Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098339.D
Acq On : 8 Sep 2017 3:42
Operator : SJ/JU
Sample : I5131-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 08 04:21:49 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	101317	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	385547	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	155436	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	265467	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	226266	20.00	ng		-0.02
86) Perylene-d12	15.25	264	150527	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	302359	45.39	ng		-0.01
7) Phenol-d6	6.33	99	260513	28.79	ng		-0.02
23) Nitrobenzene-d5	7.26	82	683094	96.25	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	120634	89.45	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1015996	96.03	ng		-0.02
78) Terphenyl-d14	12.80	244	733589	67.61	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	89224	14.402	ng	#	71
25) Isophorone	7.26	82	676991	45.875	ng	#	67
31) Naphthalene	7.99	128	272735	13.626	ng		99
32) Benzoic acid	7.77	122	241	6.451	ng	#	1
33) 4-Chloroaniline	7.99	127	35300	4.182	ng	#	34
37) 2-Methylnaphthalene	8.69	142	40723	3.319	ng		97
50) 2,6-Dinitrotoluene	9.72	165	19815	8.737	ng	#	31
51) Acenaphthene	9.76	154	54534	5.258	ng		98
54) Dibenzofuran	9.93	168	58857	4.234	ng		97
55) 4-Nitrophenol	9.93	139	20692	8.865	ng	#	27
56) 2,4-Dinitrotoluene	9.72	165	19815	6.962	ng	#	31
57) Fluorene	10.27	166	49371	4.594	ng		99
64) 4,6-Dinitro-2-methylphenol	10.51	198	111	8.394	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7918	2.872	ng	#	1
70) Phenanthrene	11.23	178	149159	10.544	ng		97
74) Fluoranthene	12.42	202	51222	3.469	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098339.D
Acq On : 8 Sep 2017 3:42
Operator : SJ/JU
Sample : I5131-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Sep 08 04:21:49 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
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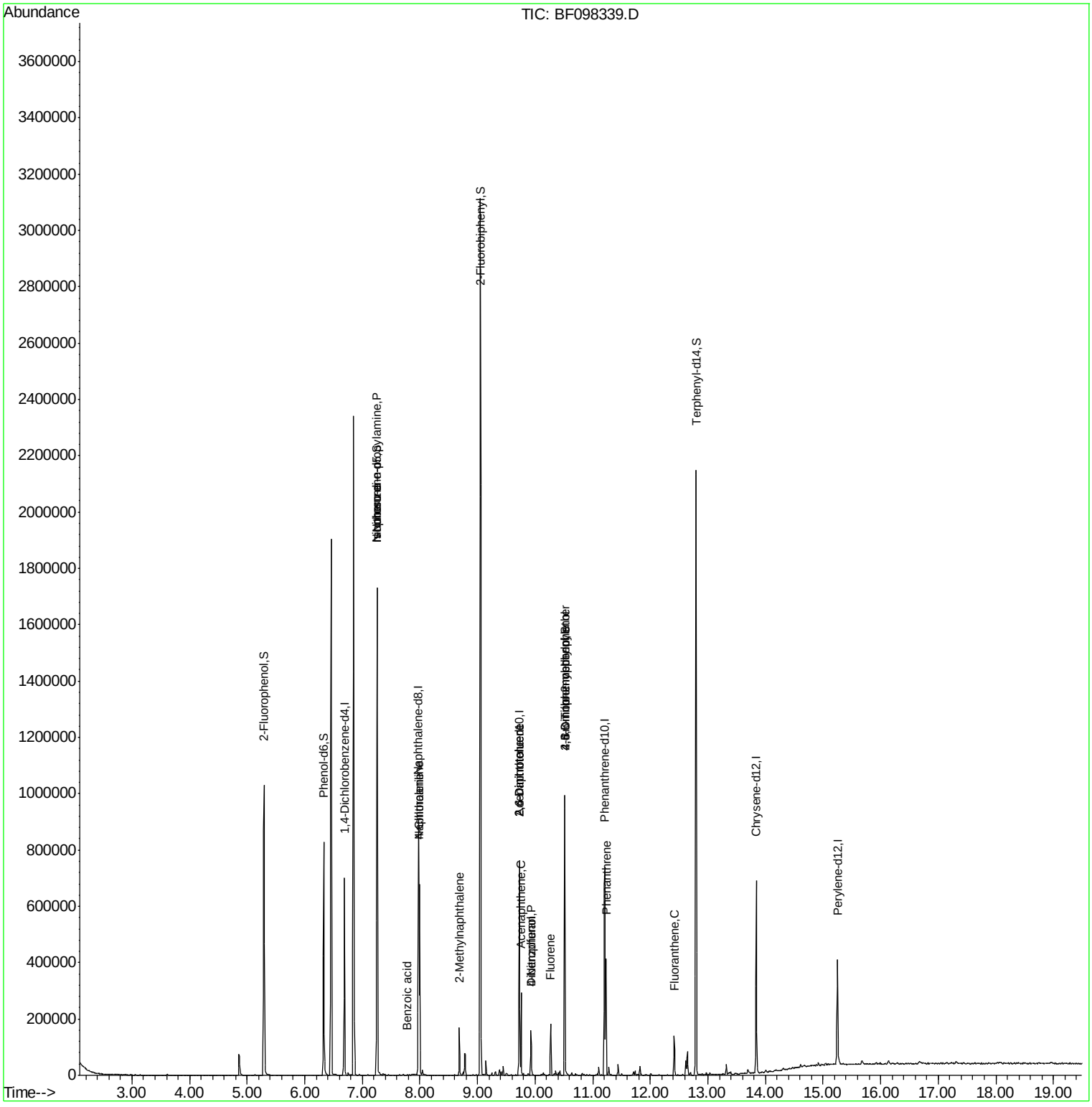
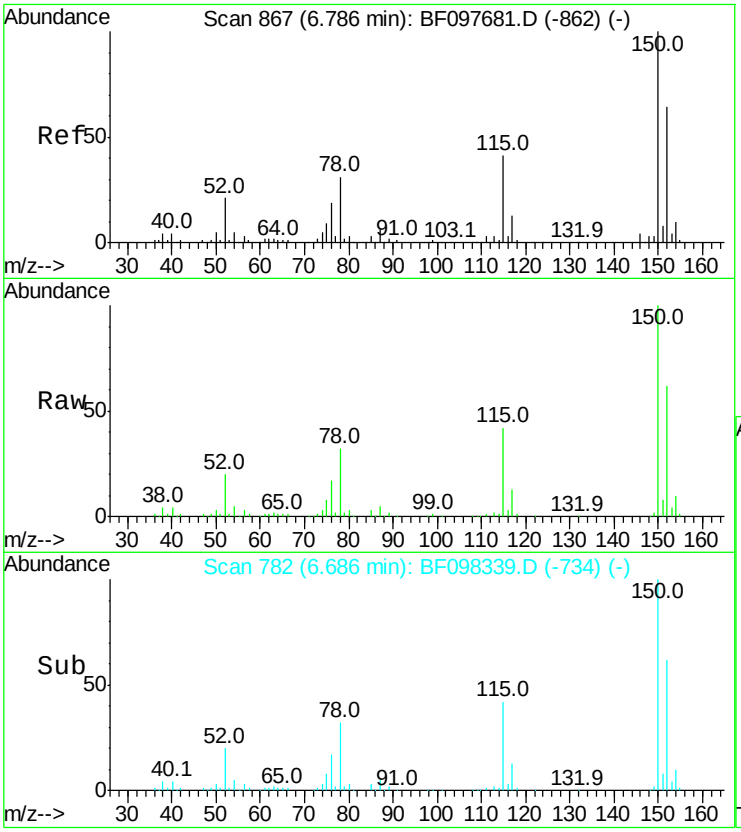


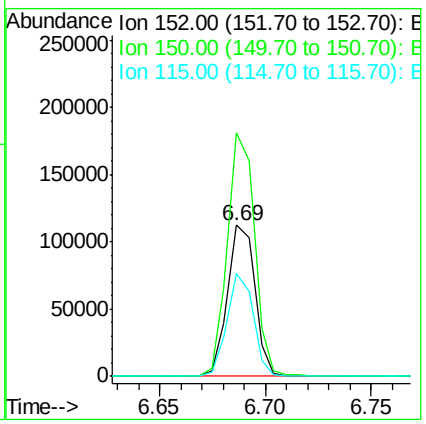


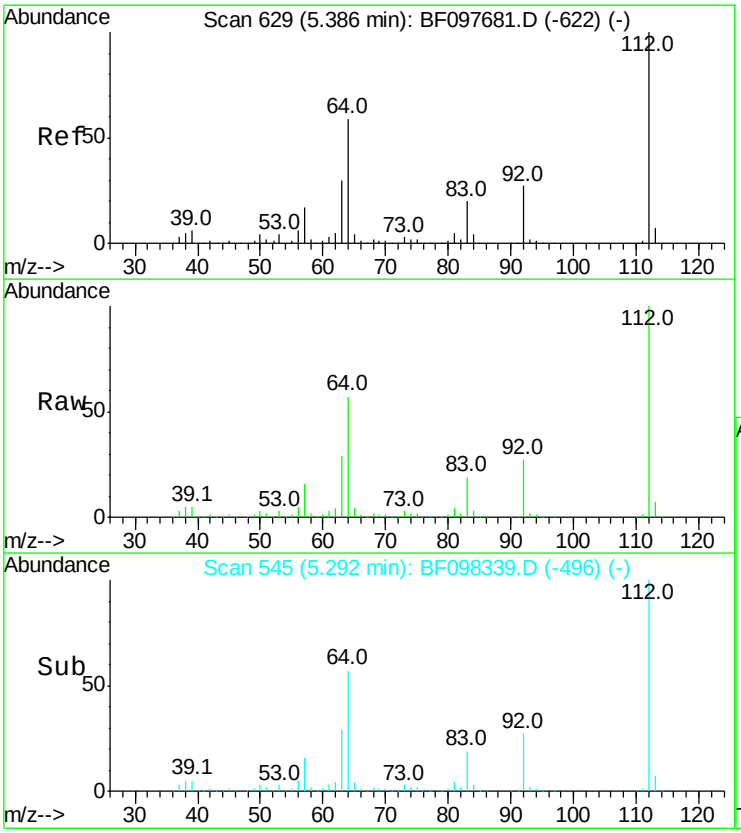
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:152 Resp: 101317

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	68.2	52.2	78.2

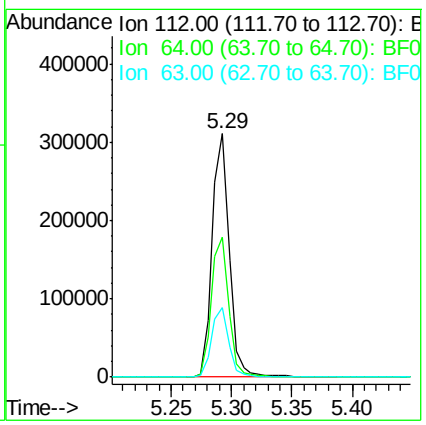


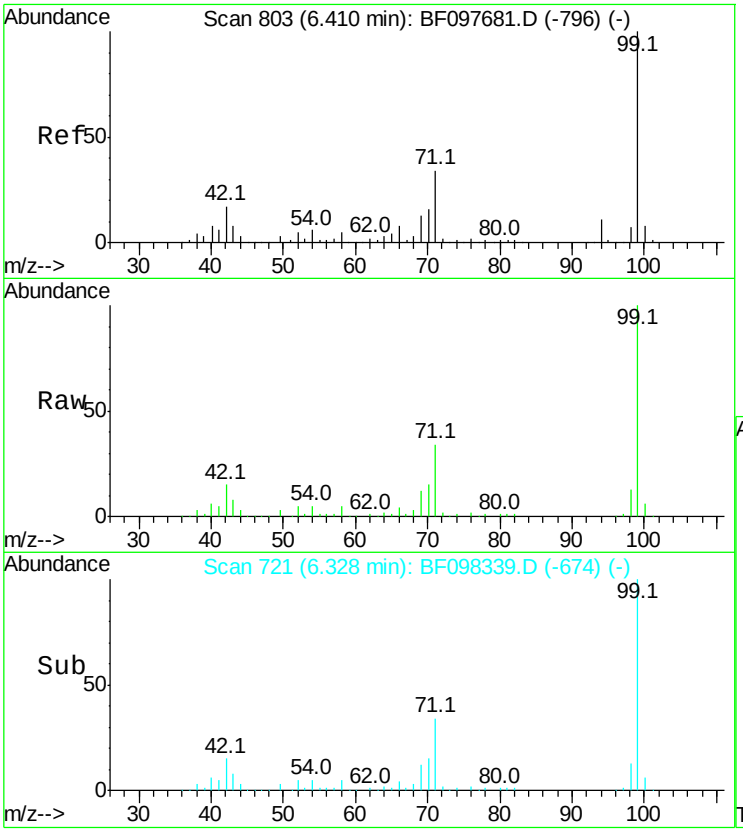


#5
2-Fluorophenol
Concen: 45.393 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:112 Resp: 302359

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	28.6	23.4	35.0



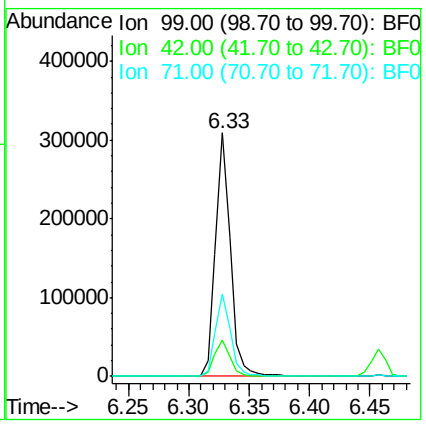


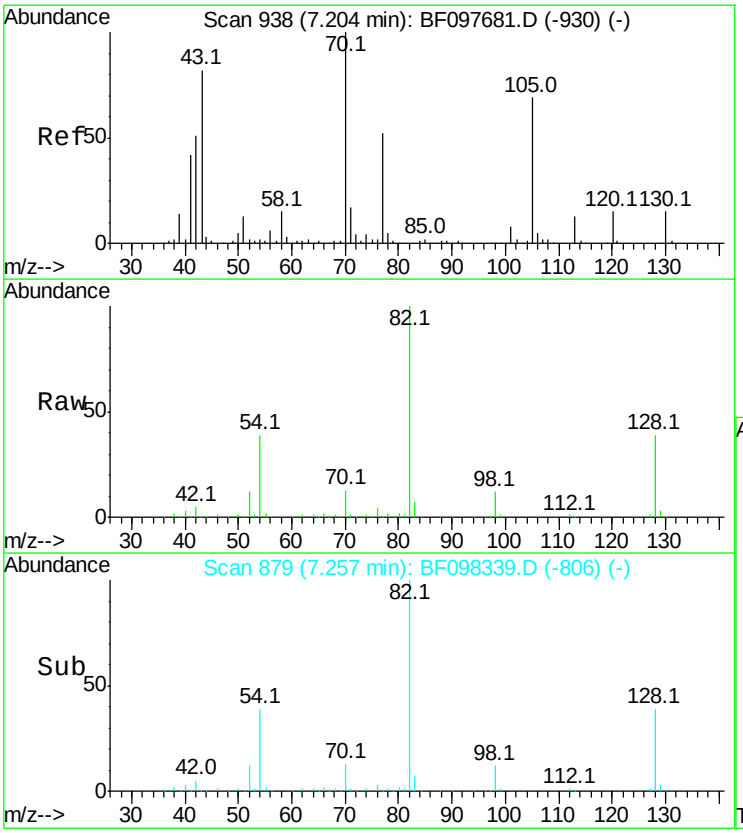
#7
Phenol-d6
Concen: 28.785 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion: 99 Resp: 260513

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	34.0	24.5	36.7

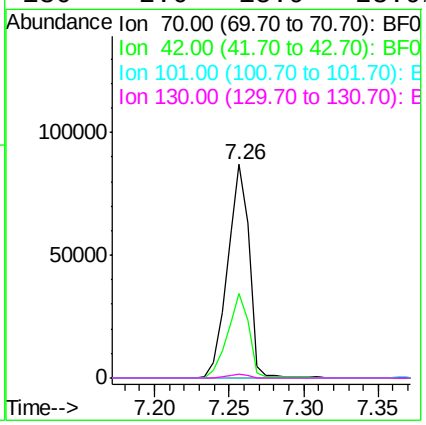


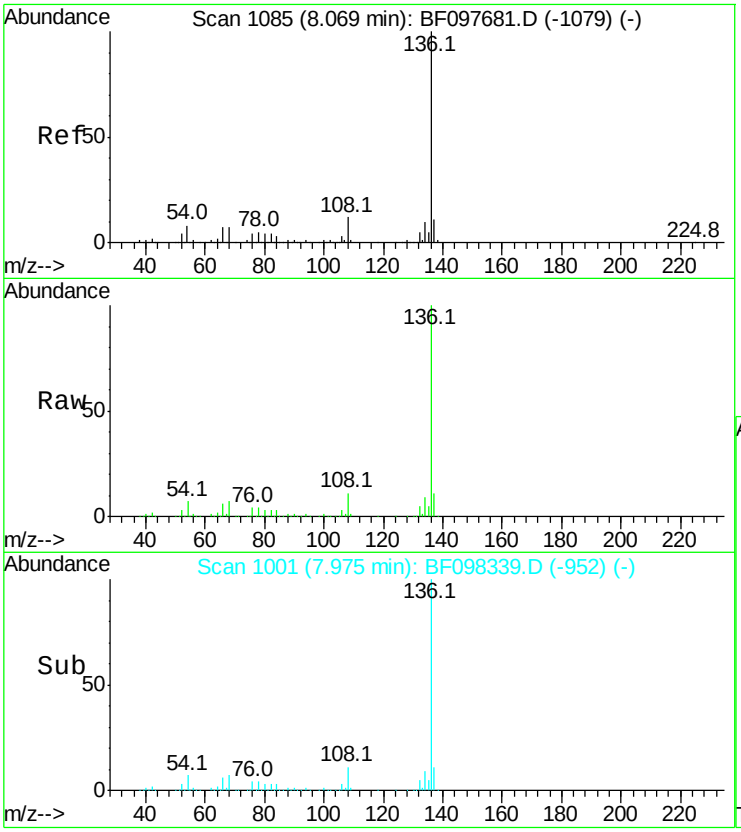


#19
n-Nitroso-di-n-propylamine
Concen: 14.402 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion: 70 Resp: 89224

Ion	Ratio	Lower	Upper
70	100		
42	39.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



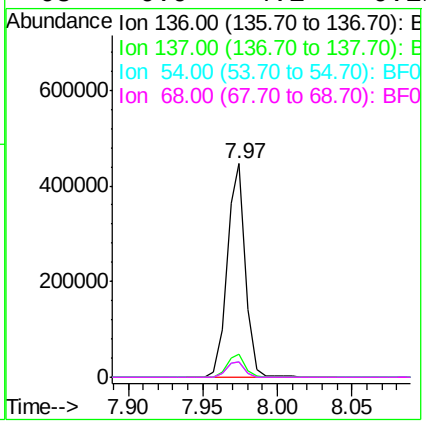


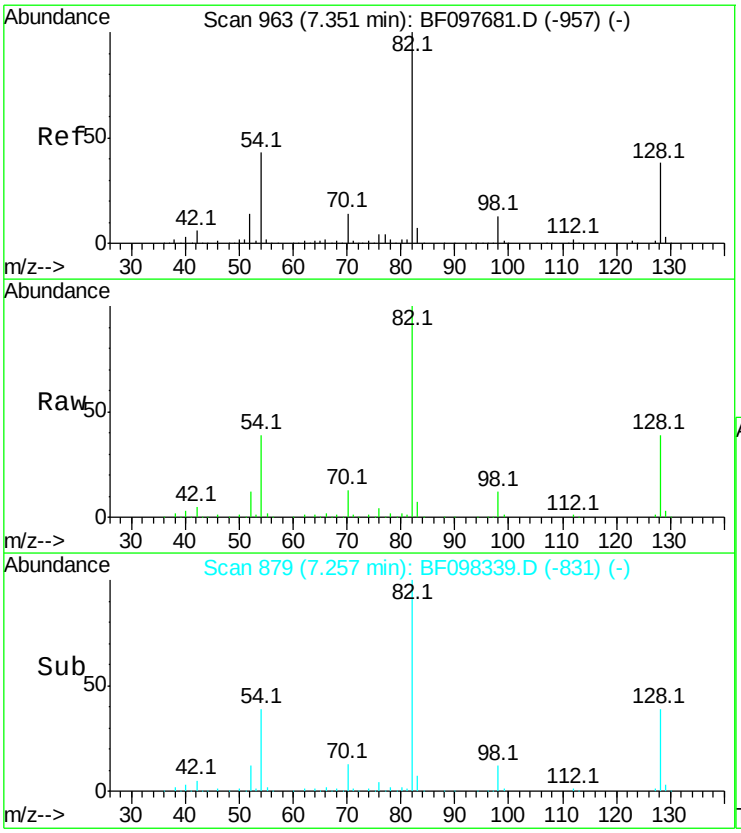
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:136 Resp: 385547

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	6.9	4.1	6.1#

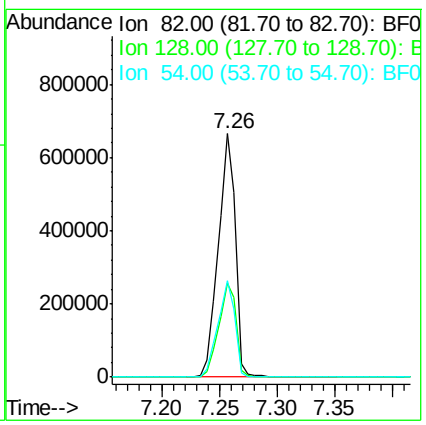


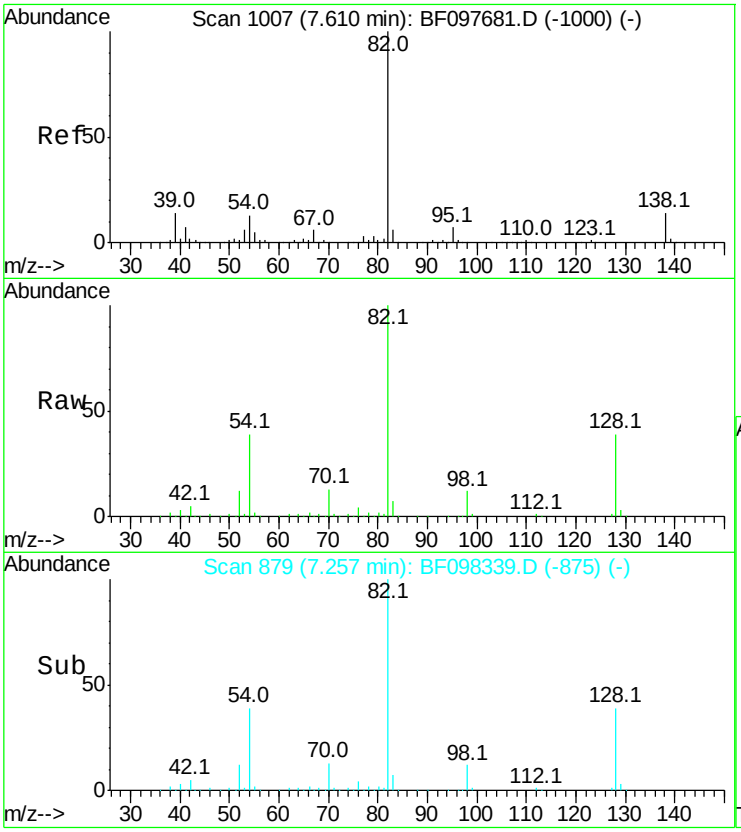


#23
Nitrobenzene-d5
Concen: 96.250 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion: 82 Resp: 683094

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.0	51.0
54	39.3	42.2	63.2#



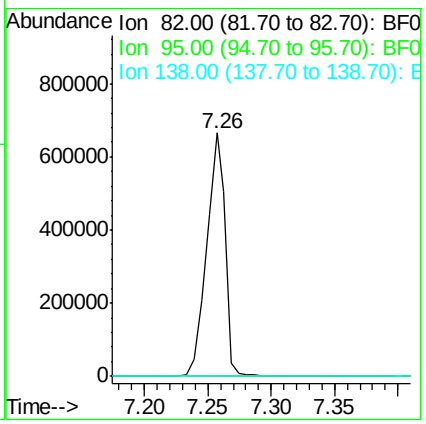


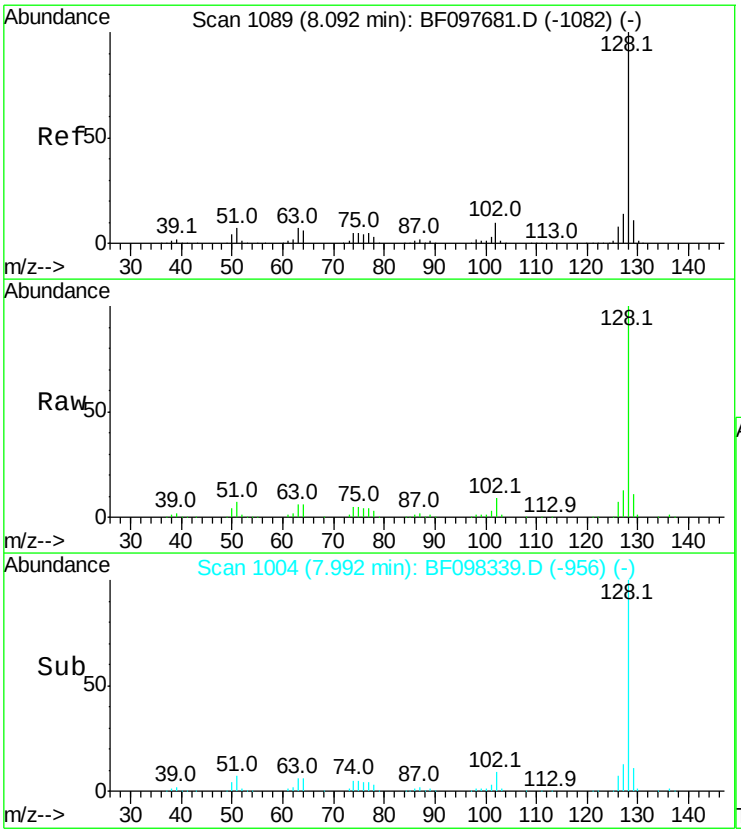
#25
Isophorone
Concen: 45.875 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion: 82 Resp: 676991

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

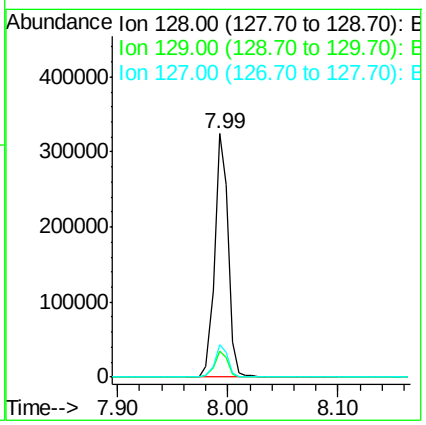


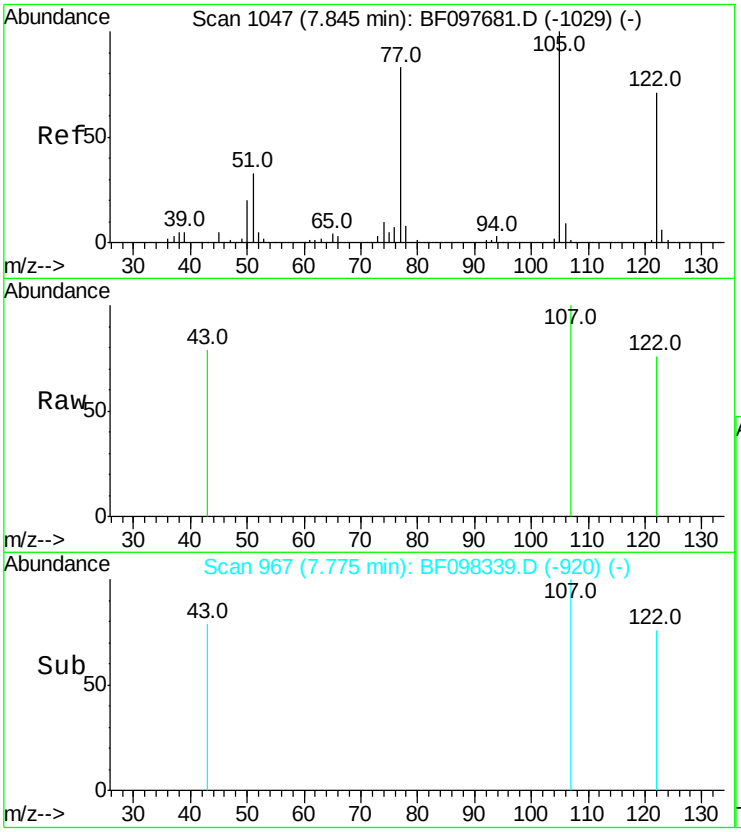


#31
Naphthalene
Concen: 13.626 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:128 Resp: 272735

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.8	16.2



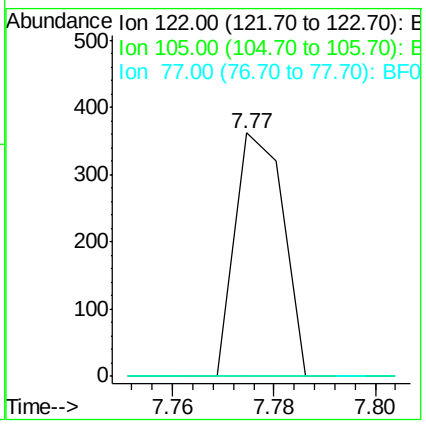


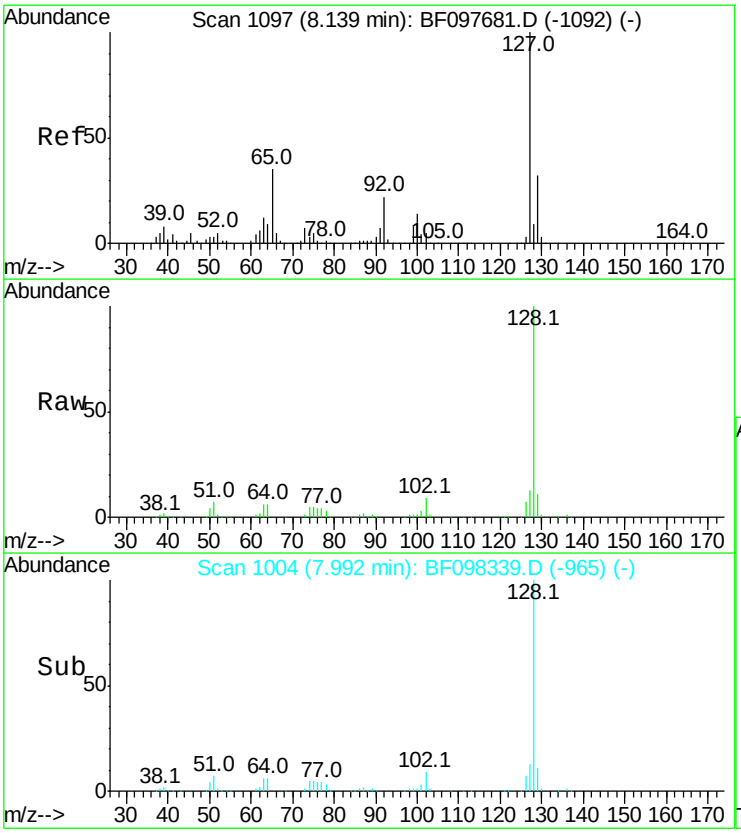
#32
Benzoic acid
Concen: 6.451 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:122 Resp: 241

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

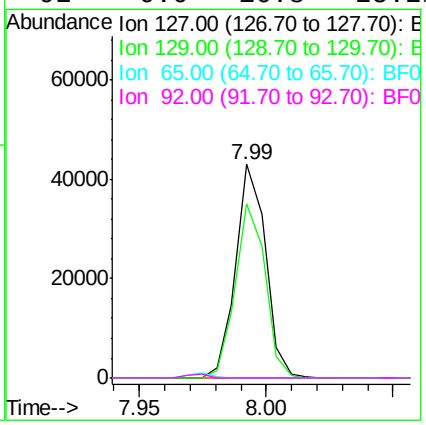


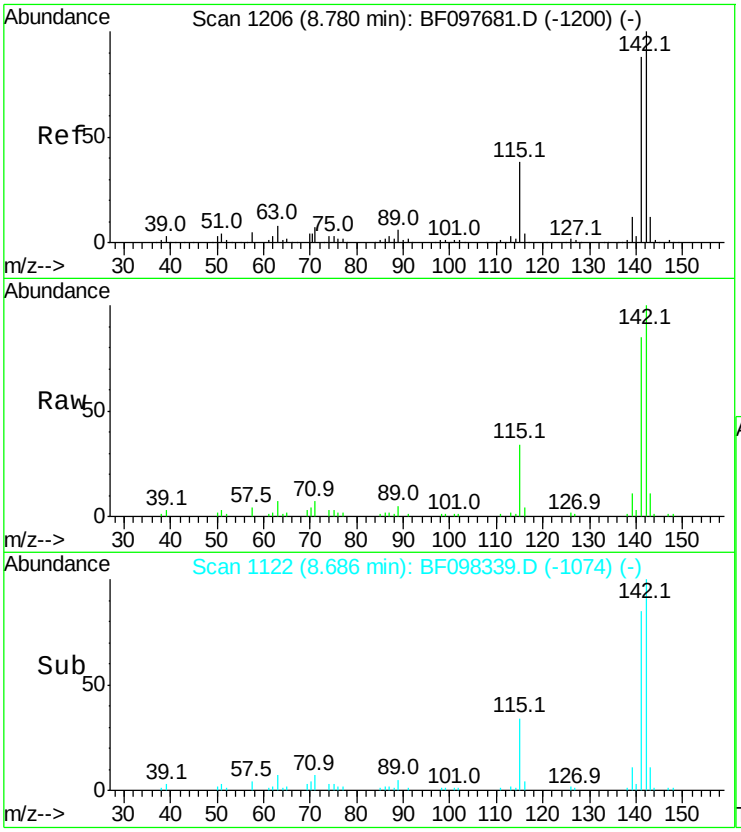


#33
4-Chloroaniline
Concen: 4.182 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:127 Resp: 35300

Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



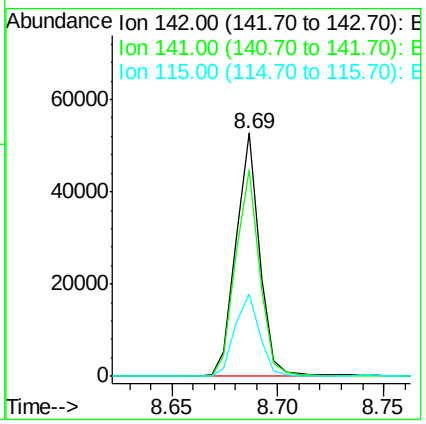


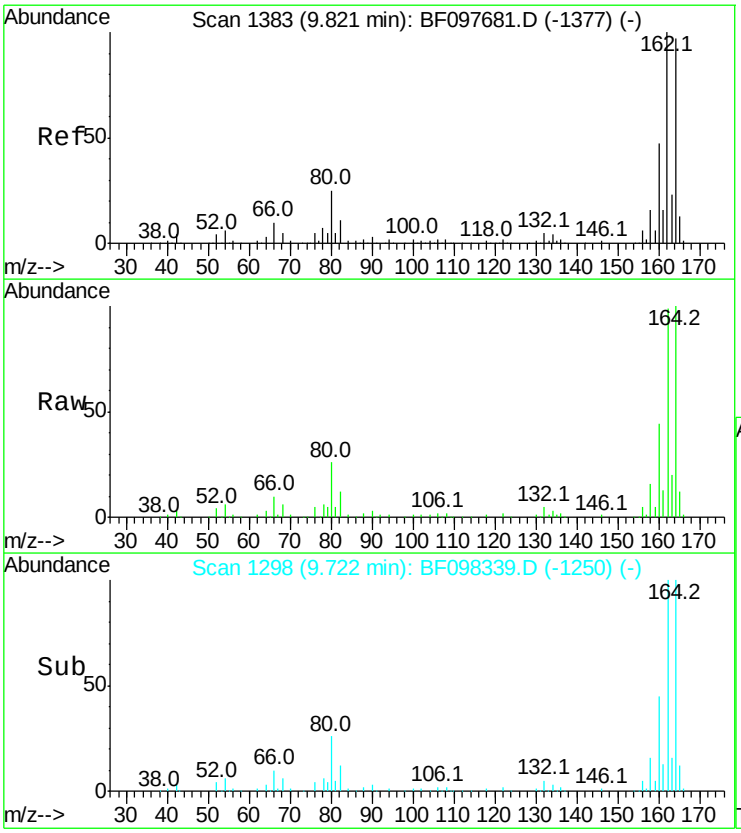
#37
2-Methylnaphthalene
Concen: 3.319 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:142 Resp: 40723

Ion	Ratio	Lower	Upper
142	100		
141	85.0	71.3	106.9
115	33.8	27.1	40.7

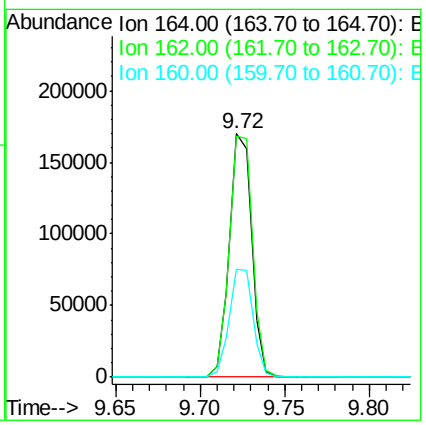


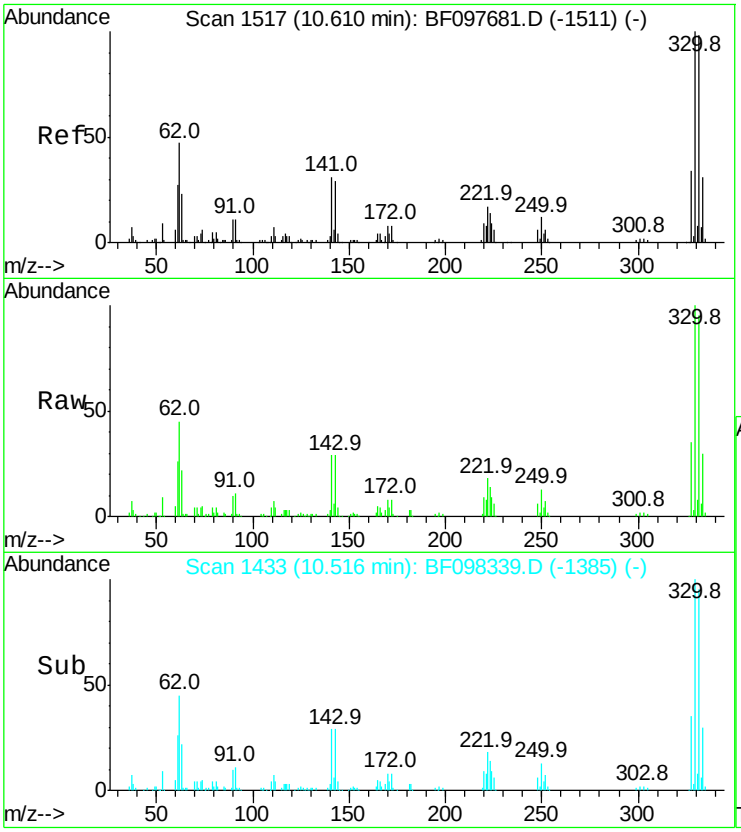


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:164 Resp: 155436

Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.6	123.8
160	44.3	36.2	54.2



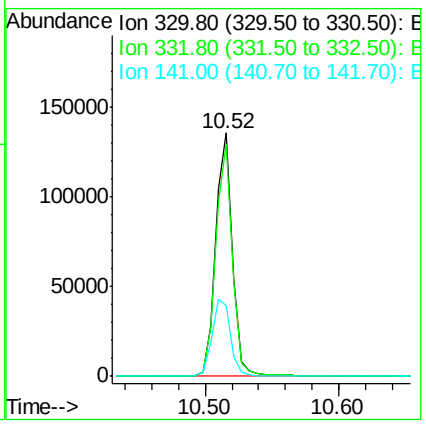


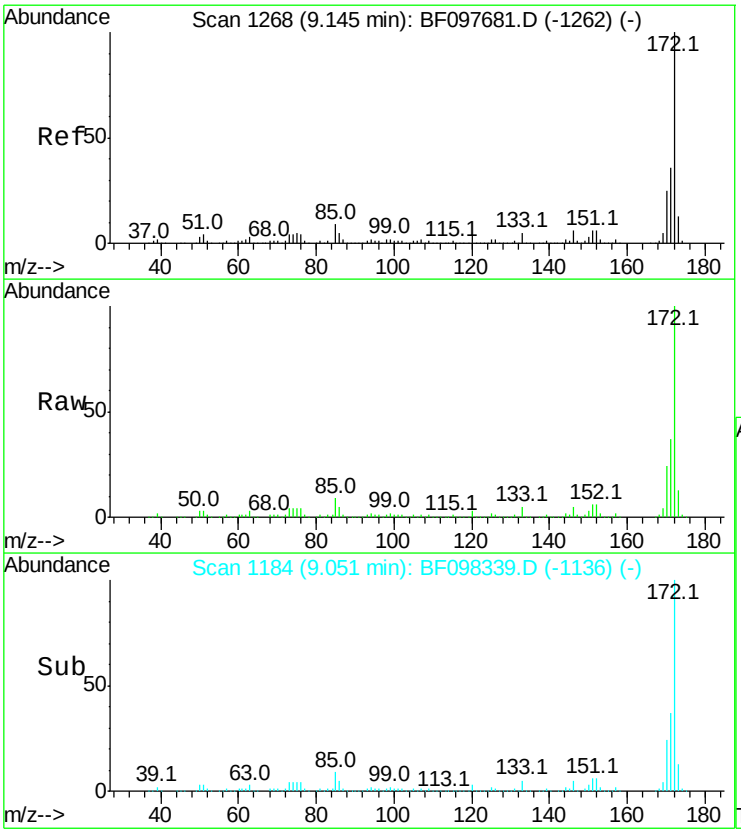
#41
2,4,6-Tribromophenol
Concen: 89.447 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:330 Resp: 120634

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	35.1	31.4	47.2

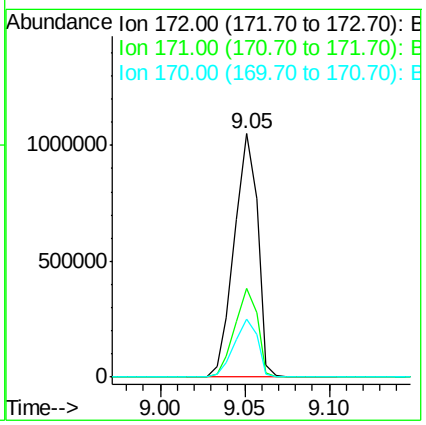


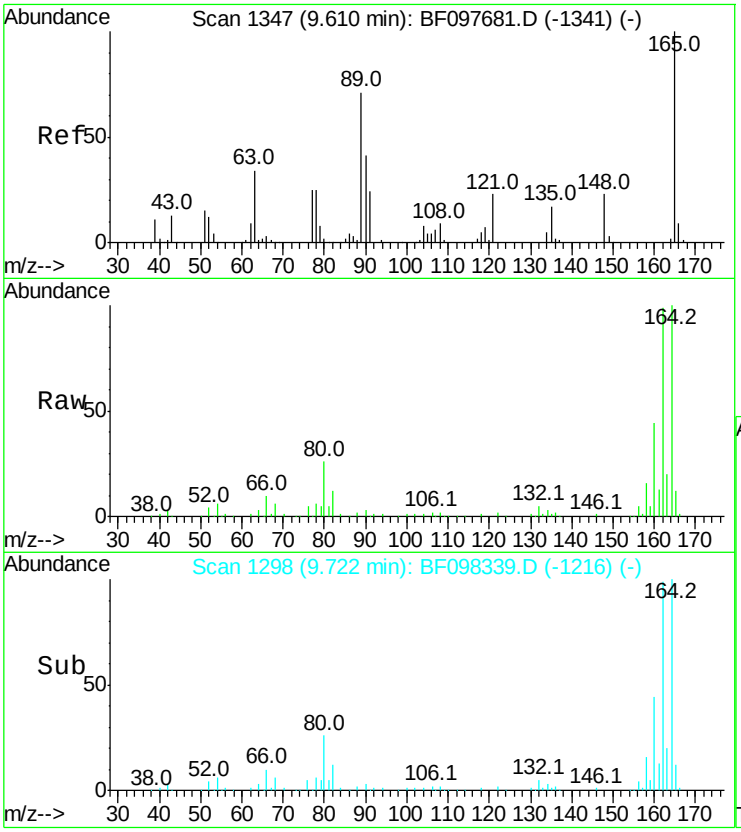


#44
2-Fluorobiphenyl
Concen: 96.034 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:172 Resp: 1015996

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8



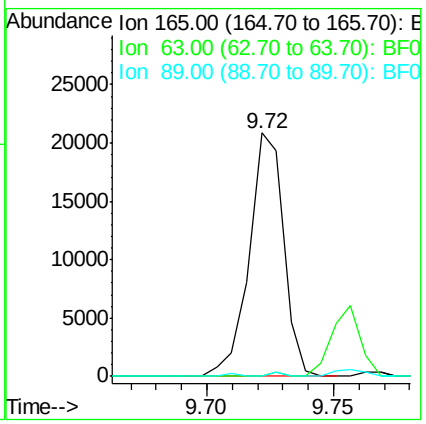


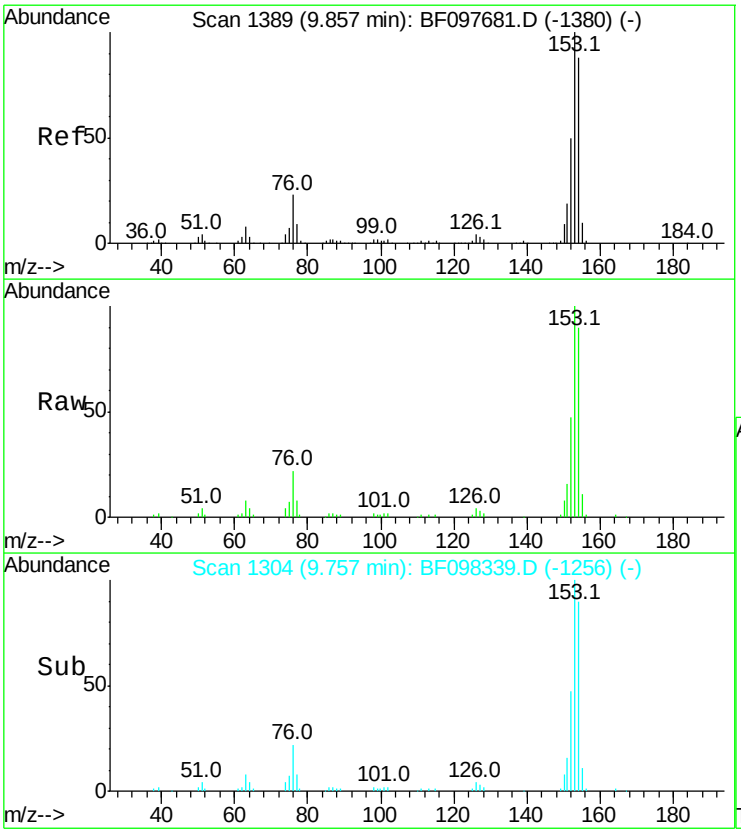
#50
2,6-Dinitrotoluene
Concen: 8.737 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.18 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:165 Resp: 19815

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

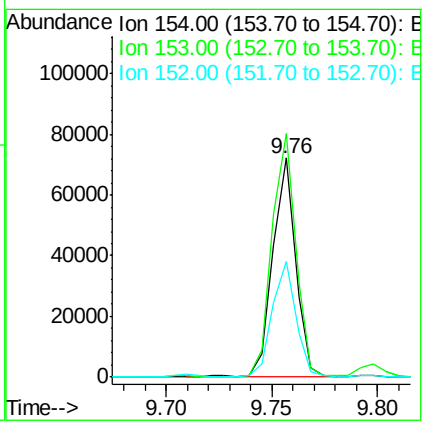


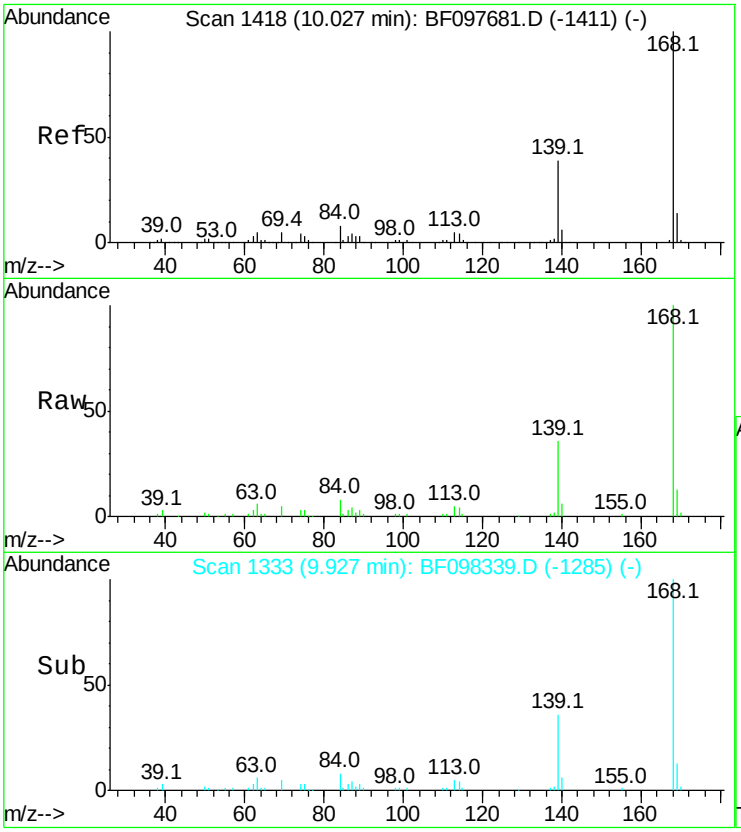


#51
Acenaphthene
Concen: 5.258 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:154 Resp: 54534

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	52.6	43.6	65.4



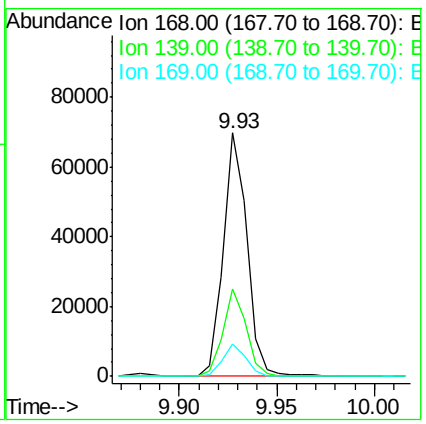


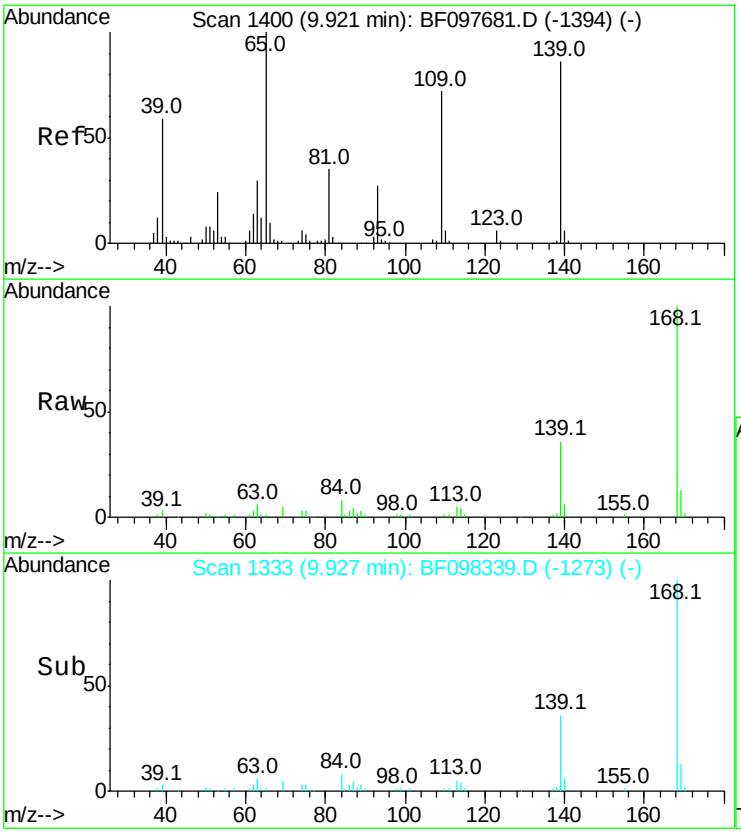
#54
Dibenzofuran
Concen: 4.234 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:168 Resp: 58857

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.2	10.8	16.2

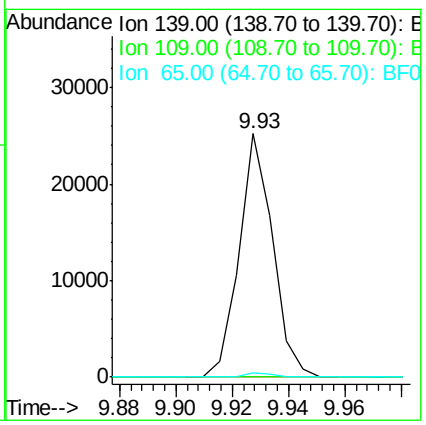


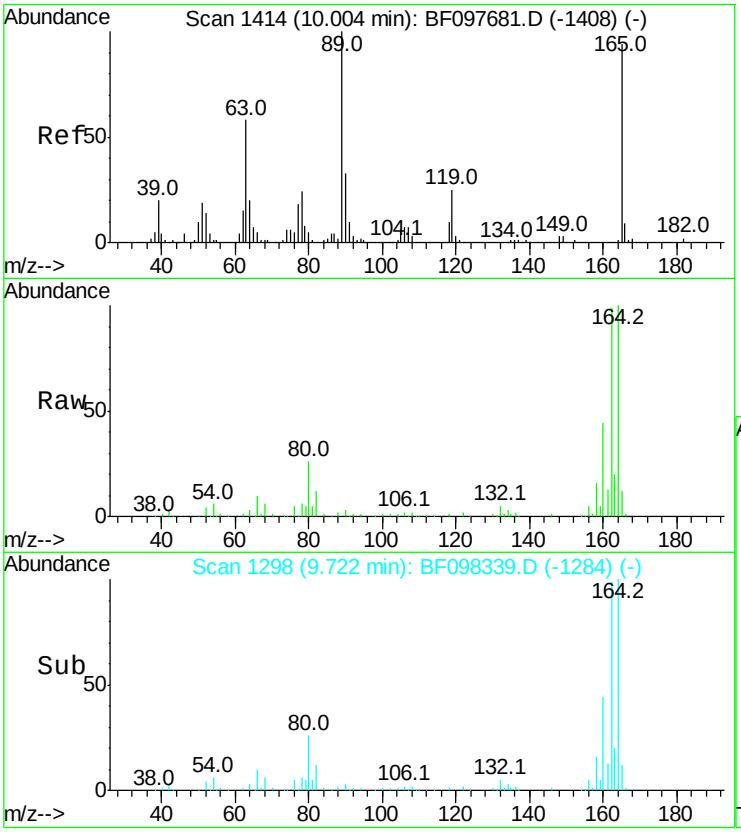


#55
4-Nitrophenol
Concen: 8.865 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.05 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:139 Resp: 20692

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	1.9	31.4	71.4#



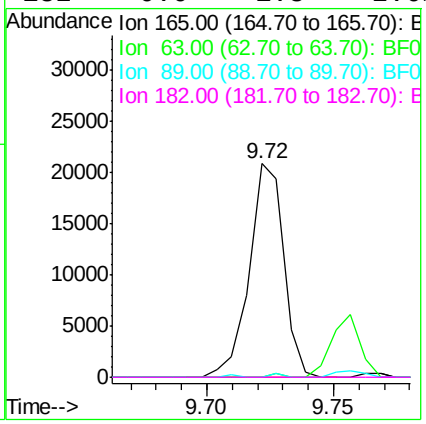


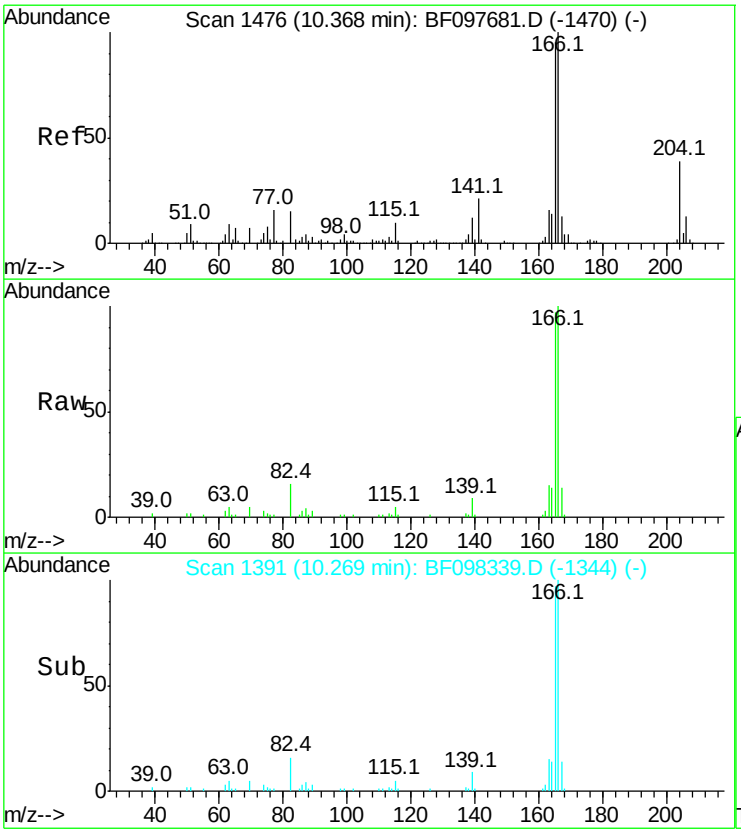
#56
2,4-Dinitrotoluene
Concen: 6.962 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.22 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:165 Resp: 19815

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

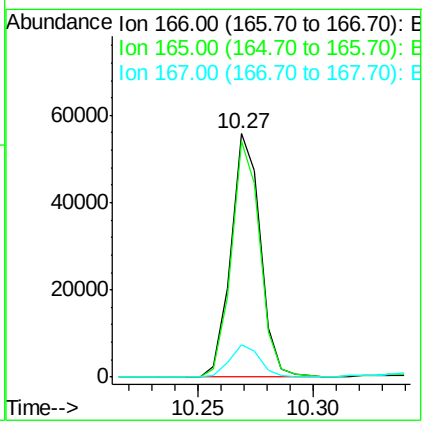


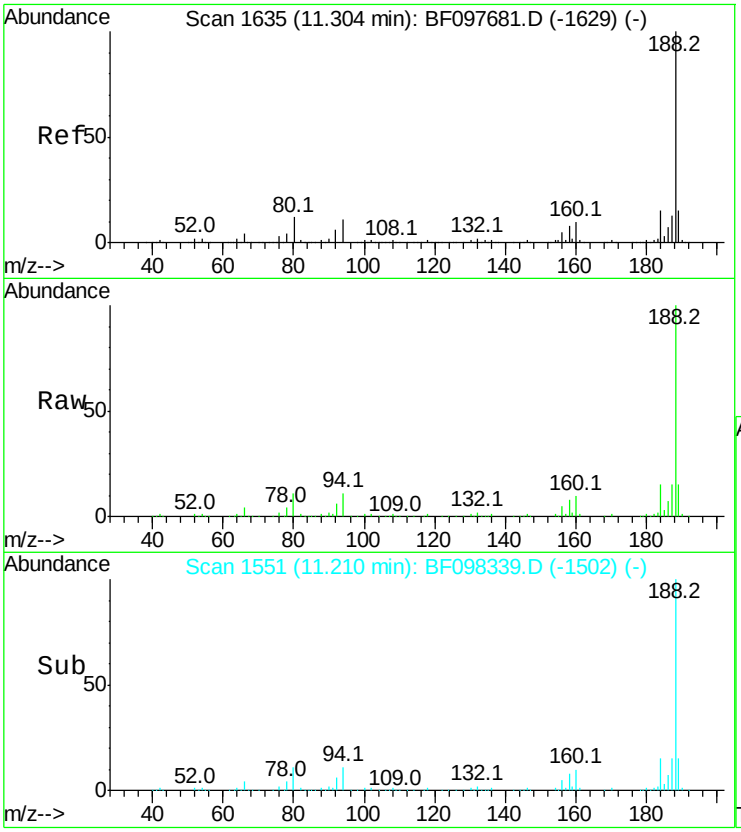


#57
Fluorene
Concen: 4.594 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:166 Resp: 49371

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	13.5	10.6	16.0



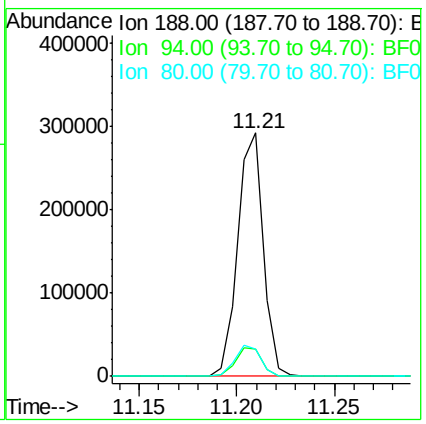


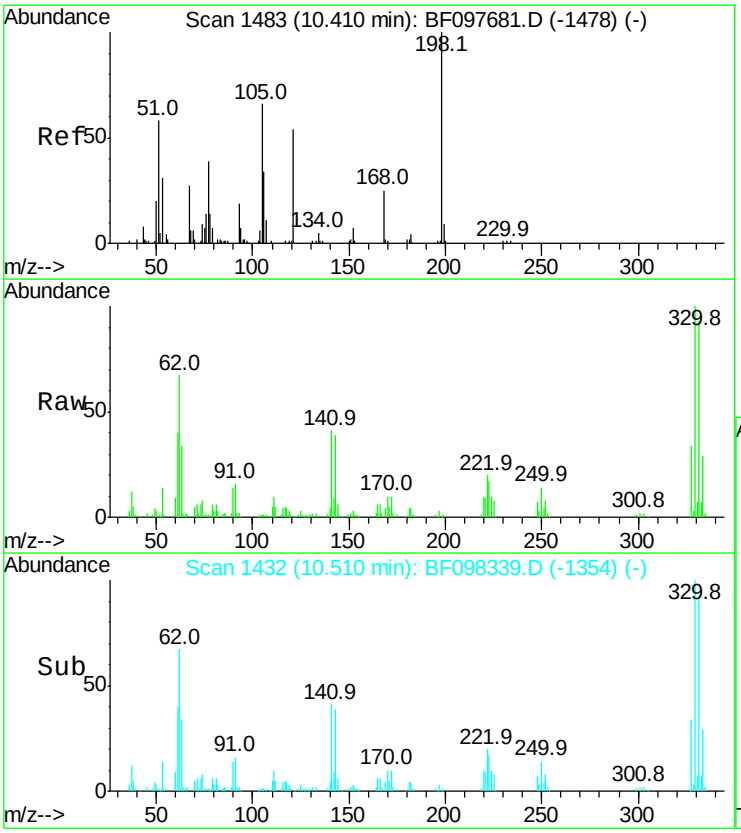
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:188 Resp: 265467

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.2	10.2	15.2

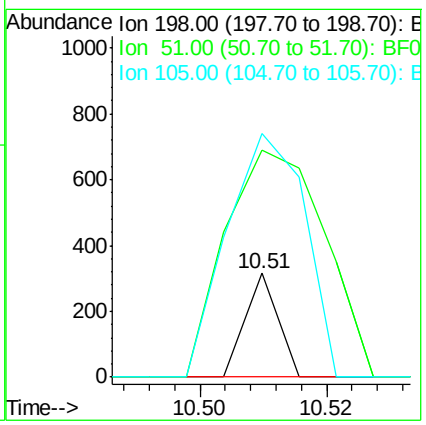


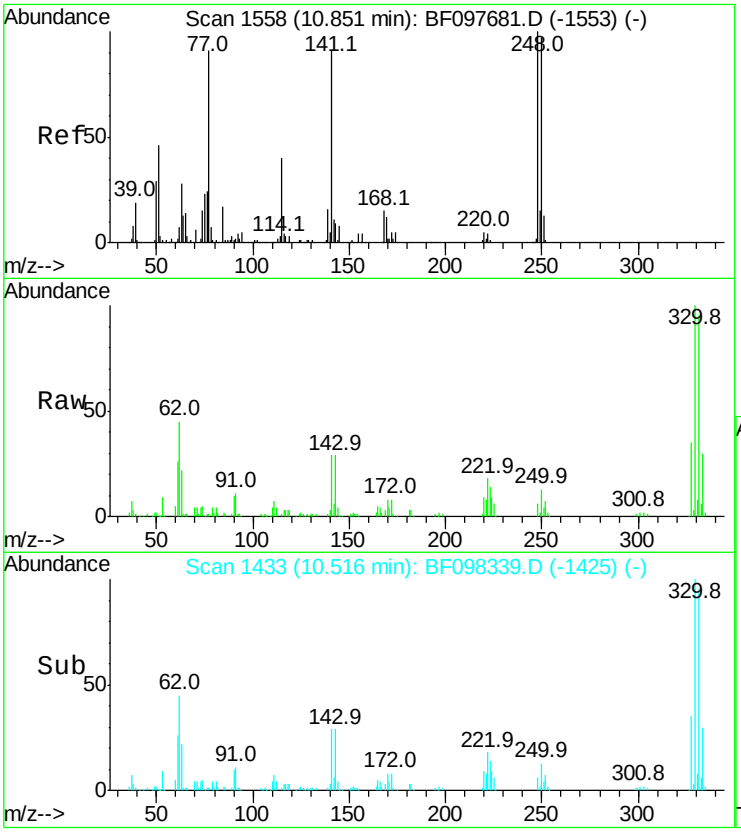


#64
4,6-Dinitro-2-methylphenol
Concen: 8.394 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.16 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	218.4	53.2	93.2#
105	234.2	45.8	85.8#



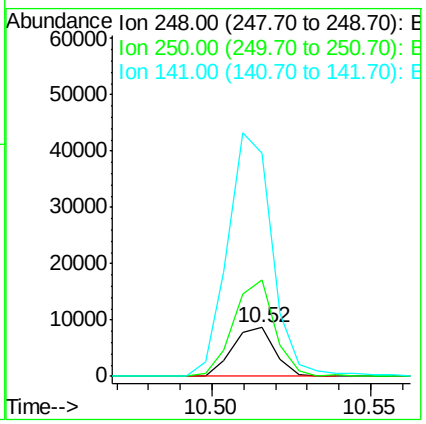


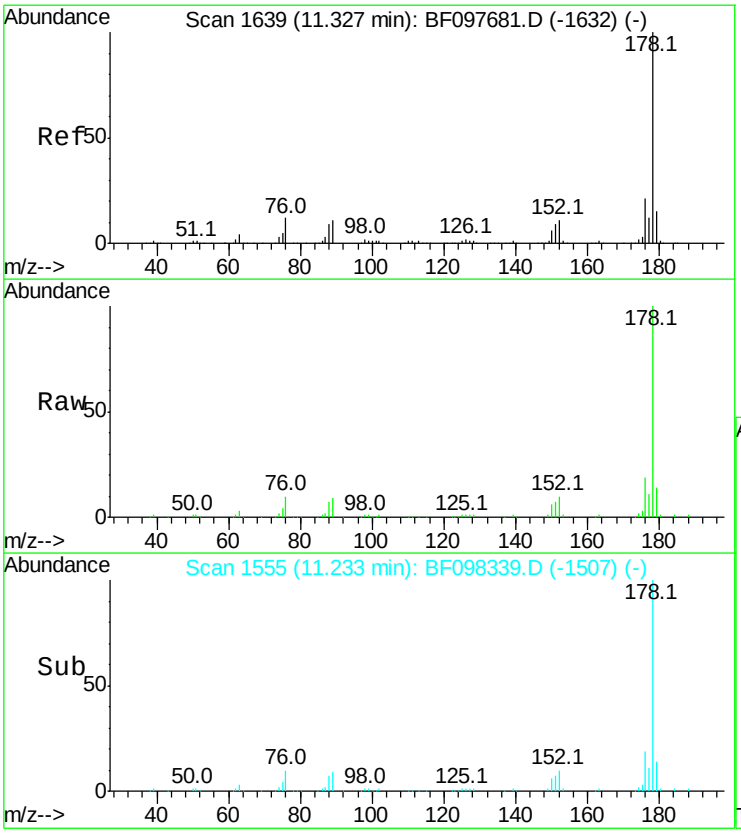
#66
4-Bromophenyl-phenylether
Concen: 2.872 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:248 Resp: 7918

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.8	115.2#
141	455.8	68.6	103.0#

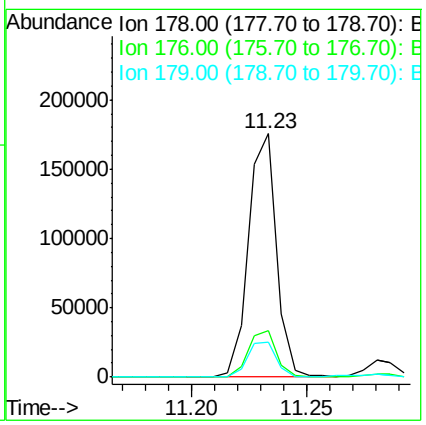


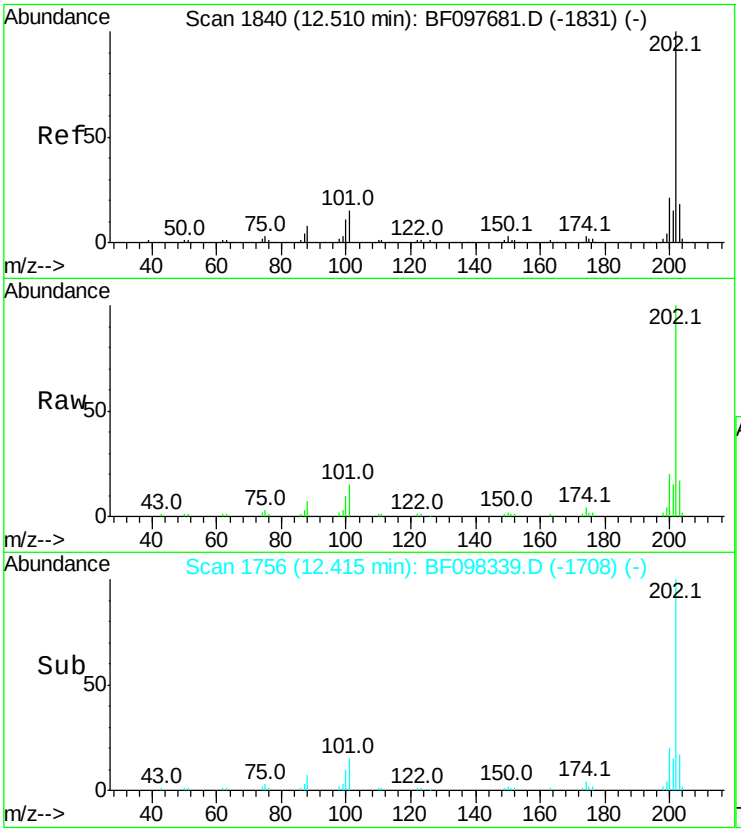


#70
Phenanthrene
Concen: 10.544 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:178 Resp: 149159

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.5	12.6	19.0



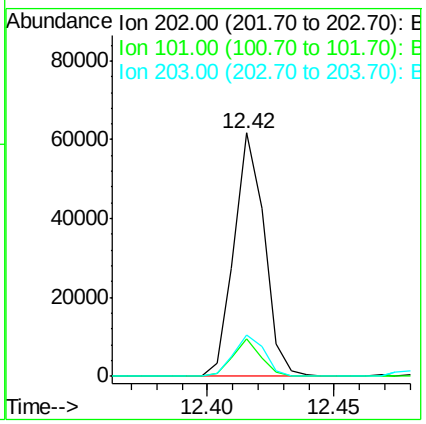


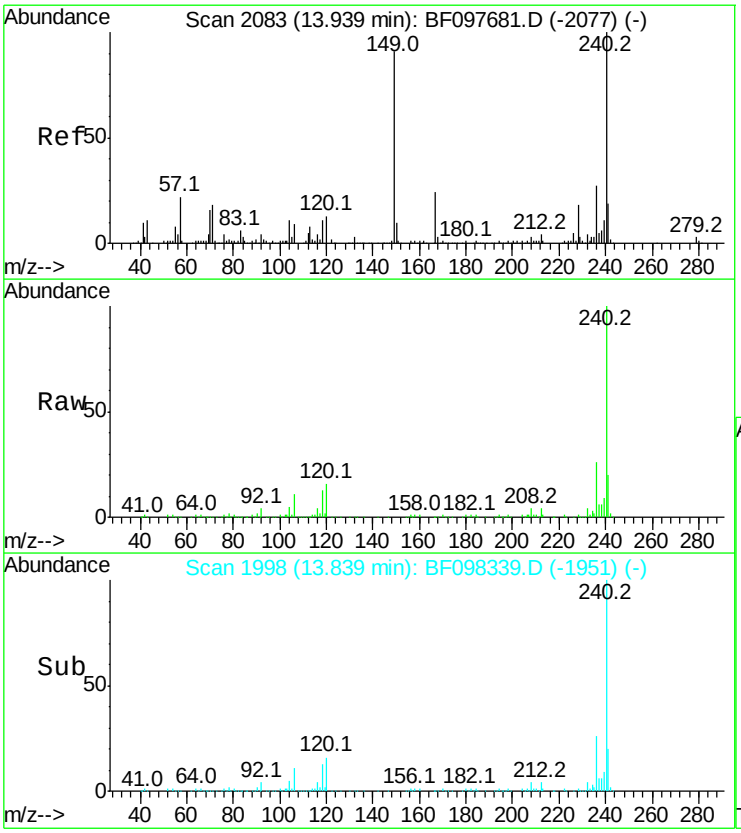
#74
Fluoranthene
Concen: 3.469 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:202 Resp: 51222

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.2
203	17.2	0.0	38.1

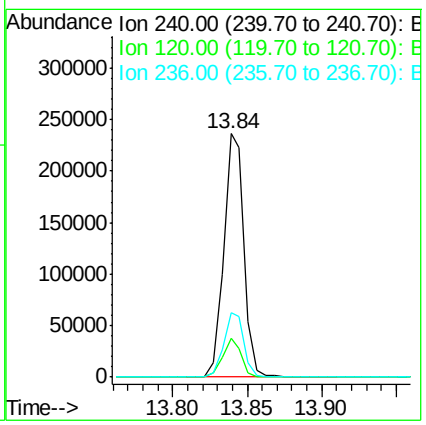


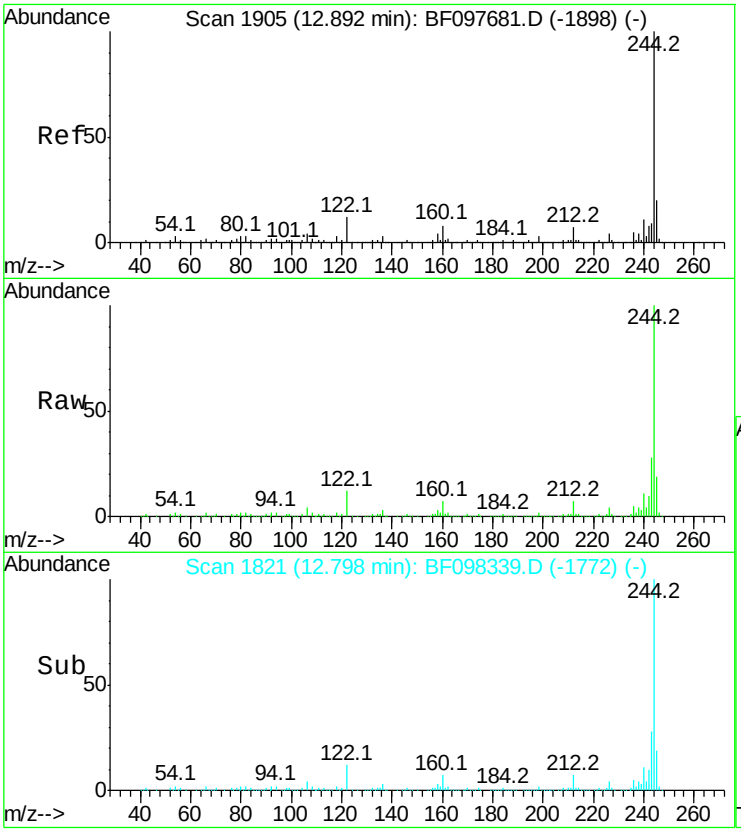


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:240 Resp: 226266

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	26.3	20.5	30.7



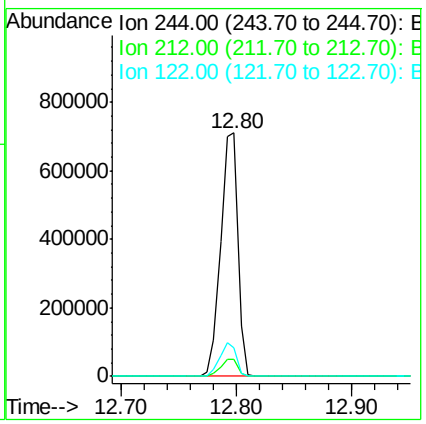


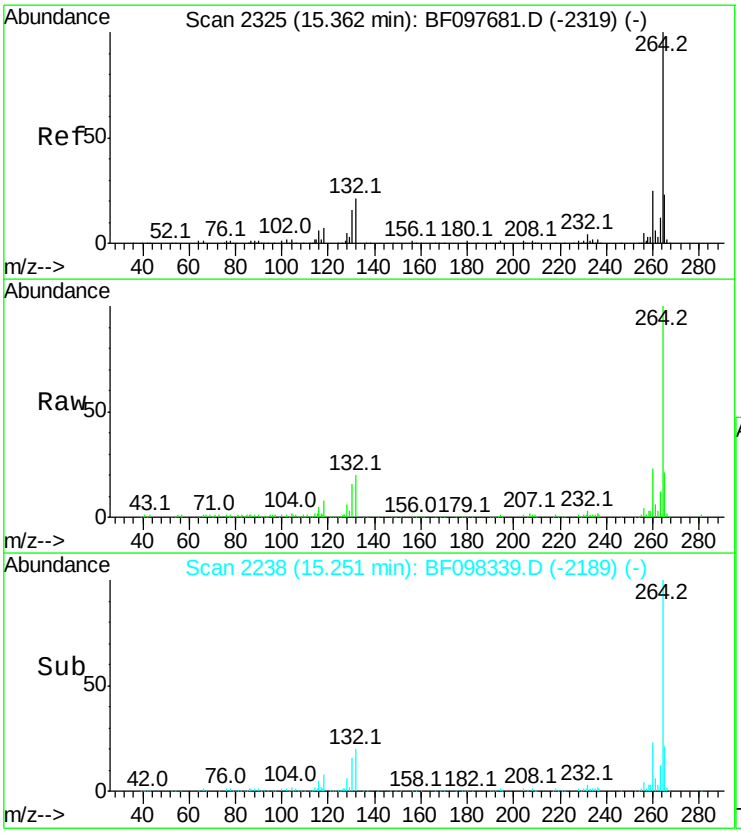
#78
Terphenyl-d14
Concen: 67.610 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098339.D
Acq: 8 Sep 2017 3:42

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

Tgt Ion:244 Resp: 733589

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	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: BF098339.D
Acq: 8 Sep 2017 3:42

Tgt Ion:264 Resp: 150527

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8