Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098393.D
Acq On : 9 Sep 2017 18:39
Operator : SJ/JU
Sample : I5134-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 04:14:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	89800	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	349237	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	149471	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	254149	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	218523	20.00	ng	-0.04
86) Perylene-d12	15.22	264	192451	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	620768	105.15	ng	-0.01
7) Phenol-d6	6.34	99	915155	114.09	ng	-0.01
23) Nitrobenzene-d5	7.25	82	526323	81.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	136600	105.33	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	845031	83.06	ng	-0.04
78) Terphenyl-d14	12.77	244	603512	57.59	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	69227	12.607	ng	# 68
25) Isophorone	7.25	82	526220	39.365	ng	# 67
32) Benzoic acid	7.75	122	109	6.428	ng	# 48
47) 2-Nitroaniline	9.16	65	7124	2.110	ng	# 17
49) Dimethylphthalate	9.43	163	94254	8.627	ng	99
56) 2,4-Dinitrotoluene	9.70	165	18728	6.843	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.49	198	120	8.404	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	8523	3.229	ng	# 1

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

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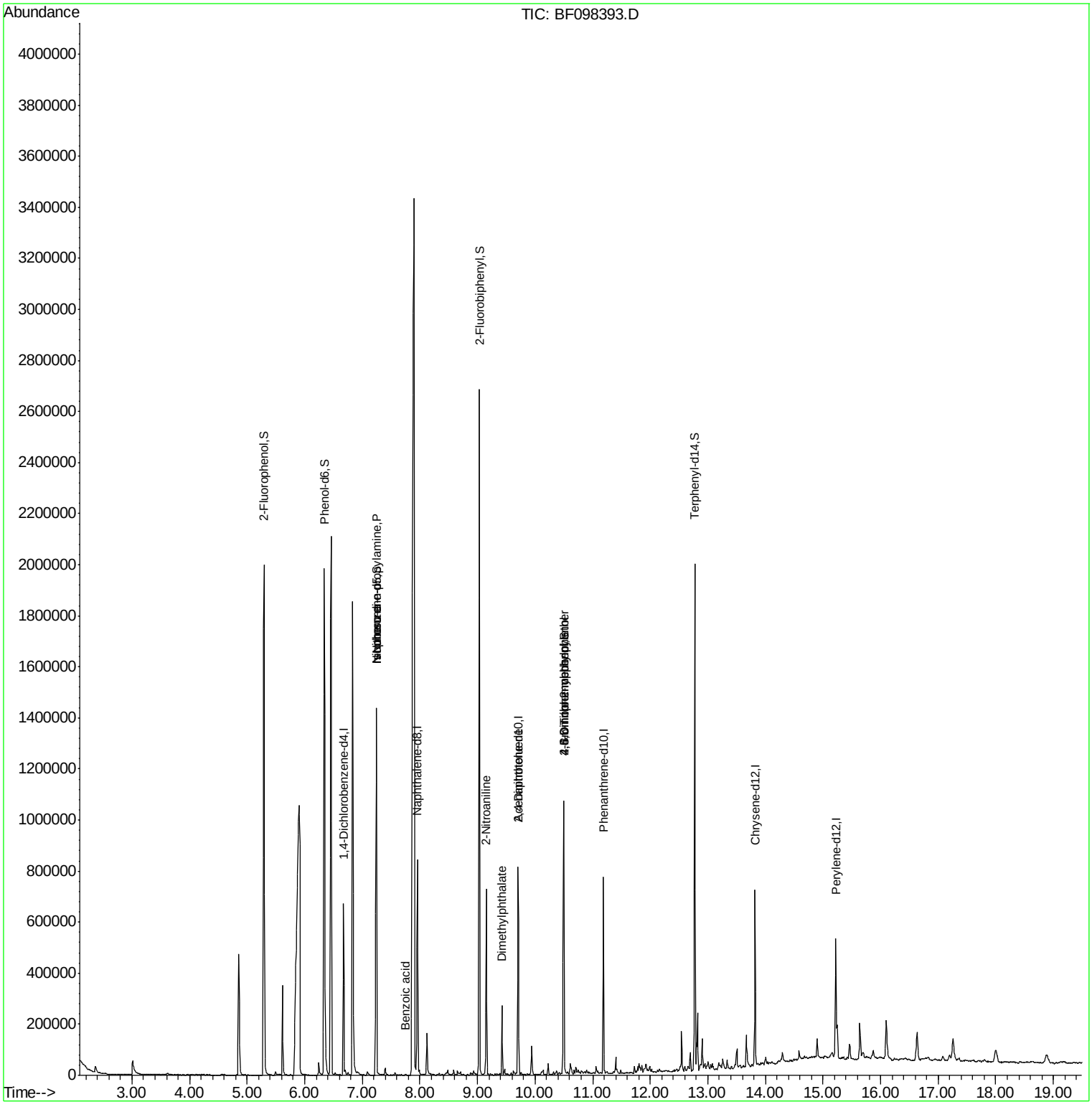
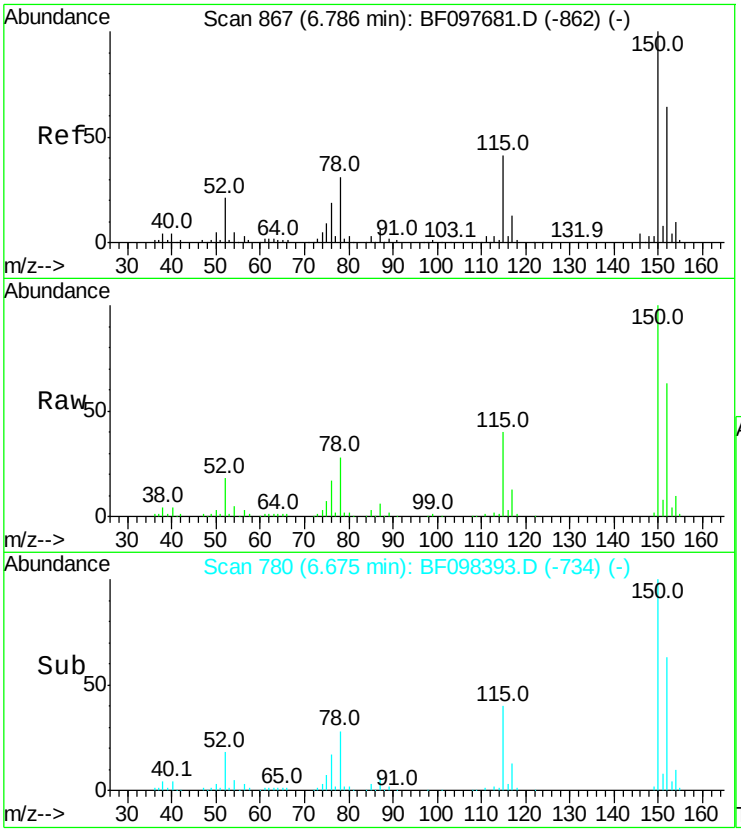


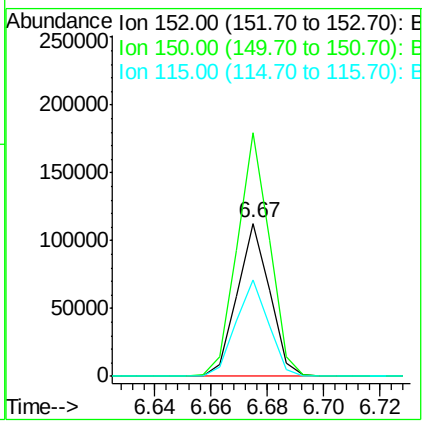


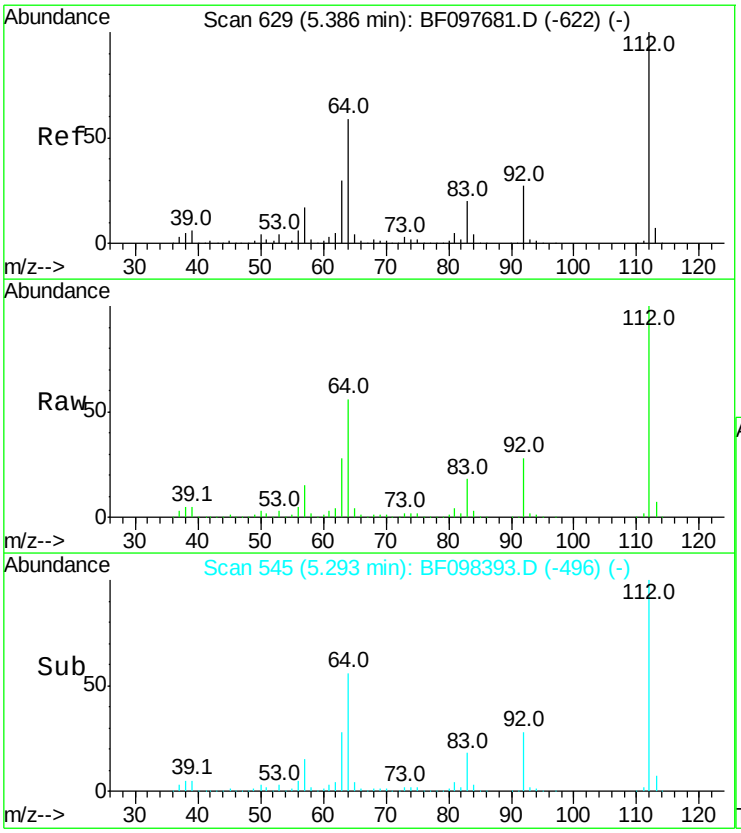
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89800

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	63.2	52.2	78.2

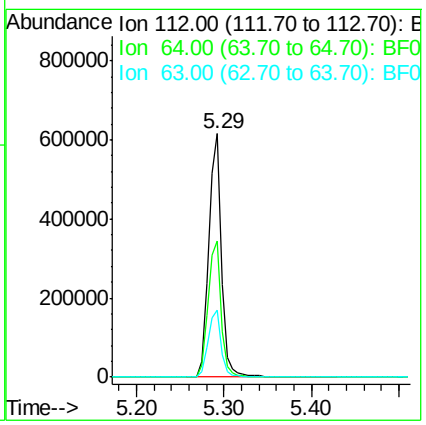


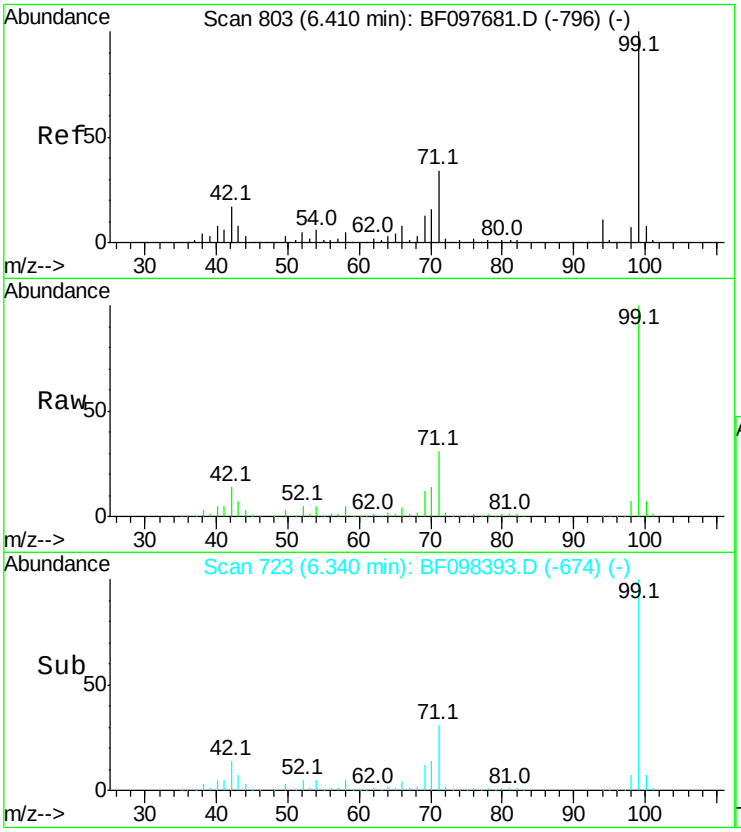


#5
2-Fluorophenol
Concen: 105.149 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:112 Resp: 620768

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.5	23.4	35.0



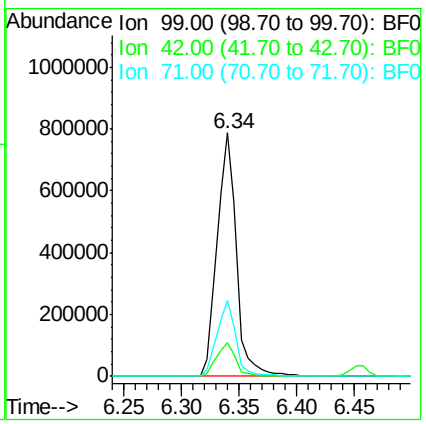


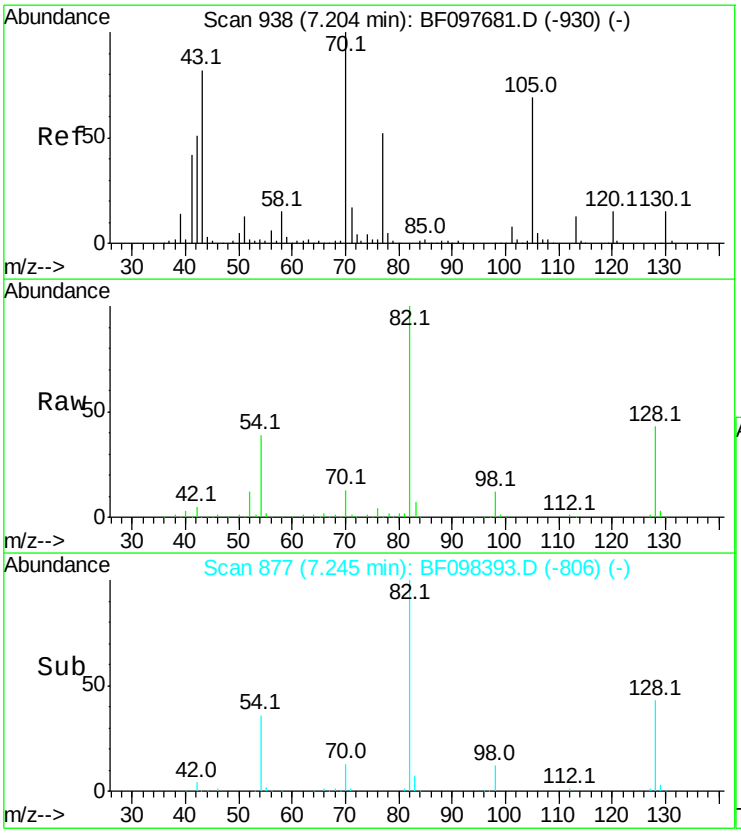
#7
Phenol-d6
Concen: 114.088 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 915155

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	31.0	24.5	36.7

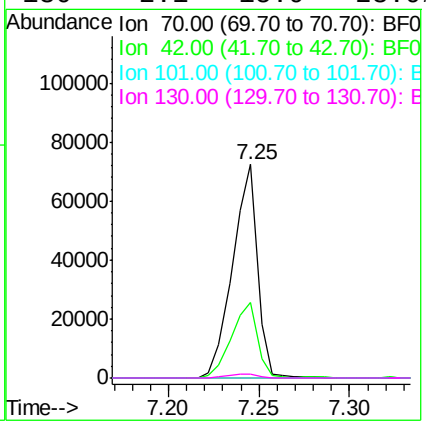


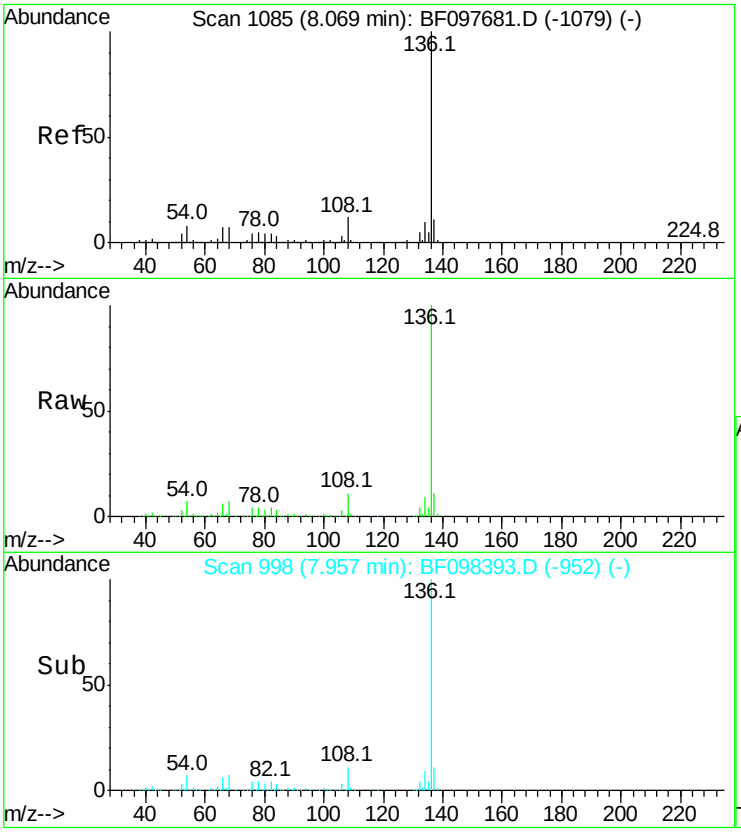


#19
n-Nitroso-di-n-propylamine
Concen: 12.607 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion: 70 Resp: 69227

Ion	Ratio	Lower	Upper
70	100		
42	35.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



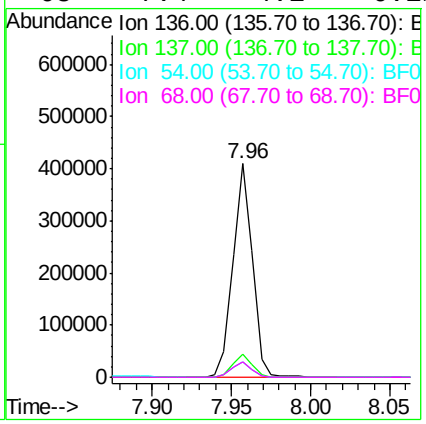


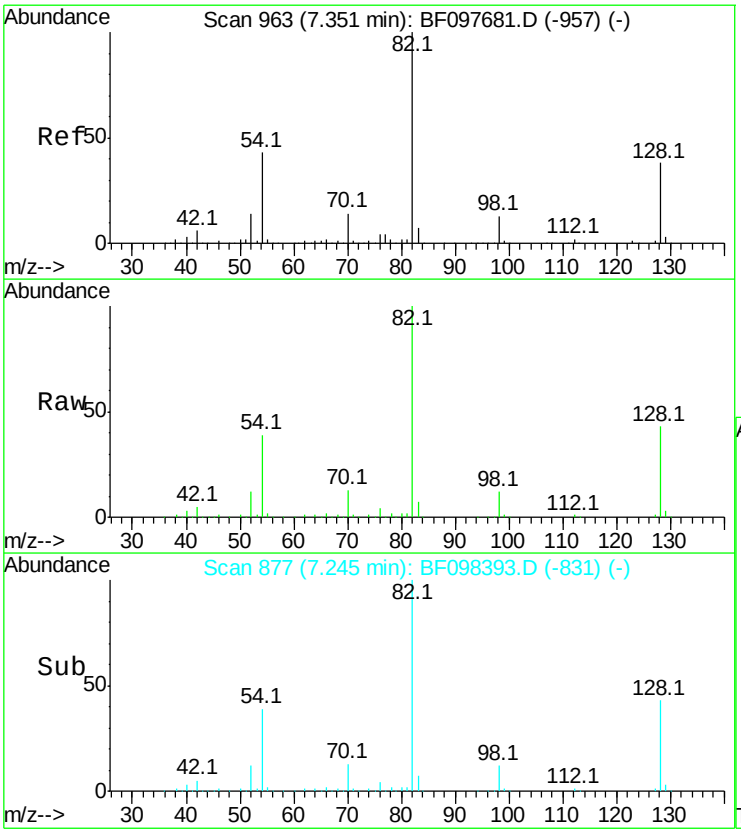
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 349237

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	7.4	4.1	6.1#

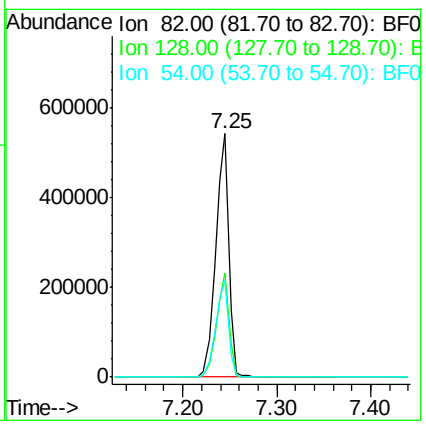


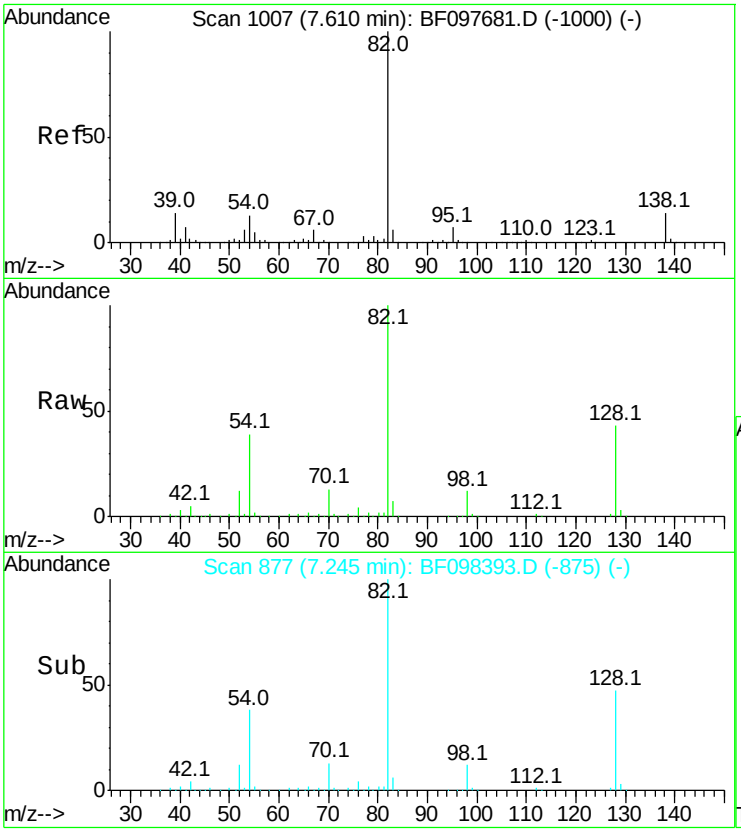


#23
Nitrobenzene-d5
Concen: 81.871 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion: 82 Resp: 526323

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	39.4	42.2	63.2#



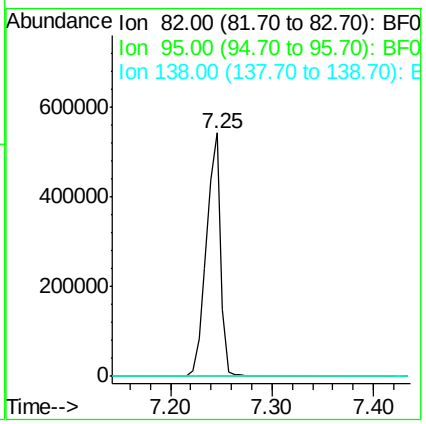


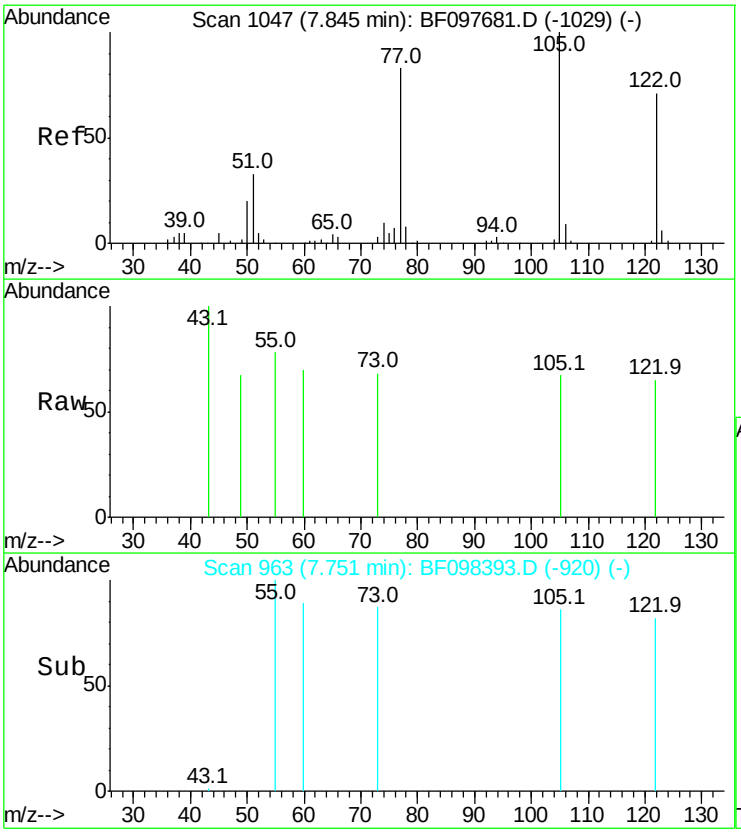
#25
Isophorone
Concen: 39.365 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 526220

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

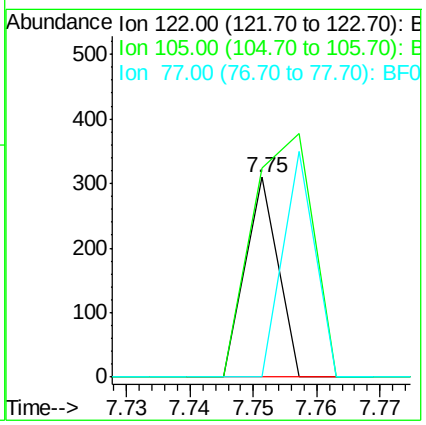


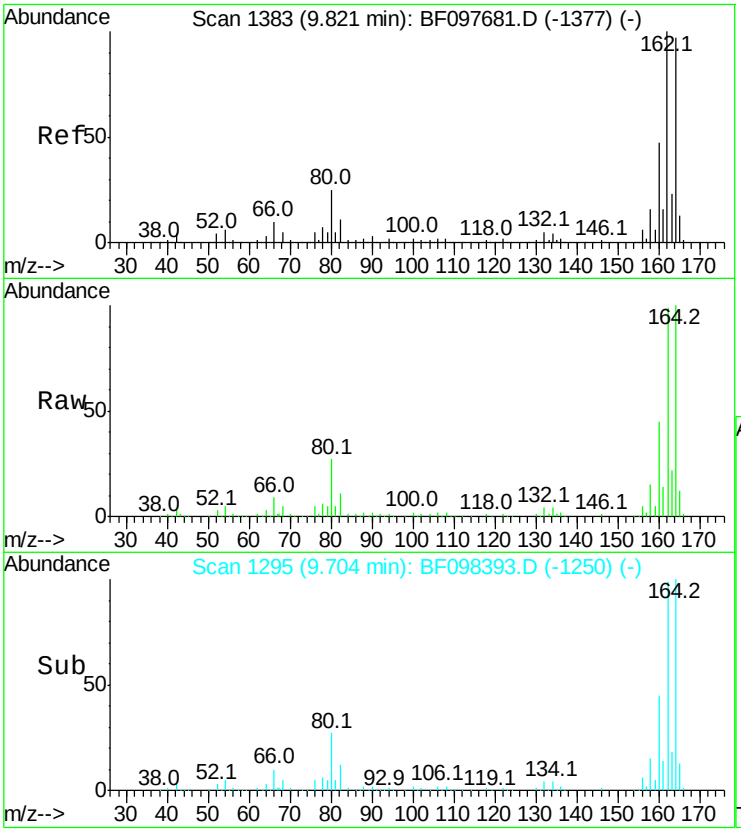


#32
Benzoic acid
Concen: 6.428 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	104.2	103.3	143.3
77	0.0	73.7	113.7#



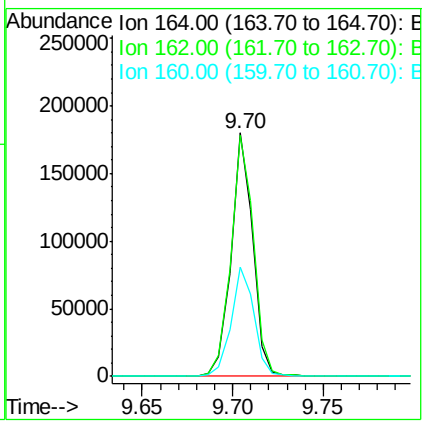


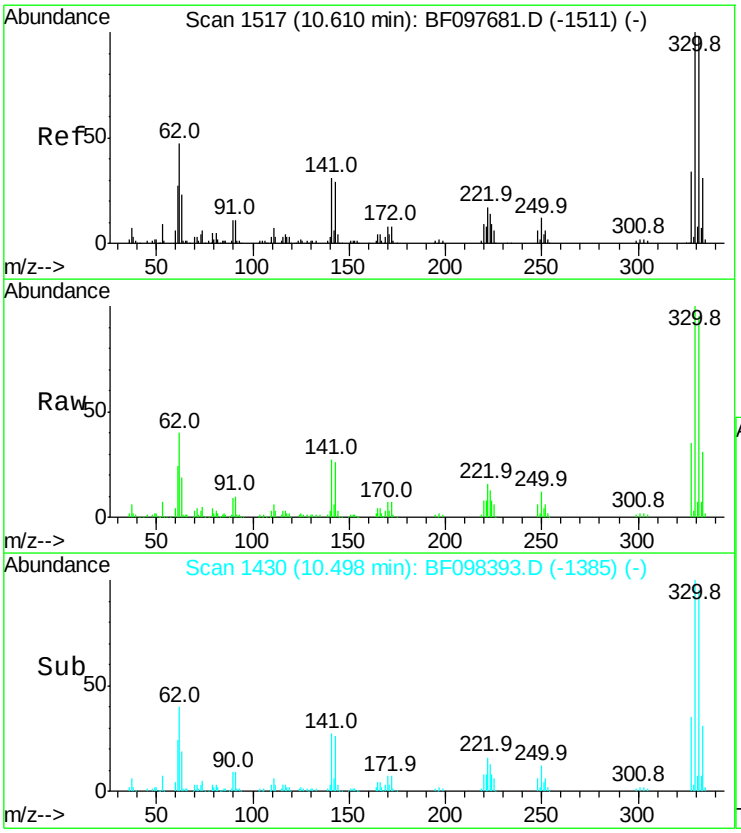
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 149471

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.6	123.8
160	44.6	36.2	54.2

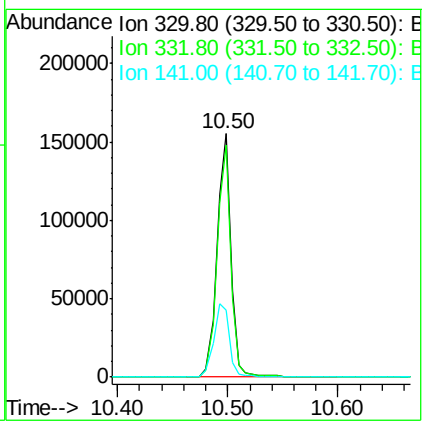


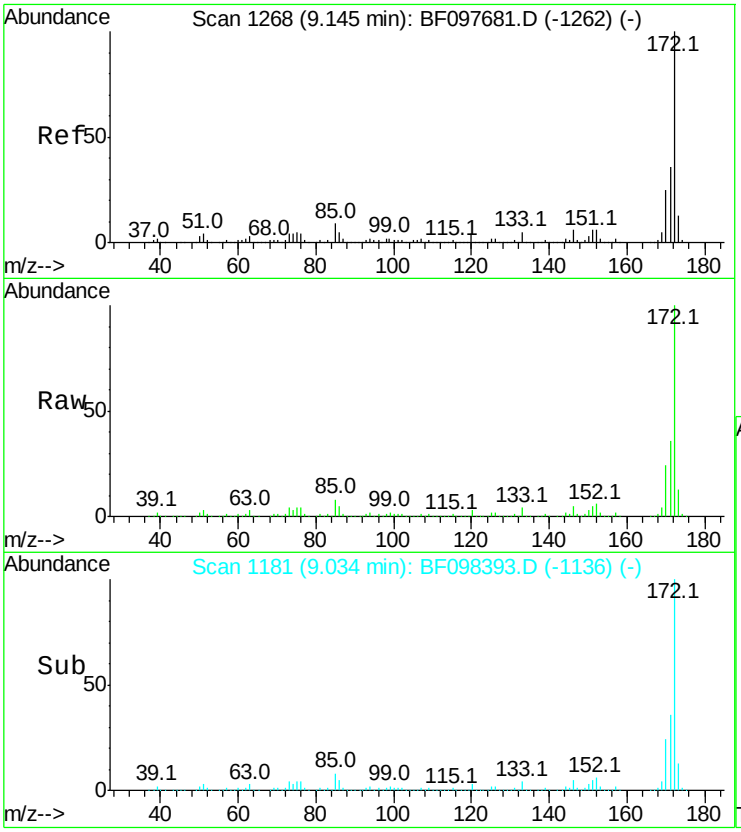


#41
2,4,6-Tribromophenol
Concen: 105.328 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:330 Resp: 136600

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	33.8	31.4	47.2



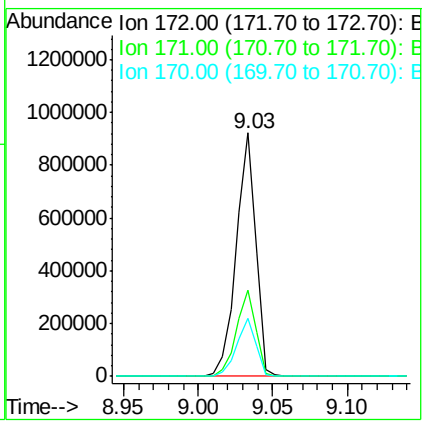


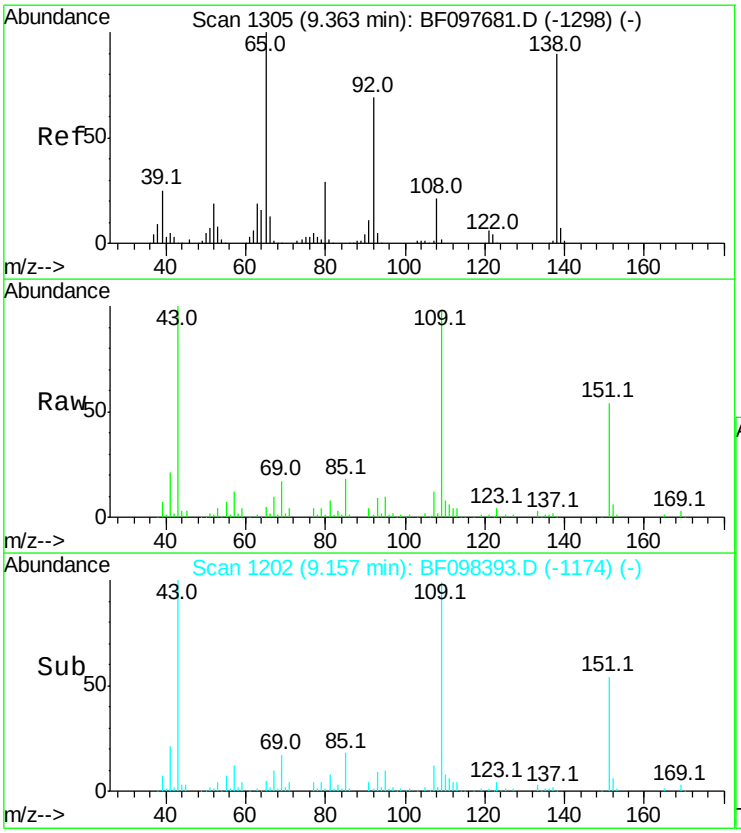
#44
2-Fluorobiphenyl
Concen: 83.061 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 845031

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8

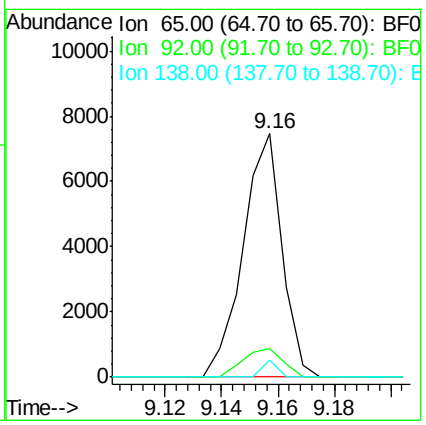


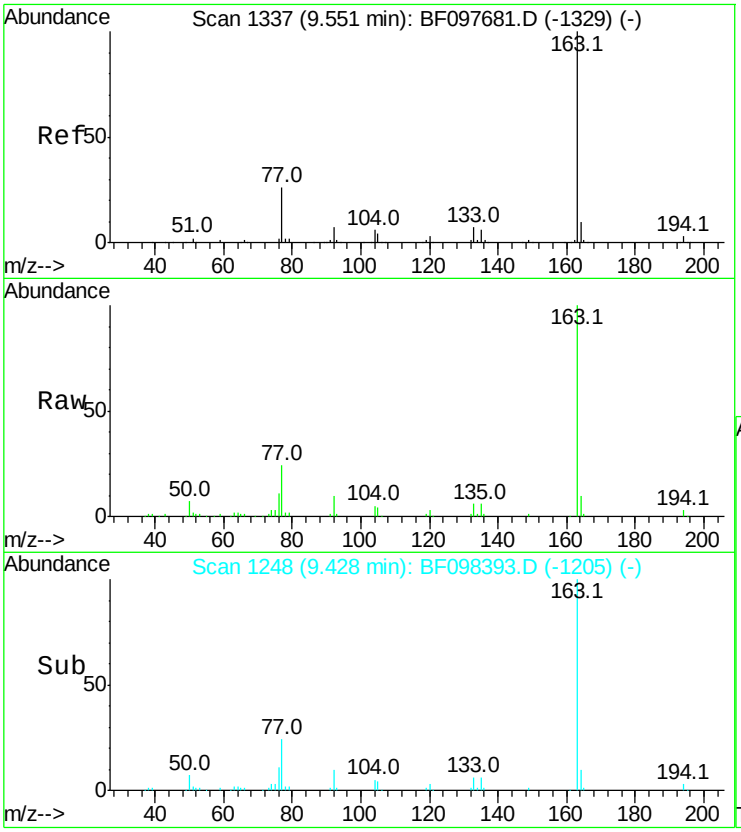


#47
2-Nitroaniline
Concen: 2.110 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.14 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion: 65 Resp: 7124

Ion	Ratio	Lower	Upper
65	100		
92	11.8	53.9	80.9#
138	7.2	78.8	118.2#



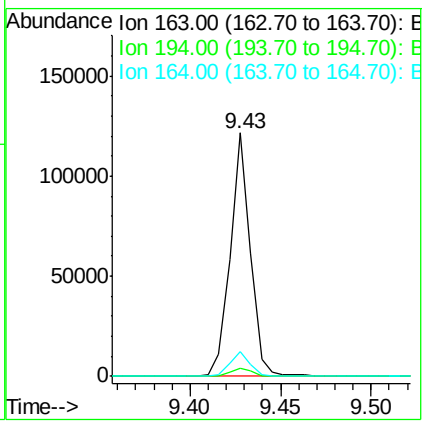


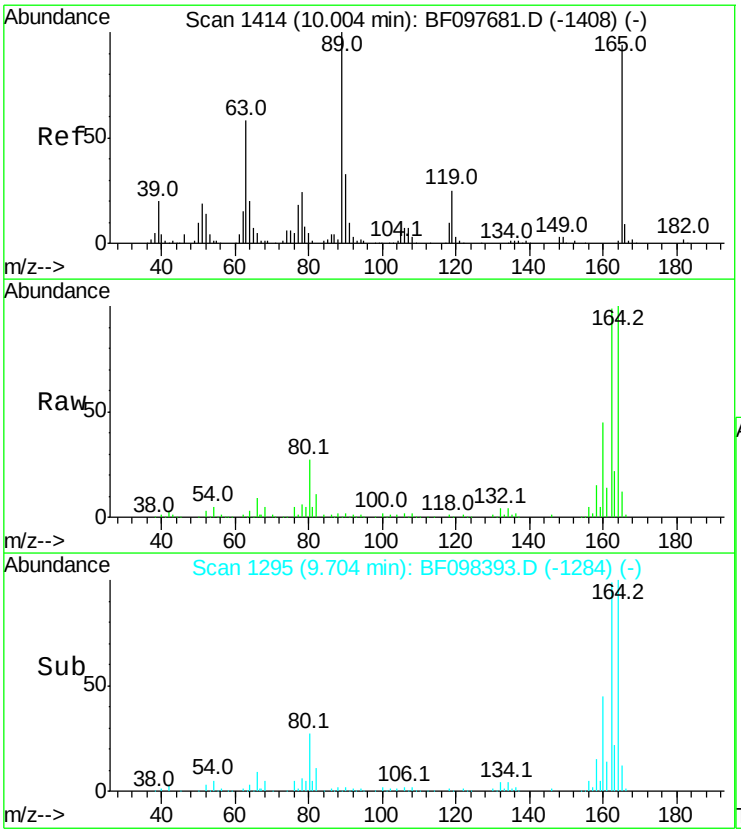
#49
Dimethylphthalate
Concen: 8.627 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 94254

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

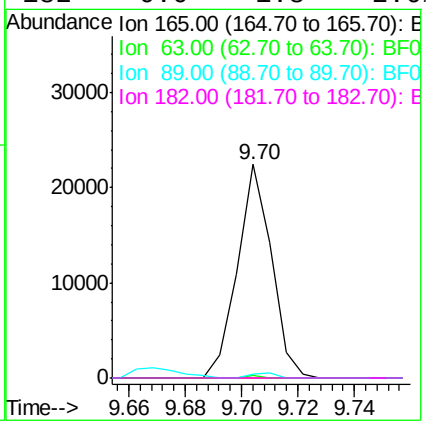


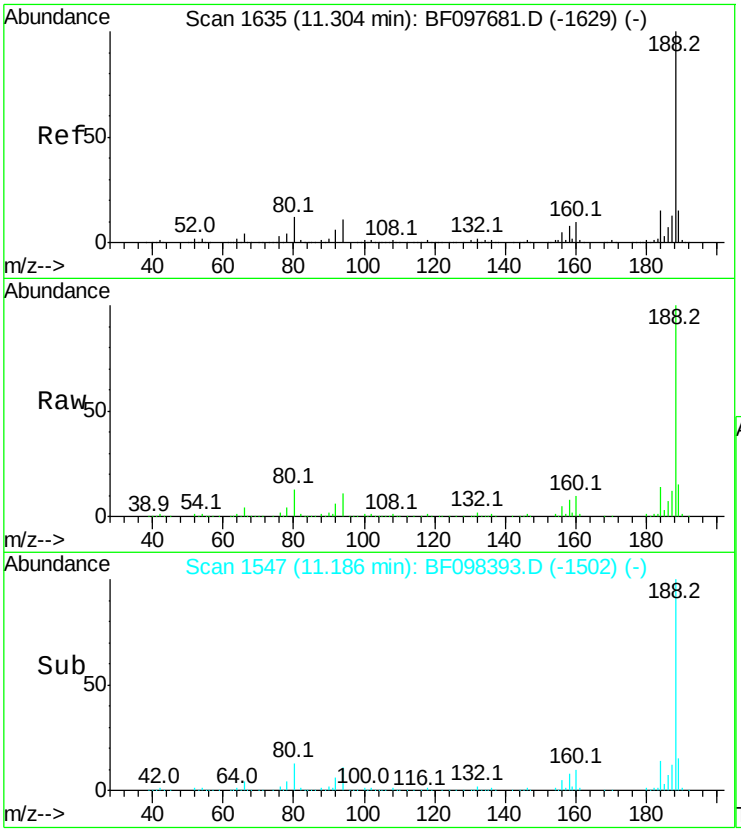


#56
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.24 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:165 Resp: 18728

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



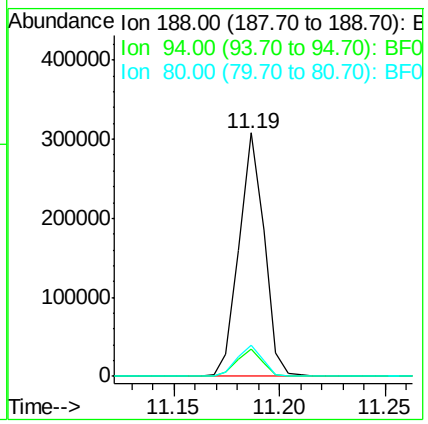


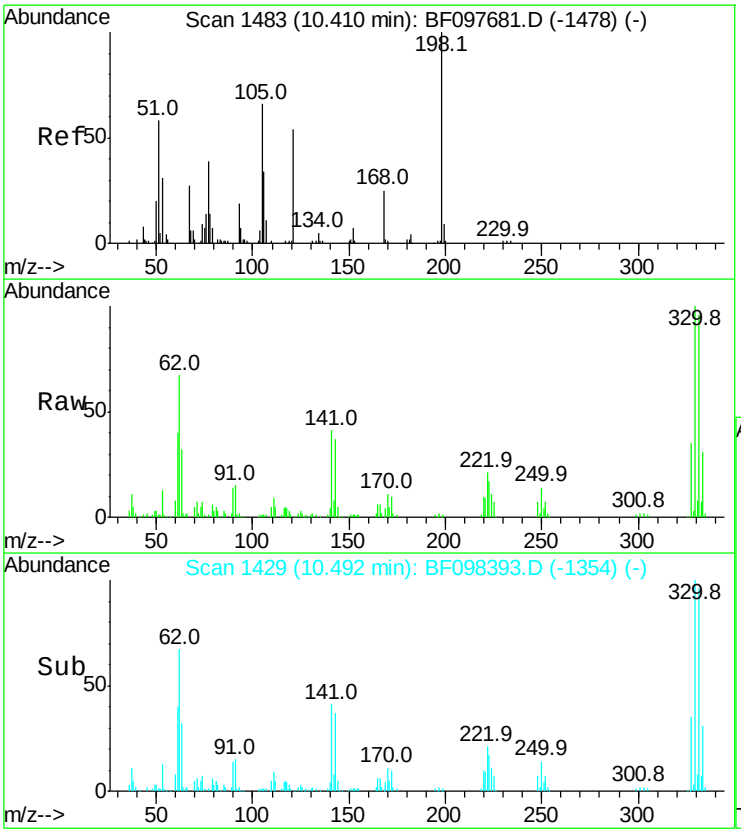
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 254149

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	12.6	10.2	15.2

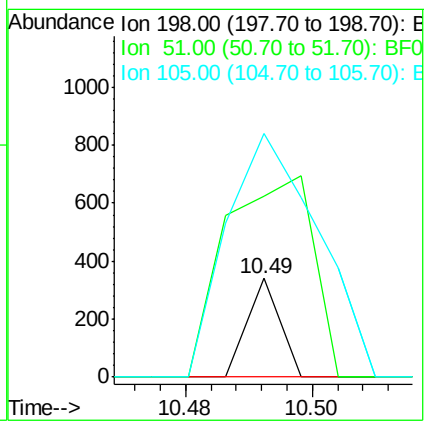


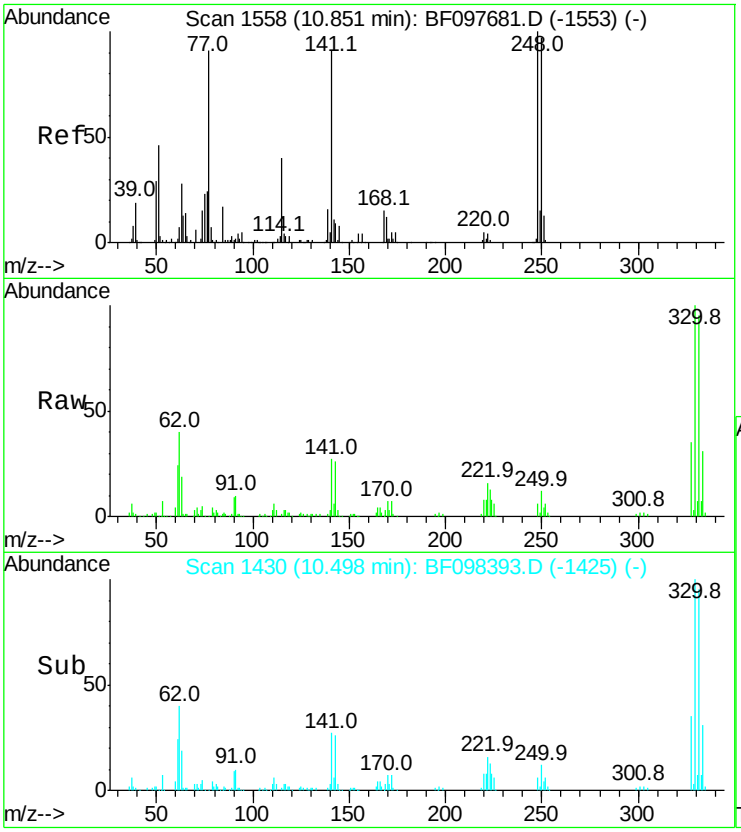


#64
4,6-Dinitro-2-methylphenol
Concen: 8.404 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.14 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:198 Resp: 120

Ion	Ratio	Lower	Upper
198	100		
51	183.6	53.2	93.2#
105	246.3	45.8	85.8#



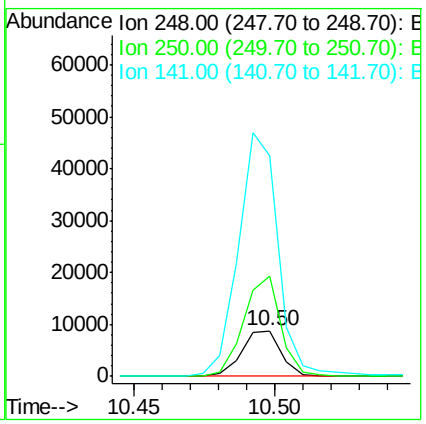


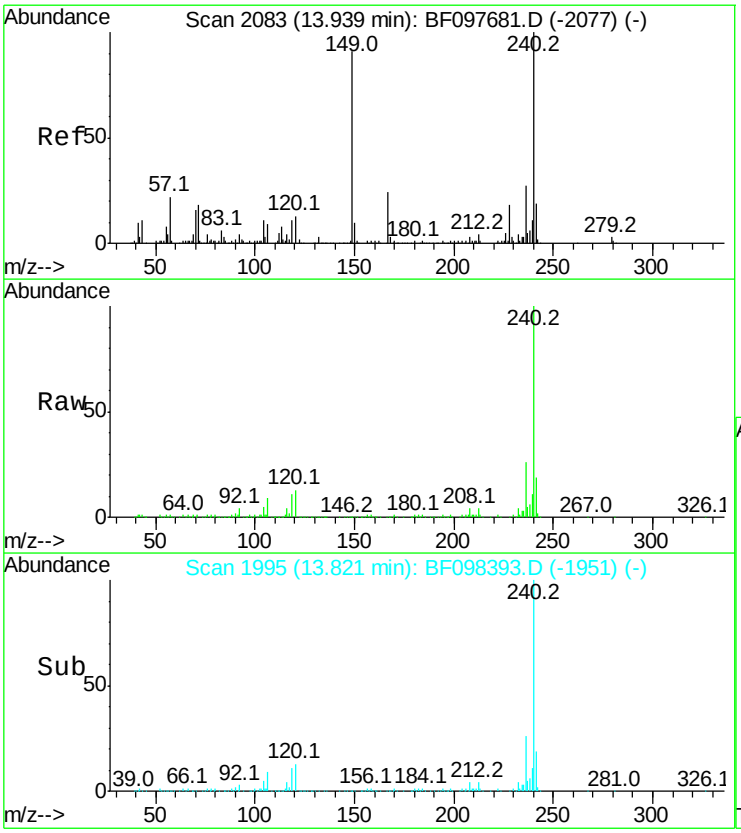
#66
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.27 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8523

Ion	Ratio	Lower	Upper
248	100		
250	219.4	76.8	115.2#
141	483.9	68.6	103.0#

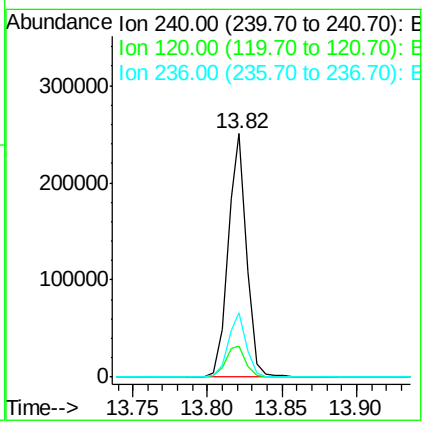


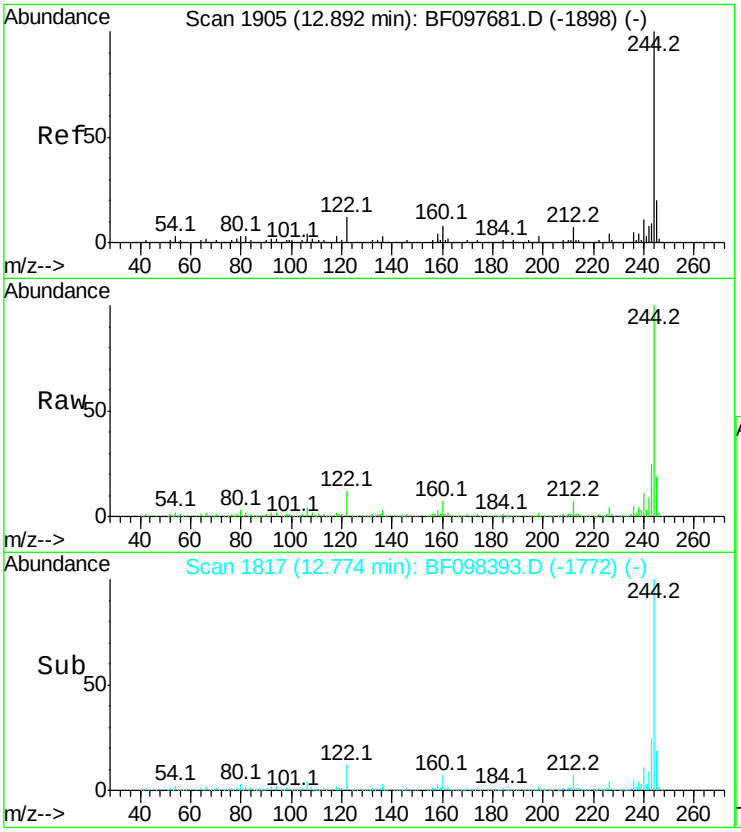


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:240 Resp: 218523

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.2	20.5	30.7



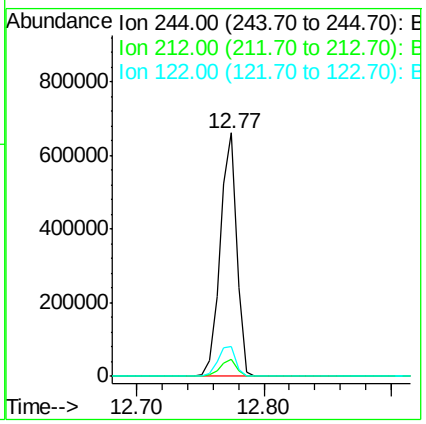


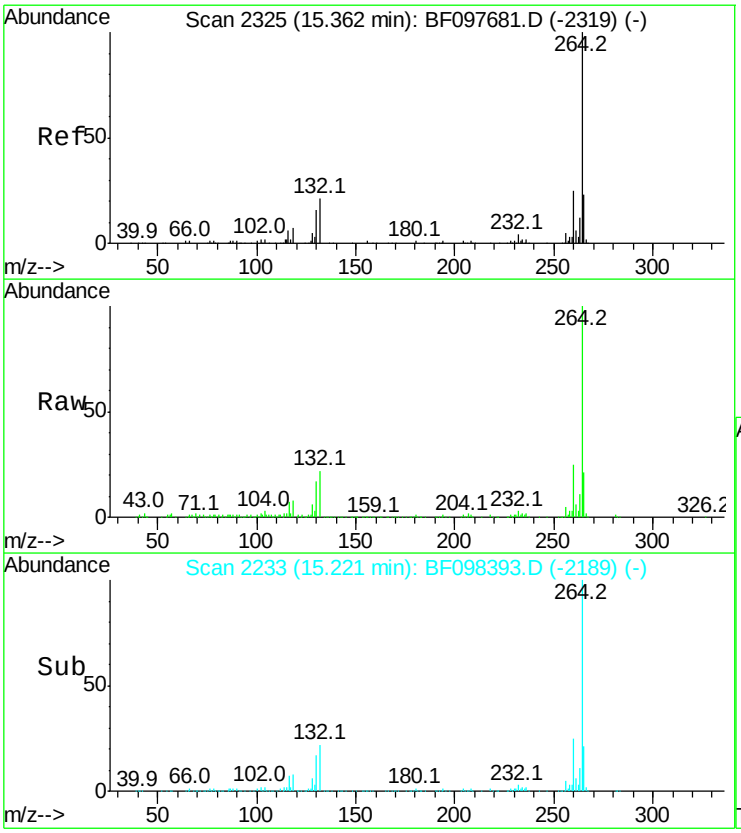
#78
Terphenyl-d14
Concen: 57.592 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 603512

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	12.1	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF098393.D
Acq: 9 Sep 2017 18:39

Tgt Ion:264 Resp: 192451

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	20.7	17.2	25.8