Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098338.D
Acq On : 8 Sep 2017 3:15
Operator : SJ/JU
Sample : I5131-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 090517-TIDO-F-D-B

Quant Time: Sep 08 04:21:11 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	103423	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	397608	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	165844	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	300218	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	239723	20.00	ng	-0.02
86) Perylene-d12	15.25	264	166554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	328729	48.35	ng	-0.01
7) Phenol-d6	6.33	99	285914	30.95	ng	-0.02
23) Nitrobenzene-d5	7.26	82	713719	97.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	137867	95.81	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1064714	94.32	ng	-0.01
78) Terphenyl-d14	12.80	244	832359	72.41	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	12603	2.154	ng	# 69
19) n-Nitroso-di-n-propylamine	7.26	70	92611	14.644	ng	# 68
25) Isophorone	7.26	82	713324	46.870	ng	# 67
31) Naphthalene	8.00	128	458379	22.206	ng	99
32) Benzoic acid	7.78	122	531	6.504	ng	# 23
33) 4-Chloroaniline	8.00	127	60856	6.991	ng	# 34
37) 2-Methylnaphthalene	8.69	142	75790	5.989	ng	98
49) Dimethylphthalate	9.44	163	25445	2.099	ng	98
50) 2,6-Dinitrotoluene	9.73	165	22321	9.224	ng	# 34
51) Acenaphthene	9.76	154	106256	9.601	ng	97
54) Dibenzofuran	9.93	168	112251	7.568	ng	99
55) 4-Nitrophenol	9.93	139	41277	16.574	ng	# 28
56) 2,4-Dinitrotoluene	9.73	165	22321	7.350	ng	# 33
57) Fluorene	10.27	166	95713	8.346	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	249	8.466	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8869	2.845	ng	# 1
70) Phenanthrene	11.23	178	276888	17.308	ng	98
72) Carbazole	11.44	167	31016	2.014	ng	# 96
74) Fluoranthene	12.42	202	100901	6.043	ng	97
77) Pyrene	12.64	202	64428	3.286	ng	97

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

Quantitation Report (Not Reviewed)

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090517-TIDO-F-D-B

Quant Time: Sep 08 04:21:11 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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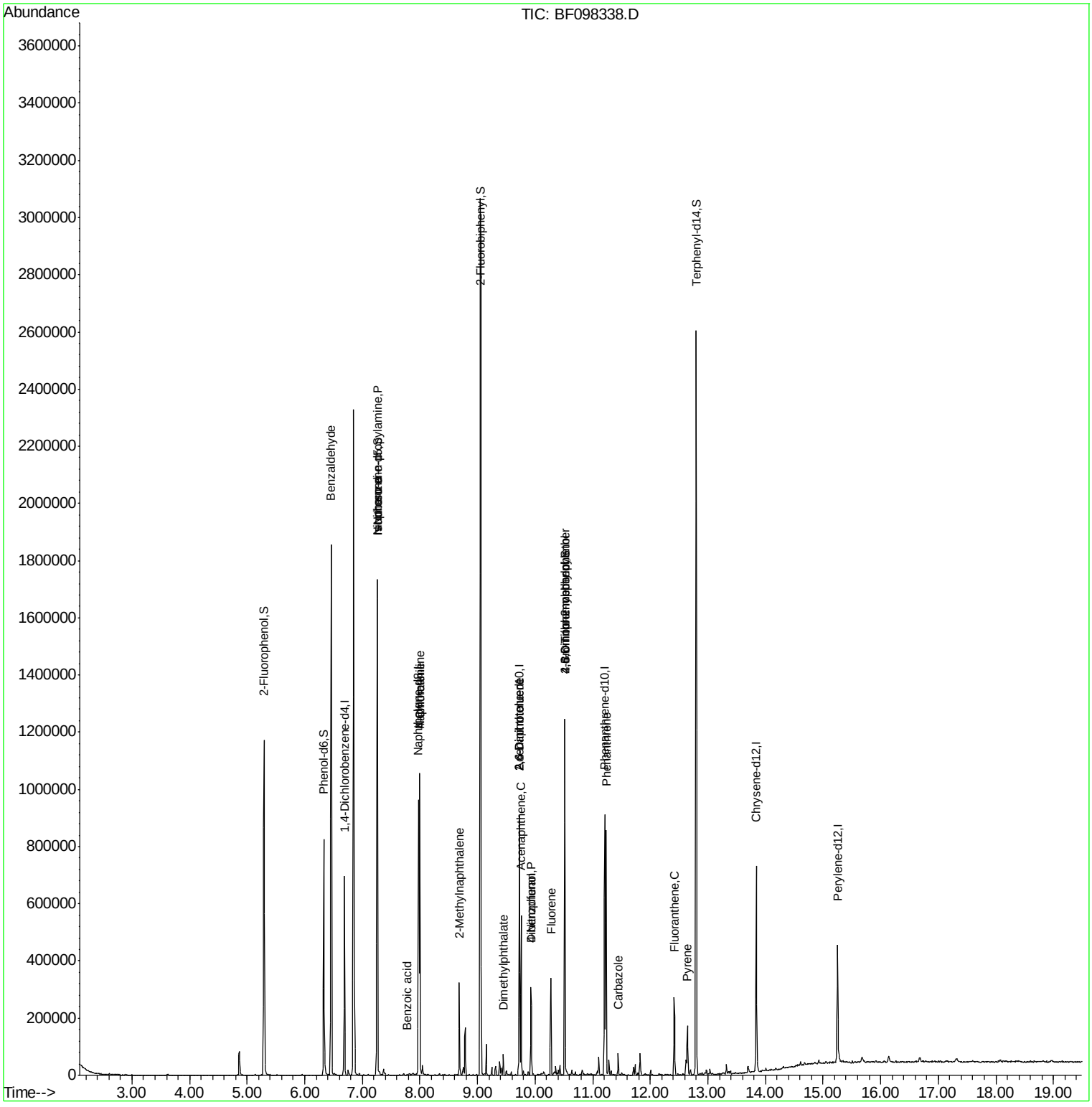
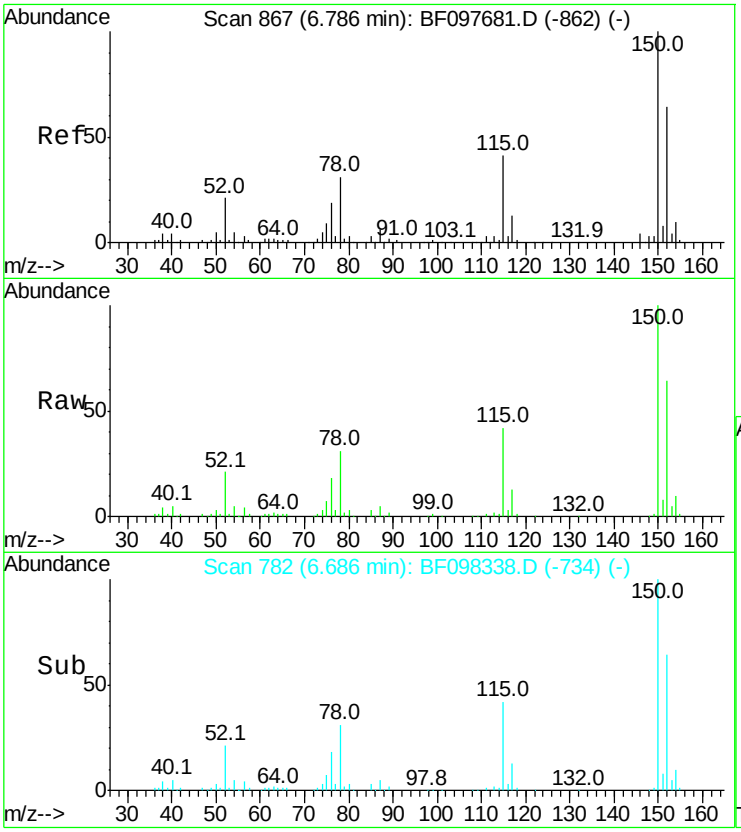


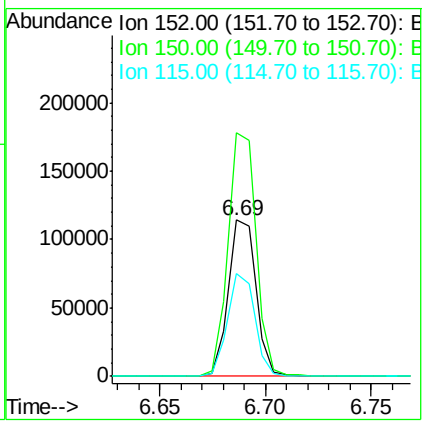


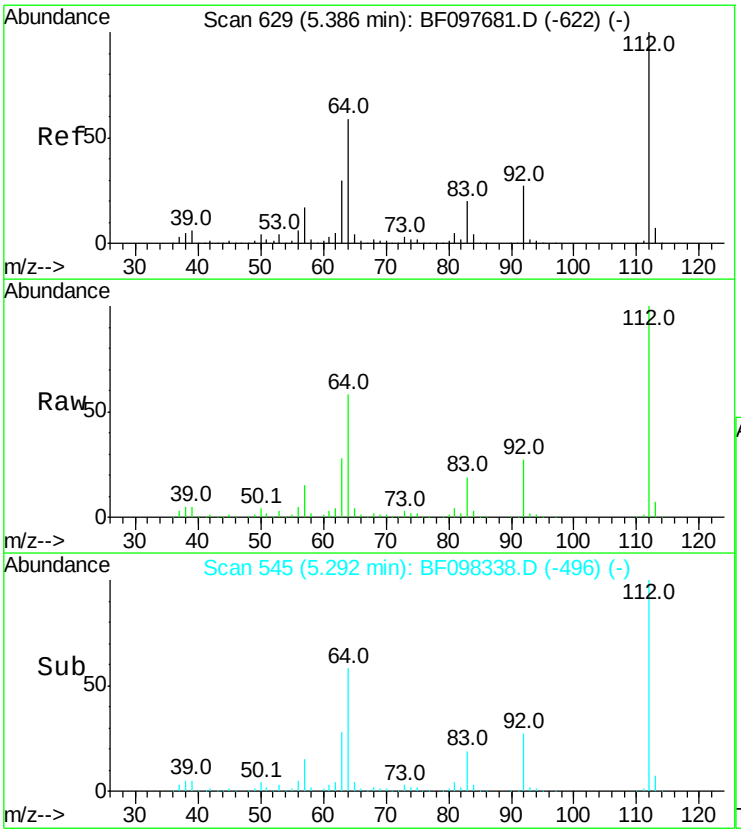
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:152 Resp: 103423

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	66.0	52.2	78.2

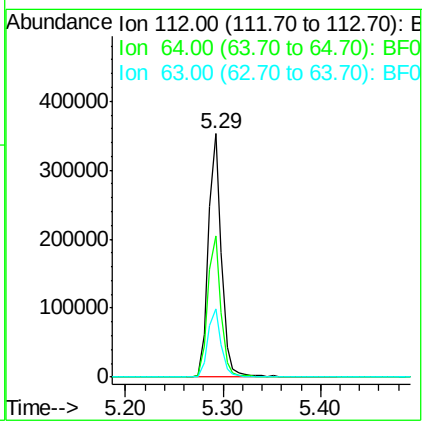


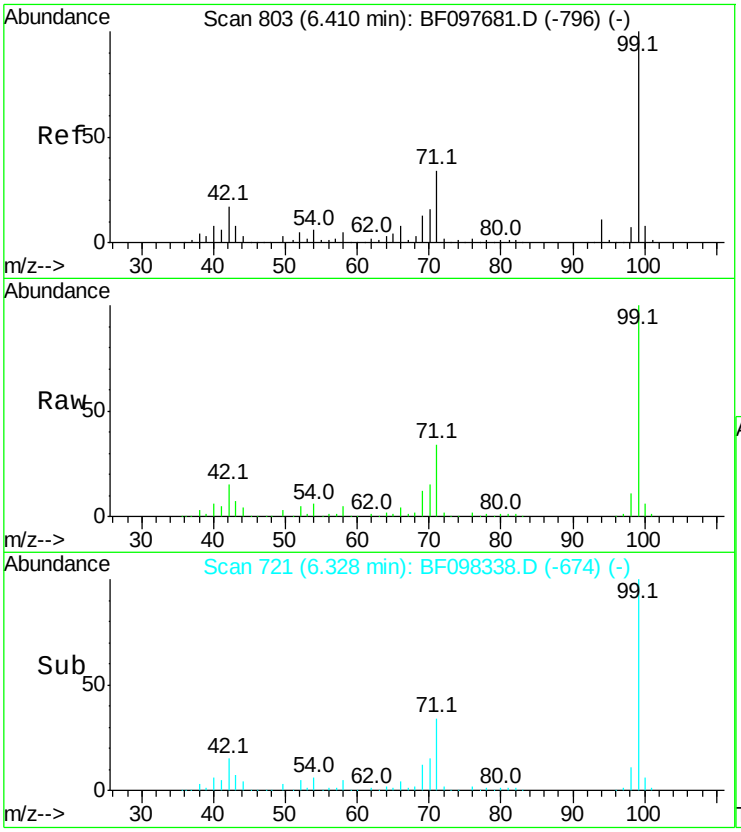


#5
2-Fluorophenol
Concen: 48.347 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:112 Resp: 328729

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.2	23.4	35.0



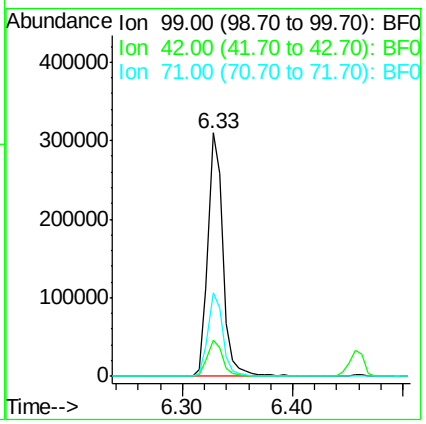


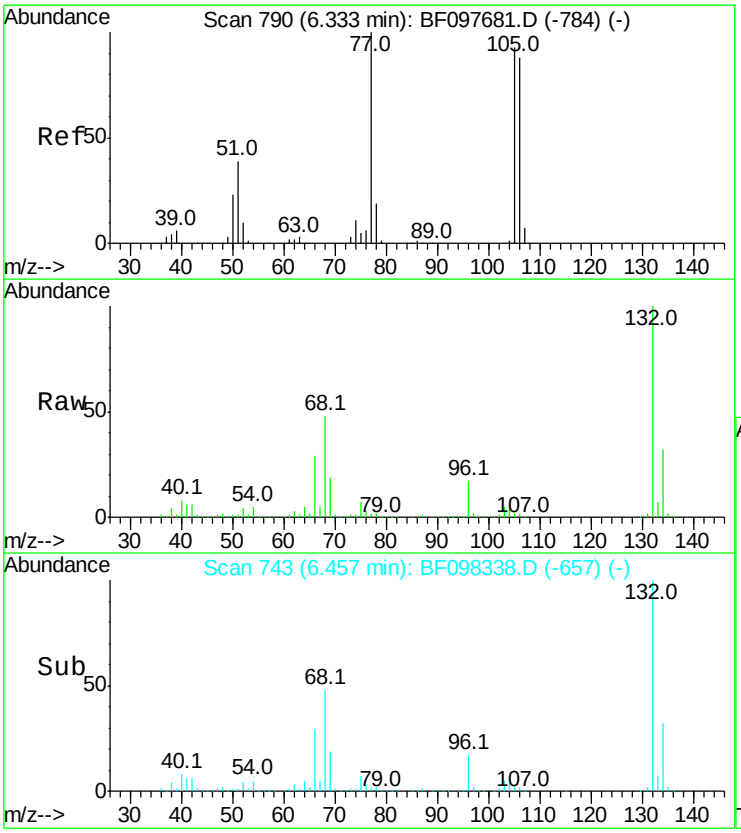
#7
Phenol-d6
Concen: 30.949 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion: 99 Resp: 285914

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	34.1	24.5	36.7

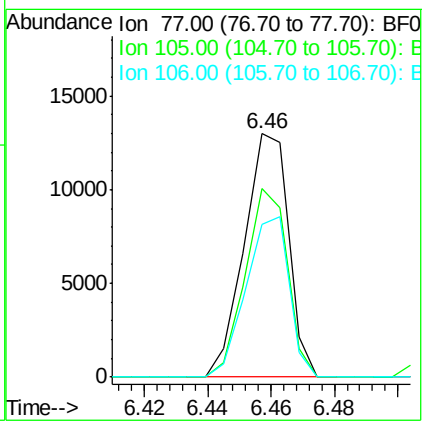


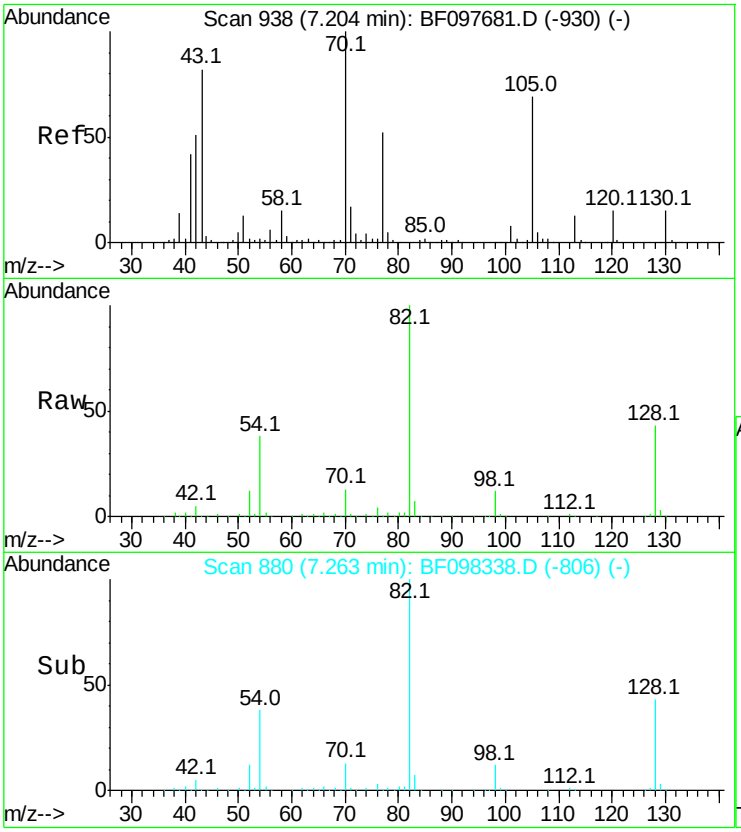


#9
Benzaldehyde
Concen: 2.154 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.21 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion: 77 Resp: 12603

Ion	Ratio	Lower	Upper
77	100		
105	77.6	83.8	123.8#
106	62.6	79.1	119.1#



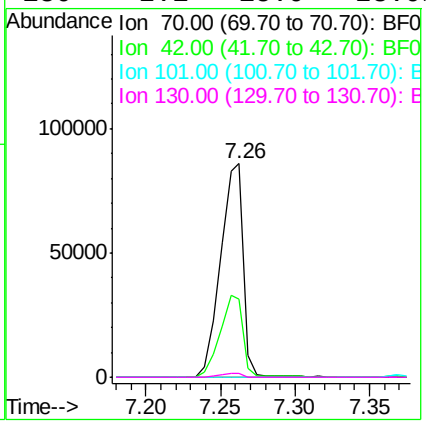


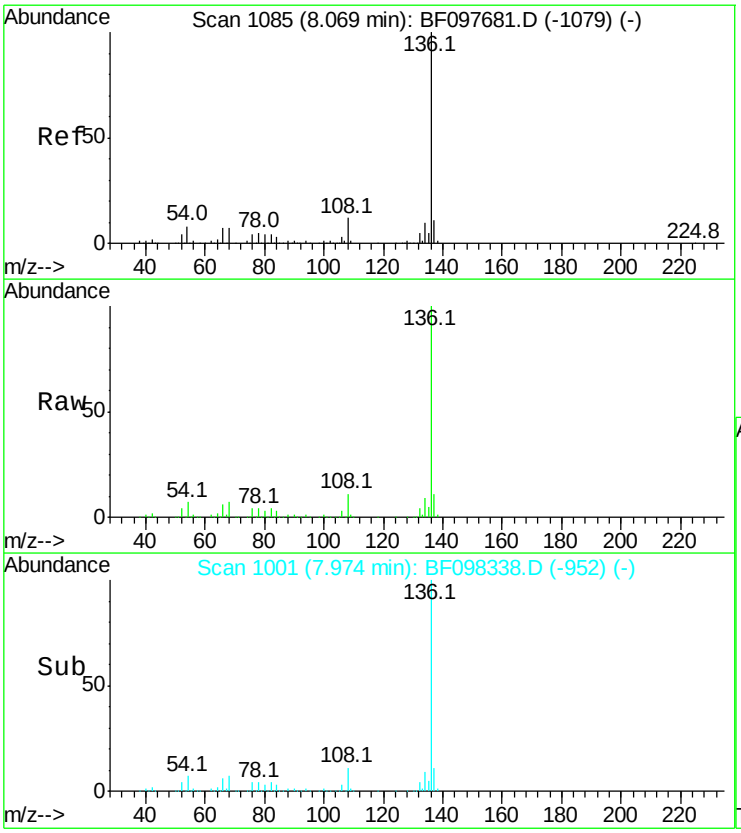
#19
n-Nitroso-di-n-propylamine
Concen: 14.644 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion: 70 Resp: 92611

Ion	Ratio	Lower	Upper
70	100		
42	36.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

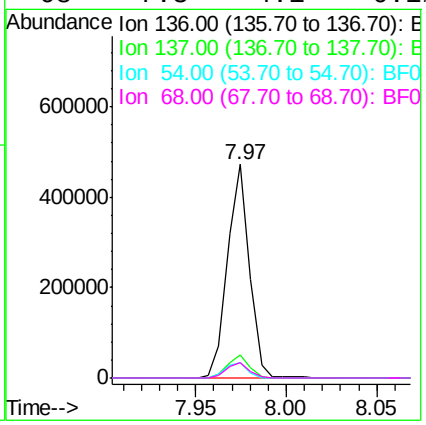


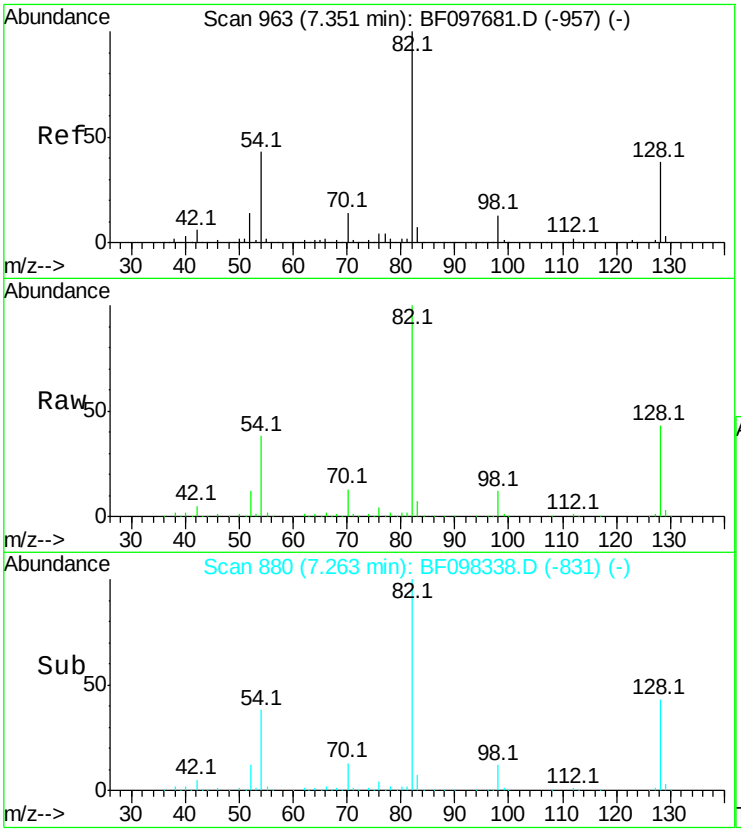


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:136 Resp: 397608

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.3	4.9	7.3#
68	7.3	4.1	6.1#



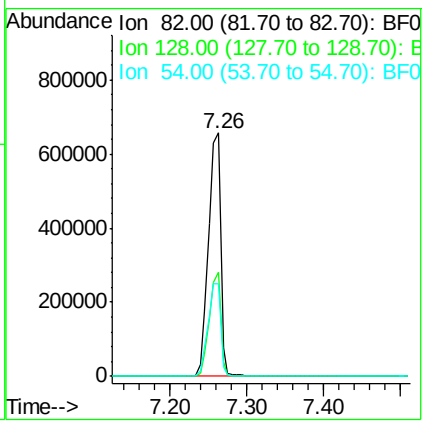


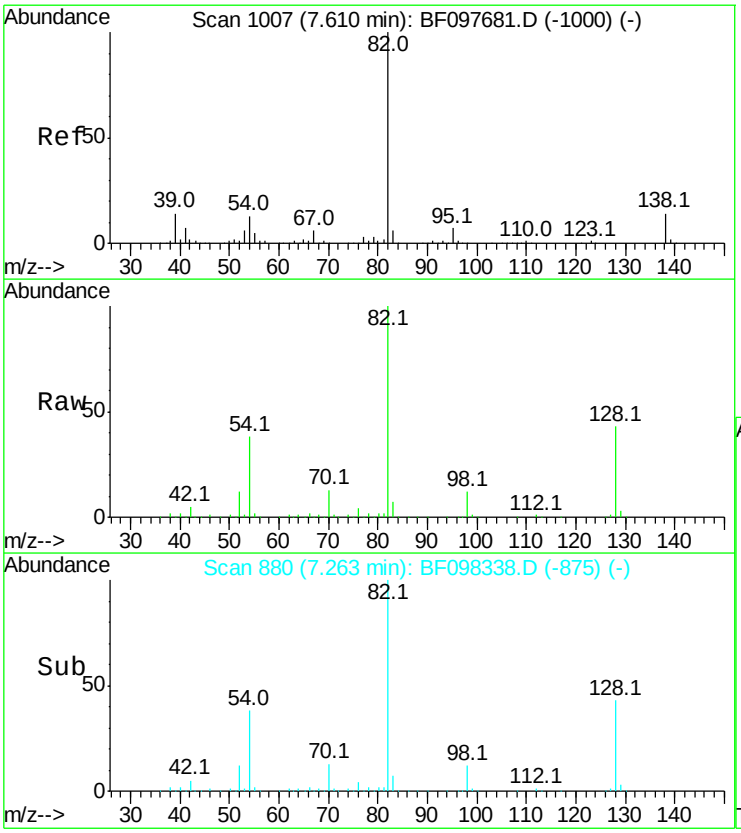
#23
Nitrobenzene-d5
Concen: 97.514 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion: 82 Resp: 713719

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	38.0	42.2	63.2#

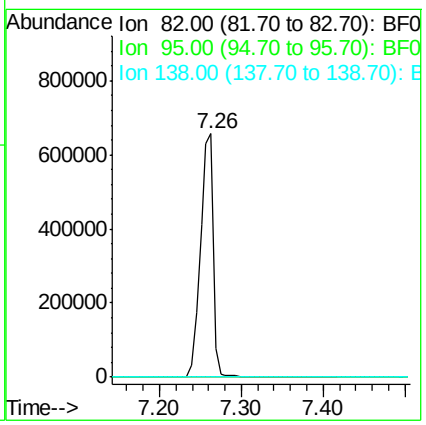


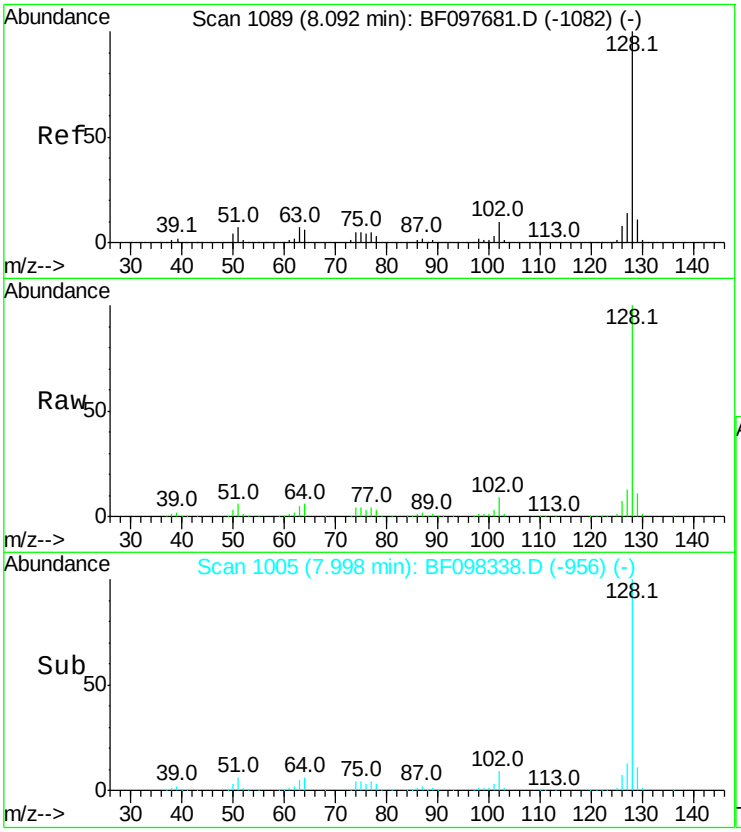


#25
Isophorone
Concen: 46.870 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion: 82 Resp: 713324

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



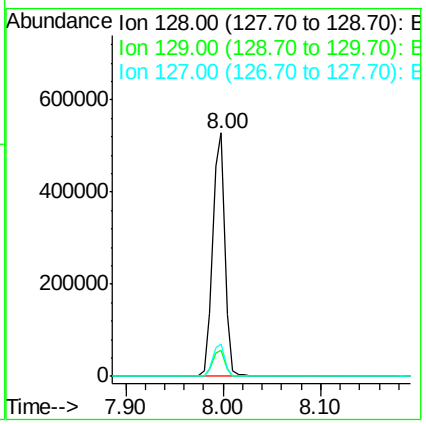


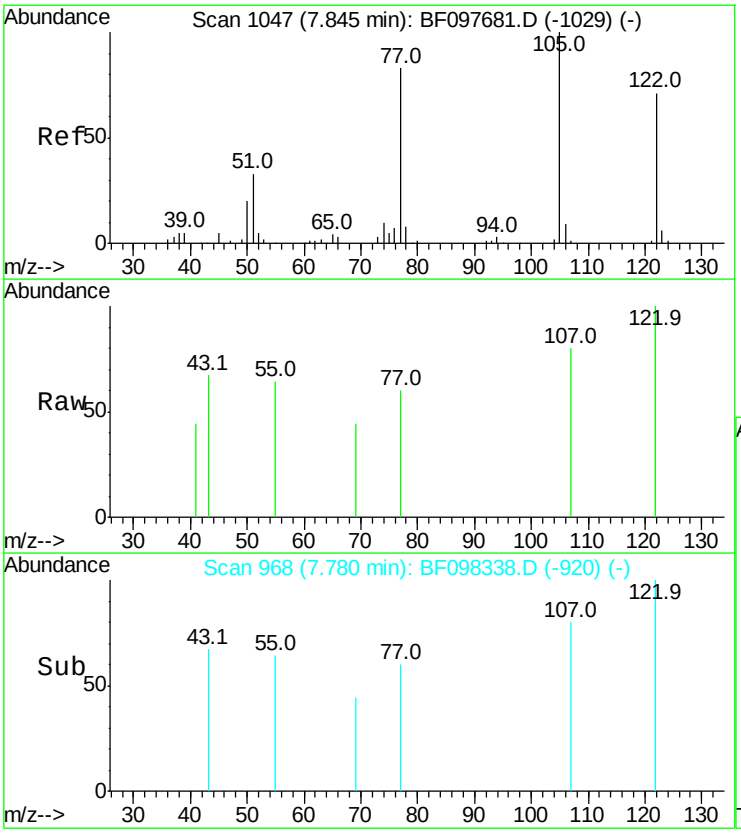
#31
Naphthalene
Concen: 22.206 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:128 Resp: 458379

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	10.8	16.2

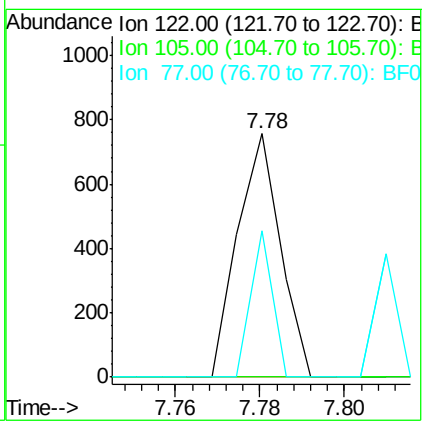


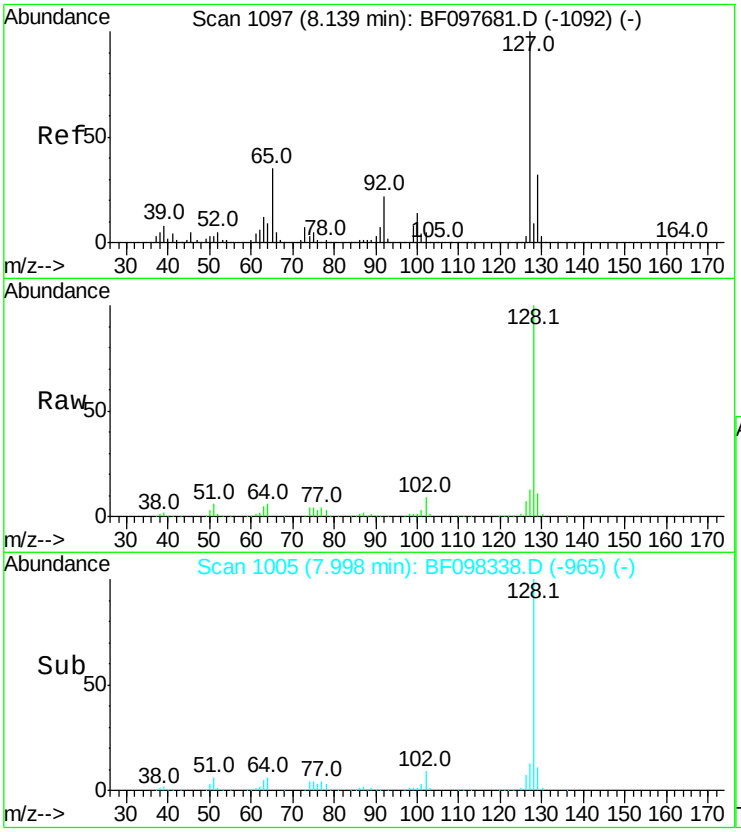


#32
Benzoic acid
Concen: 6.504 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:122 Resp: 531

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	60.2	73.7	113.7#



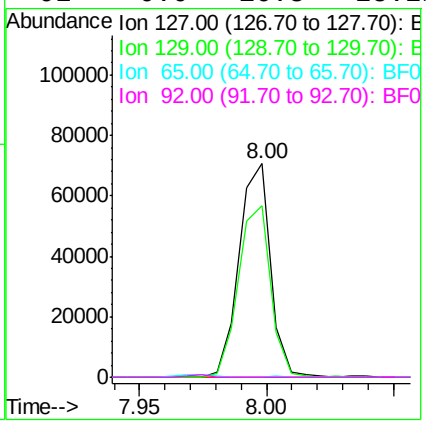


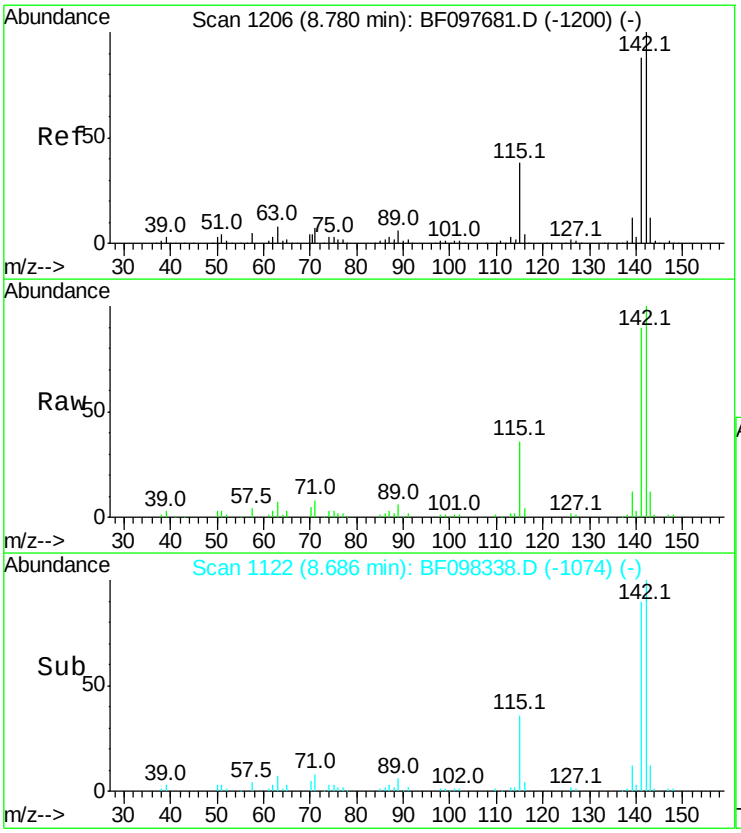
#33
4-Chloroaniline
Concen: 6.991 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:127 Resp: 60856

Ion	Ratio	Lower	Upper
127	100		
129	80.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

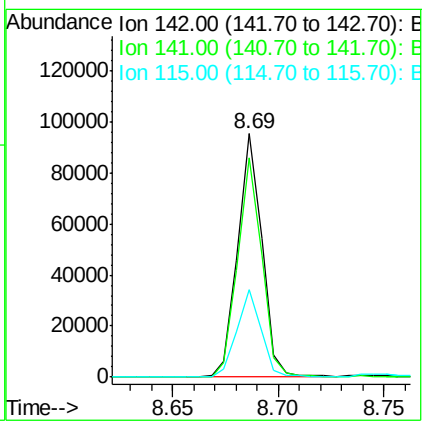


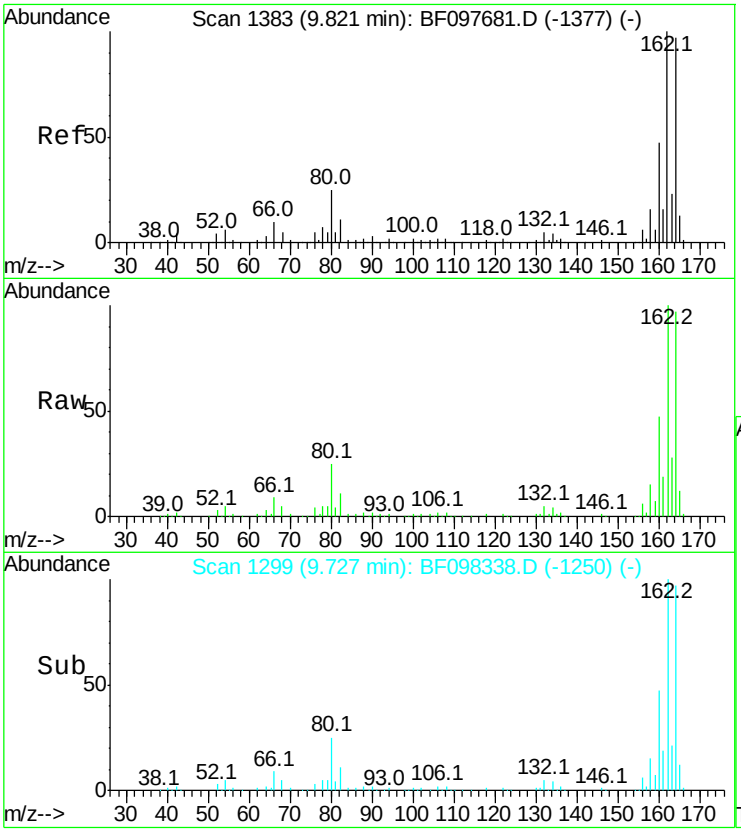


#37
2-Methylnaphthalene
Concen: 5.989 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:142 Resp: 75790

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	35.9	27.1	40.7



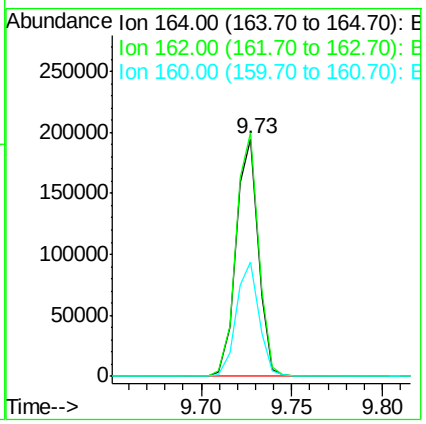


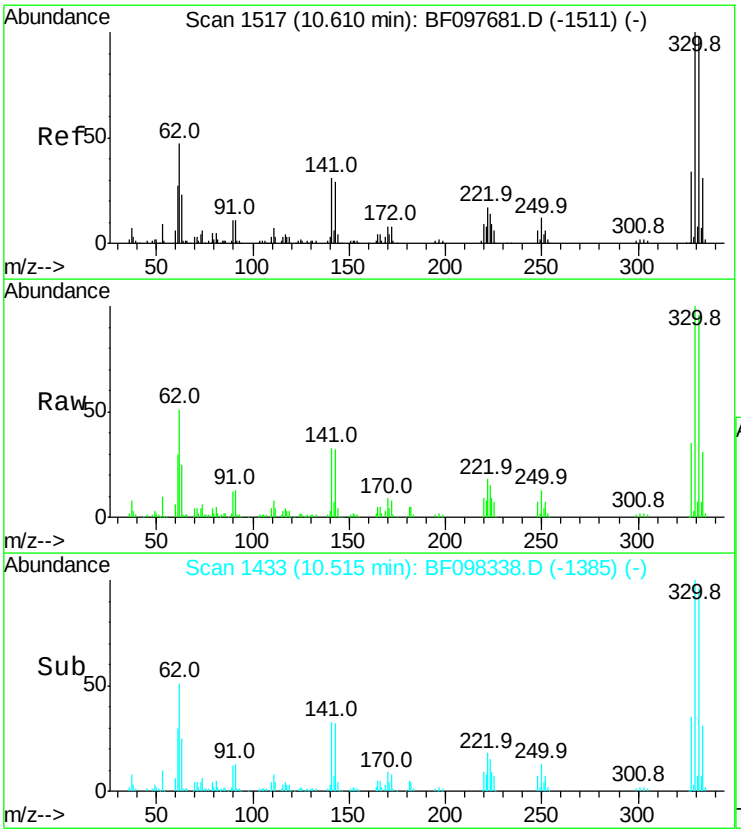
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:164 Resp: 165844

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	47.9	36.2	54.2

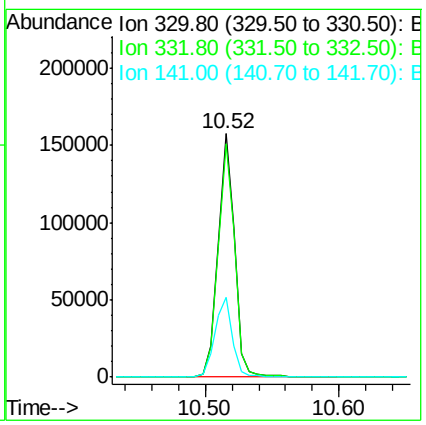


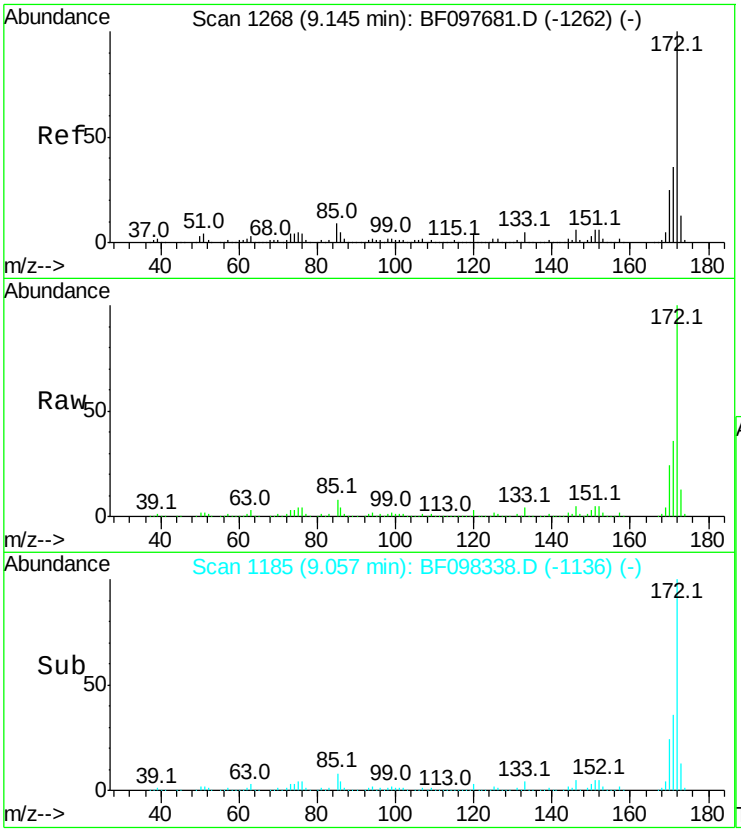


#41
2,4,6-Tribromophenol
Concen: 95.810 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:330 Resp: 137867

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	34.6	31.4	47.2



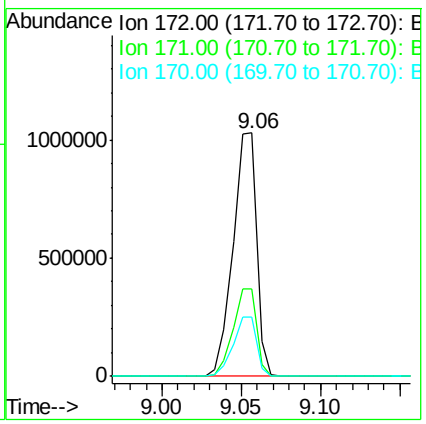


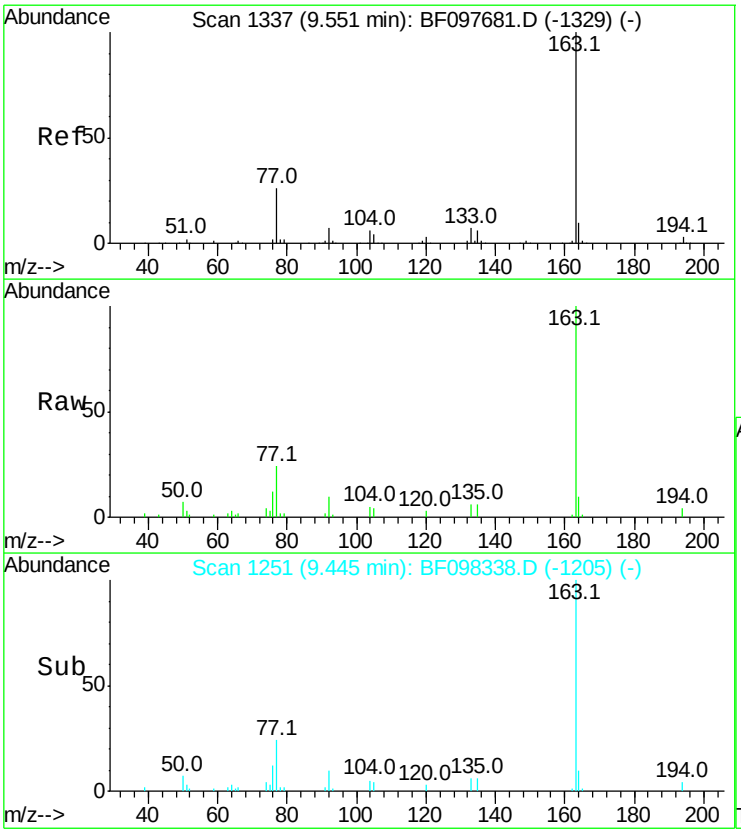
#44
2-Fluorobiphenyl
Concen: 94.323 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:172 Resp: 1064714

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8

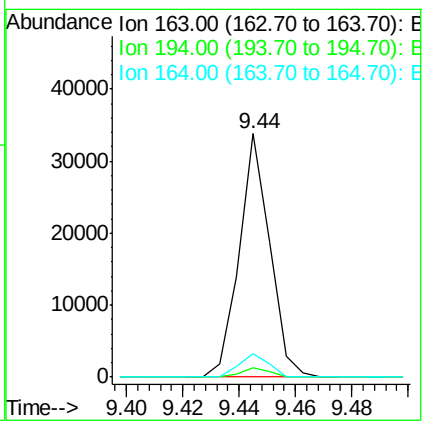


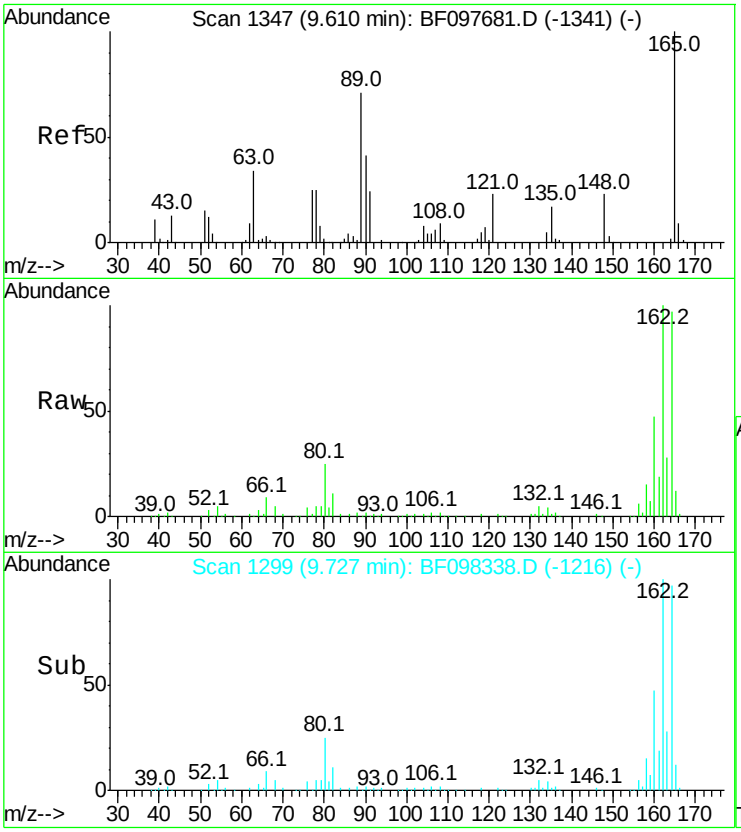


#49
Dimethylphthalate
Concen: 2.099 ng
RT: 9.44 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:163 Resp: 25445

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.6	8.4	12.6



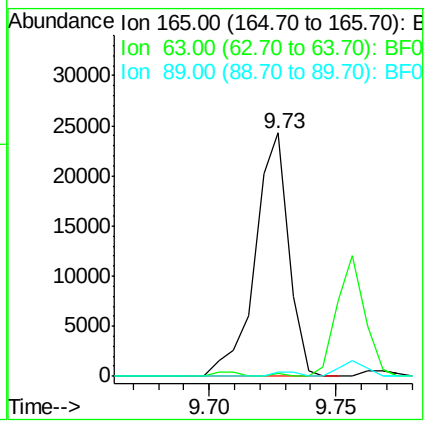


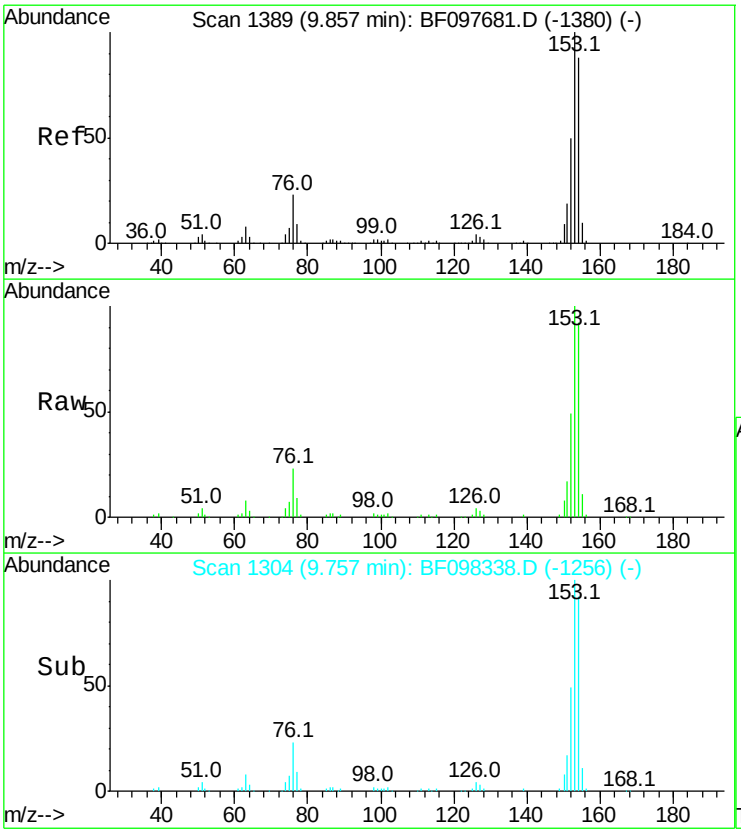
#50
2,6-Dinitrotoluene
Concen: 9.224 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:165 Resp: 22321

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.8	37.1	55.7#

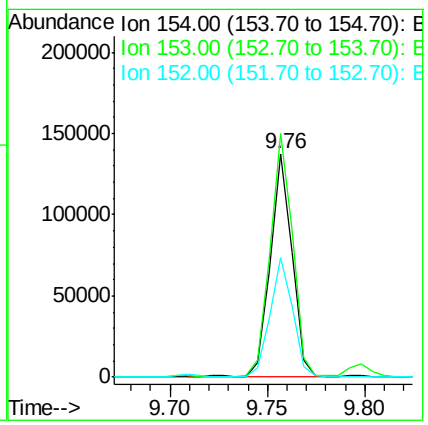


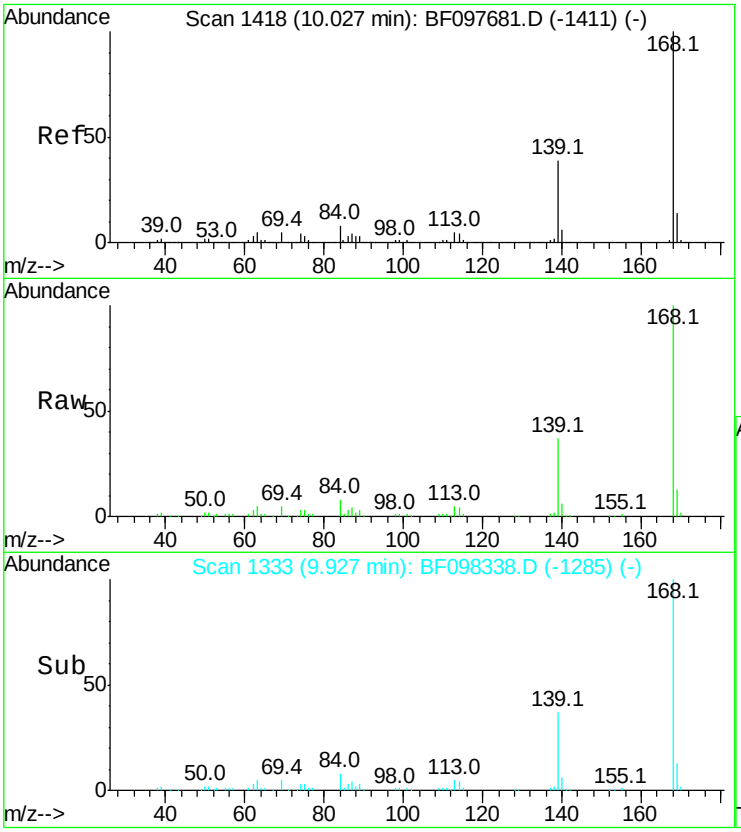


#51
Acenaphthene
Concen: 9.601 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:154 Resp: 106256

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.5	135.7
152	53.8	43.6	65.4



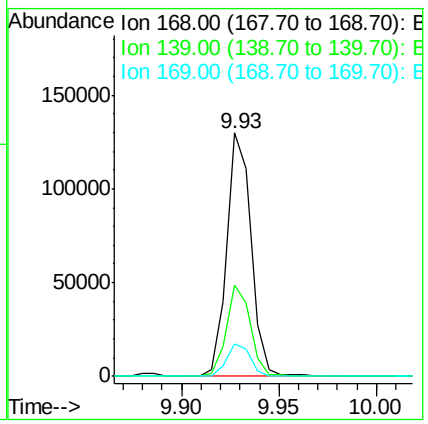


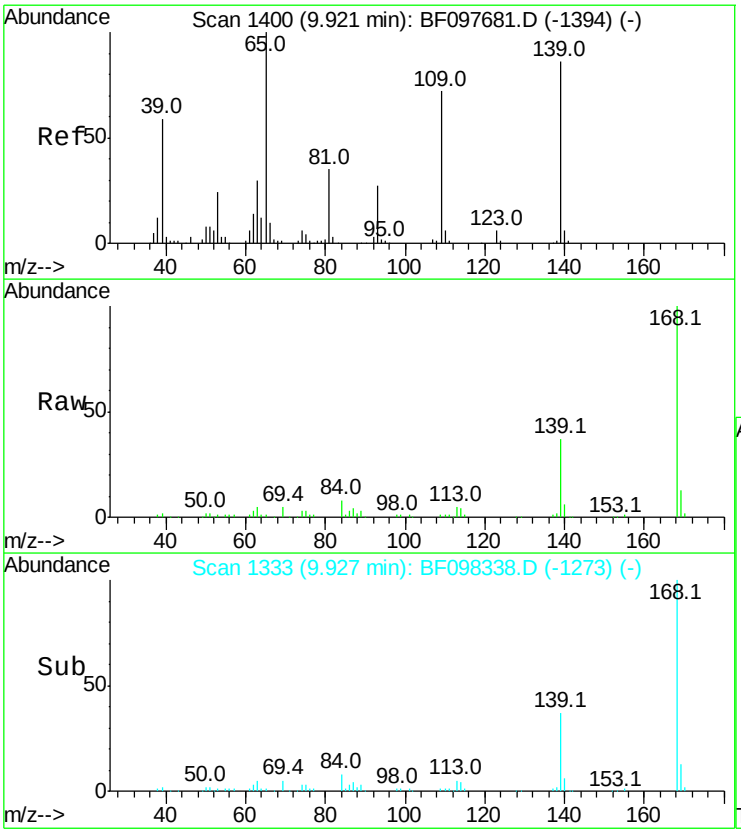
#54
Dibenzofuran
Concen: 7.568 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:168 Resp: 112251

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	45.8
169	13.3	10.8	16.2

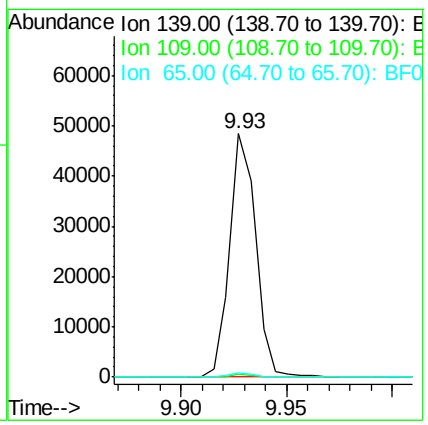


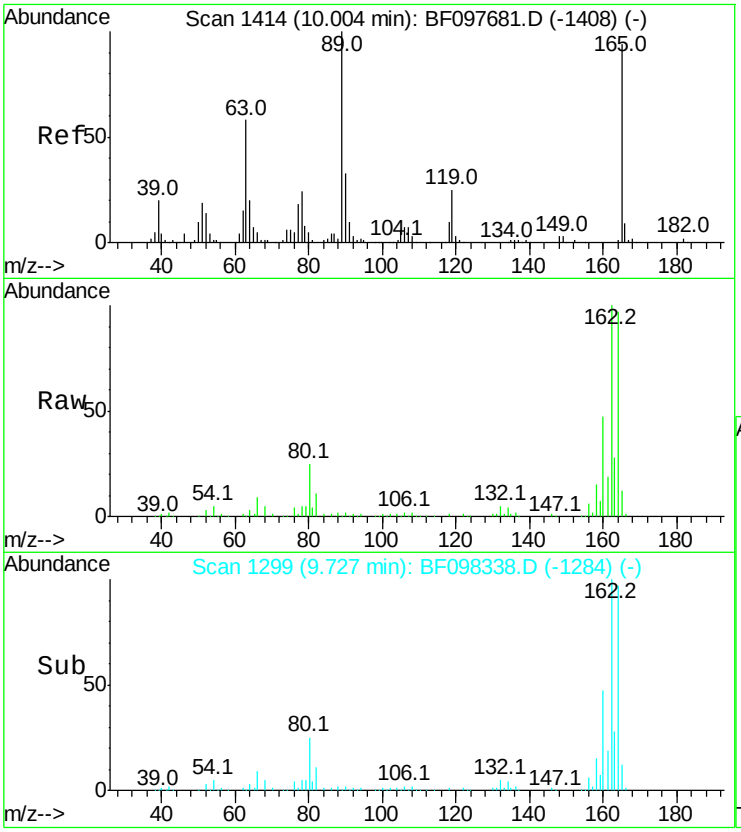


#55
4-Nitrophenol
Concen: 16.574 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.05 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:139 Resp: 41277

Ion	Ratio	Lower	Upper
139	100		
109	1.3	34.1	74.1#
65	1.8	31.4	71.4#



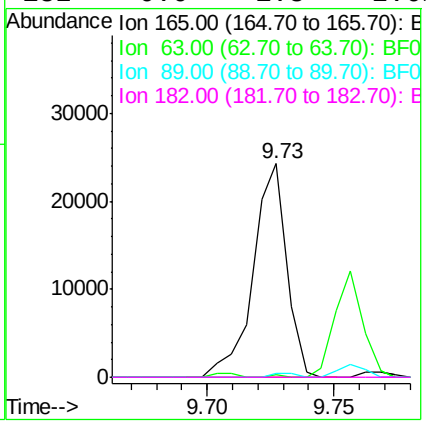


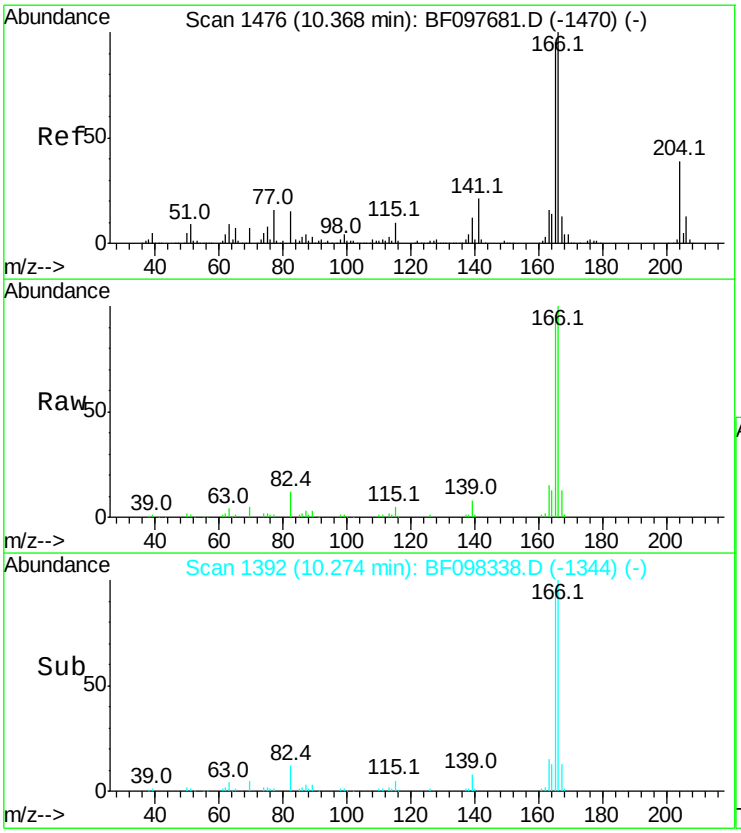
#56
2,4-Dinitrotoluene
Concen: 7.350 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:165 Resp: 22321

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

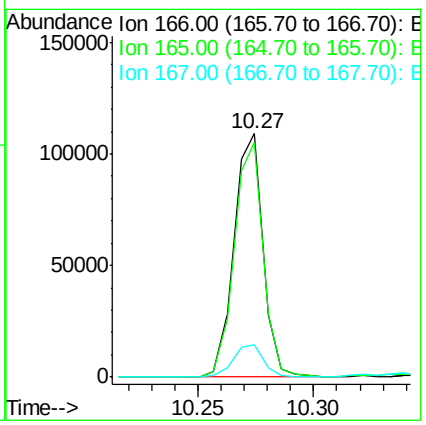


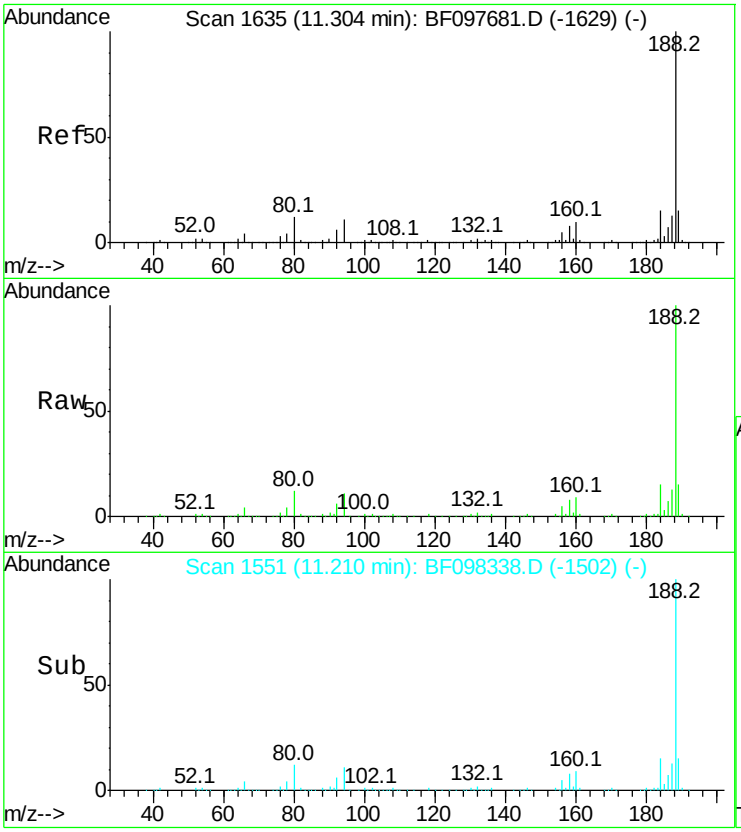


#57
Fluorene
Concen: 8.346 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:166 Resp: 95713

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	13.1	10.6	16.0



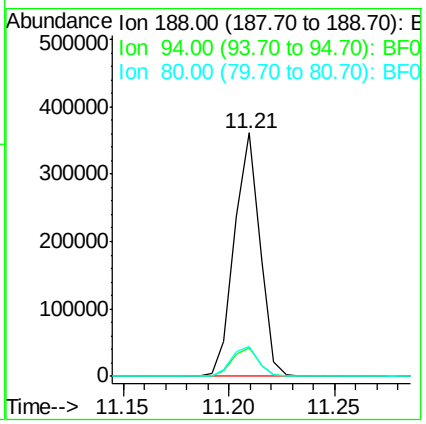


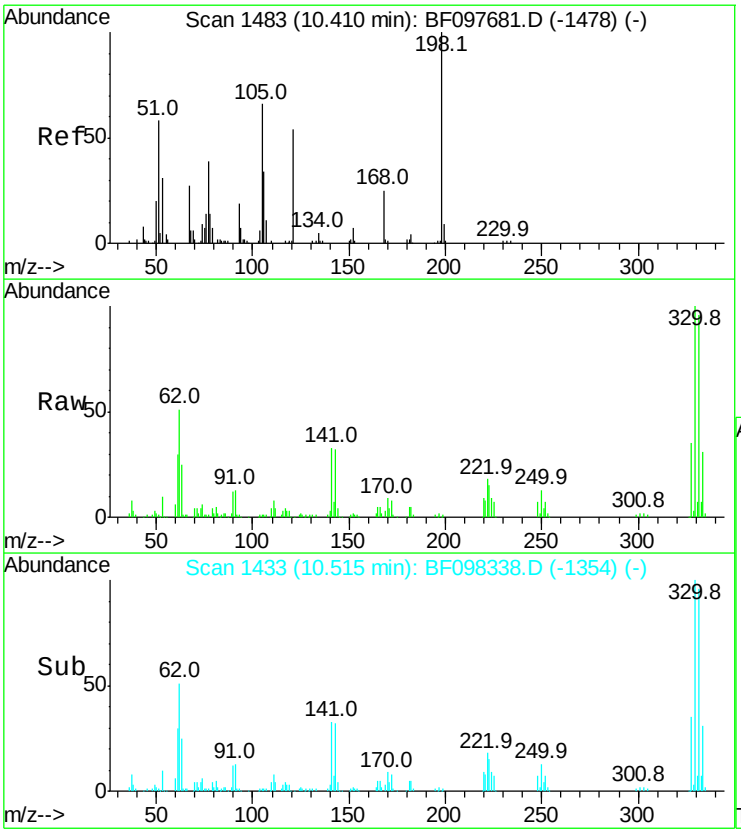
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:188 Resp: 300218

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.2	10.2	15.2

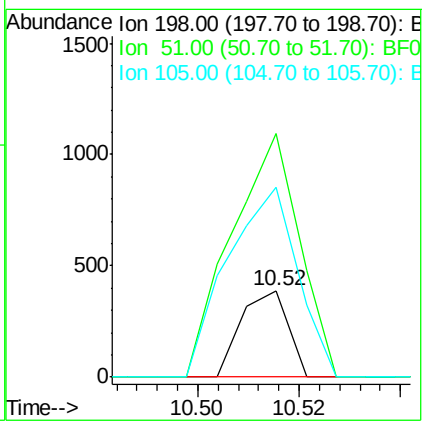


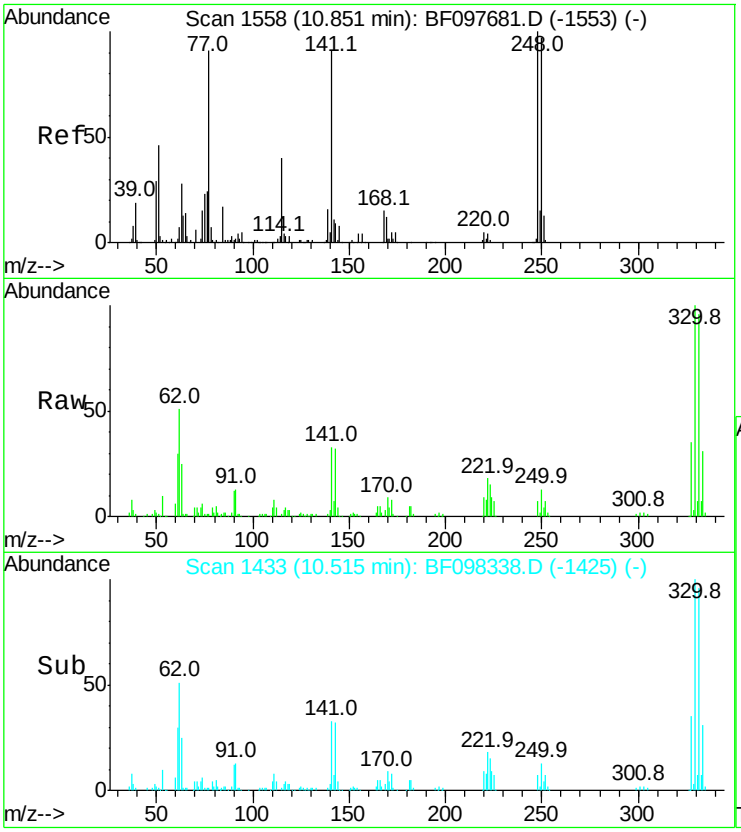


#64
4,6-Dinitro-2-methylphenol
Concen: 8.466 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.16 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:198 Resp: 249

Ion	Ratio	Lower	Upper
198	100		
51	282.0	53.2	93.2#
105	219.6	45.8	85.8#



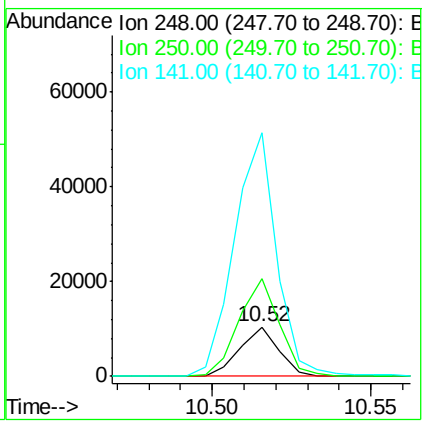


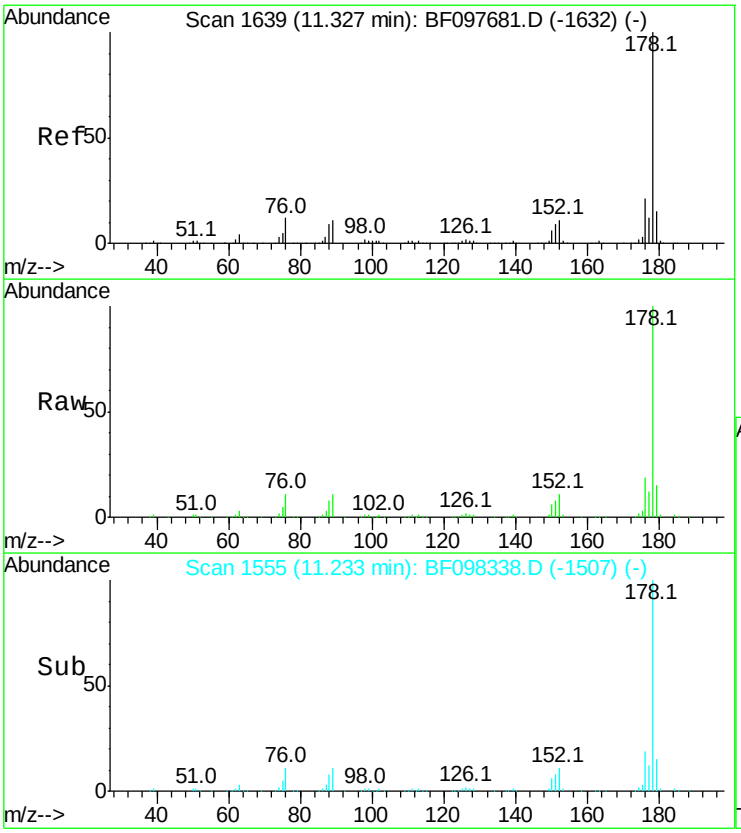
#66
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:248 Resp: 8869

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.8	115.2#
141	495.4	68.6	103.0#

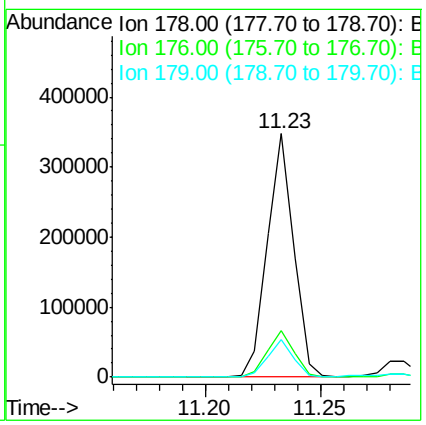


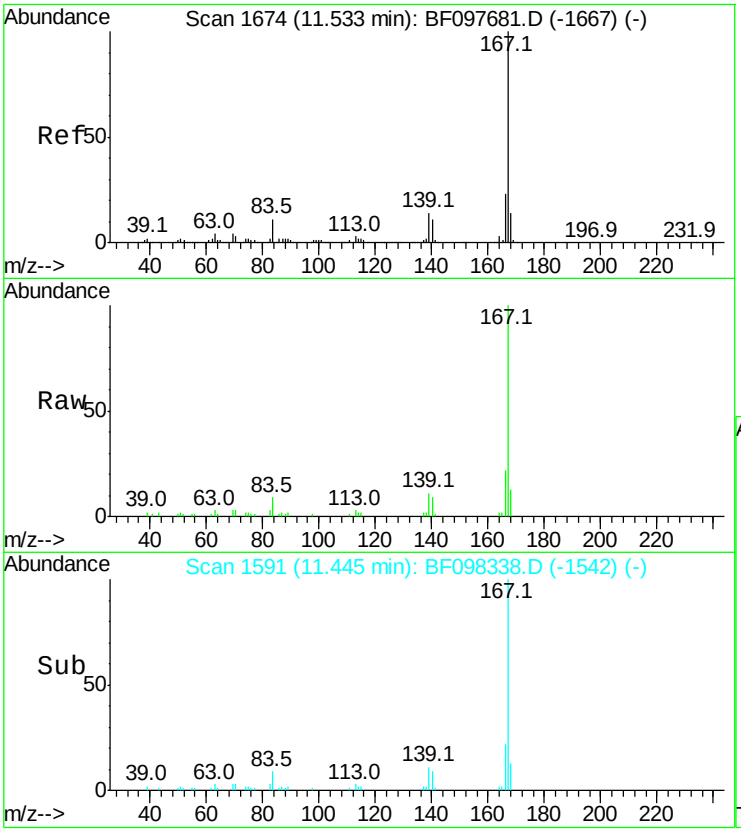


#70
Phenanthrene
Concen: 17.308 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:178 Resp: 276888

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0



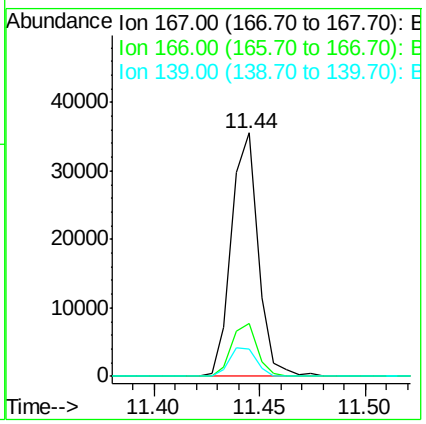


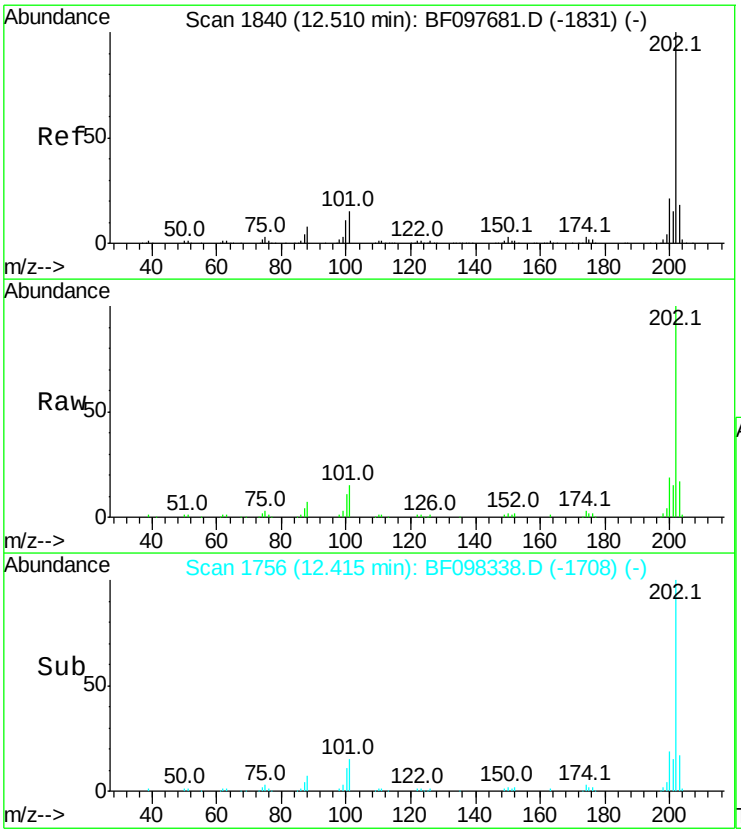
#72
Carbazole
Concen: 2.014 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:167 Resp: 31016

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	11.4	11.7	17.5#

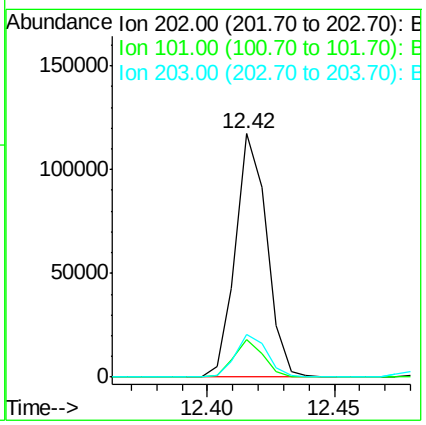


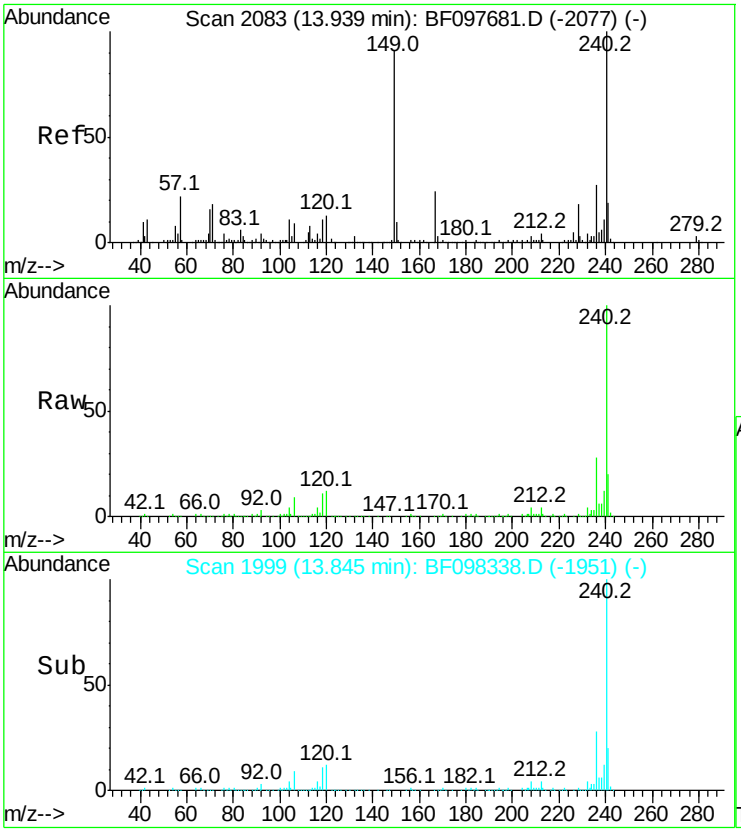


#74
Fluoranthene
Concen: 6.043 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:202 Resp: 100901

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.2
203	17.3	0.0	38.1



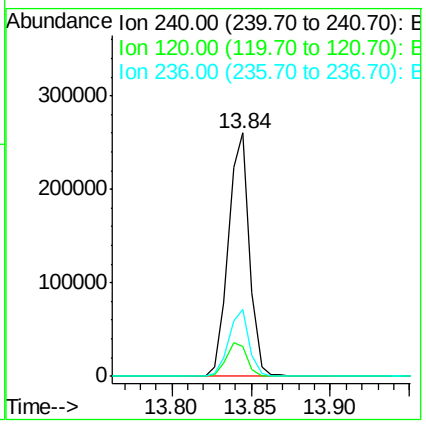


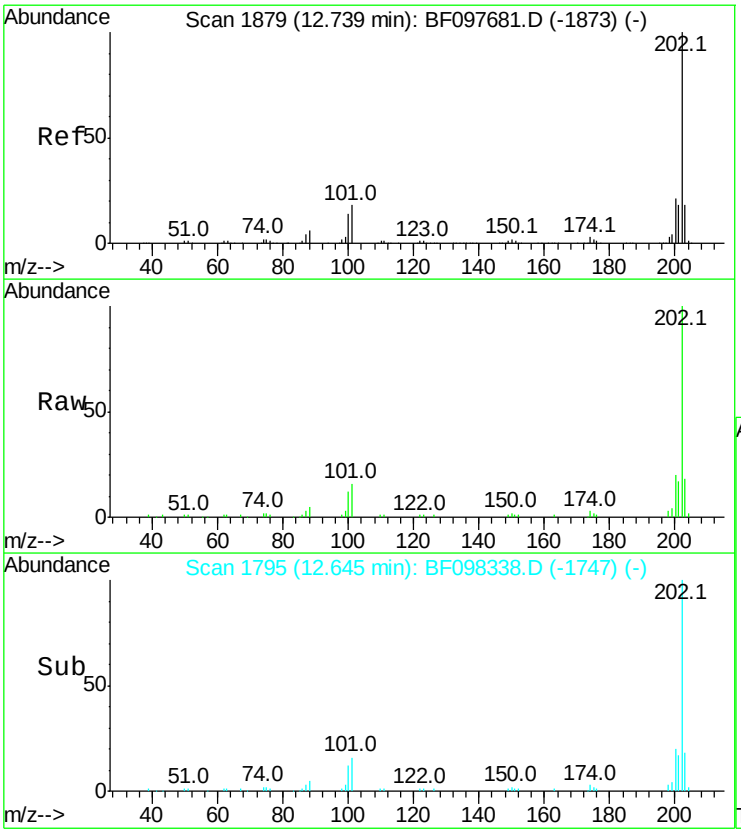
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:240 Resp: 239723

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	27.5	20.5	30.7

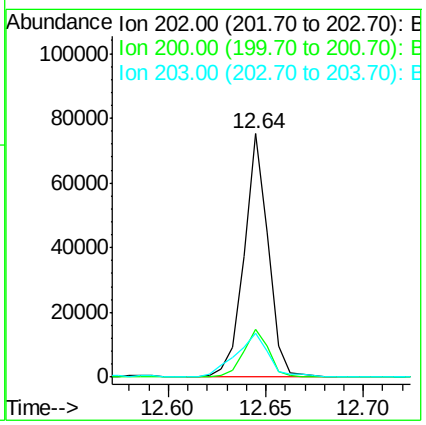


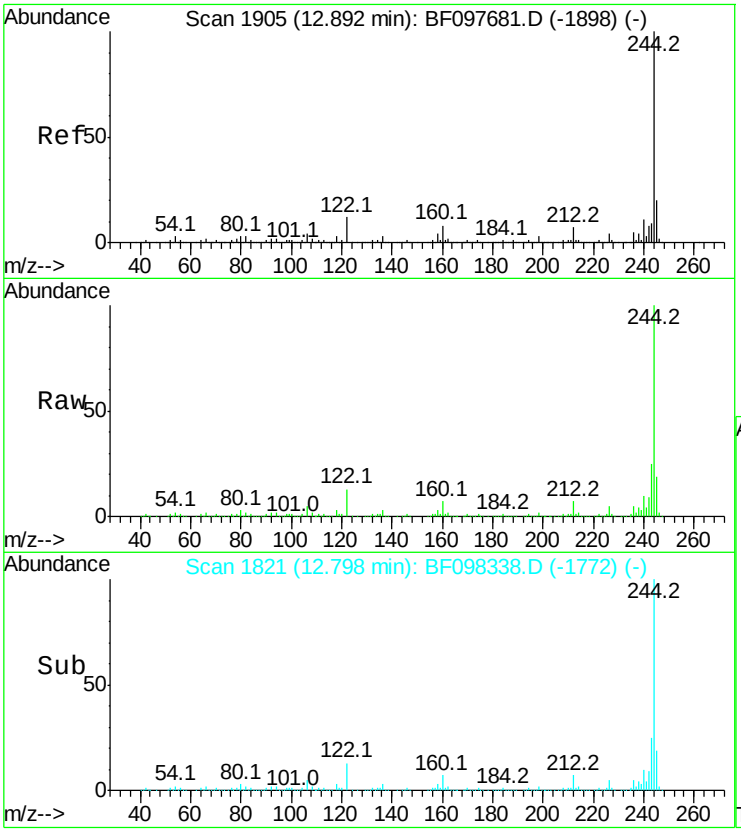


#77
Pyrene
Concen: 3.286 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:202 Resp: 64428

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	17.8	14.4	21.6



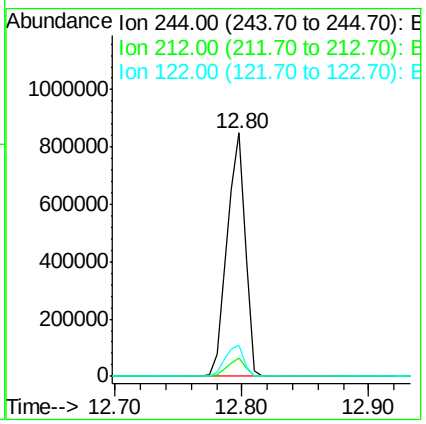


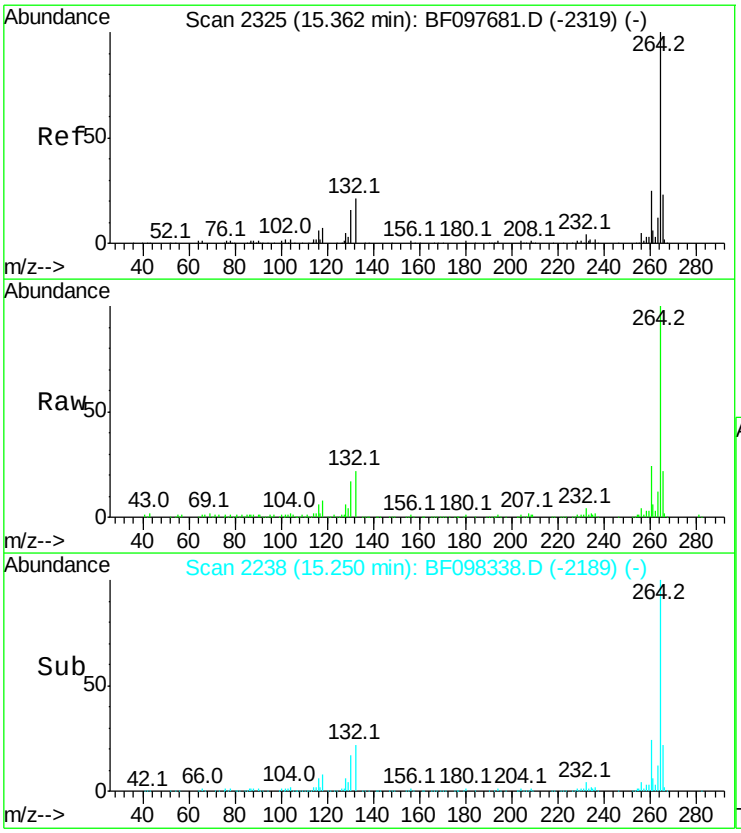
#78
Terphenyl-d14
Concen: 72.406 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Instrument :
BNA_F
ClientSampleId :
090517-TIDO-F-D-B

Tgt Ion:244 Resp: 832359

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098338.D
Acq: 8 Sep 2017 3:15

Tgt Ion:264 Resp: 166554

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	17.2	25.8