Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098110.D
Acq On : 29 Aug 2017 14:55
Operator : SJ/JU
Sample : PB101845BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 02:57:33 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	123356	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	502214	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	240955	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	507738	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	453788	20.00	ng	-0.01
86) Perylene-d12	15.30	264	333766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	992013	122.32	ng	0.00
7) Phenol-d6	6.37	99	1311133	118.99	ng	-0.01
23) Nitrobenzene-d5	7.30	82	835461	90.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	299352	143.18	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1305438	79.60	ng	-0.02
78) Terphenyl-d14	12.84	244	1334518	61.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	112599	14.928	ng	# 70
25) Isophorone	7.30	82	813457	42.317	ng	# 67
49) Dimethylphthalate	9.77	163	65201	3.702	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	29895	8.503	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	29895	6.776	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	600	8.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	19564	3.711	ng	# 1

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

Quantitation Report (Not Reviewed)

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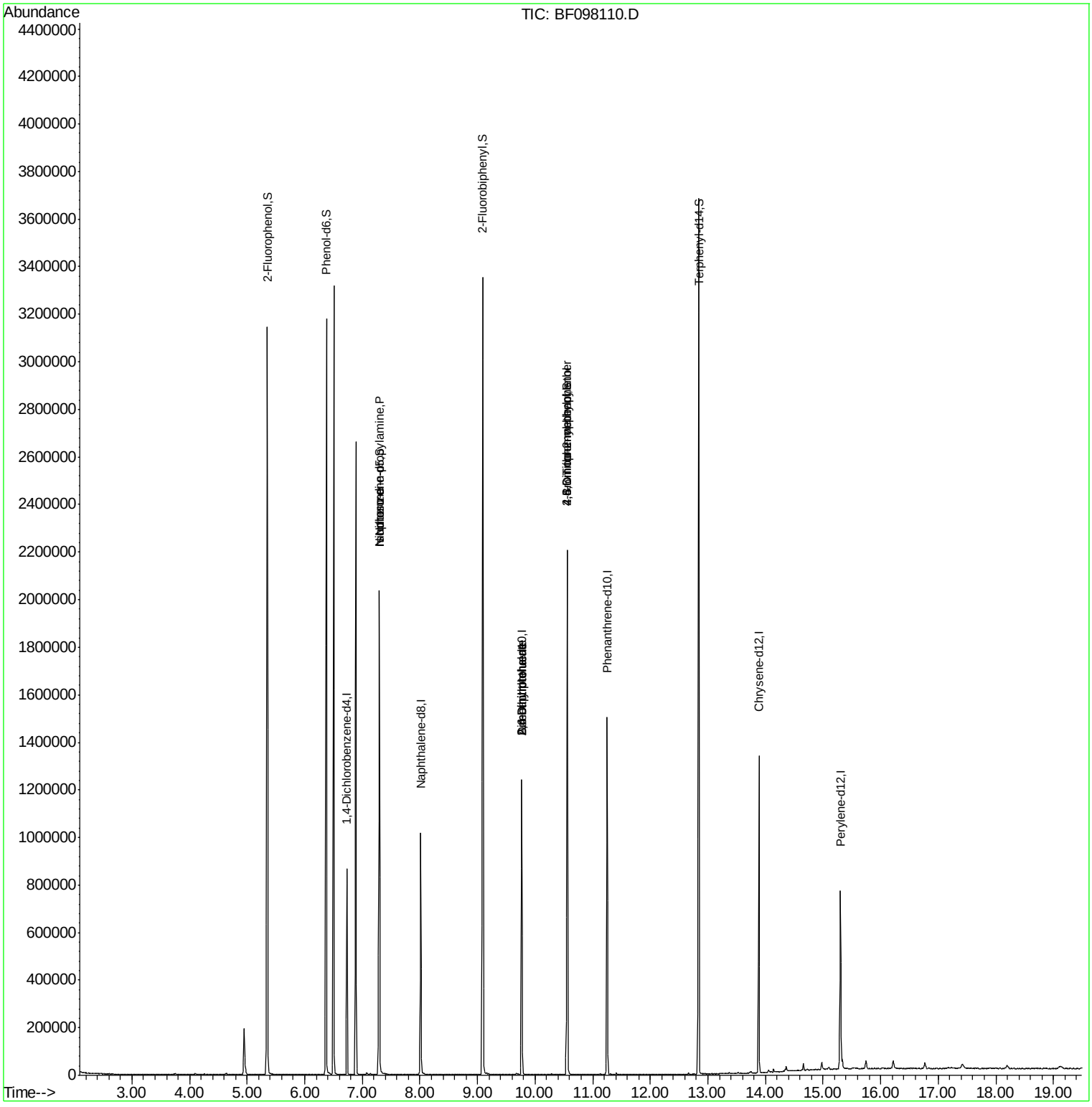
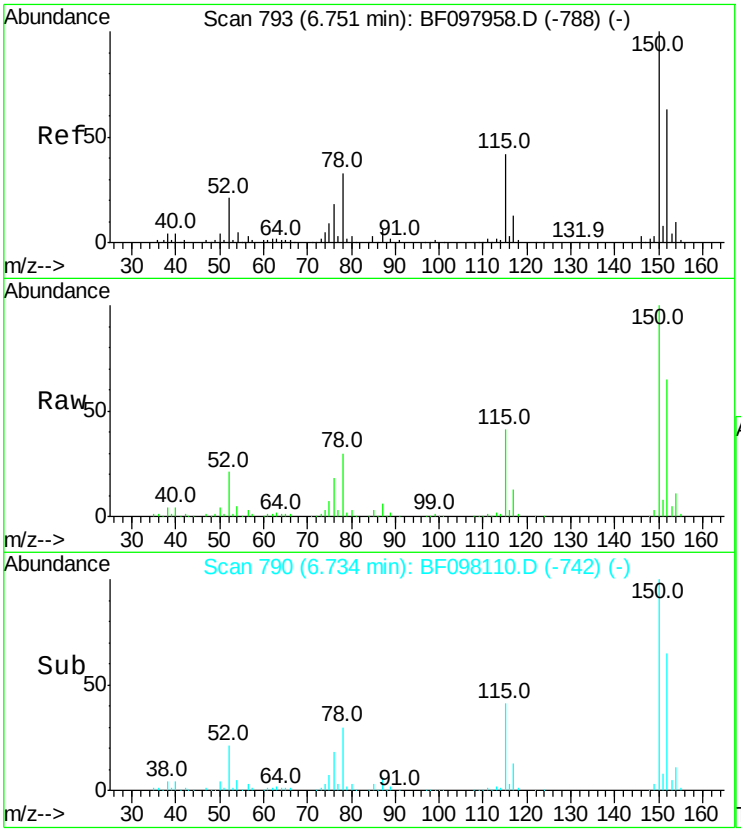


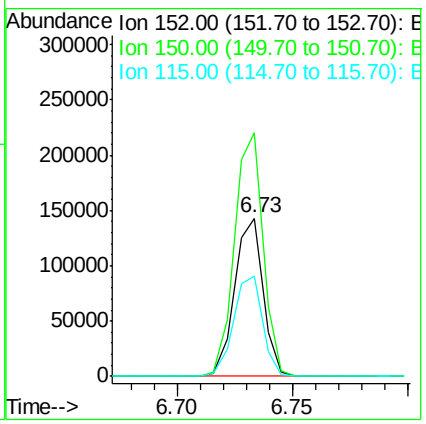


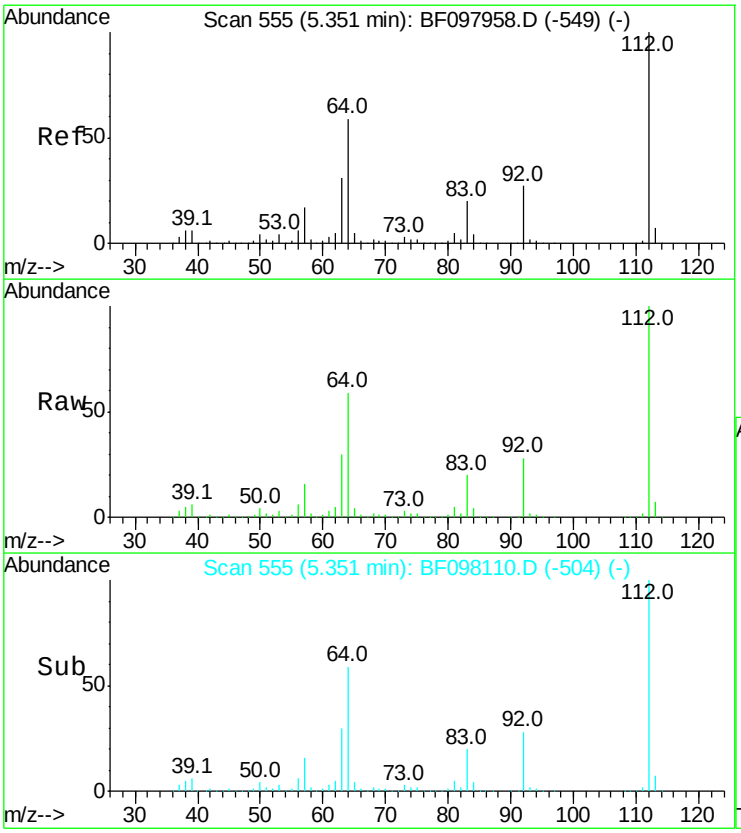
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123356

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	63.1	52.2	78.2

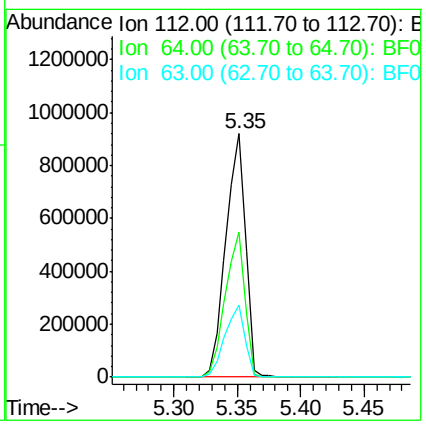


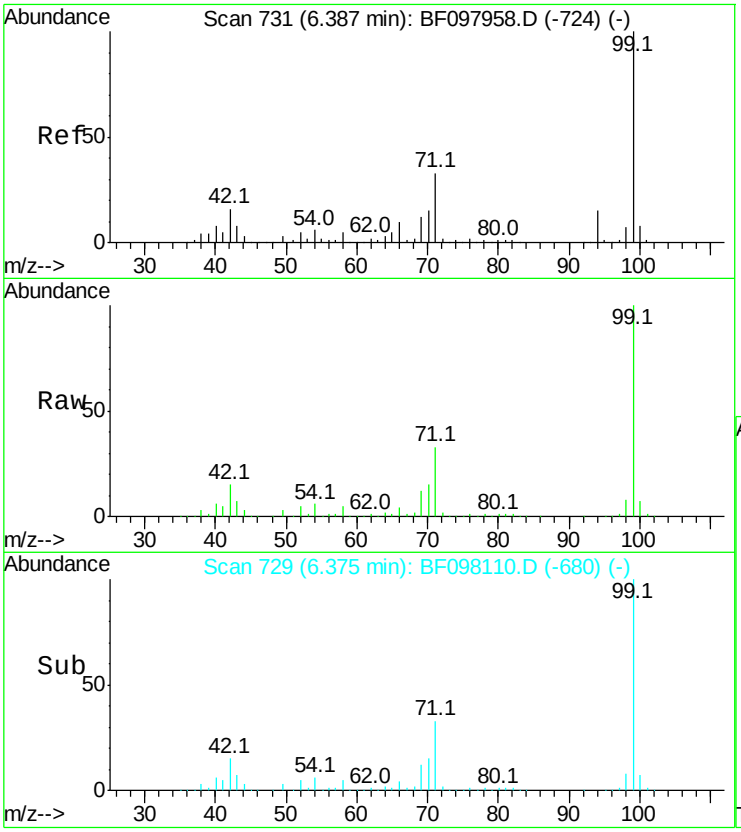


#5
2-Fluorophenol
Concen: 122.323 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:112 Resp: 992013

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	29.6	23.4	35.0



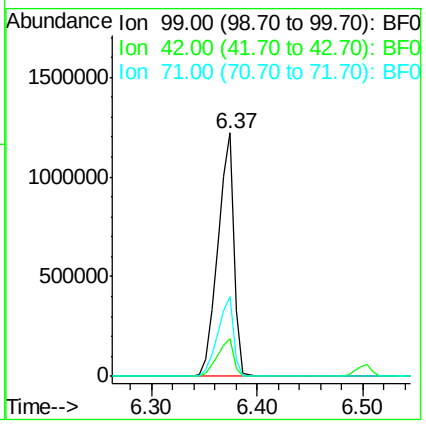


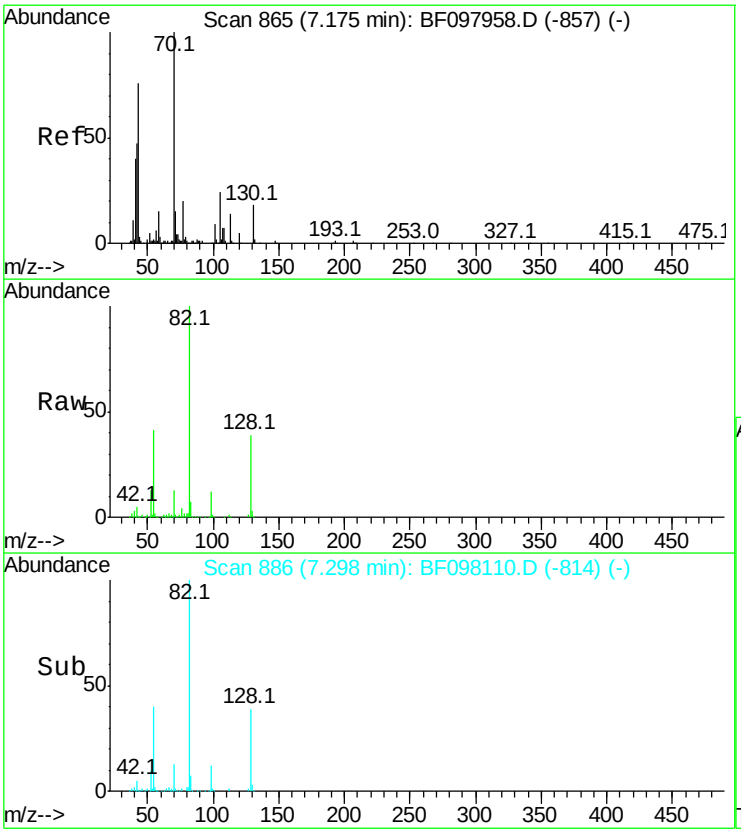
#7
Phenol-d6
Concen: 118.990 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1311133

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.8	24.5	36.7

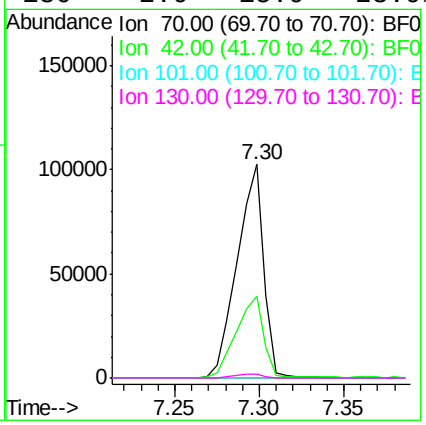


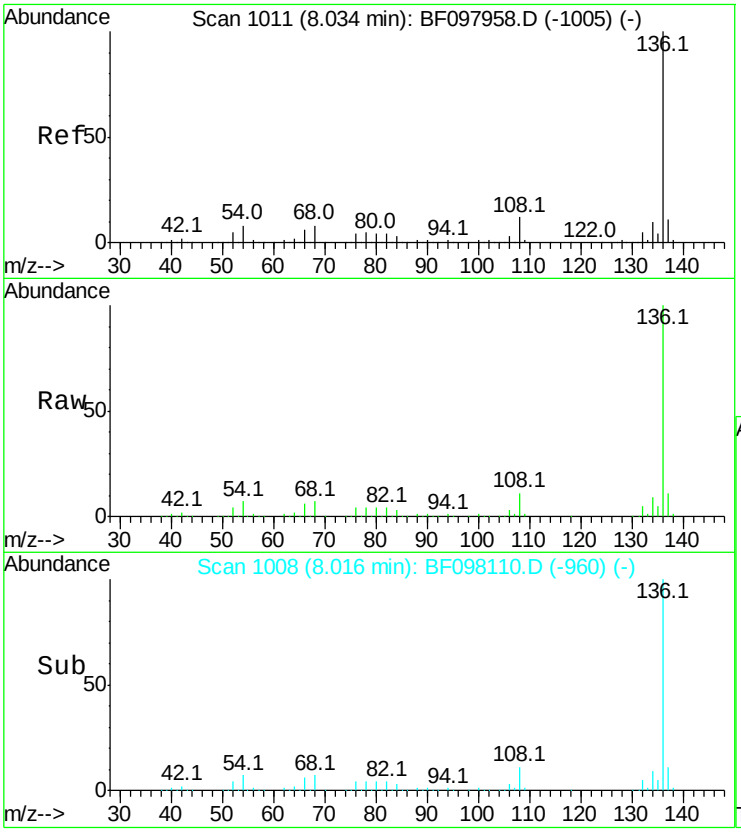


#19
n-Nitroso-di-n-propylamine
Concen: 14.928 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion: 70 Resp: 112599

Ion	Ratio	Lower	Upper
70	100		
42	38.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



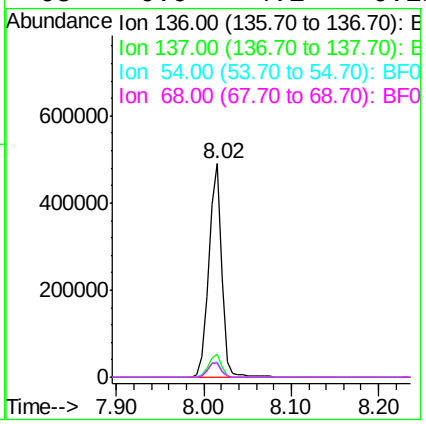


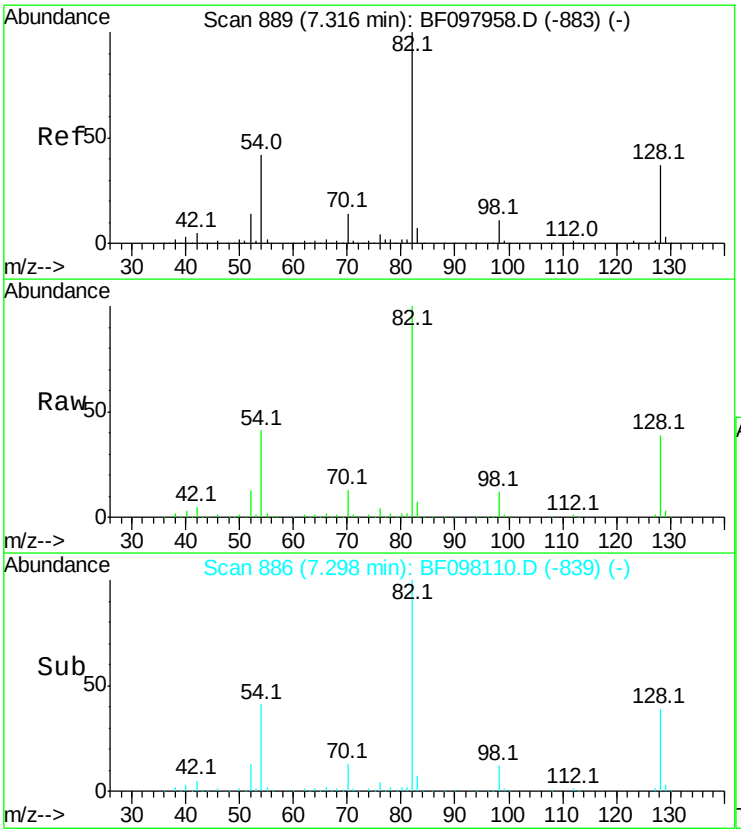
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 502214

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.5	4.9	7.3#
68	6.9	4.1	6.1#

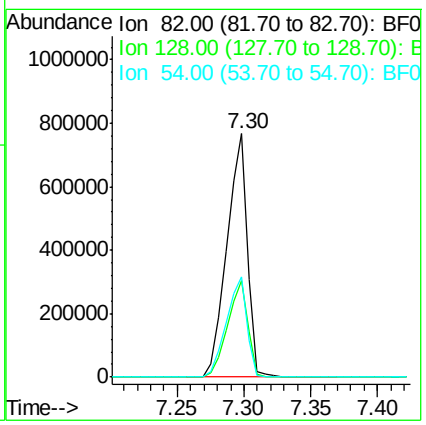


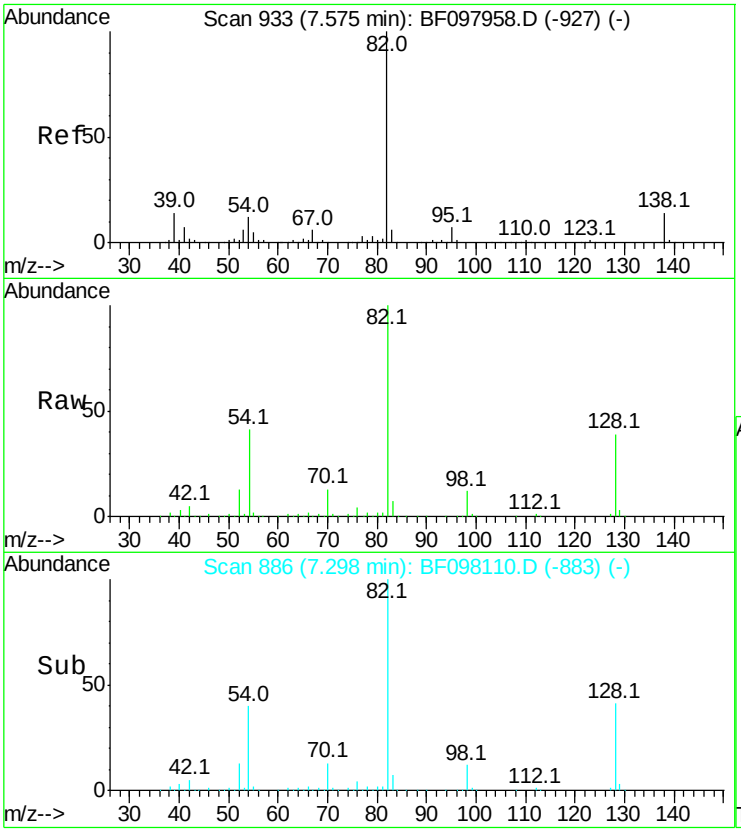


#23
Nitrobenzene-d5
Concen: 90.372 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion: 82 Resp: 835461

Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.0	51.0
54	41.1	42.2	63.2#



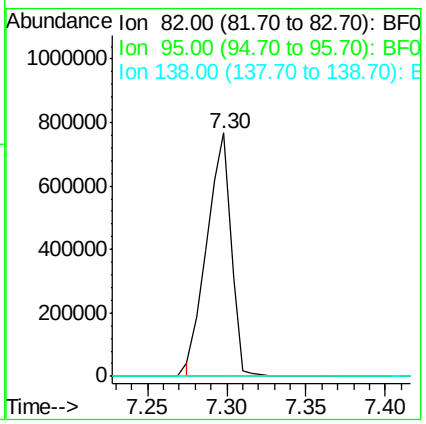


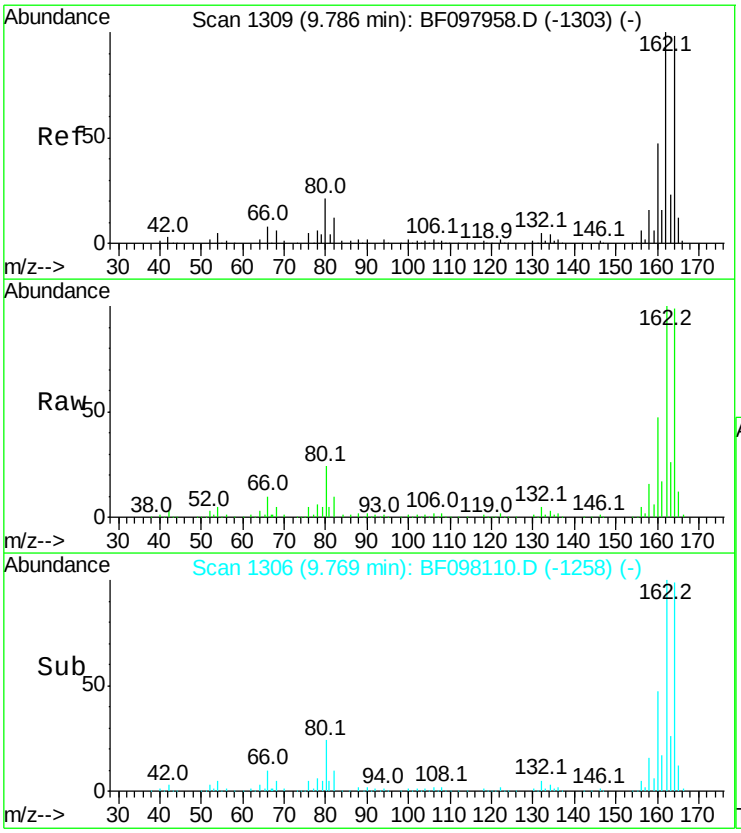
#25
Isophorone
Concen: 42.317 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 813457

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

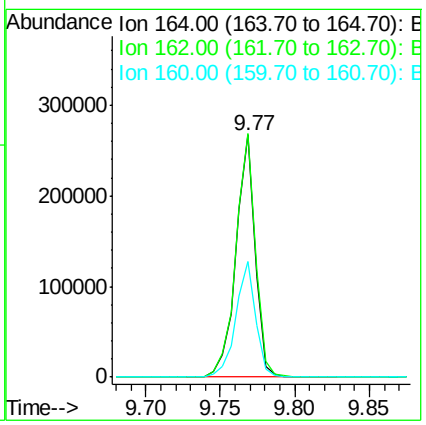


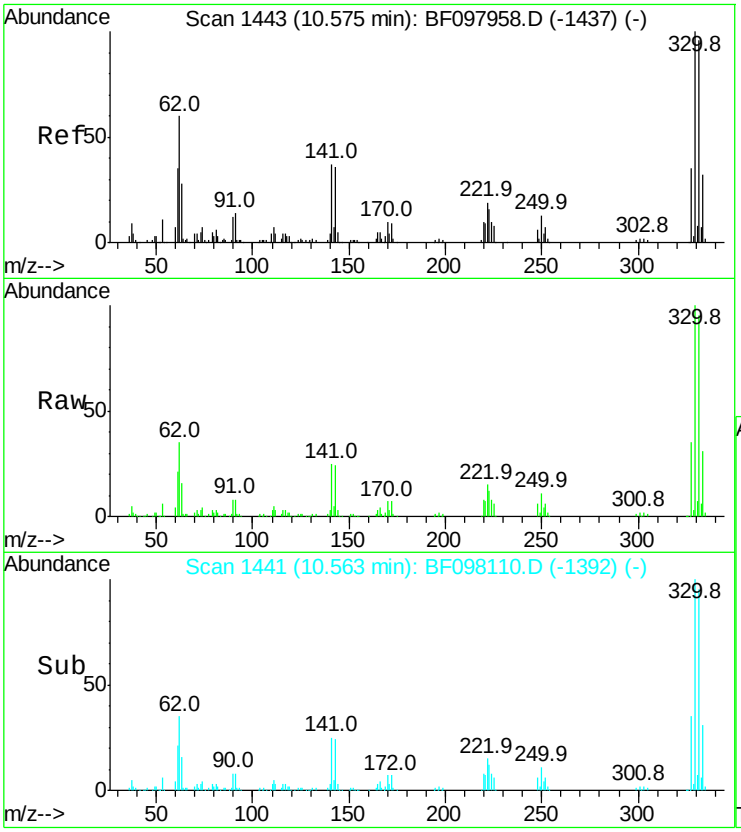


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:164 Resp: 240955

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	47.5	36.2	54.2



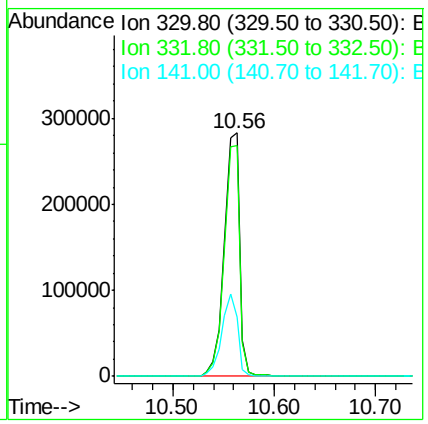


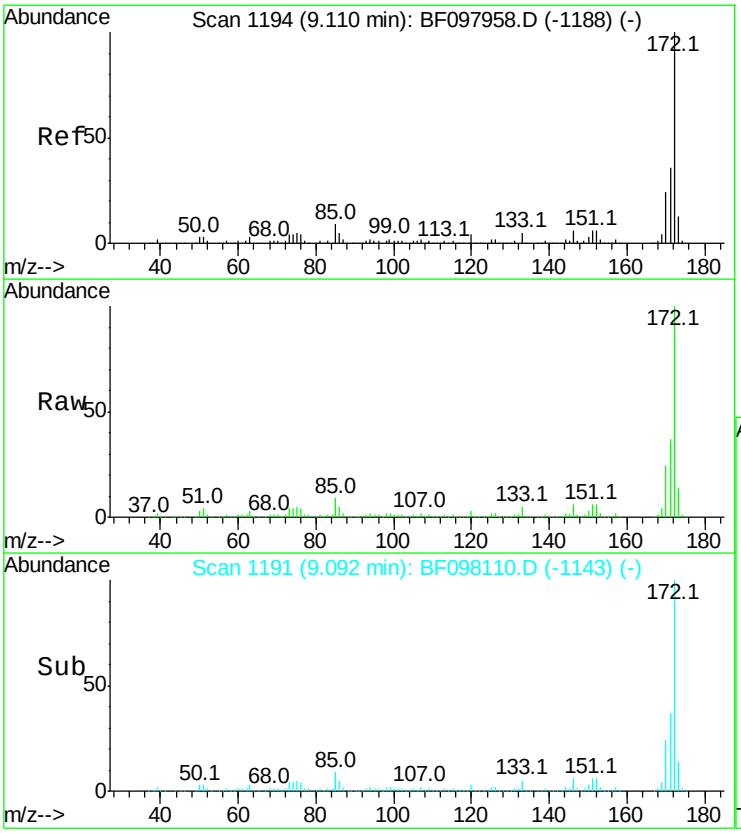
#41
2,4,6-Tribromophenol
Concen: 143.184 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 299352

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	34.6	31.4	47.2

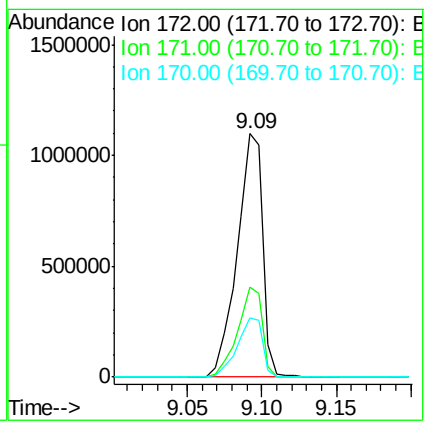


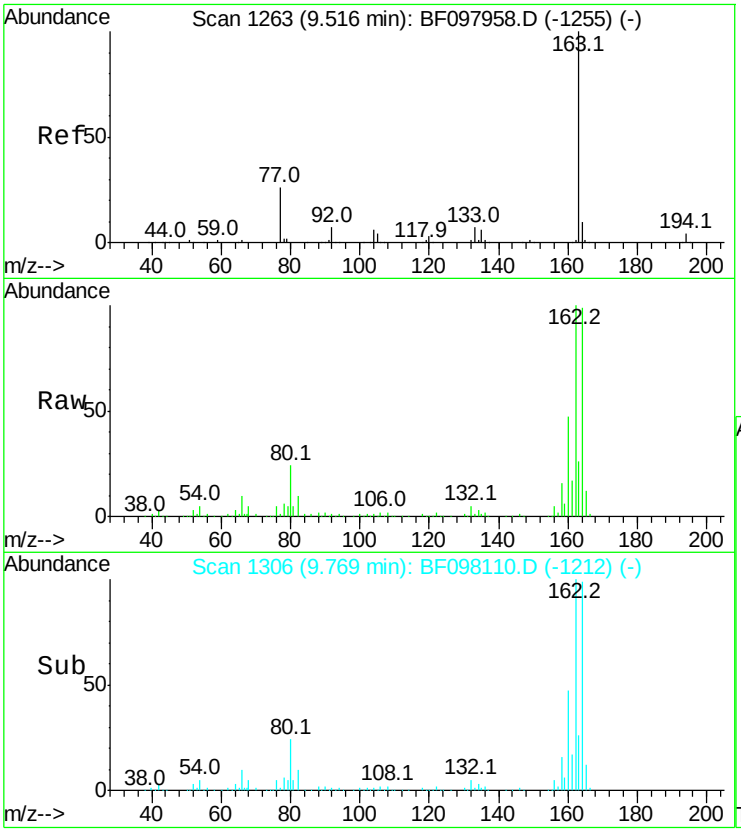


#44
2-Fluorobiphenyl
Concen: 79.598 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:172 Resp: 1305438

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8



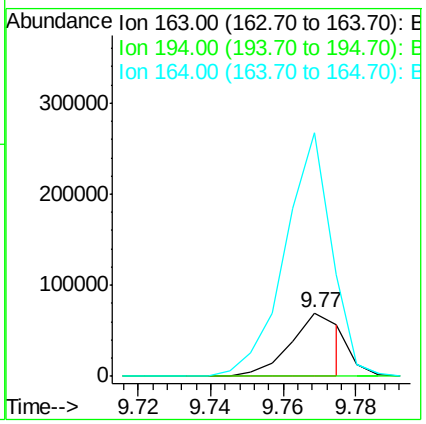


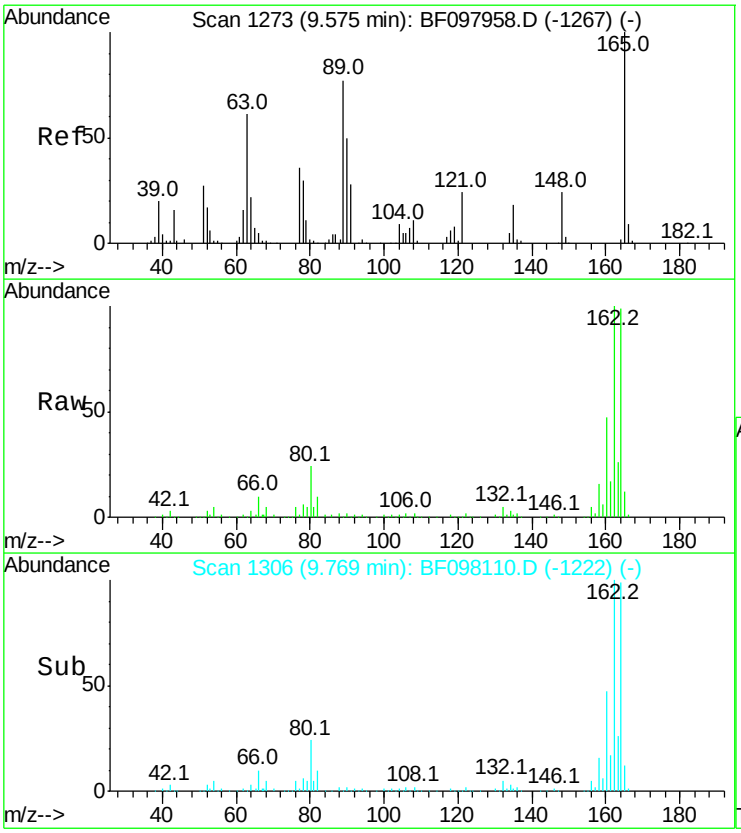
#49
Dimethylphthalate
Concen: 3.702 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.25 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 65201

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	382.0	8.4	12.6#

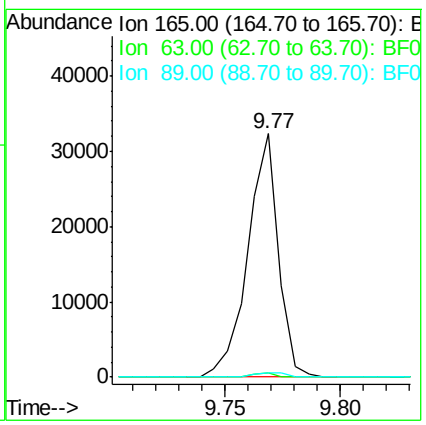


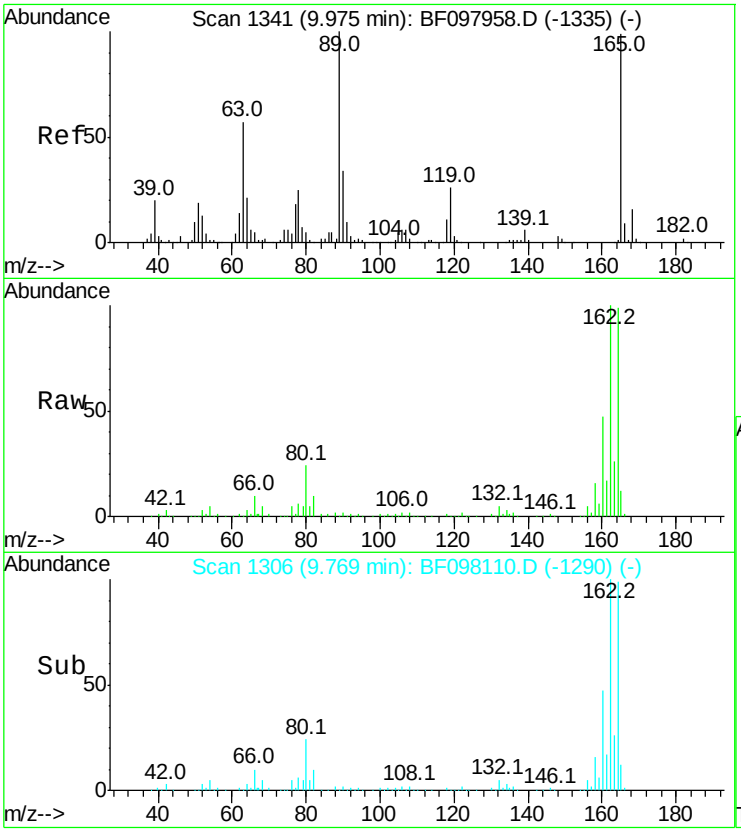


#50
2,6-Dinitrotoluene
Concen: 8.503 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:165 Resp: 29895

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.8	37.1	55.7#



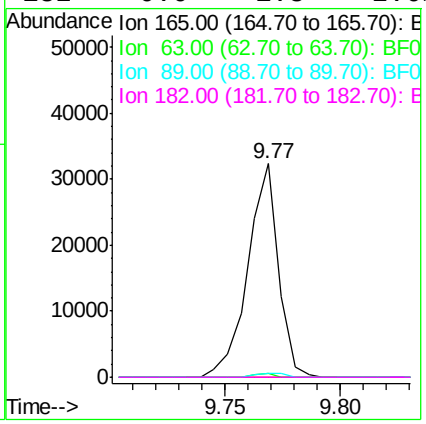


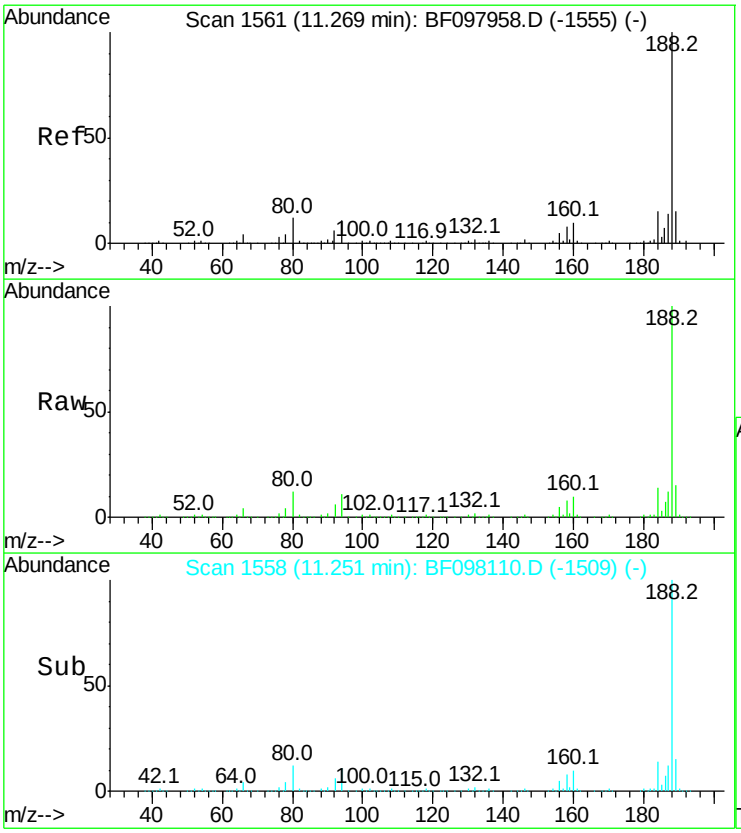
#56
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29895

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

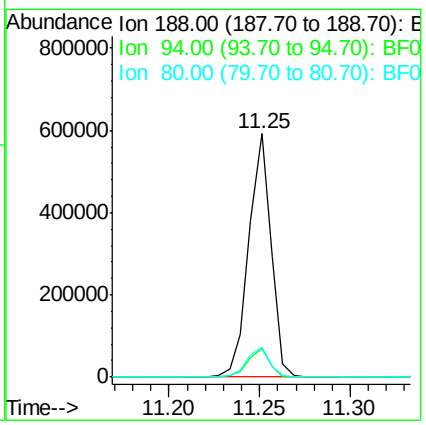


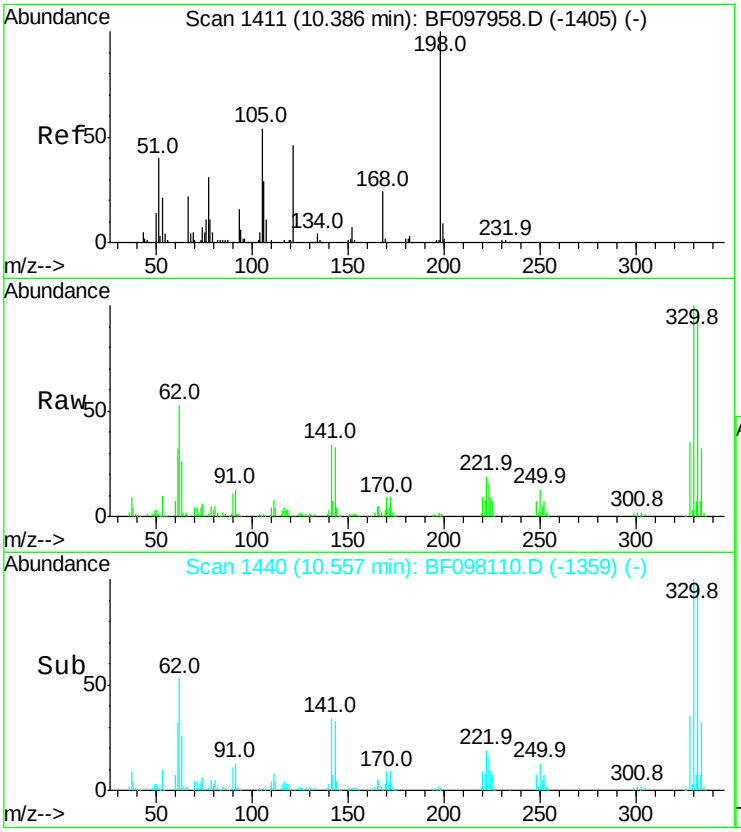


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:188 Resp: 507738

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.1	10.2	15.2



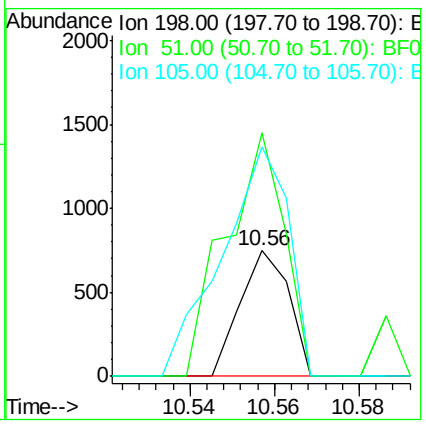


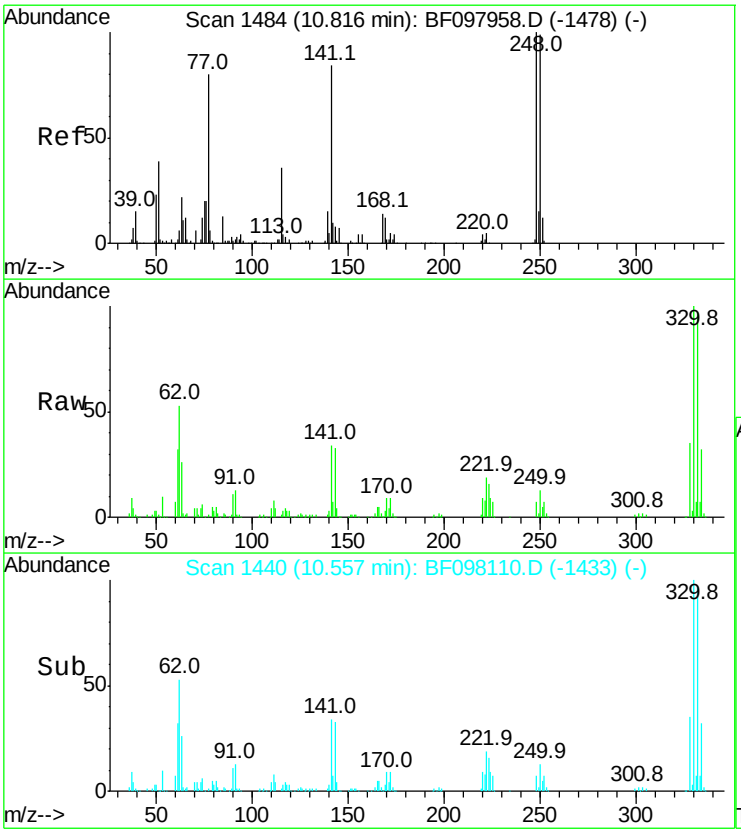
#64
4,6-Dinitro-2-methylphenol
Concen: 8.528 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 600

Ion	Ratio	Lower	Upper
198	100		
51	194.1	53.2	93.2#
105	183.1	45.8	85.8#

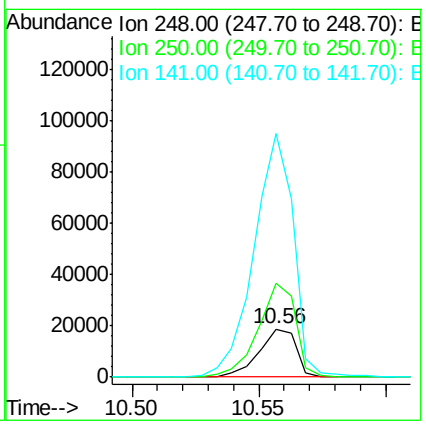


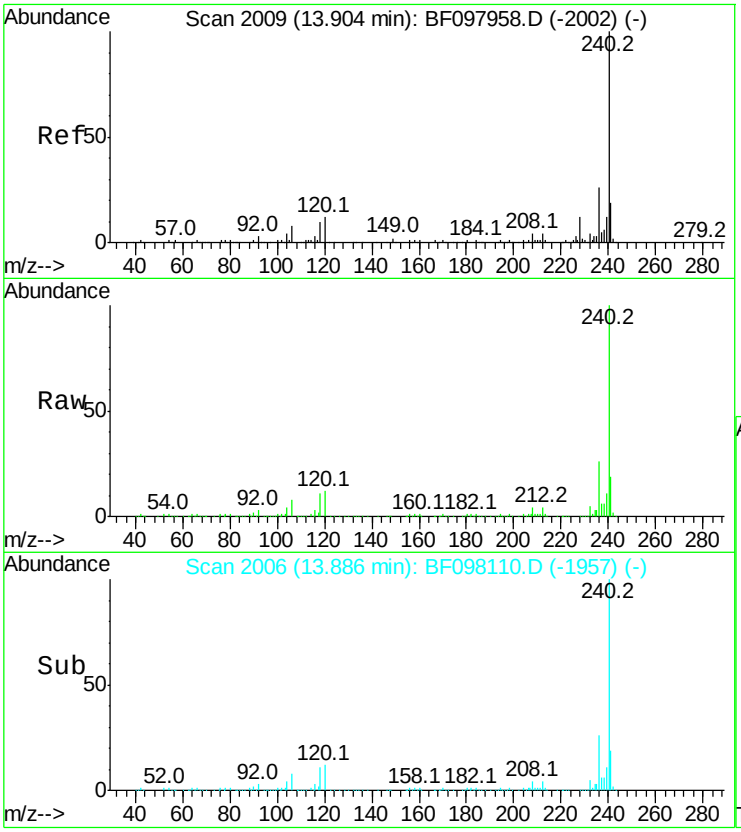


#66
4-Bromophenyl-phenylether
Concen: 3.711 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:248 Resp: 19564

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.8	115.2#
141	505.3	68.6	103.0#



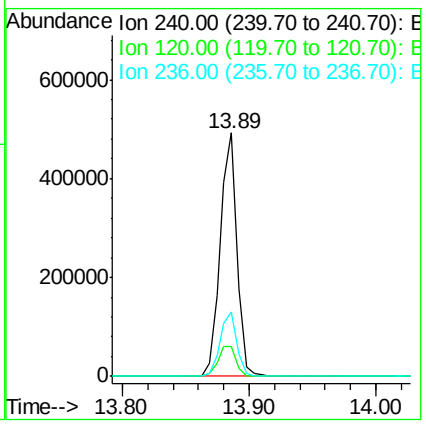


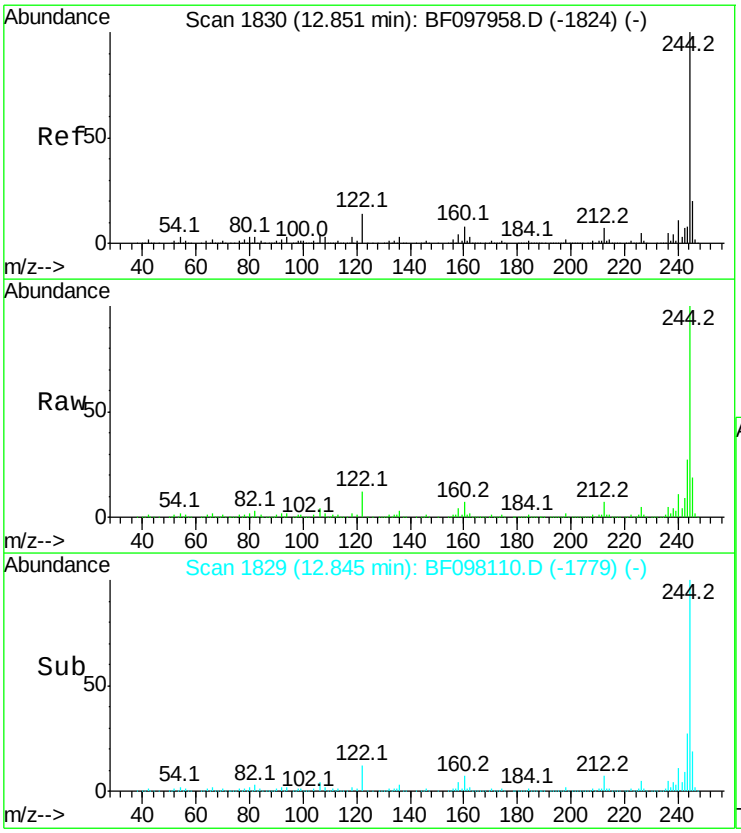
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 453788

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	26.4	20.5	30.7

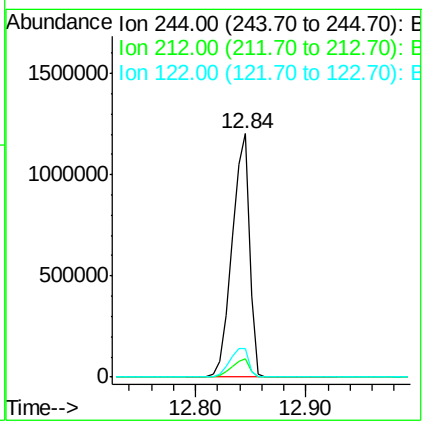


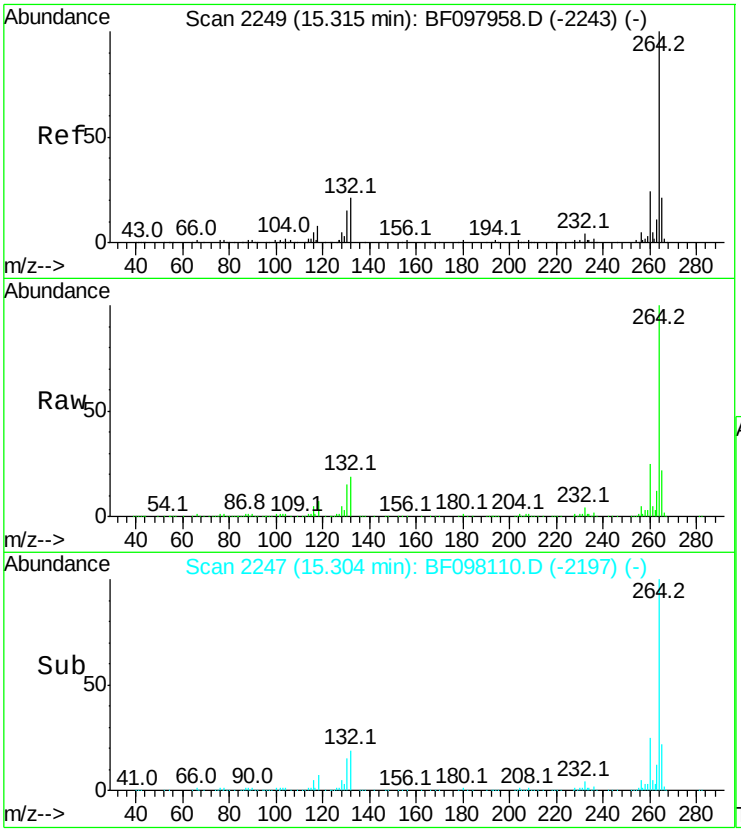


#78
Terphenyl-d14
Concen: 61.326 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:244 Resp: 1334518

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 333766

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.7	17.2	25.8