Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098203.D
Acq On : 31 Aug 2017 19:16
Operator : SJ/JU
Sample : PB101916BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 01:52:13 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	113342	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	461602	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	220140	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	453323	20.00	ng	-0.03
75) Chrysene-d12	13.86	240	367347	20.00	ng	-0.04
86) Perylene-d12	15.28	264	268573	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	933081	125.22	ng	-0.02
7) Phenol-d6	6.36	99	1261372	124.59	ng	-0.03
23) Nitrobenzene-d5	7.28	82	781153	91.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	275822	144.40	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1210774	80.81	ng	-0.03
78) Terphenyl-d14	12.82	244	1194964	67.84	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	104071	15.016	ng	# 71
25) Isophorone	7.28	82	746732	42.263	ng	# 67
49) Dimethylphthalate	9.75	163	58391	3.629	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	27168	8.458	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	27168	6.740	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	474	8.504	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	17919	3.806	ng	# 1

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

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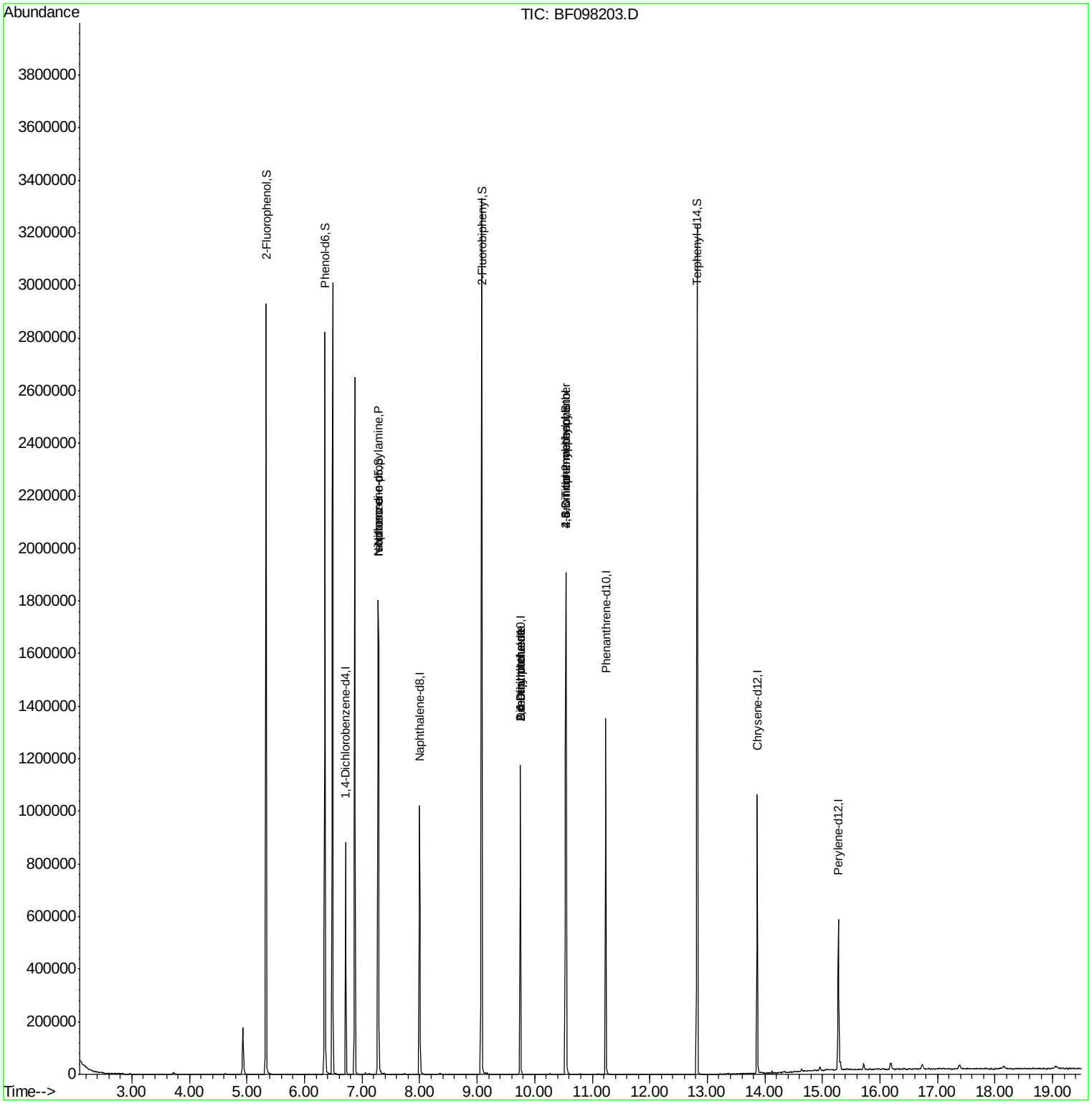
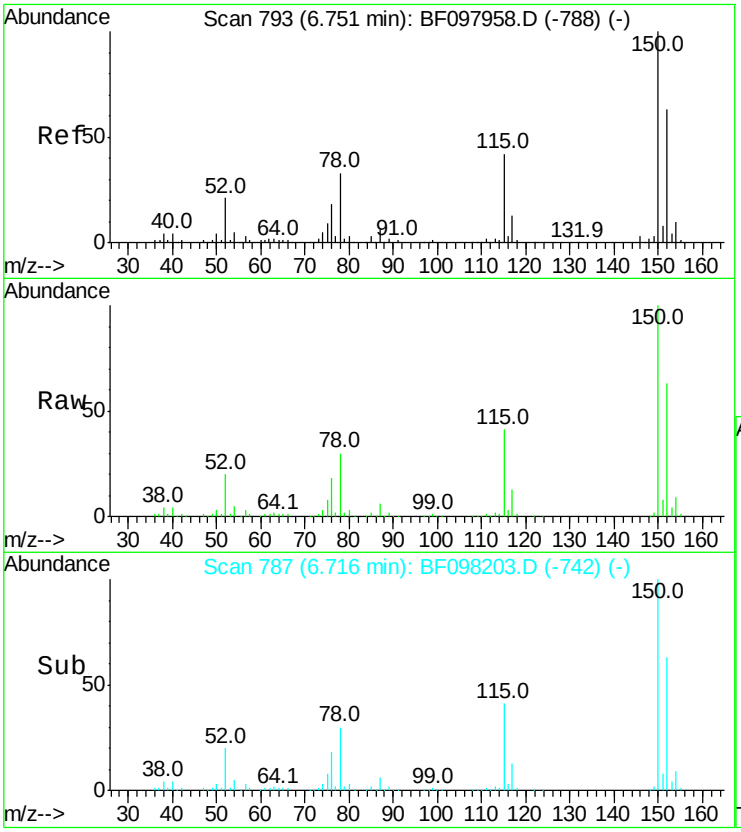


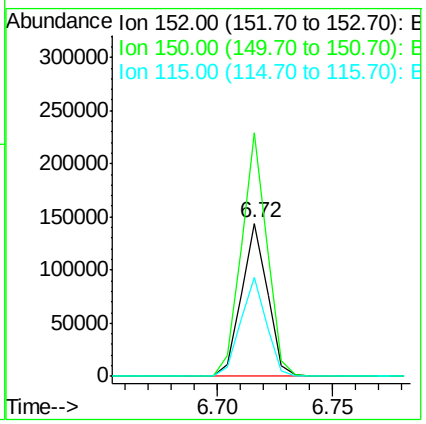


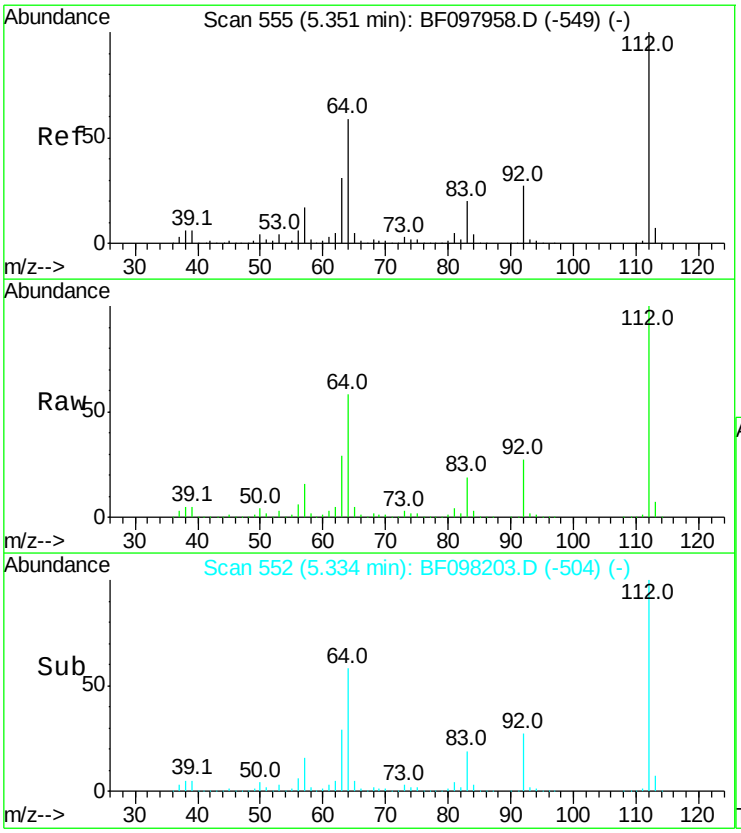
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113342

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	64.4	52.2	78.2

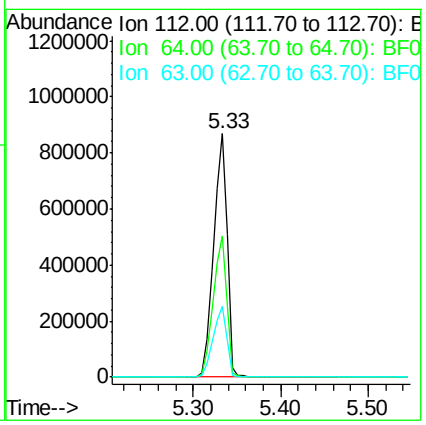


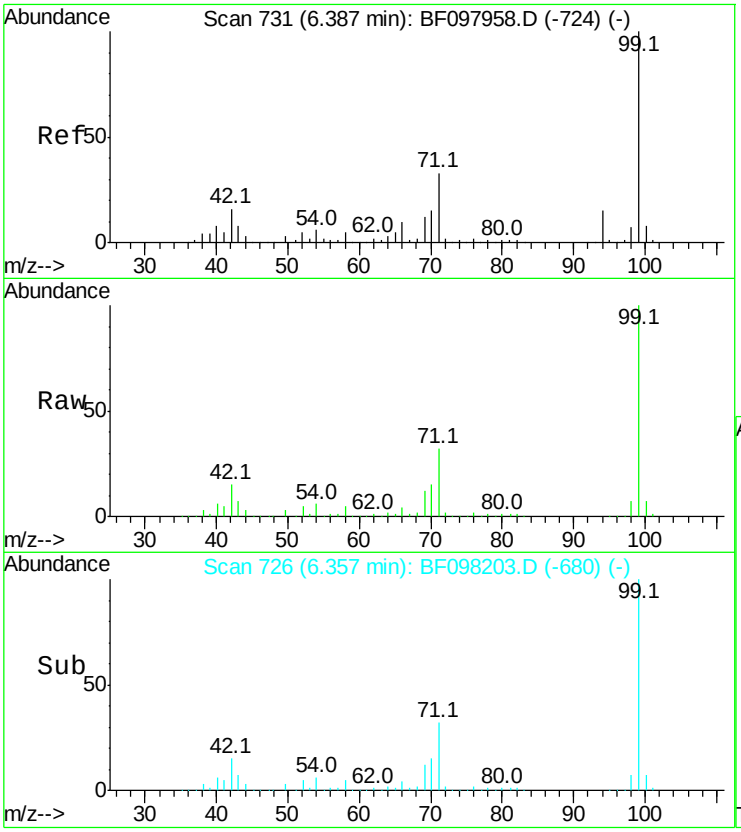


#5
2-Fluorophenol
Concen: 125.221 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:112 Resp: 933081

Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	29.0	23.4	35.0



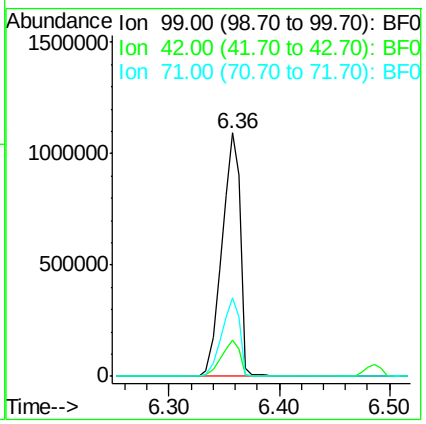


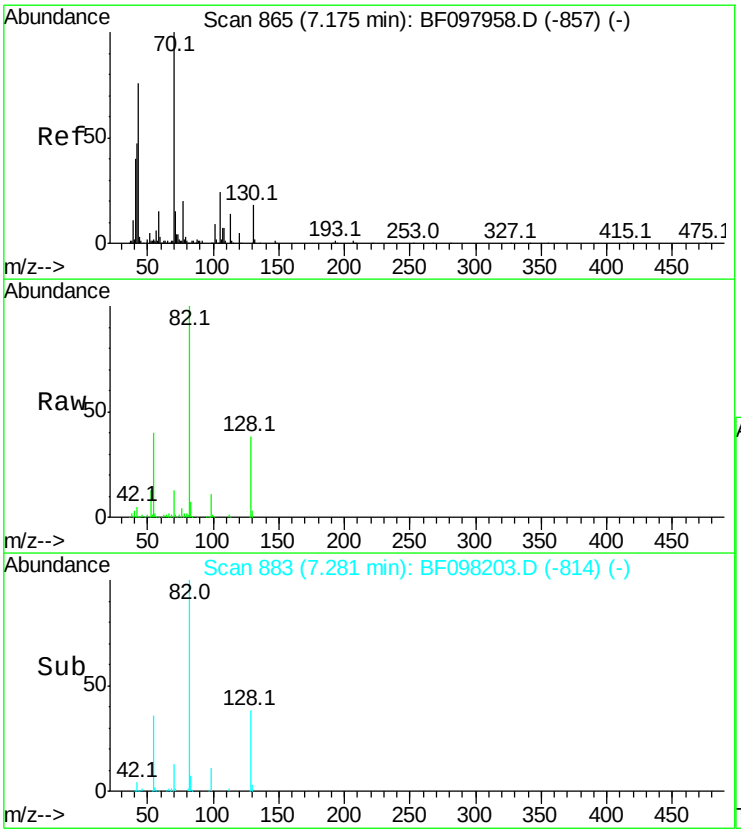
#7
Phenol-d6
Concen: 124.588 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1261372

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.5	20.3
71	32.5	24.5	36.7

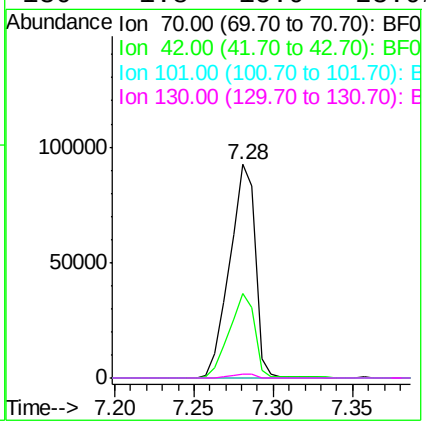


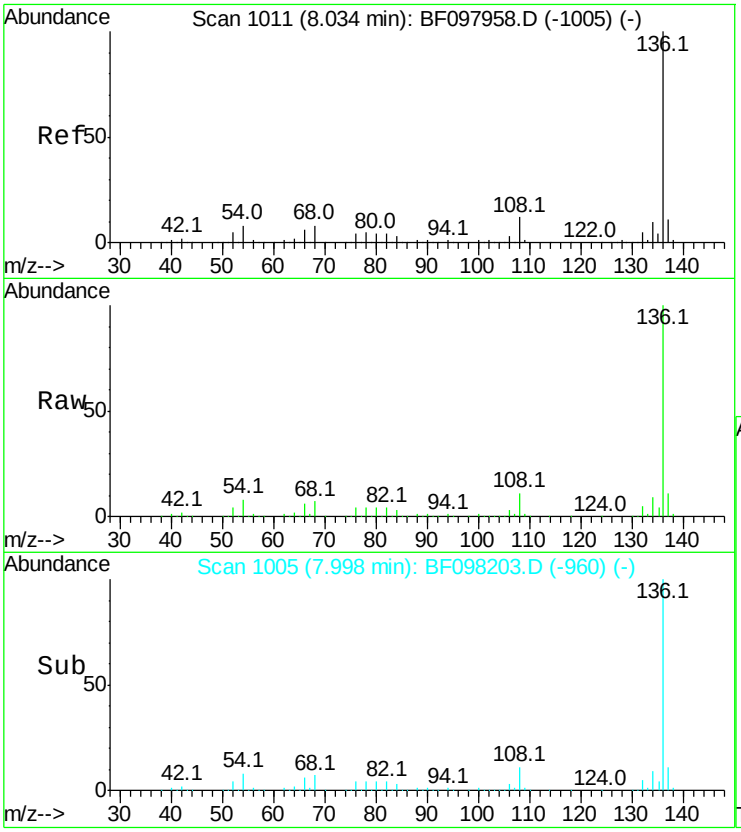


#19
n-Nitroso-di-n-propylamine
Concen: 15.016 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion: 70 Resp: 104071

Ion	Ratio	Lower	Upper
70	100		
42	39.6	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



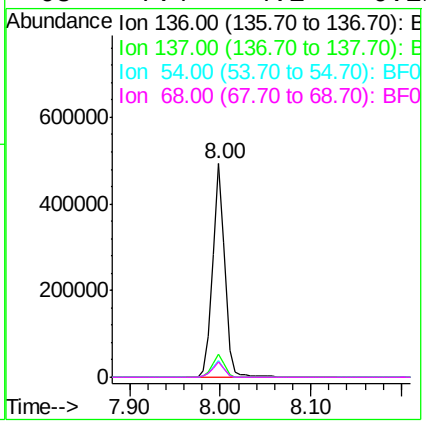


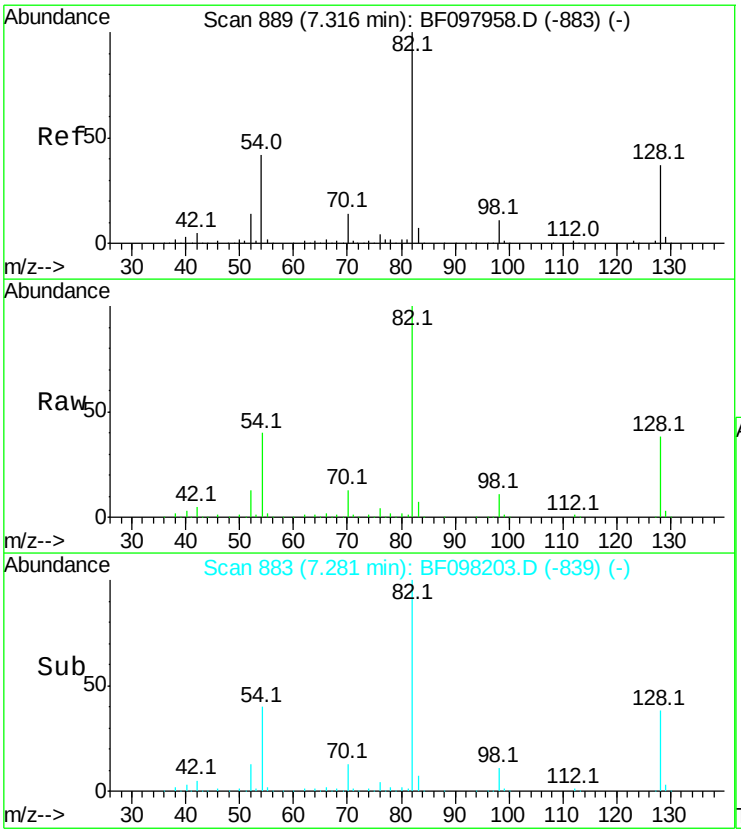
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 461602

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.8	4.9	7.3#
68	7.4	4.1	6.1#

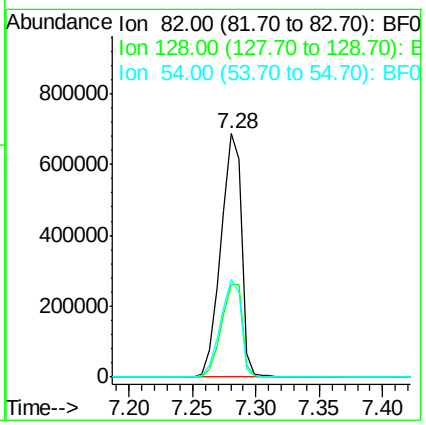


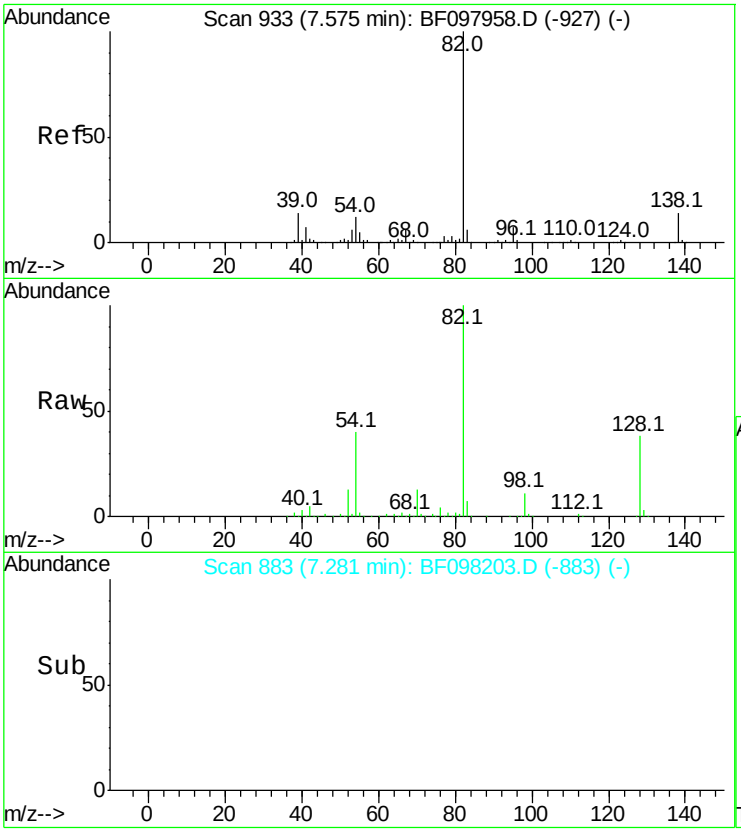


#23
Nitrobenzene-d5
Concen: 91.932 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion: 82 Resp: 781153

Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.0	51.0
54	40.2	42.2	63.2#



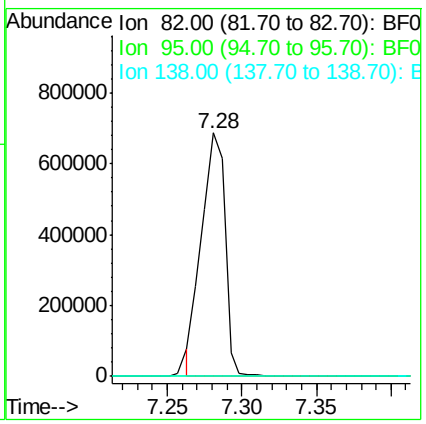


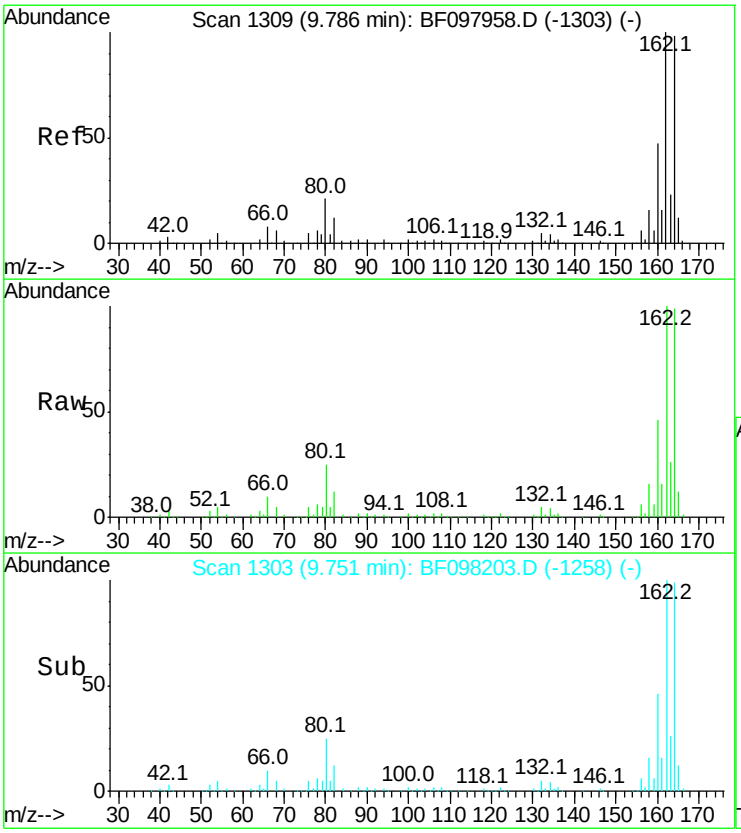
#25
Isophorone
Concen: 42.263 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.30 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 746732

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

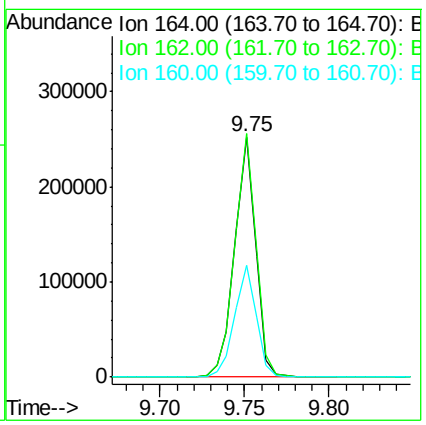


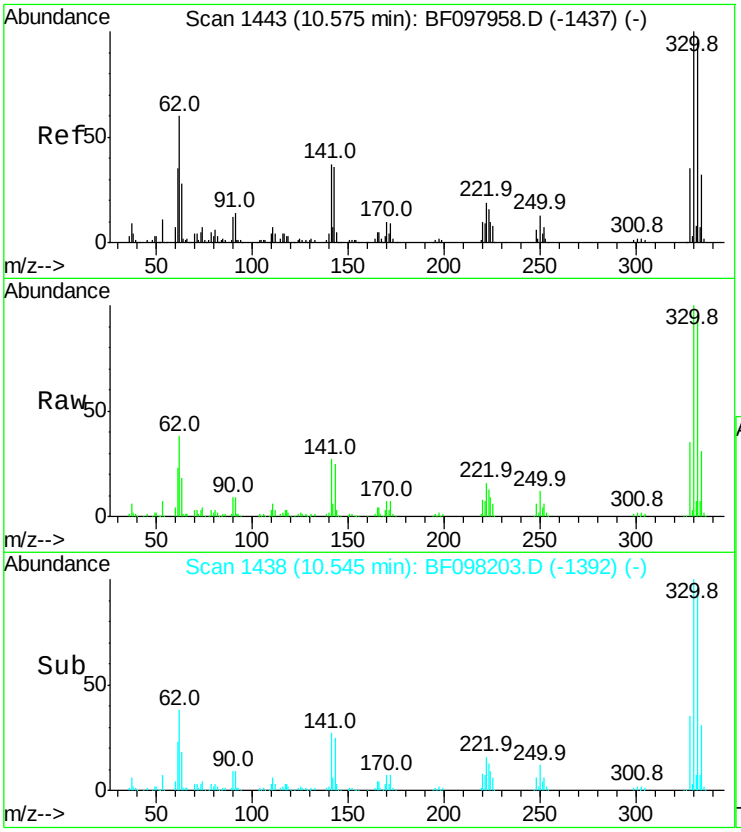


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:164 Resp: 220140

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	46.7	36.2	54.2



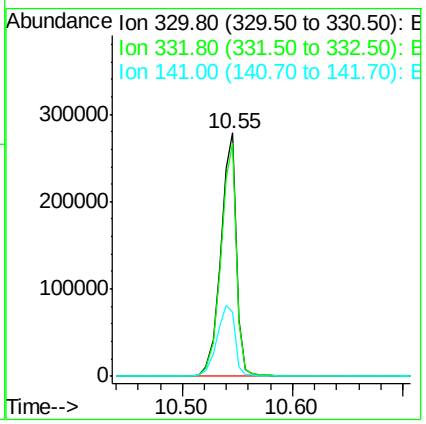


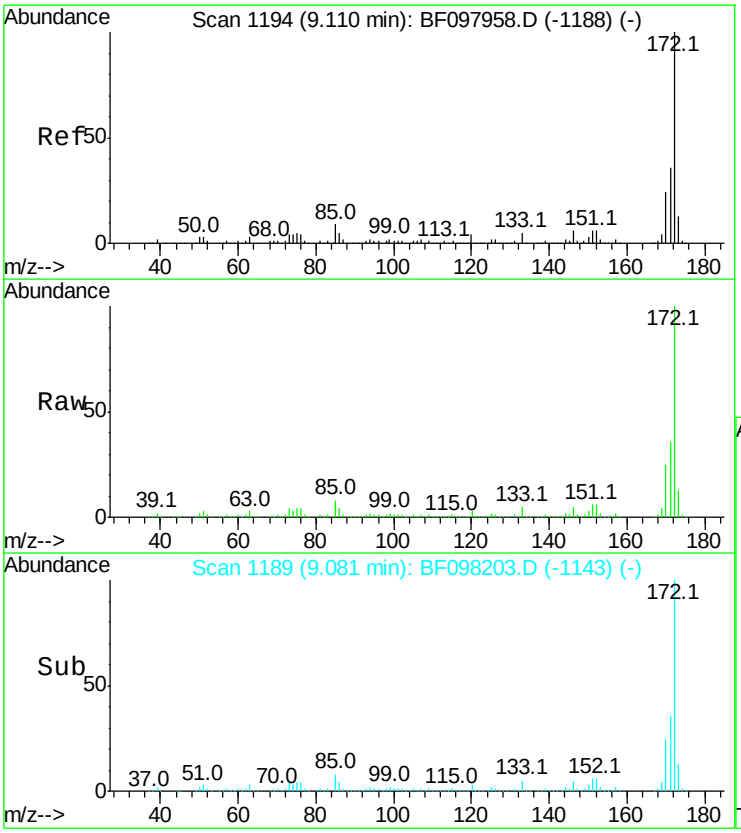
#41
2,4,6-Tribromophenol
Concen: 144.404 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 275822

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	33.8	31.4	47.2

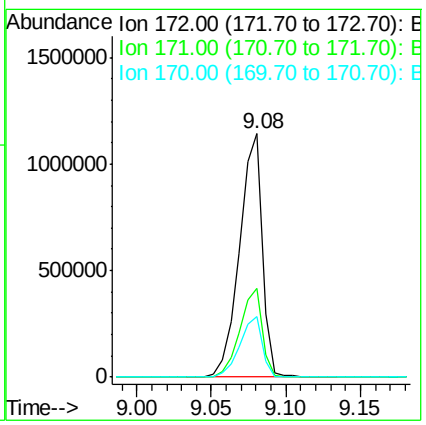


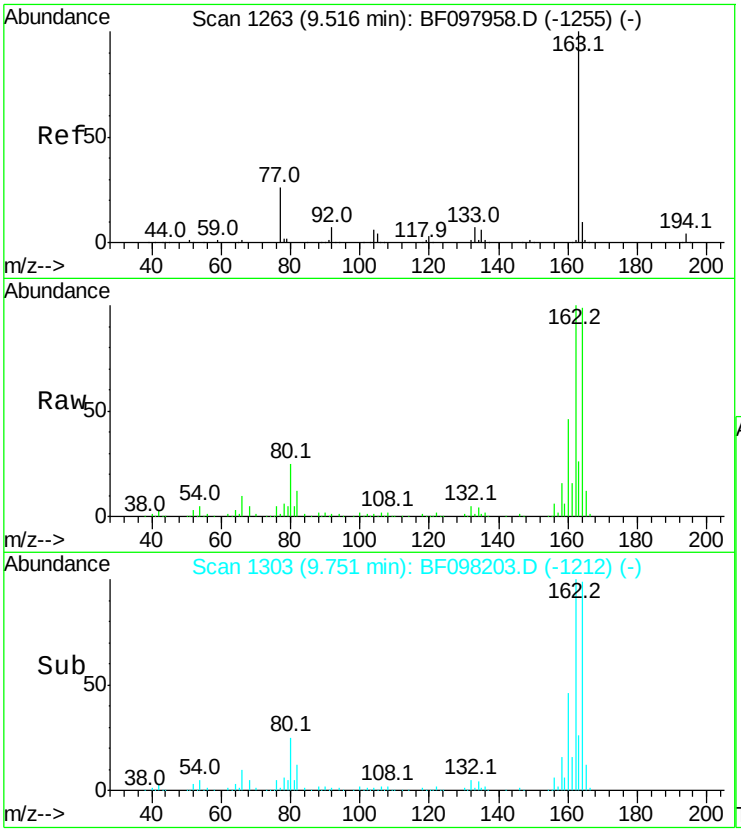


#44
2-Fluorobiphenyl
Concen: 80.807 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:172 Resp: 1210774

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.0	19.8	29.8



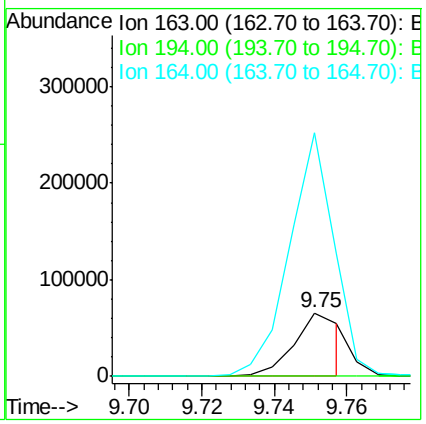


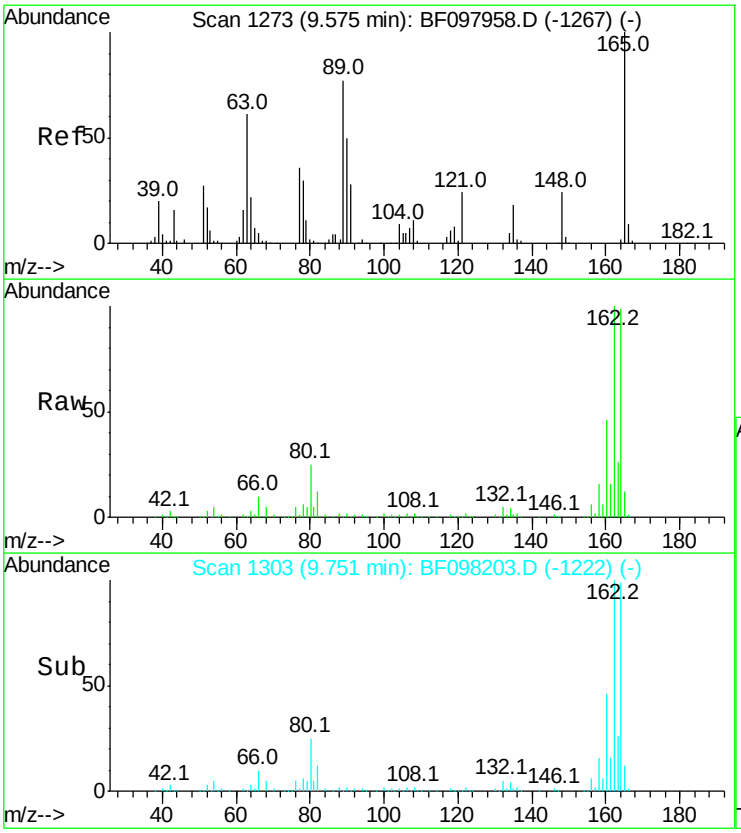
#49
Dimethylphthalate
Concen: 3.629 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.24 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 58391

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	384.1	8.4	12.6#

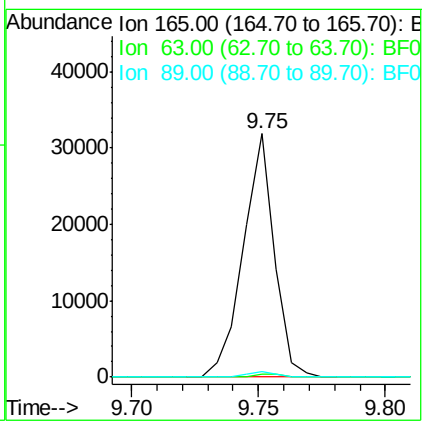


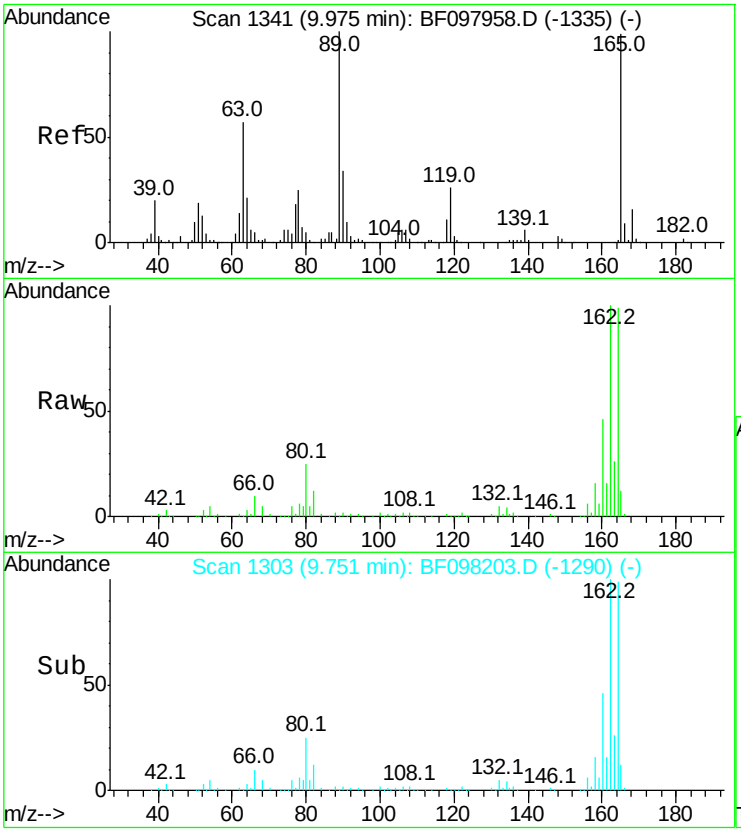


#50
2,6-Dinitrotoluene
Concen: 8.458 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.18 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:165 Resp: 27168

Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	2.1	37.1	55.7#



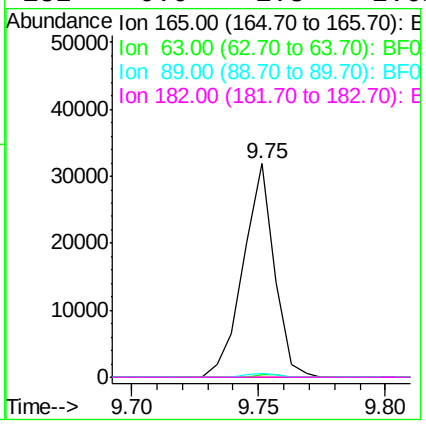


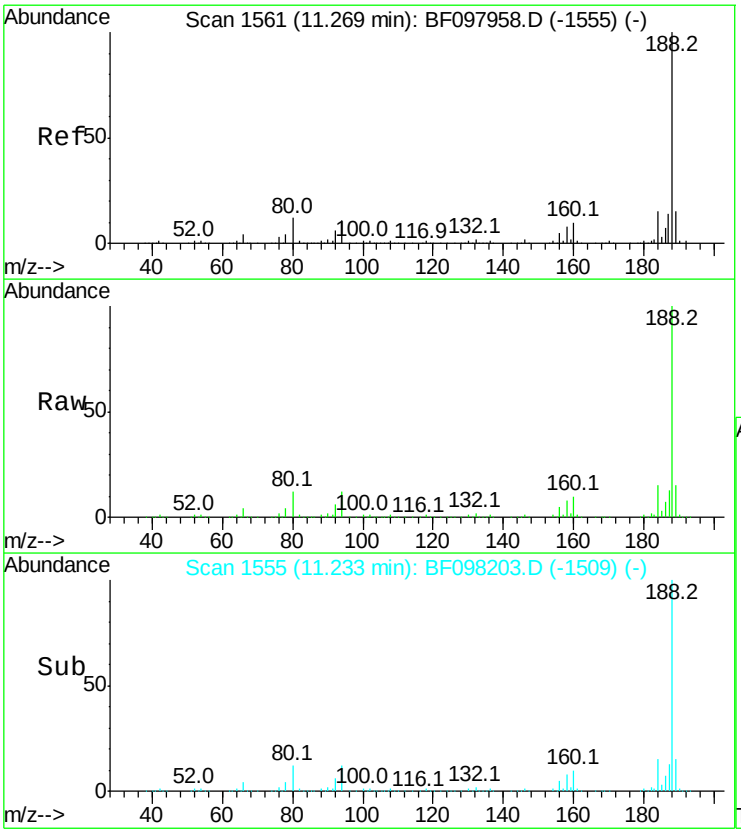
#56
2,4-Dinitrotoluene
Concen: 6.740 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27168

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

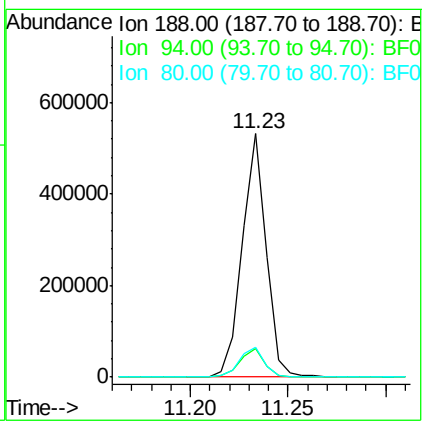


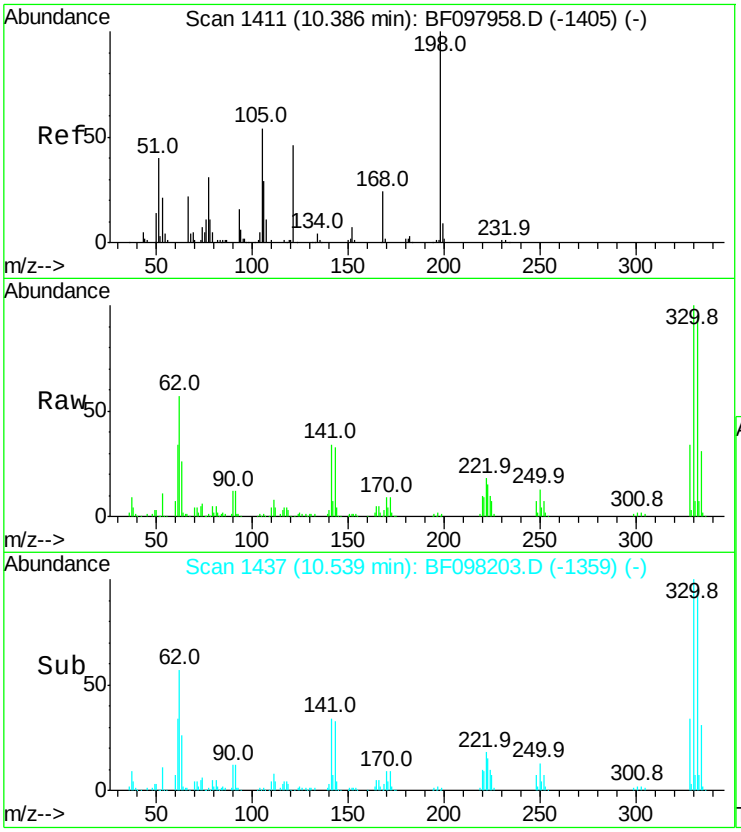


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:188 Resp: 453323

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.3	10.2	15.2



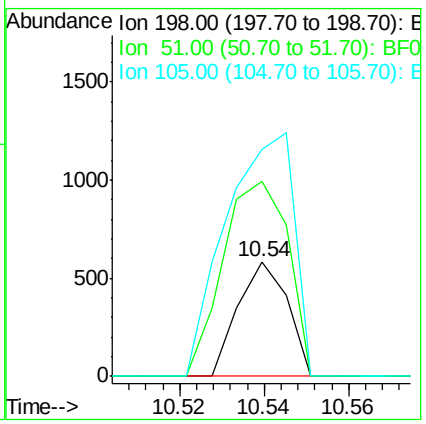


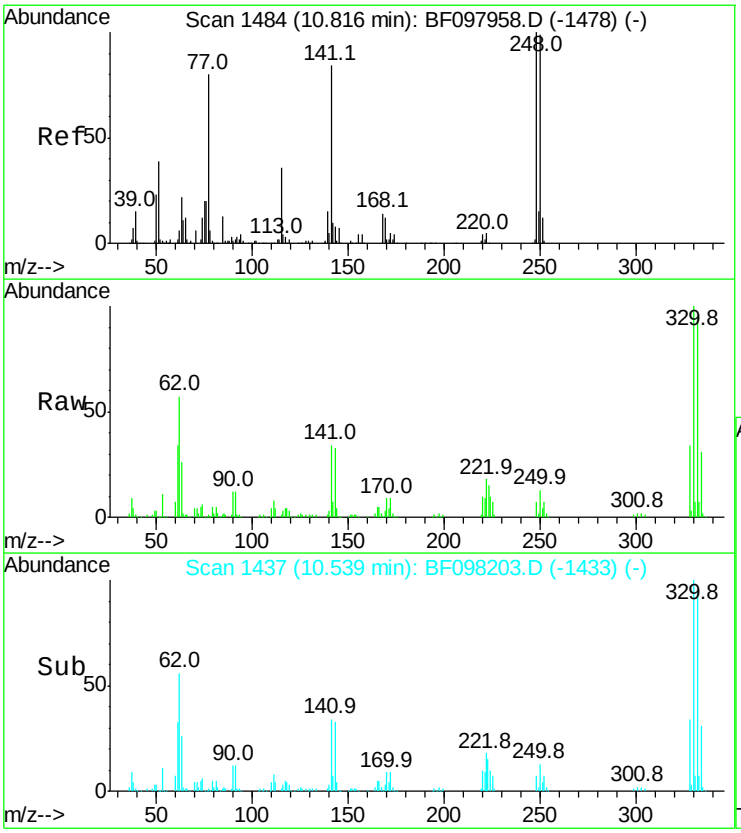
#64
4,6-Dinitro-2-methylphenol
Concen: 8.504 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.16 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 474

Ion	Ratio	Lower	Upper
198	100		
51	170.5	53.2	93.2#
105	198.1	45.8	85.8#

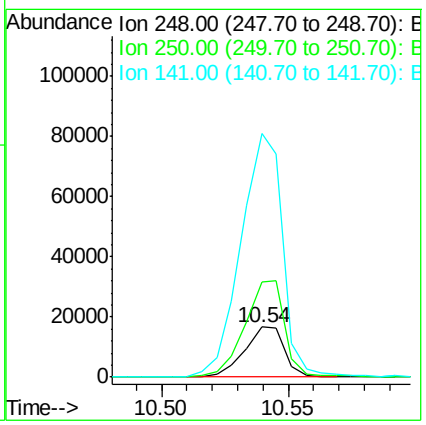


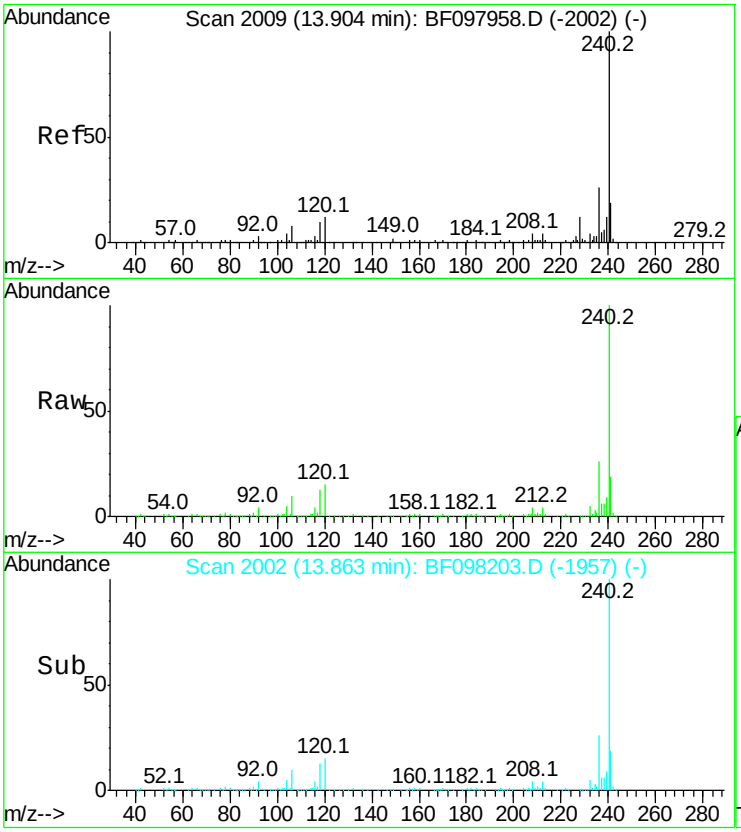


#66
4-Bromophenyl-phenylether
Concen: 3.806 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.28 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:248 Resp: 17919

Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.8	115.2#
141	489.7	68.6	103.0#



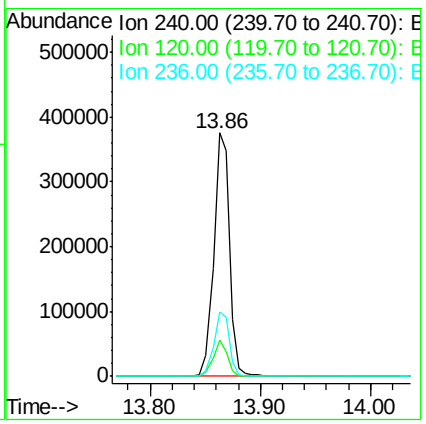


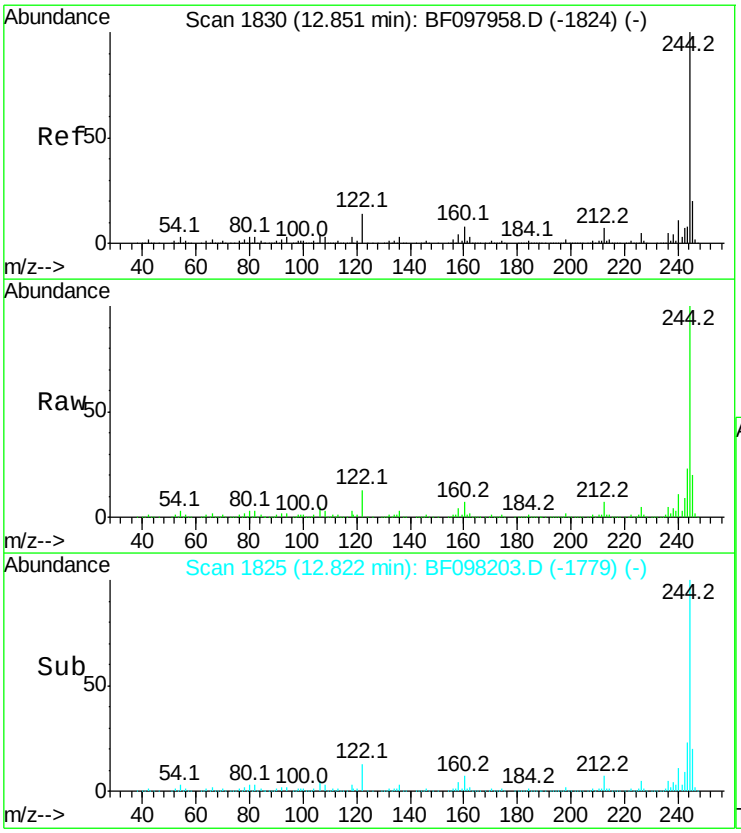
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 367347

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.4	20.5	30.7

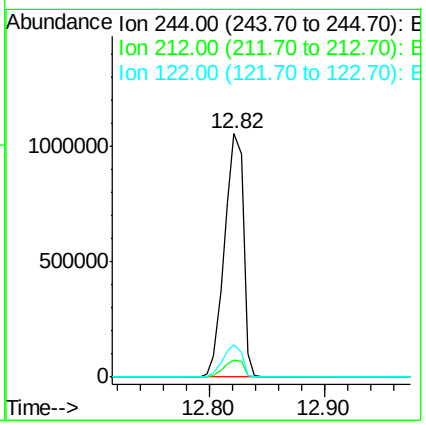


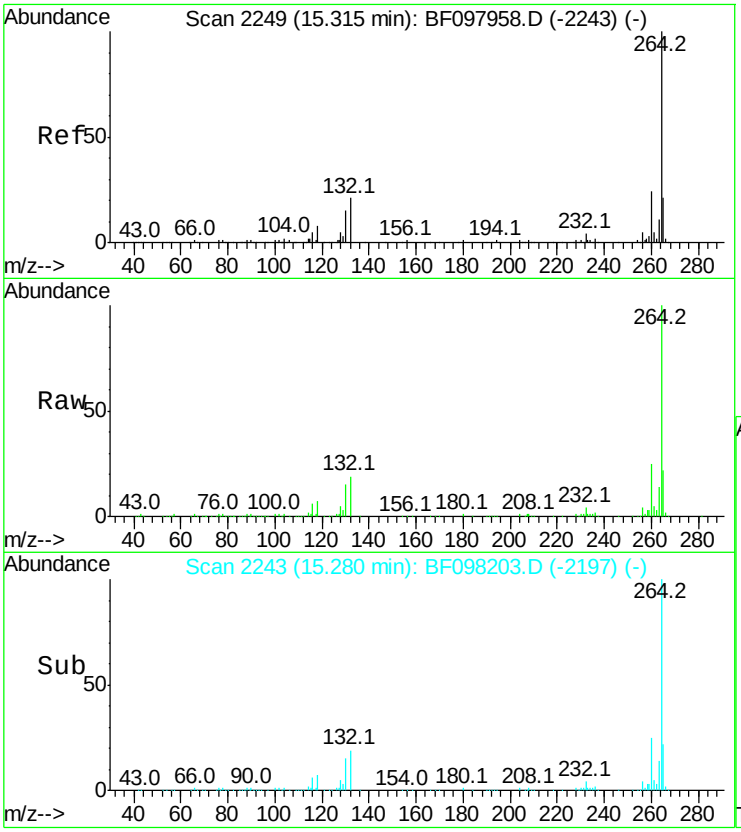


#78
Terphenyl-d14
Concen: 67.835 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:244 Resp: 1194964

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 268573

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.2	25.8