Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098626.D
Acq On : 19 Sep 2017 3:09
Operator : SJ/JU
Sample : I5262-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:43:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	100697	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	402972	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	182135	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	376018	20.00	ng	0.00
75) Chrysene-d12	13.79	240	250871	20.00	ng	0.00
86) Perylene-d12	15.18	264	240292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	287613	42.23	ng	0.00
7) Phenol-d6	6.29	99	228414	26.41	ng	0.00
23) Nitrobenzene-d5	7.20	82	606448	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	115302	94.85	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1098026	102.18	ng	0.00
78) Terphenyl-d14	12.73	244	914162	78.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	11602	2.052	ng	# 78
19) n-Nitroso-di-n-propylamine	7.20	70	83173	15.291	ng	# 81
25) Isophorone	7.20	82	606441	41.467	ng	# 67
49) Dimethylphthalate	9.39	163	48249	3.422	ng	100
50) 2,6-Dinitrotoluene	9.67	165	22580	7.797	ng	# 35
56) 2,4-Dinitrotoluene	9.67	165	22580	6.413	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.46	198	161	5.027	ng	# 1
66) 4-Bromophenyl-phenylether	10.46	248	8875	2.487	ng	# 1

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

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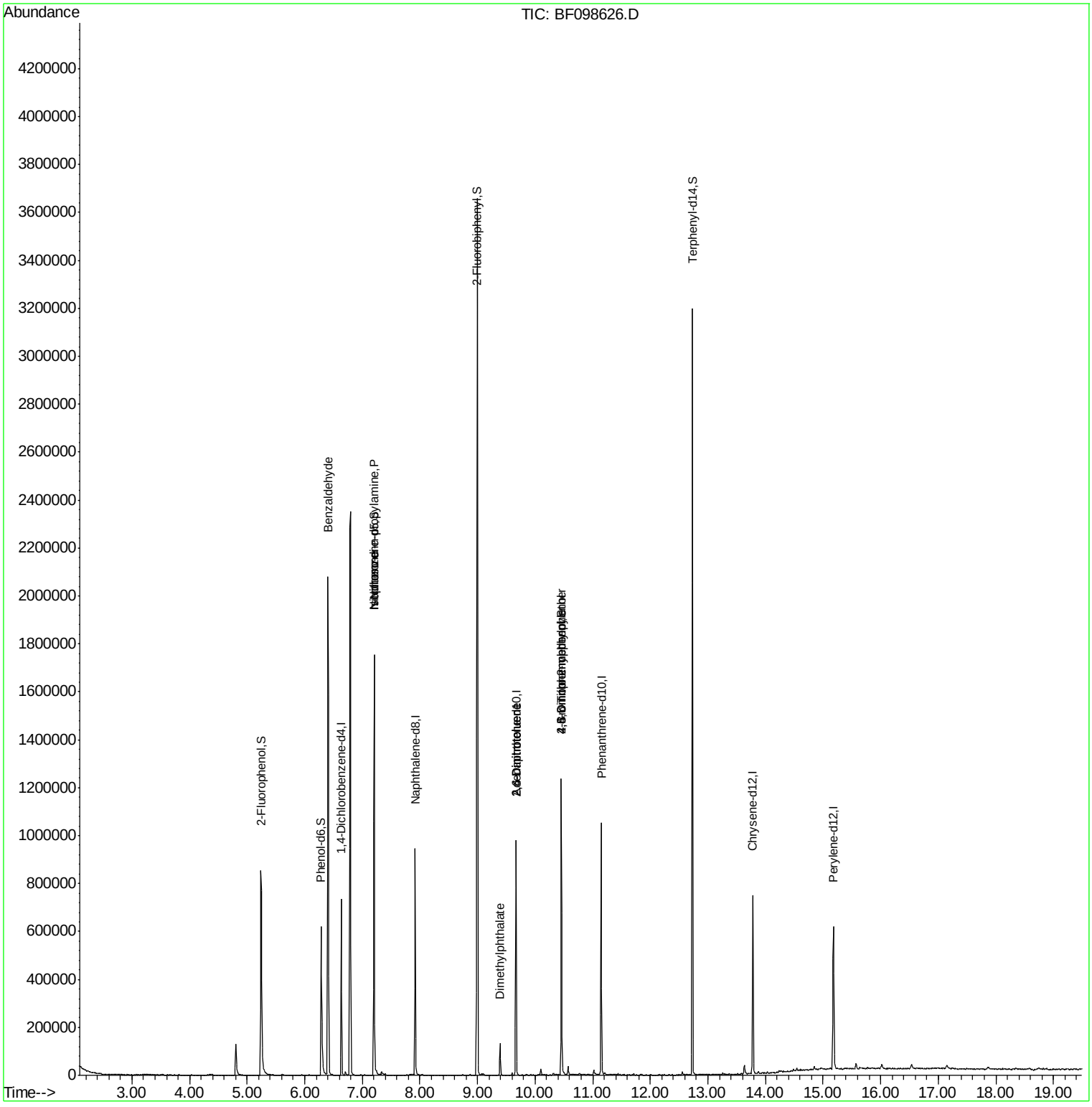
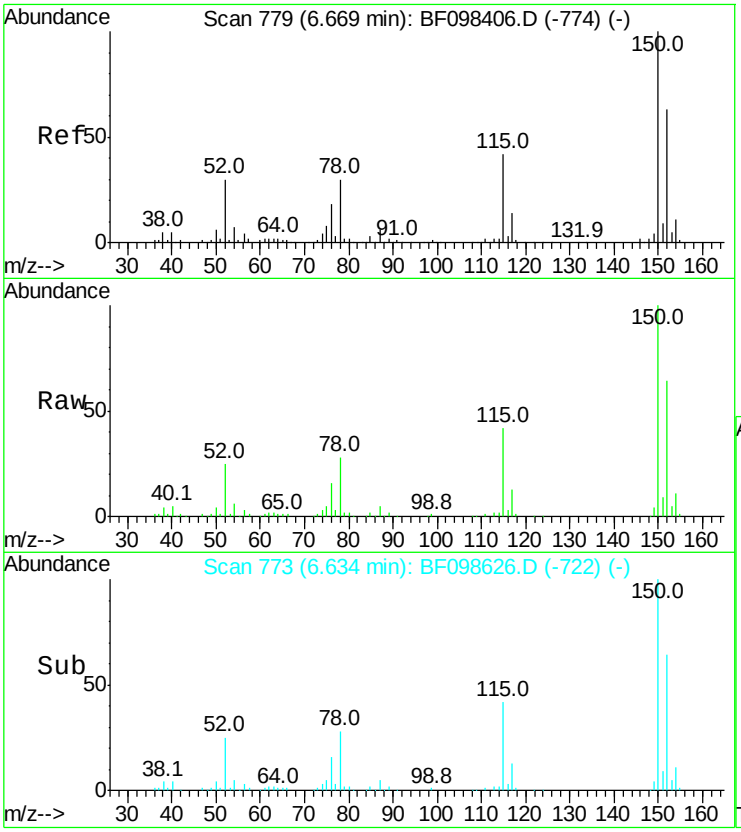


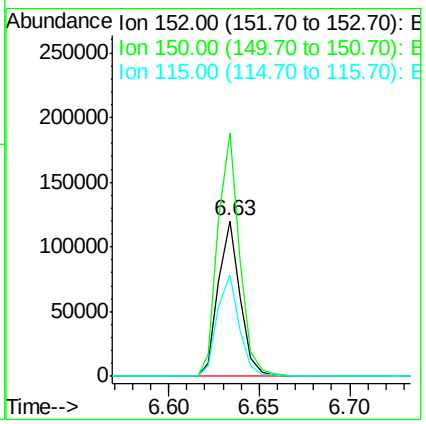


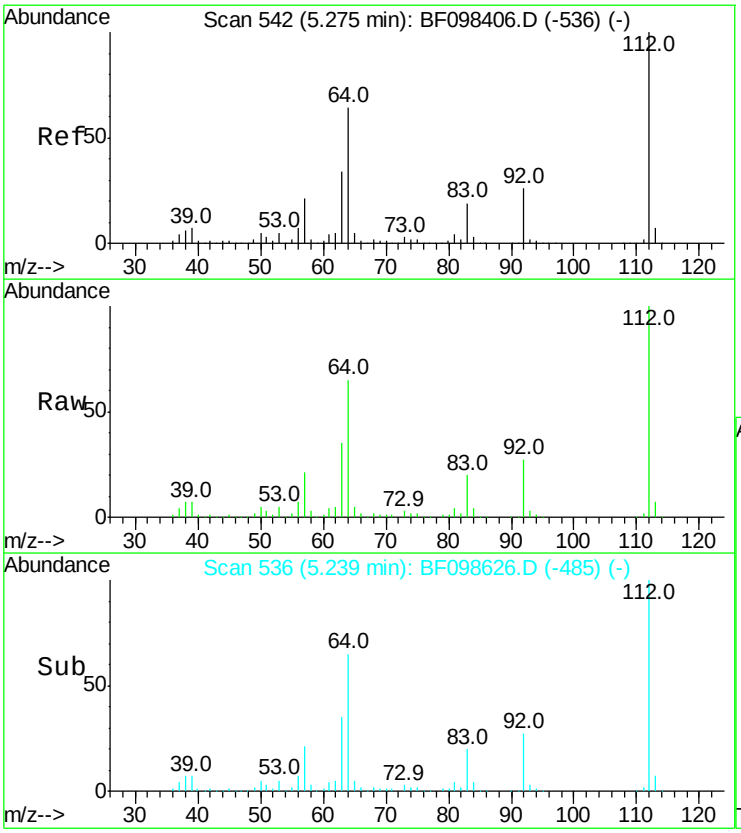
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100697

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	65.7	52.2	78.2

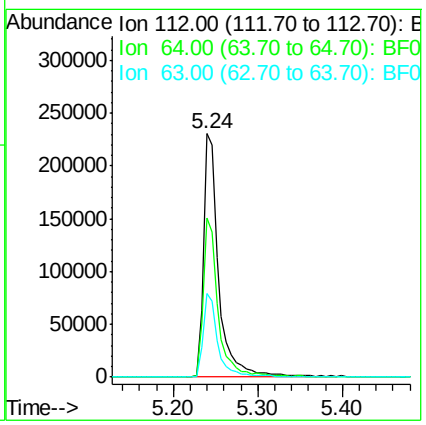


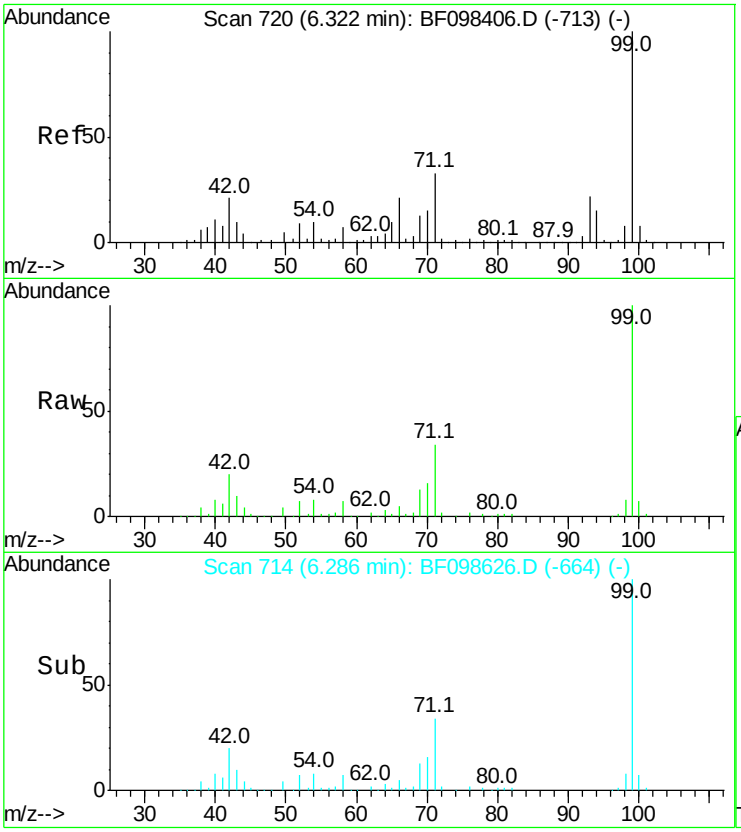


#5
2-Fluorophenol
Concen: 42.230 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:112 Resp: 287613

Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.0	69.0
63	34.5	23.4	35.0



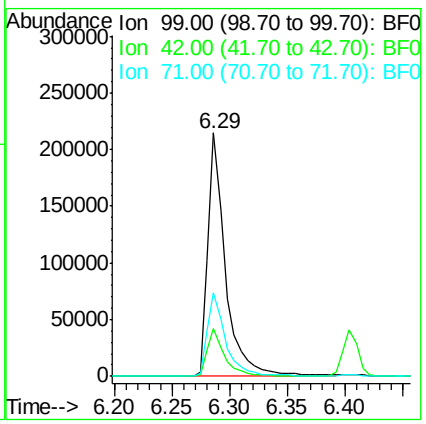


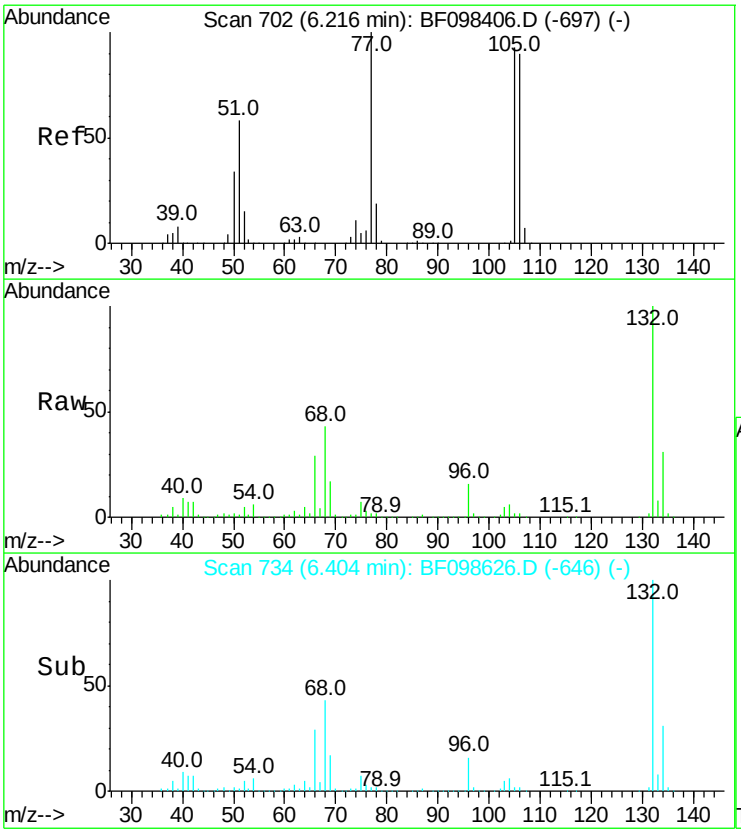
#7
Phenol-d6
Concen: 26.415 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 228414

Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.5	20.3
71	34.5	24.5	36.7

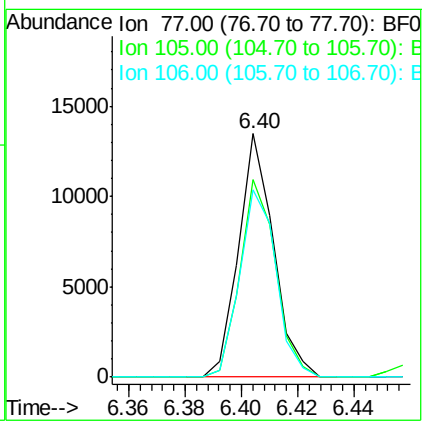


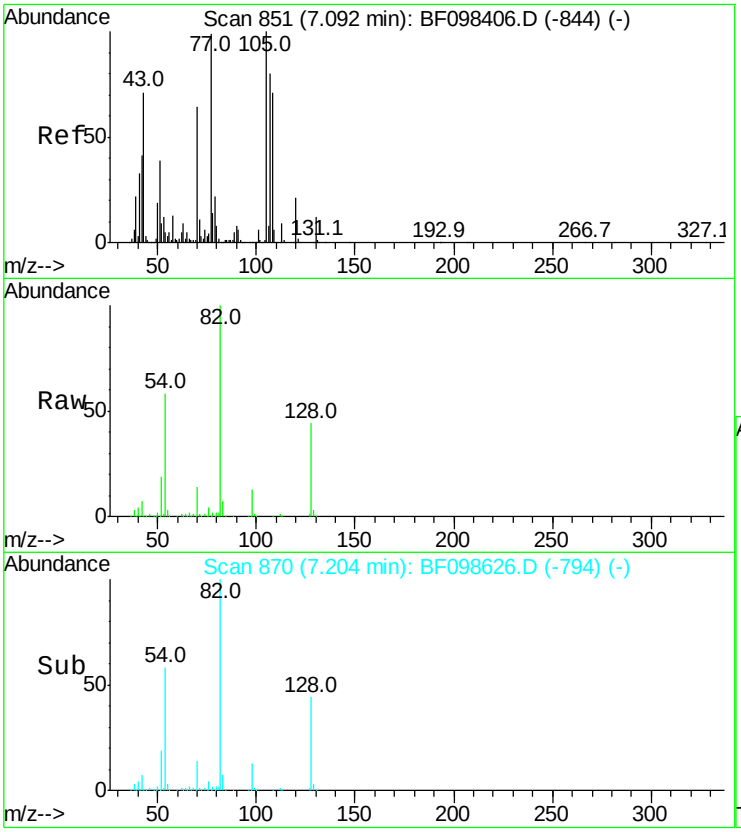


#9
Benzaldehyde
Concen: 2.052 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.22 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion: 77 Resp: 11602

Ion	Ratio	Lower	Upper
77	100		
105	81.3	83.8	123.8#
106	76.7	79.1	119.1#



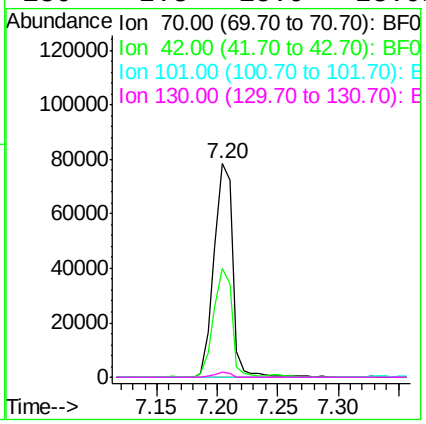


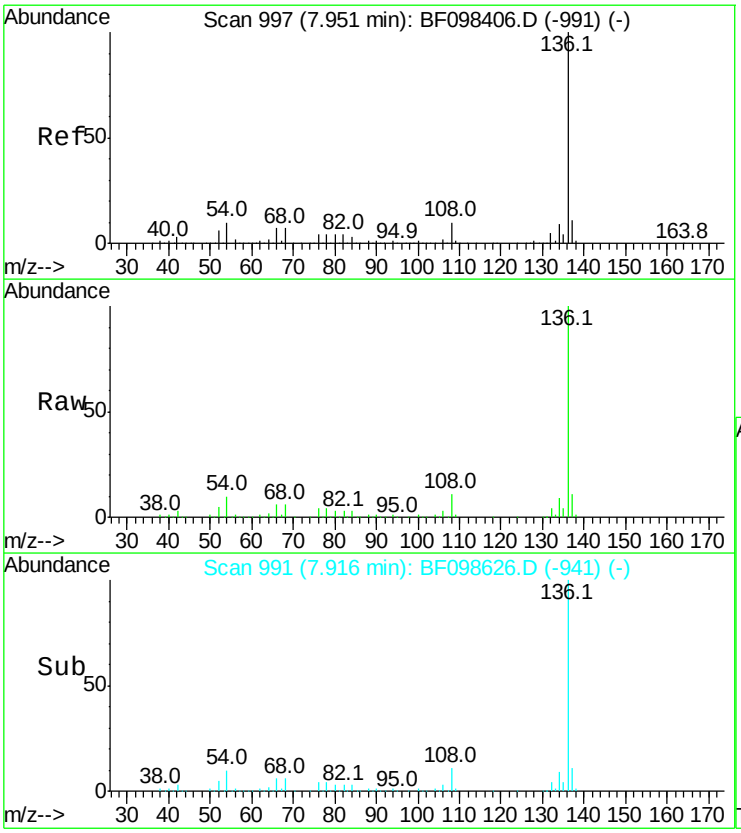
#19
n-Nitroso-di-n-propylamine
Concen: 15.291 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 83173

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

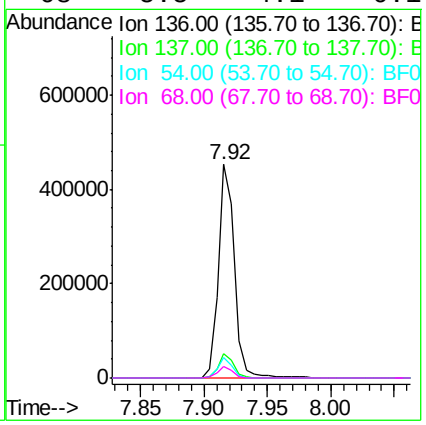


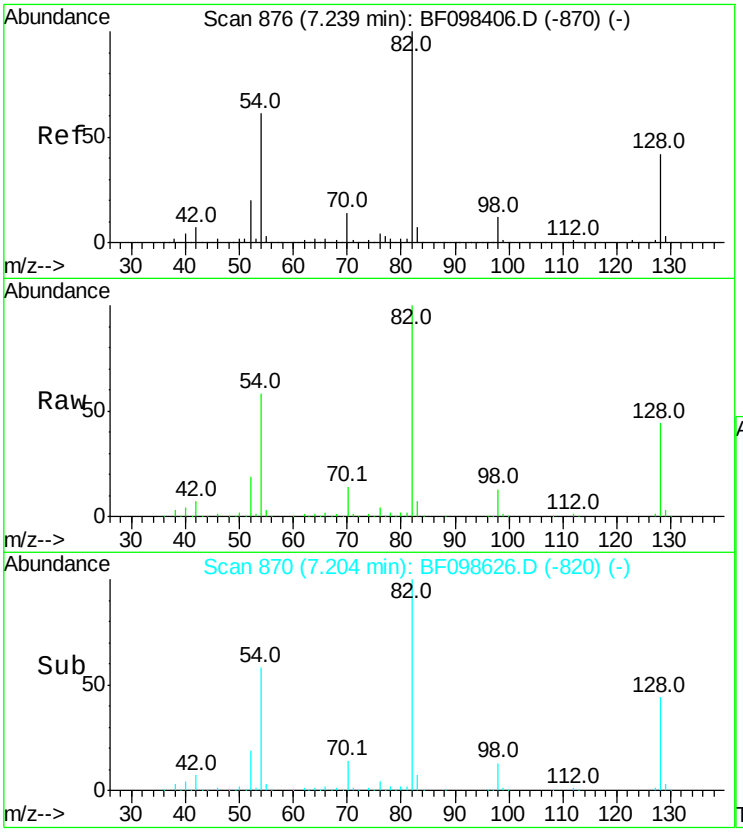


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:136 Resp: 402972

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.8	4.9	7.3#
68	5.5	4.1	6.1



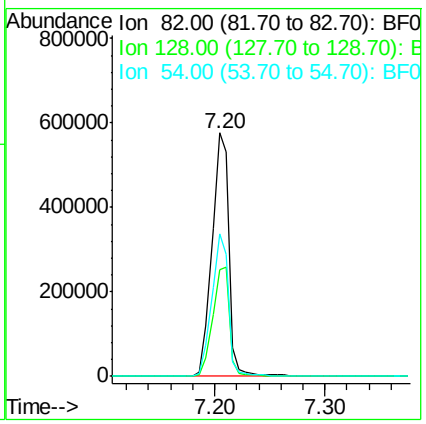


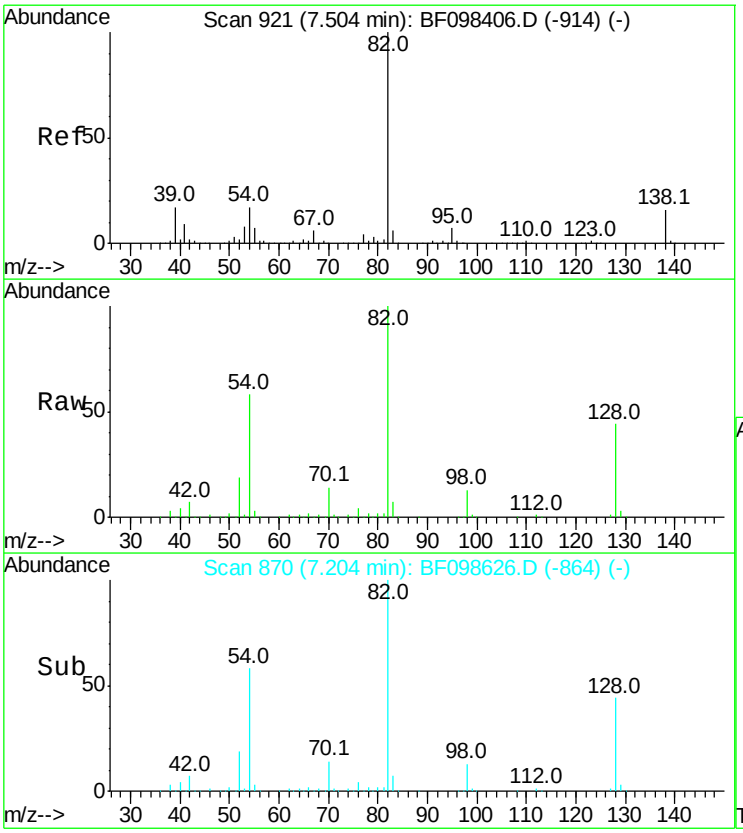
#23
Nitrobenzene-d5
Concen: 83.900 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 606448

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	58.4	42.2	63.2

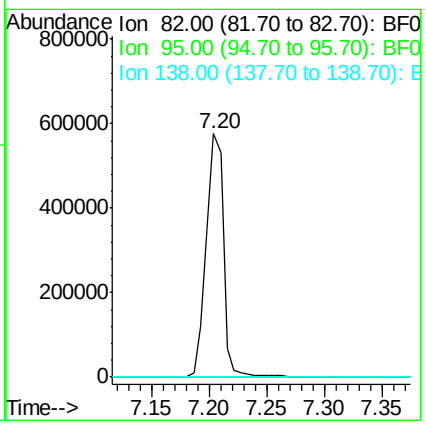


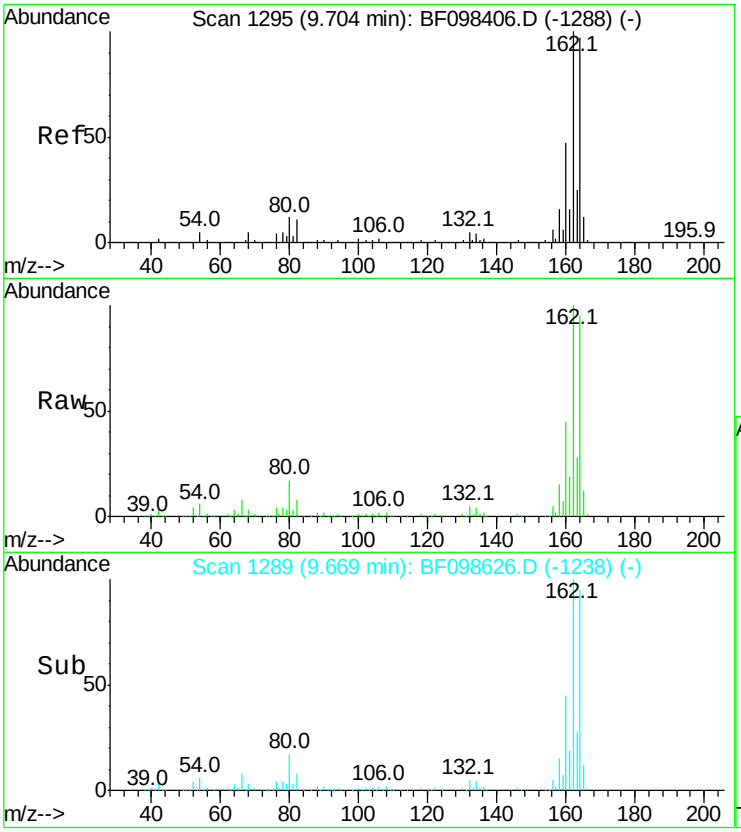


#25
Isophorone
Concen: 41.467 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion: 82 Resp: 606441

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



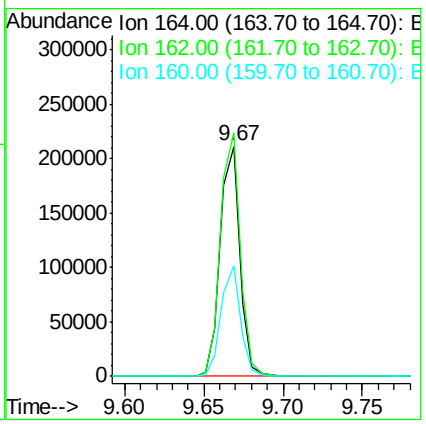


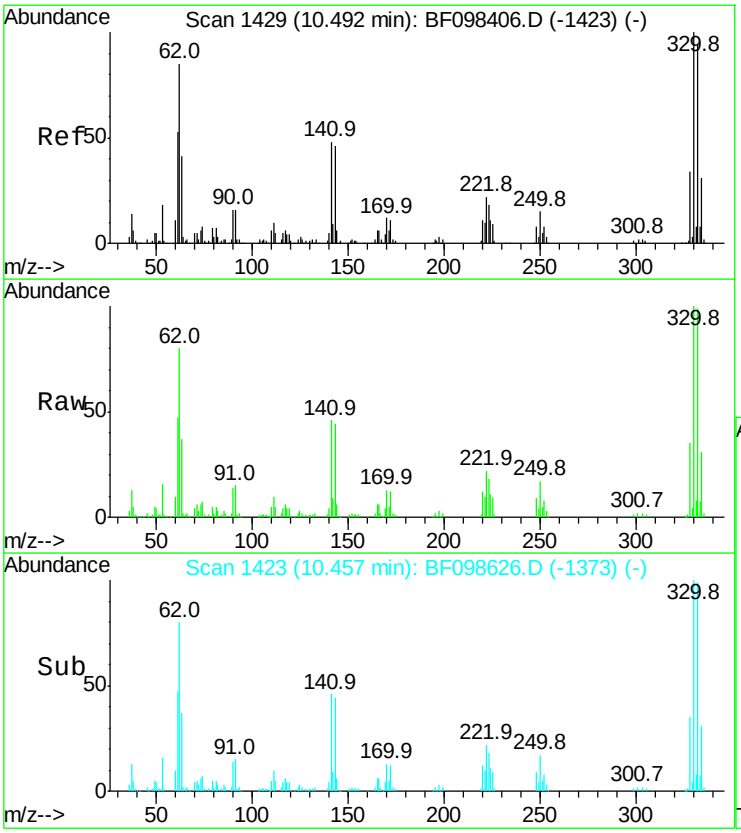
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182135

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	48.0	36.2	54.2

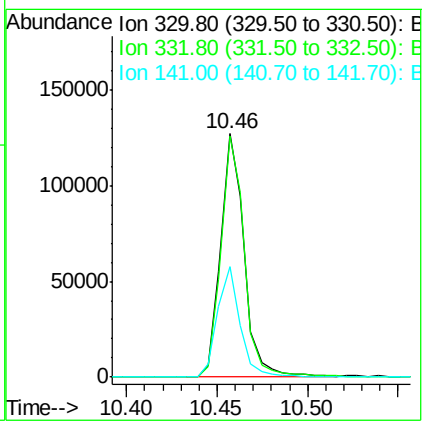


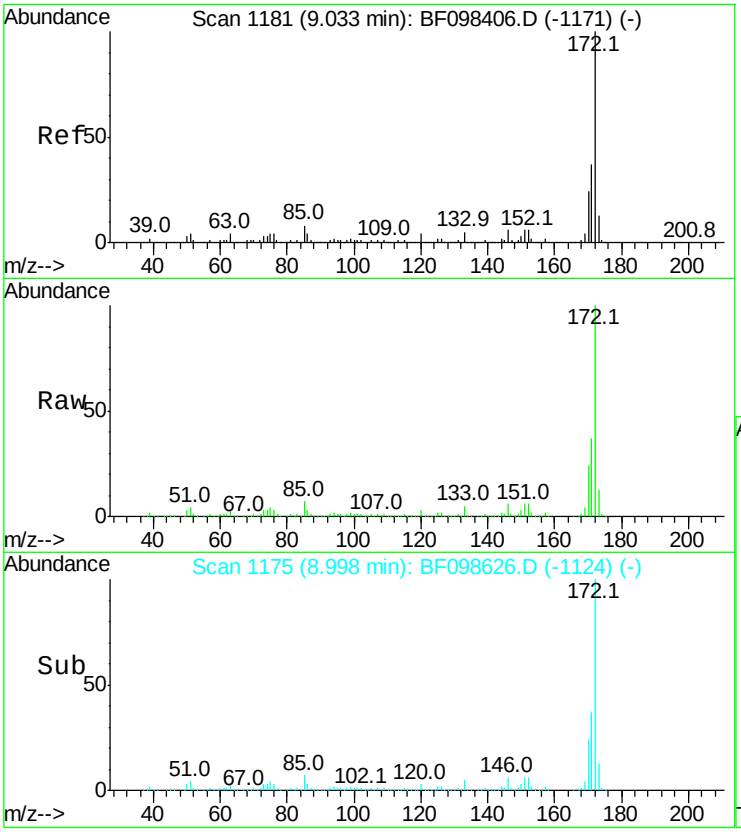


#41
2,4,6-Tribromophenol
Concen: 94.852 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:330 Resp: 115302

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	43.5	31.4	47.2



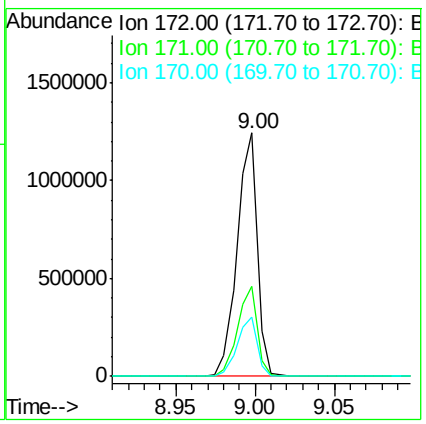


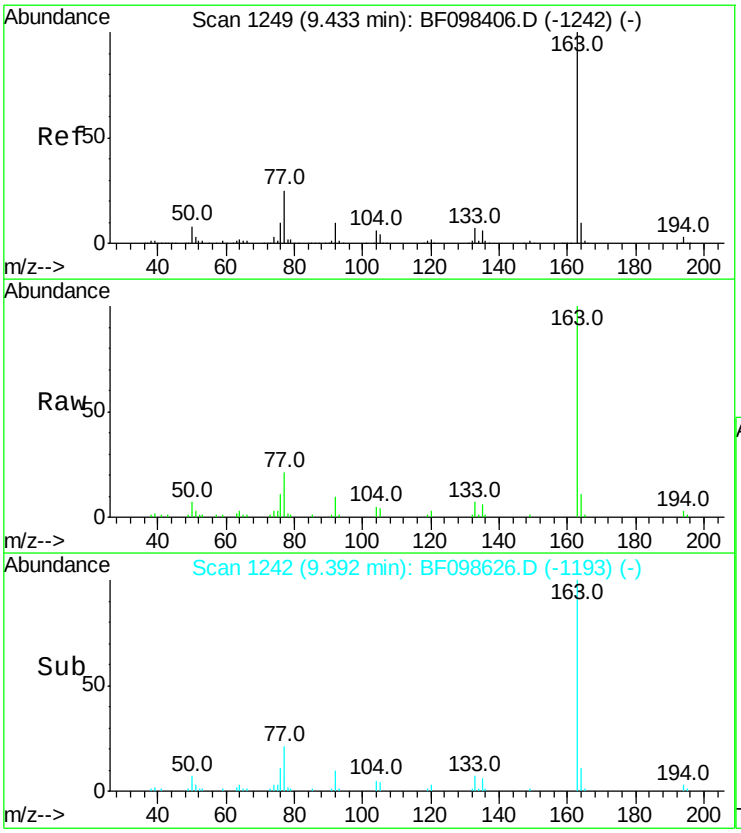
#44
2-Fluorobiphenyl
Concen: 102.180 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1098026

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8

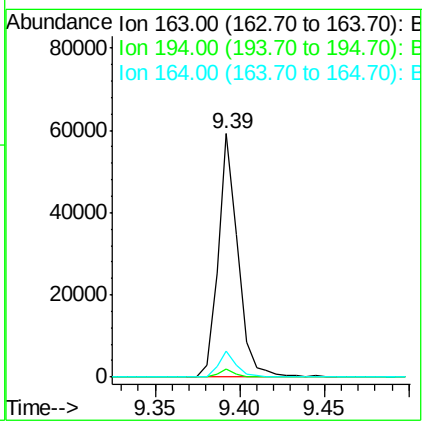


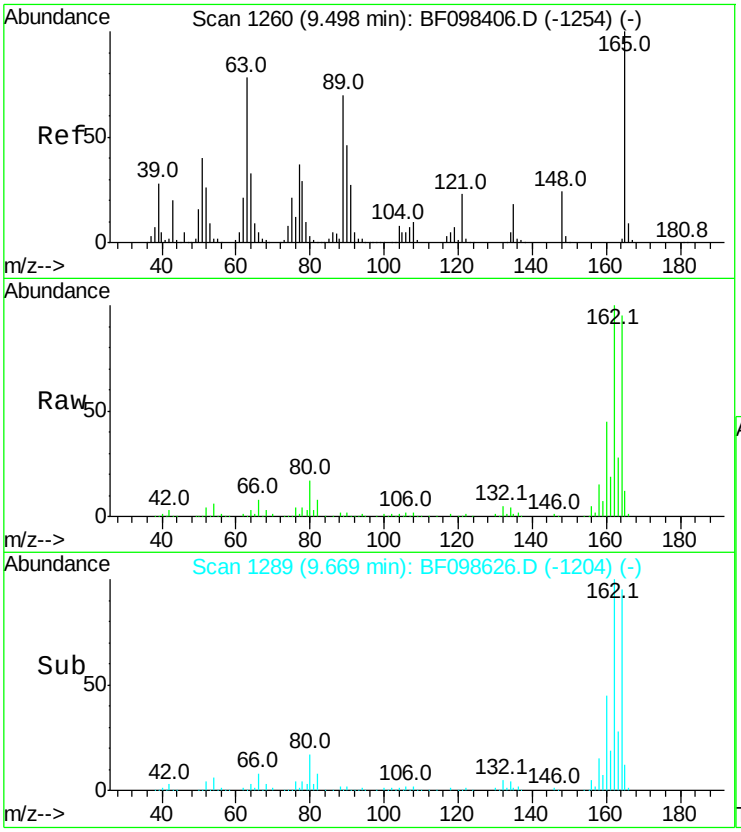


#49
Dimethylphthalate
Concen: 3.422 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:163 Resp: 48249

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6



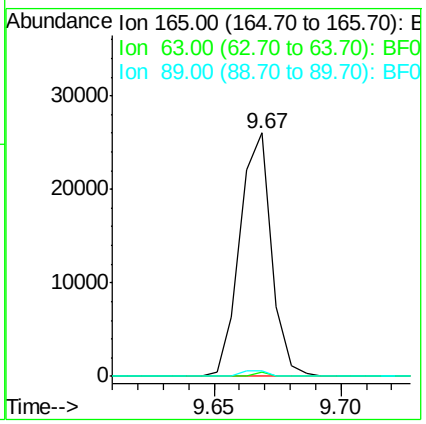


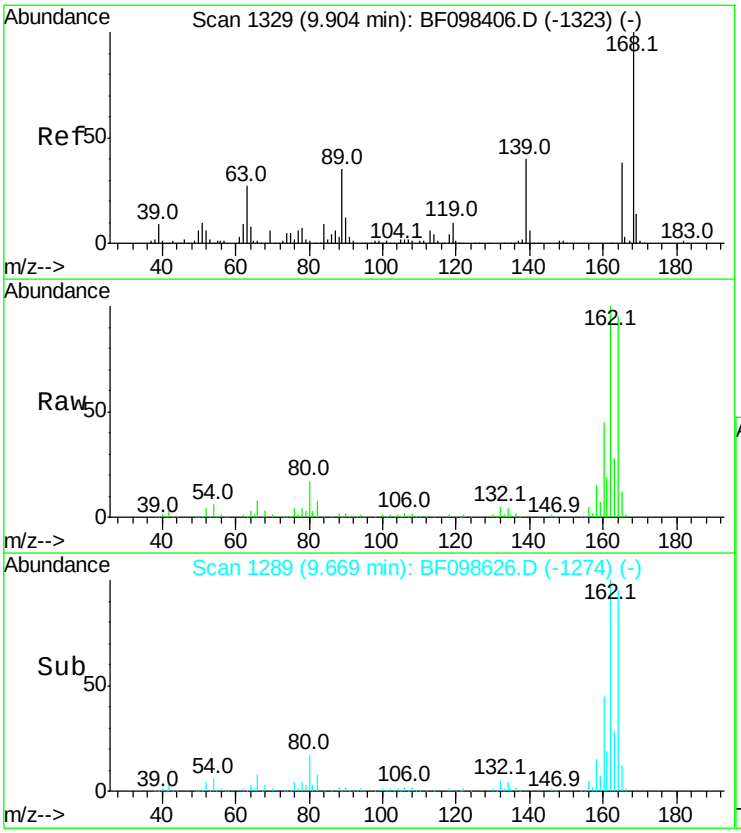
#50
2,6-Dinitrotoluene
Concen: 7.797 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.20 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22580

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.4	37.1	55.7#

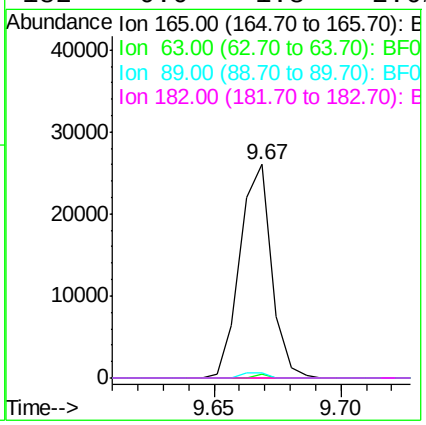


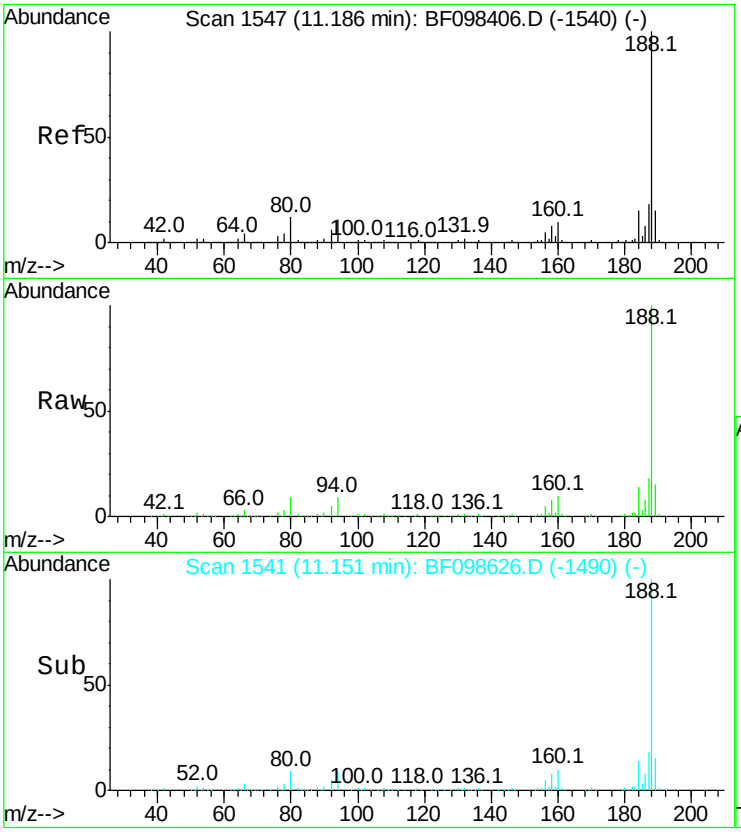


#56
2,4-Dinitrotoluene
Concen: 6.413 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.21 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:165 Resp: 22580

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#



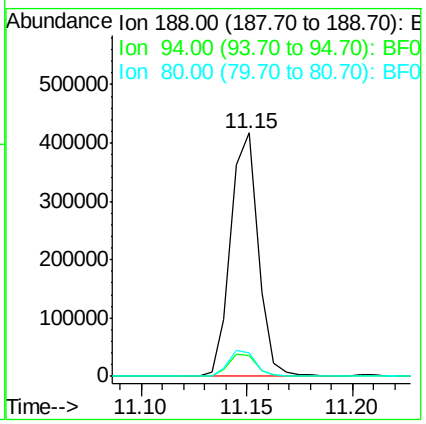


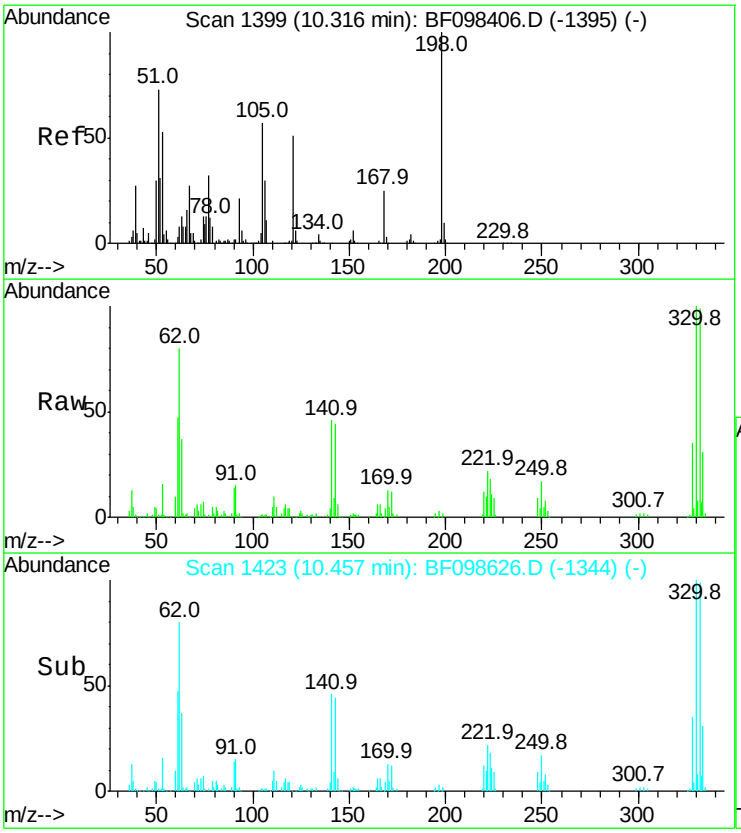
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 376018

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.4	14.2#
80	9.5	10.2	15.2#

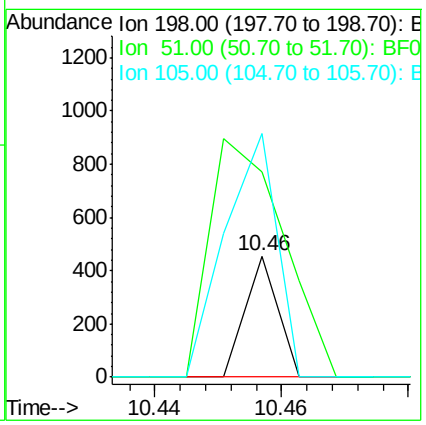


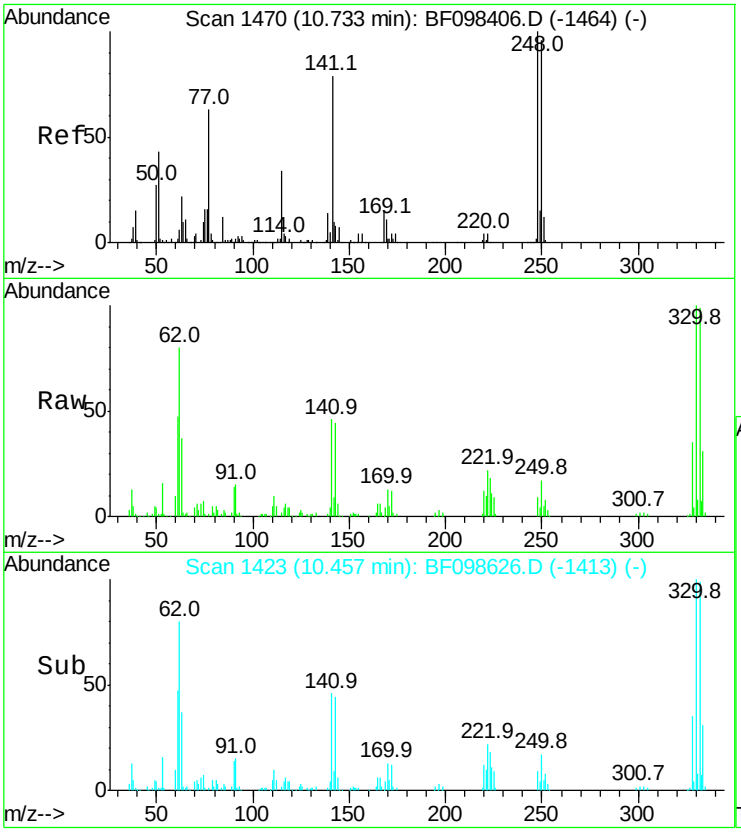


#64
4,6-Dinitro-2-methylphenol
Concen: 5.027 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:198 Resp: 161

Ion	Ratio	Lower	Upper
198	100		
51	169.2	53.2	93.2#
105	201.1	45.8	85.8#



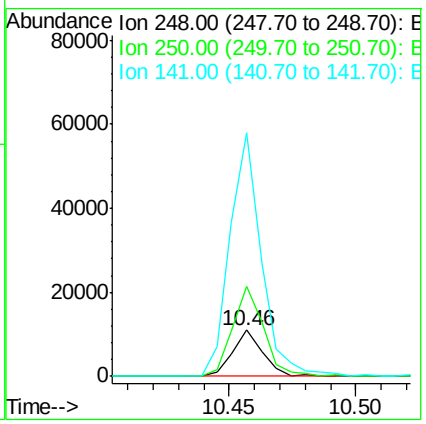


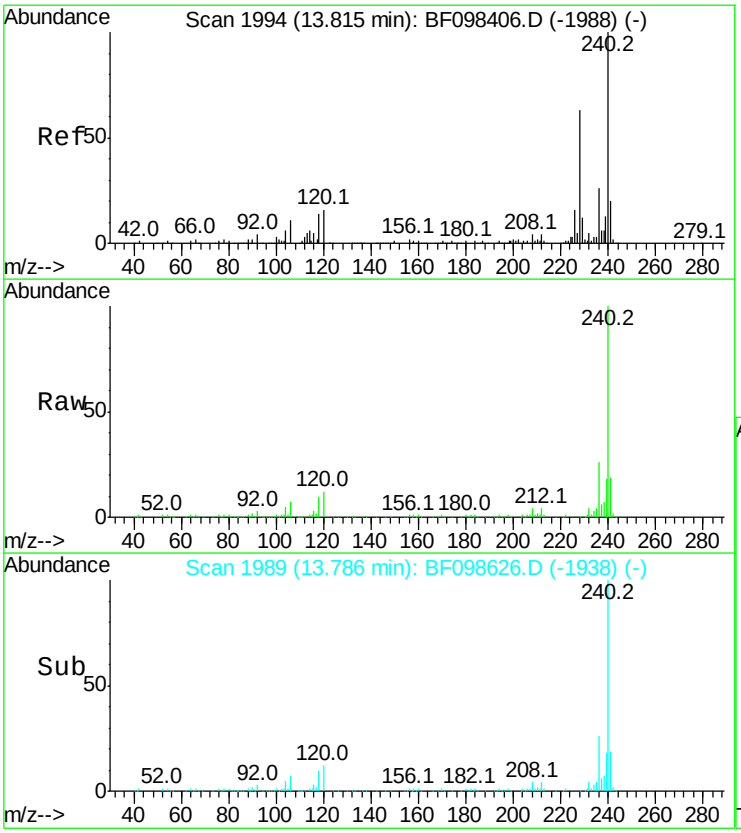
#66
4-Bromophenyl-phenylether
Concen: 2.487 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8875

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.8	115.2#
141	530.1	68.6	103.0#

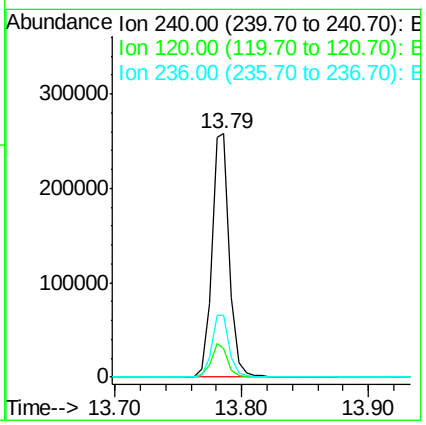


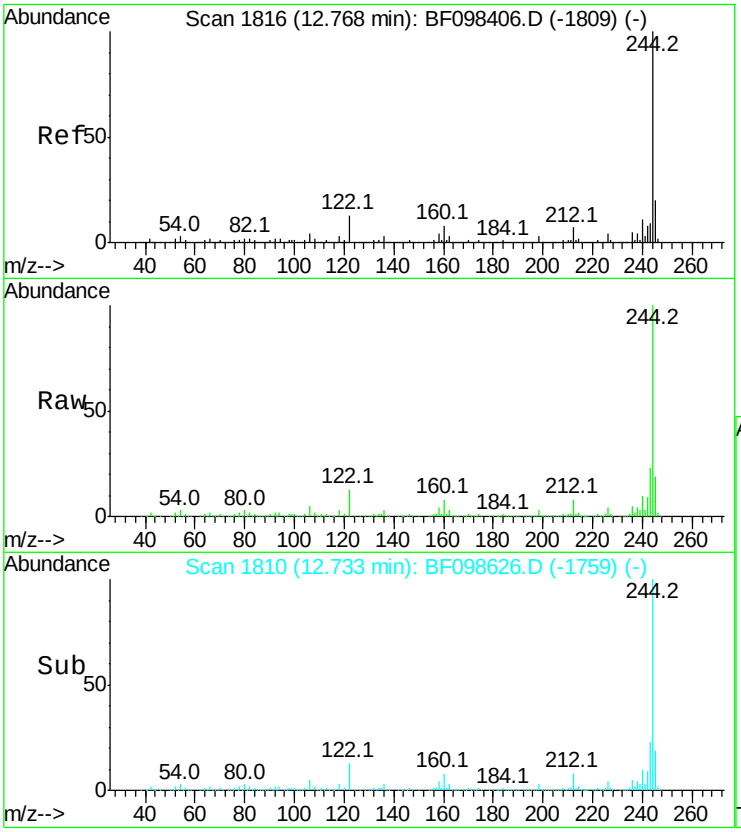


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:240 Resp: 250871

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	25.6	20.5	30.7



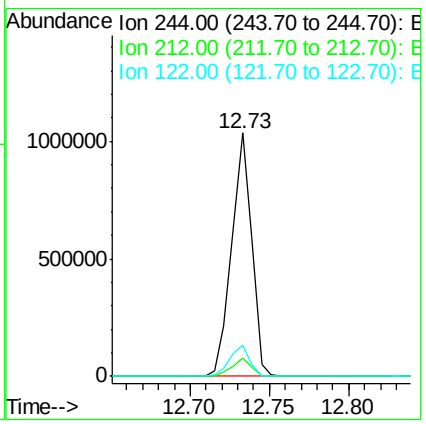


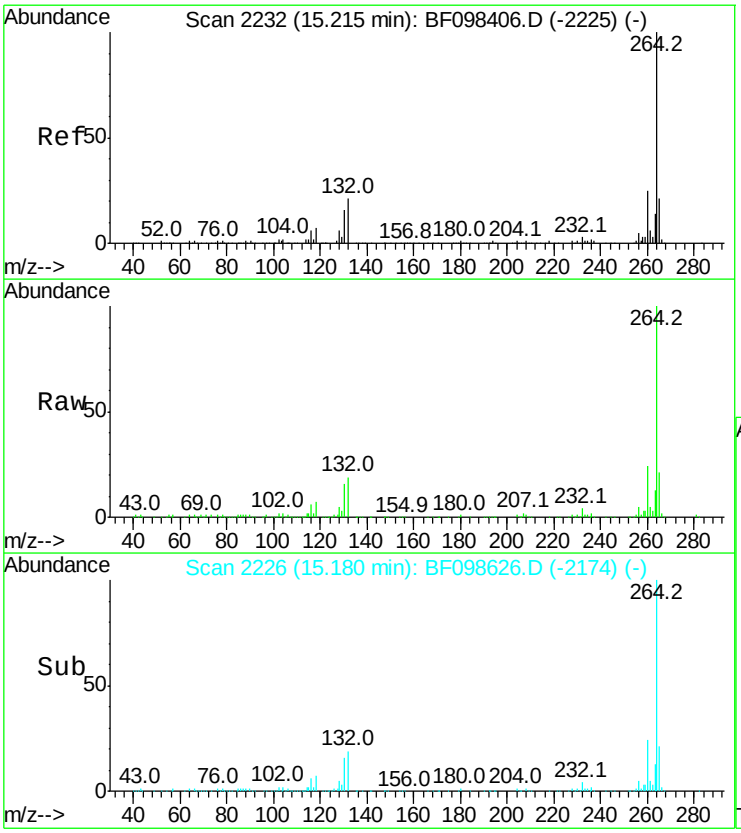
#78
Terphenyl-d14
Concen: 78.653 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 914162

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098626.D
Acq: 19 Sep 2017 3:09

Tgt Ion:264 Resp: 240292

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8