Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098098.D
Acq On : 29 Aug 2017 6:34
Operator : SJ/JU
Sample : I4959-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2013-RT3425-RT880-RT45915

Quant Time: Aug 29 09:32:19 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	6.74	152	109729	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	434699	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	190784	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	359670	20.00	ng	0.00
75) Chrysene-d12	13.89	240	256434	20.00	ng	-0.01
86) Perylene-d12	15.31	264	246137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	695349	96.39	ng	0.00
7) Phenol-d6	6.37	99	884329	90.22	ng	-0.01
23) Nitrobenzene-d5	7.30	82	593618	74.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	169670	102.50	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	904718	69.67	ng	-0.01
78) Terphenyl-d14	12.84	244	748734	60.89	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	78709	11.731	ng	# 70
25) Isophorone	7.30	82	585414	35.184	ng	# 67
49) Dimethylphthalate	9.77	163	48995	3.513	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	23447	8.423	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	23447	6.712	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	261	8.448	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11122	2.978	ng	# 1

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

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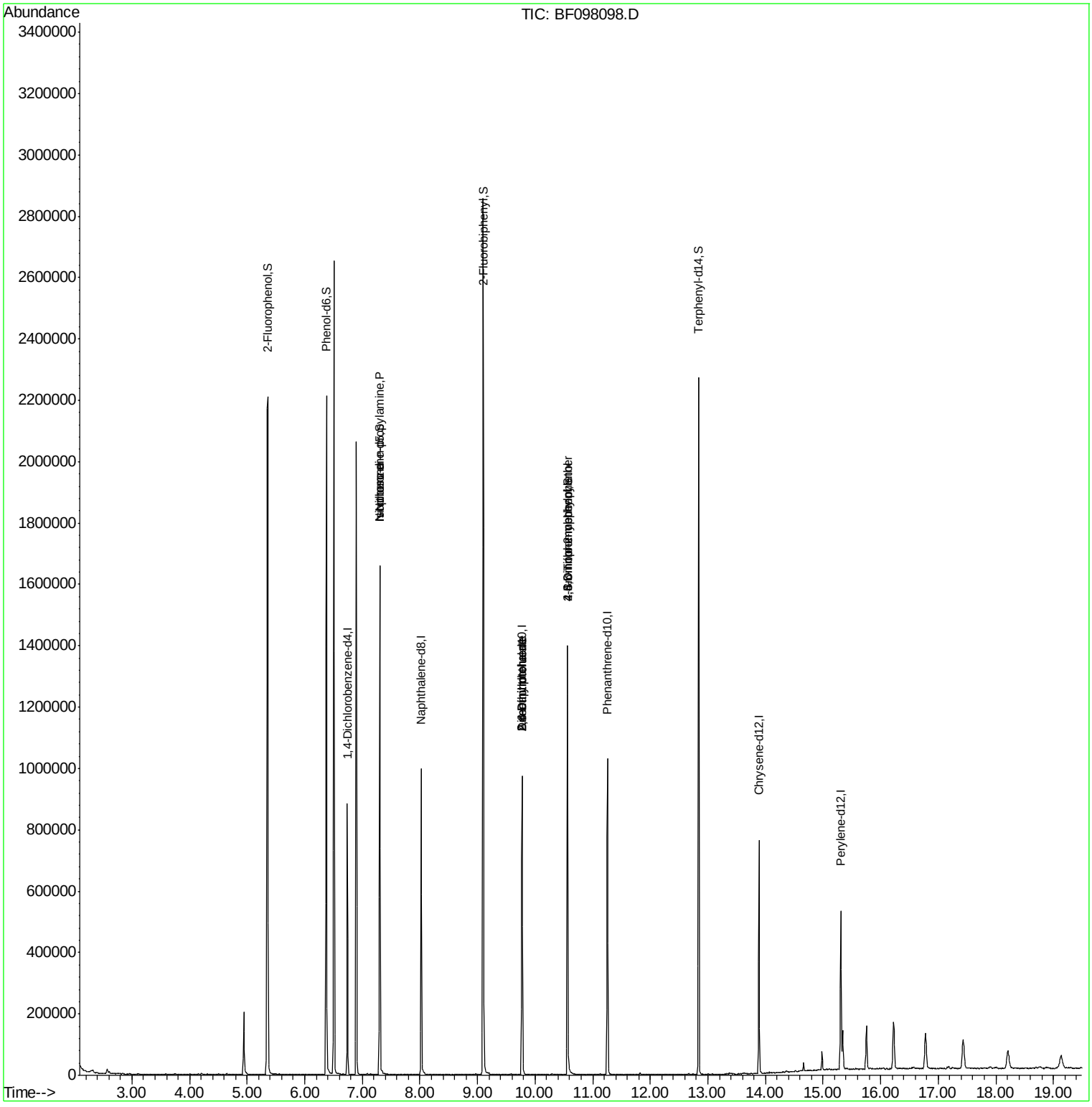
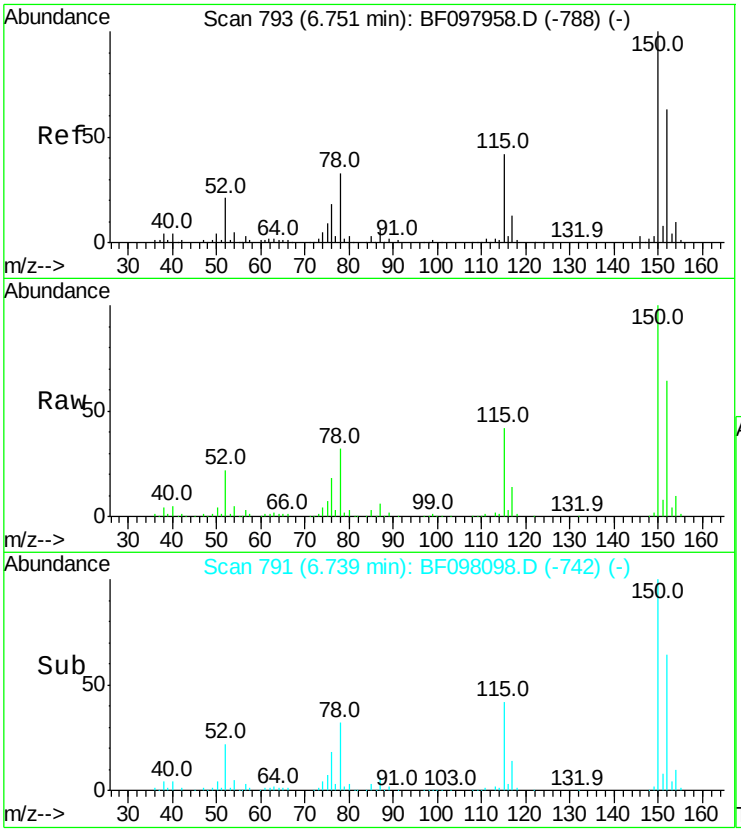


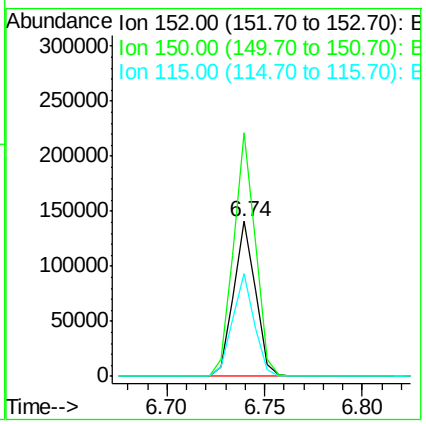


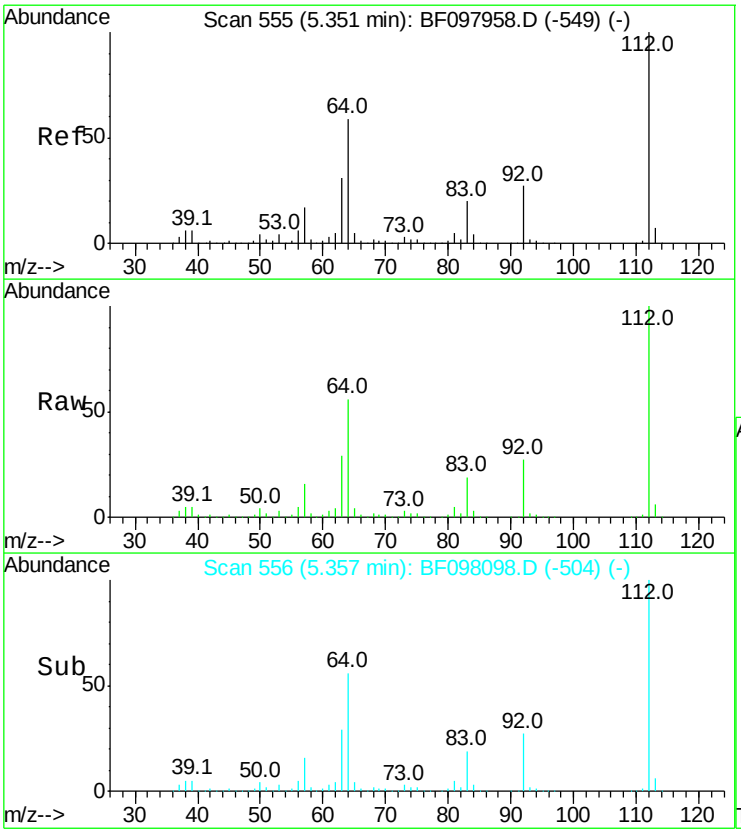
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:152 Resp: 109729

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	66.4	52.2	78.2

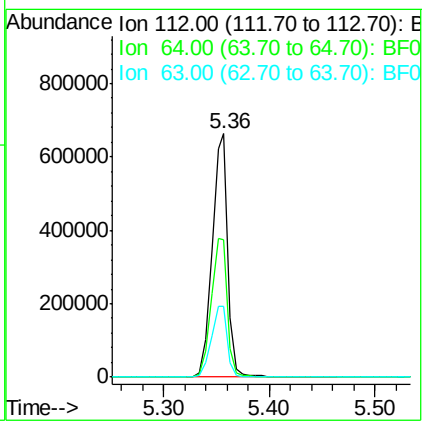


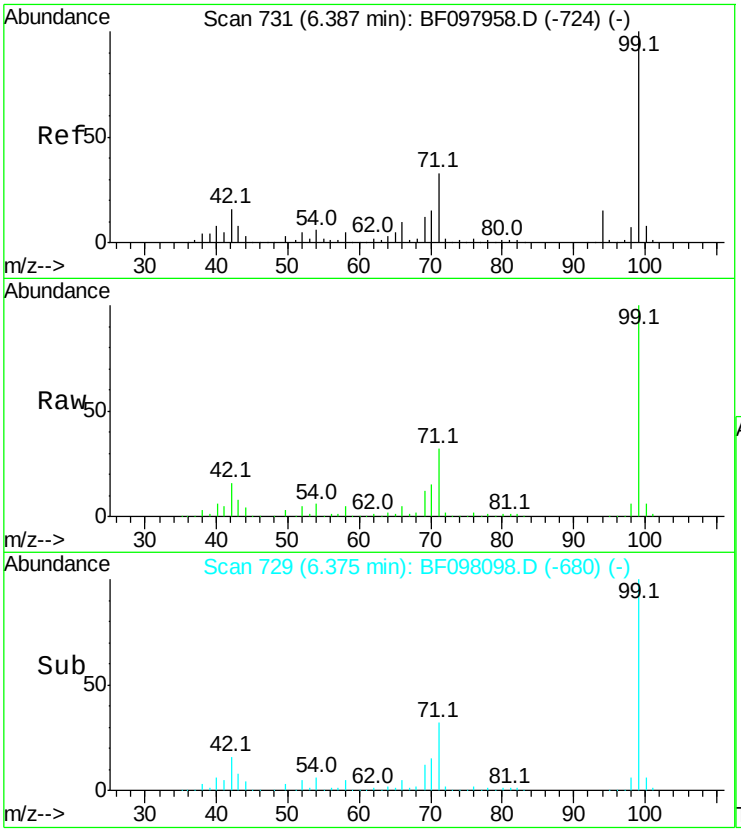


#5
2-Fluorophenol
Concen: 96.390 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:112 Resp: 695349

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	28.9	23.4	35.0



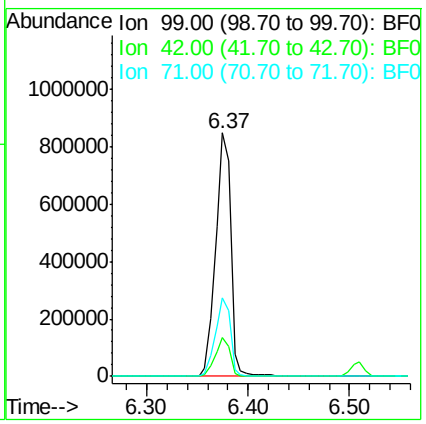


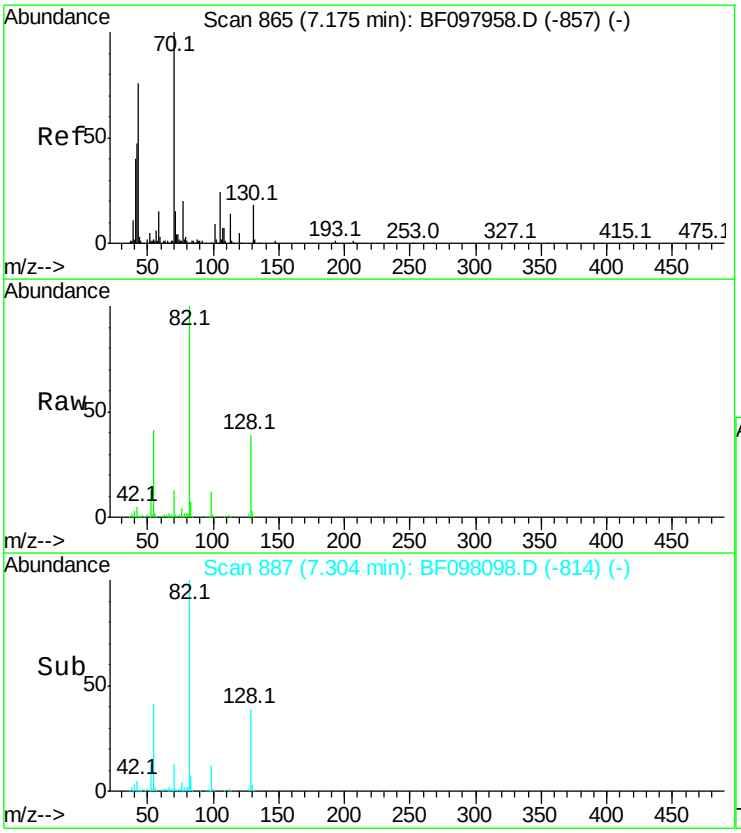
#7
Phenol-d6
Concen: 90.223 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion: 99 Resp: 884329

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	32.3	24.5	36.7

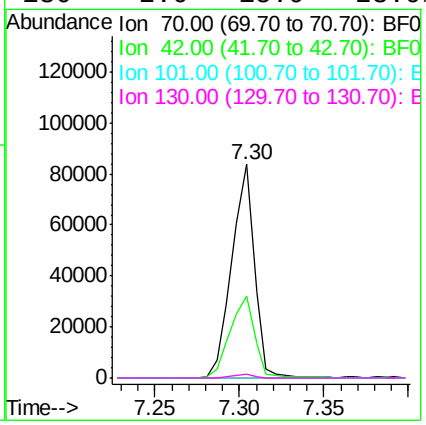


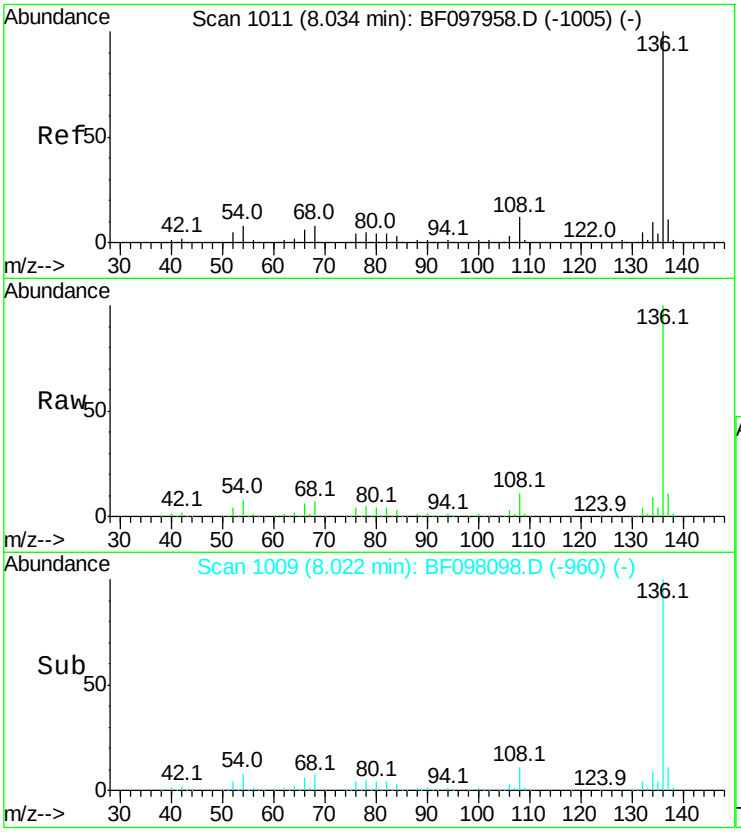


#19
n-Nitroso-di-n-propylamine
Concen: 11.731 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion: 70 Resp: 78709

Ion	Ratio	Lower	Upper
70	100		
42	38.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



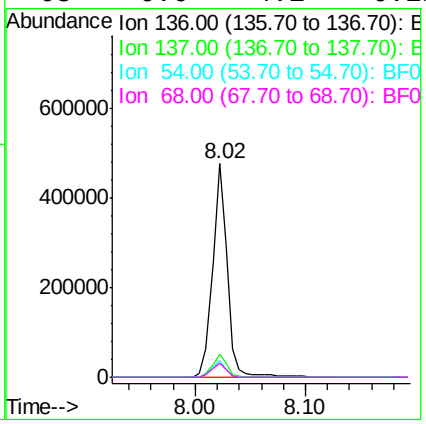


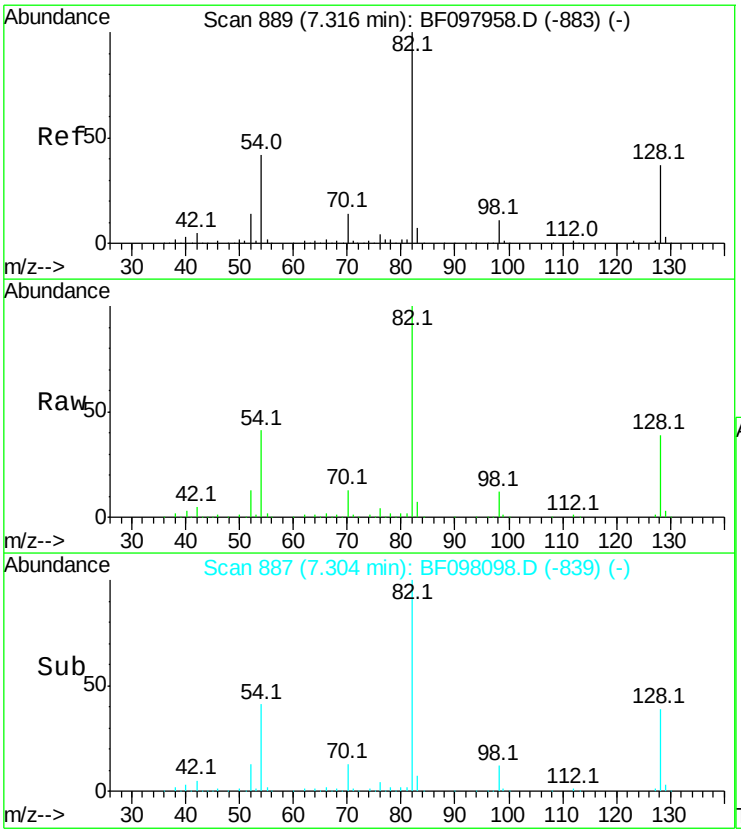
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:136 Resp: 434699

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	4.9	7.3#
68	6.6	4.1	6.1#

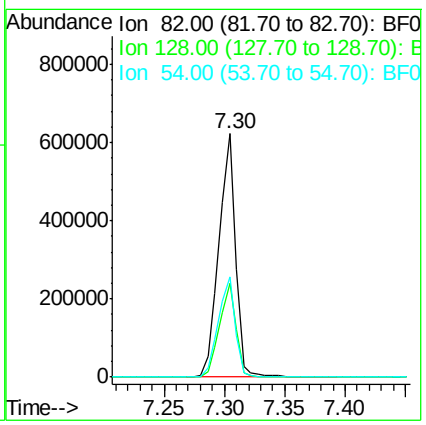


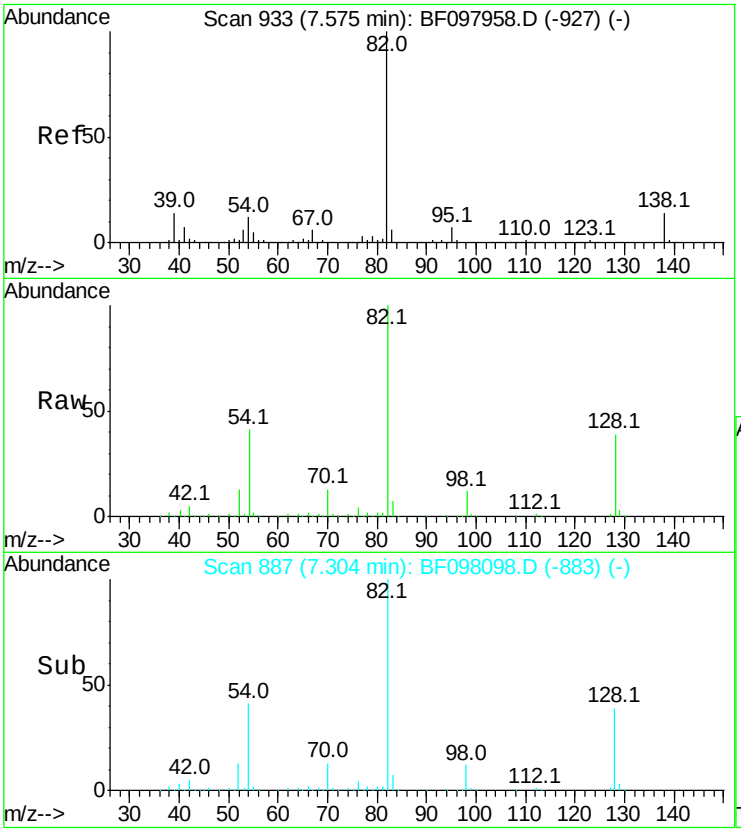


#23
Nitrobenzene-d5
Concen: 74.185 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion: 82 Resp: 593618

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	41.3	42.2	63.2#



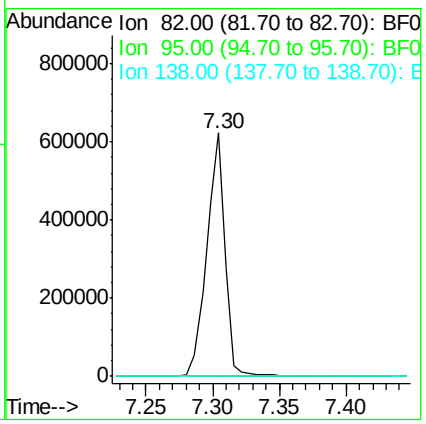


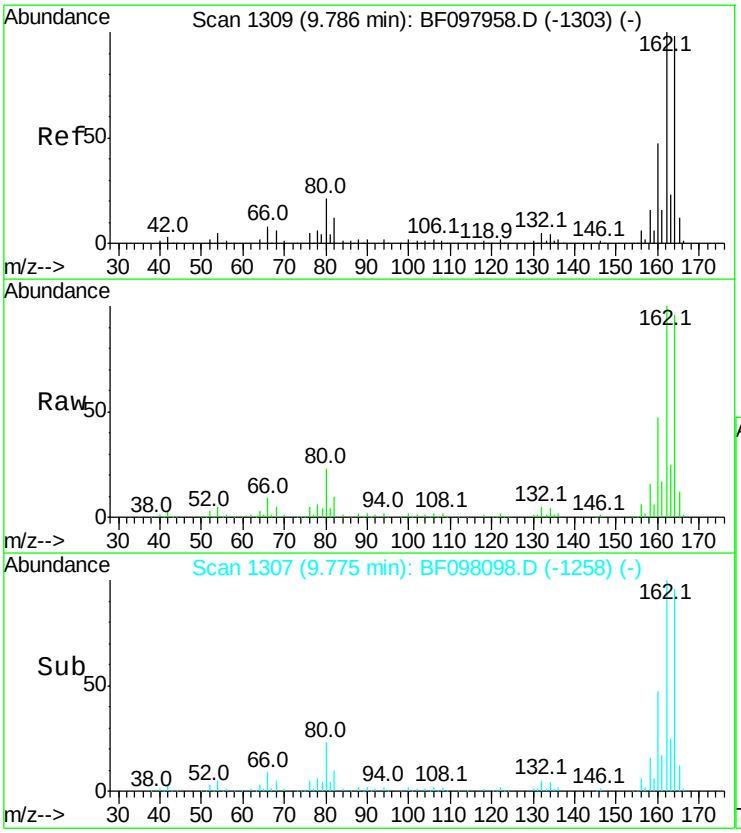
#25
Isophorone
Concen: 35.184 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion: 82 Resp: 585414

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

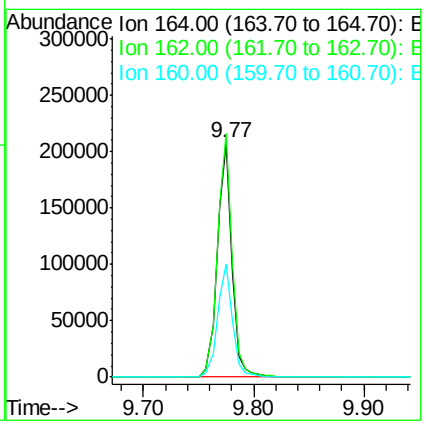


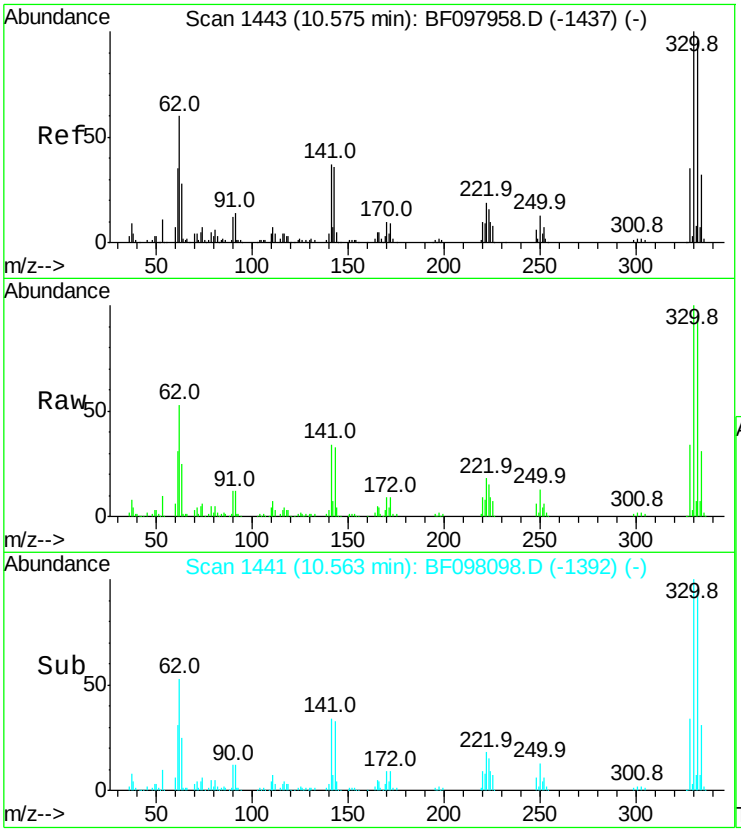


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:164 Resp: 190784

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	48.5	36.2	54.2



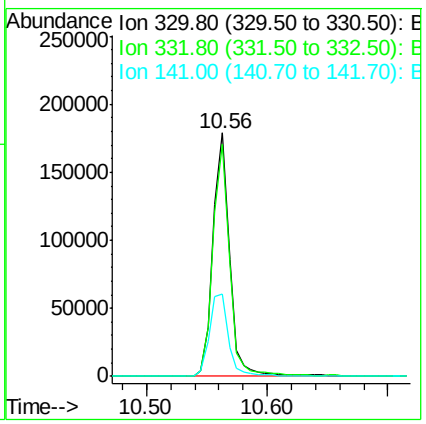


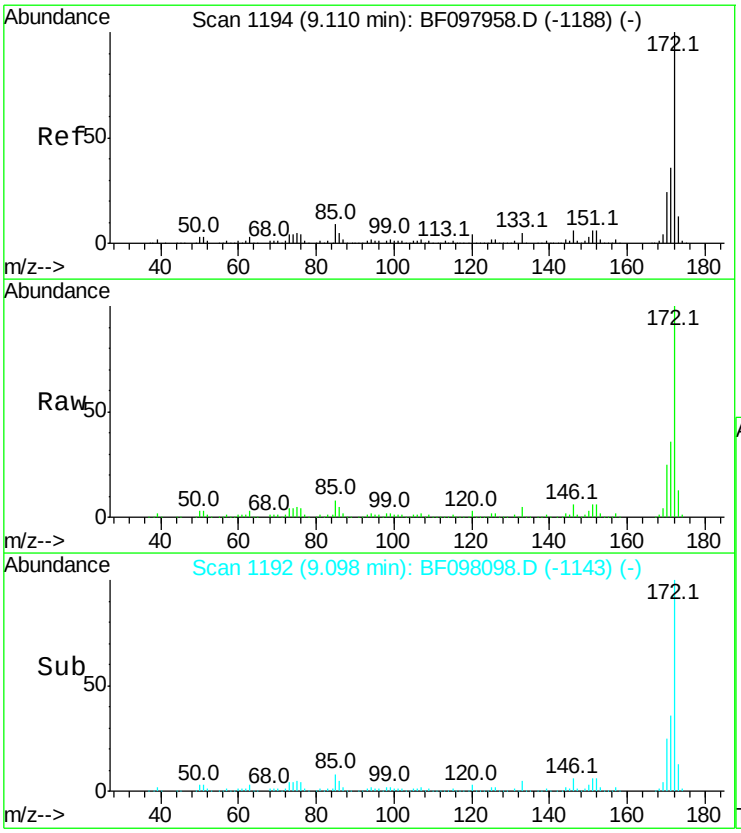
#41
2,4,6-Tribromophenol
Concen: 102.497 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:330 Resp: 169670

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.3	31.4	47.2

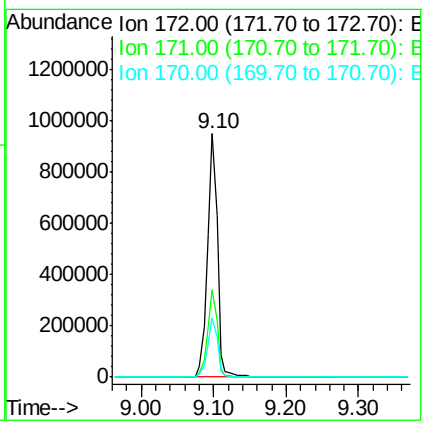


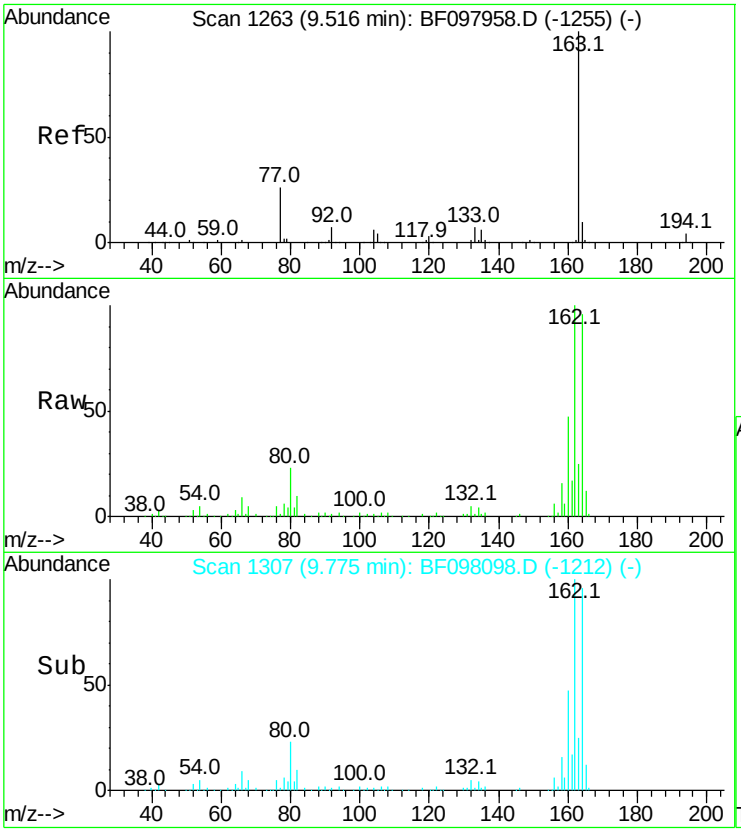


#44
2-Fluorobiphenyl
Concen: 69.671 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:172 Resp: 904718

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	19.8	29.8



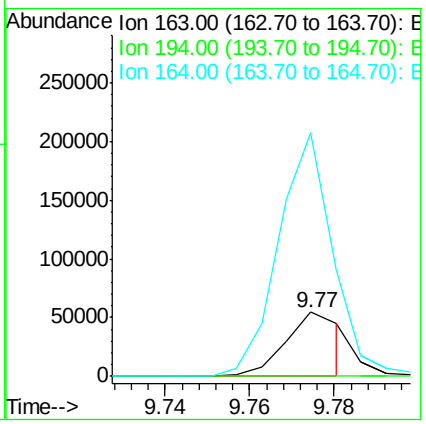


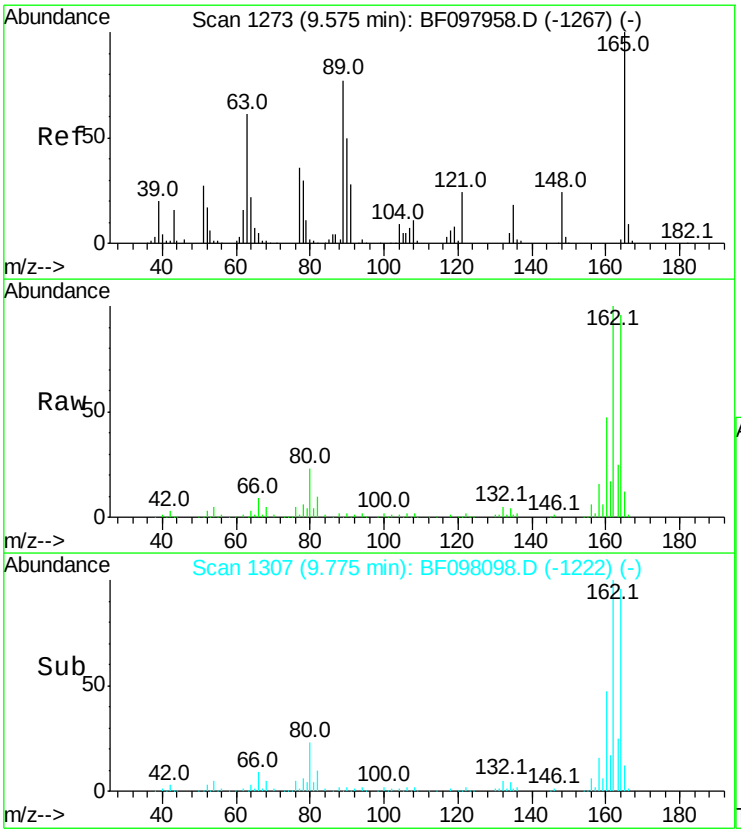
#49
Dimethylphthalate
Concen: 3.513 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:163 Resp: 48995

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	380.6	8.4	12.6#

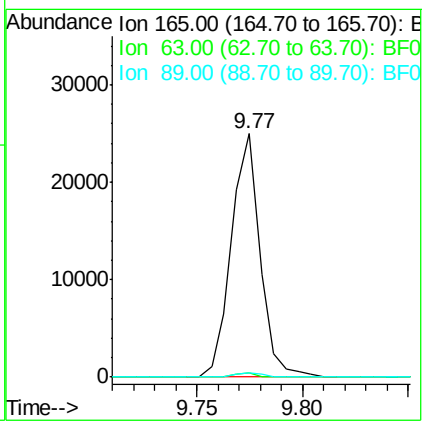


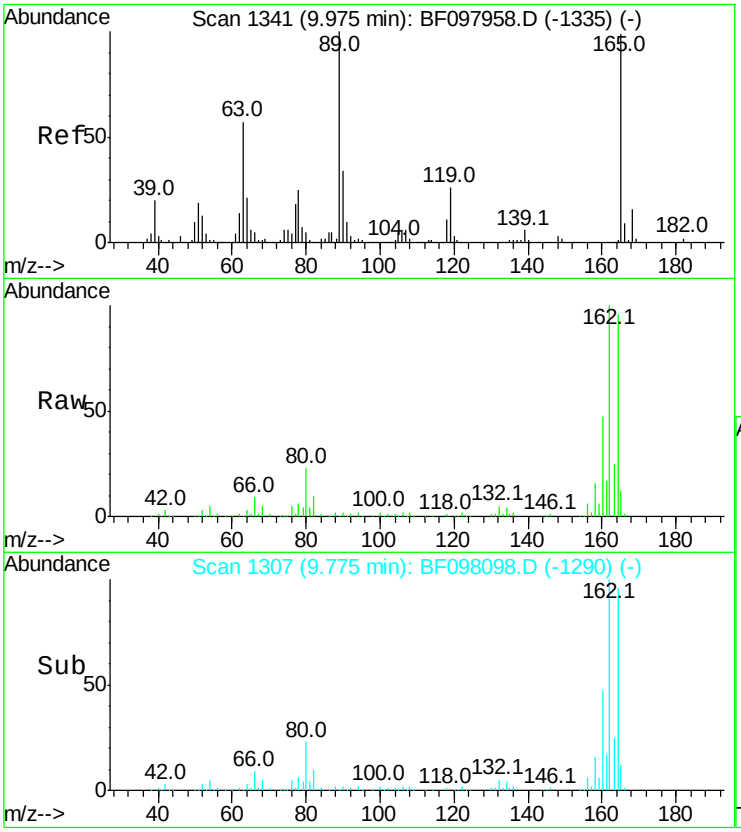


#50
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:165 Resp: 23447

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.6	37.1	55.7#



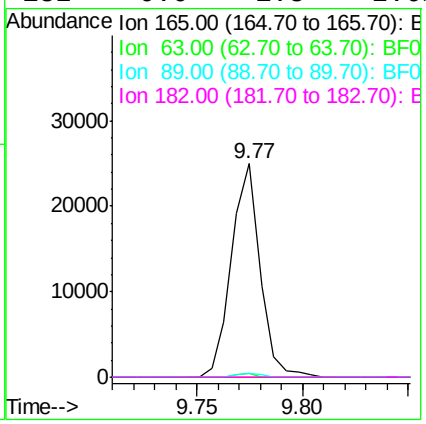


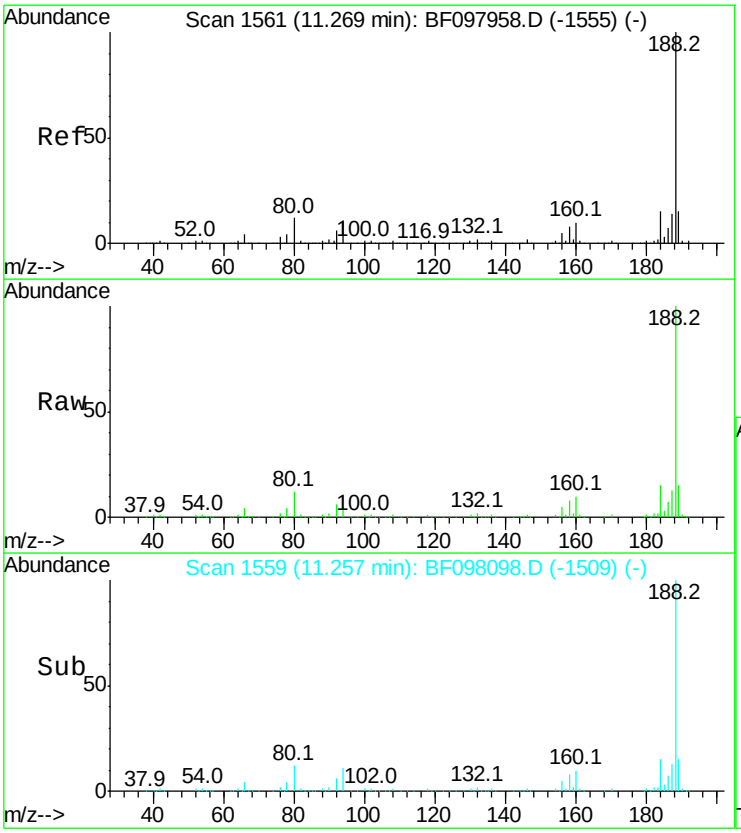
#56
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:165 Resp: 23447

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

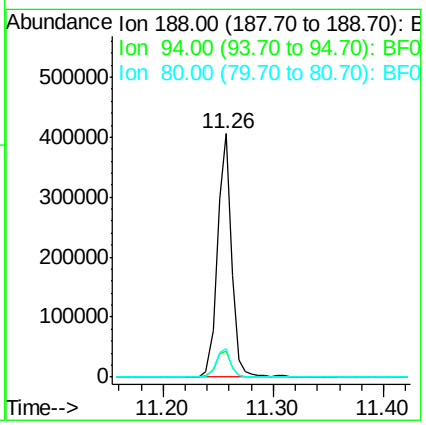


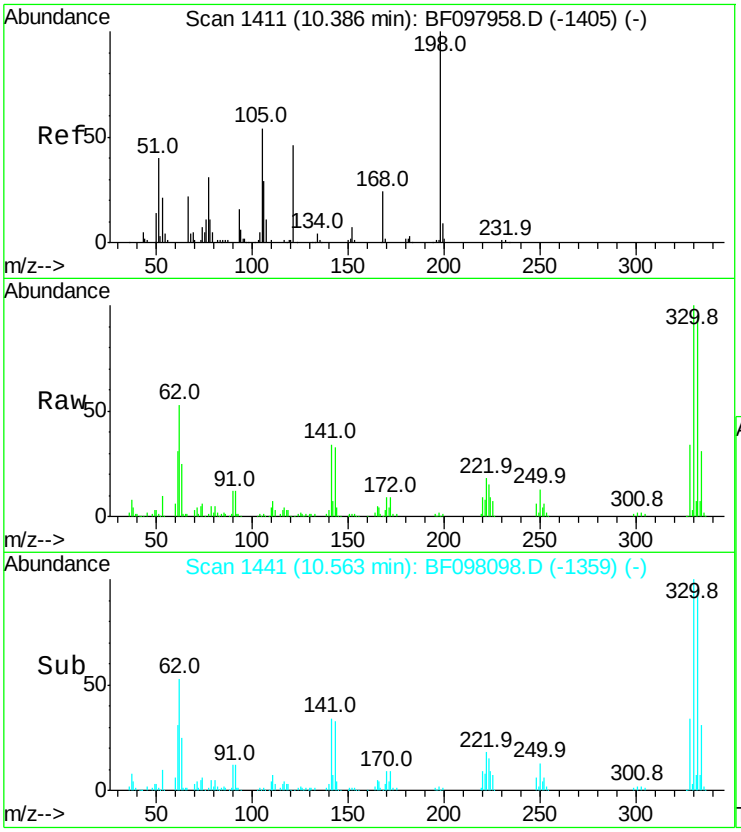


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:188 Resp: 359670

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.9	10.2	15.2



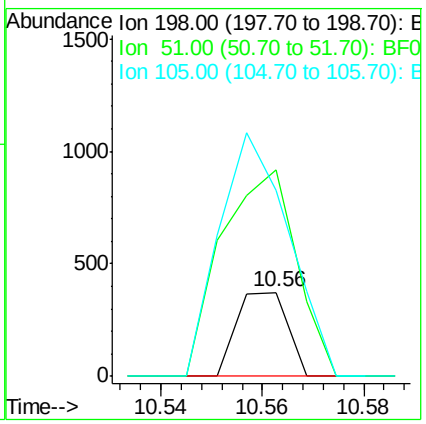


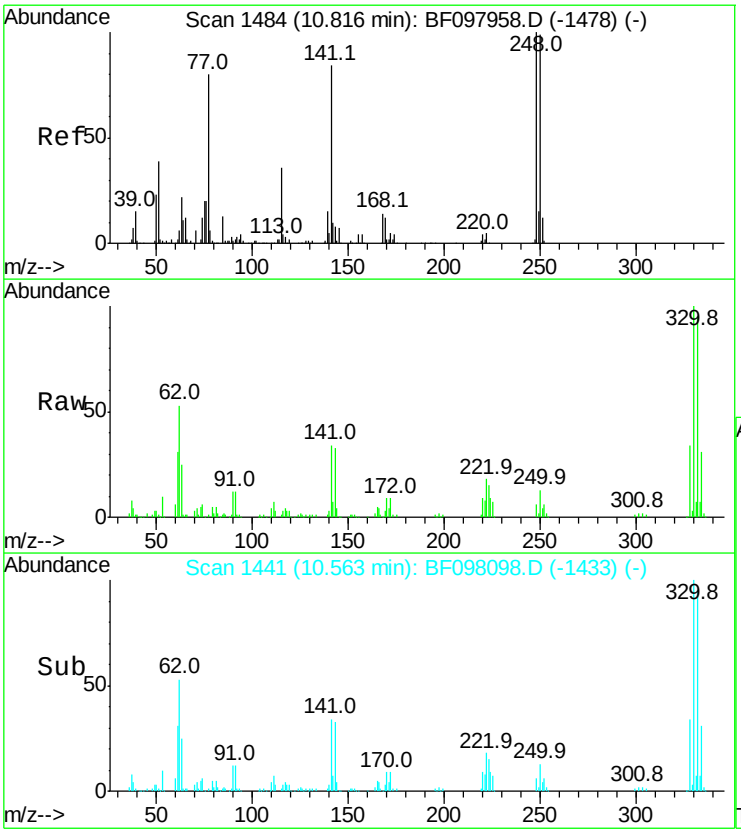
#64
4,6-Dinitro-2-methylphenol
Concen: 8.448 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:198 Resp: 261

Ion	Ratio	Lower	Upper
198	100		
51	244.9	53.2	93.2#
105	221.1	45.8	85.8#

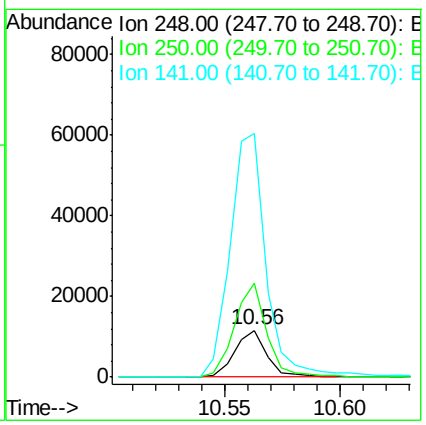


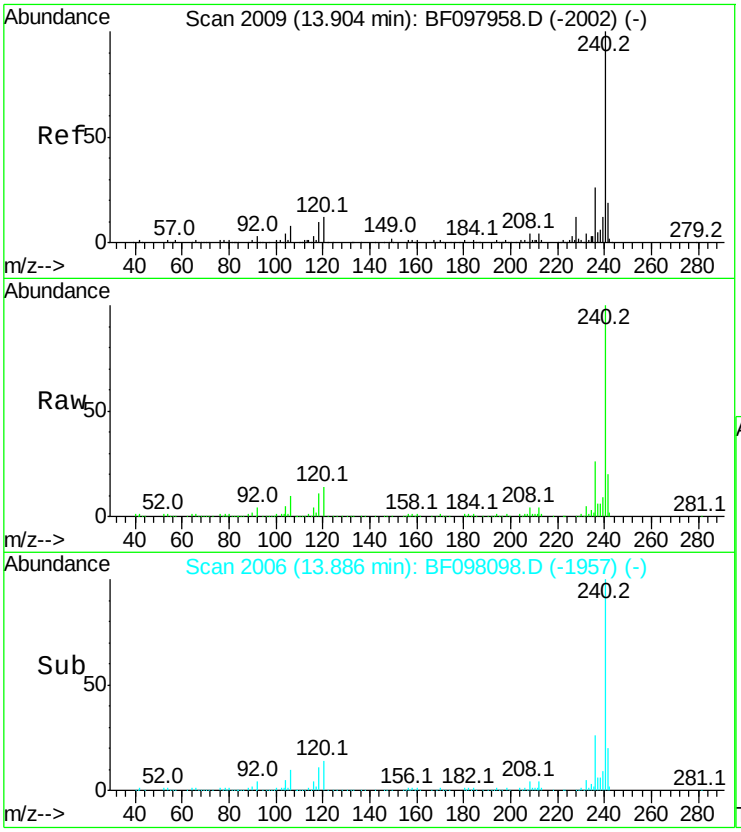


#66
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:248 Resp: 11122

Ion	Ratio	Lower	Upper
248	100		
250	200.2	76.8	115.2#
141	519.7	68.6	103.0#



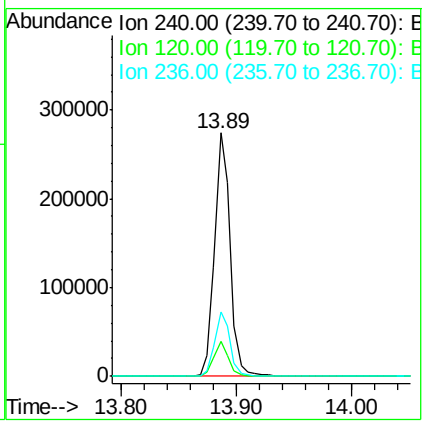


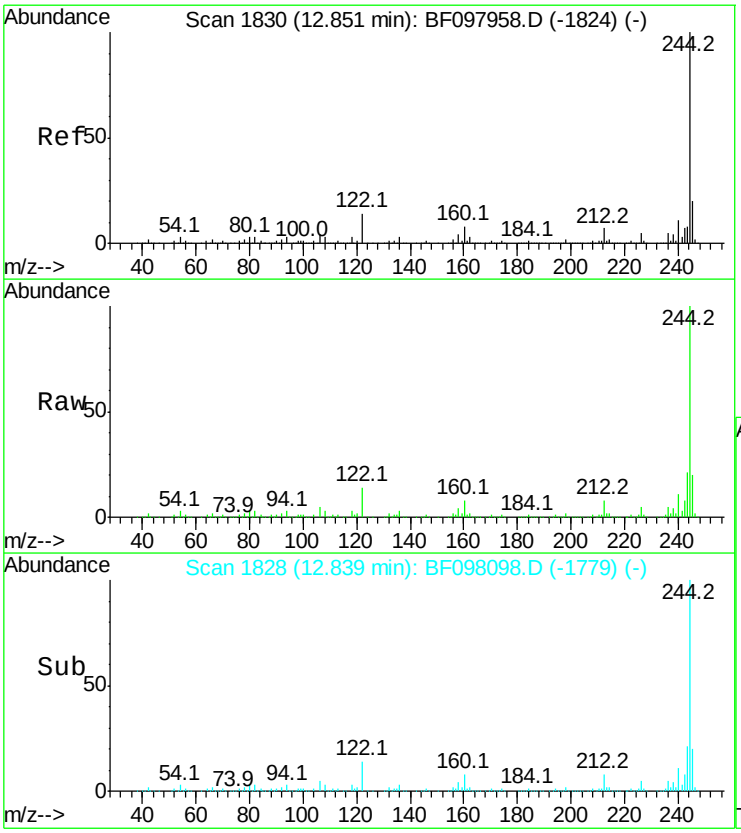
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:240 Resp: 256434

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	26.3	20.5	30.7

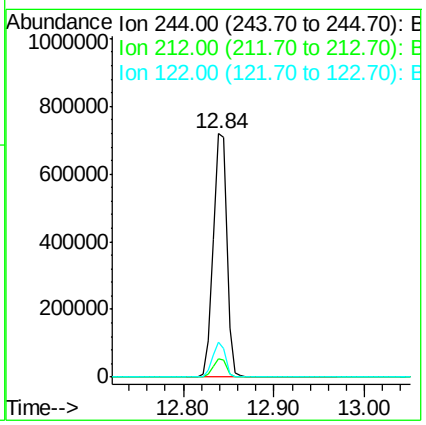


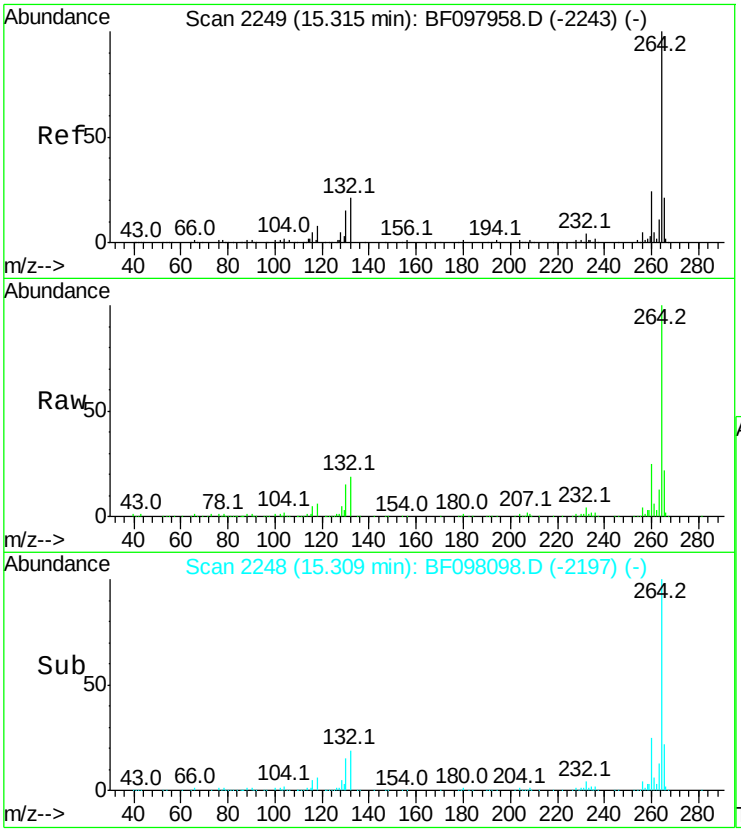


#78
Terphenyl-d14
Concen: 60.887 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:244 Resp: 748734

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.4	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tgt Ion:264 Resp: 246137

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8