Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098211.D
Acq On : 31 Aug 2017 22:59
Operator : SJ/JU
Sample : I4963-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 01:54:17 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	125827	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	522999	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	250158	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	487633	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	307338	20.00	ng	-0.03
86) Perylene-d12	15.29	264	233205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	464965	56.21	ng	-0.02
7) Phenol-d6	6.36	99	404545	35.99	ng	-0.02
23) Nitrobenzene-d5	7.29	82	838622	87.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	276319	127.30	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1303885	76.58	ng	-0.03
78) Terphenyl-d14	12.83	244	1183121	80.28	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	113263	14.721	ng	# 69
25) Isophorone	7.29	82	824307	41.177	ng	# 67
32) Benzoic acid	7.80	122	108	6.420	ng	# 33
50) 2,6-Dinitrotoluene	9.75	165	31974	8.760	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	31974	6.980	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.54	198	584	8.531	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	17675	3.490	ng	# 1

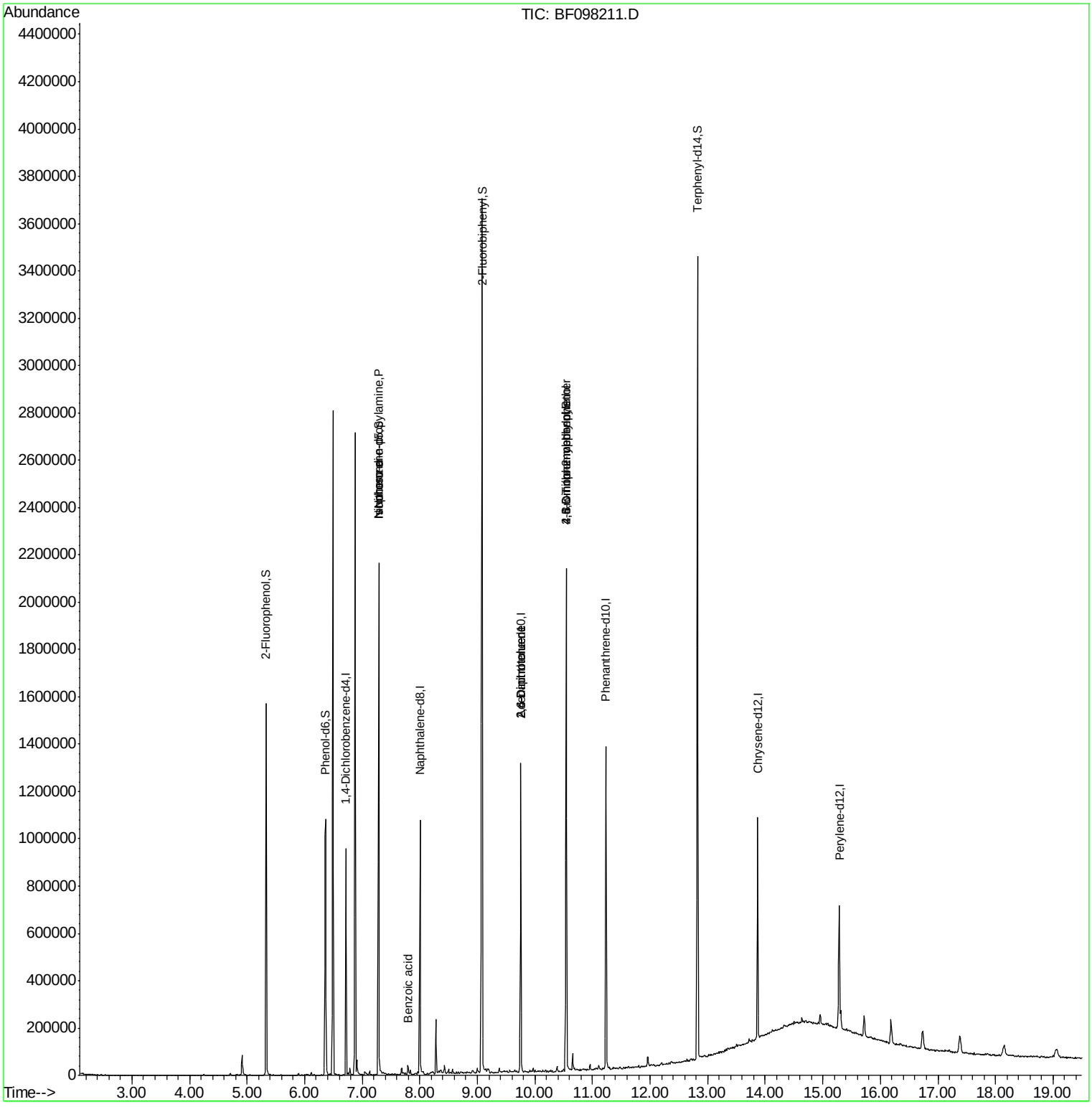
(#) = qualifier out of range (m) = manual integration (+) = signals summed

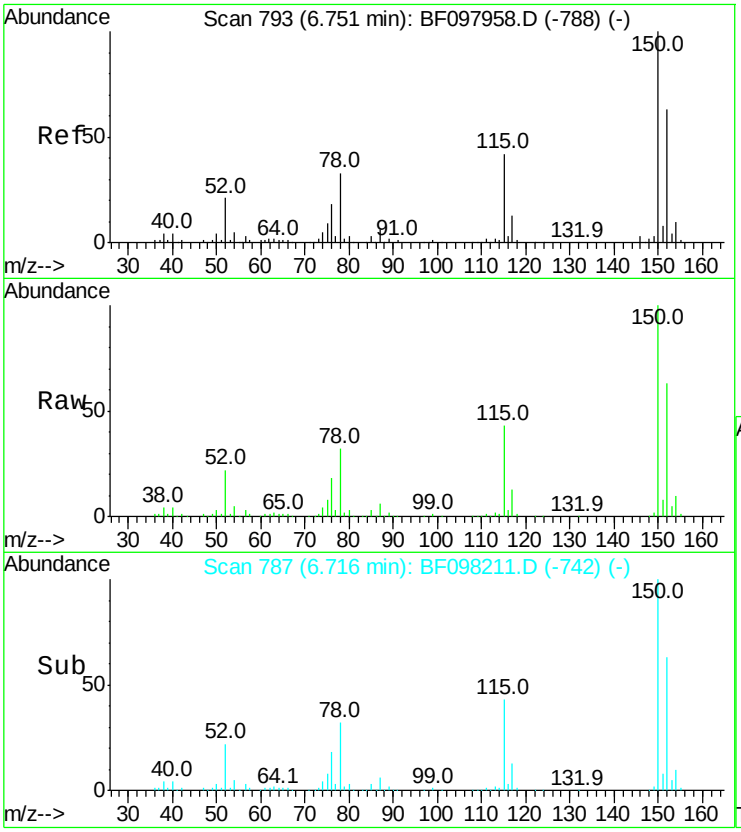
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098211.D
Acq On : 31 Aug 2017 22:59
Operator : SJ/JU
Sample : I4963-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 01:54:17 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



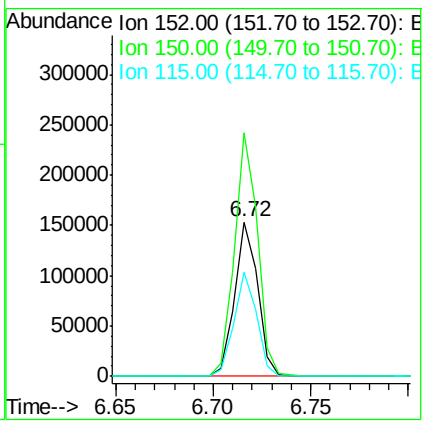


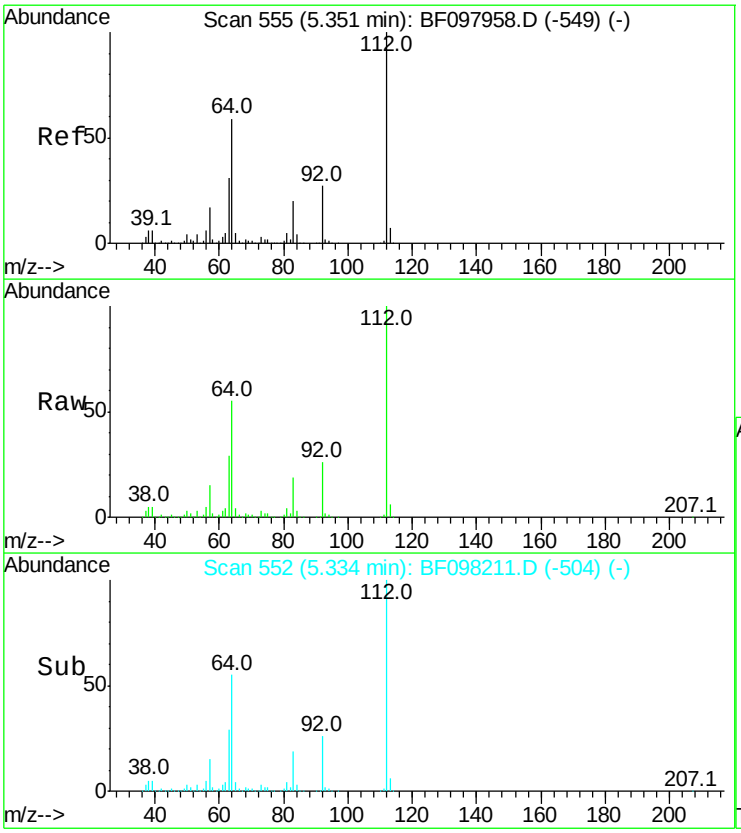
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125827

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	67.3	52.2	78.2

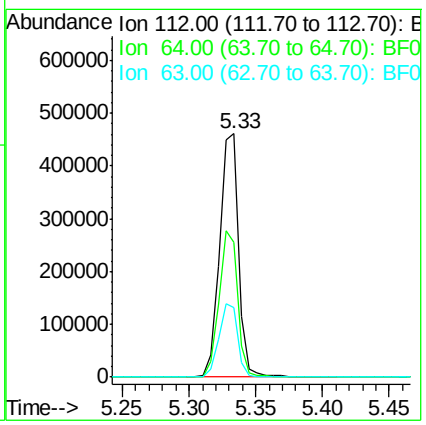


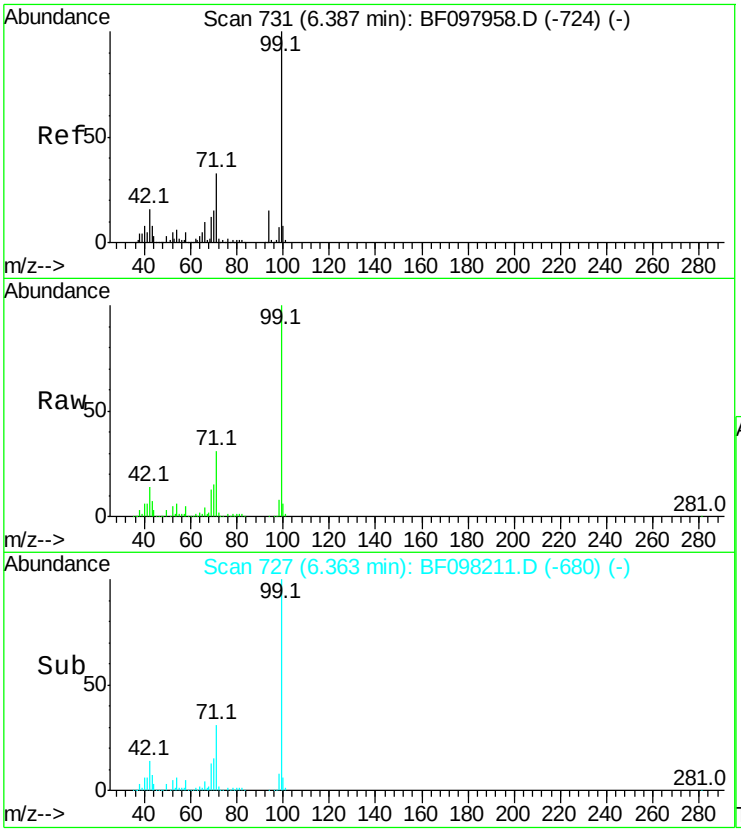


#5
2-Fluorophenol
Concen: 56.208 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:112 Resp: 464965

Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	28.6	23.4	35.0



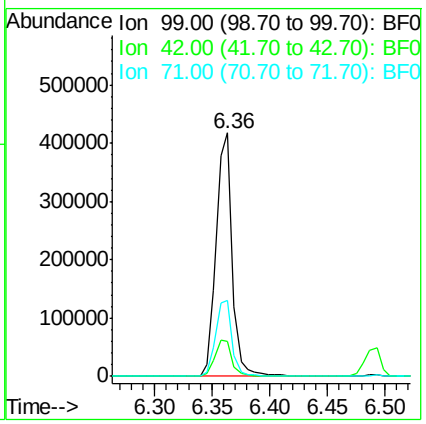


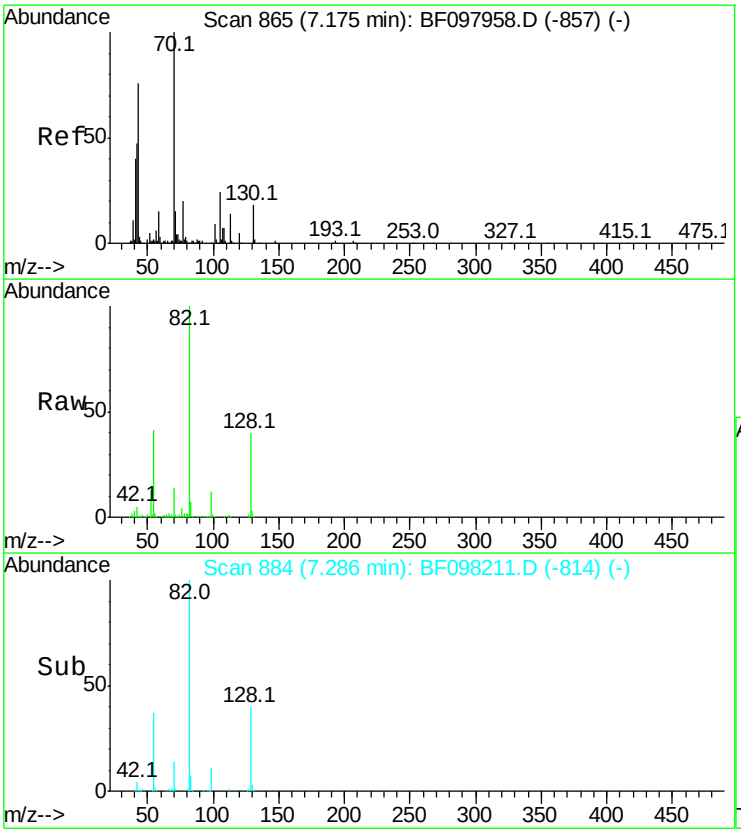
#7
Phenol-d6
Concen: 35.993 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 404545

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.5	20.3
71	31.3	24.5	36.7

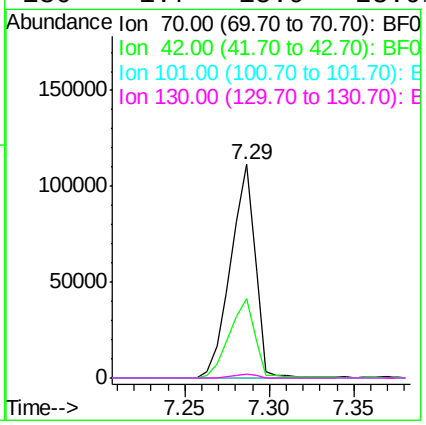


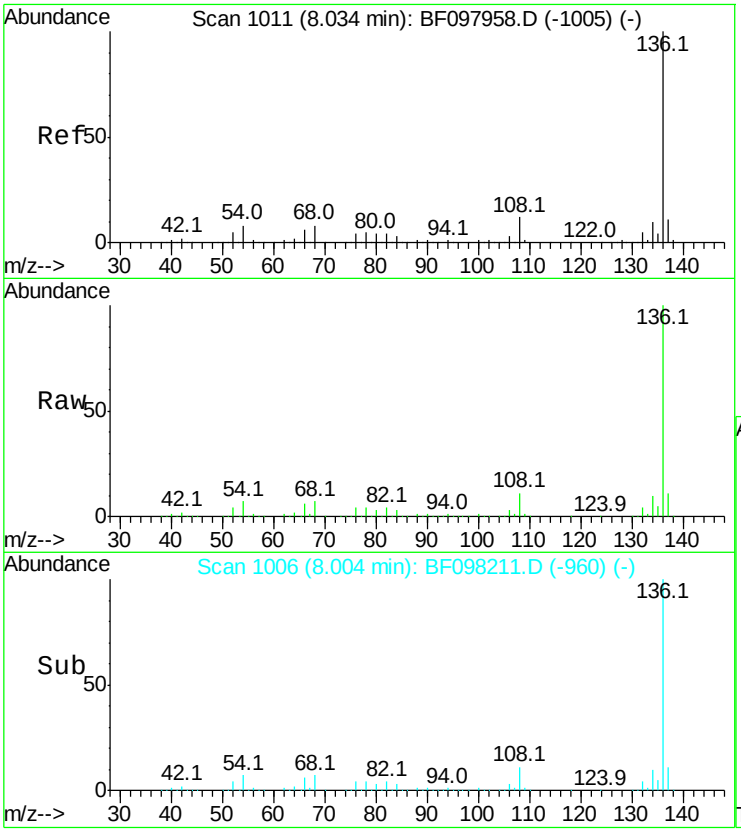


#19
n-Nitroso-di-n-propylamine
Concen: 14.721 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion: 70 Resp: 113263

Ion	Ratio	Lower	Upper
70	100		
42	37.3	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



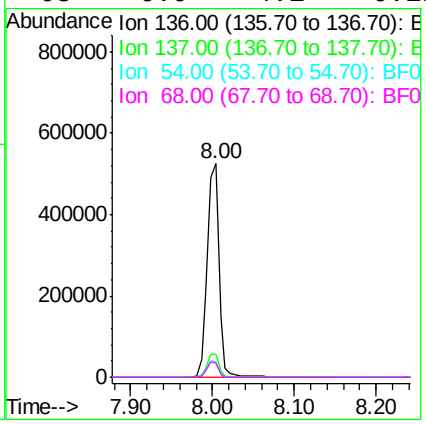


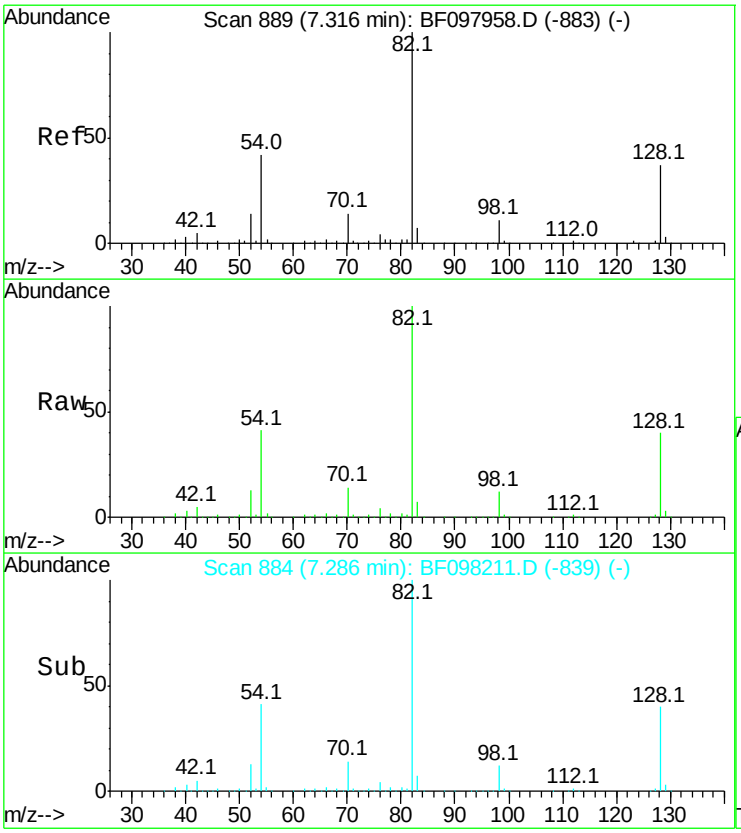
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 522999

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	6.9	4.1	6.1#

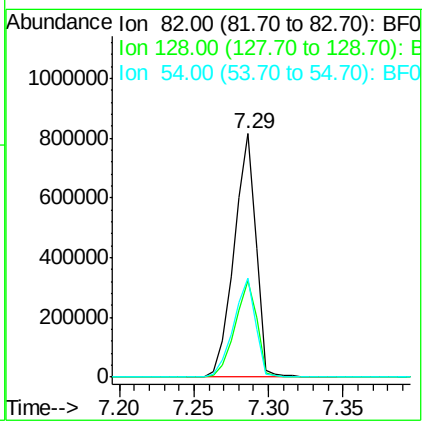


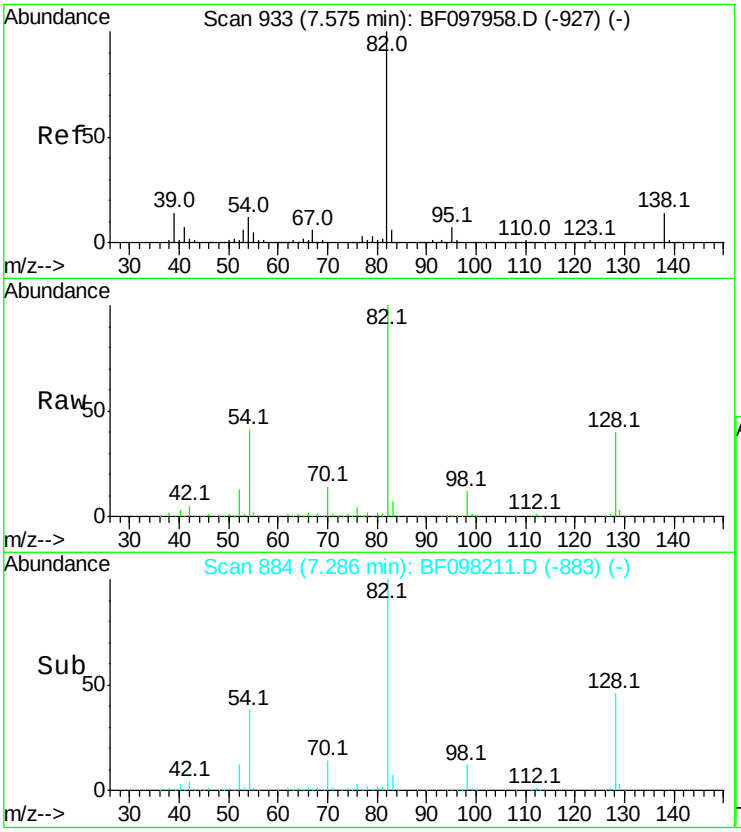


#23
Nitrobenzene-d5
Concen: 87.109 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion: 82 Resp: 838622

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	40.5	42.2	63.2#



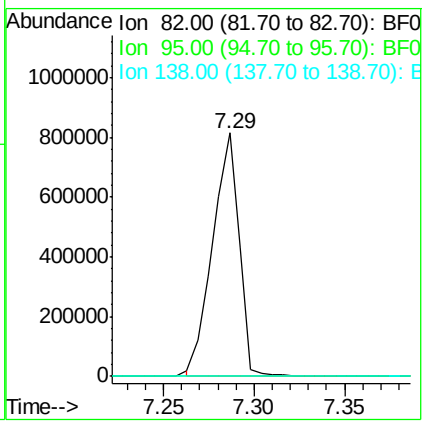


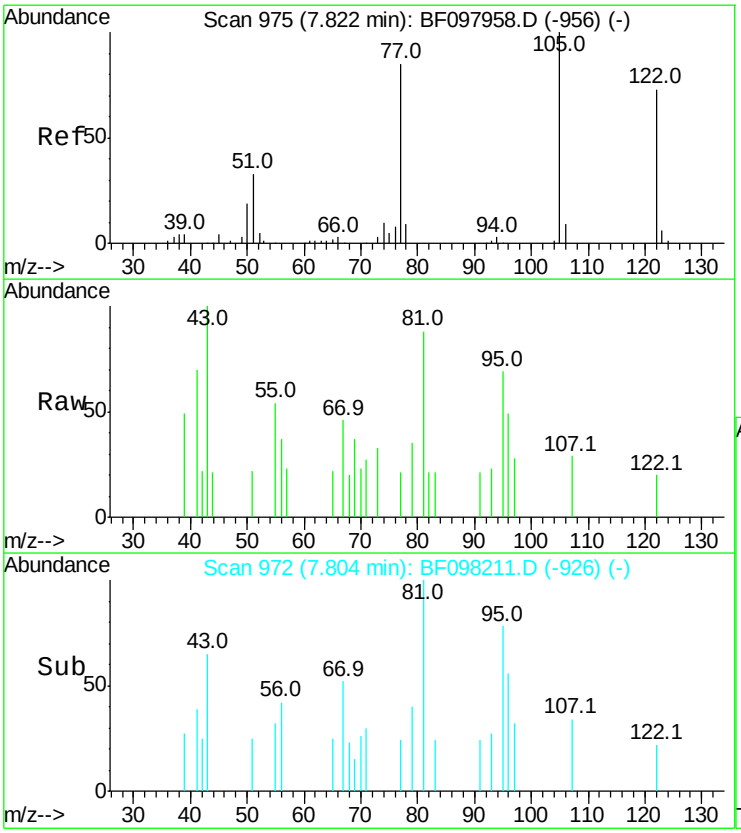
#25
Isophorone
Concen: 41.177 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 824307

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

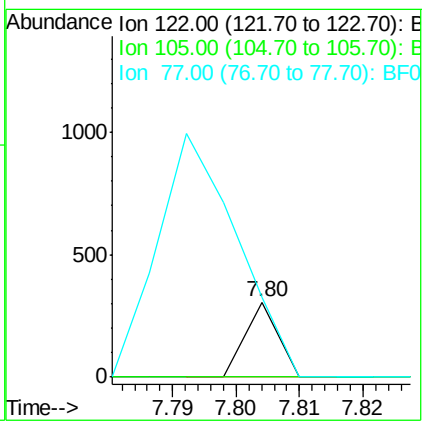


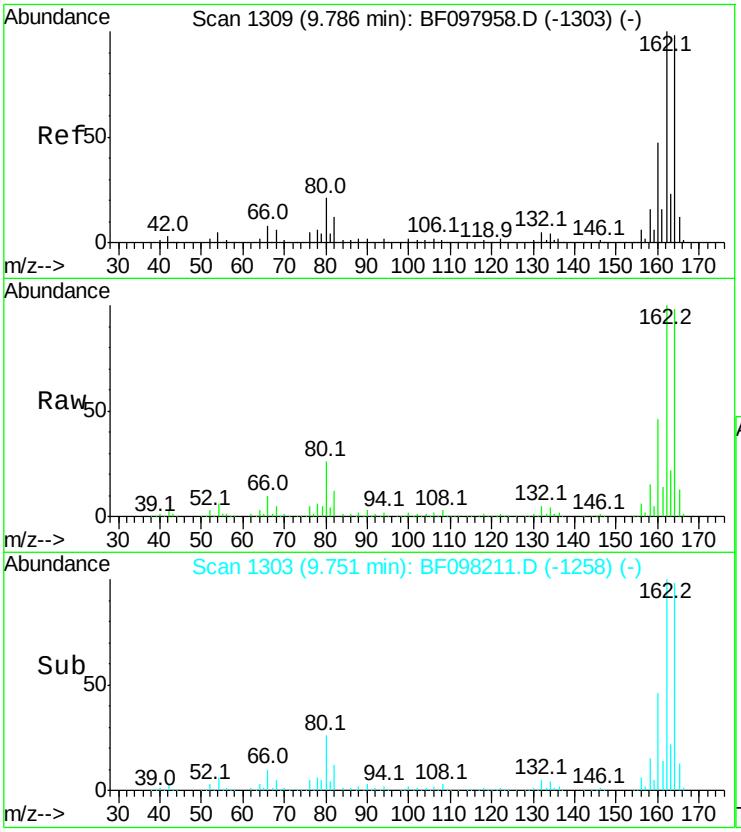


#32
Benzoic acid
Concen: 6.420 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	105.5	73.7	113.7



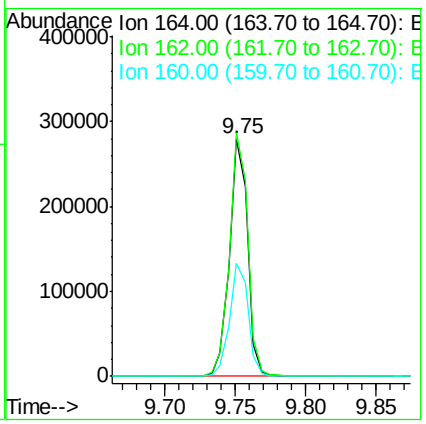


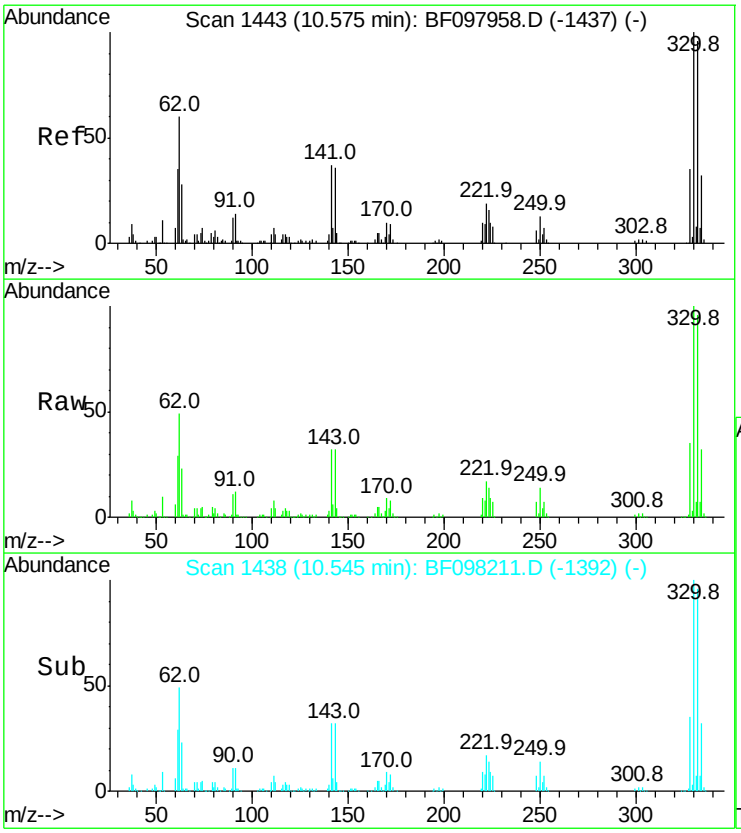
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 250158

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	47.5	36.2	54.2

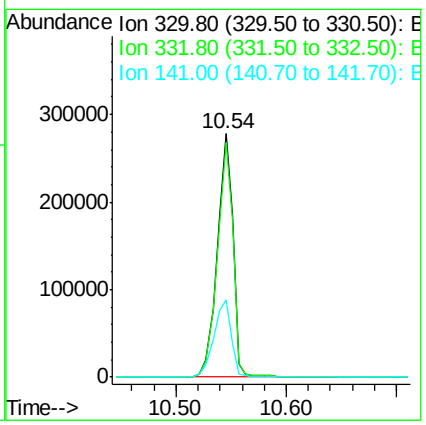


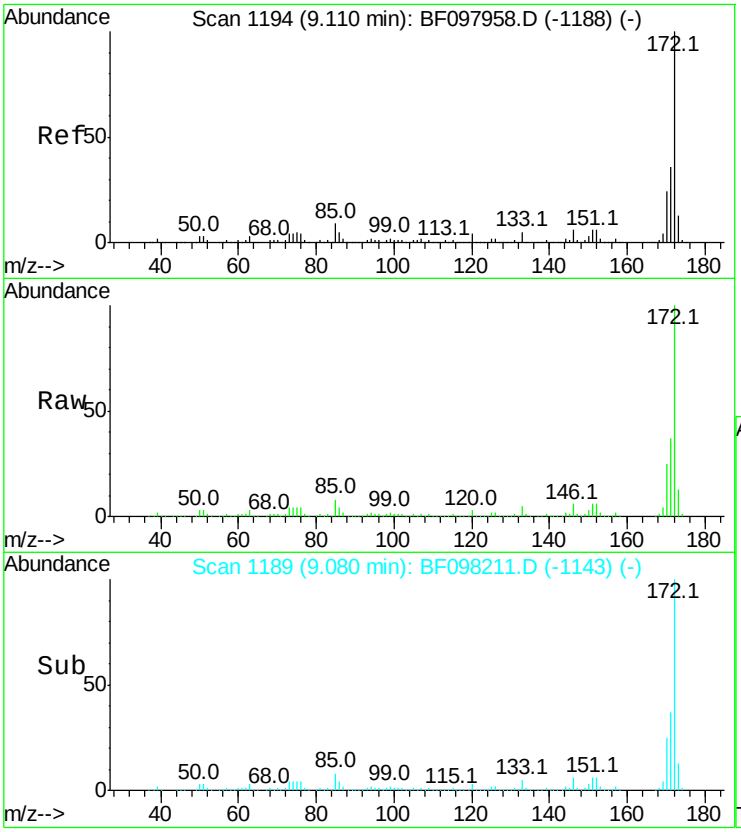


#41
2,4,6-Tribromophenol
Concen: 127.305 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:330 Resp: 276319

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	34.9	31.4	47.2



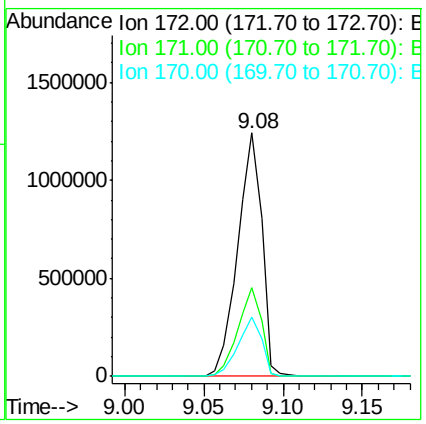


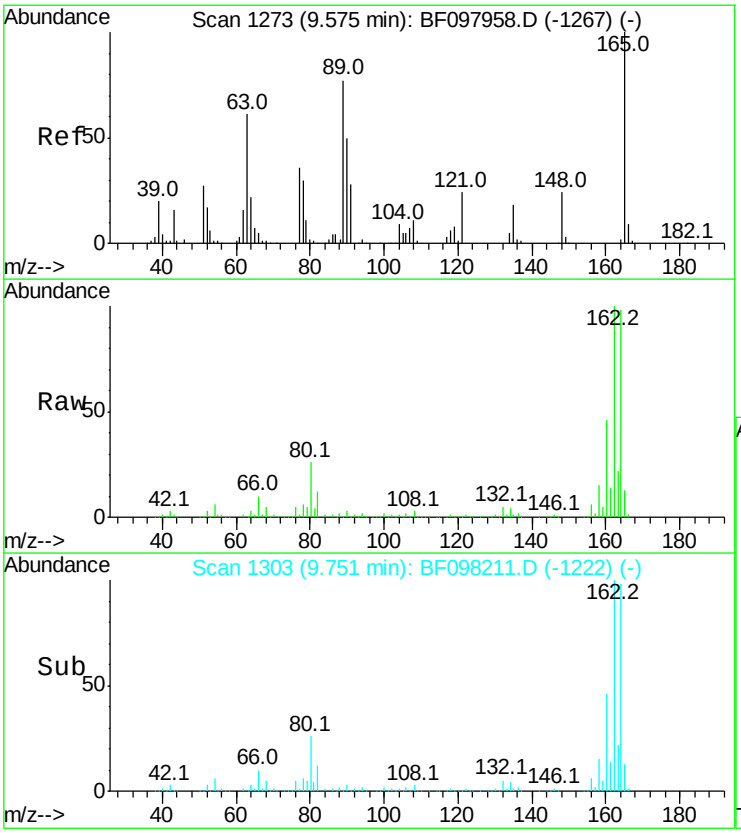
#44
2-Fluorobiphenyl
Concen: 76.579 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1303885

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	19.8	29.8

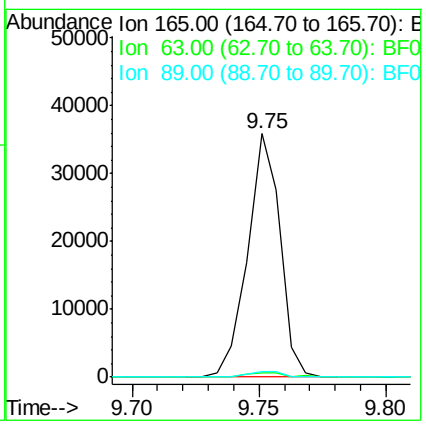


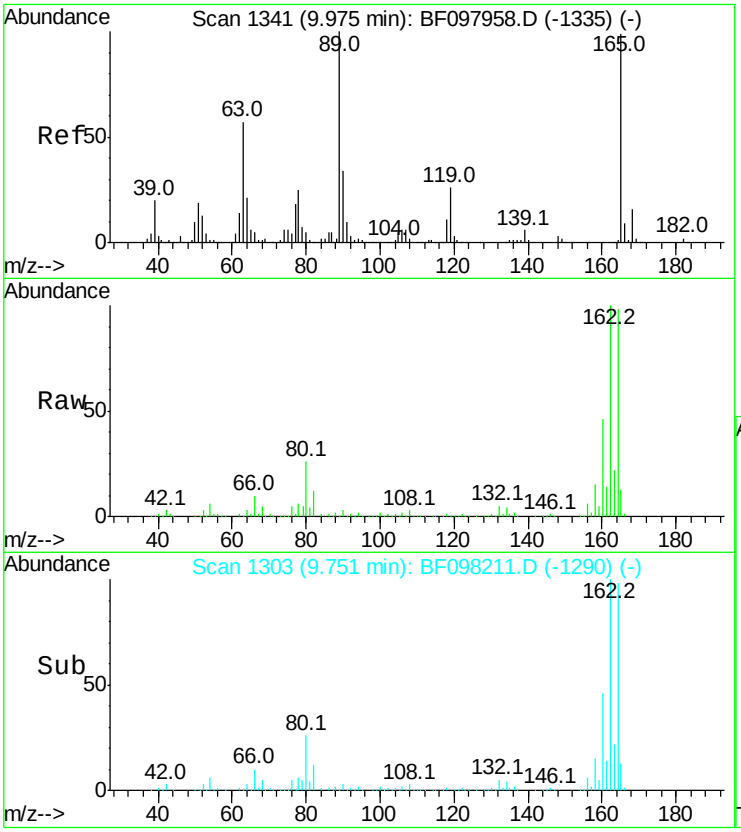


#50
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.18 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:165 Resp: 31974

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	2.1	37.1	55.7#



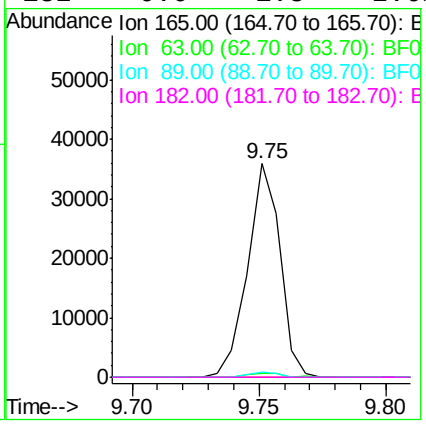


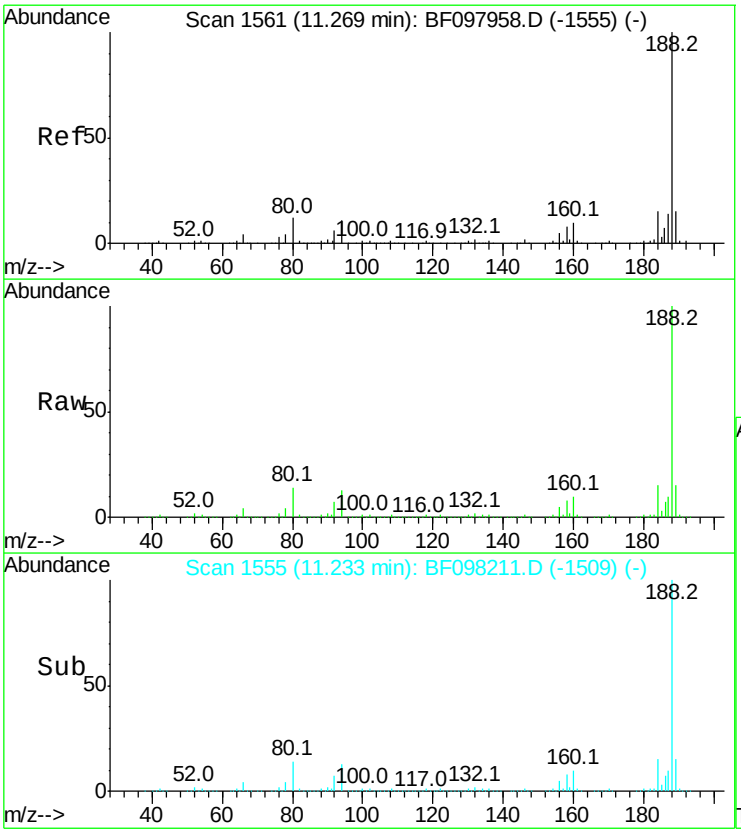
#56
2,4-Dinitrotoluene
Concen: 6.980 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31974

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

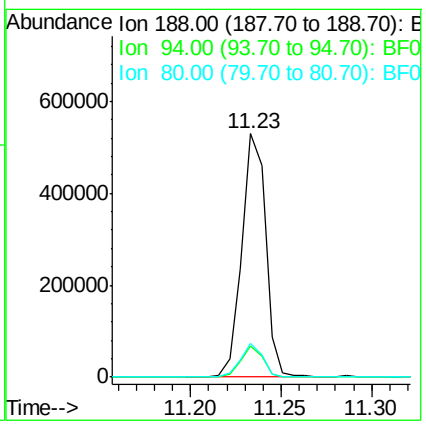


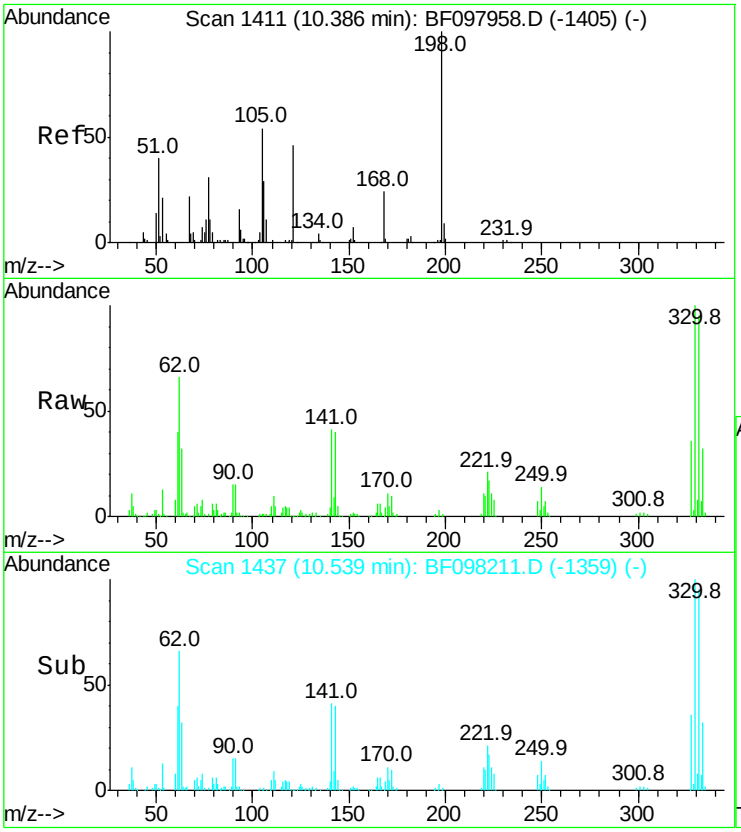


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:188 Resp: 487633

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.7	10.2	15.2



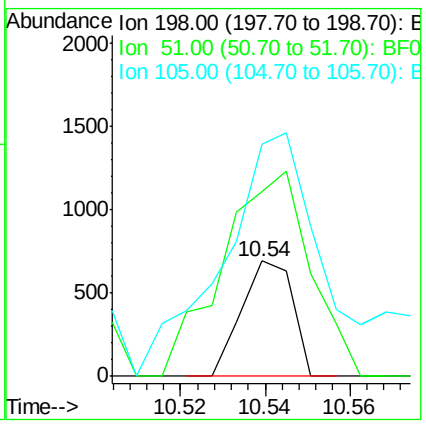


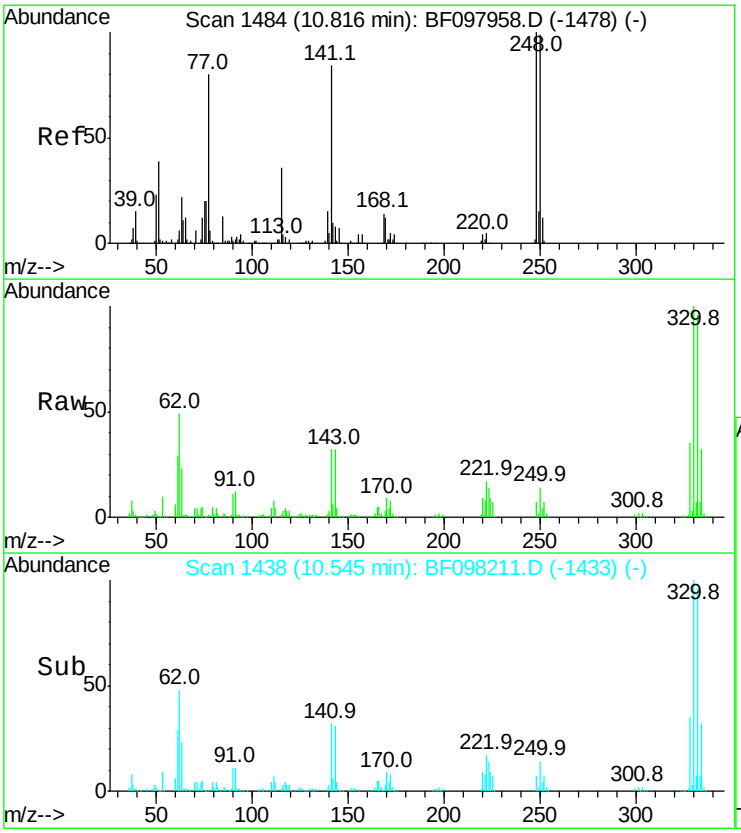
#64
4,6-Dinitro-2-methylphenol
Concen: 8.531 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.16 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 584

Ion	Ratio	Lower	Upper
198	100		
51	160.4	53.2	93.2#
105	201.9	45.8	85.8#

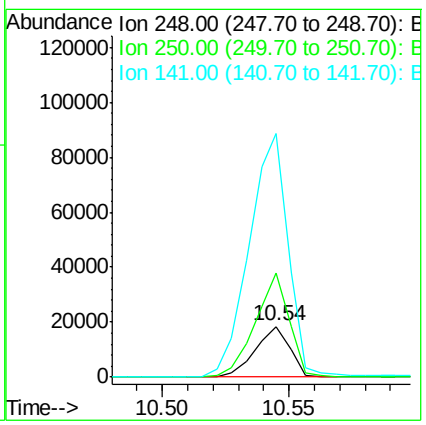


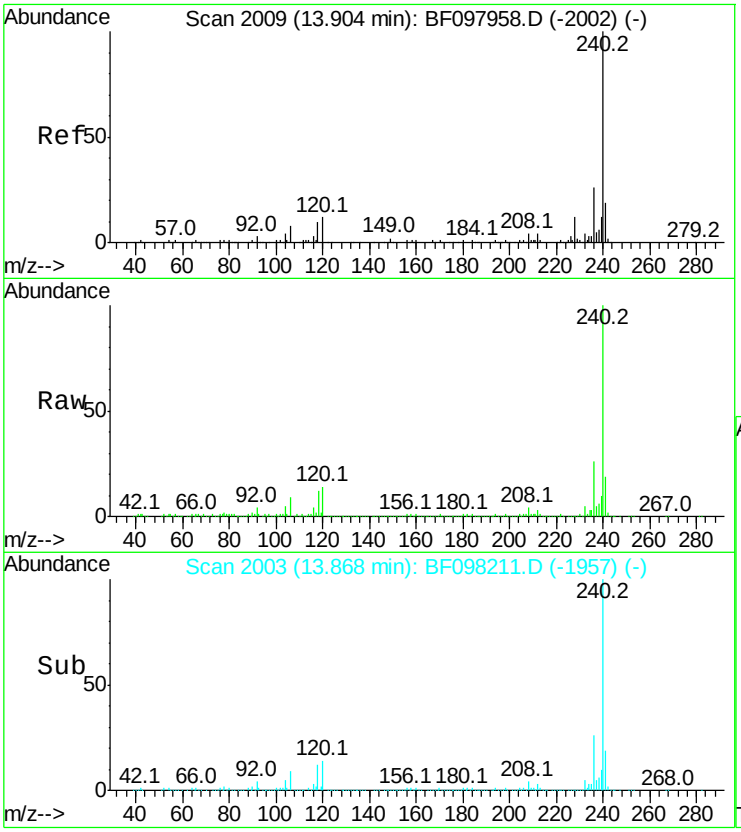


#66
4-Bromophenyl-phenylether
Concen: 3.490 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.27 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:248 Resp: 17675

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.8	115.2#
141	477.7	68.6	103.0#



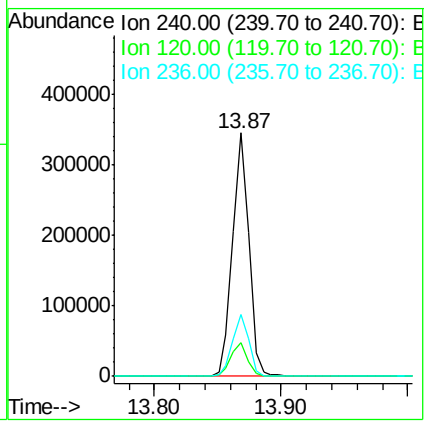


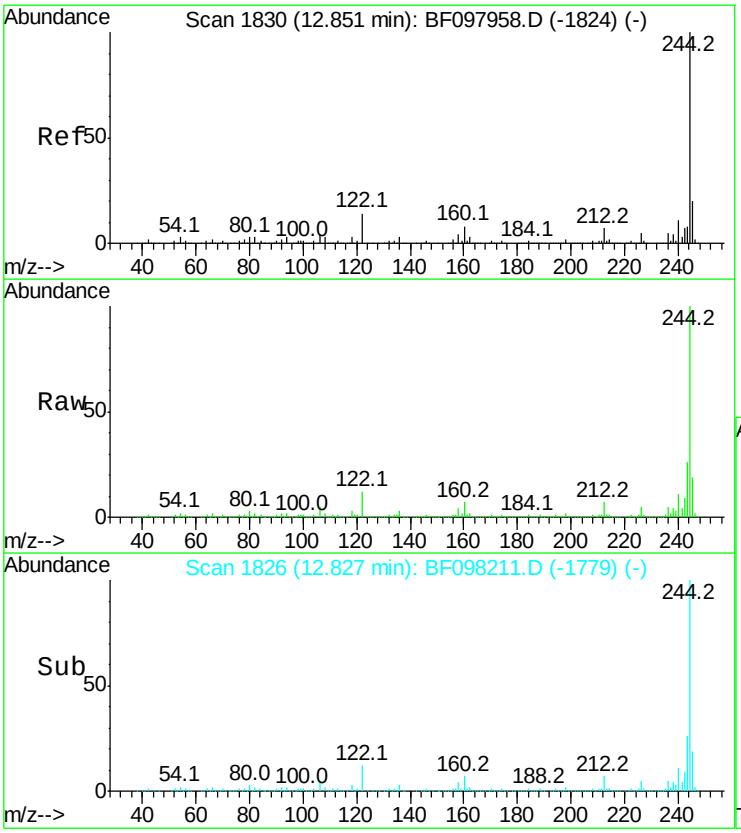
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 307338

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.6	20.5	30.7

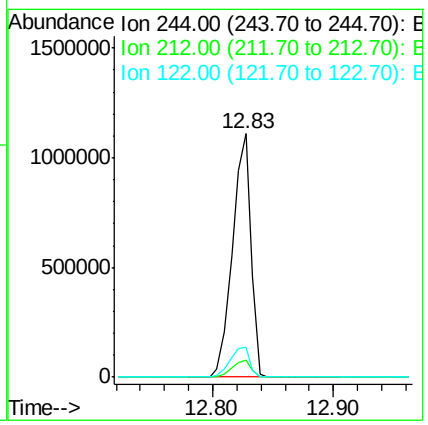


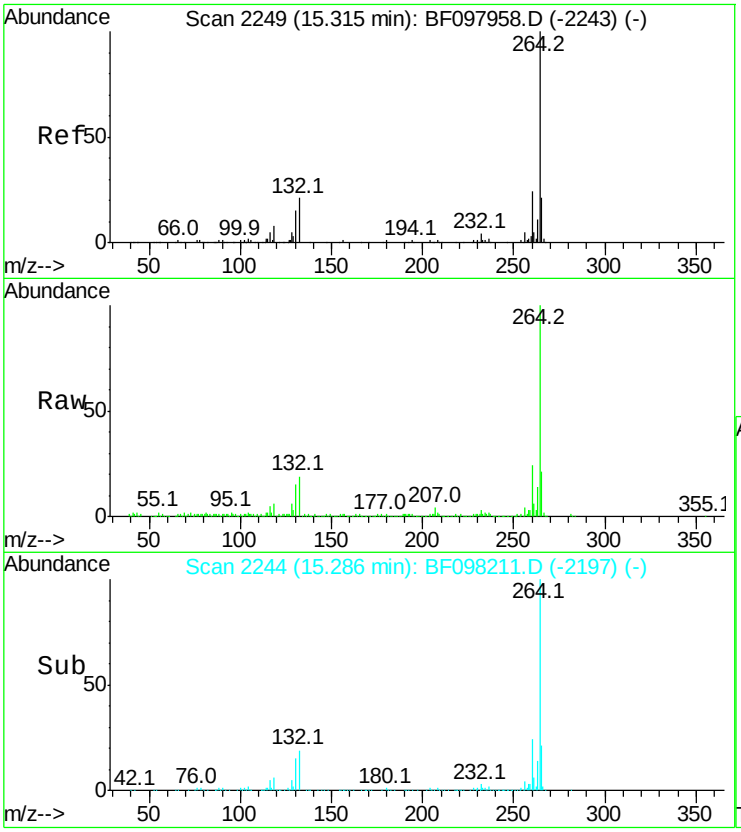


#78
Terphenyl-d14
Concen: 80.277 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098211.D
Acq: 31 Aug 2017 22:59

Tgt Ion:244 Resp: 1183121

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.4	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: BF098211.D
Acq: 31 Aug 2017 22:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 233205

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.2	17.2	25.8