Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098875.D
Acq On : 27 Sep 2017 21:03
Operator : SJ/JU
Sample : I5444-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 28 01:53:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	123316	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	514242	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	230534	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	382158	20.00	ng	0.00
75) Chrysene-d12	14.07	240	279073	20.00	ng	-0.01
86) Perylene-d12	15.57	264	243966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	201368	25.99	ng	-0.02
7) Phenol-d6	6.53	99	250608	26.22	ng	-0.02
23) Nitrobenzene-d5	7.47	82	147190	18.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	45984	24.38	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	292401	21.17	ng	-0.01
78) Terphenyl-d14	13.02	244	223920	18.25	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	19709	3.23	ng	# 80
25) Isophorone	7.47	82	147188	8.88	ng	# 64
49) Dimethylphthalate	9.66	163	44277	2.54	ng	99
50) 2,6-Dinitrotoluene	9.95	165	30529	8.06	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	30529	6.21	ng	# 24

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

Quantitation Report (Not Reviewed)

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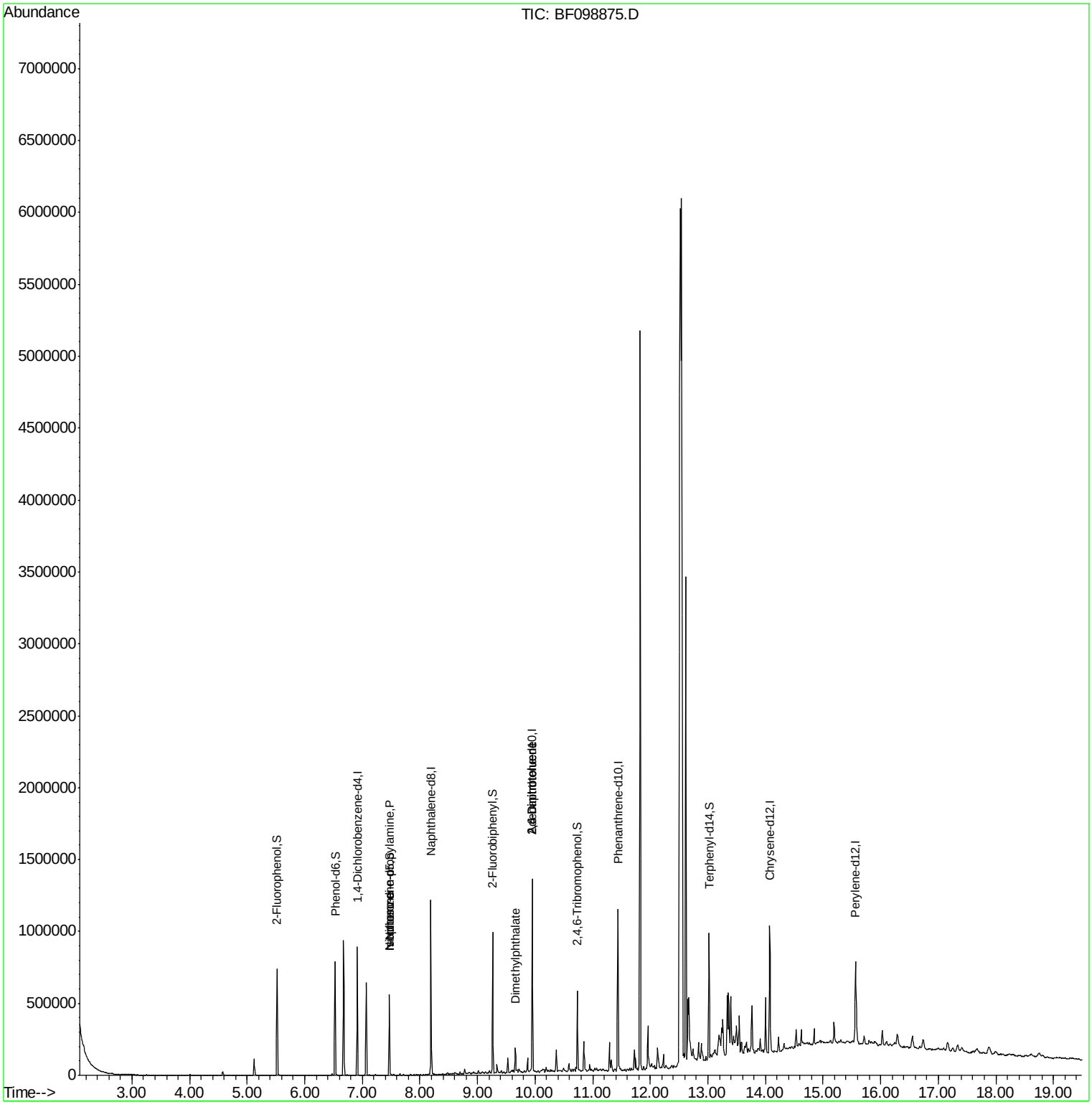
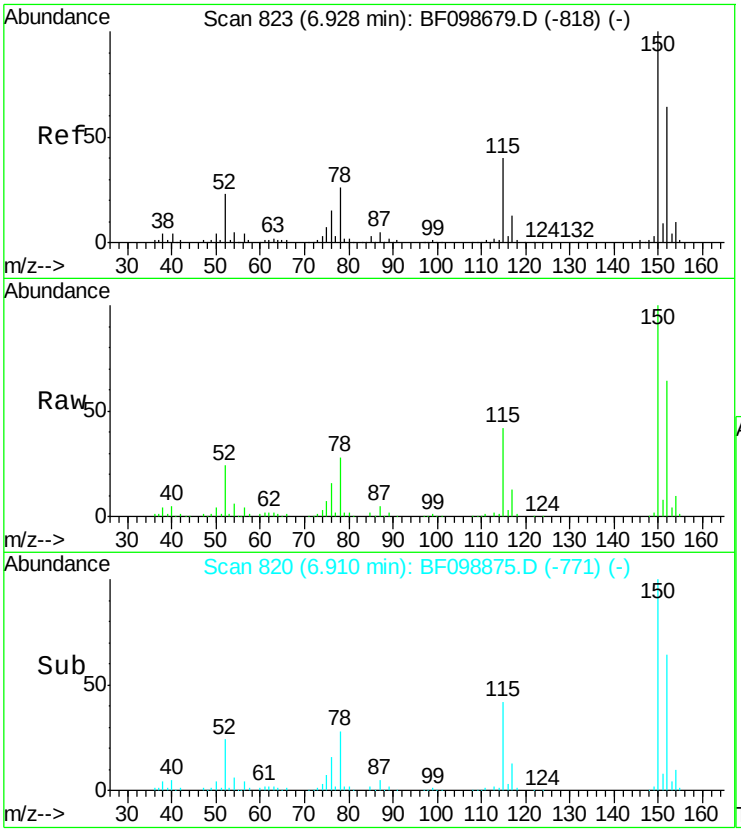


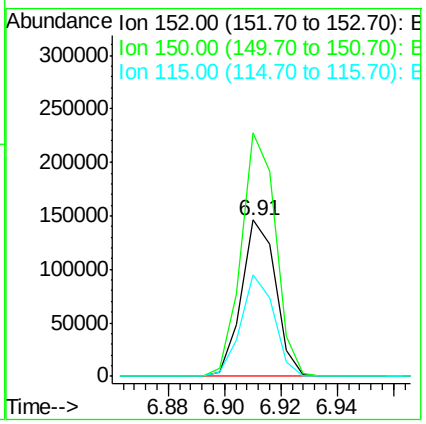


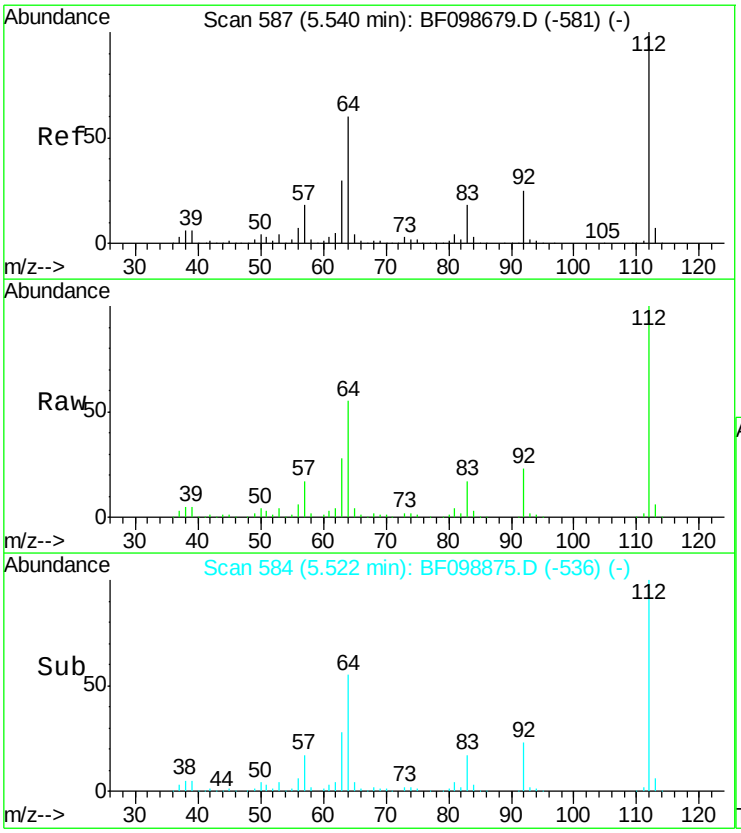
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123316

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	65.3	50.1	75.1

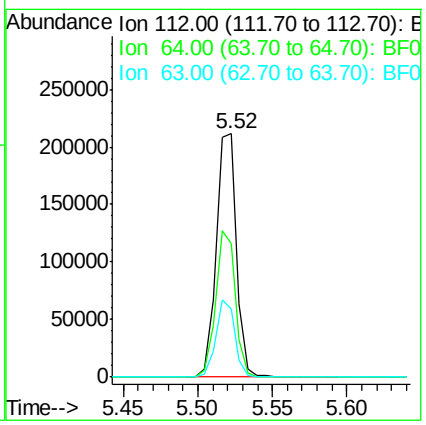


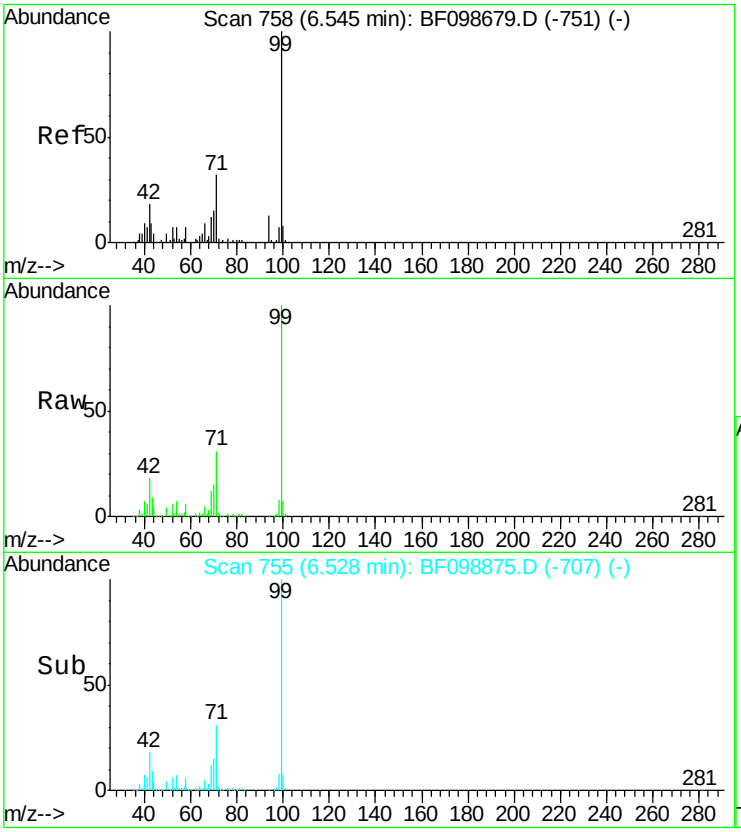


#5
2-Fluorophenol
Concen: 25.99 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:112 Resp: 201368

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.8	23.7	35.5



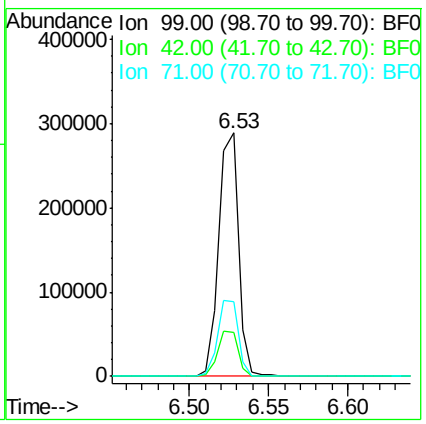


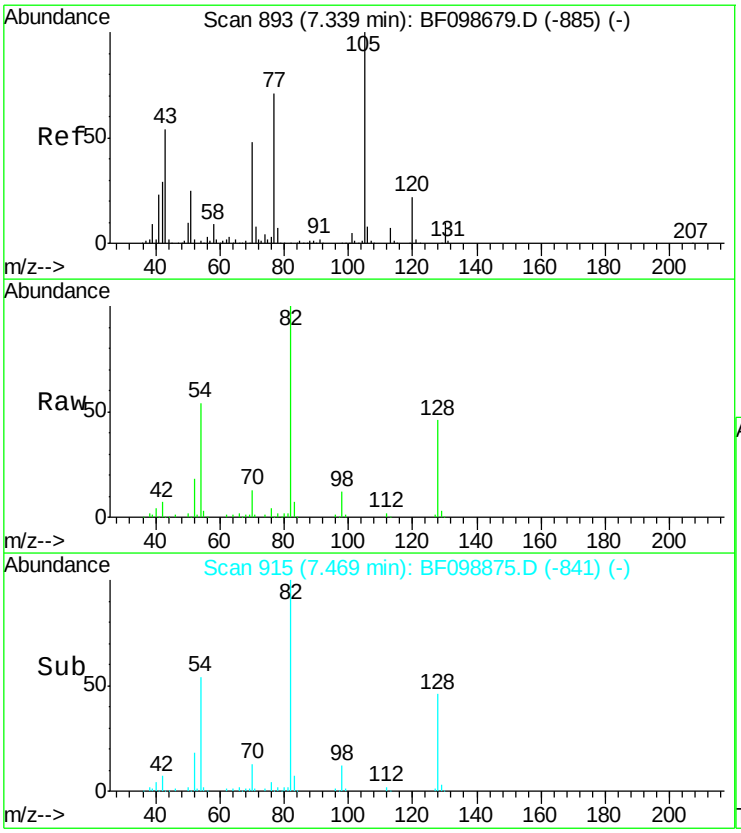
#7
Phenol-d6
Concen: 26.22 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 250608

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	30.9	25.4	38.0

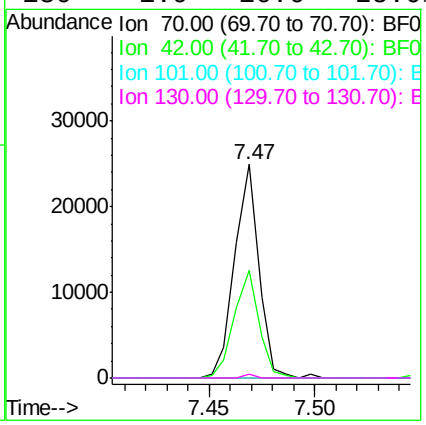


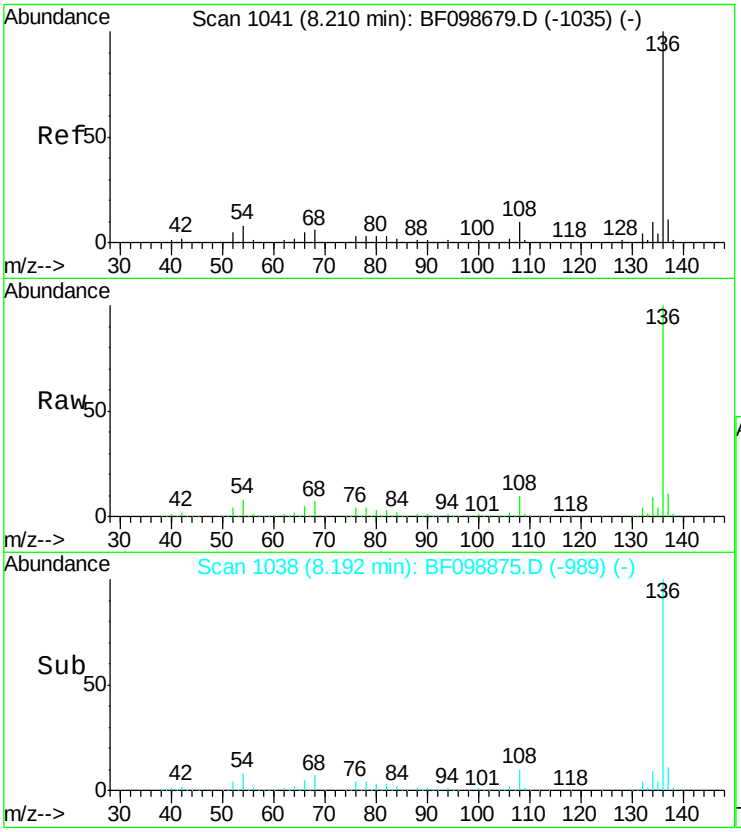


#19
n-Nitroso-di-n-propylamine
Concen: 3.23 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.14 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion: 70 Resp: 19709

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



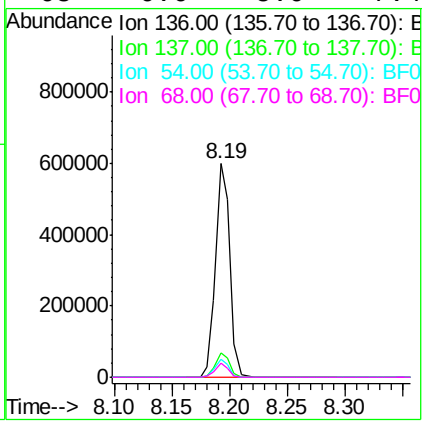


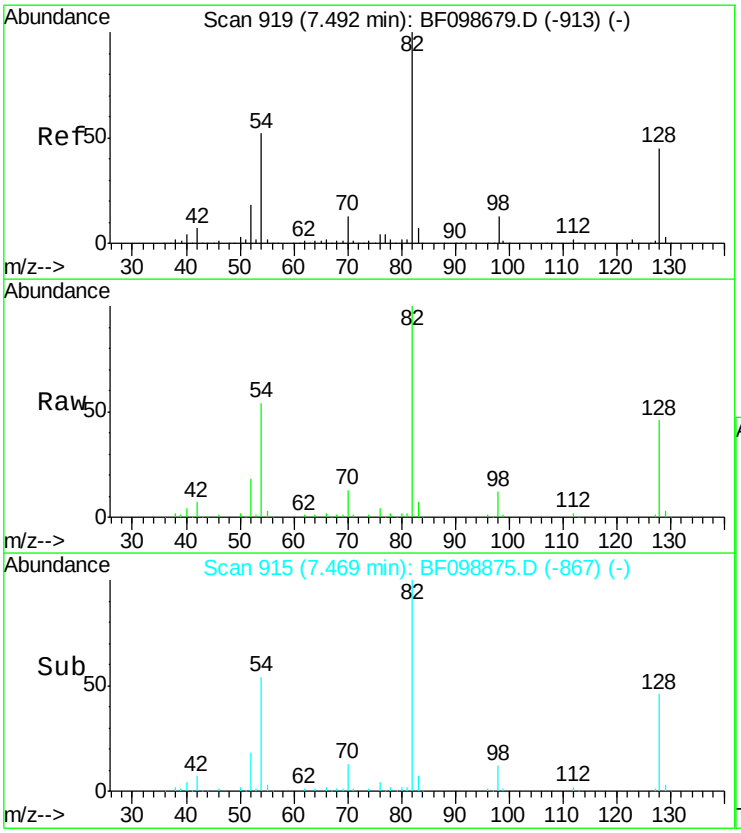
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 514242

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.6	5.0	7.4

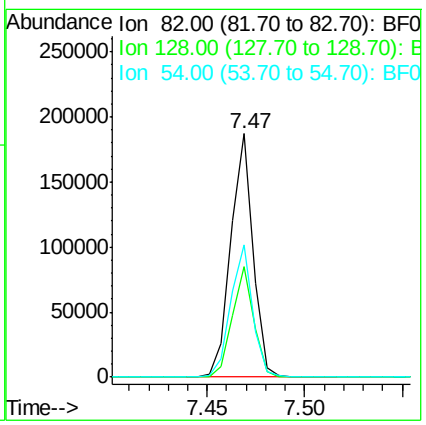


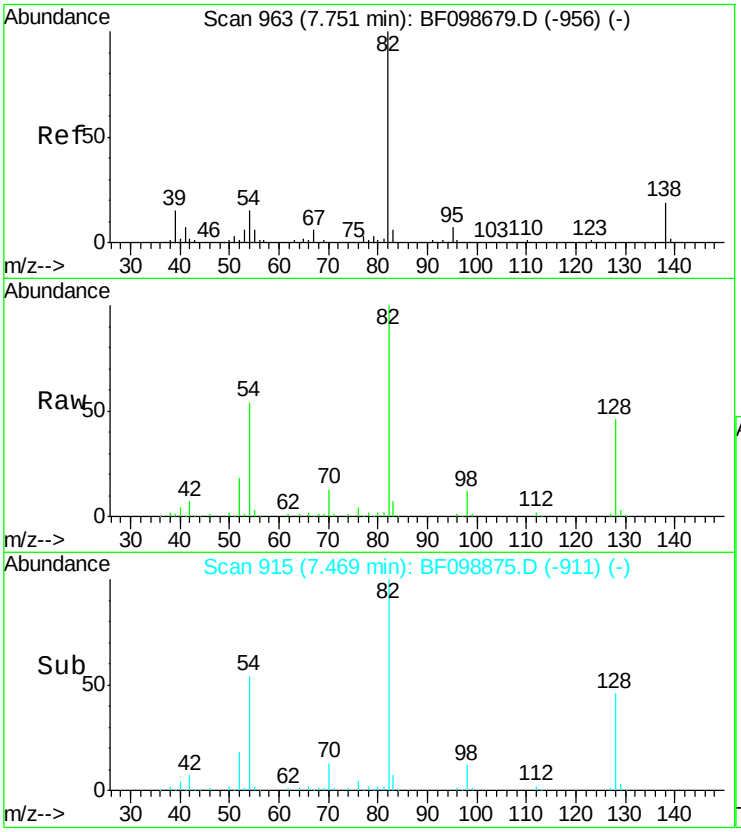


#23
Nitrobenzene-d5
Concen: 18.36 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion: 82 Resp: 147190

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.1	41.4	62.2



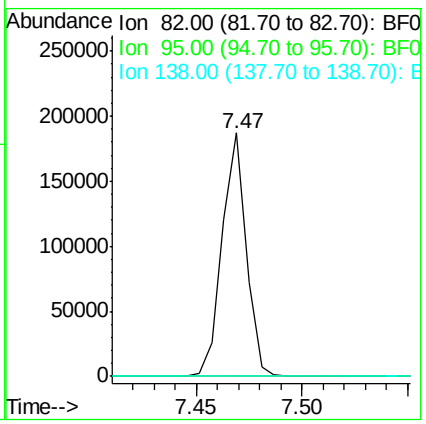


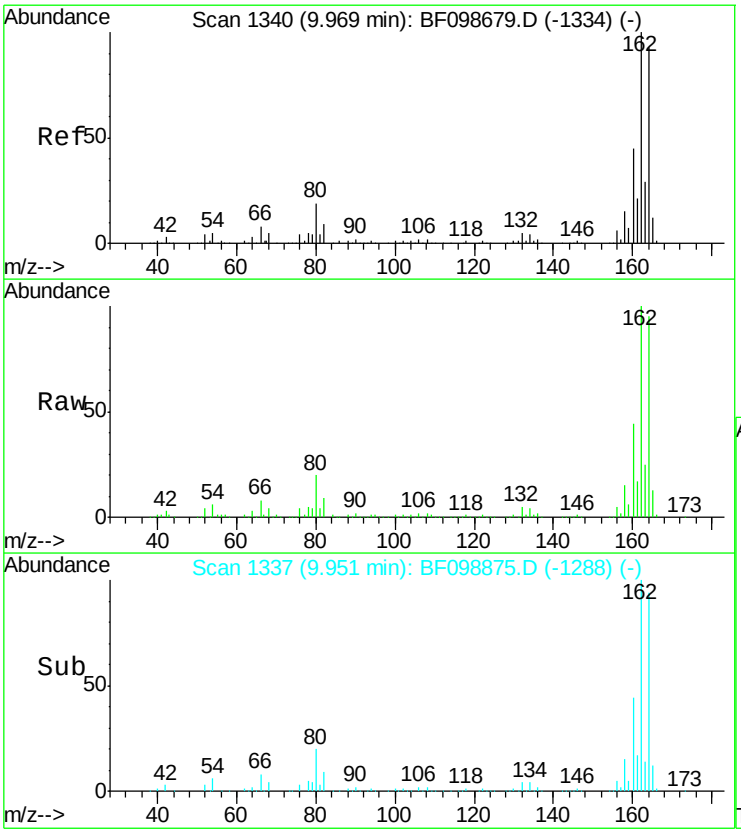
#25
Isophorone
Concen: 8.88 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 147188

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

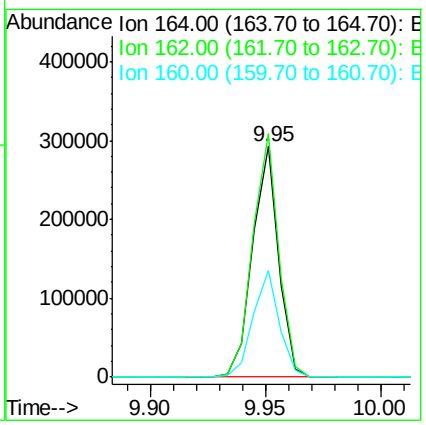


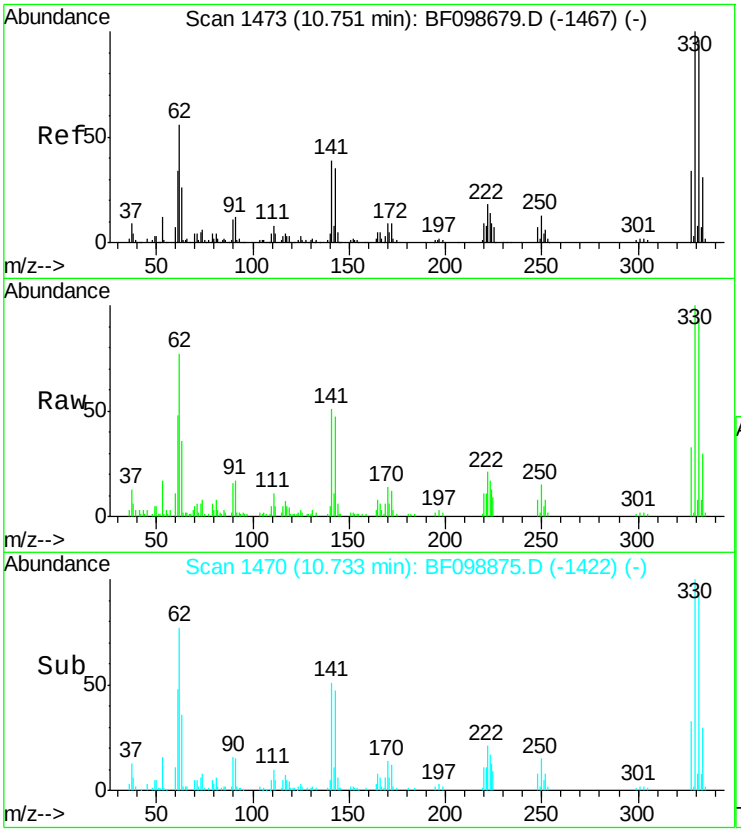


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:164 Resp: 230534

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.5	38.3	57.5



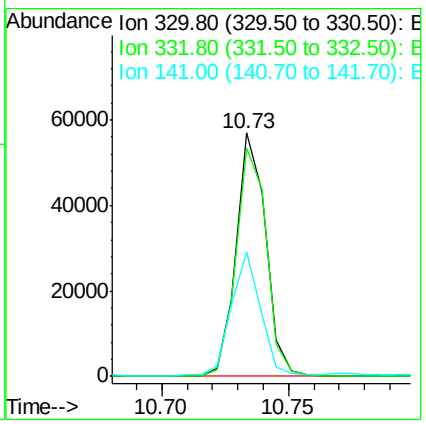


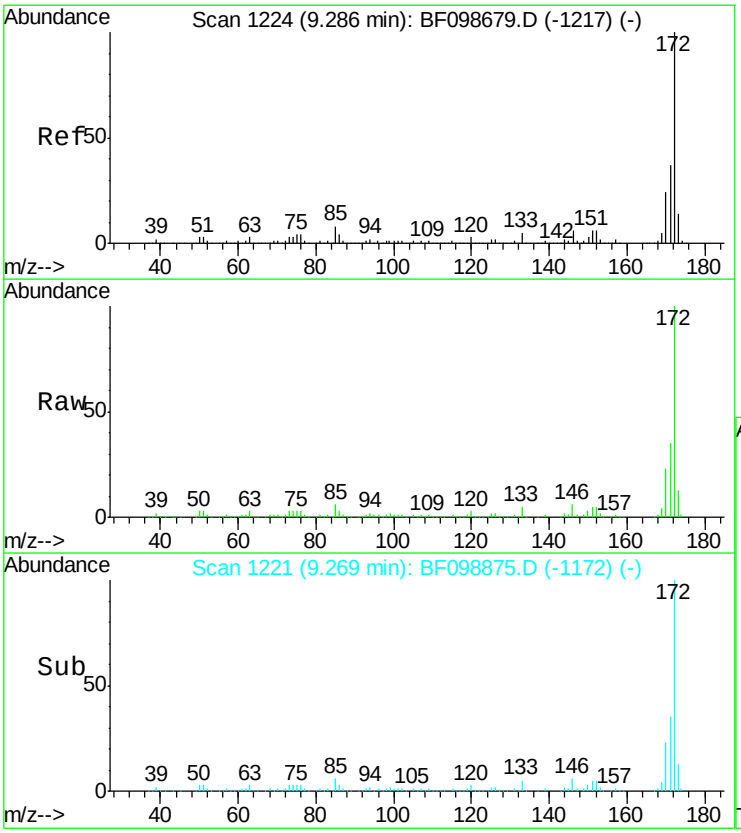
#41
2,4,6-Tribromophenol
Concen: 24.38 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 45984

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	51.8	29.9	44.9#

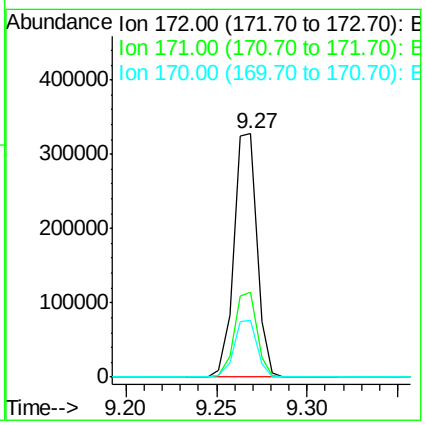


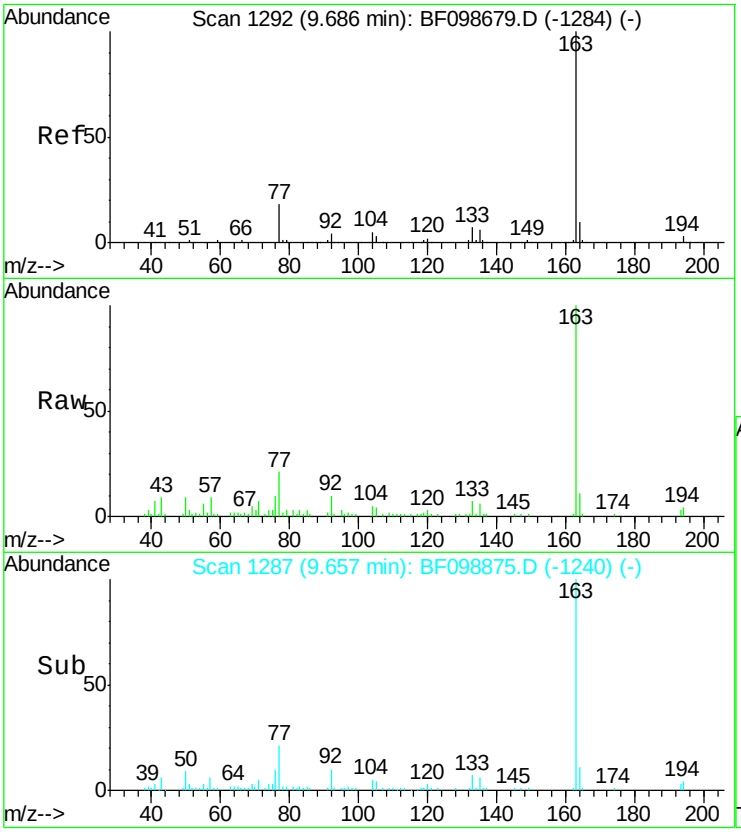


#44
2-Fluorobiphenyl
Concen: 21.17 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:172 Resp: 292401

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.2	19.6	29.4



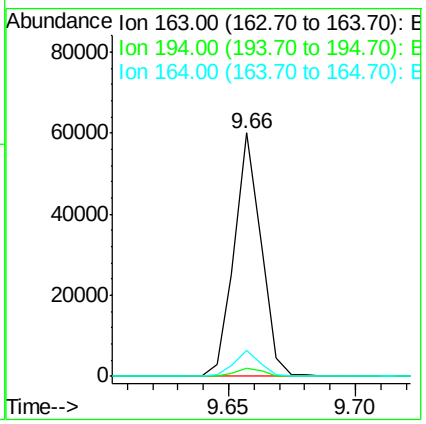


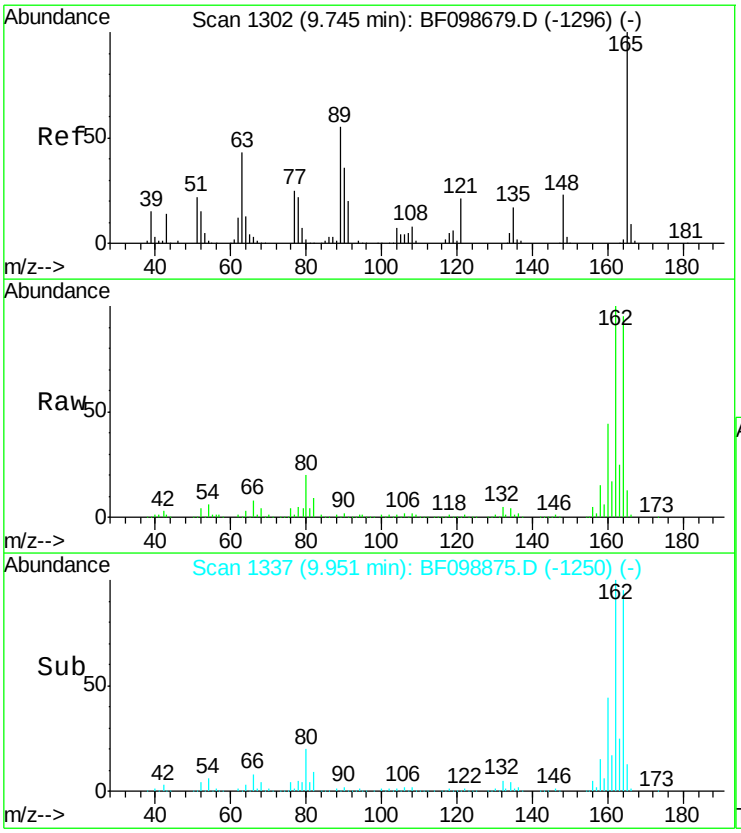
#49
Dimethylphthalate
Concen: 2.54 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44277

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2

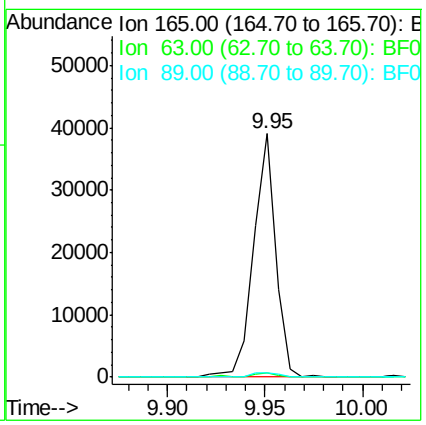


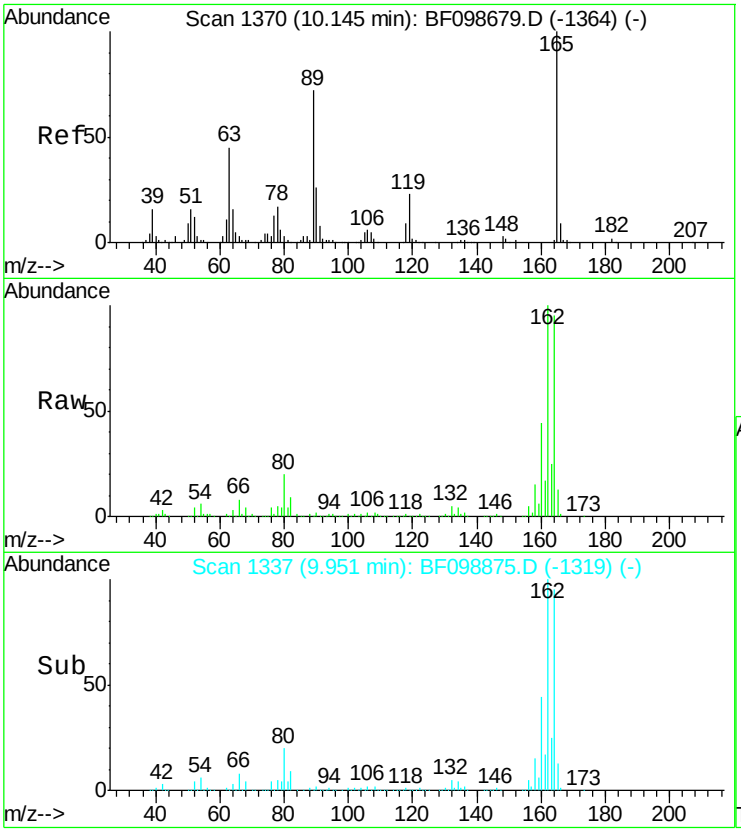


#50
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:165 Resp: 30529

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.8	44.0	66.0#



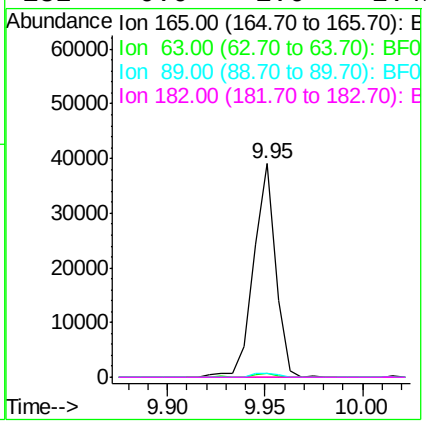


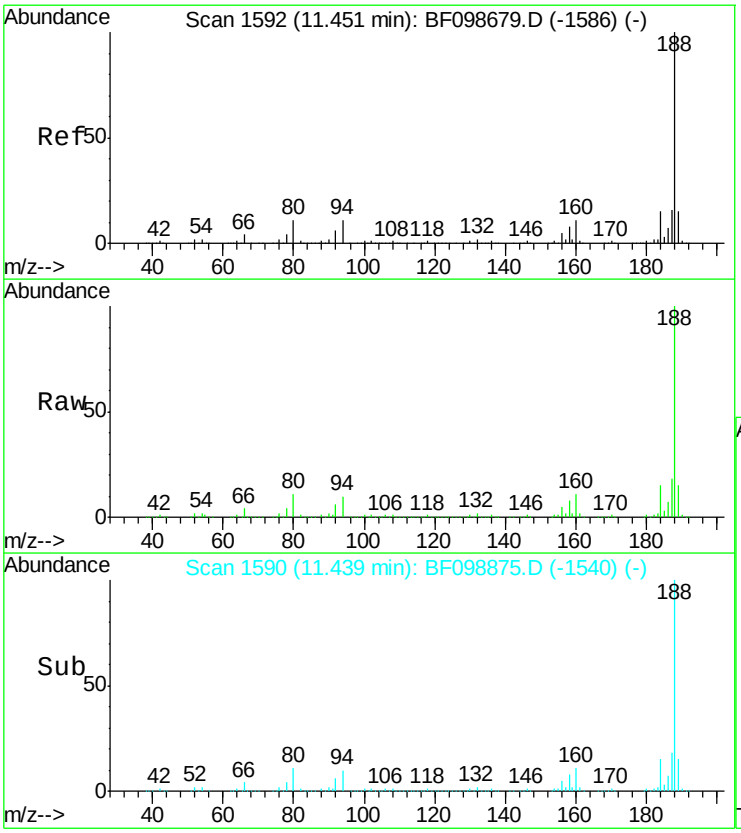
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30529

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

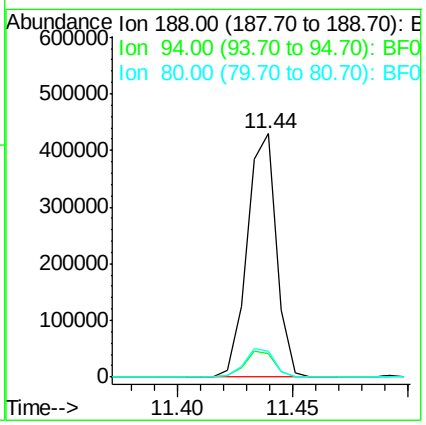


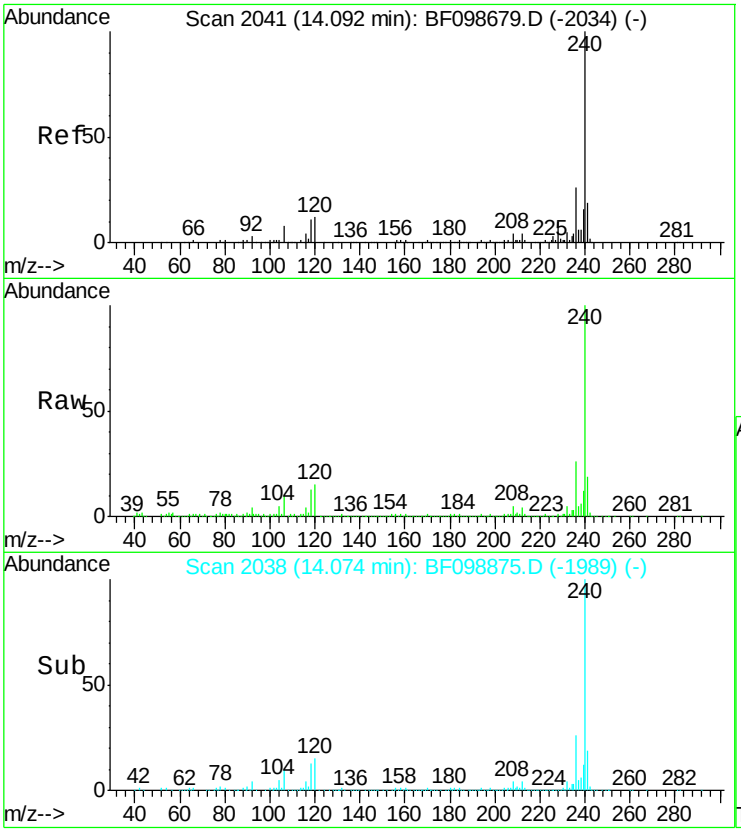


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:188 Resp: 382158

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8



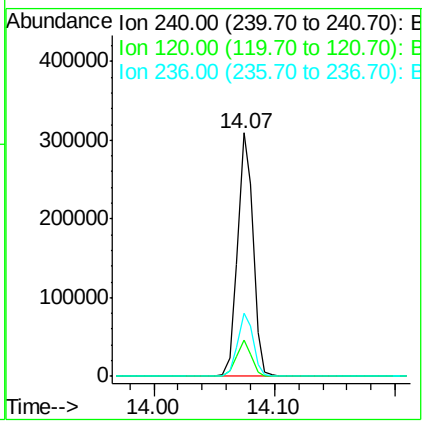


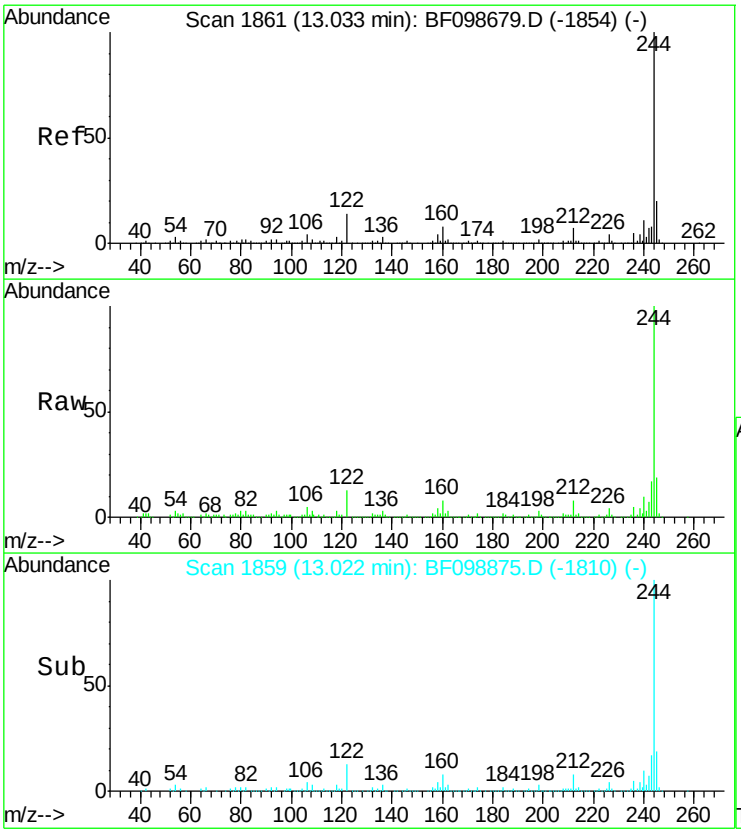
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 279073

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1

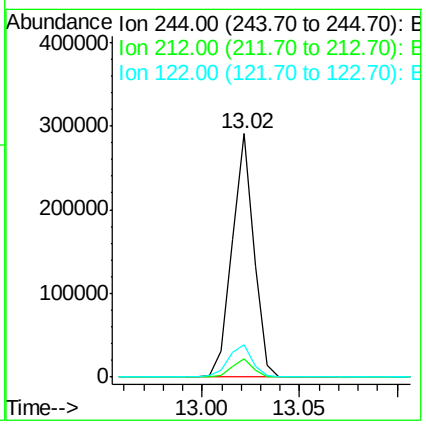


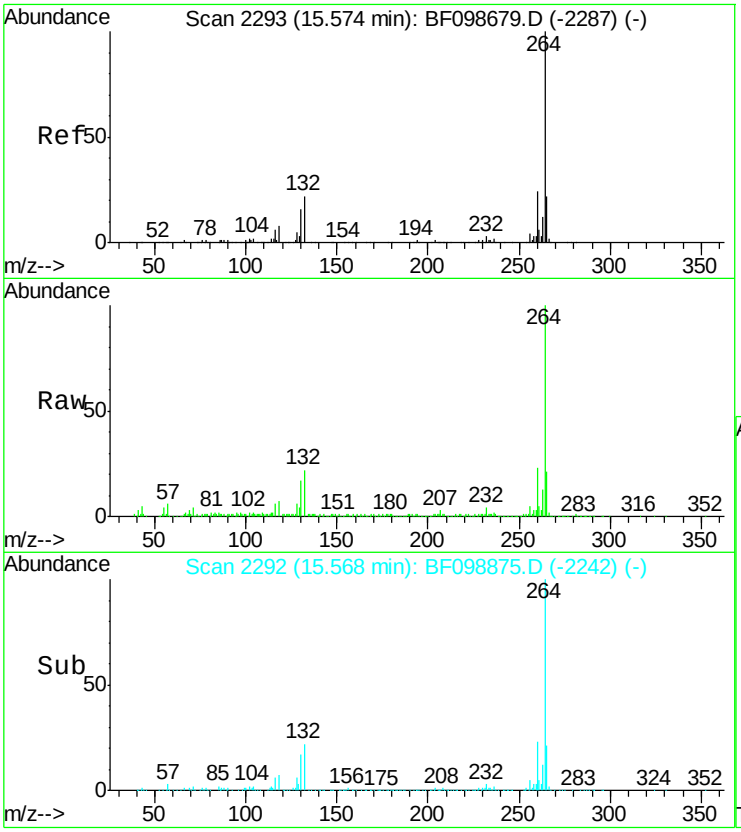


#78
Terphenyl-d14
Concen: 18.25 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Tgt Ion:244 Resp: 223920

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 243966

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3