Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098324.D
Acq On : 7 Sep 2017 20:09
Operator : SJ/JU
Sample : I5053-06RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-62A-1.5-3

Quant Time: Sep 08 01:52:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	105003	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	410388	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	177821	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	320380	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	245250	20.00	ng		-0.02
86) Perylene-d12	15.26	264	192123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	688742	99.77	ng		0.00
7) Phenol-d6	6.34	99	936227	99.82	ng		-0.01
23) Nitrobenzene-d5	7.26	82	562482	74.46	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	166853	108.14	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	838329	69.27	ng		-0.02
78) Terphenyl-d14	12.80	244	627535	53.36	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	74247	11.564	ng	#	70
25) Isophorone	7.26	82	556393	35.420	ng	#	67
32) Benzoic acid	7.77	122	378	6.473	ng	#	11
37) 2-Methylnaphthalene	8.69	142	27405	2.098	ng		95
49) Dimethylphthalate	9.45	163	152573	11.738	ng		99
53) 2,4-Dinitrophenol	10.01	184	339	10.382	ng	#	4
64) 4,6-Dinitro-2-methylphenol	10.52	198	320	8.496	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	10551	3.171	ng	#	1
70) Phenanthrene	11.23	178	153060	8.965	ng		99
71) Anthracene	11.29	178	37884	2.188	ng		98
74) Fluoranthene	12.42	202	207813	11.662	ng		99
77) Pyrene	12.65	202	178473	8.898	ng		98
80) Benzo(a)anthracene	13.83	228	101884	6.931	ng		98
82) Chrysene	13.87	228	104460	7.144	ng		96
85) Indeno(1,2,3-cd)pyrene	16.62	276	36334	3.378	ng	#	91
87) Benzo(b)fluoranthene	14.86	252	156534	12.926	ng		98
88) Benzo(k)fluoranthene	14.86	252	156534	13.758	ng		98
89) Benzo(a)pyrene	15.20	252	61219	5.710	ng	#	94
91) Benzo(g,h,i)perylene	17.03	276	29935	3.287	ng		97

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

Quantitation Report (Not Reviewed)

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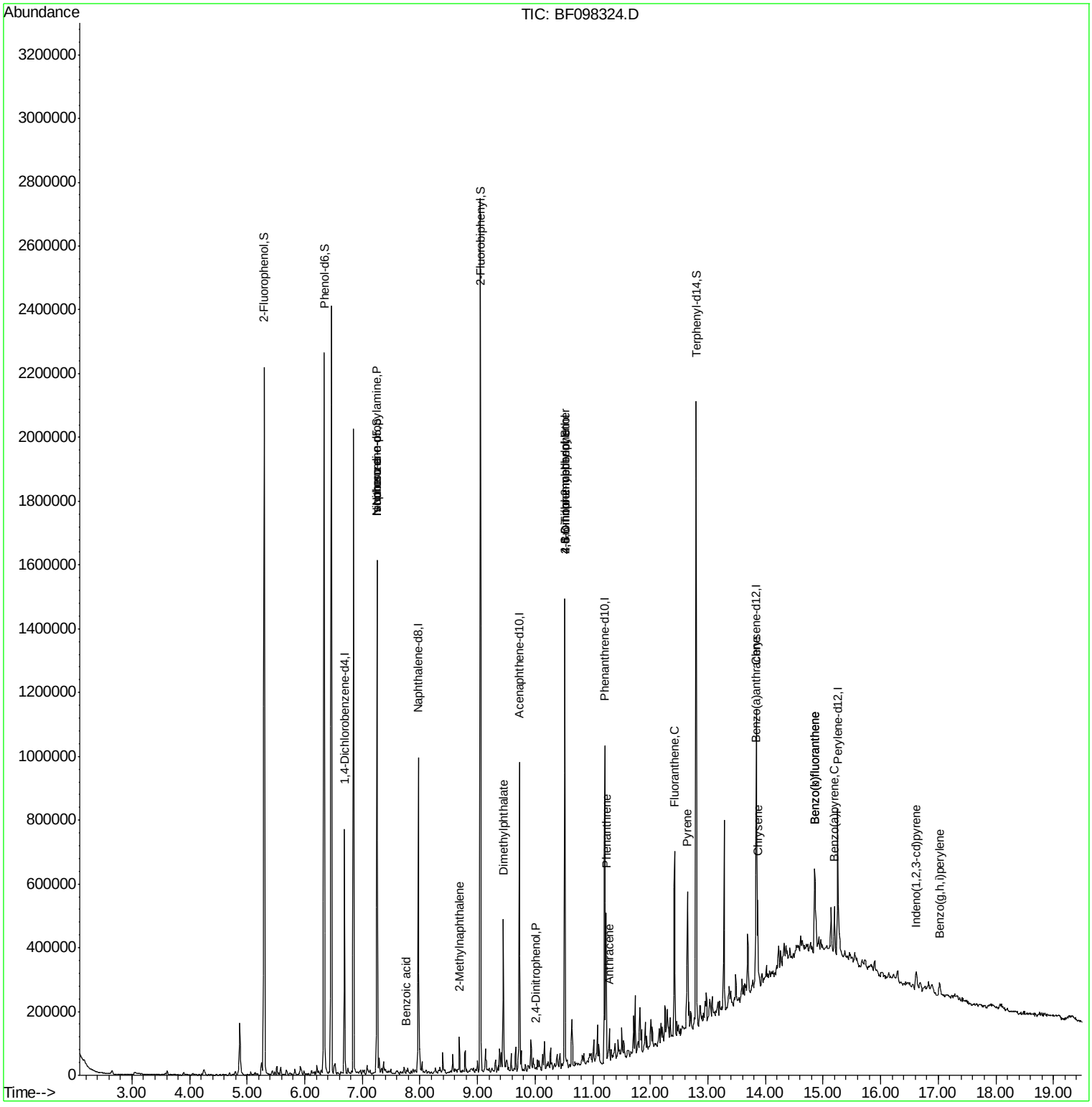
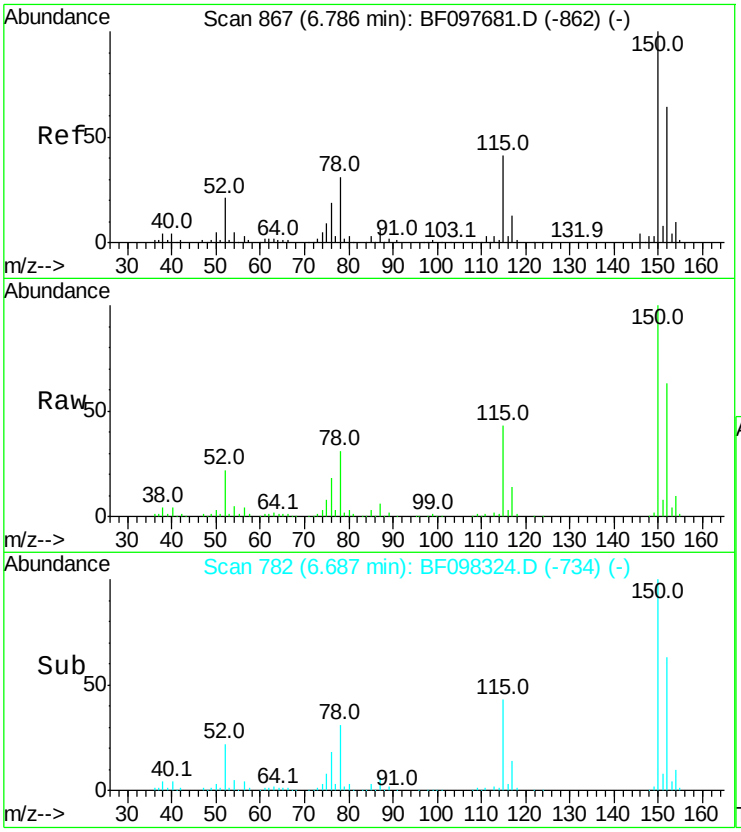


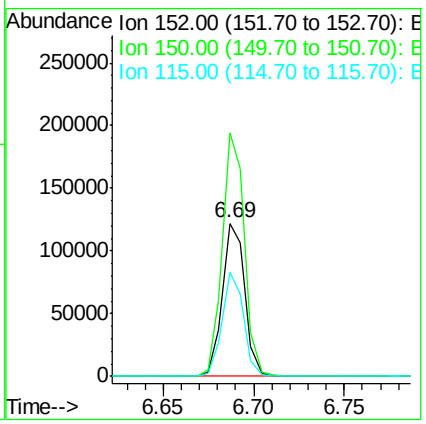


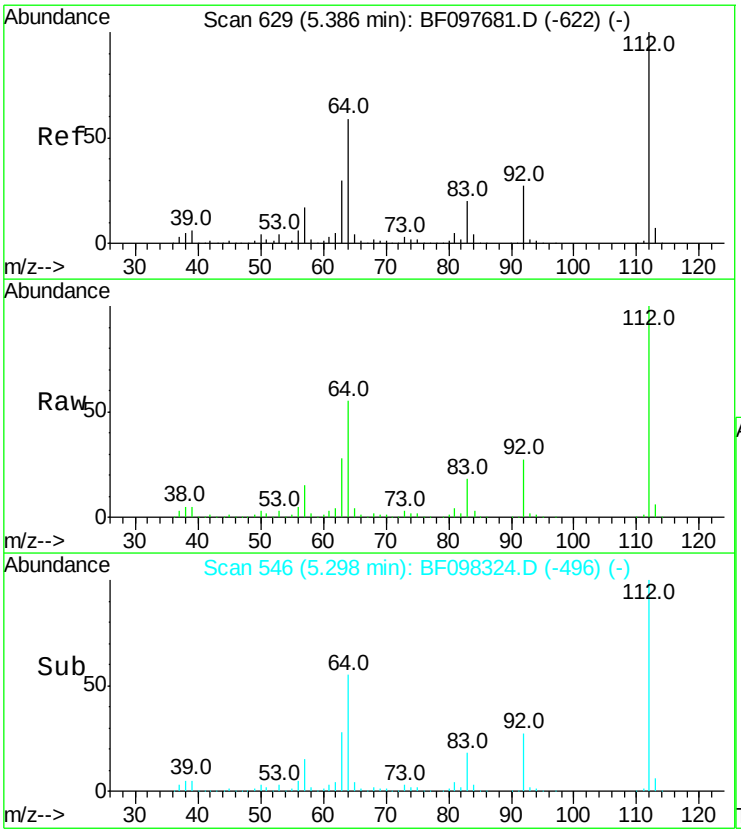
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:152 Resp: 105003

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	67.8	52.2	78.2

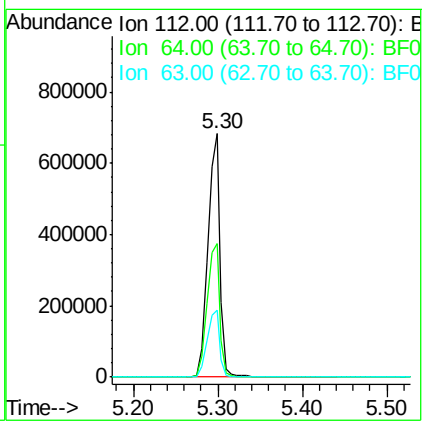


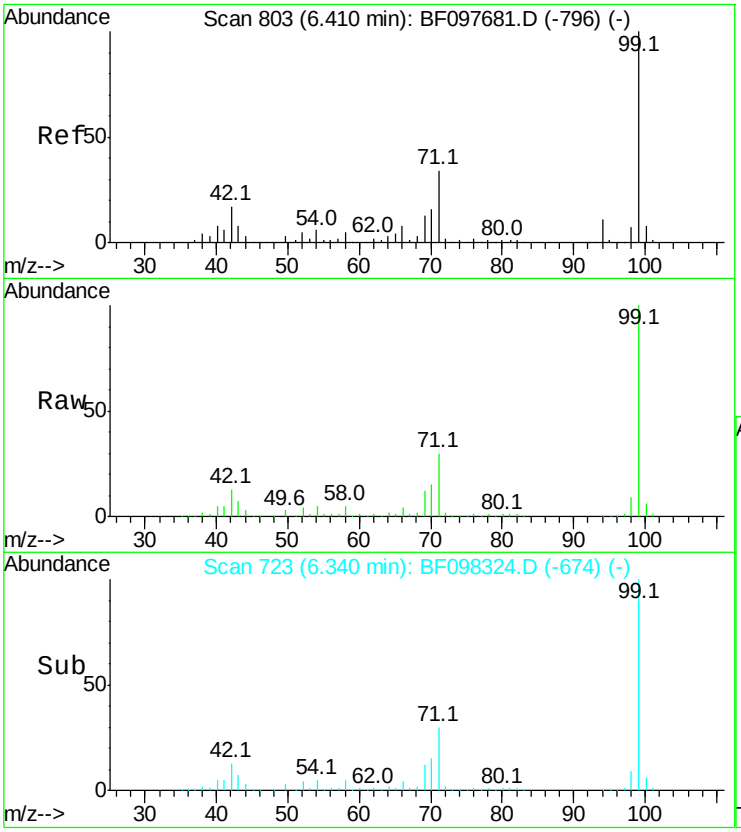


#5
2-Fluorophenol
Concen: 99.771 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:112 Resp: 688742

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.7	23.4	35.0



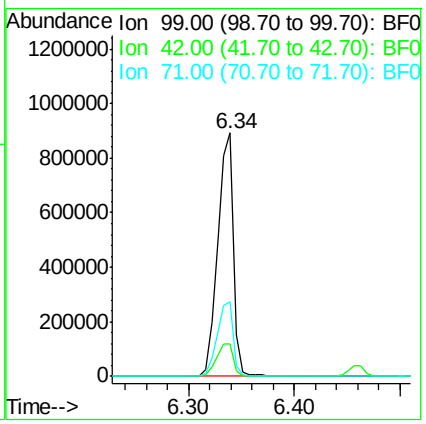


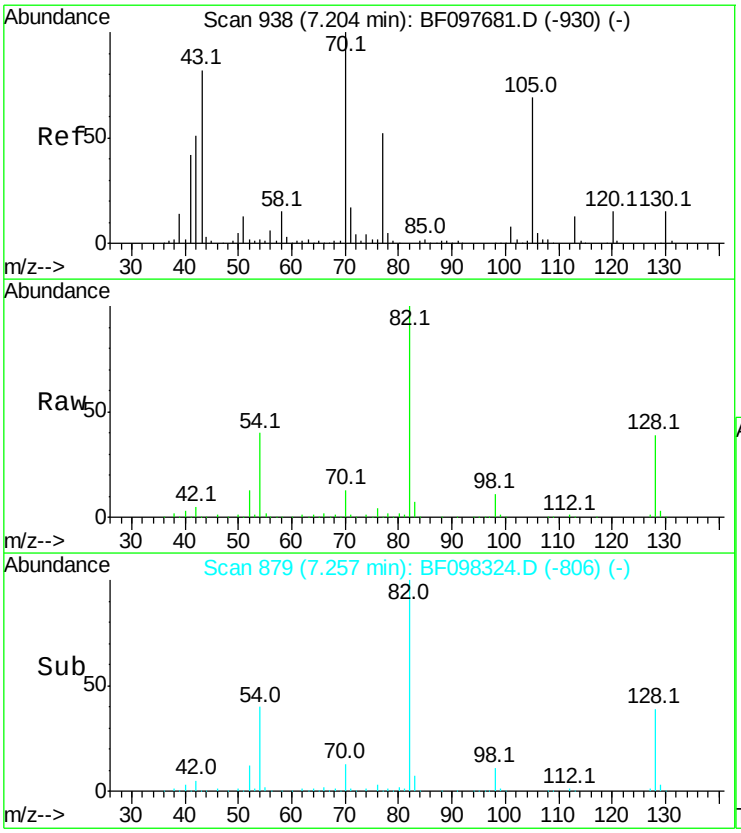
#7
Phenol-d6
Concen: 99.816 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion: 99 Resp: 936227

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.5	20.3#
71	30.5	24.5	36.7

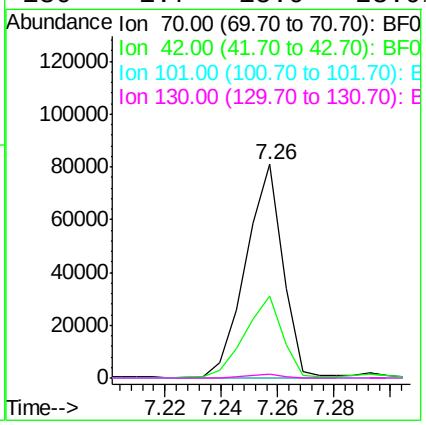


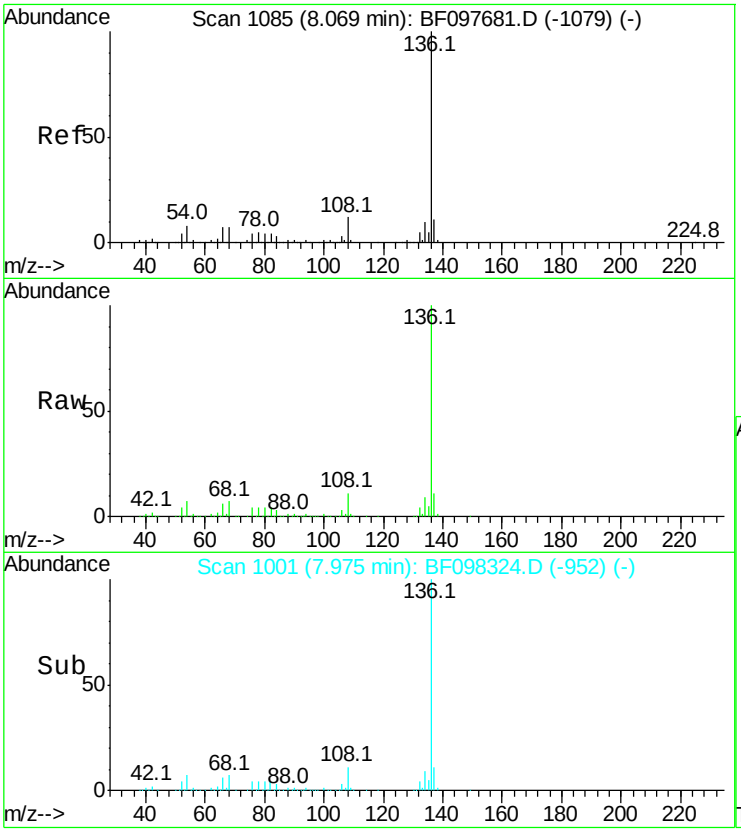


#19
n-Nitroso-di-n-propylamine
Concen: 11.564 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion: 70 Resp: 74247

Ion	Ratio	Lower	Upper
70	100		
42	38.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



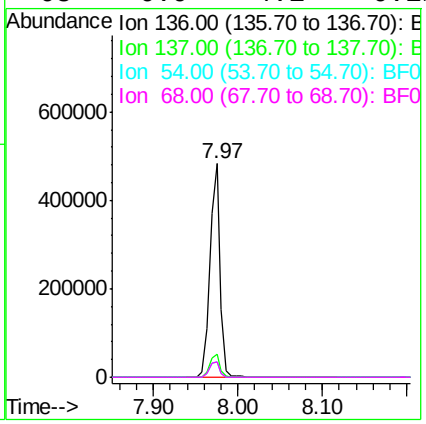


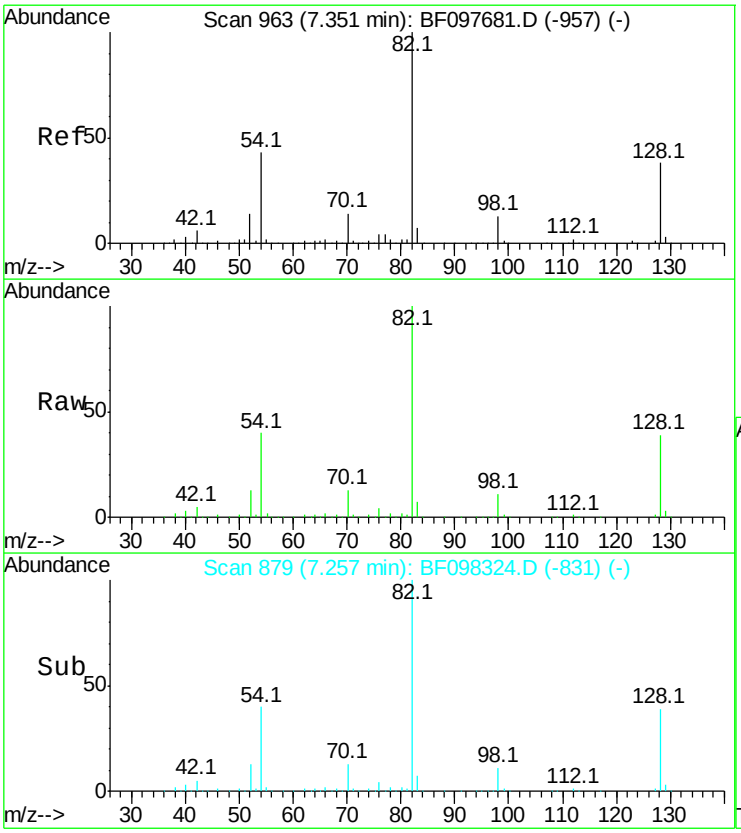
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:136 Resp: 410388

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	6.9	4.1	6.1#

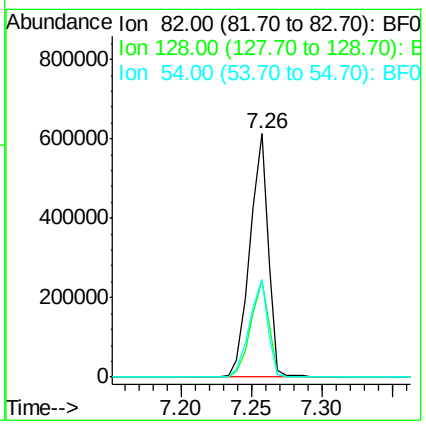


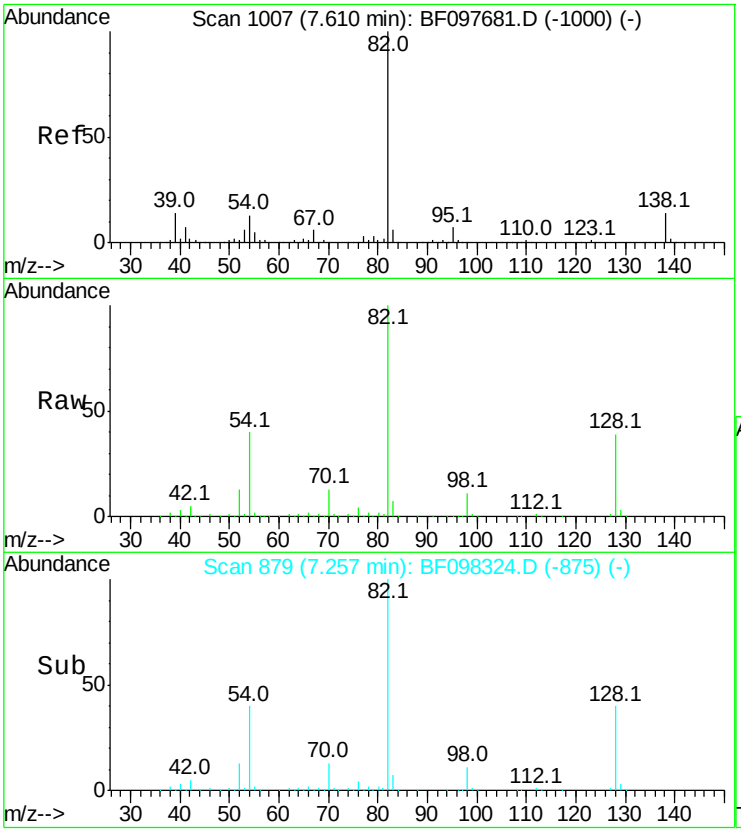


#23
Nitrobenzene-d5
Concen: 74.458 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion: 82 Resp: 562482

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	40.0	42.2	63.2#



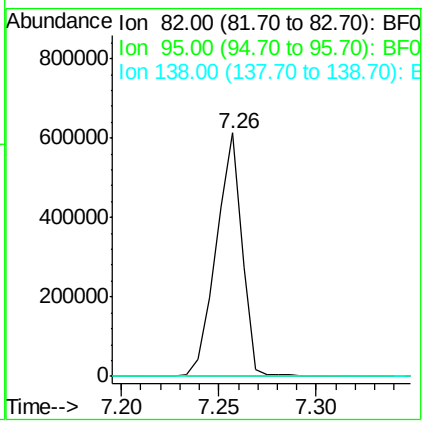


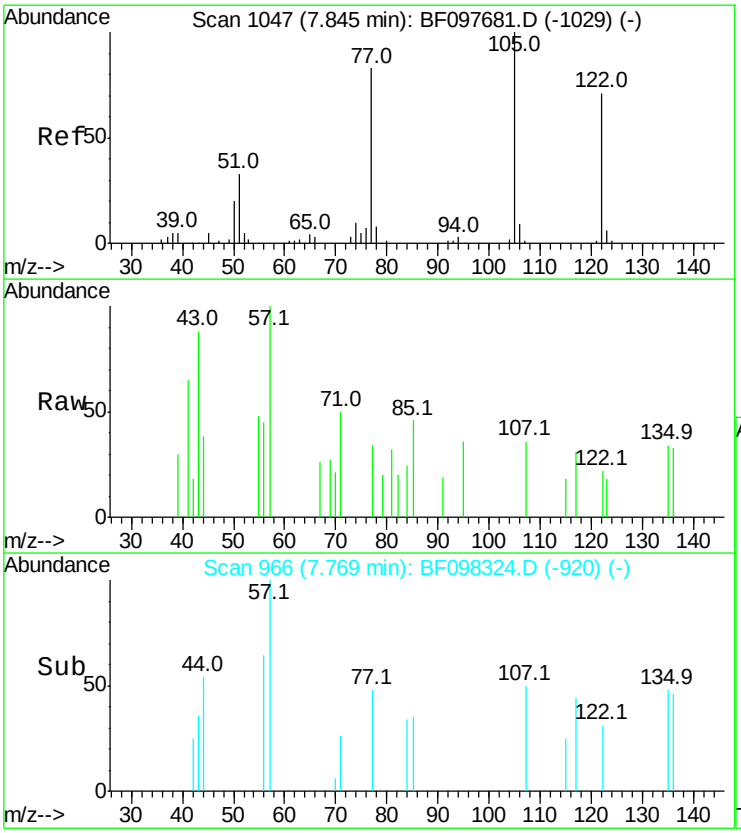
#25
Isophorone
Concen: 35.420 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion: 82 Resp: 556393

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

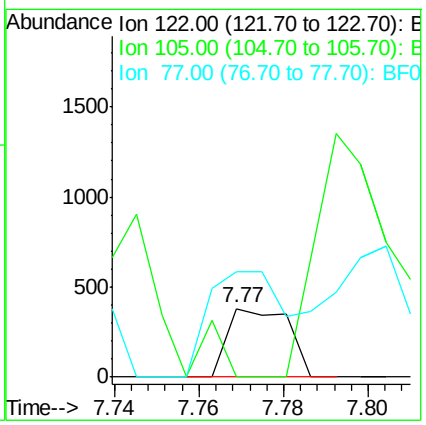


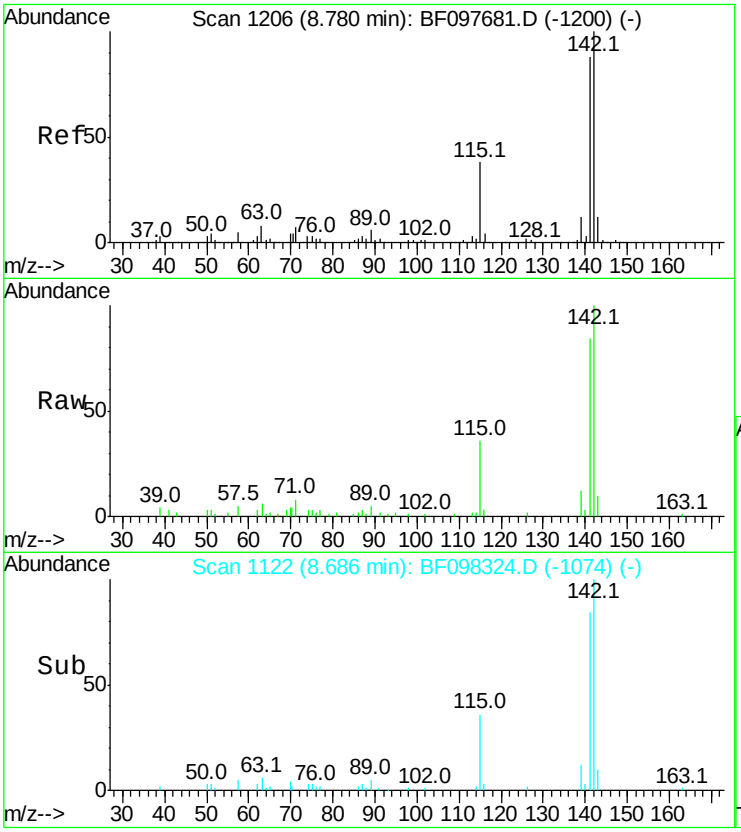


#32
Benzoic acid
Concen: 6.473 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:122 Resp: 378

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	153.2	73.7	113.7#



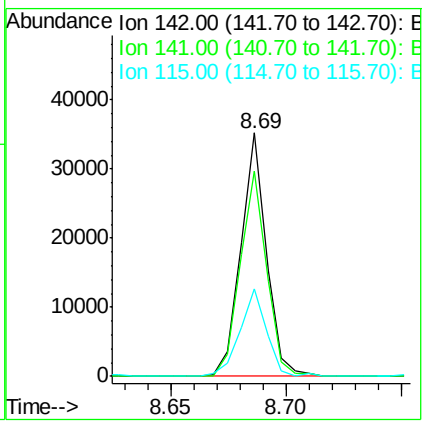


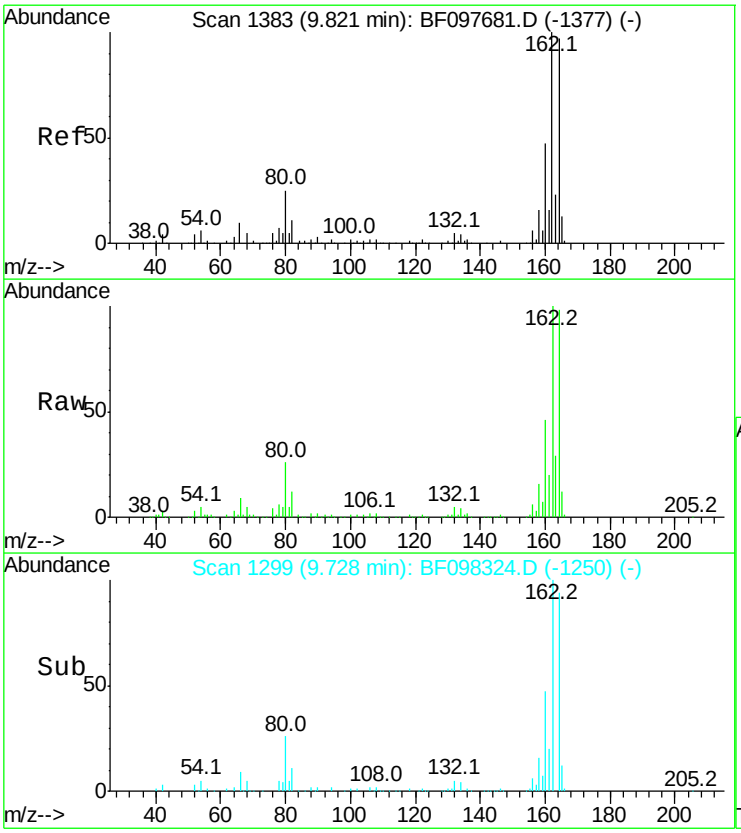
#37
2-Methylnaphthalene
Concen: 2.098 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:142 Resp: 27405

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.3	106.9
115	35.9	27.1	40.7

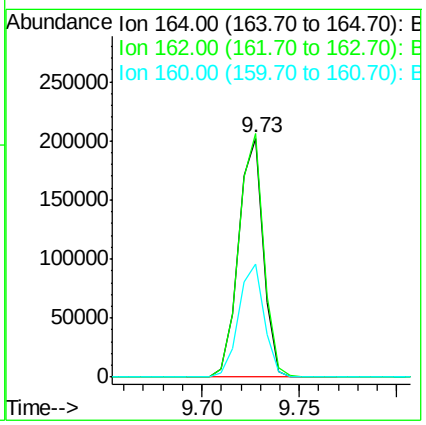


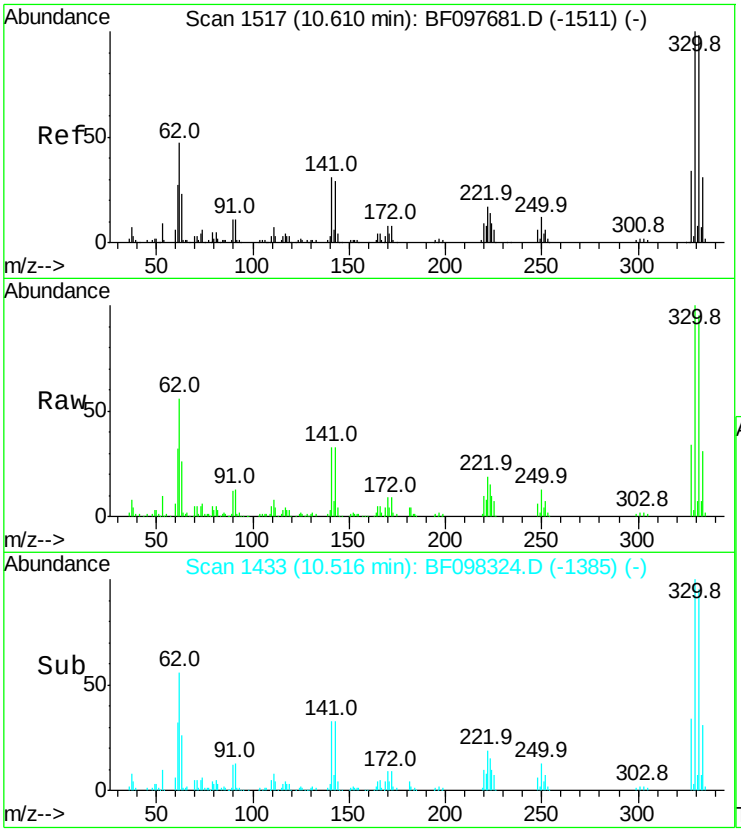


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:164 Resp: 177821

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.3	36.2	54.2



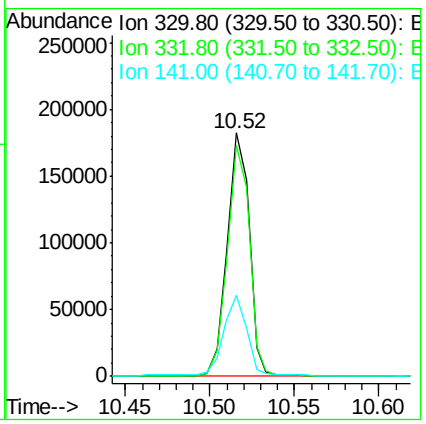


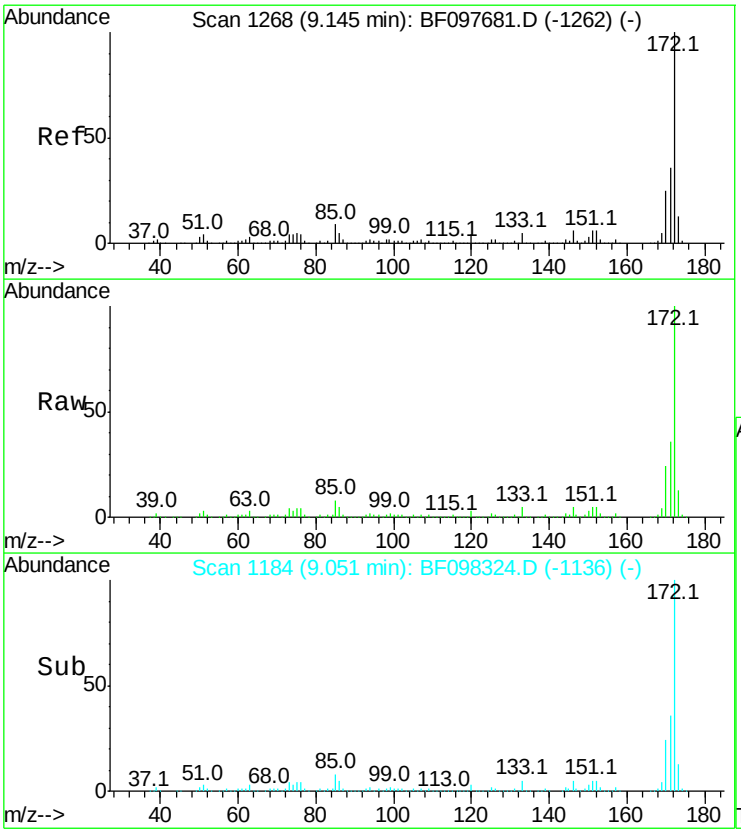
#41
2,4,6-Tribromophenol
Concen: 108.143 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:330 Resp: 166853

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	37.3	31.4	47.2

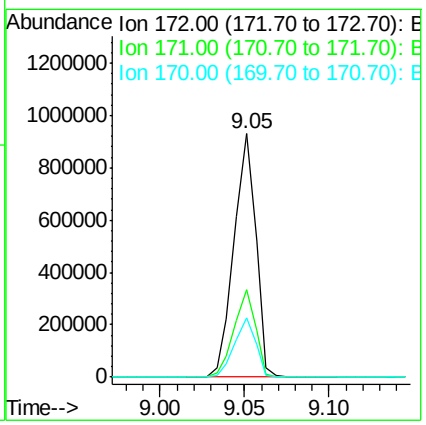


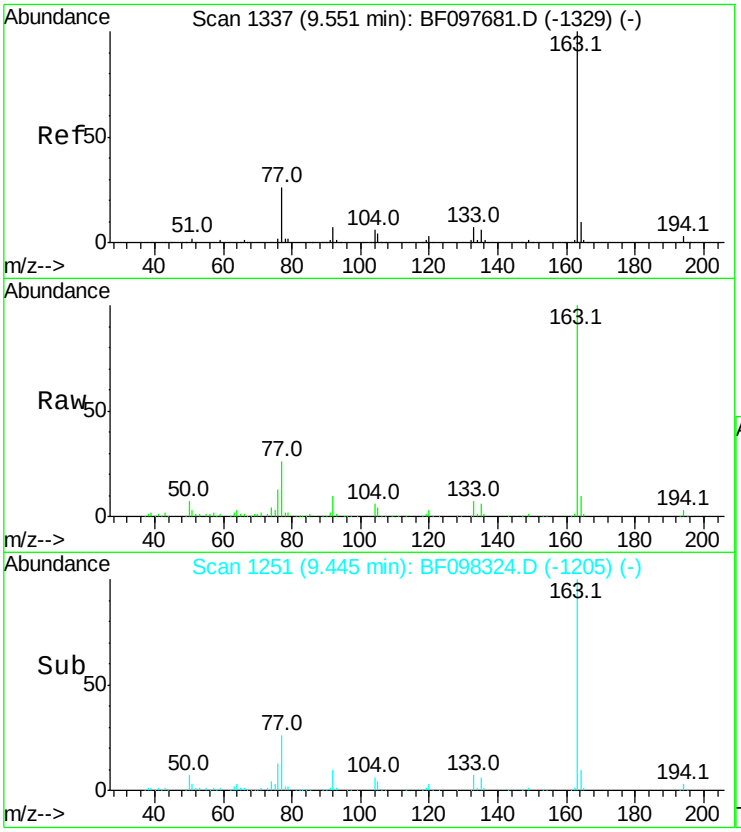


#44
2-Fluorobiphenyl
Concen: 69.265 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:172 Resp: 838329

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8



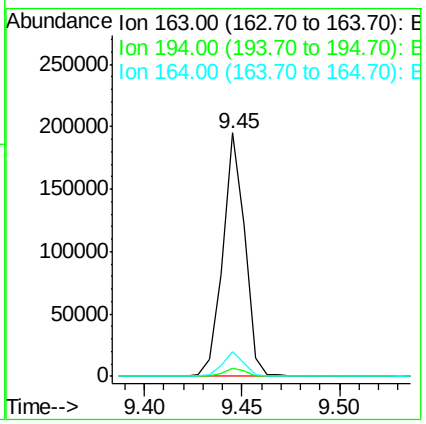


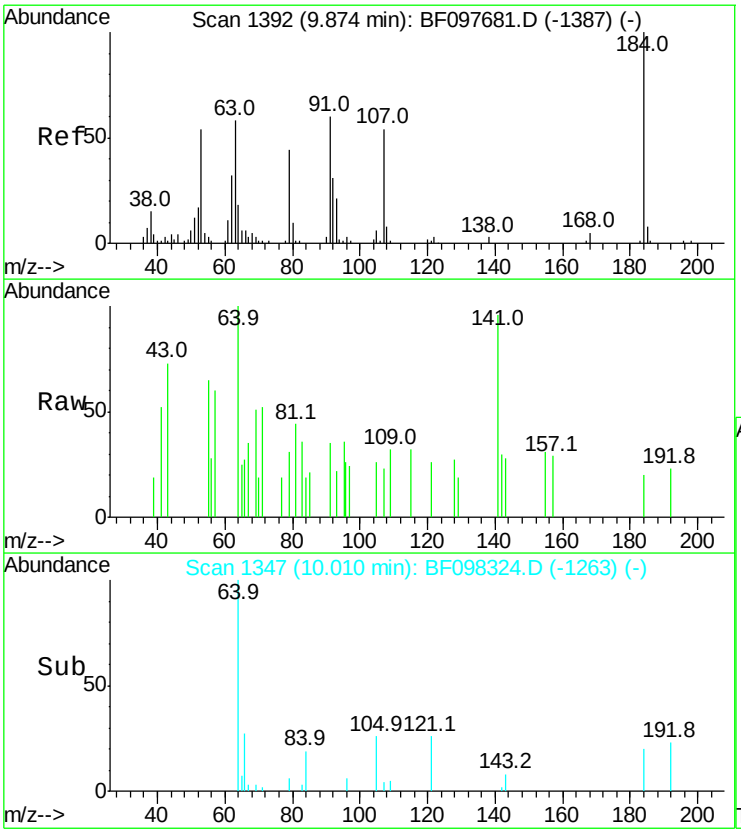
#49
Dimethylphthalate
Concen: 11.738 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:163 Resp: 152573

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6

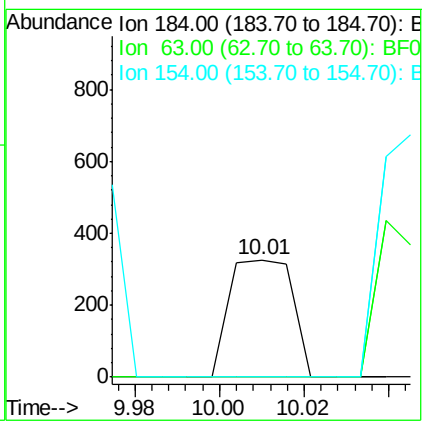


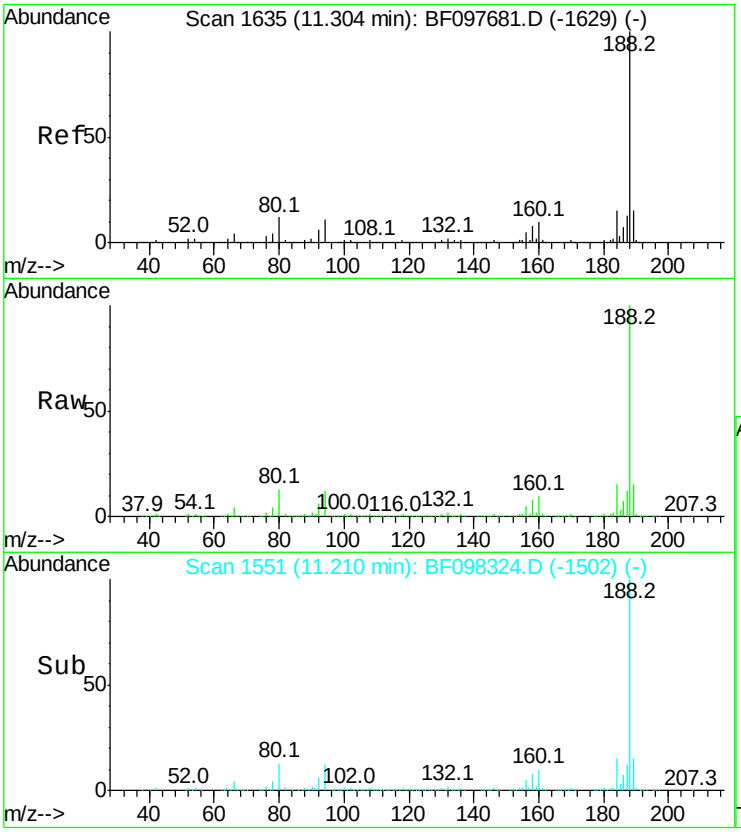


#53
2,4-Dinitrophenol
Concen: 10.382 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.19 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:184 Resp: 339

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



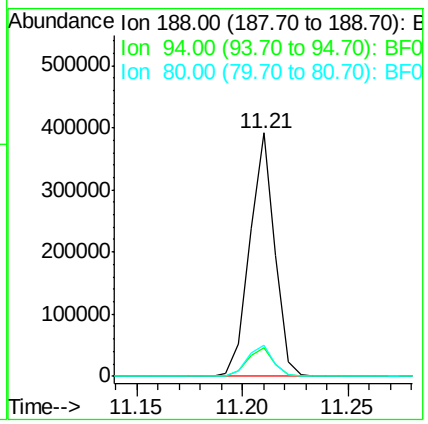


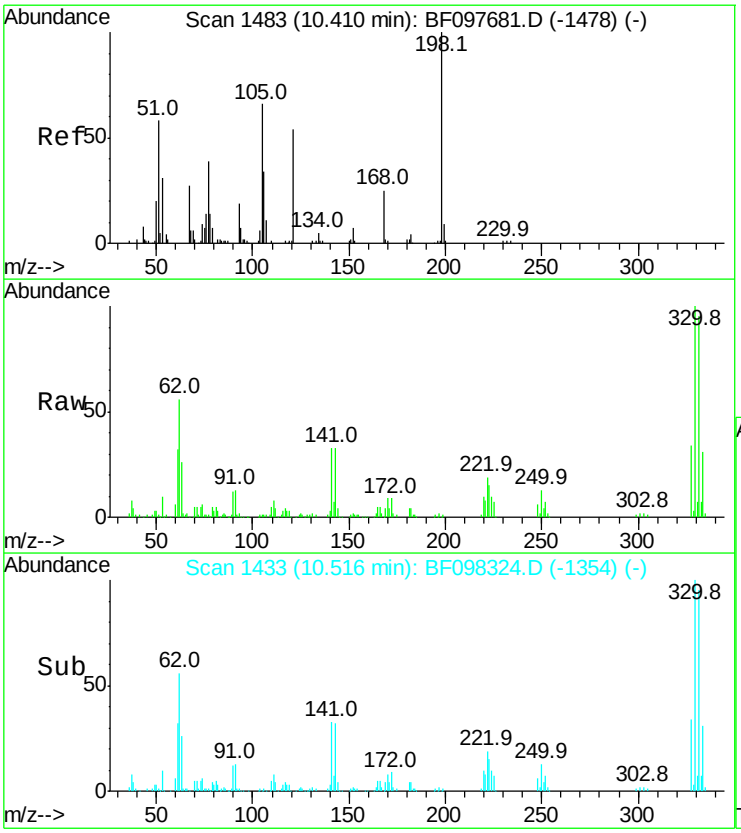
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:188 Resp: 320380

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.0	10.2	15.2

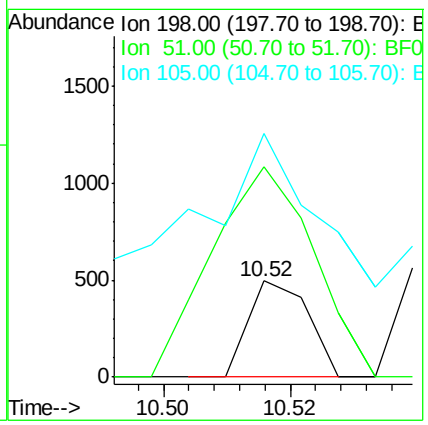


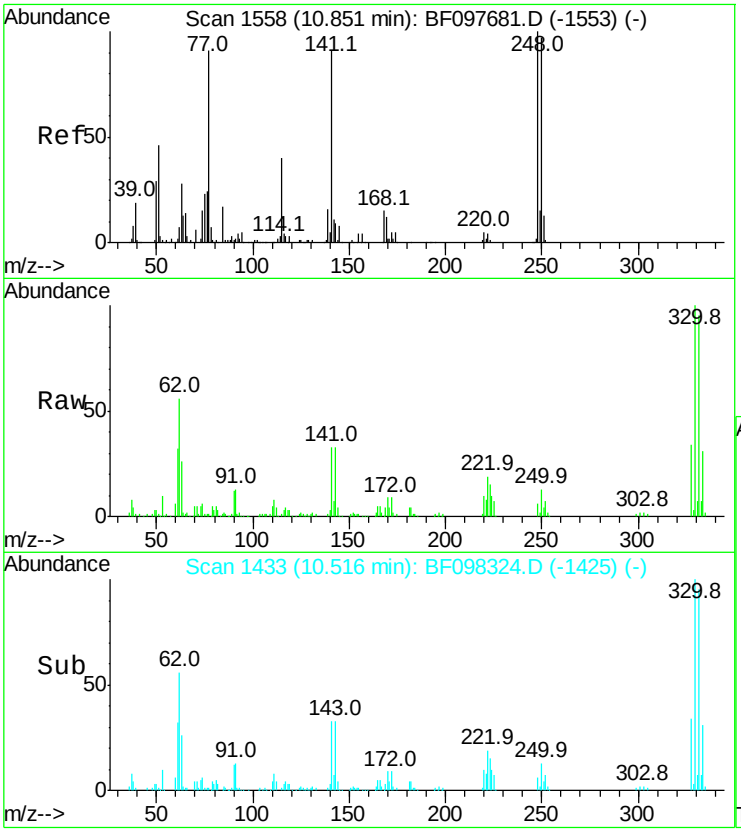


#64
4,6-Dinitro-2-methylphenol
Concen: 8.496 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:198 Resp: 320

Ion	Ratio	Lower	Upper
198	100		
51	218.5	53.2	93.2#
105	253.0	45.8	85.8#



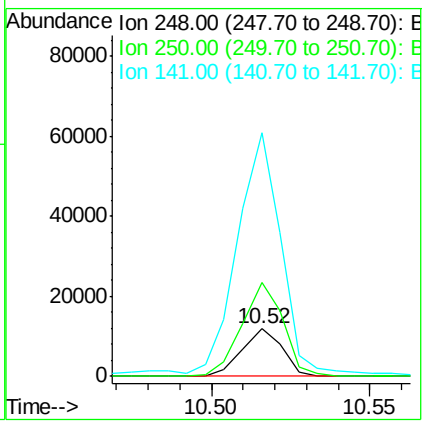


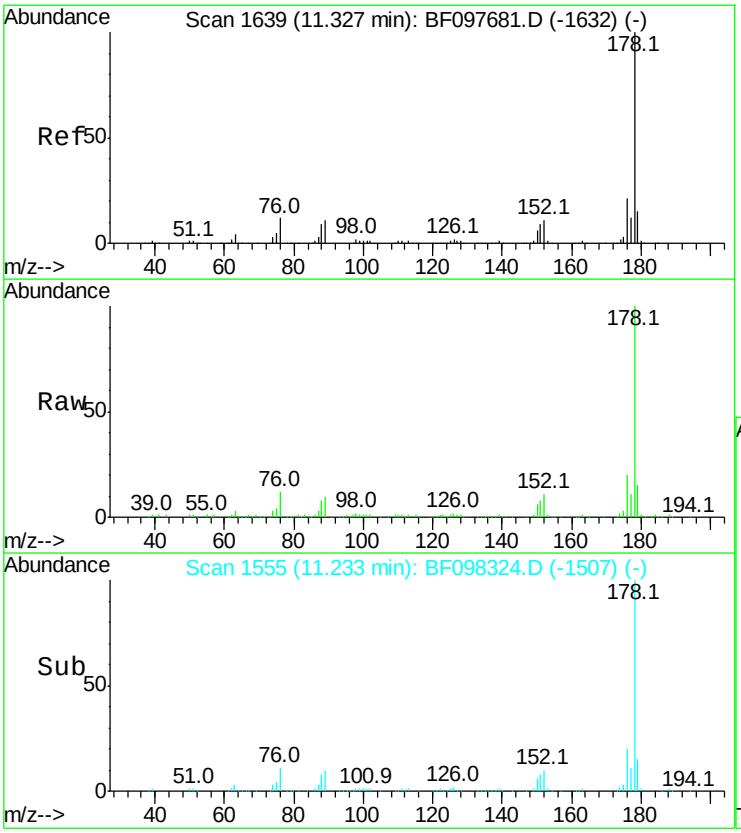
#66
4-Bromophenyl-phenylether
Concen: 3.171 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:248 Resp: 10551

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.8	115.2#
141	514.7	68.6	103.0#

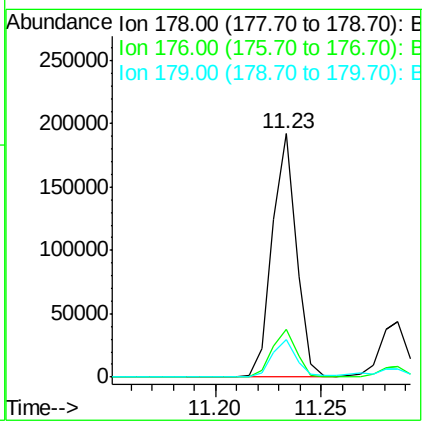


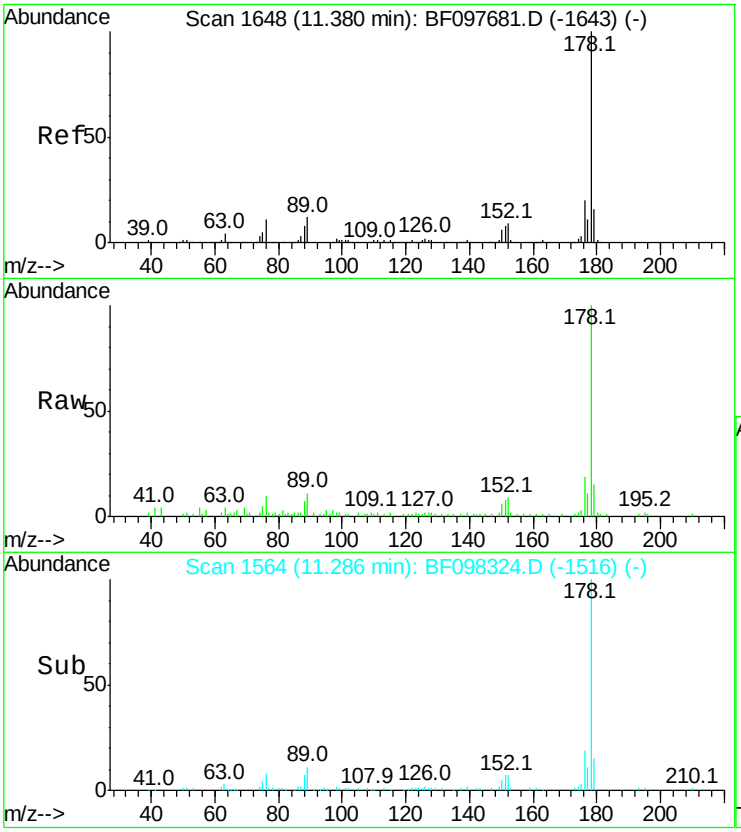


#70
Phenanthrene
Concen: 8.965 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:178 Resp: 153060

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0



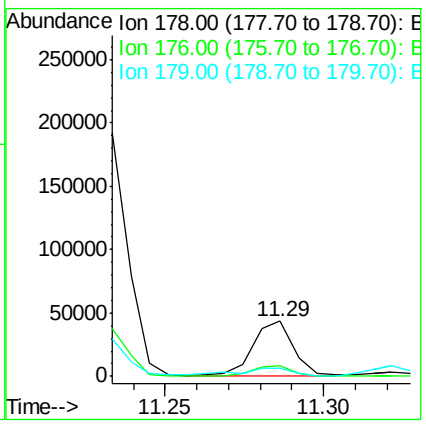


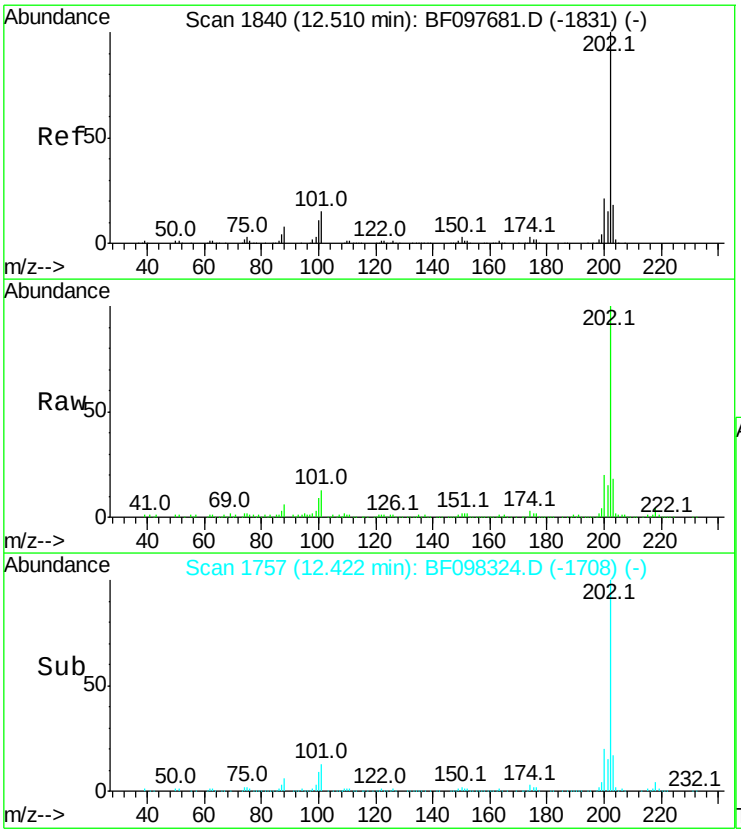
#71
Anthracene
Concen: 2.188 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:178 Resp: 37884

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.0	12.7	19.1

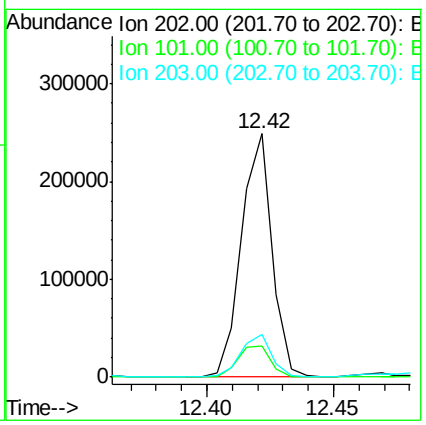


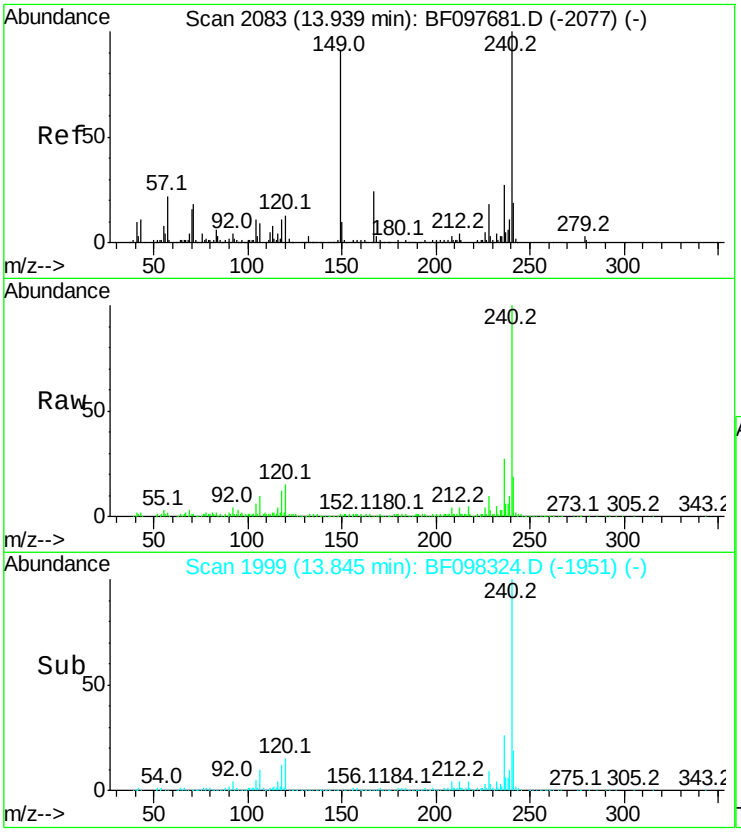


#74
Fluoranthene
Concen: 11.662 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:202 Resp: 207813

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.6	0.0	38.1



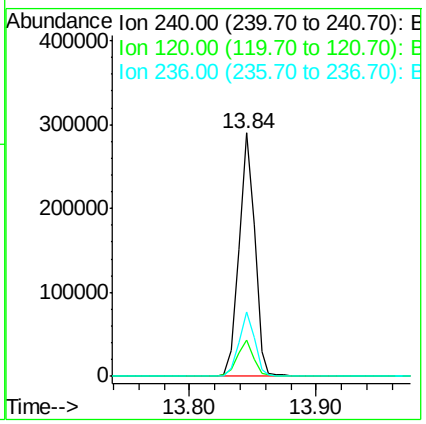


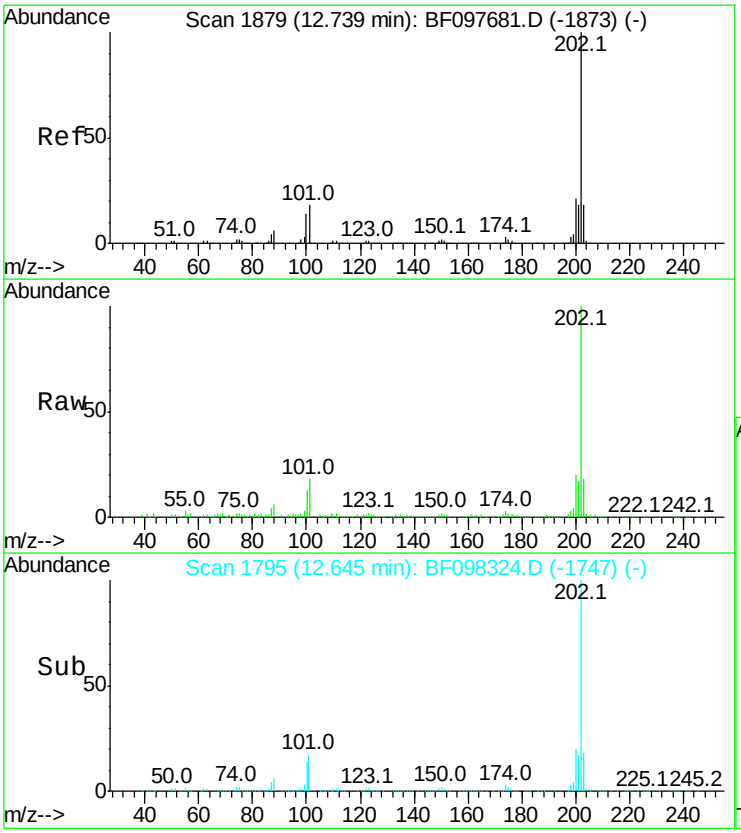
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:240 Resp: 245250

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.5	20.5	30.7

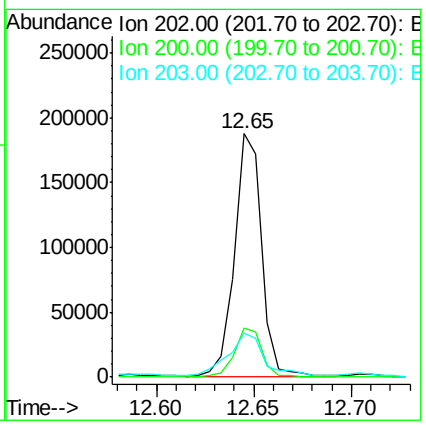


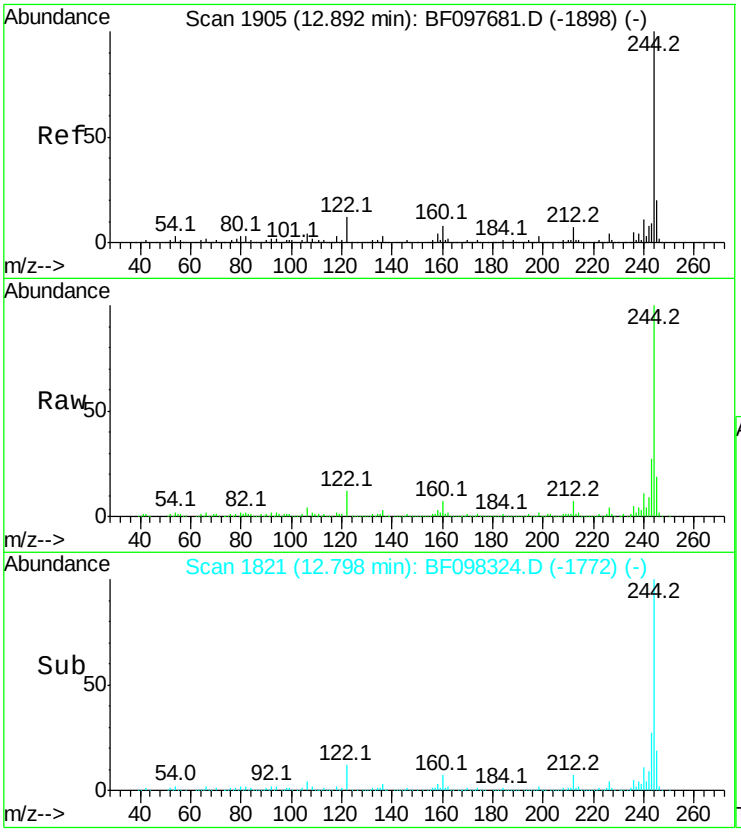


#77
Pyrene
Concen: 8.898 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:202 Resp: 178473

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	18.1	14.4	21.6



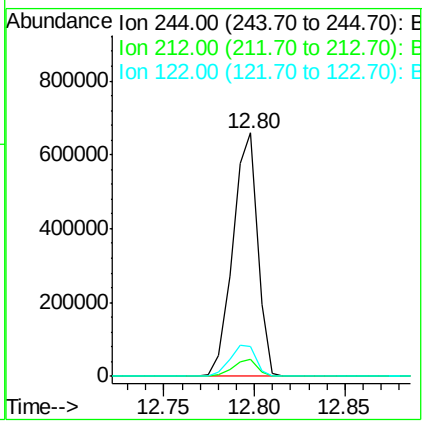


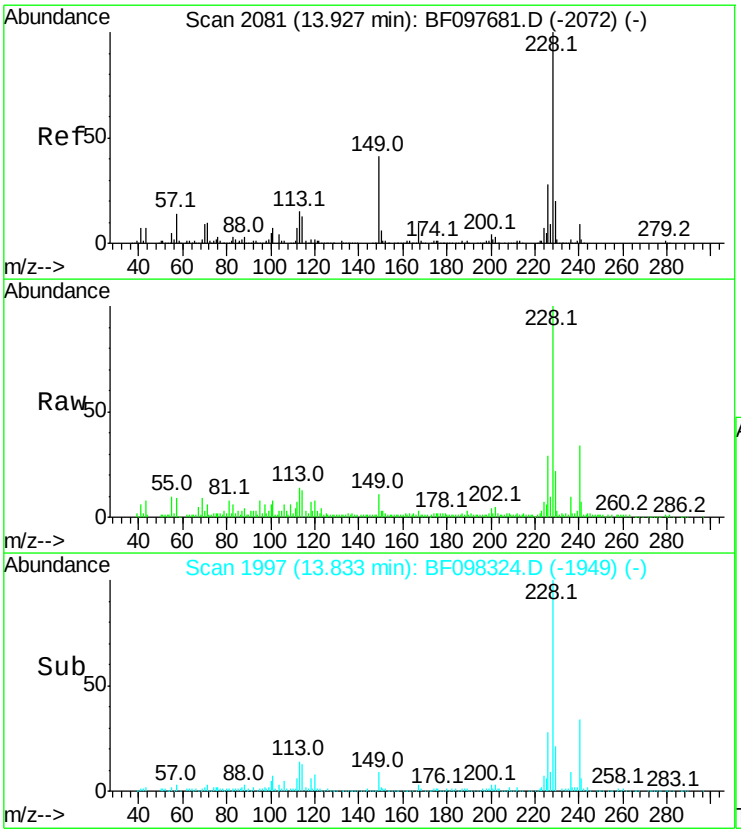
#78
Terphenyl-d14
Concen: 53.359 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:244 Resp: 627535

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.2	10.3	15.5

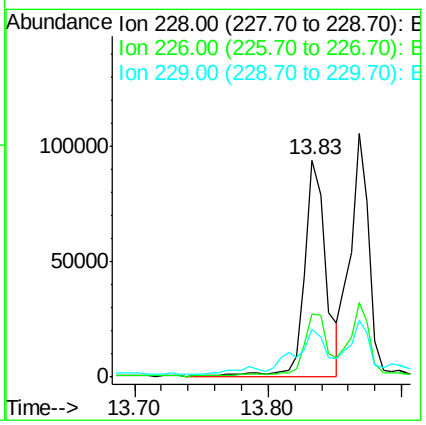


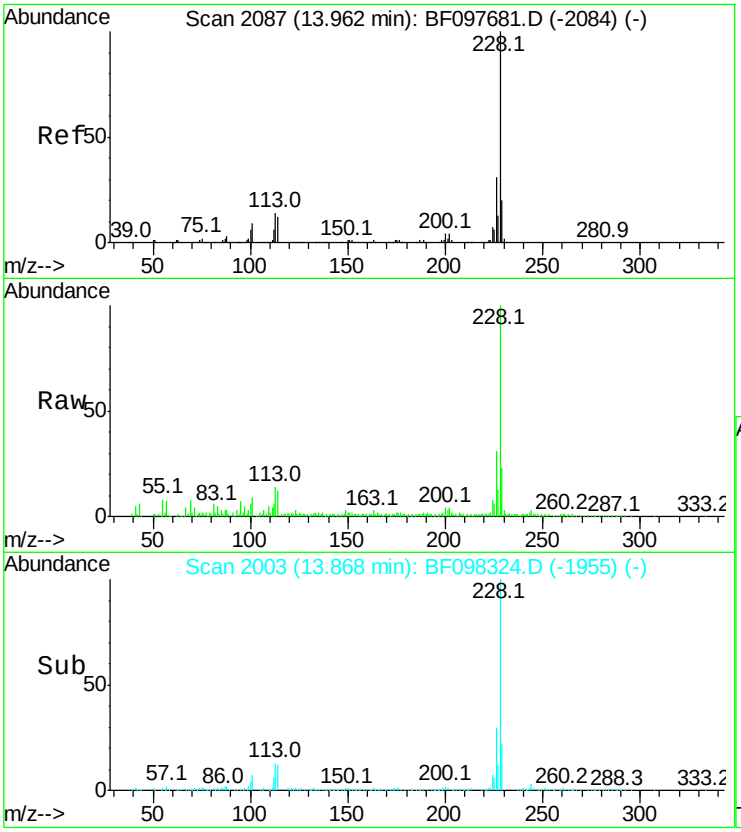


#80
Benzo(a)anthracene
Concen: 6.931 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:228 Resp: 101884

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	16.3	24.5



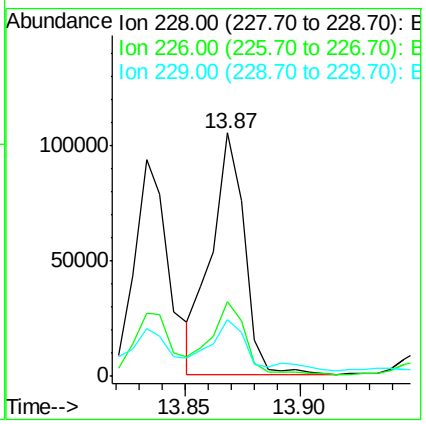


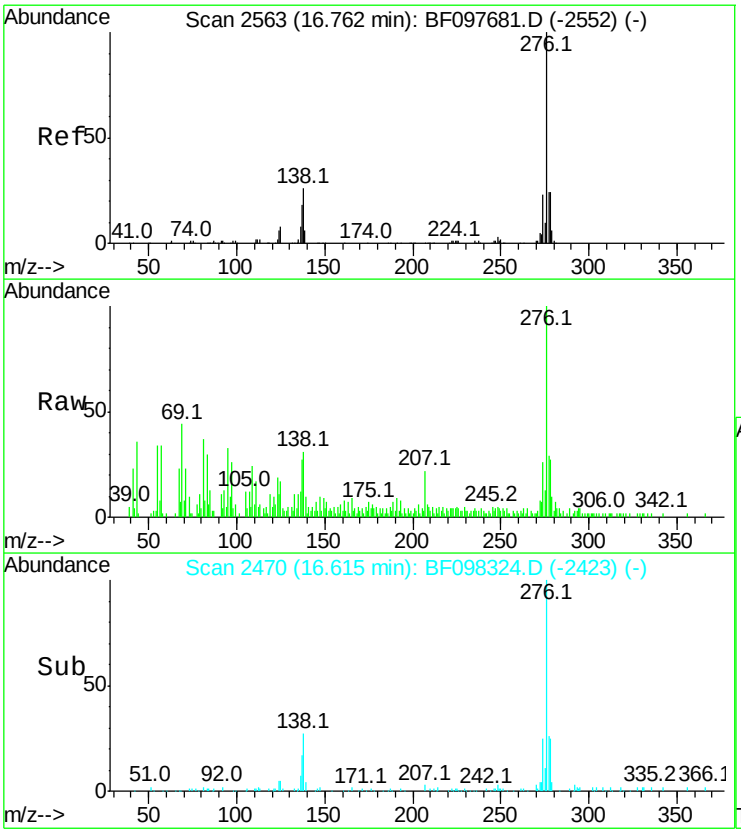
#82
Chrysene
Concen: 7.144 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:228 Resp: 104460

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.2	15.8	23.6

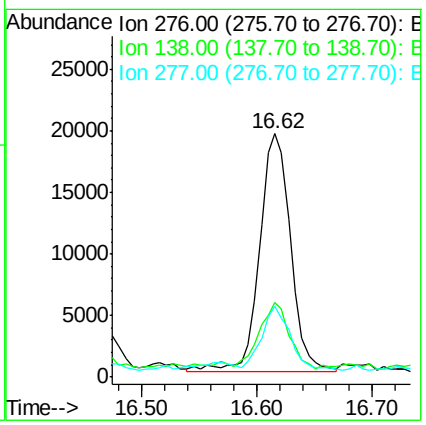


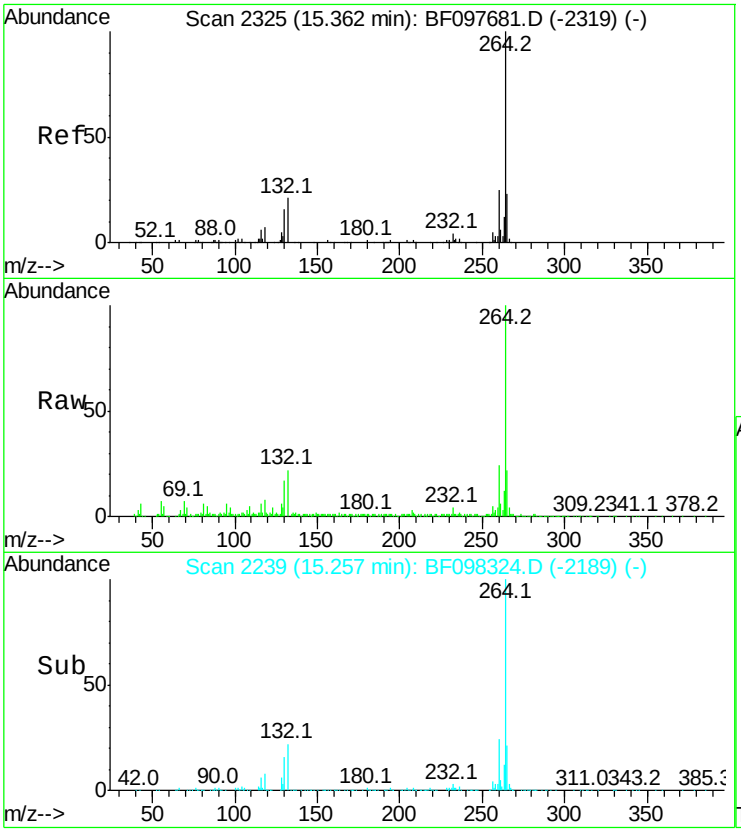


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.378 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:276 Resp: 36334

Ion	Ratio	Lower	Upper
276	100		
138	26.8	27.8	41.6#
277	24.3	20.2	30.4



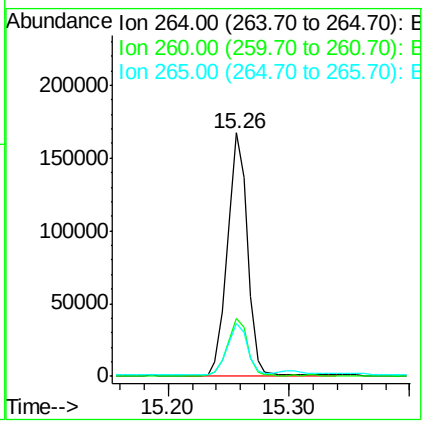


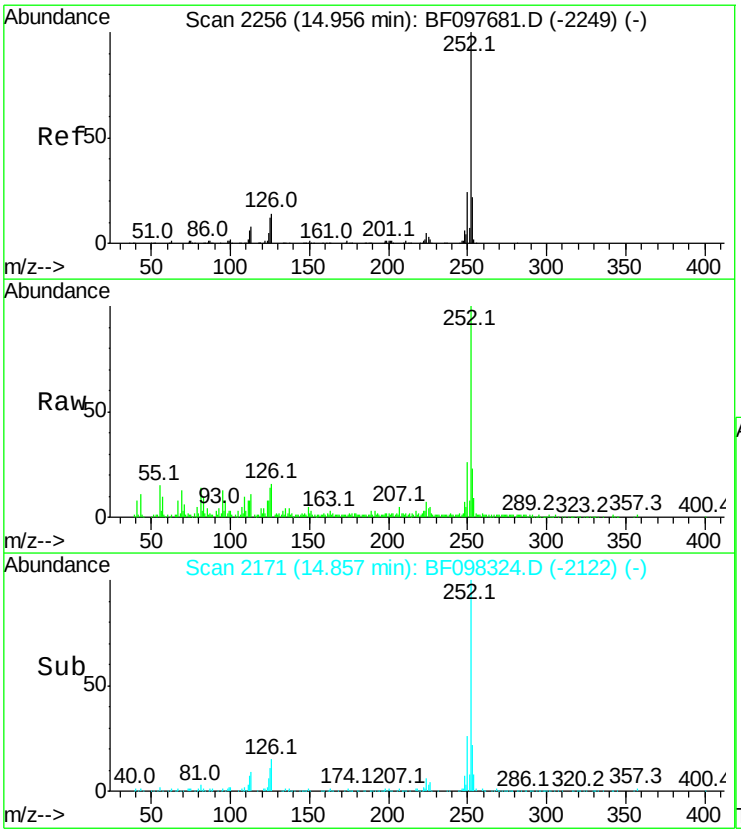
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:264 Resp: 192123

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

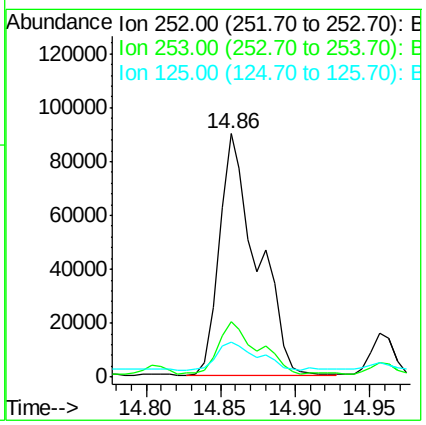


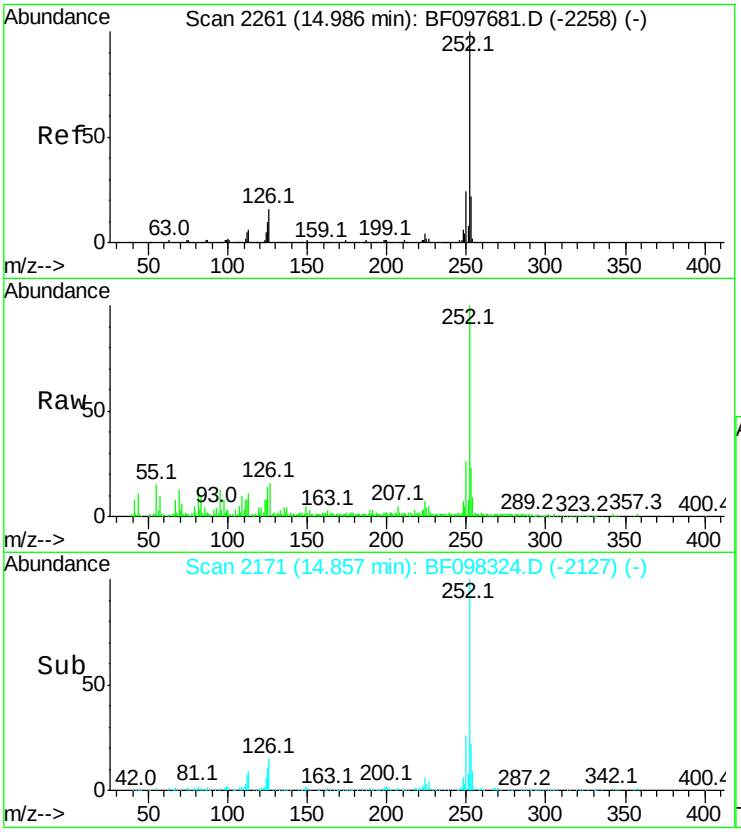


#87
Benzo(b)fluoranthene
Concen: 12.926 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:252 Resp: 156534

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.4	9.8	14.8



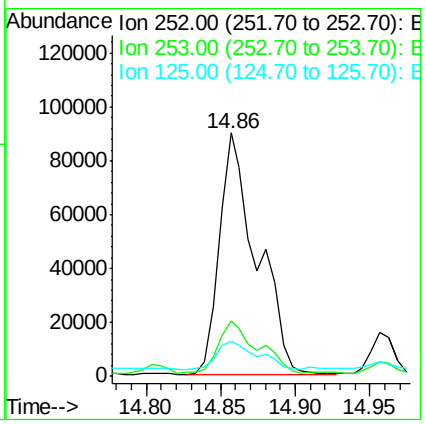


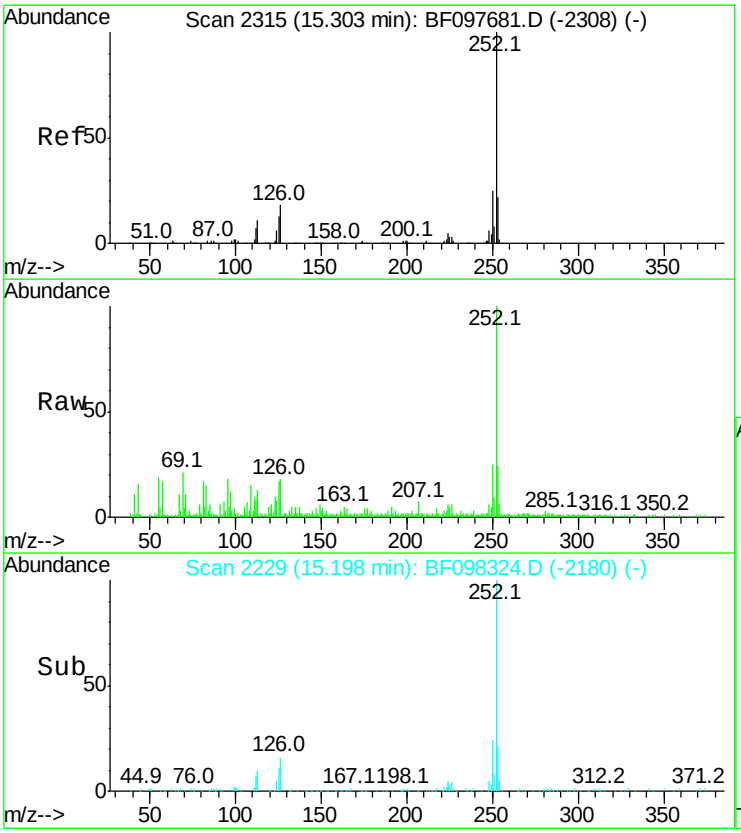
#88
Benzo(k)fluoranthene
Concen: 13.758 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:252 Resp: 156534

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	14.4	13.1	19.7

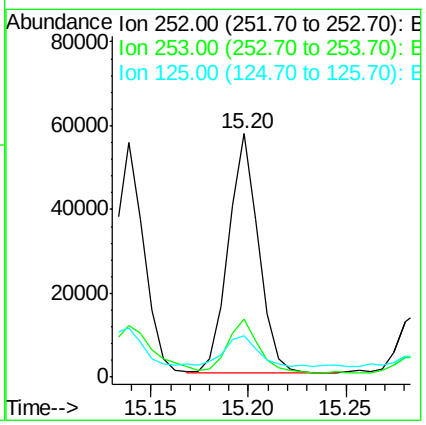


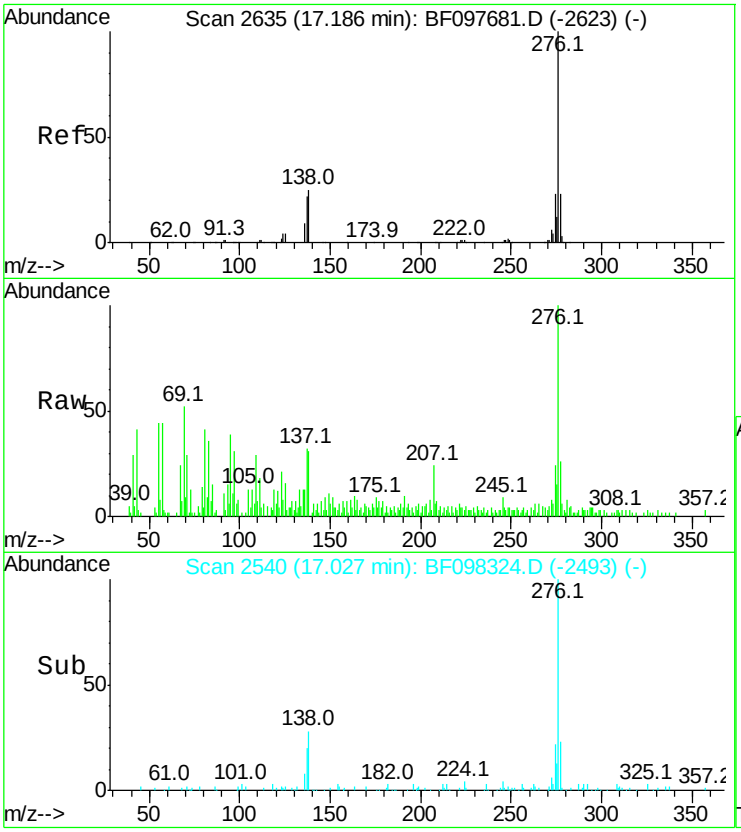


#89
Benzo(a)pyrene
Concen: 5.710 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:252 Resp: 61219

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	17.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.287 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tgt Ion:276 Resp: 29935

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	31.1	25.4	38.0