Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098142.D
Acq On : 30 Aug 2017 7:06
Operator : SJ/JU
Sample : I4988-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 07:49:56 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	124777	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	496522	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	200250	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	307504	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	252540	20.00	ng	-0.01
86) Perylene-d12	15.30	264	207446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	870419	106.11	ng	0.00
7) Phenol-d6	6.37	99	1080992	96.99	ng	-0.01
23) Nitrobenzene-d5	7.30	82	781548	85.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	170196	97.95	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1126478	82.65	ng	-0.01
78) Terphenyl-d14	12.84	244	709142	58.56	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	102690	13.459	ng	# 72
25) Isophorone	7.30	82	769016	40.464	ng	# 67
49) Dimethylphthalate	9.77	163	52310	3.574	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	26058	8.918	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	26058	7.107	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.55	198	308	8.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11348	3.554	ng	# 1

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

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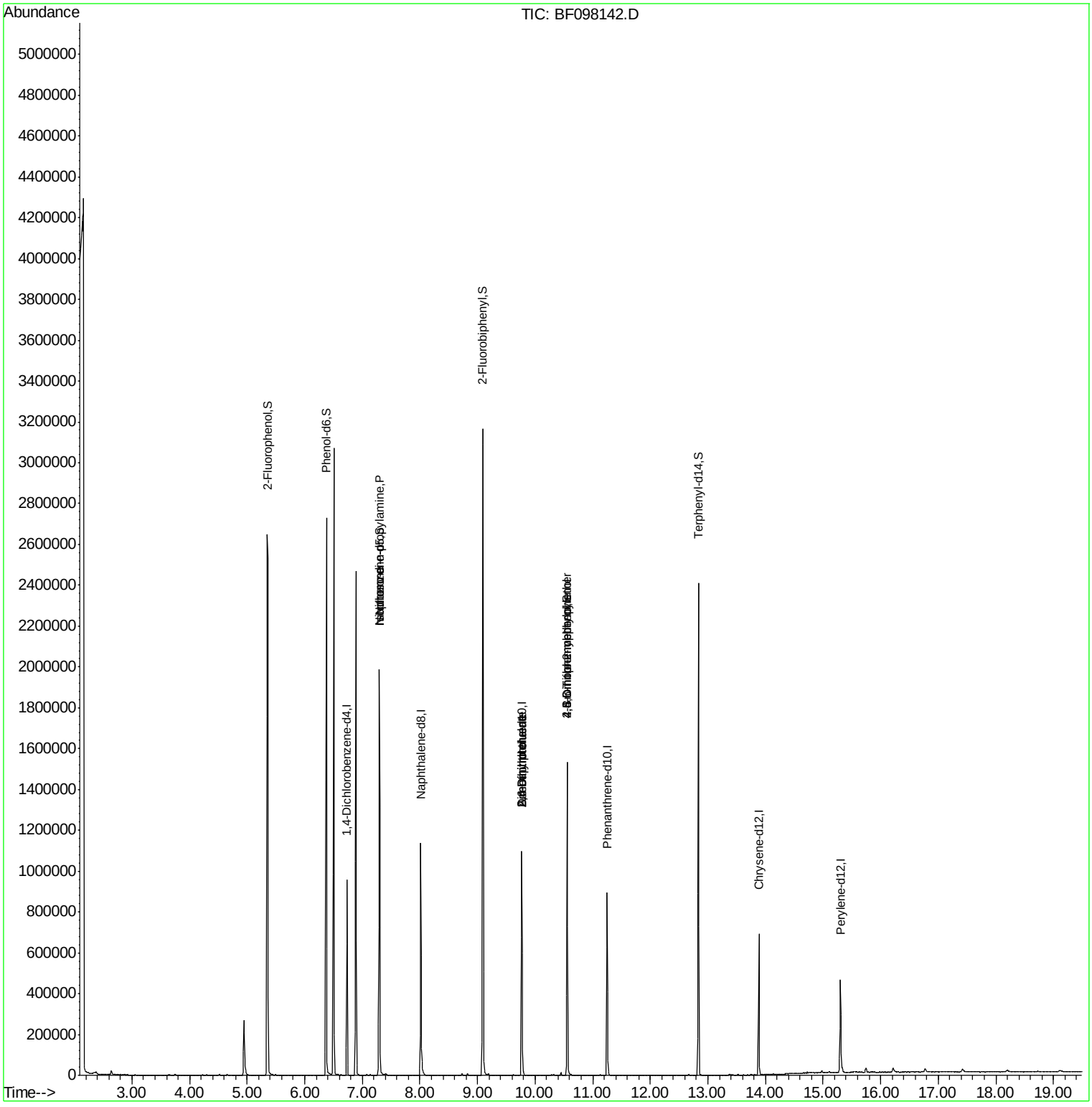
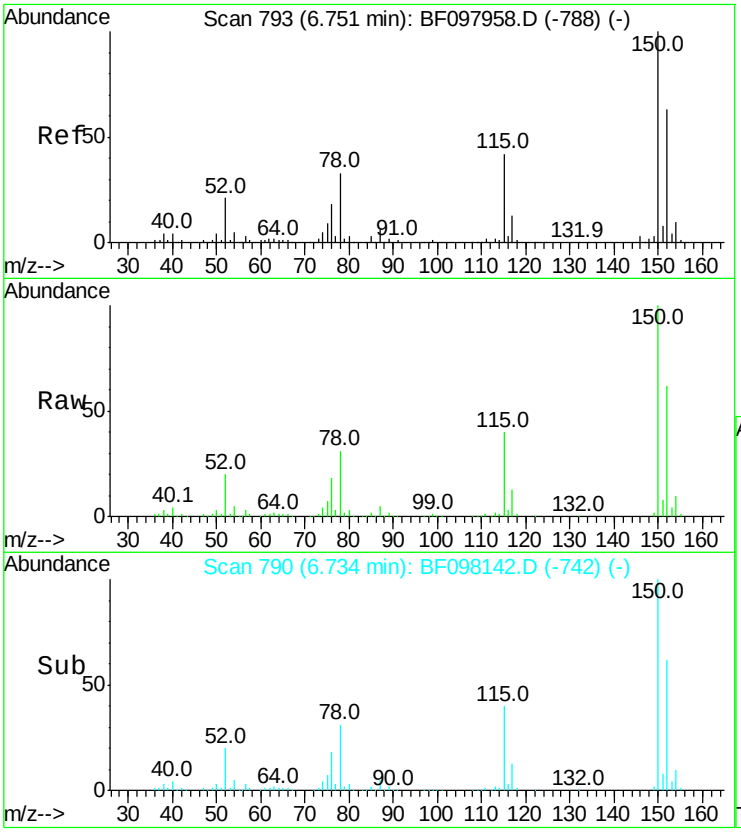


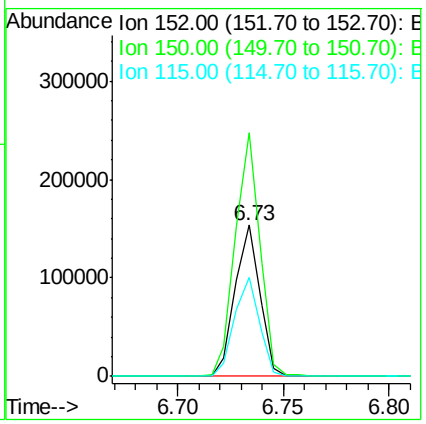


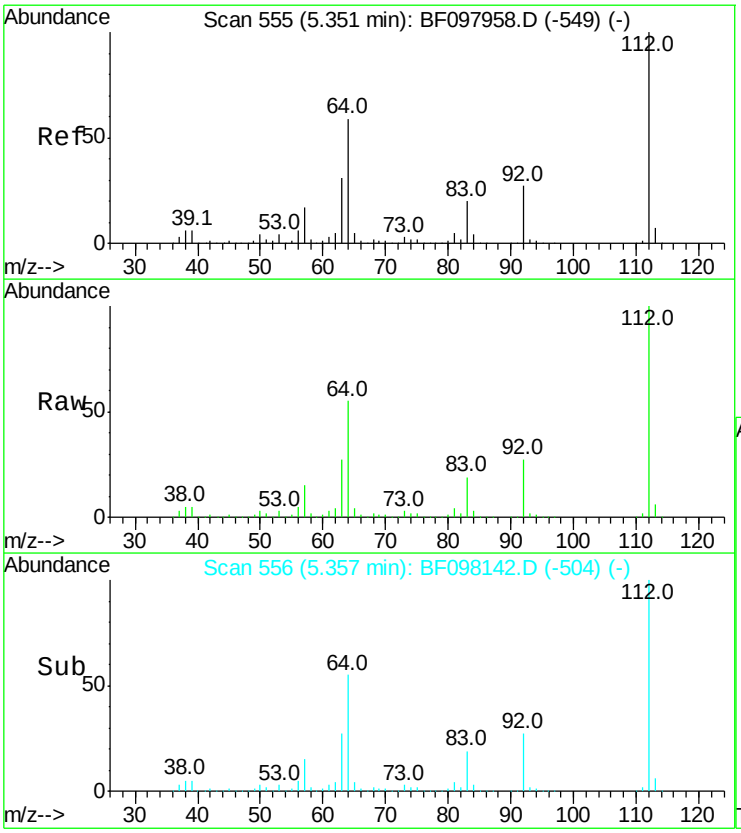
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124777

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	65.1	52.2	78.2

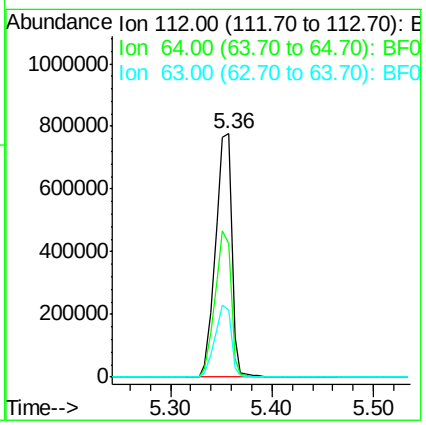


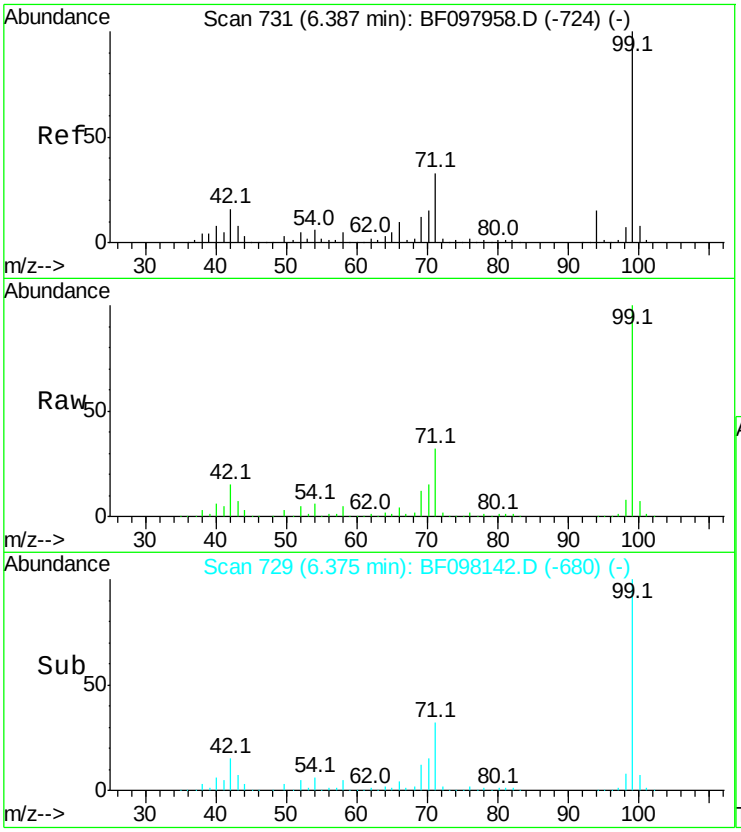


#5
2-Fluorophenol
Concen: 106.107 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:112 Resp: 870419

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.4	23.4	35.0



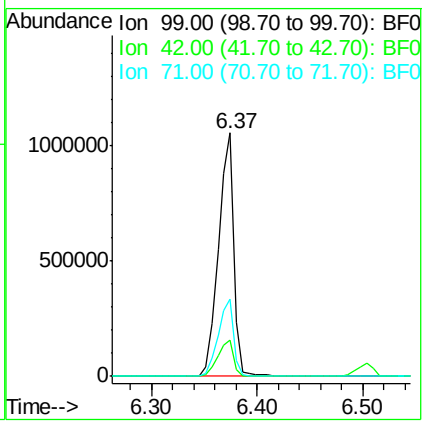


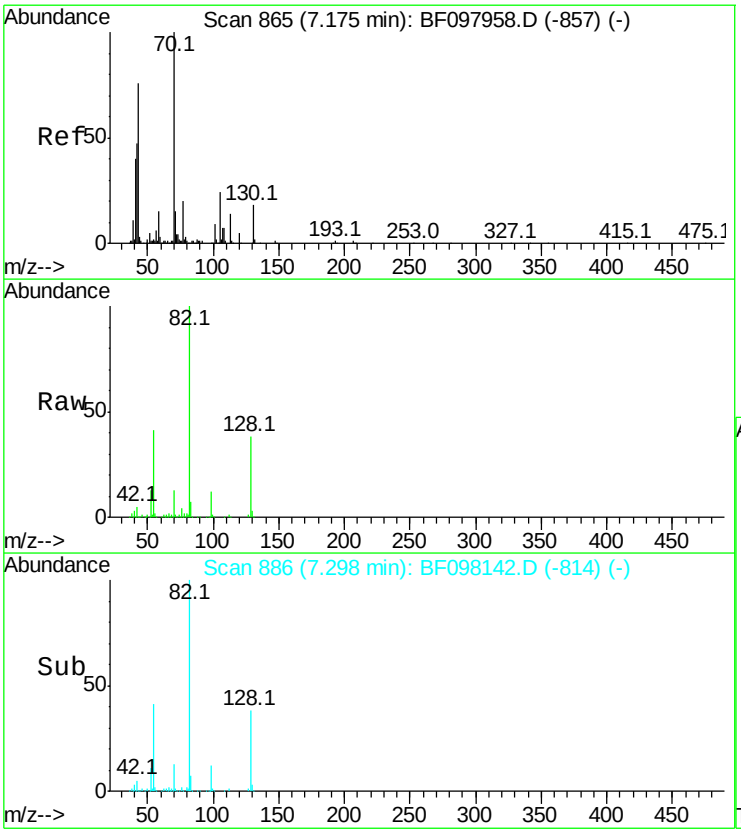
#7
Phenol-d6
Concen: 96.986 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1080992

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.8	24.5	36.7

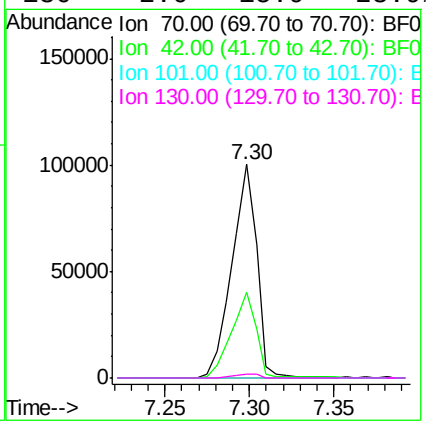


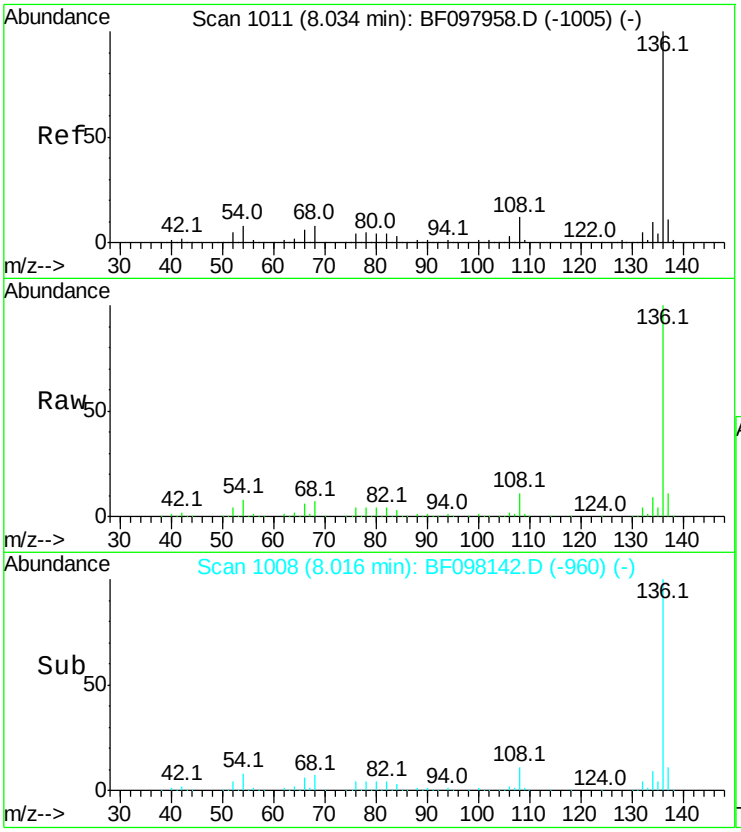


#19
n-Nitroso-di-n-propylamine
Concen: 13.459 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion: 70 Resp: 102690

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



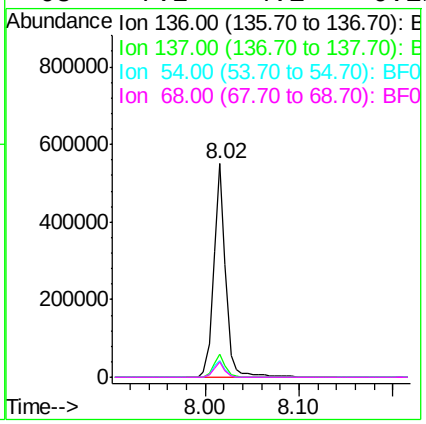


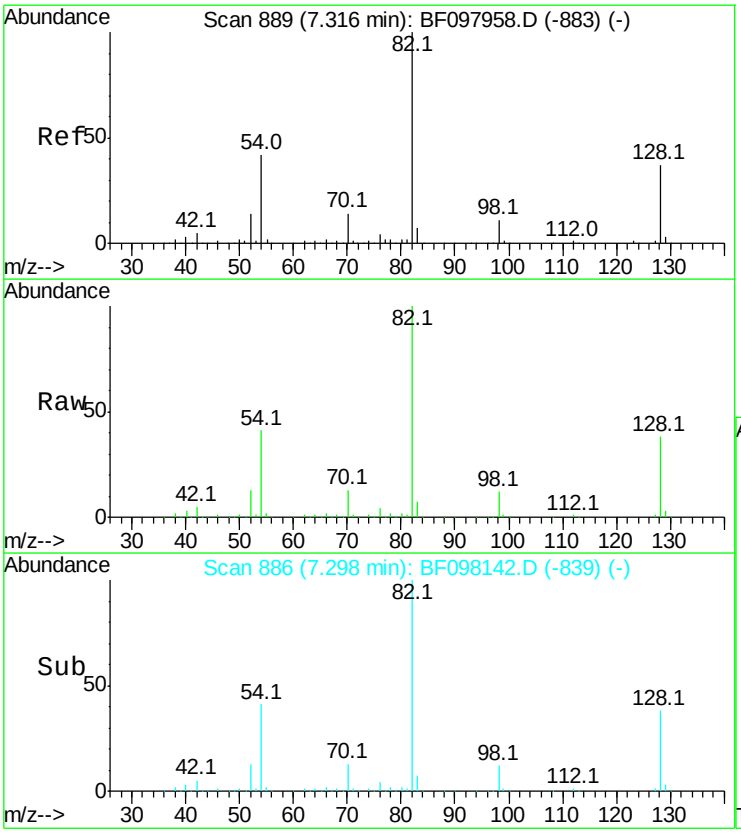
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 496522

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	7.2	4.1	6.1#

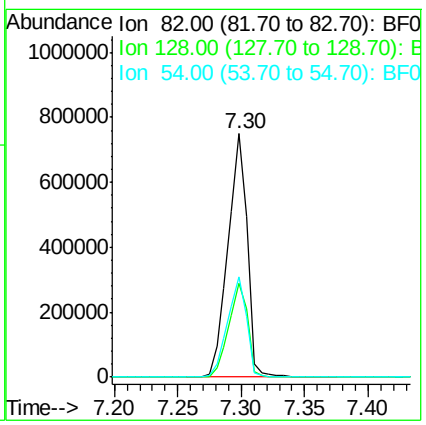


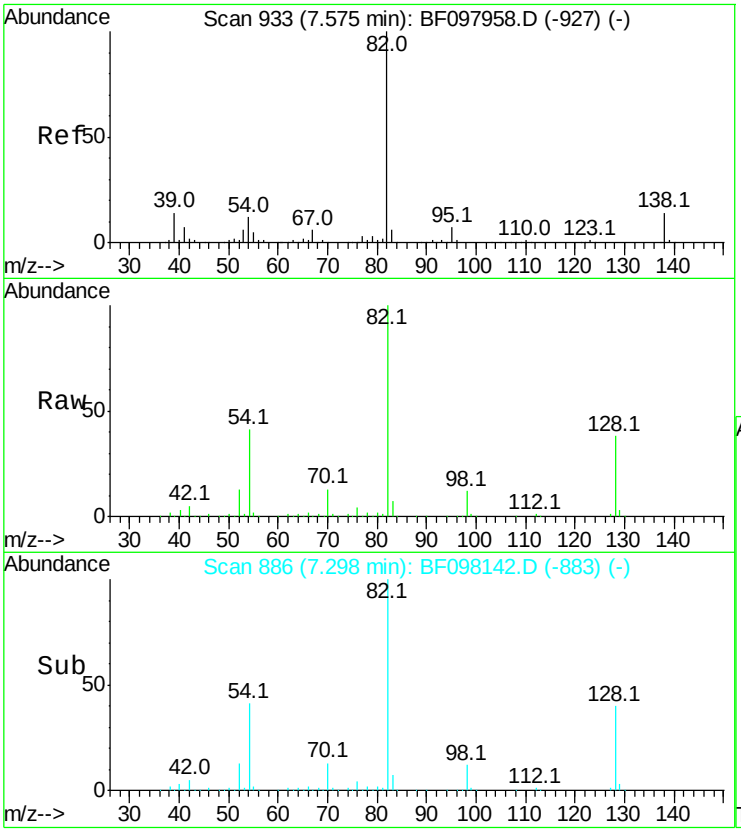


#23
Nitrobenzene-d5
Concen: 85.509 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion: 82 Resp: 781548

Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	41.3	42.2	63.2#



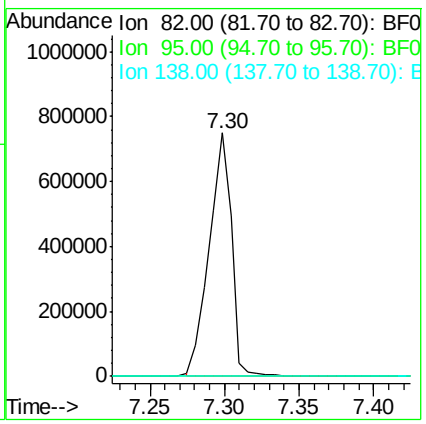


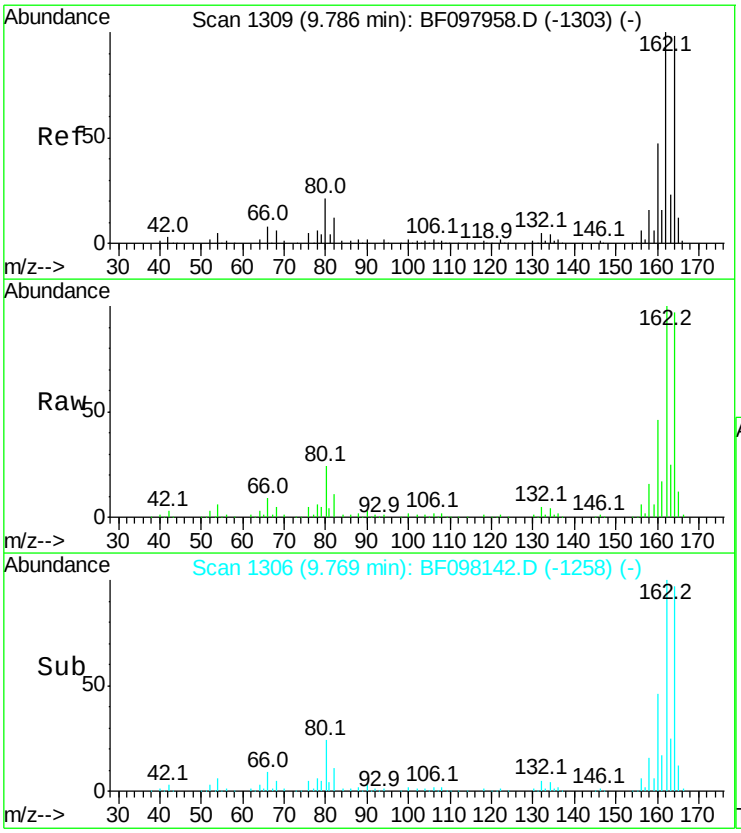
#25
Isophorone
Concen: 40.464 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 769016

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

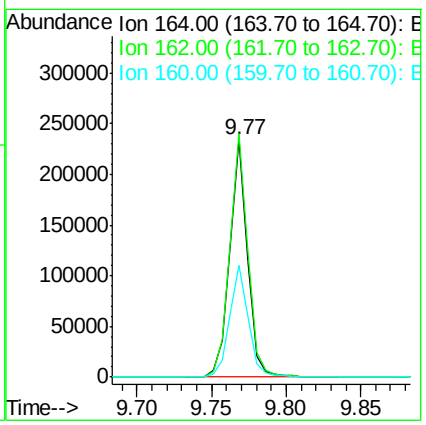


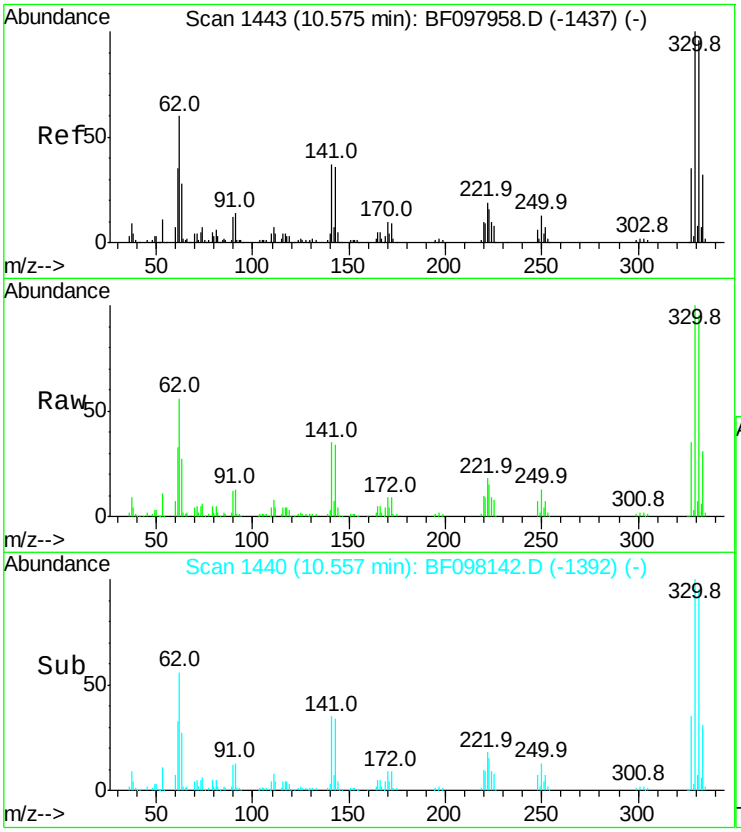


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:164 Resp: 200250

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	47.1	36.2	54.2



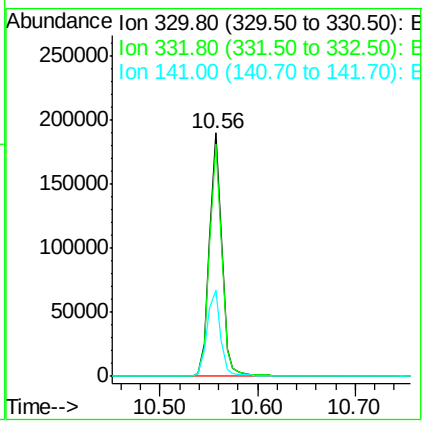


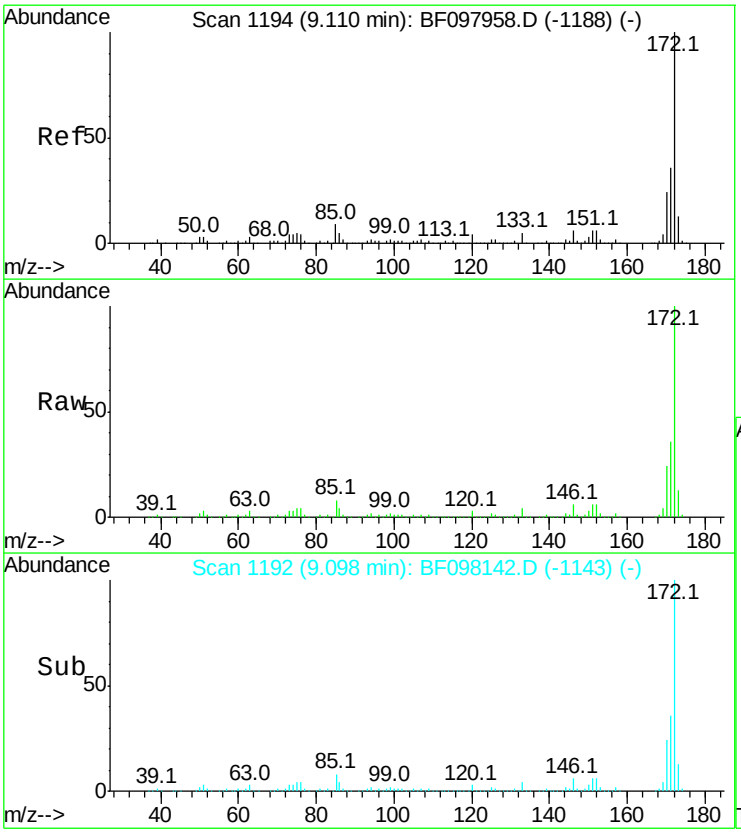
#41
2,4,6-Tribromophenol
Concen: 97.955 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 170196

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	38.0	31.4	47.2

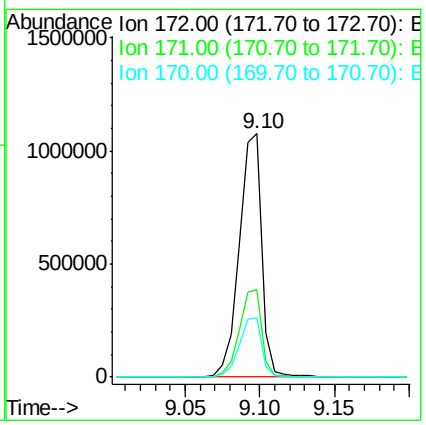


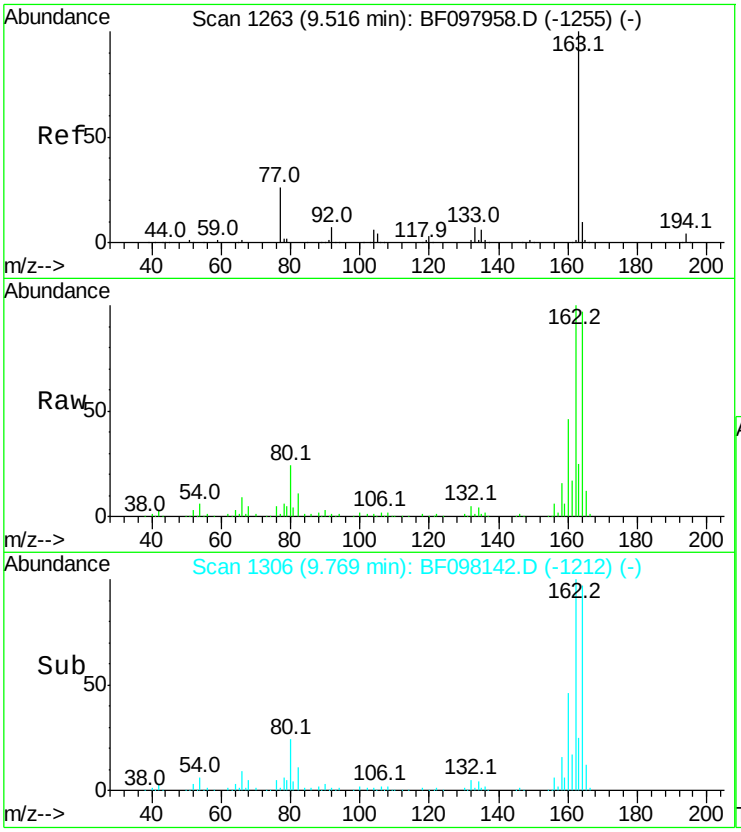


#44
2-Fluorobiphenyl
Concen: 82.648 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:172 Resp: 1126478

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	19.8	29.8



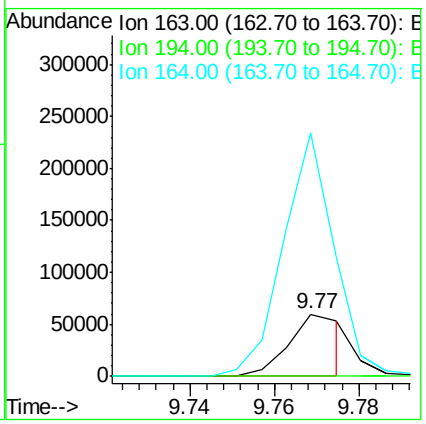


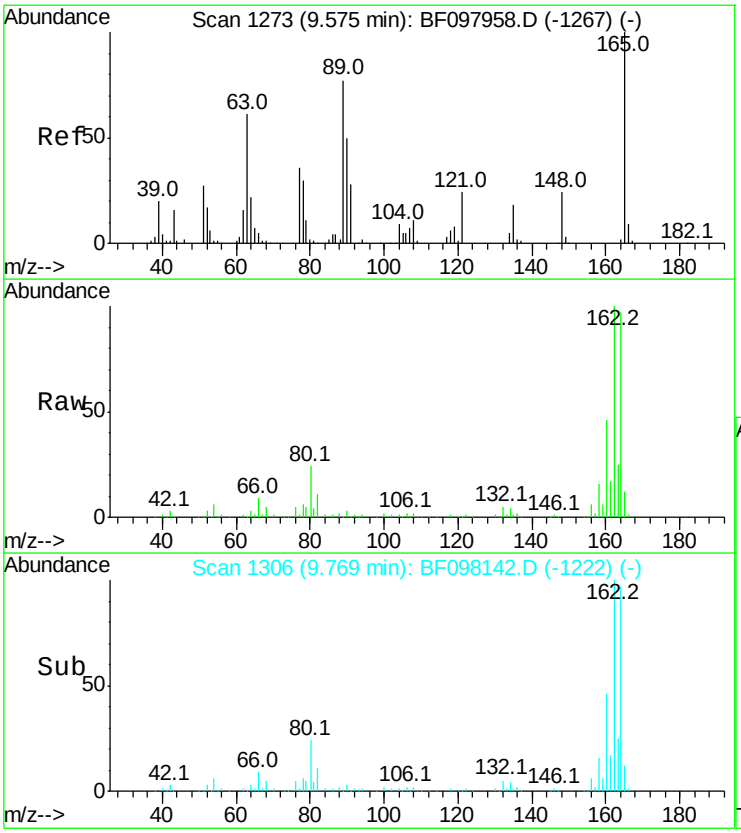
#49
Dimethylphthalate
Concen: 3.574 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.25 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 52310

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	392.3	8.4	12.6#

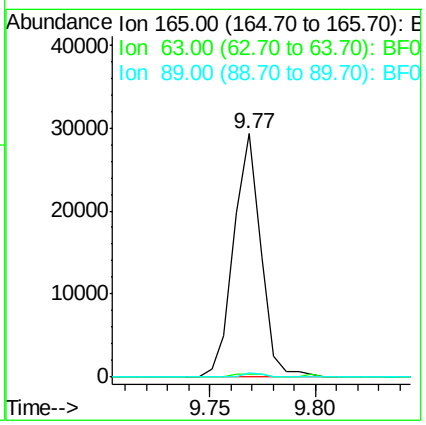


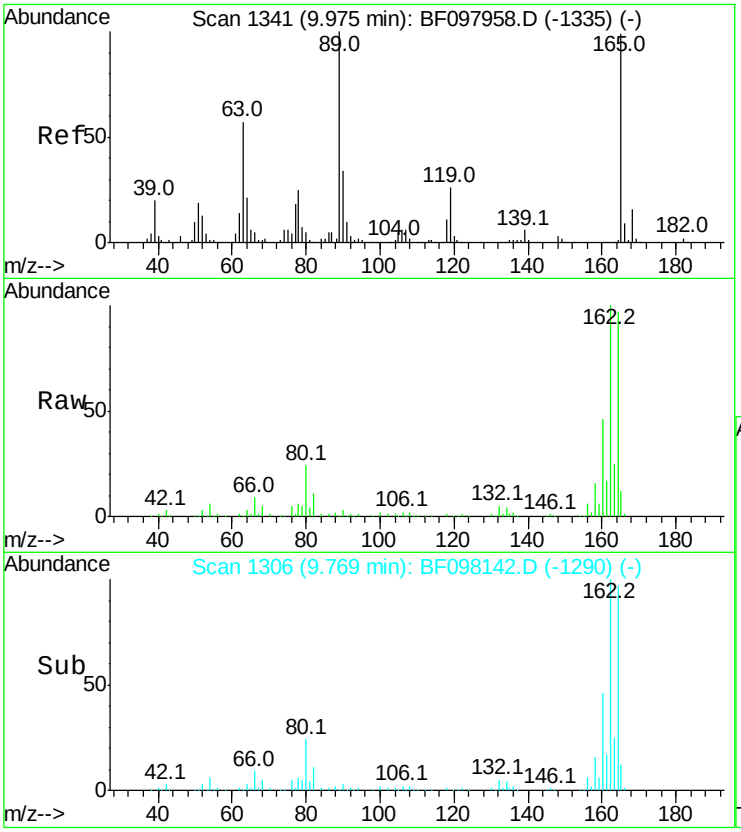


#50
2,6-Dinitrotoluene
Concen: 8.918 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:165 Resp: 26058

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	2.0	37.1	55.7#



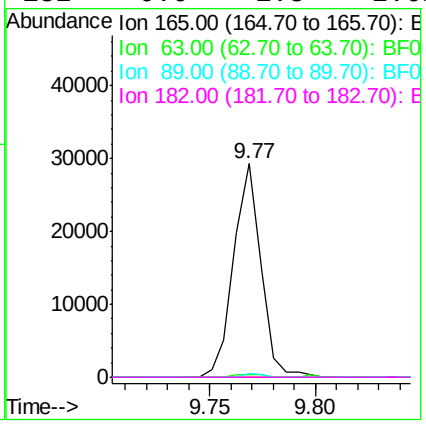


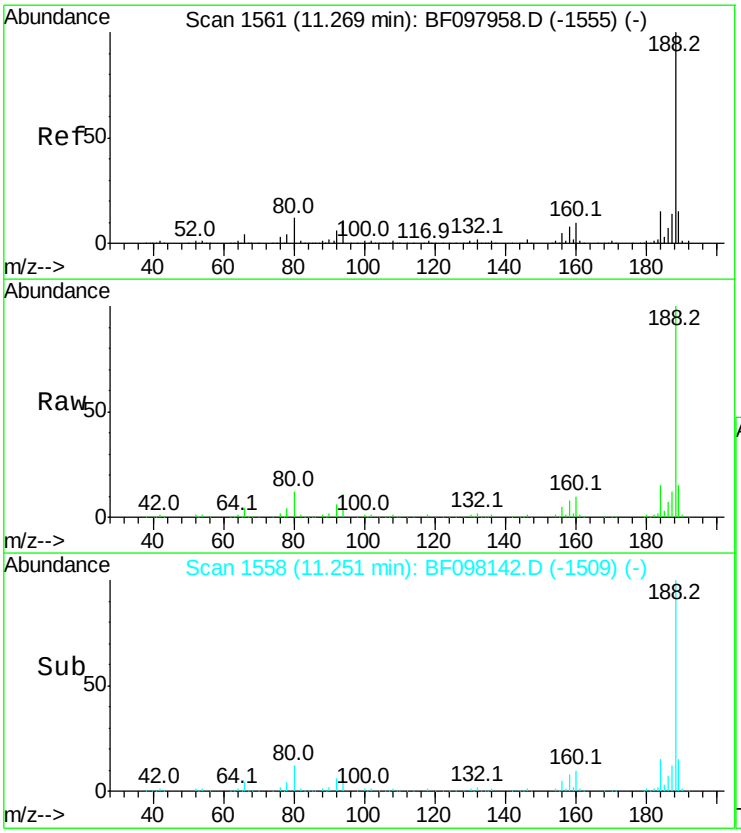
#56
2,4-Dinitrotoluene
Concen: 7.107 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26058

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

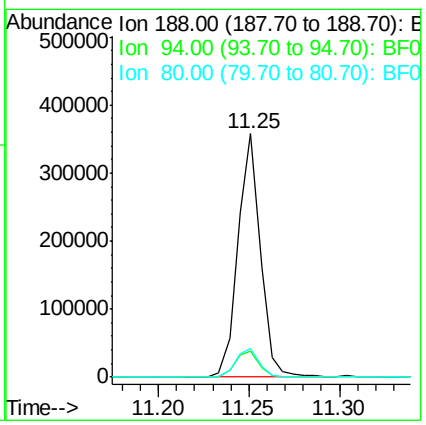


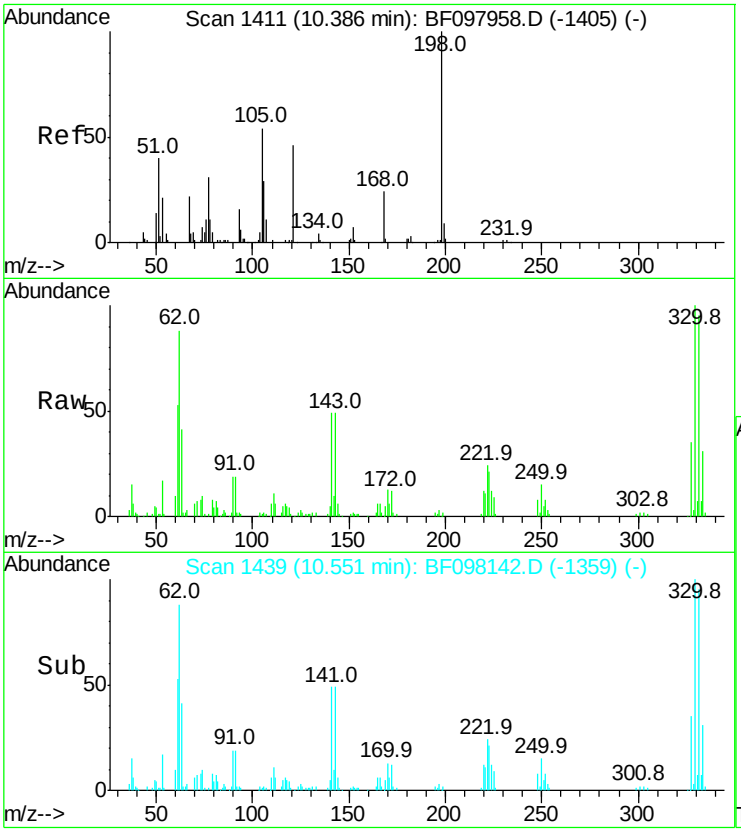


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:188 Resp: 307504

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.7	10.2	15.2



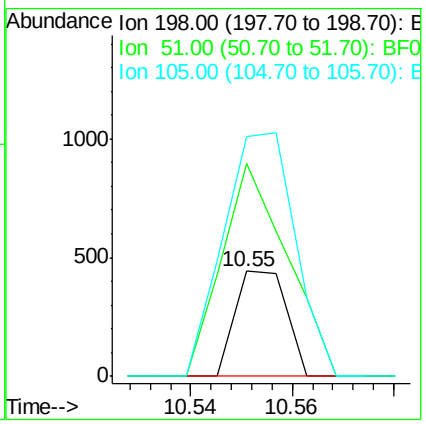


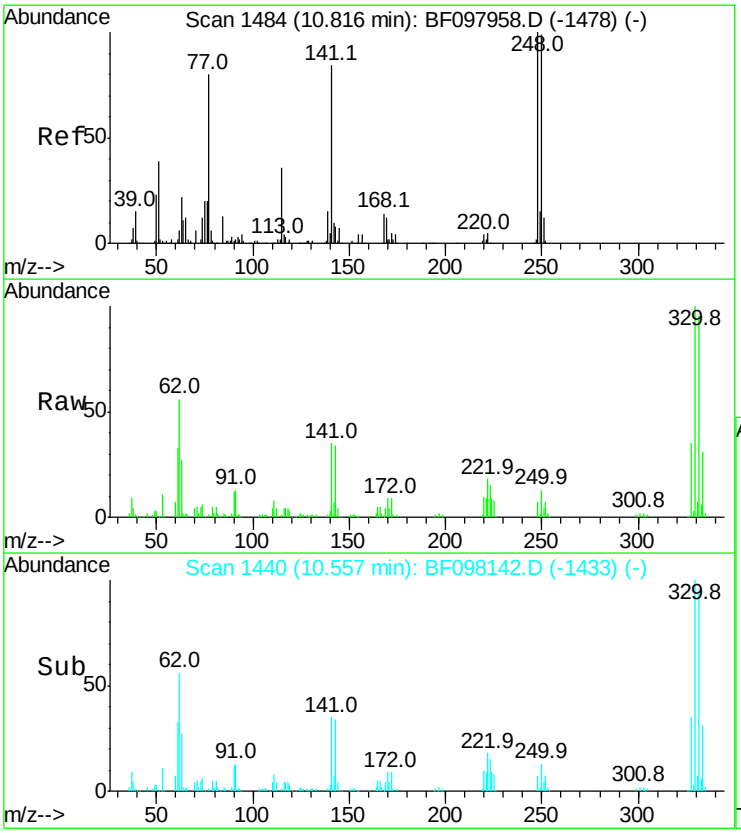
#64
4,6-Dinitro-2-methylphenol
Concen: 8.496 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.17 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 308

Ion	Ratio	Lower	Upper
198	100		
51	202.3	53.2	93.2#
105	228.1	45.8	85.8#

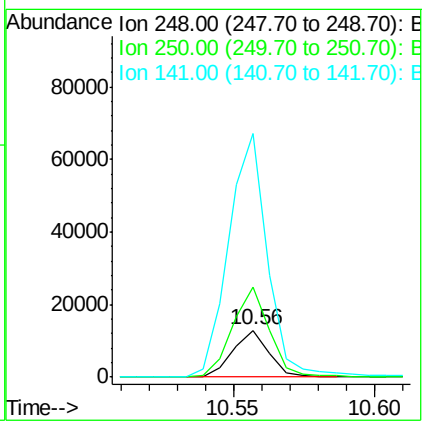


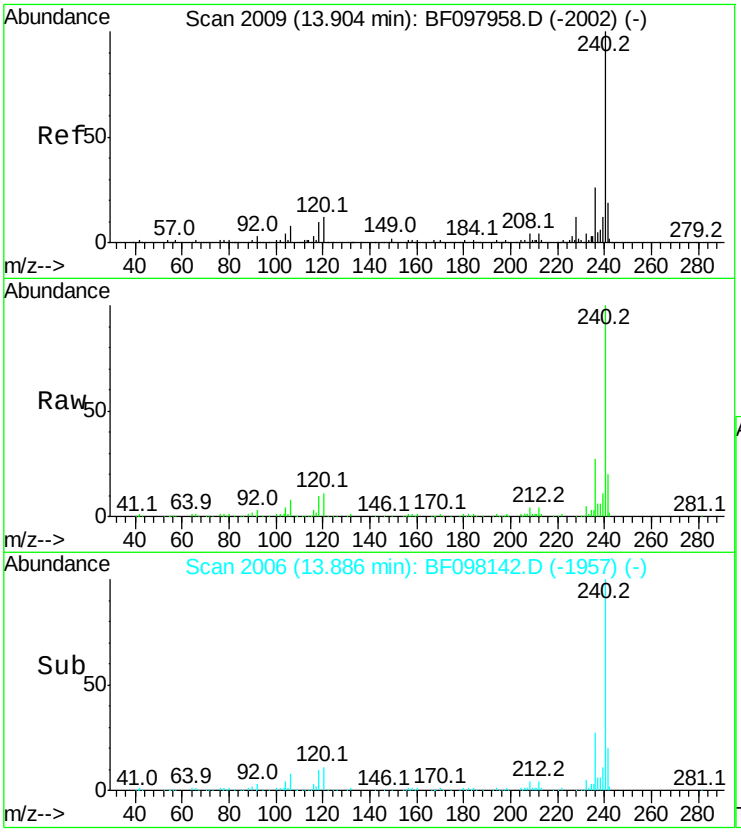


#66
4-Bromophenyl-phenylether
Concen: 3.554 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:248 Resp: 11348

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.8	115.2#
141	521.3	68.6	103.0#



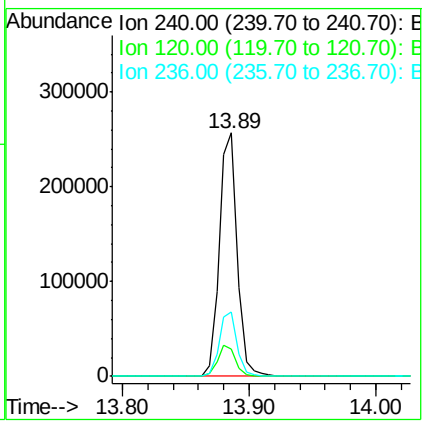


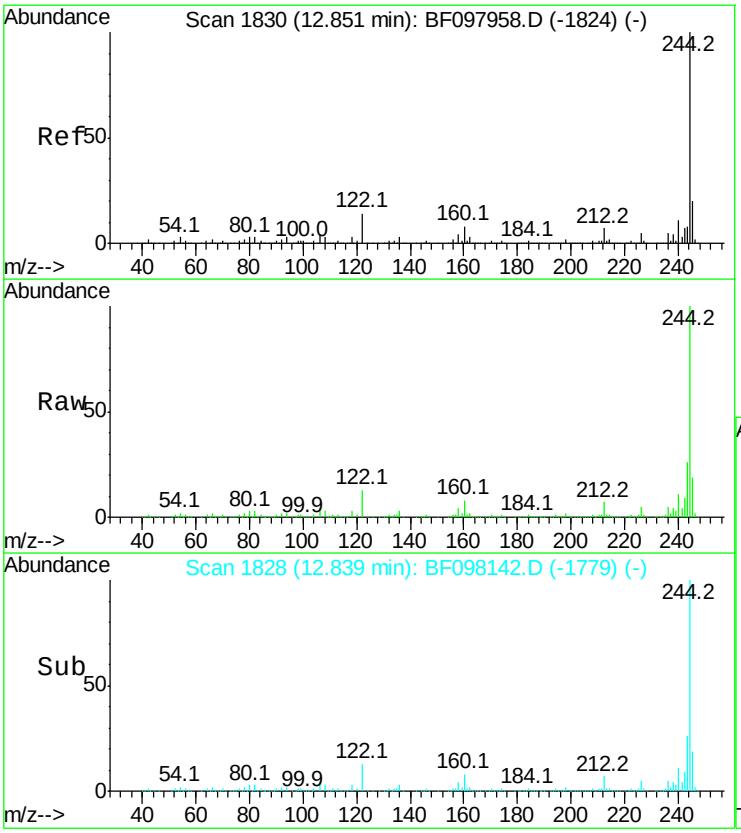
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 252540

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.8	8.8#
236	26.6	20.5	30.7

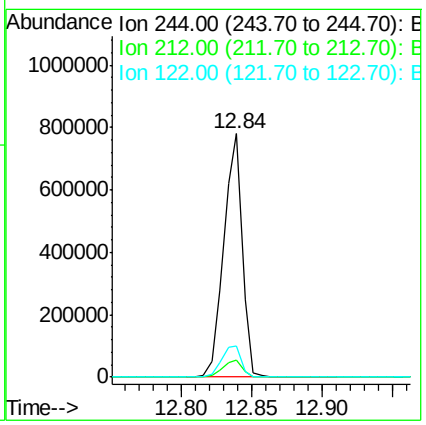


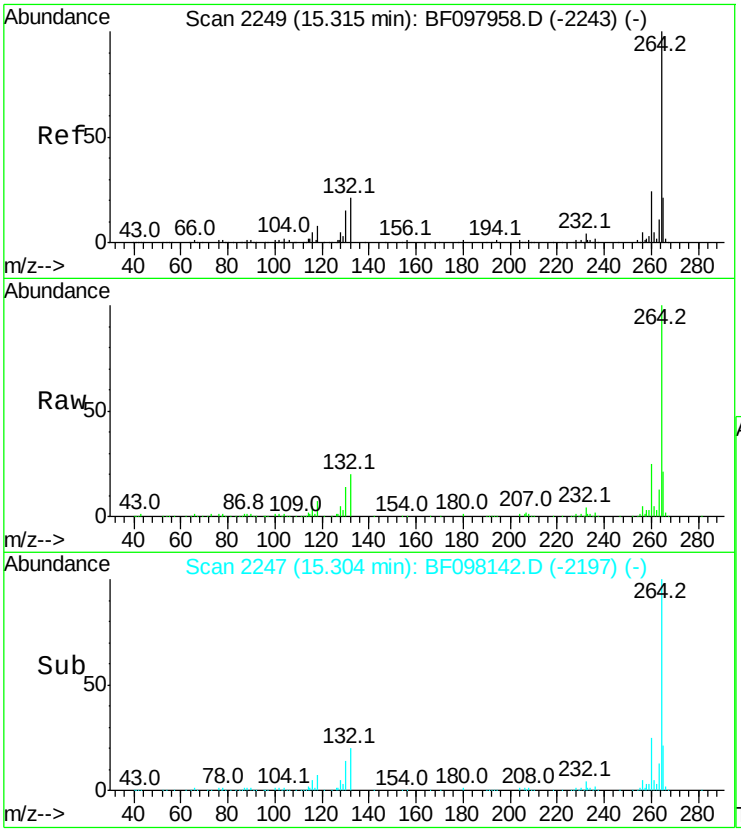


#78
Terphenyl-d14
Concen: 58.557 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098142.D
Acq: 30 Aug 2017 7:06

Tgt Ion:244 Resp: 709142

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.0	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: BF098142.D
Acq: 30 Aug 2017 7:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 207446

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.7	17.2	25.8