Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098151.D
Acq On : 30 Aug 2017 11:15
Operator : SJ/JU
Sample : I4994-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 12:17:31 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	6.73	152	101925	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	403887	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	170359	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	280338	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	220091	20.00	ng	-0.02
86) Perylene-d12	15.30	264	195820	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	753777	112.49	ng	0.00
7) Phenol-d6	6.37	99	902178	99.09	ng	-0.02
23) Nitrobenzene-d5	7.30	82	660034	88.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	168144	113.75	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	989563	85.34	ng	-0.02
78) Terphenyl-d14	12.83	244	664418	62.95	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	86975	13.955	ng	# 71
25) Isophorone	7.30	82	650765	42.095	ng	# 67
49) Dimethylphthalate	9.77	163	44540	3.577	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	20795	8.366	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	20795	6.666	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.55	198	321	8.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	10844	3.725	ng	# 1

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

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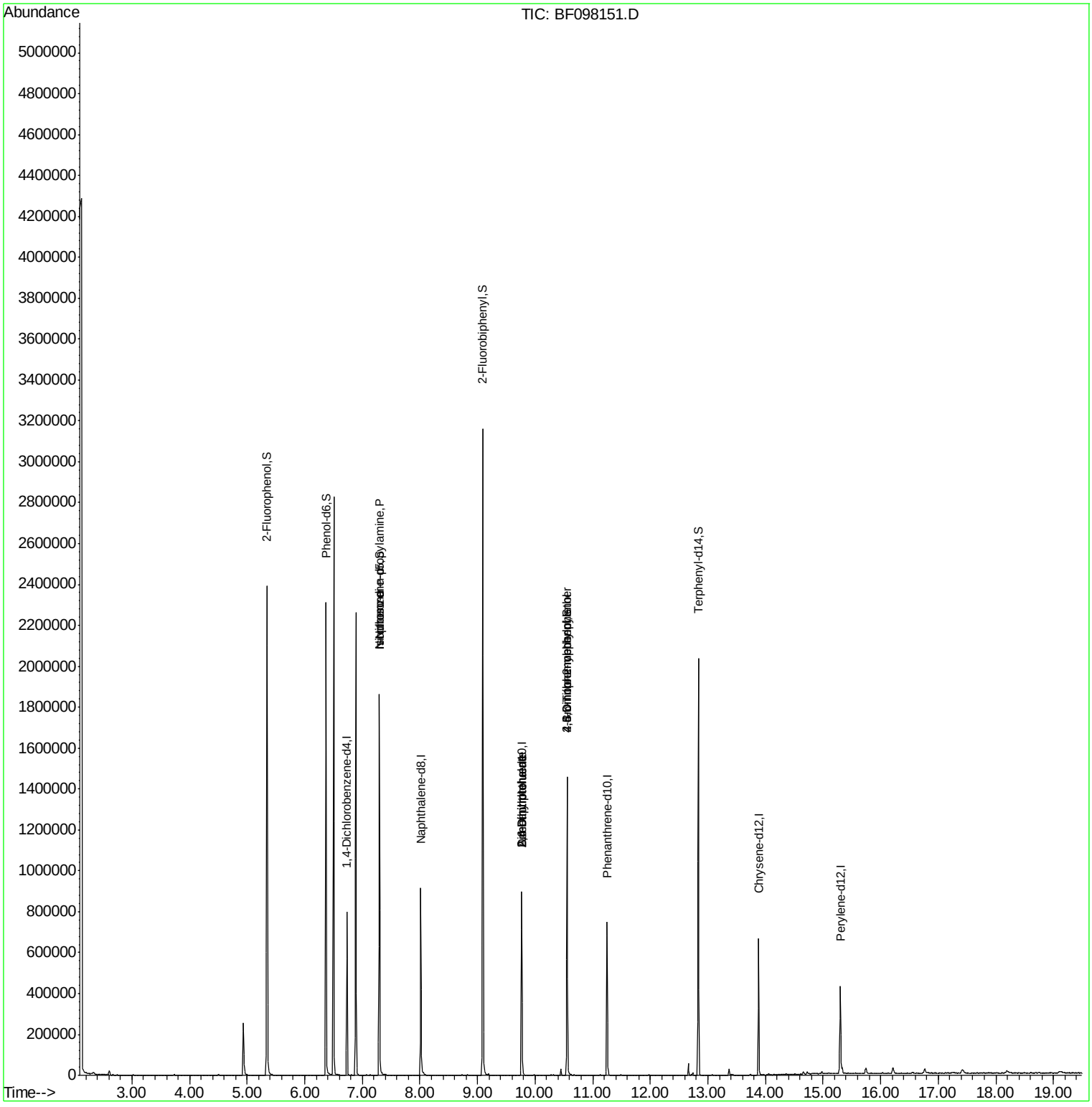
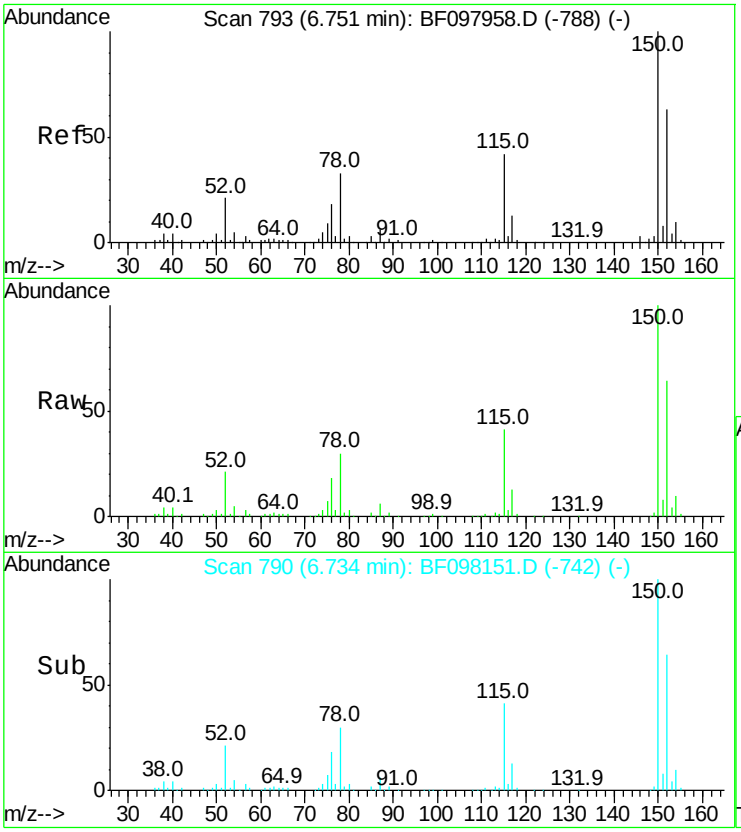


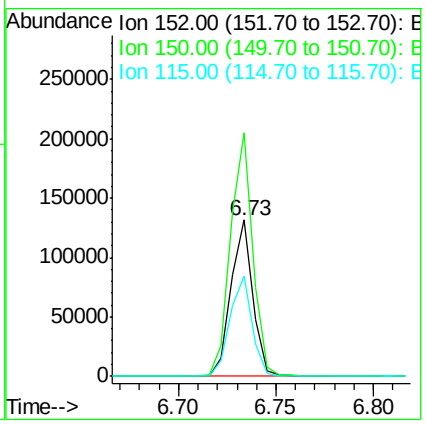


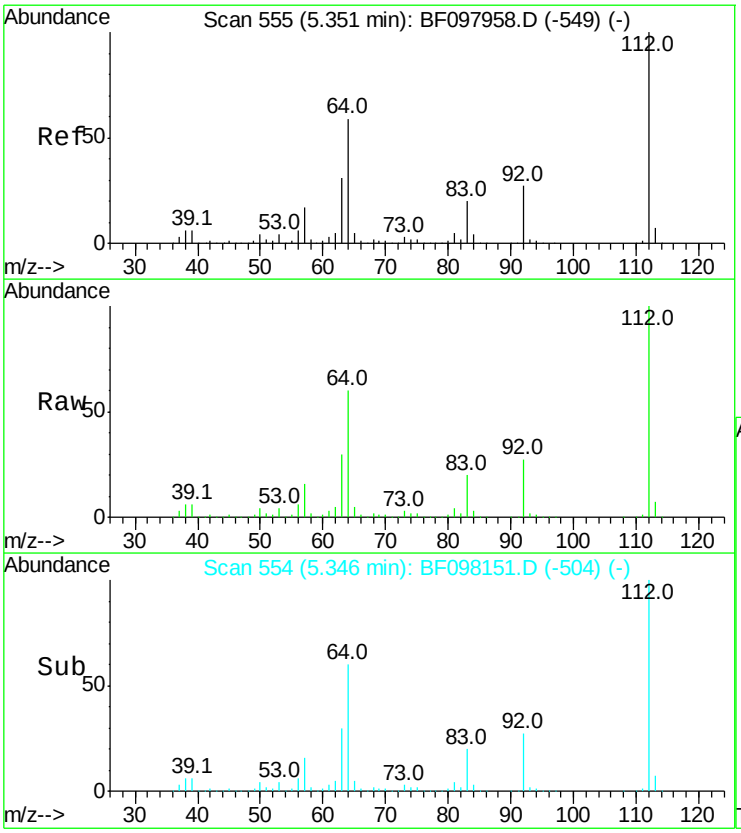
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101925

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	64.4	52.2	78.2

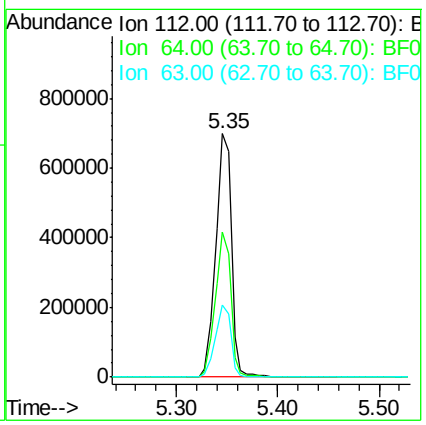


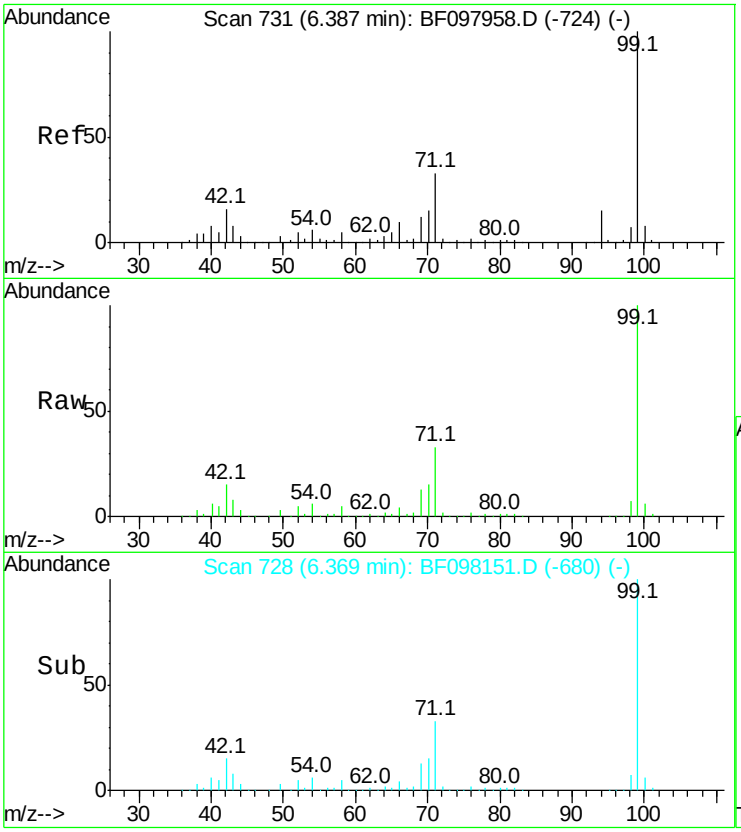


#5
2-Fluorophenol
Concen: 112.490 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:112 Resp: 753777

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	29.8	23.4	35.0



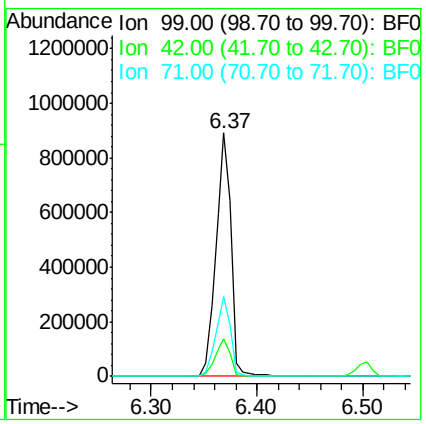


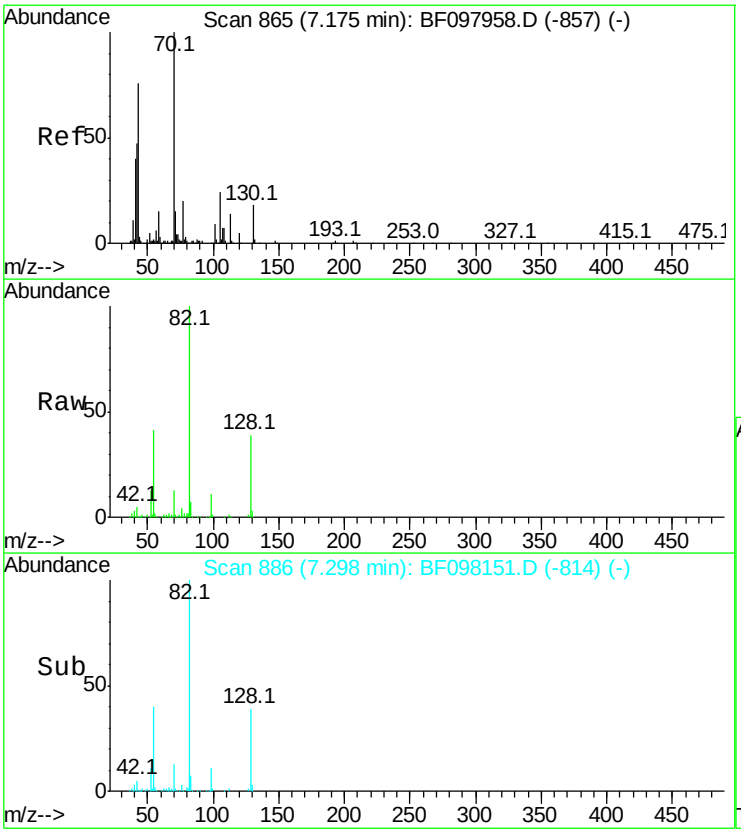
#7
Phenol-d6
Concen: 99.091 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 902178

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.5	24.5	36.7

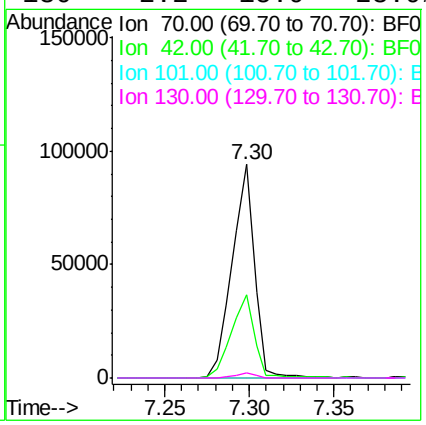


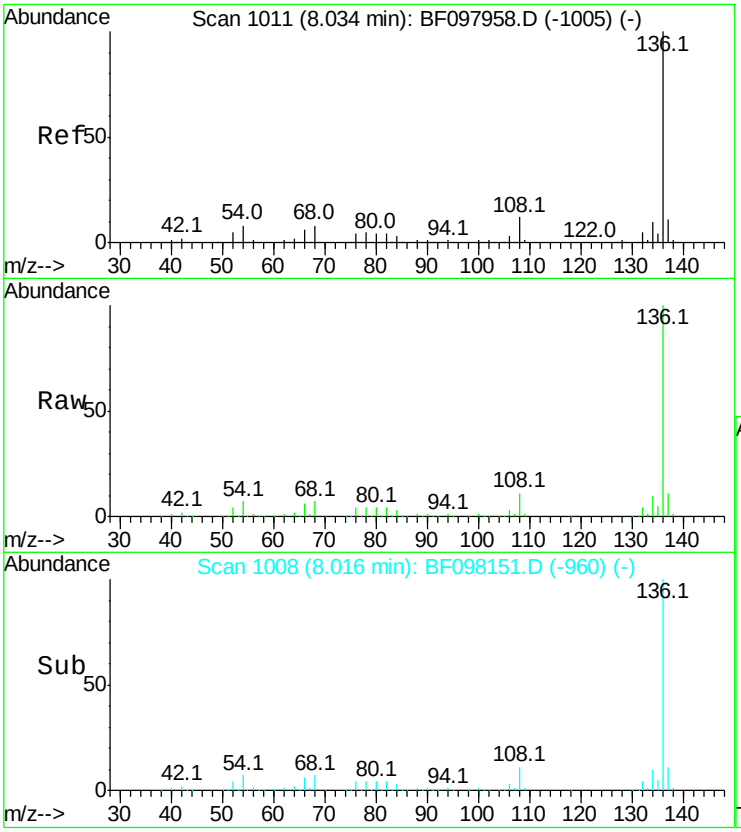


#19
n-Nitroso-di-n-propylamine
Concen: 13.955 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion: 70 Resp: 86975

Ion	Ratio	Lower	Upper
70	100		
42	39.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



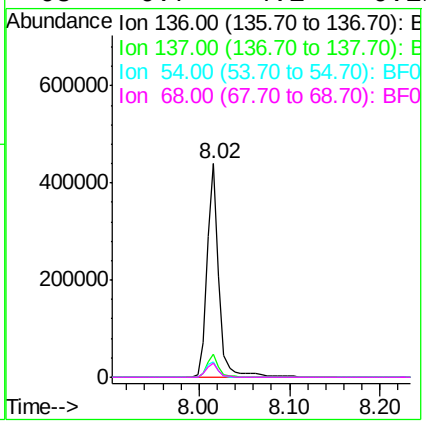


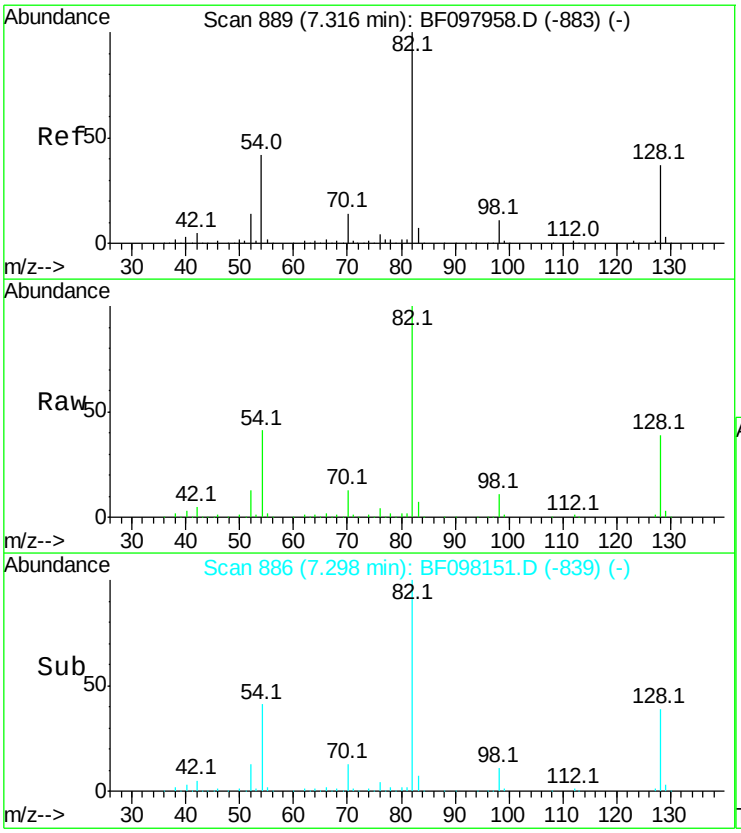
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 403887

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	6.7	4.1	6.1#

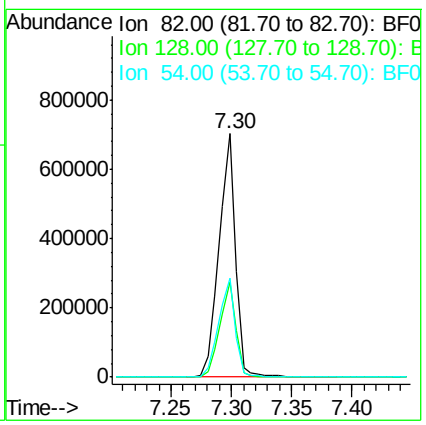


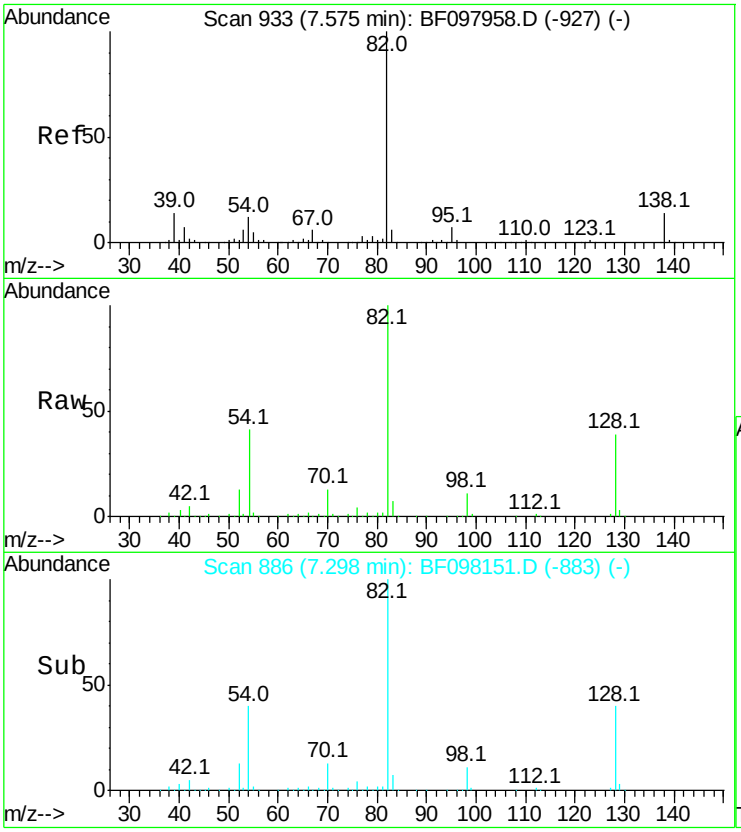


#23
Nitrobenzene-d5
Concen: 88.777 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion: 82 Resp: 660034

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.0	51.0
54	40.8	42.2	63.2#



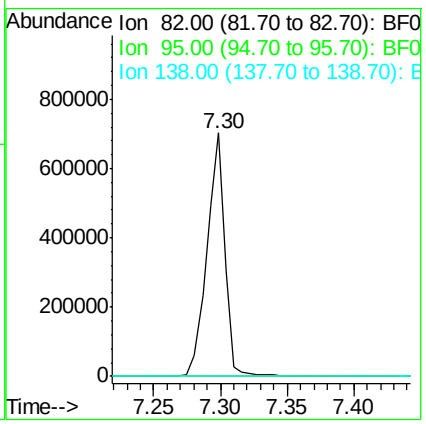


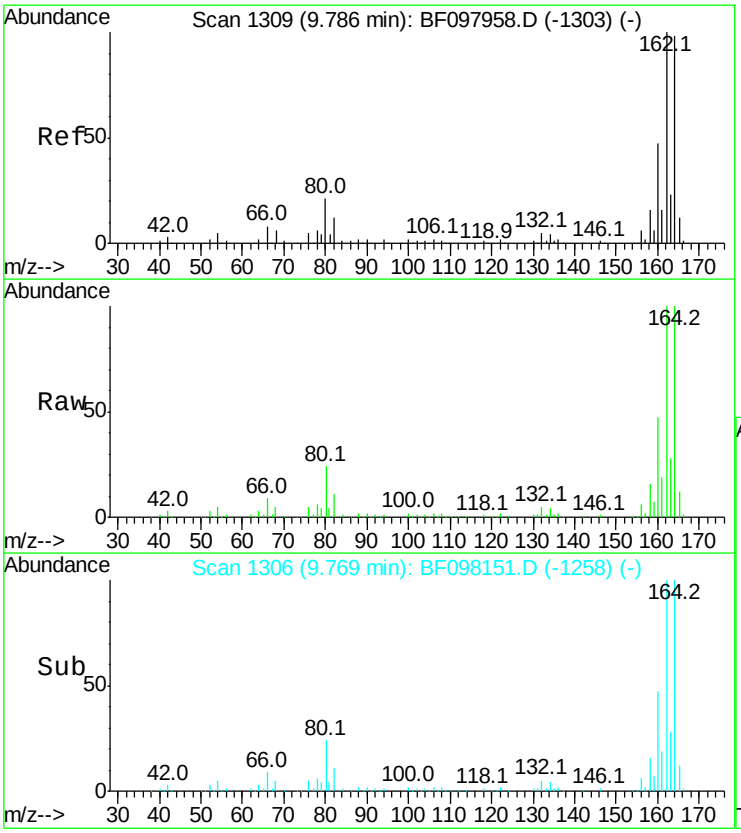
#25
Isophorone
Concen: 42.095 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 650765

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

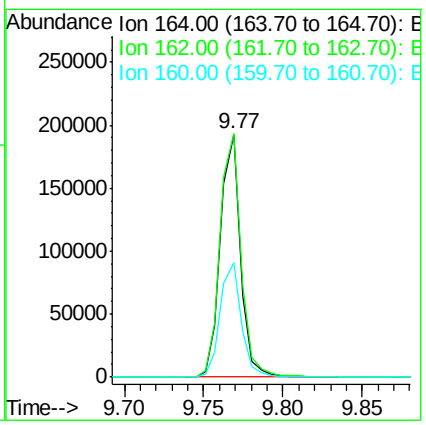


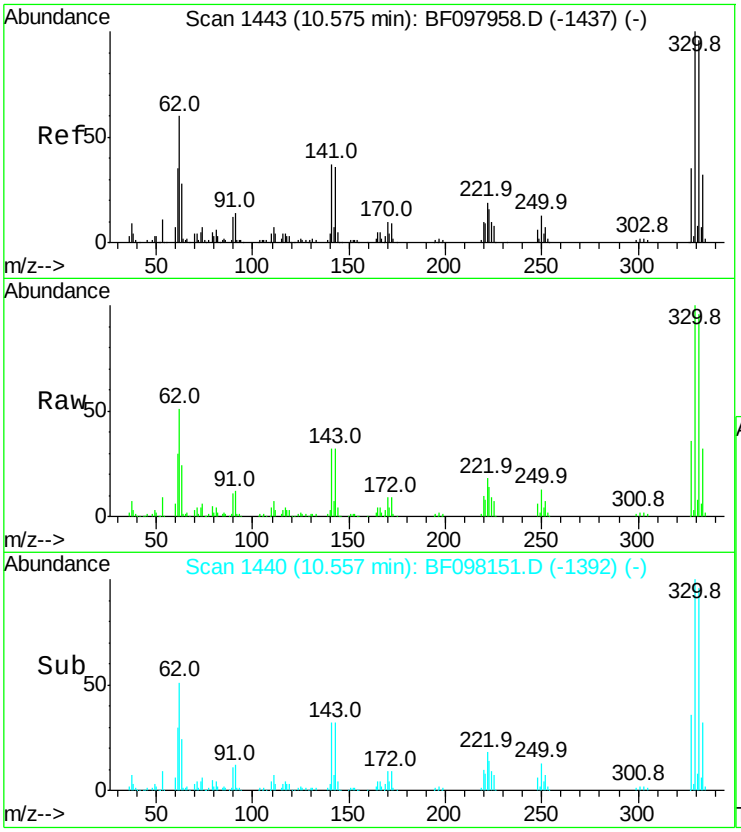


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:164 Resp: 170359

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	47.2	36.2	54.2



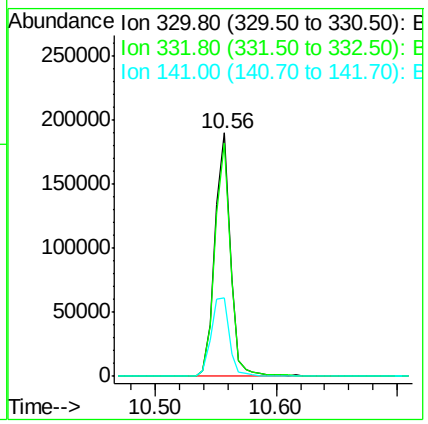


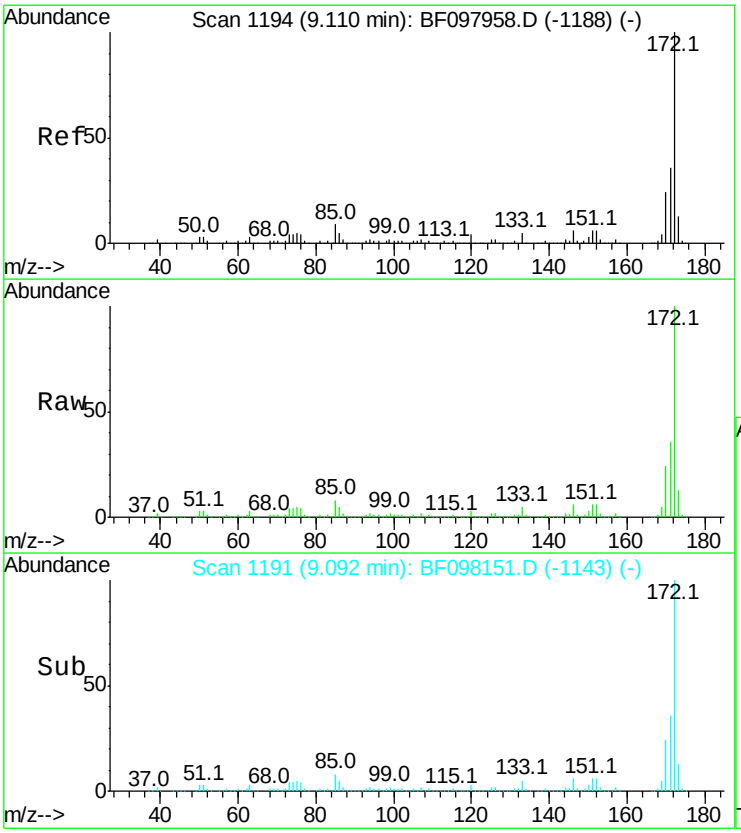
#41
2,4,6-Tribromophenol
Concen: 113.754 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168144

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	38.3	31.4	47.2

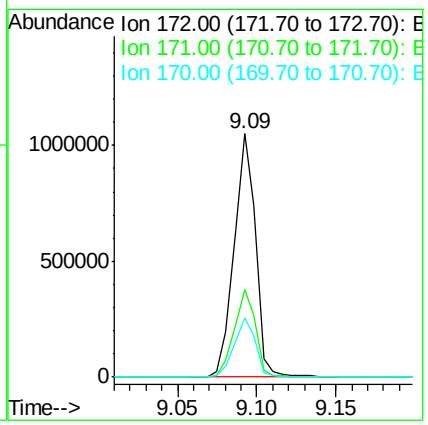


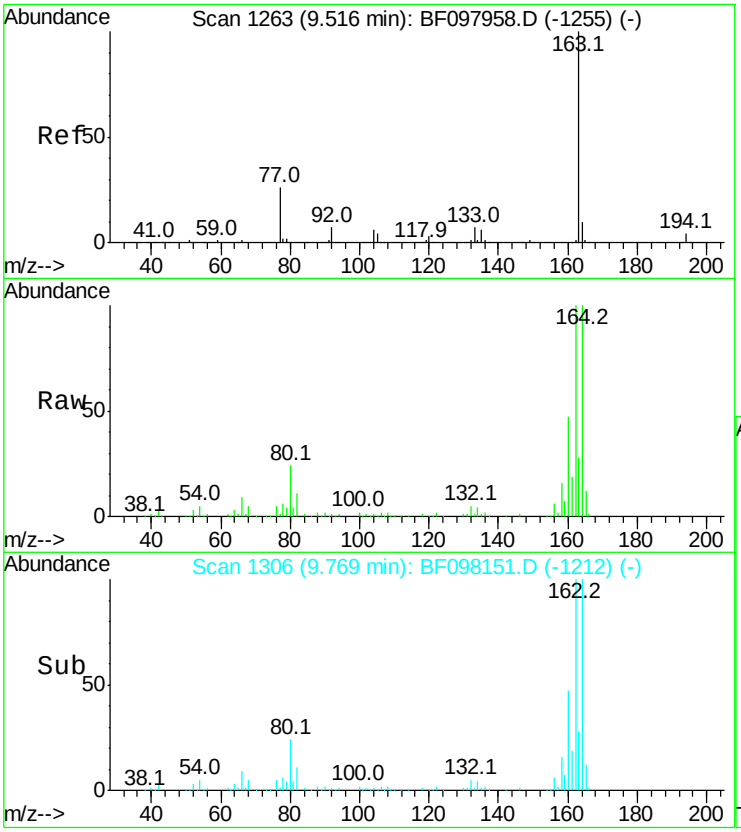


#44
2-Fluorobiphenyl
Concen: 85.342 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:172 Resp: 989563

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8



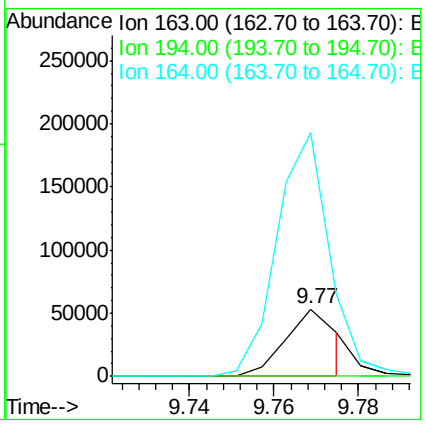


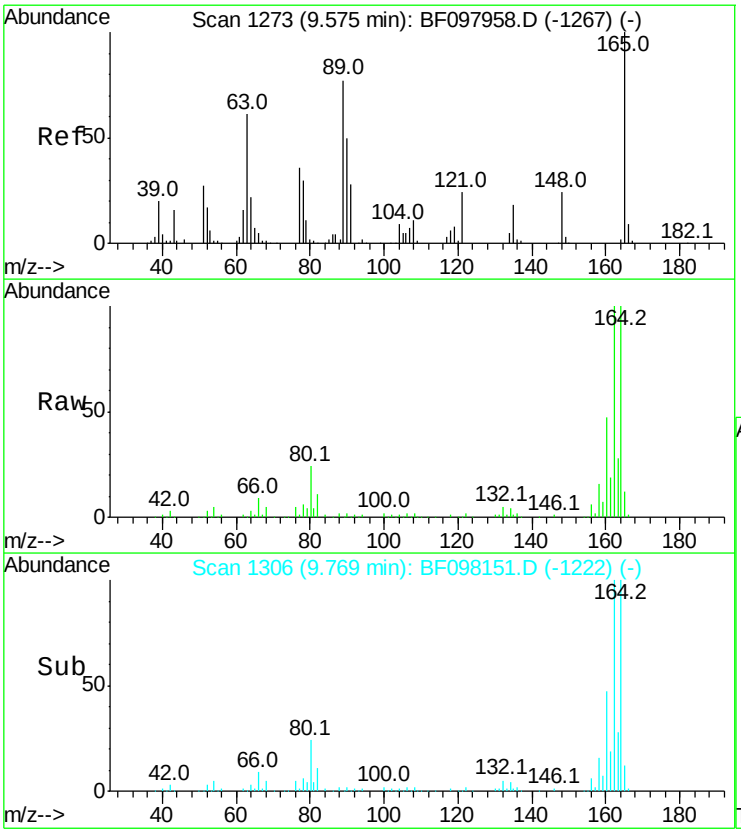
#49
Dimethylphthalate
Concen: 3.577 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.25 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44540

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	362.2	8.4	12.6#

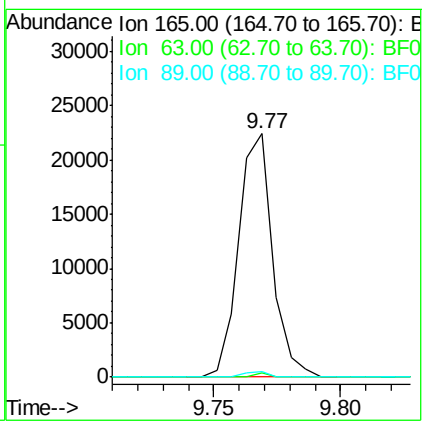


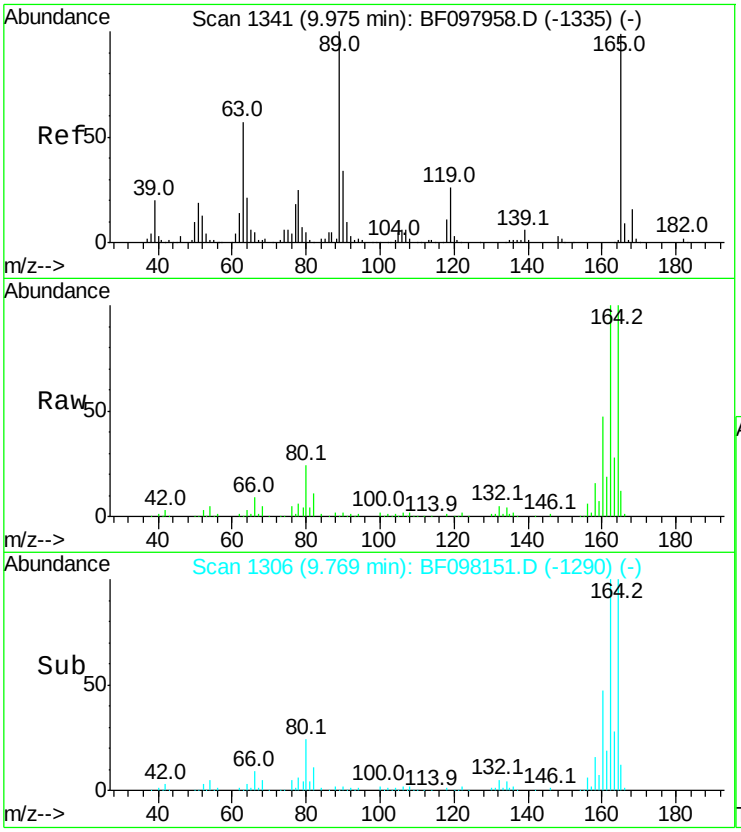


#50
2,6-Dinitrotoluene
Concen: 8.366 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:165 Resp: 20795

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	2.2	37.1	55.7#



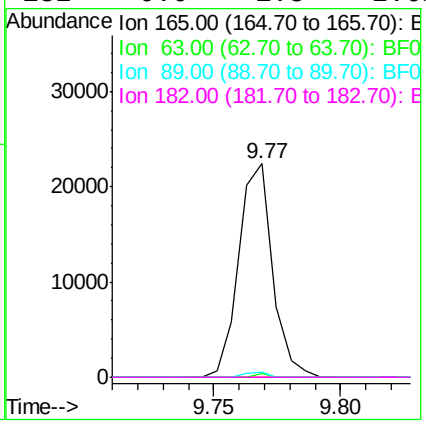


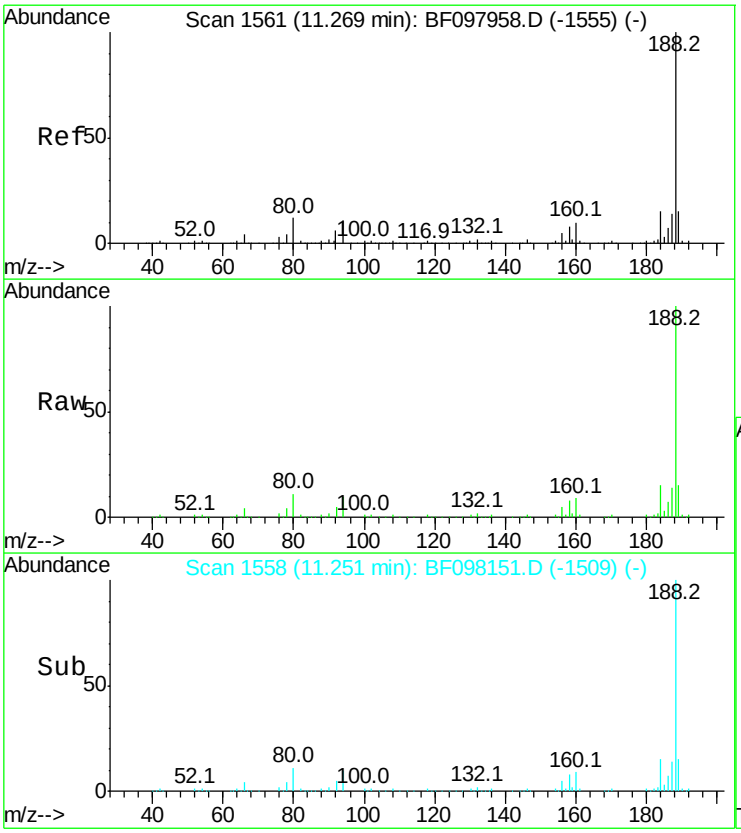
#56
2,4-Dinitrotoluene
Concen: 6.666 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20795

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

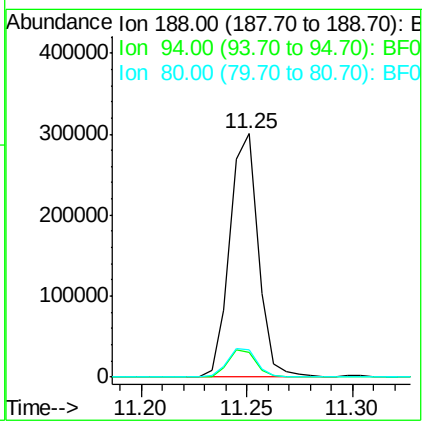


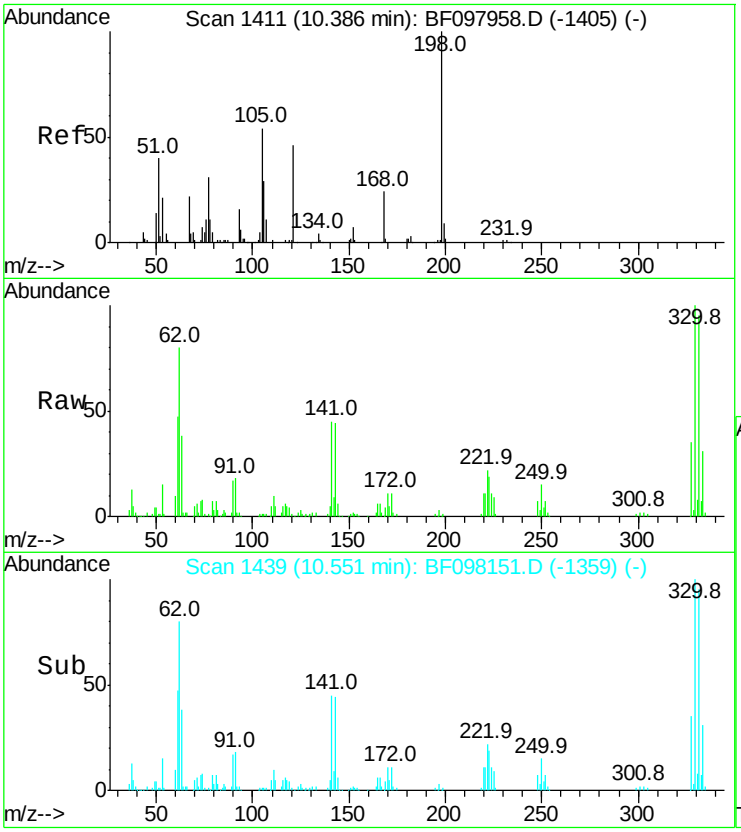


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:188 Resp: 280338

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2



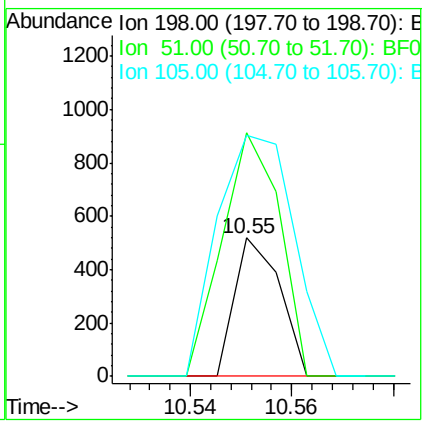


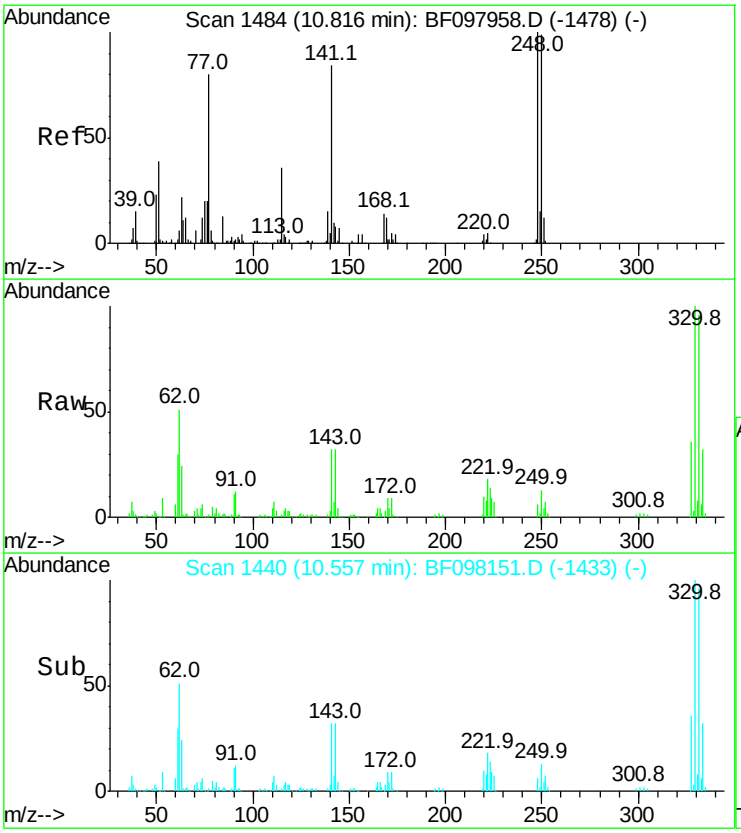
#64
4,6-Dinitro-2-methylphenol
Concen: 8.522 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.17 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 321

Ion	Ratio	Lower	Upper
198	100		
51	175.7	53.2	93.2#
105	173.8	45.8	85.8#

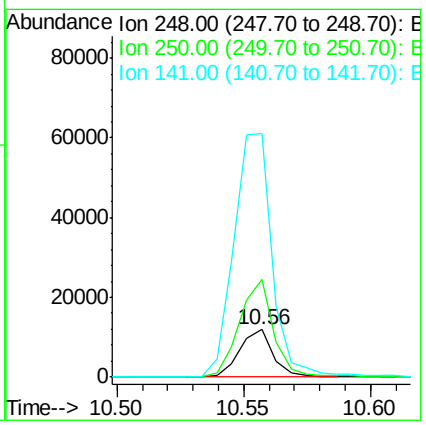


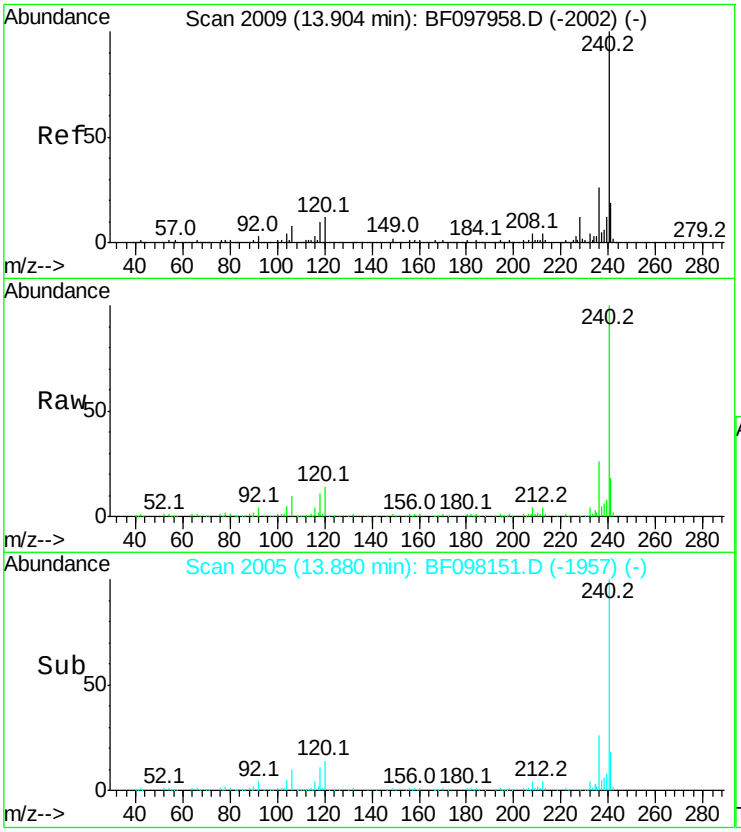


#66
4-Bromophenyl-phenylether
Concen: 3.725 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:248 Resp: 10844

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.8	115.2#
141	512.4	68.6	103.0#



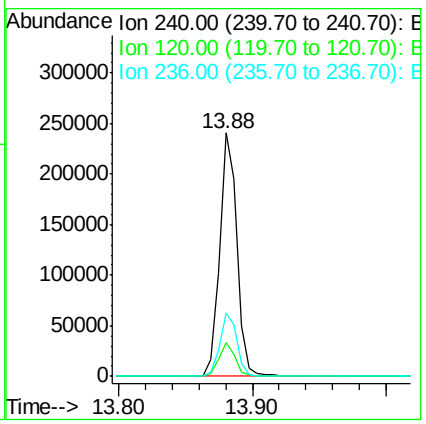


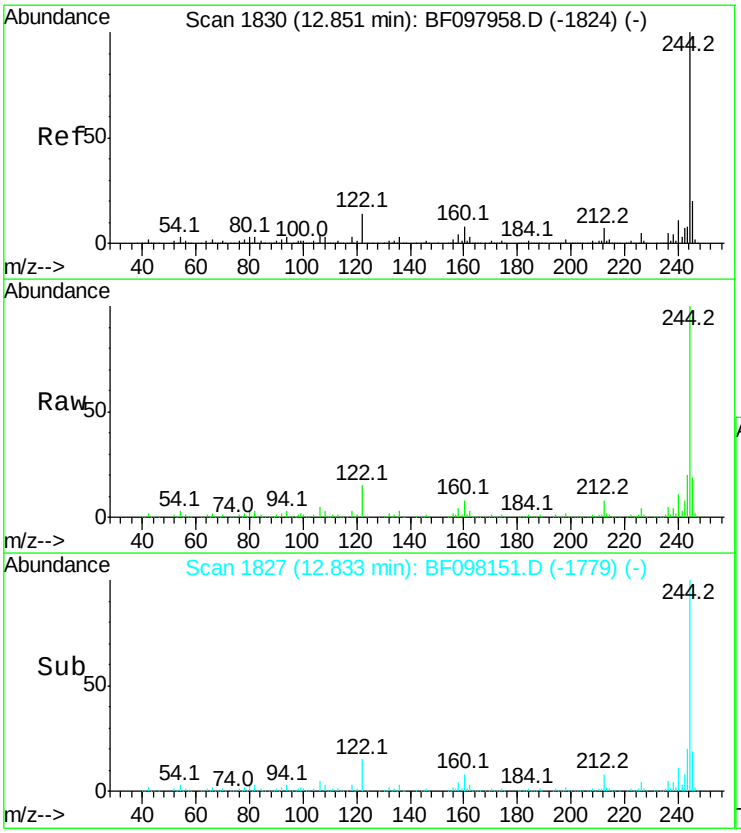
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 220091

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.1	20.5	30.7

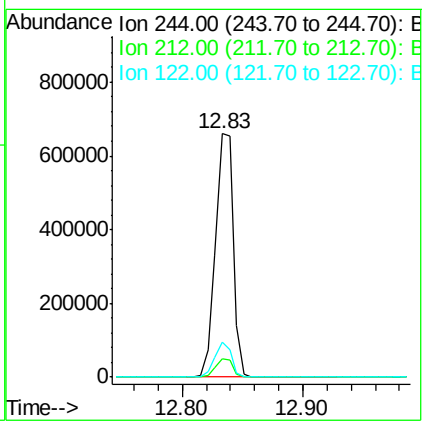


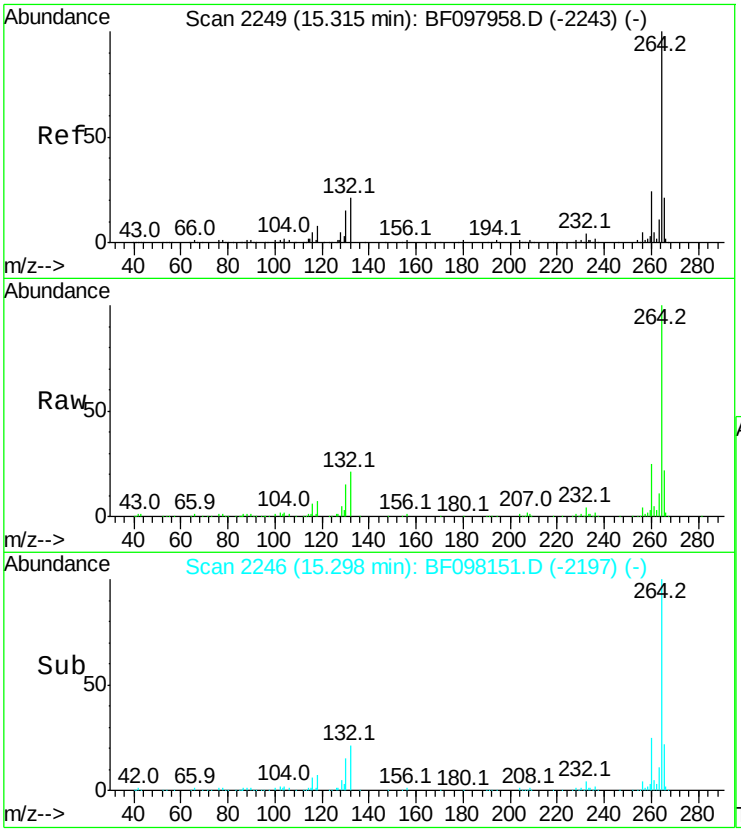


#78
Terphenyl-d14
Concen: 62.953 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Tgt Ion:244 Resp: 664418

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF098151.D
Acq: 30 Aug 2017 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 195820

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.2	25.8