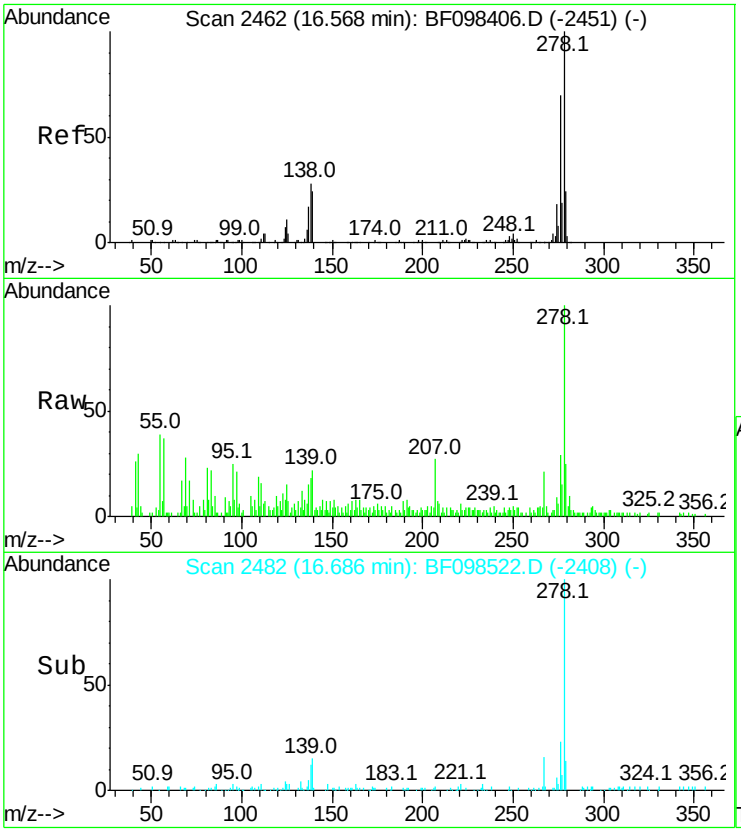


#89
Benzo(a)pyrene
Concen: 15.209 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:252 Resp: 293868

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	13.2	11.0	16.4



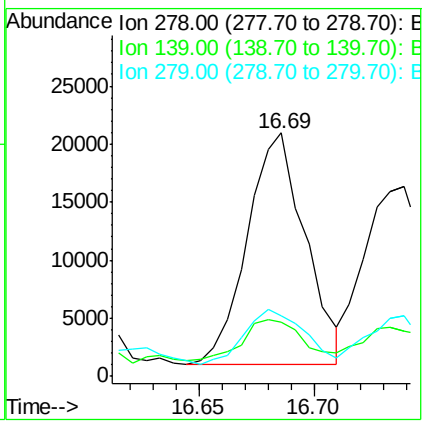


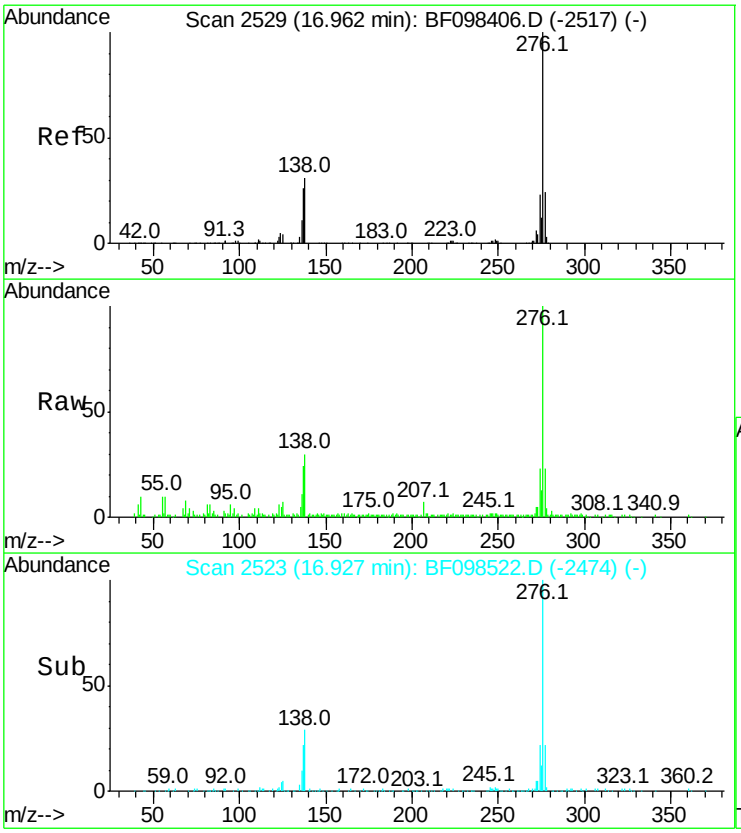
#90
Dibenzo(a,h)anthracene
Concen: 2.465 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.14 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-ADL

Tgt Ion:278 Resp: 34648

Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.6	24.8
279	25.1	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.871 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF098522.D
Acq: 14 Sep 2017 11:58

Tgt Ion:276 Resp: 139546

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.0	25.4	38.0