Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098209.D
Acq On : 31 Aug 2017 22:03
Operator : SJ/JU
Sample : I4963-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 01:53:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125565	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	515959	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	239179	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	450738	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	288749	20.00	ng	-0.03
86) Perylene-d12	15.29	264	245235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	463882	56.19	ng	-0.02
7) Phenol-d6	6.36	99	389514	34.73	ng	-0.03
23) Nitrobenzene-d5	7.29	82	880252	92.68	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	277947	133.93	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1319669	81.06	ng	-0.03
78) Terphenyl-d14	12.83	244	1107704	80.00	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	20169	2.839	ng	# 69
19) n-Nitroso-di-n-propylamine	7.29	70	115634	15.060	ng	# 71
25) Isophorone	7.29	82	864991	43.799	ng	# 67
32) Benzoic acid	7.80	122	259	6.442	ng	# 25
50) 2,6-Dinitrotoluene	9.75	165	30320	8.688	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	30320	6.923	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.55	198	526	8.525	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	17817	3.807	ng	# 1

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

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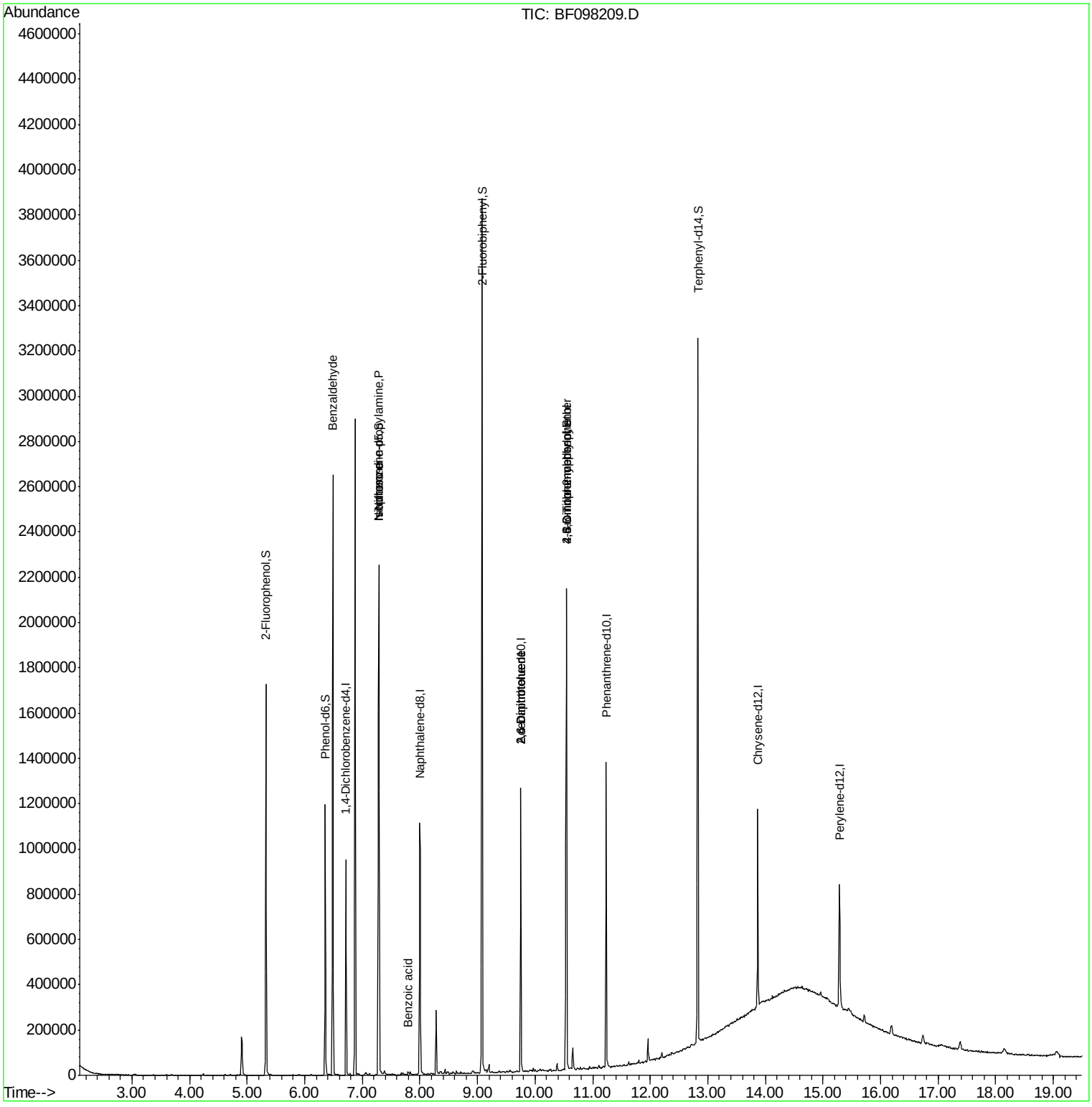
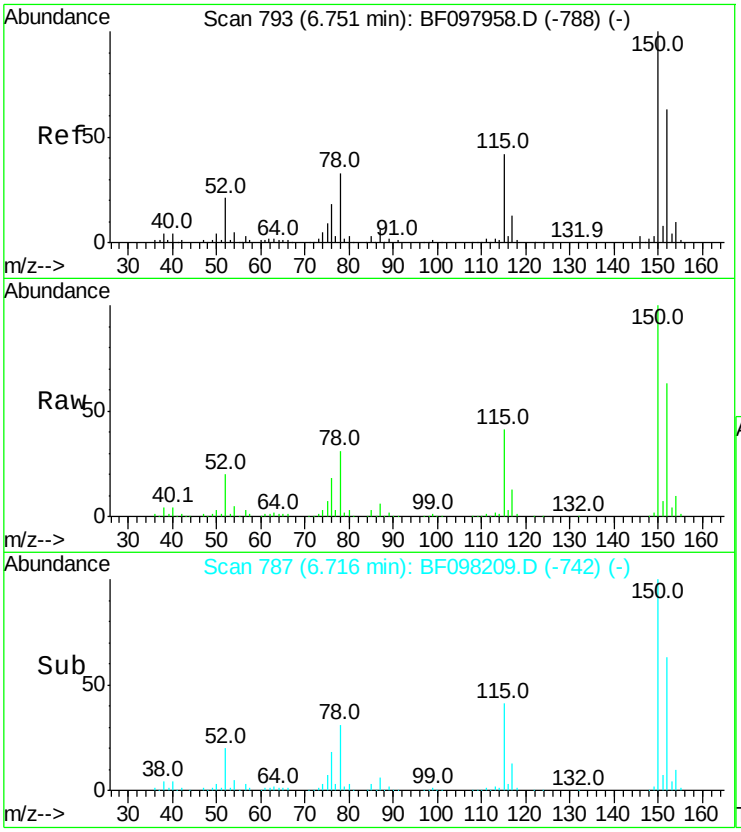


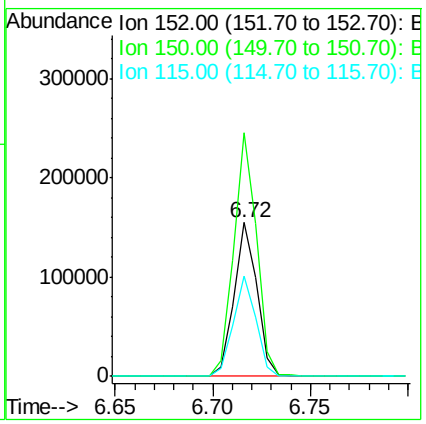


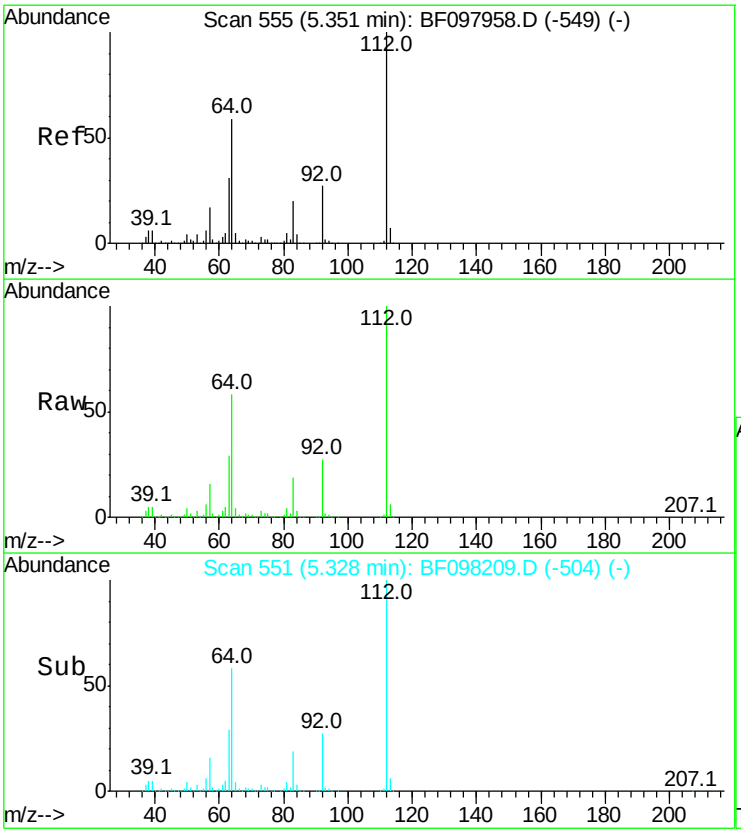
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125565

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	65.1	52.2	78.2

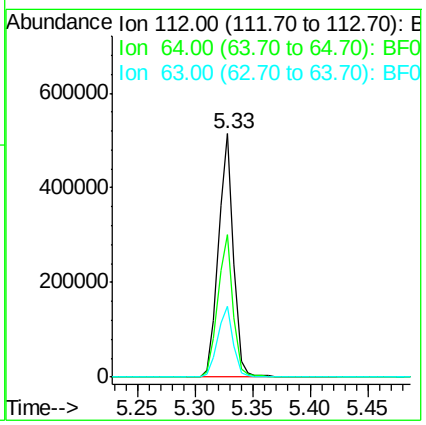


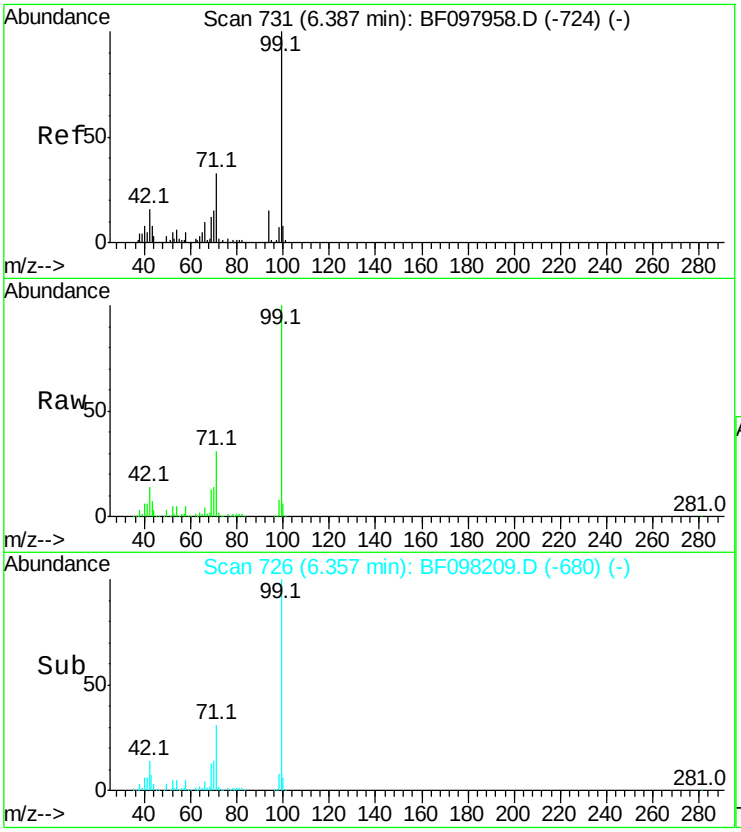


#5
2-Fluorophenol
Concen: 56.194 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:112 Resp: 463882

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.9	23.4	35.0



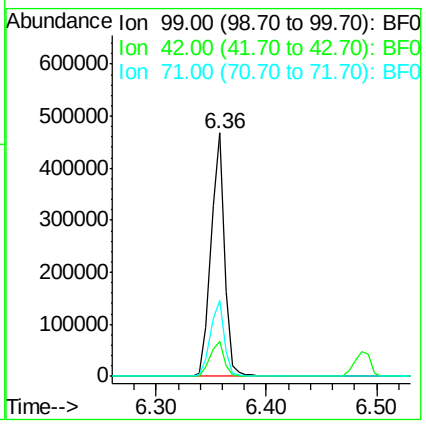


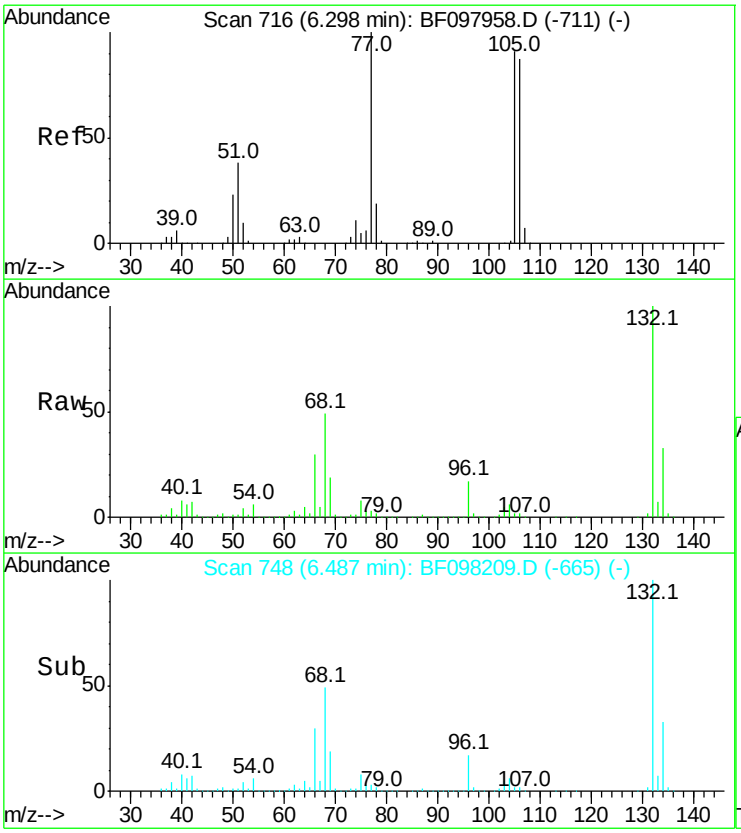
#7
Phenol-d6
Concen: 34.728 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 389514

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	31.1	24.5	36.7

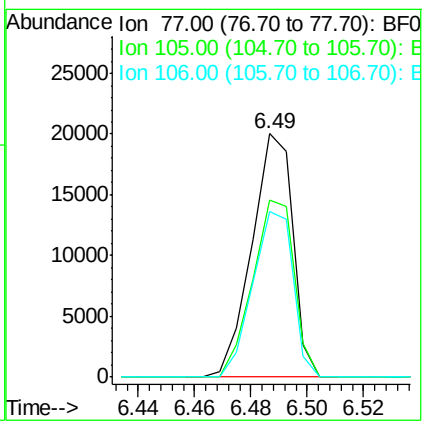


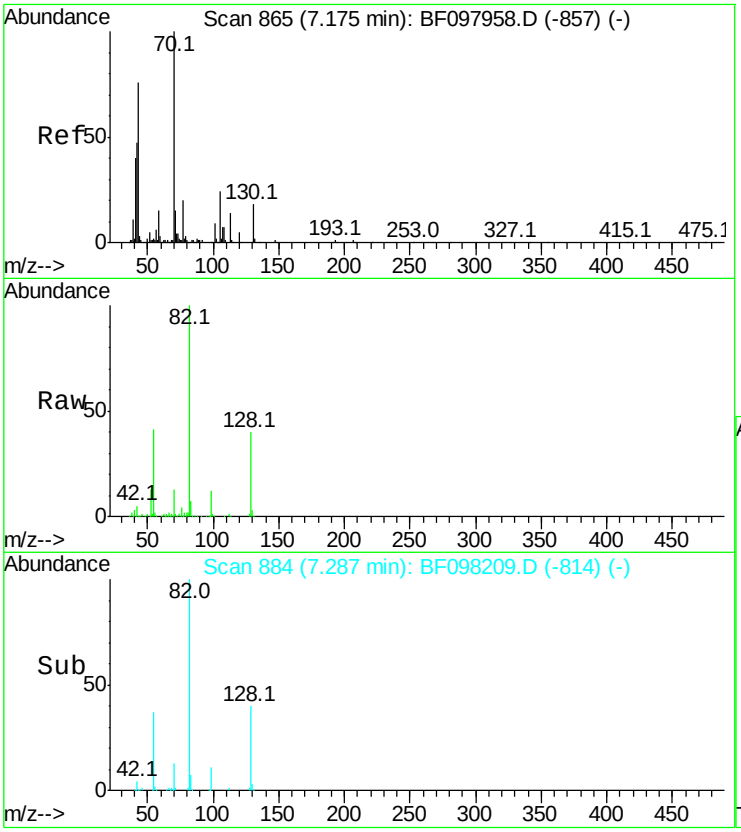


#9
Benzaldehyde
Concen: 2.839 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.19 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion: 77 Resp: 20169

Ion	Ratio	Lower	Upper
77	100		
105	72.8	83.8	123.8#
106	67.7	79.1	119.1#



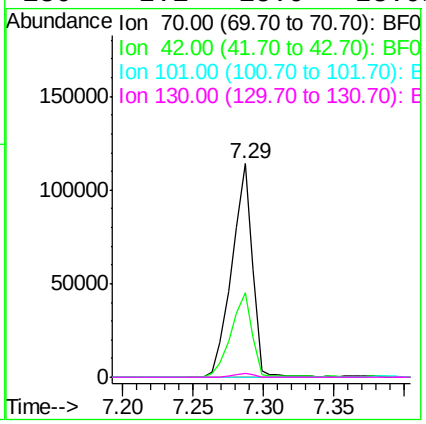


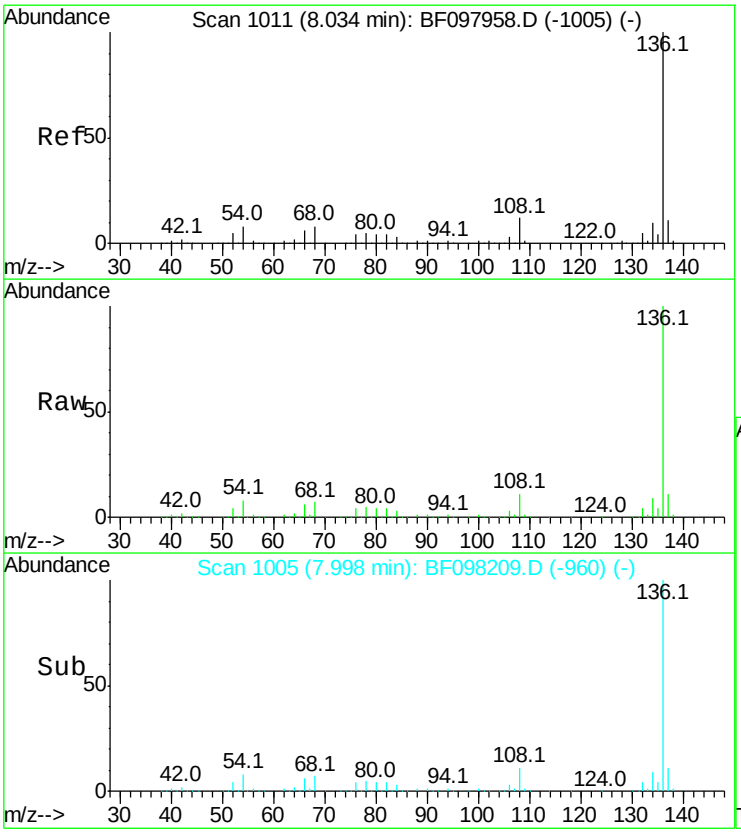
#19
n-Nitroso-di-n-propylamine
Concen: 15.060 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 115634

Ion	Ratio	Lower	Upper
70	100		
42	39.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

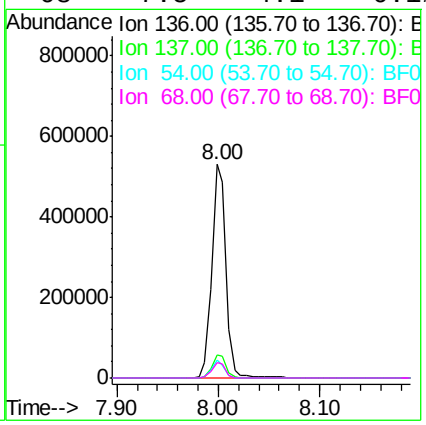


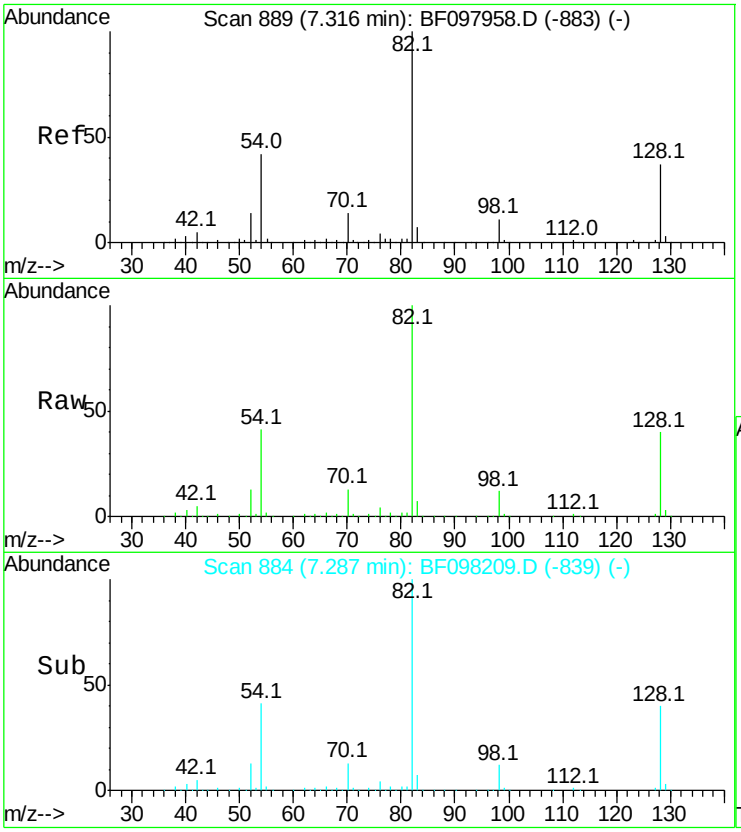


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:136 Resp: 515959

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.3	4.9	7.3#
68	7.5	4.1	6.1#



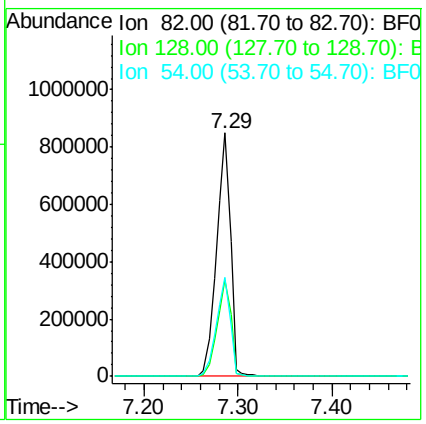


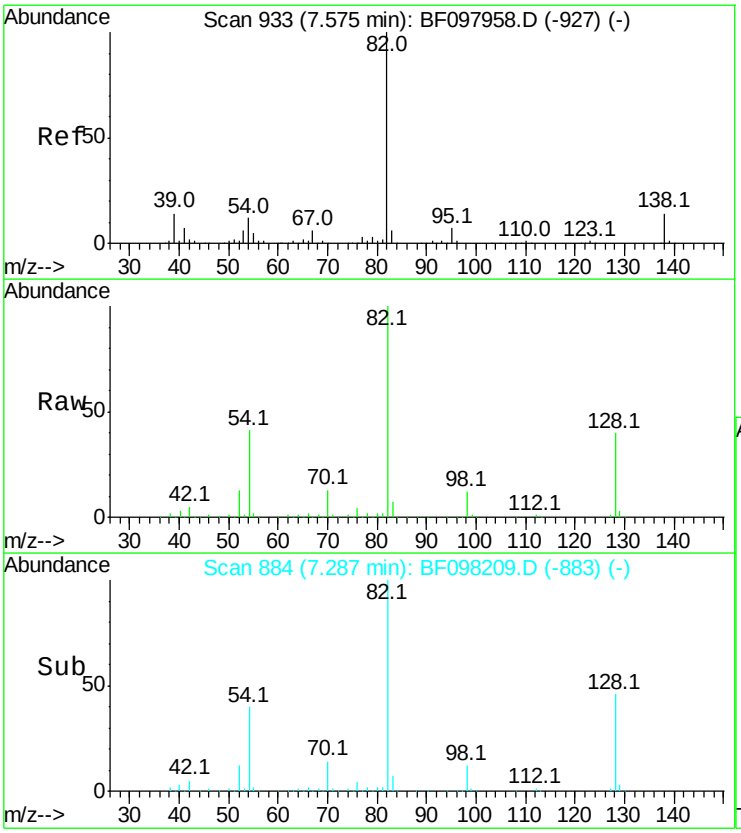
#23
Nitrobenzene-d5
Concen: 92.680 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 880252

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	40.7	42.2	63.2#

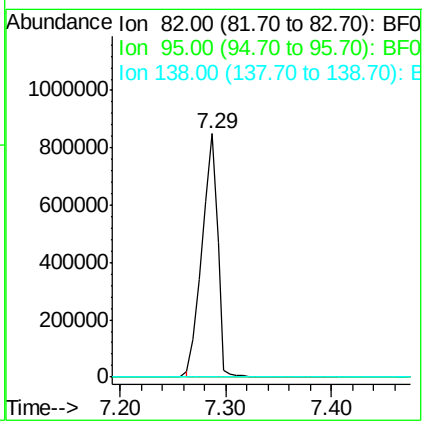


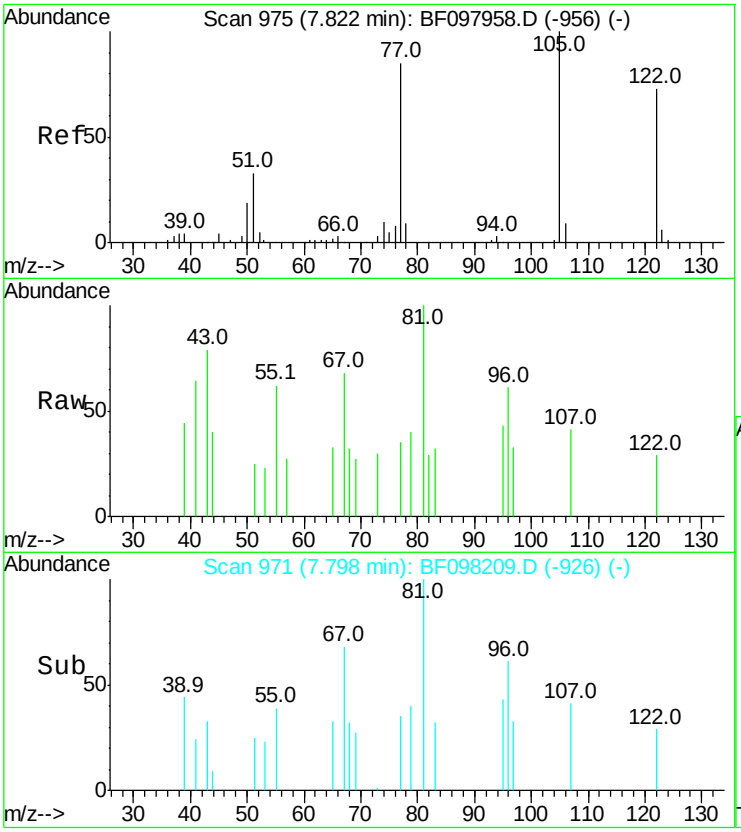


#25
Isophorone
Concen: 43.799 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion: 82 Resp: 864991

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

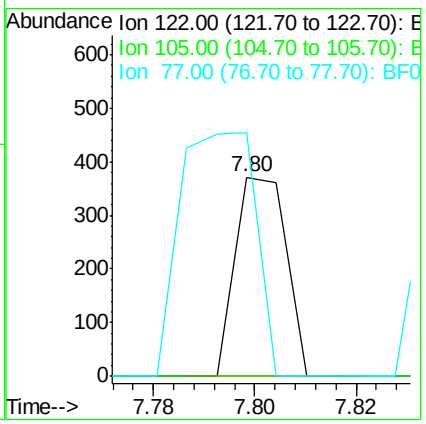




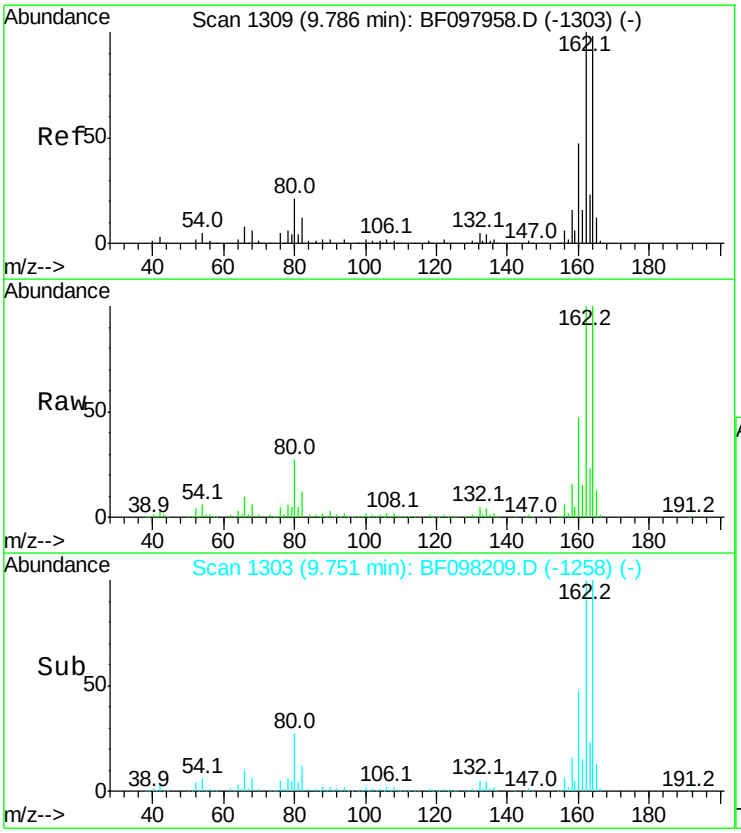
#32
Benzoic acid
Concen: 6.442 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:122 Resp: 259

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	122.0	73.7	113.7#



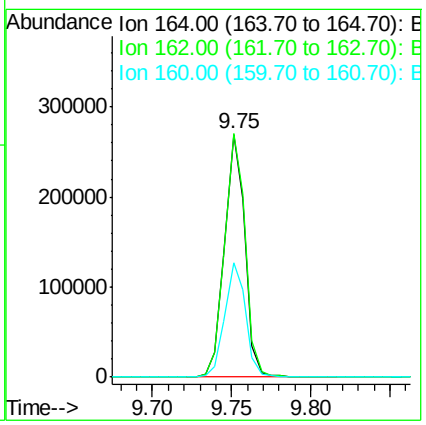
Instrument :
BNA_F
ClientSampleId :

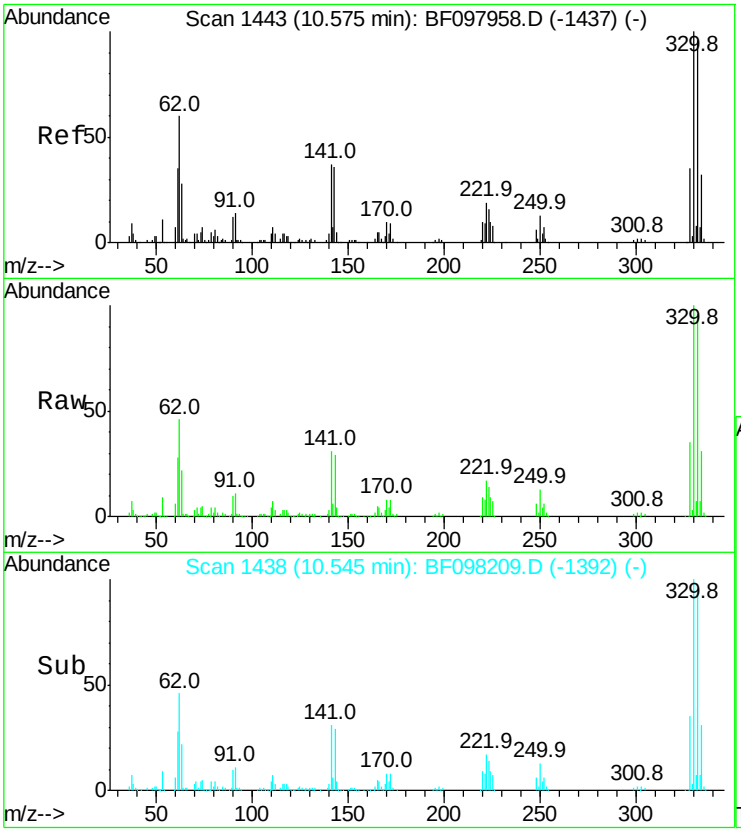


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:164 Resp: 239179

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	47.0	36.2	54.2



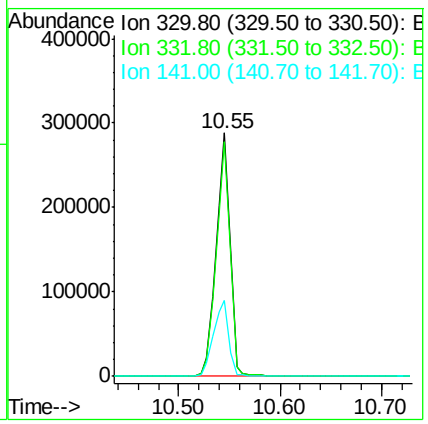


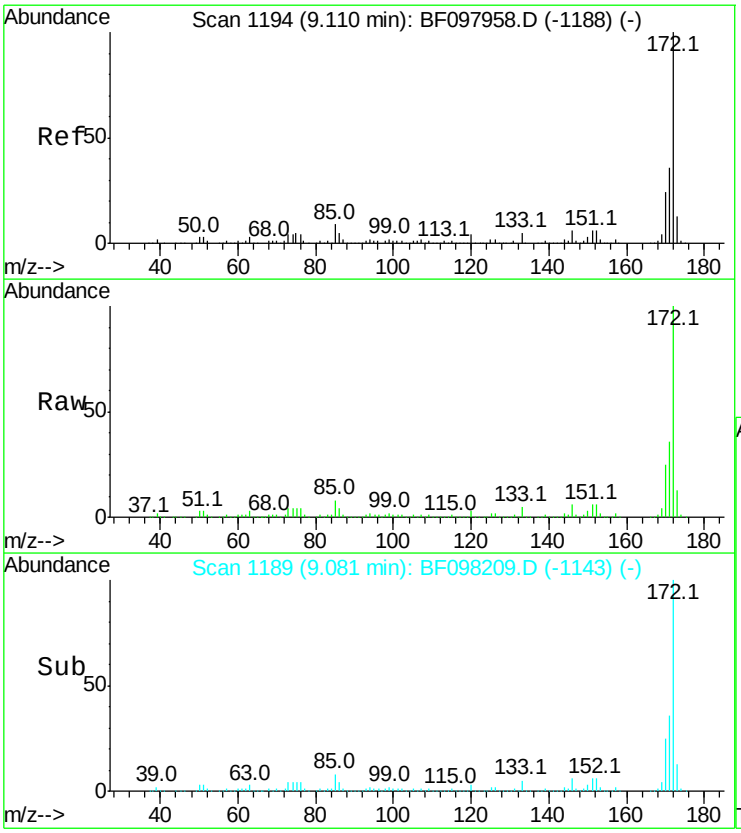
#41
2,4,6-Tribromophenol
Concen: 133.933 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 277947

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	34.4	31.4	47.2

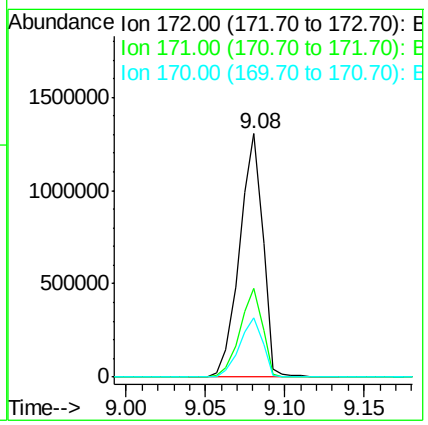


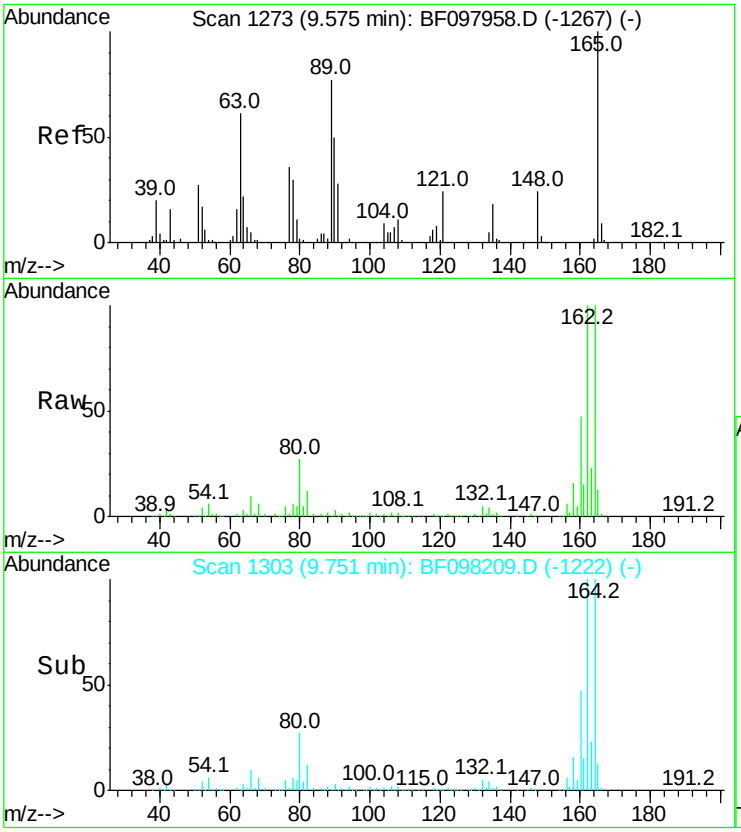


#44
2-Fluorobiphenyl
Concen: 81.063 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:172 Resp: 1319669

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



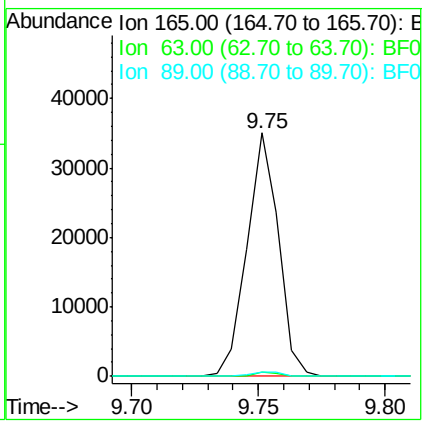


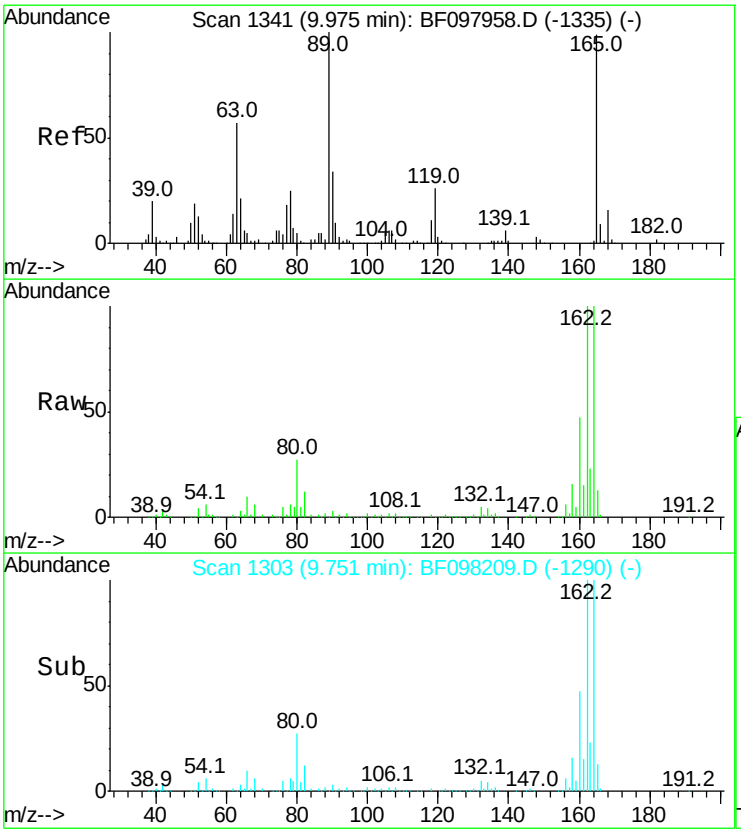
#50
2,6-Dinitrotoluene
Concen: 8.688 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.18 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30320

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.0	37.1	55.7#

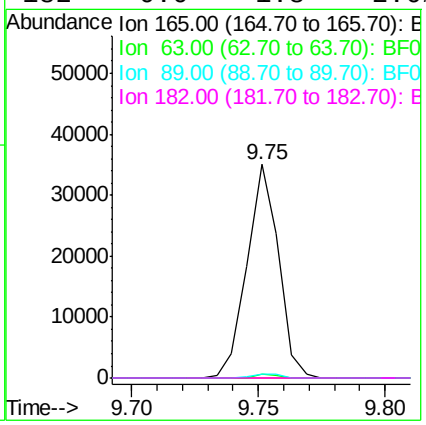


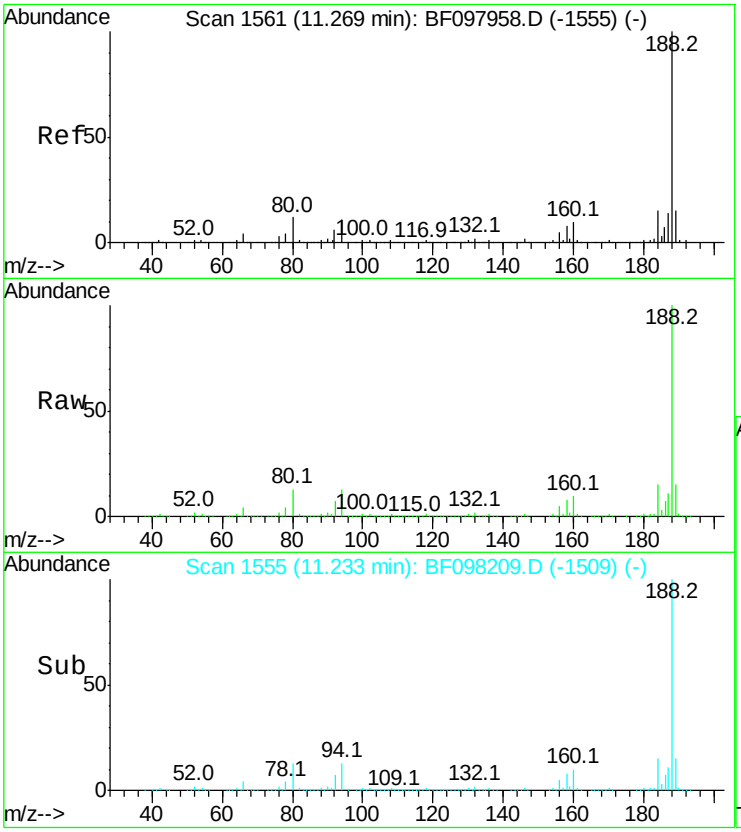


#56
2,4-Dinitrotoluene
Concen: 6.923 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:165 Resp: 30320

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



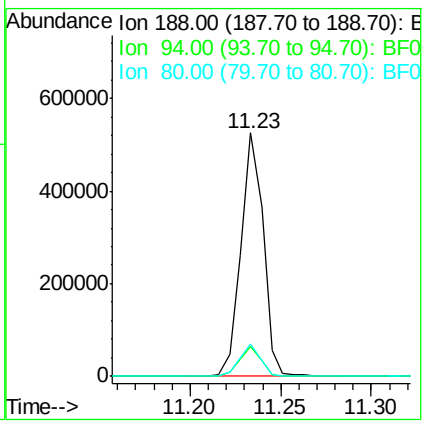


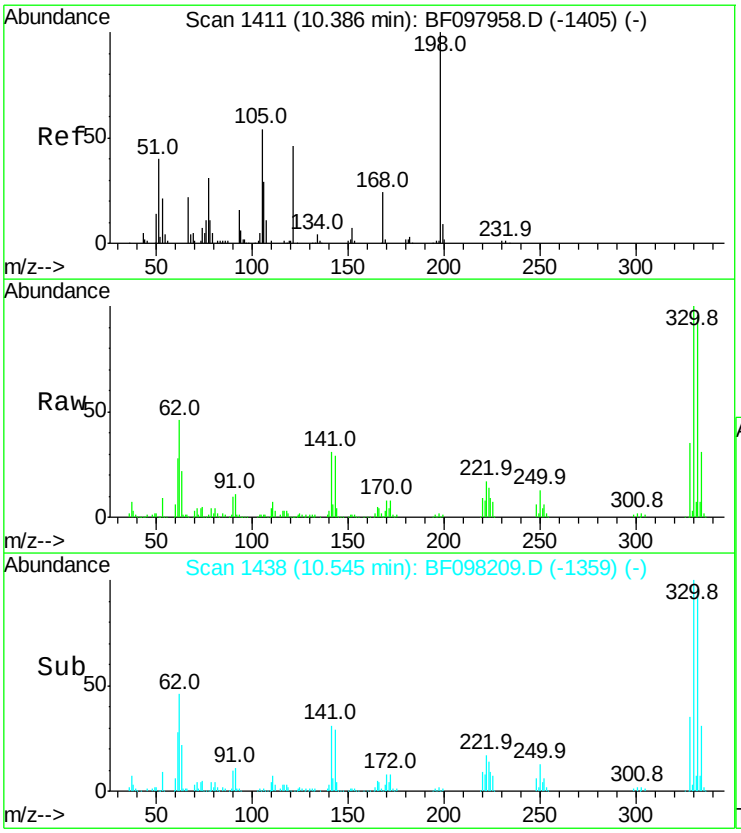
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 450738

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.4	10.2	15.2

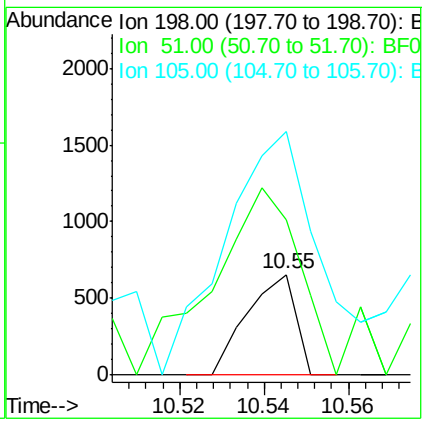


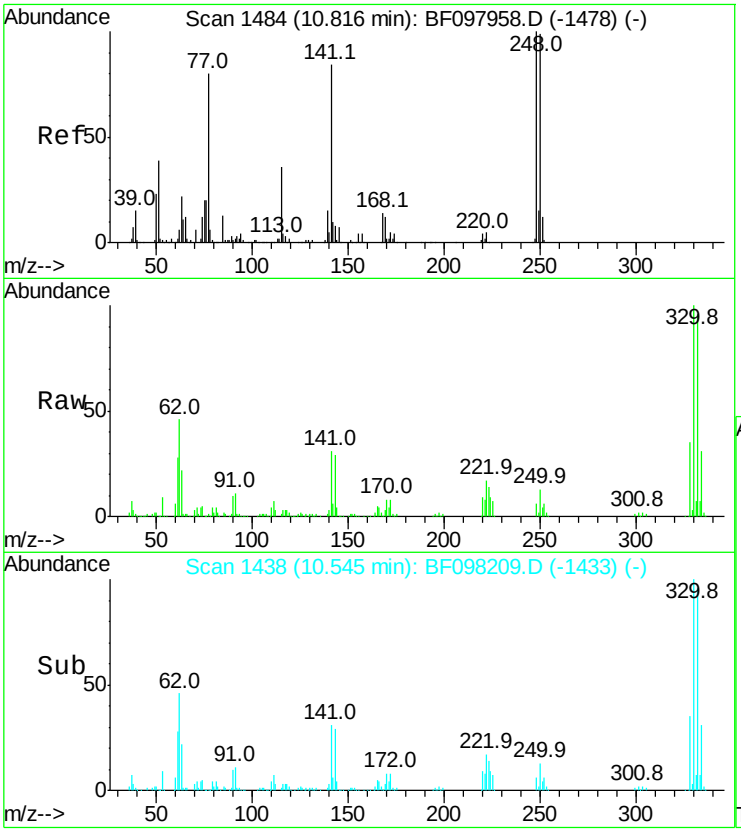


#64
4,6-Dinitro-2-methylphenol
Concen: 8.525 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.16 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:198 Resp: 526

Ion	Ratio	Lower	Upper
198	100		
51	154.1	53.2	93.2#
105	242.7	45.8	85.8#



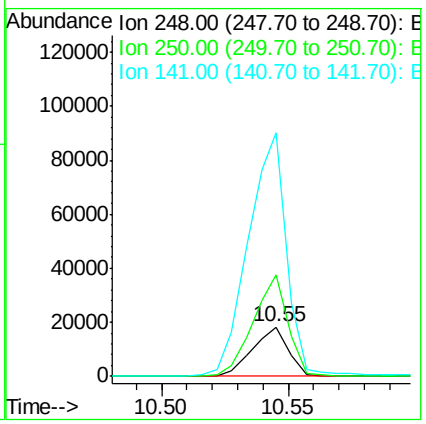


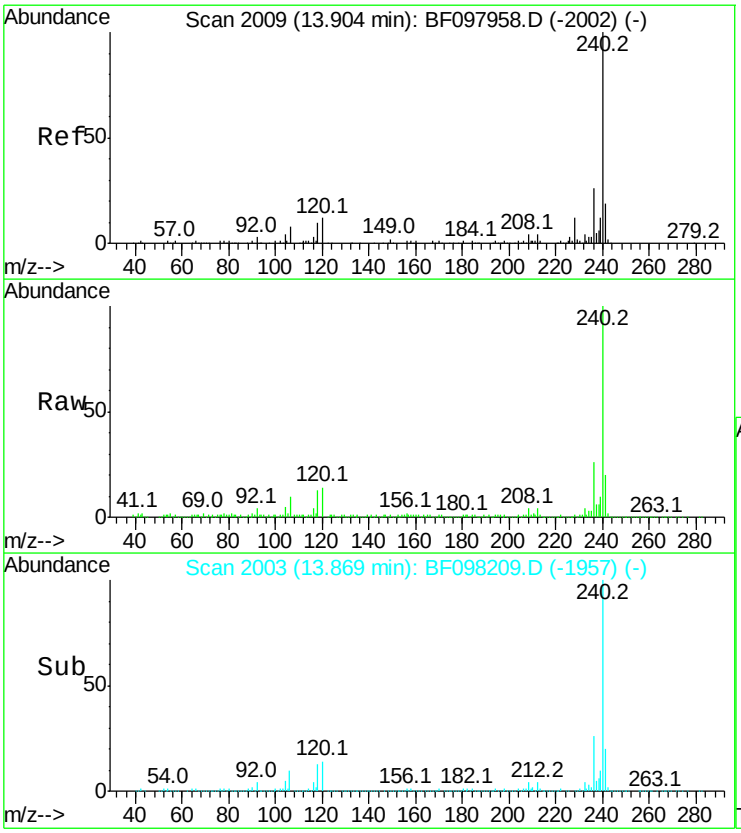
#66
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17817

Ion	Ratio	Lower	Upper
248	100		
250	205.8	76.8	115.2#
141	493.7	68.6	103.0#

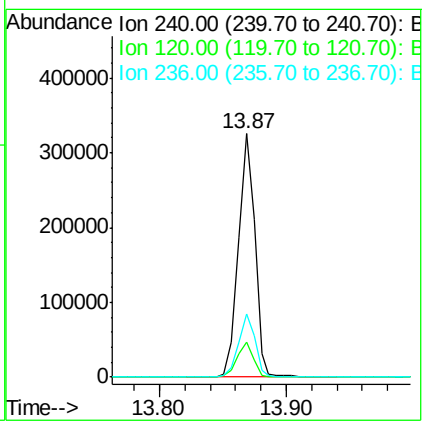


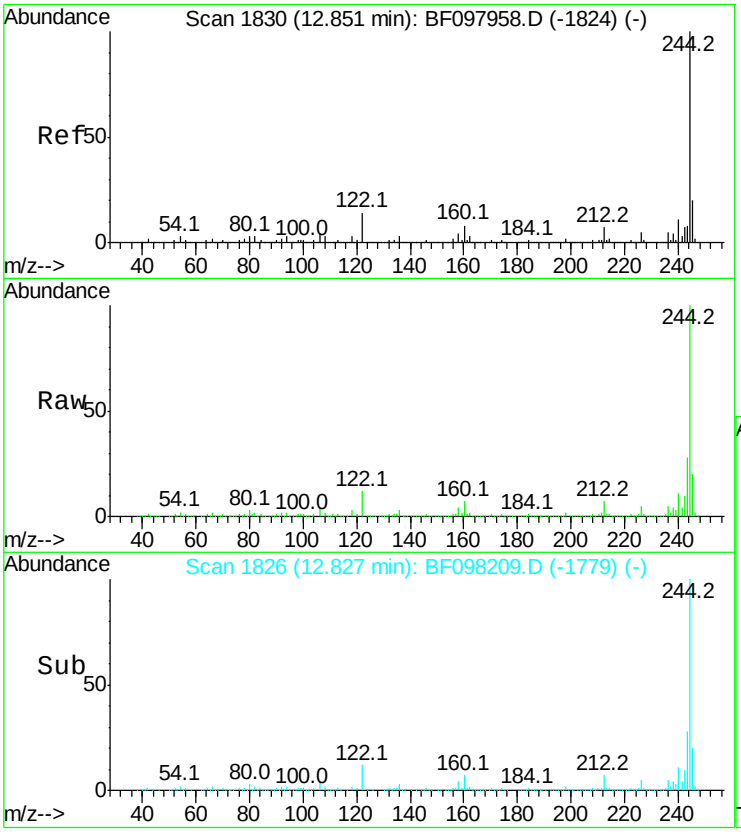


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:240 Resp: 288749

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	26.1	20.5	30.7



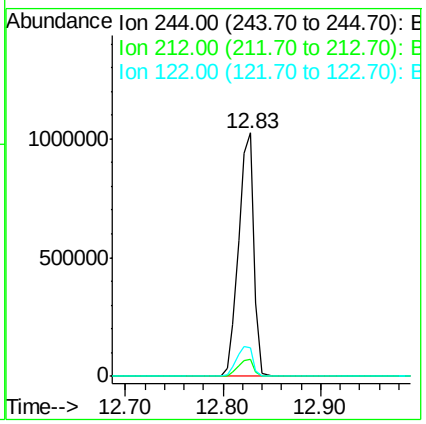


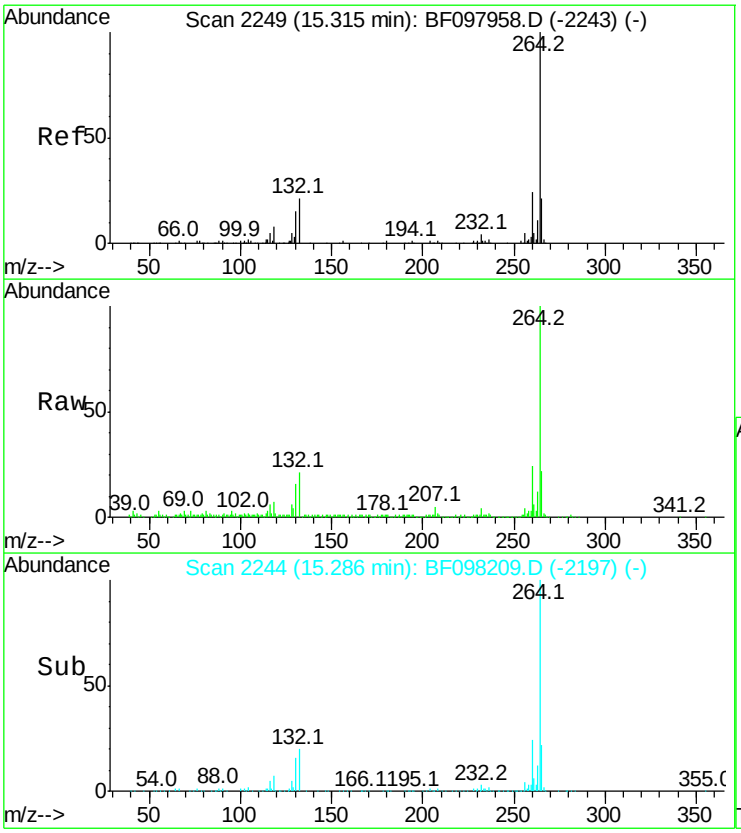
#78
Terphenyl-d14
Concen: 79.998 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1107704

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.0	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF098209.D
Acq: 31 Aug 2017 22:03

Tgt Ion:264 Resp: 245235

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8