Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098484.D
Acq On : 13 Sep 2017 12:33
Operator : SJ/JU
Sample : PB102212BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 13 13:34:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168815	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	695811	20.00	ng		-0.02
38) Acenaphthene-d10	9.69	164	313788	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	599820	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	518984	20.00	ng		-0.02
86) Perylene-d12	15.20	264	449656	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1433601	125.56	ng		0.00
7) Phenol-d6	6.30	99	1731881	119.47	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1075861	86.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	305368	145.81	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1804339	97.46	ng		-0.02
78) Terphenyl-d14	12.76	244	1684873	70.07	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	30983	3.269	ng		82
19) n-Nitroso-di-n-propylamine	7.22	70	140905	15.452	ng	#	79
25) Isophorone	7.22	82	1065079	42.177	ng	#	67
49) Dimethylphthalate	9.69	163	88678	3.651	ng	#	1
50) 2,6-Dinitrotoluene	9.69	165	39361	7.889	ng	#	34
56) 2,4-Dinitrotoluene	9.69	165	39361	6.489	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.47	198	722	5.140	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	23291	4.091	ng	#	1

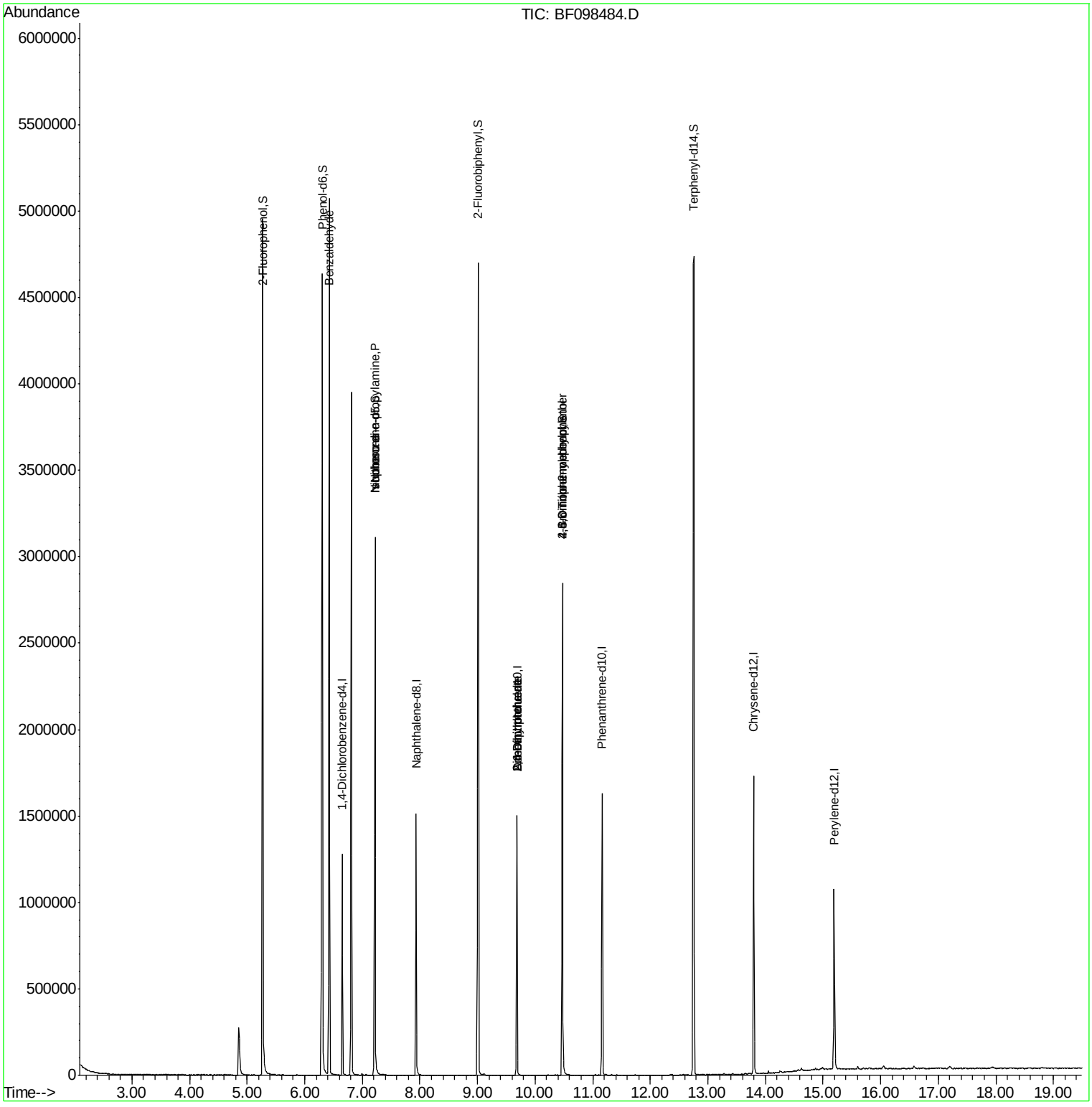
(#) = qualifier out of range (m) = manual integration (+) = signals summed

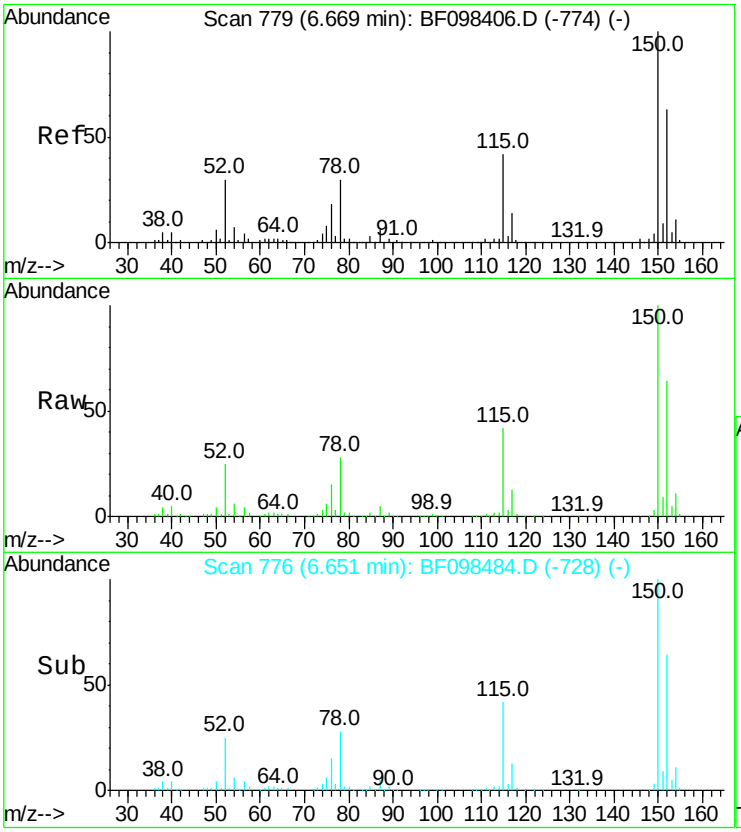
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098484.D
Acq On : 13 Sep 2017 12:33
Operator : SJ/JU
Sample : PB102212BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 13 13:34:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

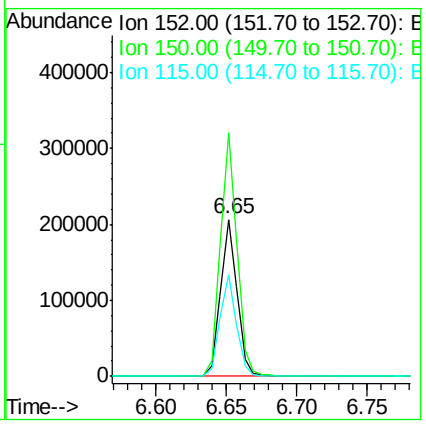




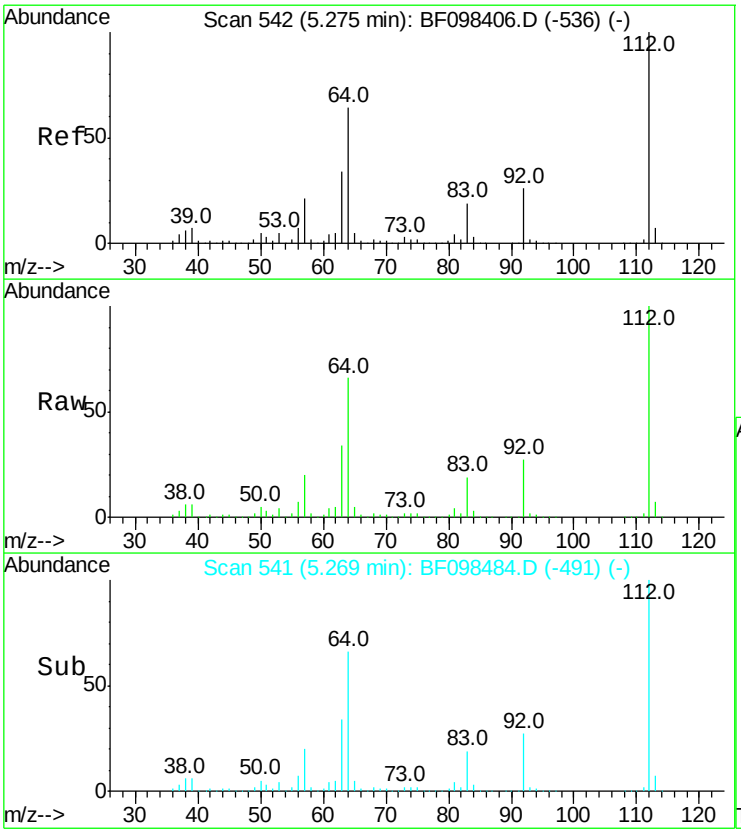
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:152 Resp: 168815

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	65.1	52.2	78.2



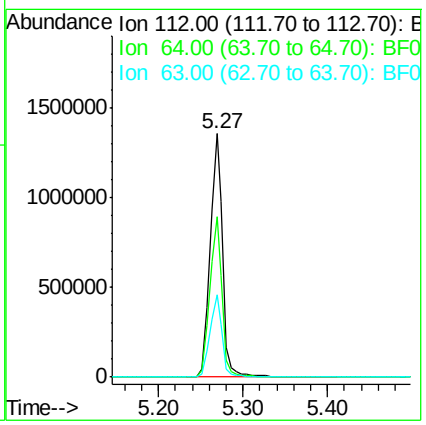
Instrument :
BNA_F
ClientSampleId :

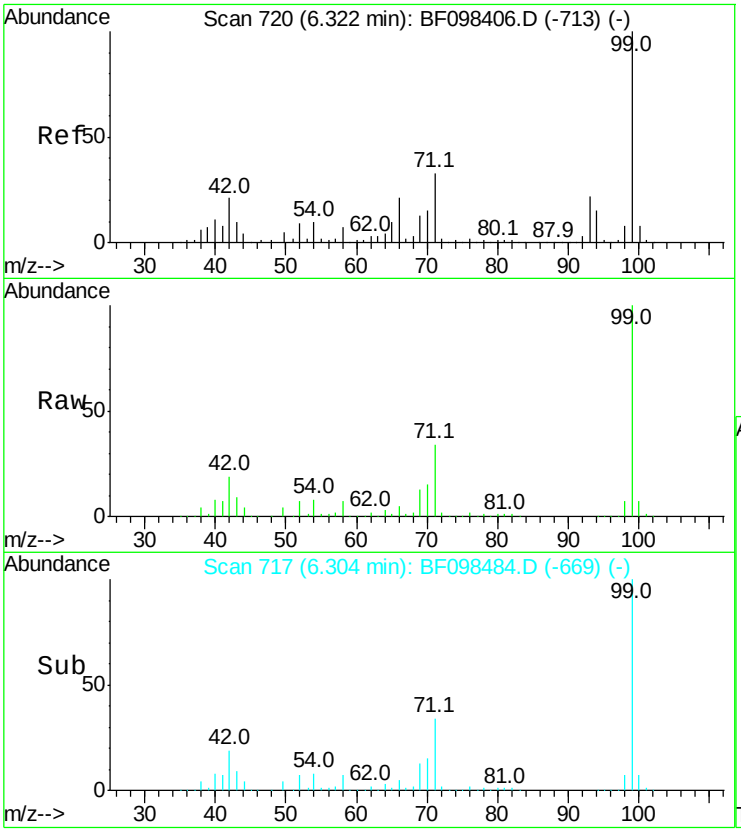


#5
2-Fluorophenol
Concen: 125.558 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:112 Resp: 1433601

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.6	23.4	35.0



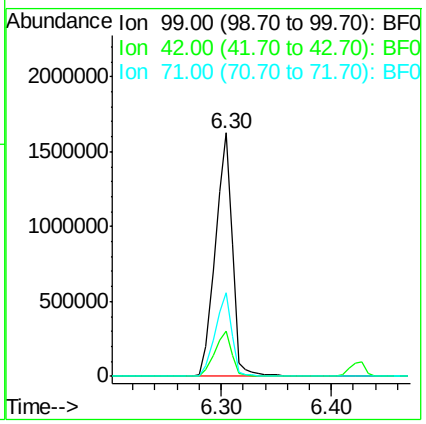


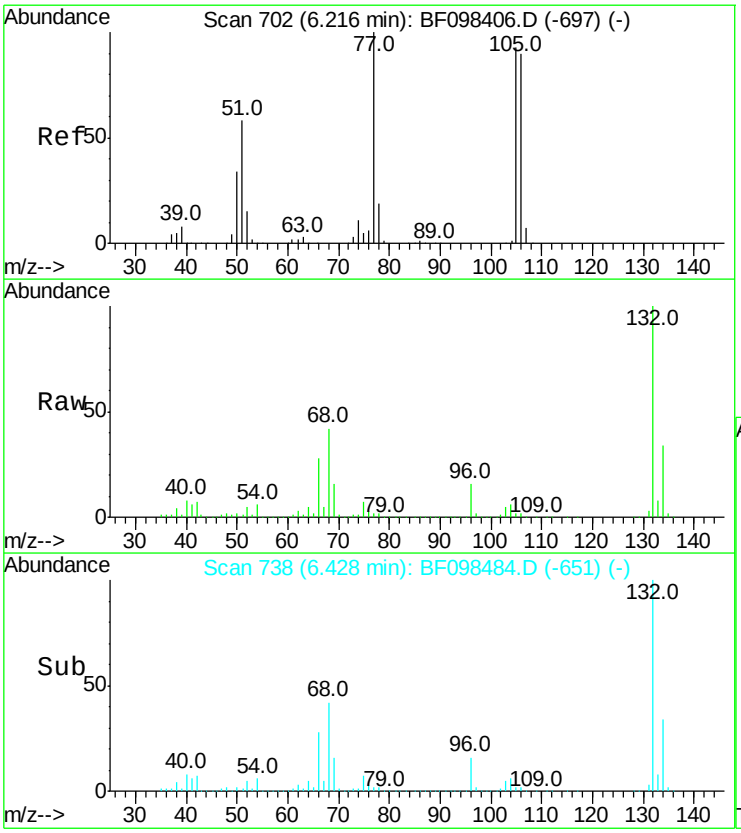
#7
Phenol-d6
Concen: 119.467 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1731881

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	34.3	24.5	36.7

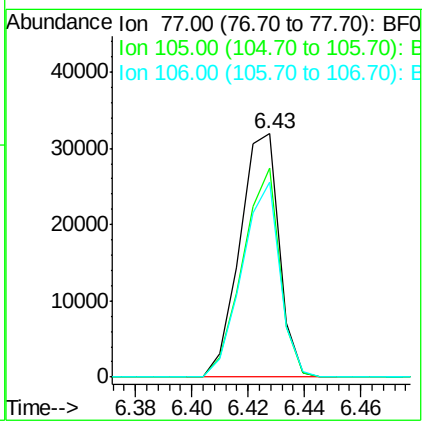


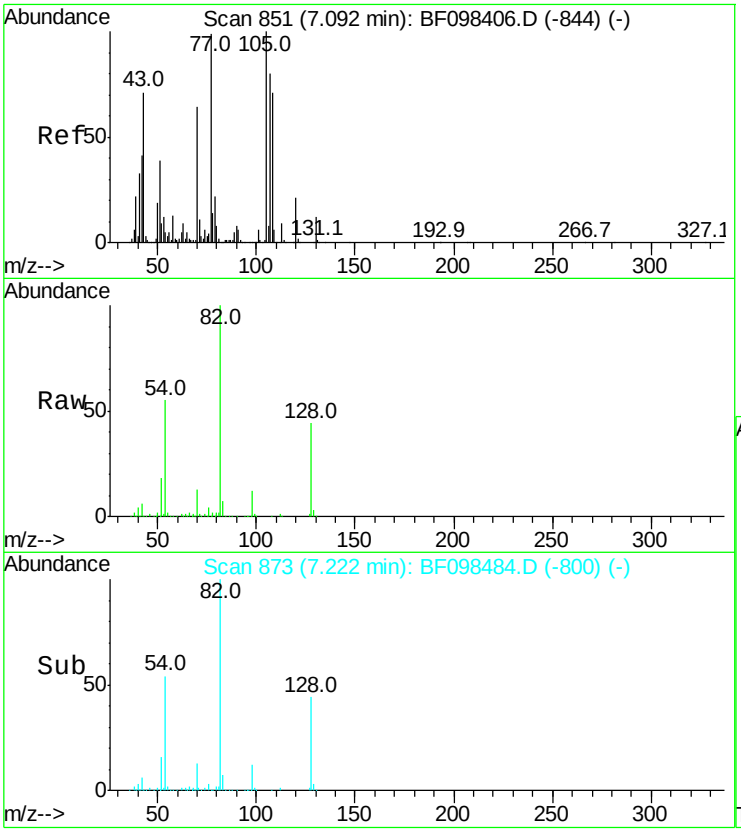


#9
Benzaldehyde
Concen: 3.269 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.21 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion: 77 Resp: 30983

Ion	Ratio	Lower	Upper
77	100		
105	85.7	83.8	123.8
106	80.1	79.1	119.1



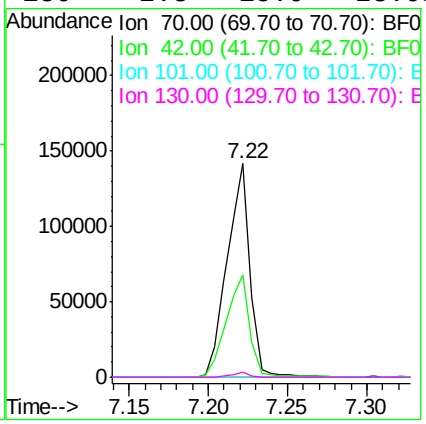


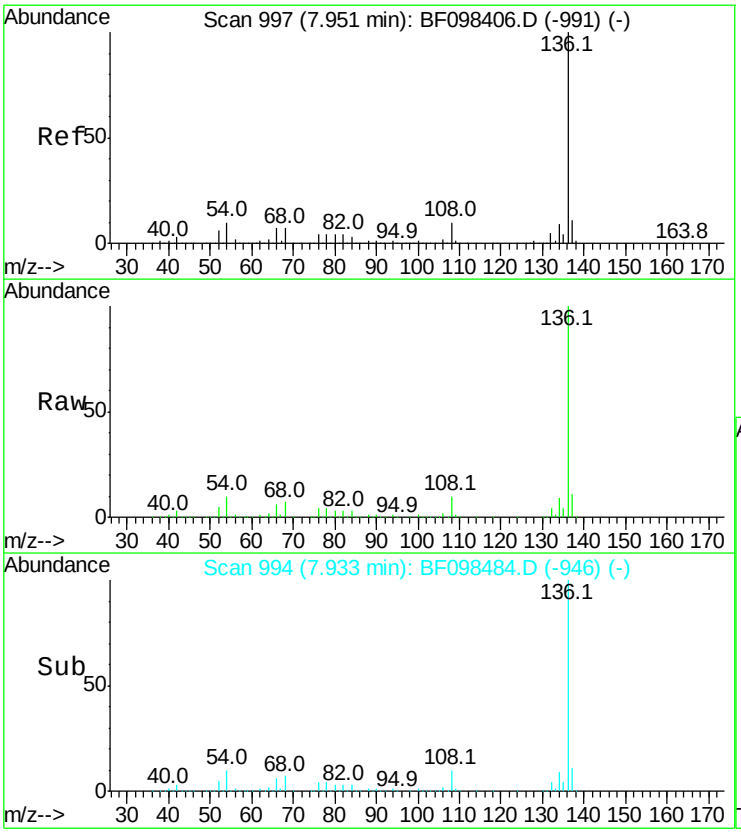
#19
n-Nitroso-di-n-propylamine
Concen: 15.452 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 140905

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

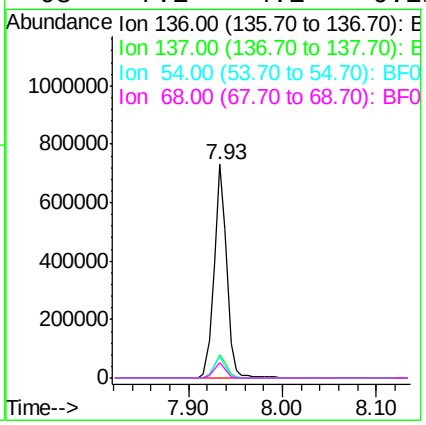


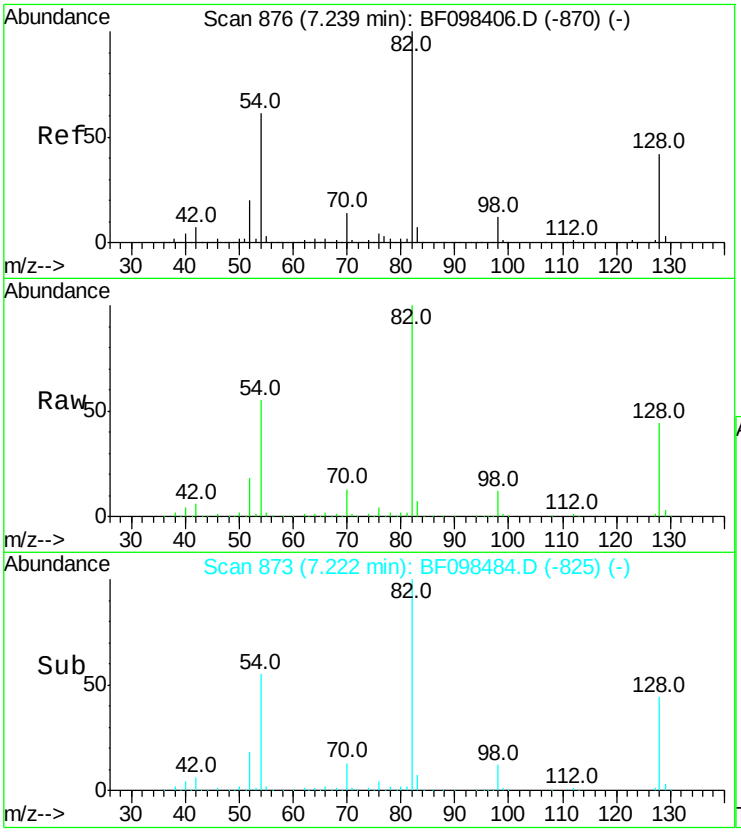


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:136 Resp: 695811

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.2	4.9	7.3#
68	7.1	4.1	6.1#



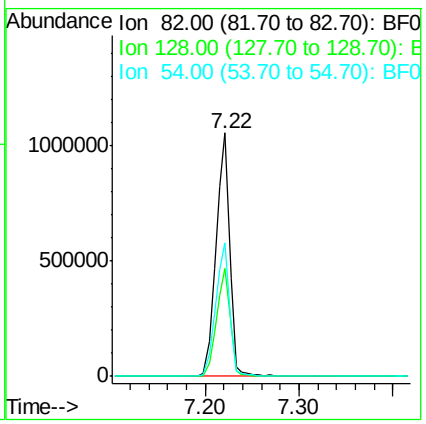


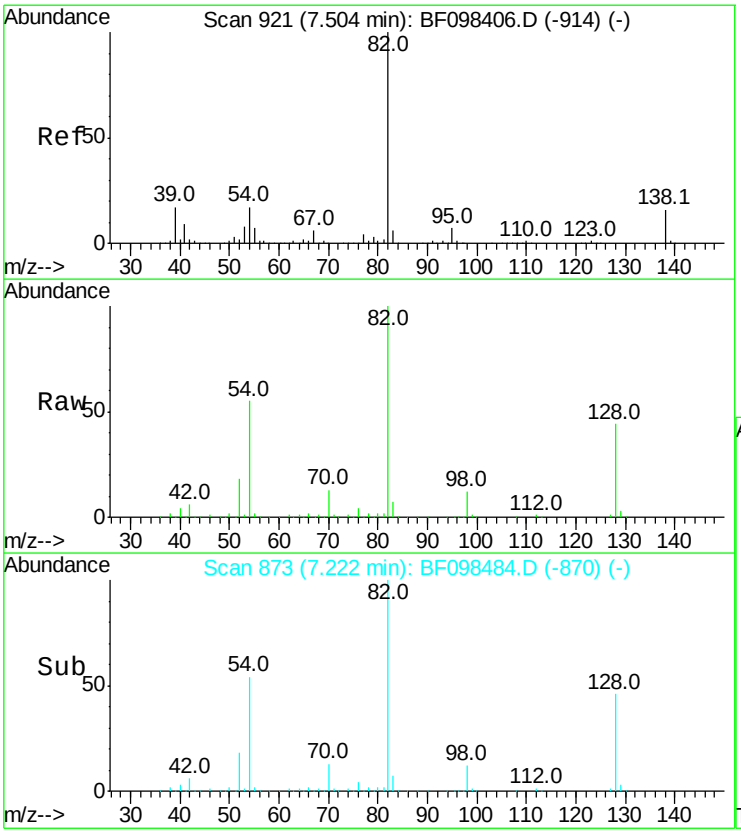
#23
Nitrobenzene-d5
Concen: 86.200 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1075861

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	54.9	42.2	63.2

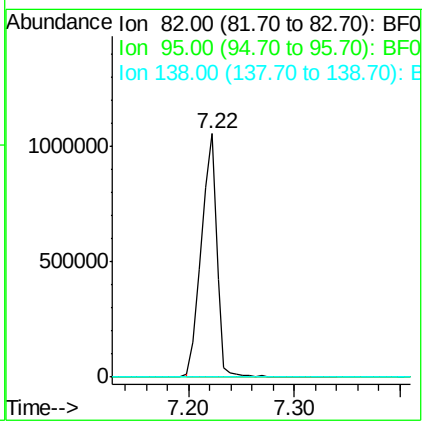


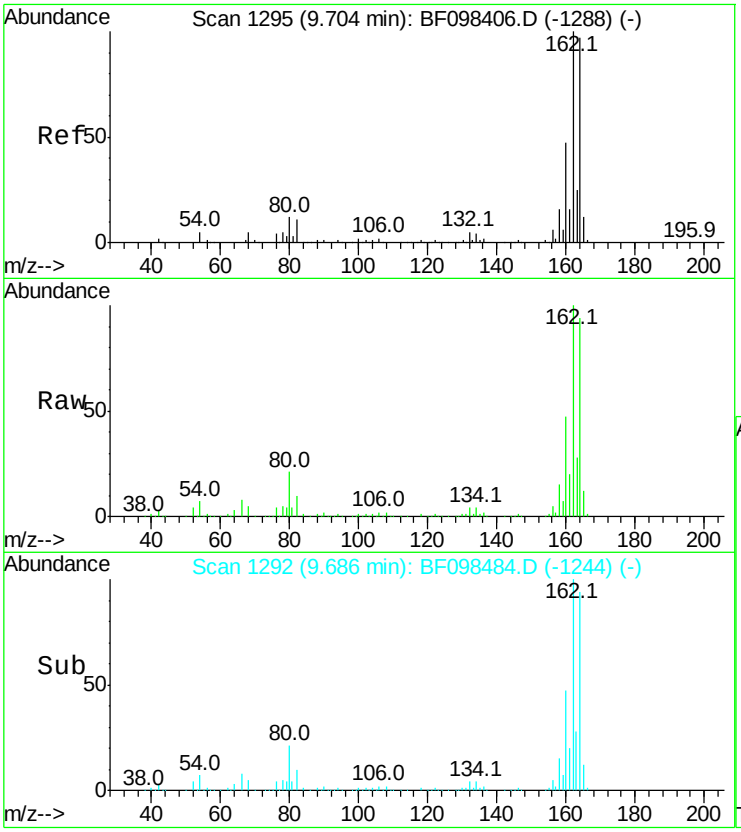


#25
Isophorone
Concen: 42.177 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion: 82 Resp: 1065079

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



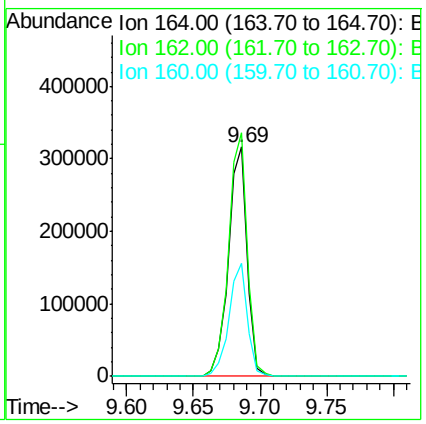


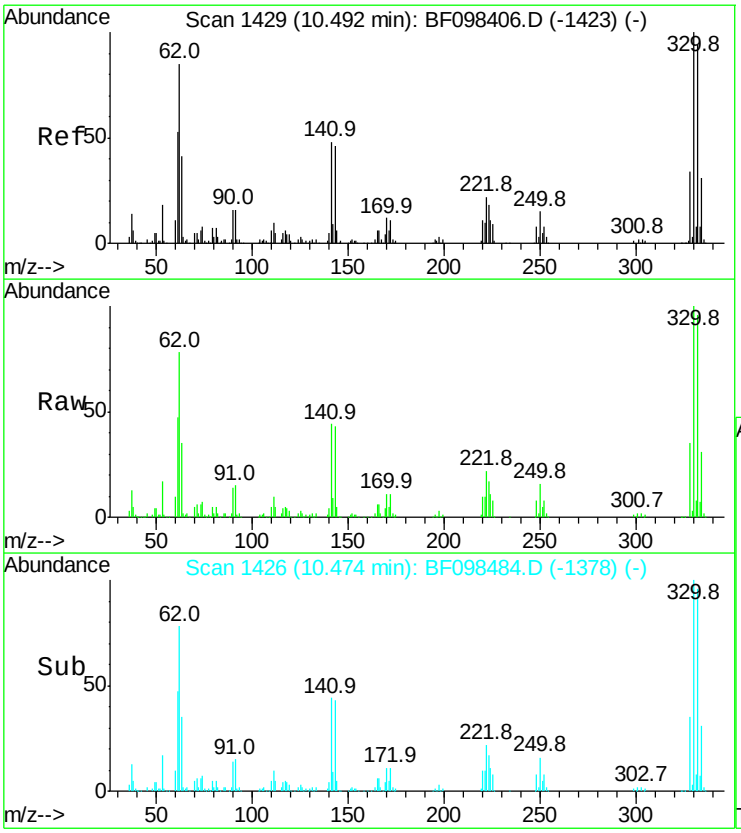
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 313788

Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.6	123.8
160	49.4	36.2	54.2

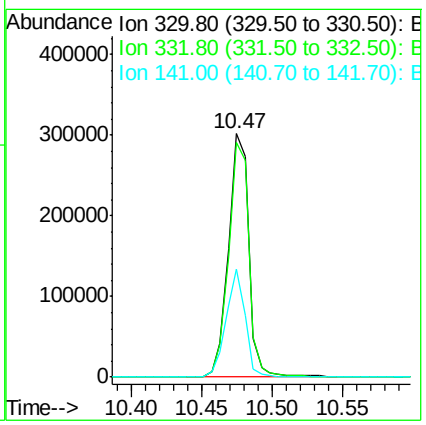


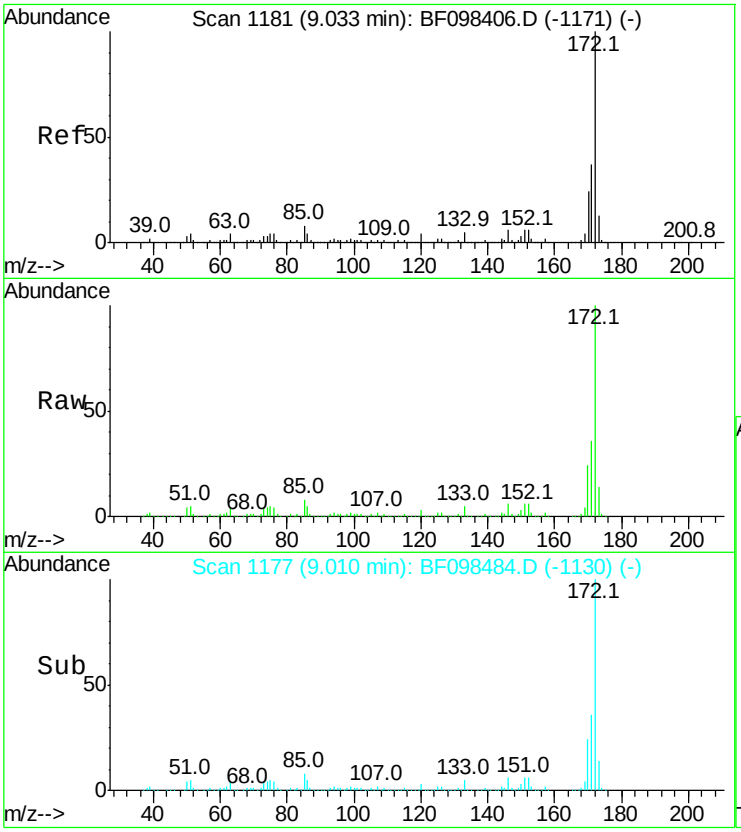


#41
2,4,6-Tribromophenol
Concen: 145.811 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:330 Resp: 305368

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	41.6	31.4	47.2



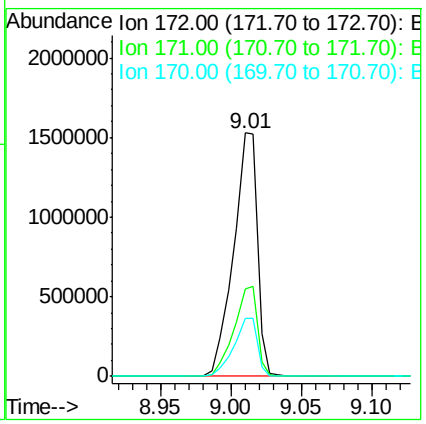


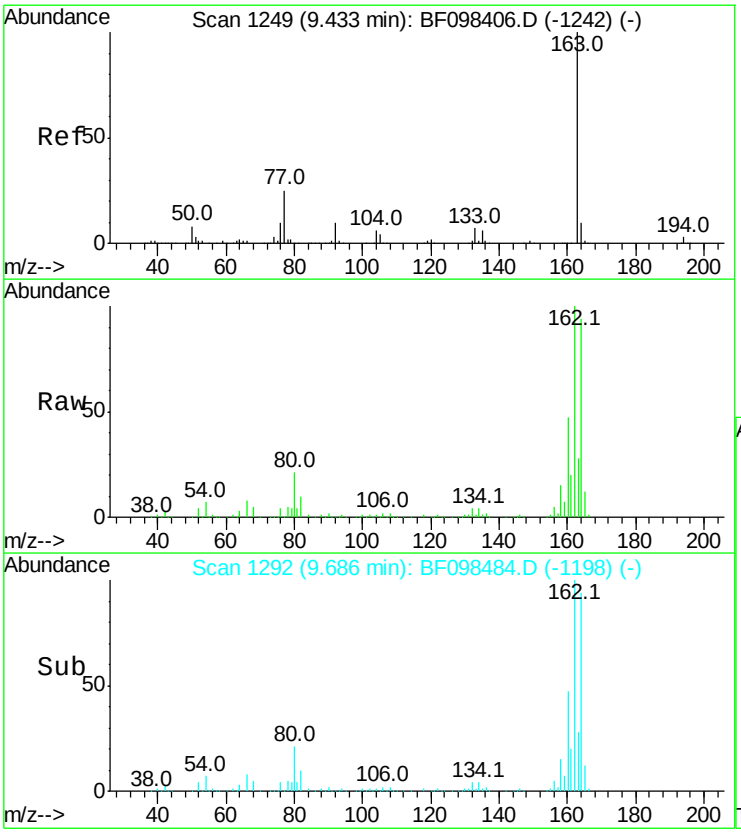
#44
2-Fluorobiphenyl
Concen: 97.461 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1804339

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

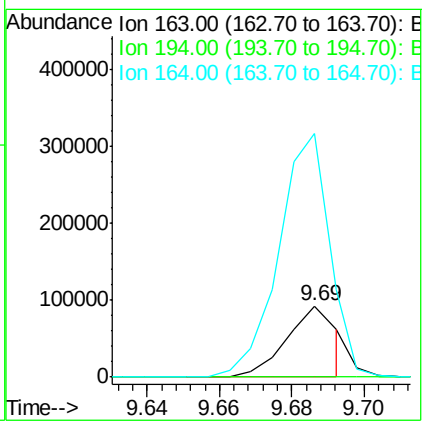


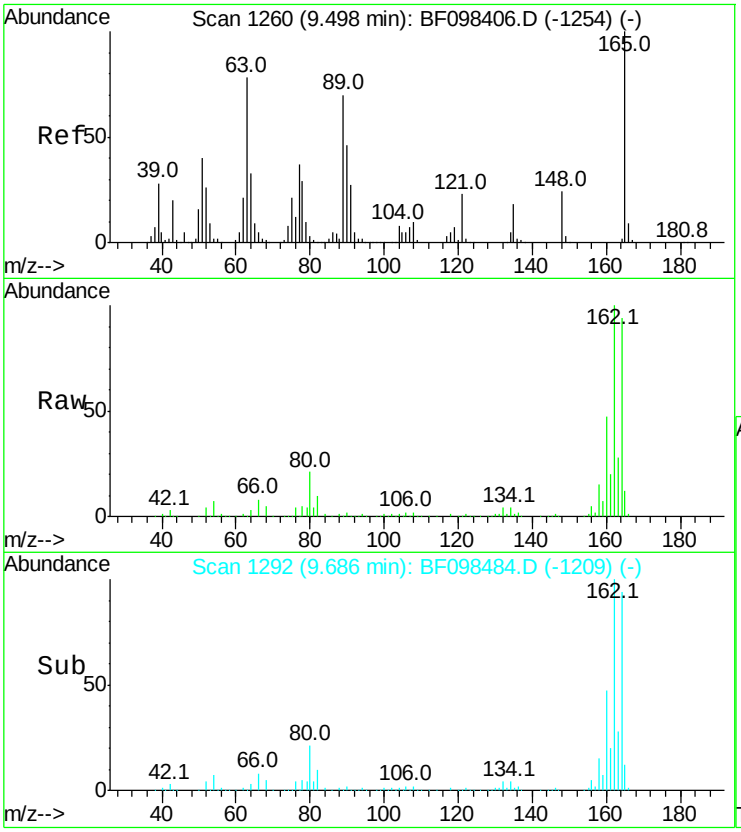


#49
Dimethylphthalate
Concen: 3.651 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.25 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:163 Resp: 88678

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	340.9	8.4	12.6#



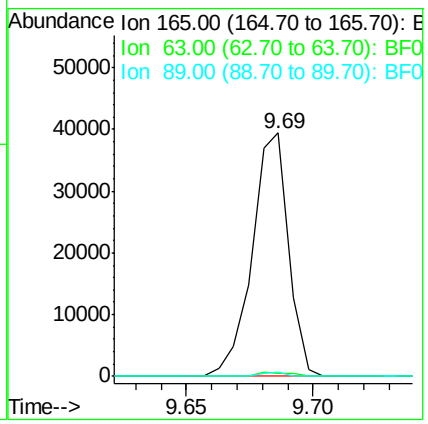


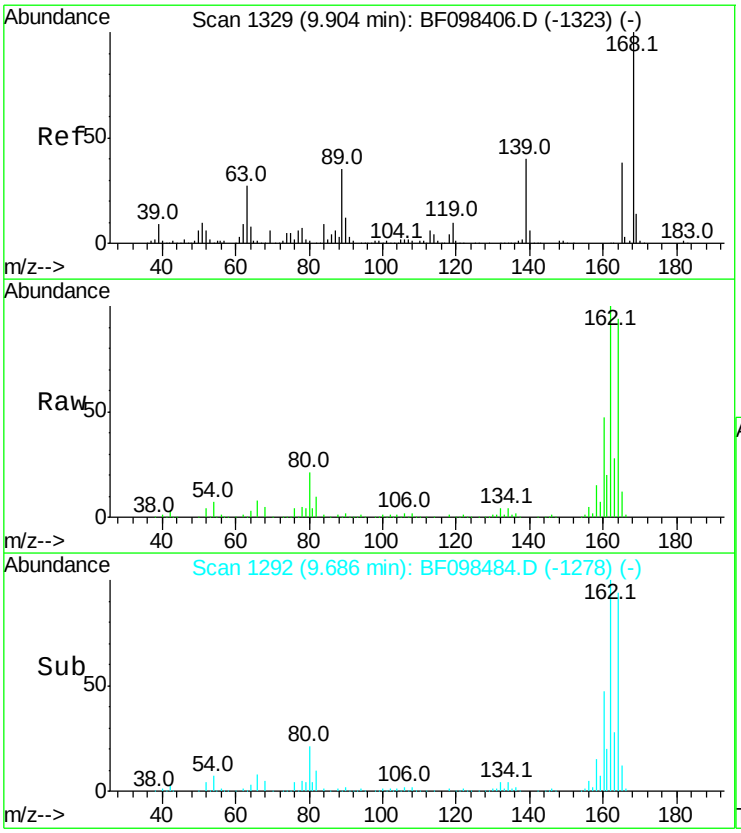
#50
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39361

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.8	37.1	55.7#

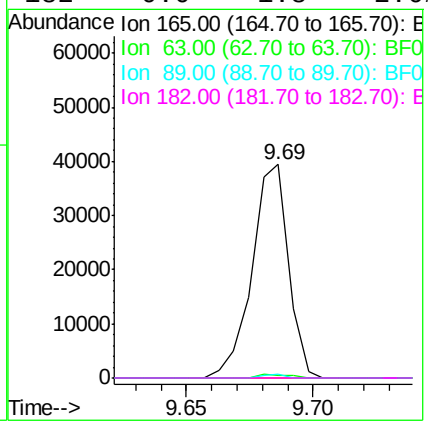


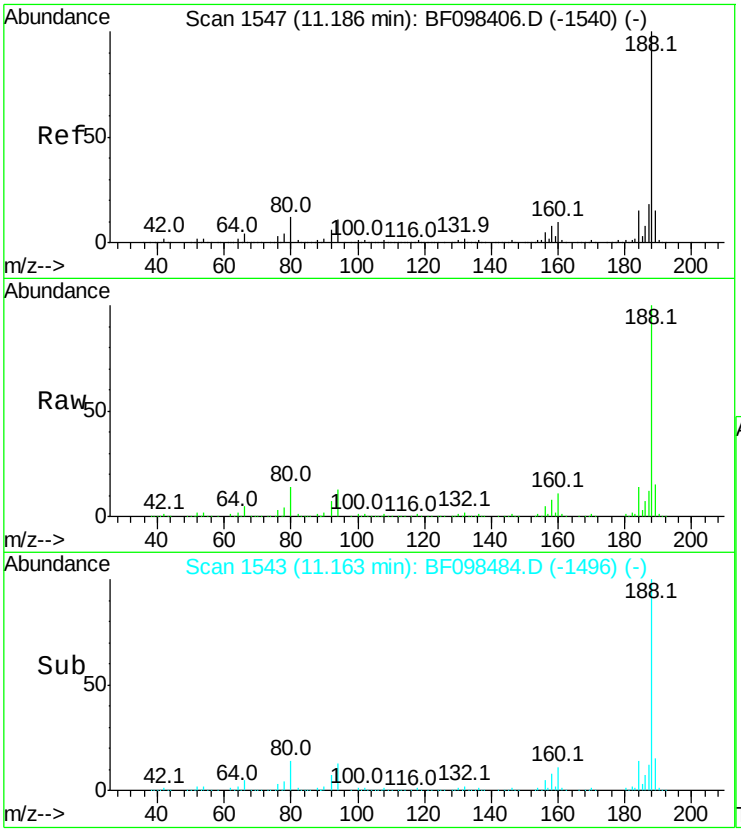


#56
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:165 Resp: 39361

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



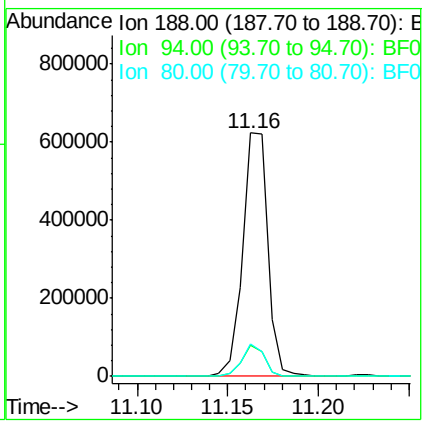


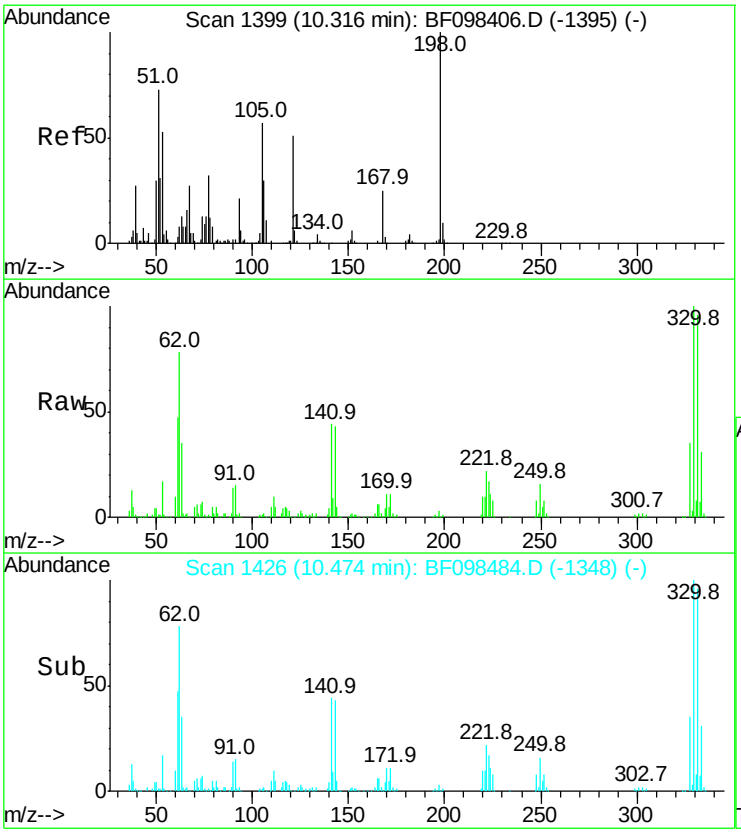
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 599820

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	13.6	10.2	15.2

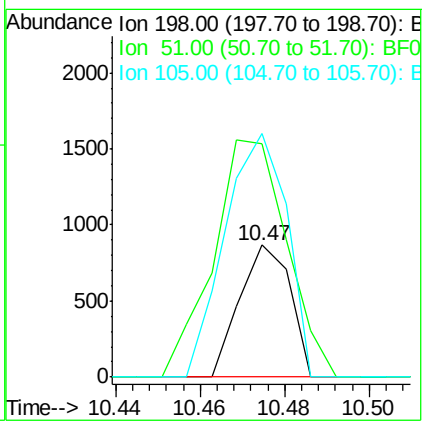


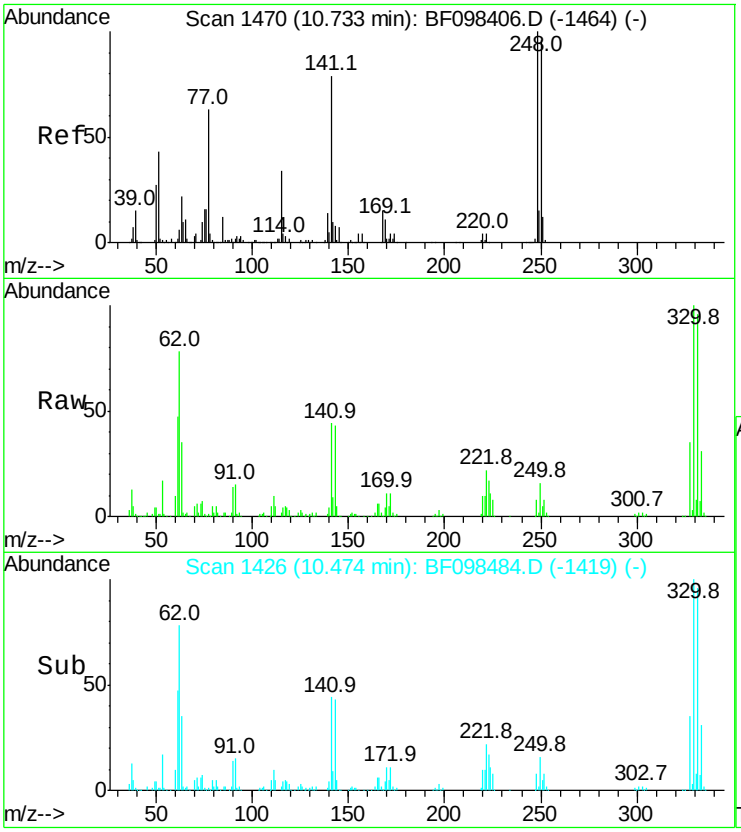


#64
4,6-Dinitro-2-methylphenol
Concen: 5.140 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.16 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:198 Resp: 722

Ion	Ratio	Lower	Upper
198	100		
51	176.6	53.2	93.2#
105	184.2	45.8	85.8#



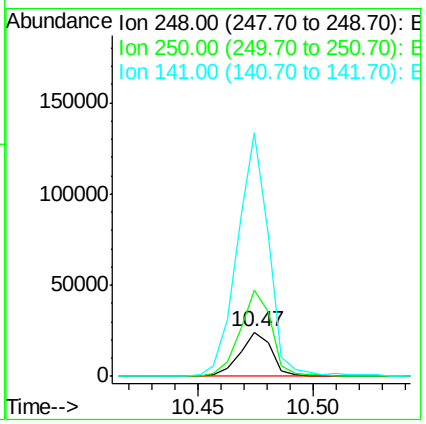


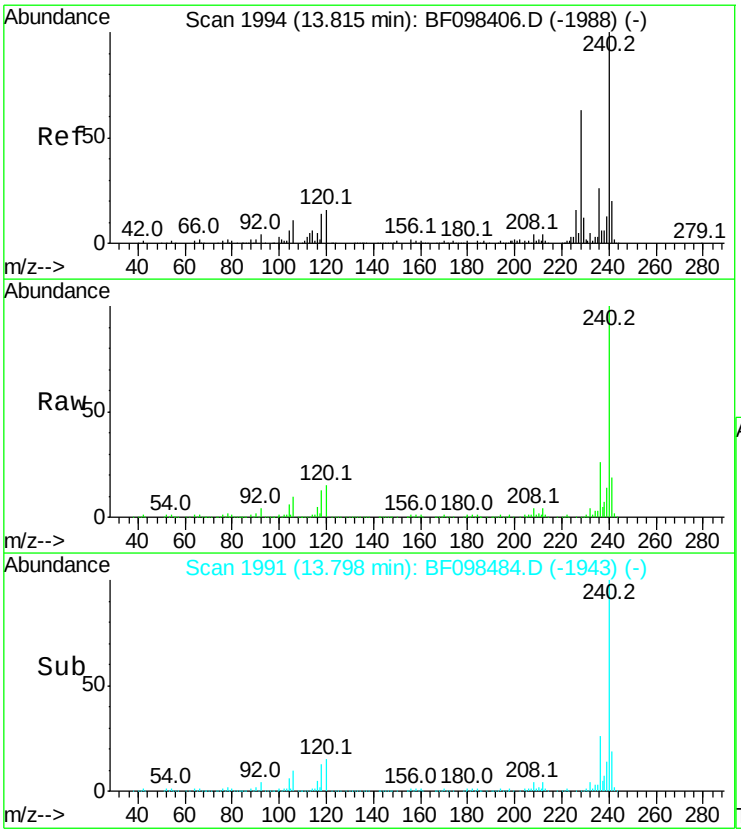
#66
4-Bromophenyl-phenylether
Concen: 4.091 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23291

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.8	115.2#
141	548.0	68.6	103.0#

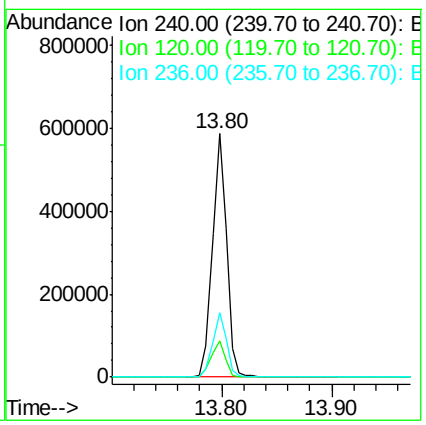


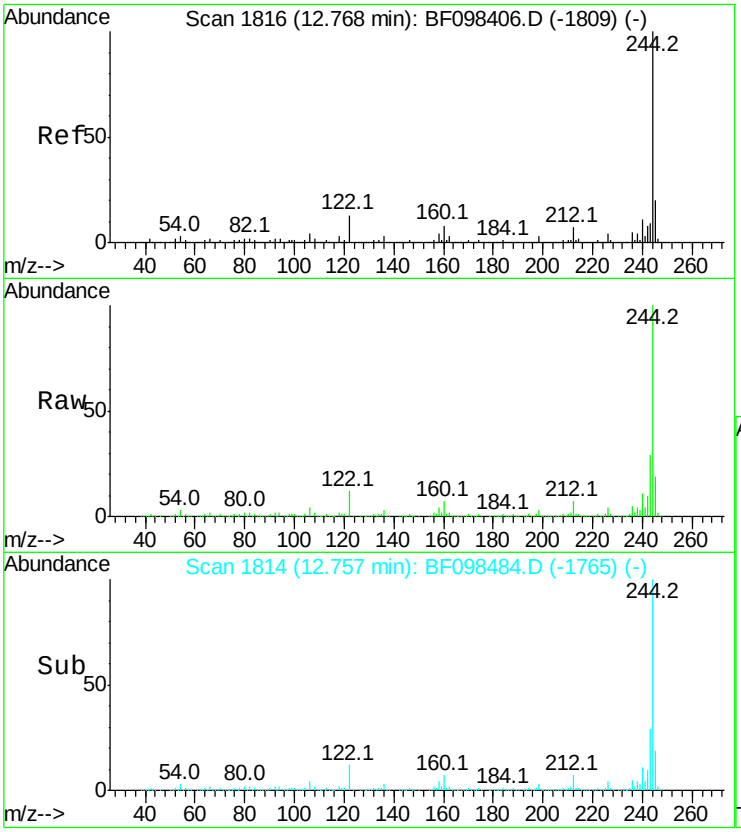


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:240 Resp: 518984

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.3	20.5	30.7



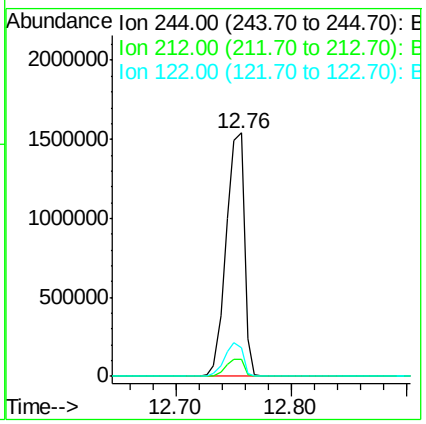


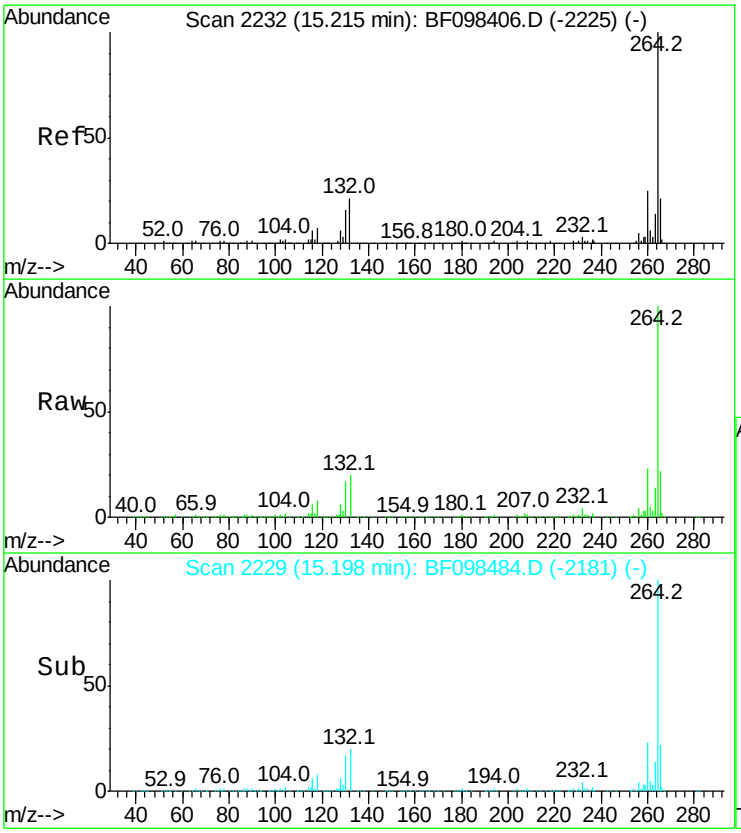
#78
Terphenyl-d14
Concen: 70.074 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1684873

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:264 Resp: 449656

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.7	17.2	25.8