Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098313.D
Acq On : 7 Sep 2017 15:01
Operator : SJ/JU
Sample : I5075-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11948

Quant Time: Sep 07 17:11:08 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	6.69	152	112412	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	453419	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	198313	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	341268	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	257146	20.00	ng	-0.02
86) Perylene-d12	15.25	264	220422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	481147	65.11	ng	-0.02
7) Phenol-d6	6.33	99	669713	66.70	ng	-0.02
23) Nitrobenzene-d5	7.25	82	393046	47.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113284	65.84	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	588144	43.57	ng	-0.02
78) Terphenyl-d14	12.79	244	409599	33.22	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.25	82	390664	22.510	ng	# 67
26) 2-Nitrophenol	7.59	139	122	5.290	ng	# 1
32) Benzoic acid	7.76	122	108	6.422	ng	# 16
49) Dimethylphthalate	9.45	163	97744	6.743	ng	98
56) 2,4-Dinitrotoluene	9.72	165	25959	7.149	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.51	198	147	8.396	ng	# 1
66) 4-Bromophenyl-phenylether	10.51	248	7360	2.077	ng	# 1
74) Fluoranthene	12.42	202	38056	2.005	ng	96
77) Pyrene	12.64	202	46531	2.212	ng	98

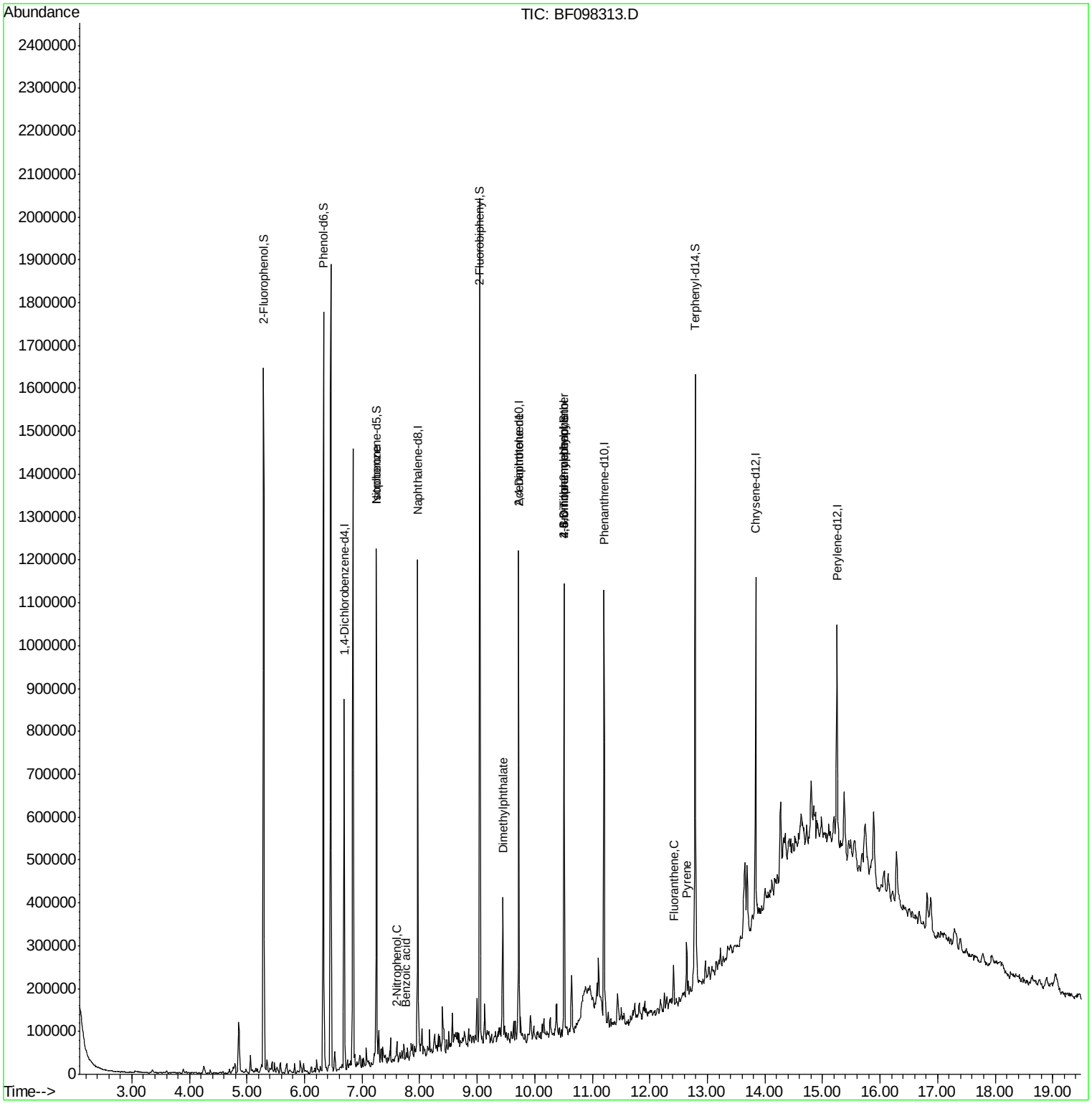
(#) = qualifier out of range (m) = manual integration (+) = signals summed

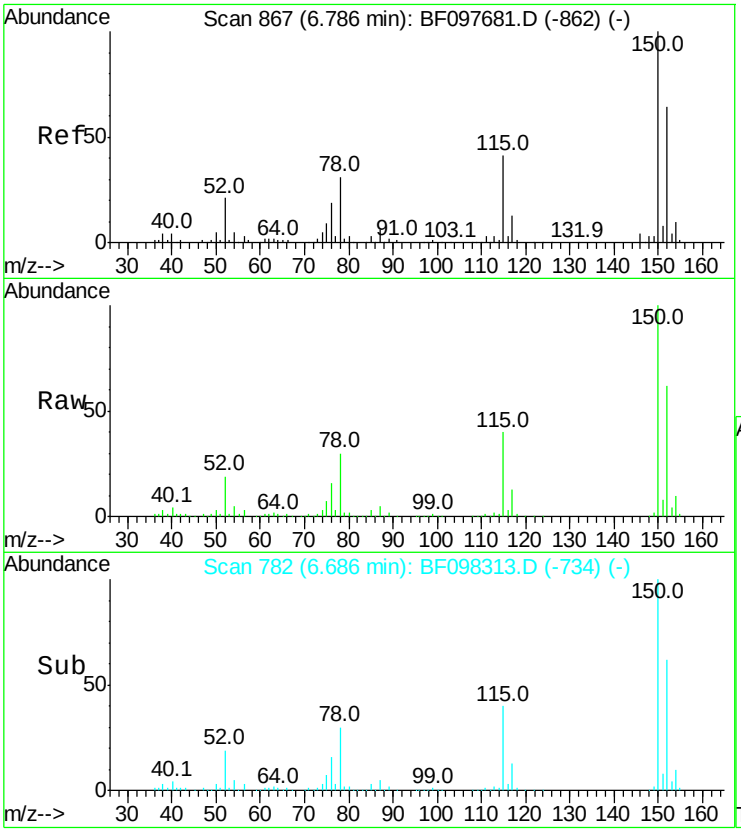
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098313.D
Acq On : 7 Sep 2017 15:01
Operator : SJ/JU
Sample : I5075-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11948

Quant Time: Sep 07 17:11:08 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



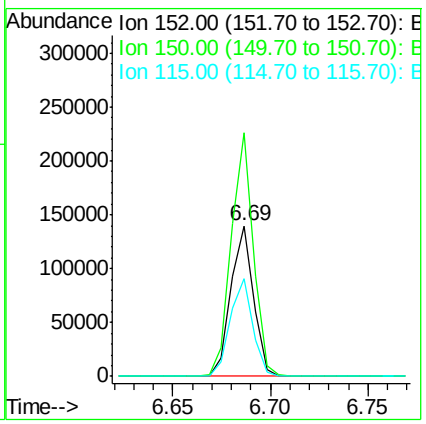


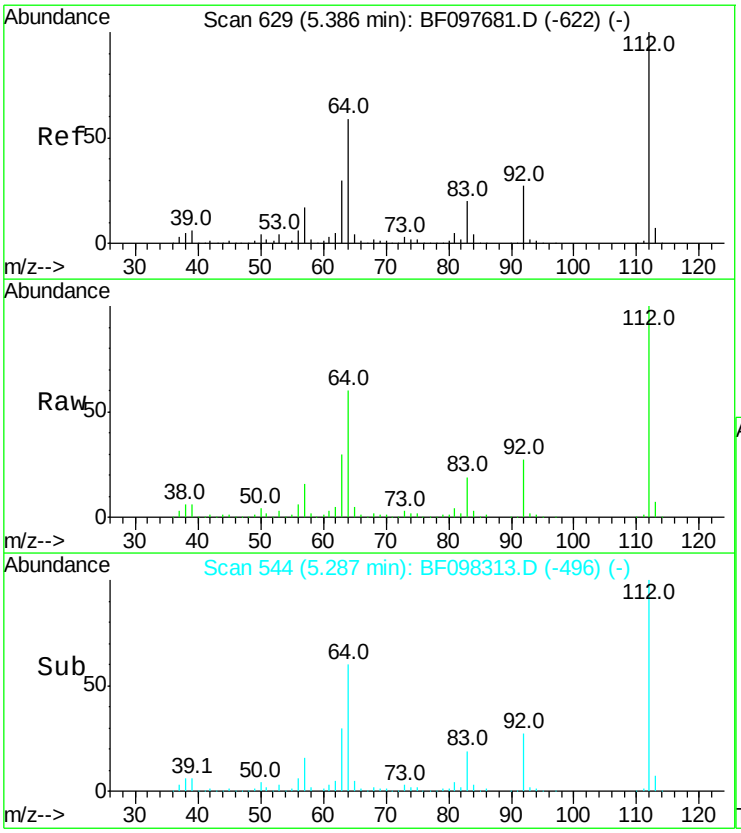
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:152 Resp: 112412

Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.2	189.2
115	65.3	52.2	78.2

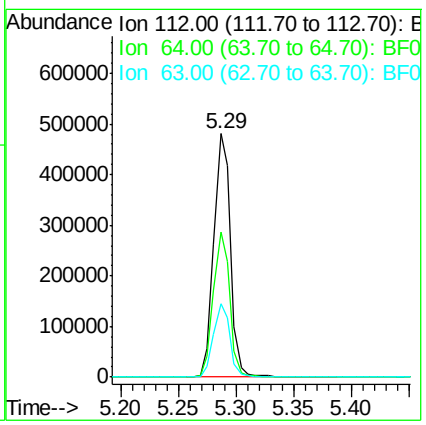


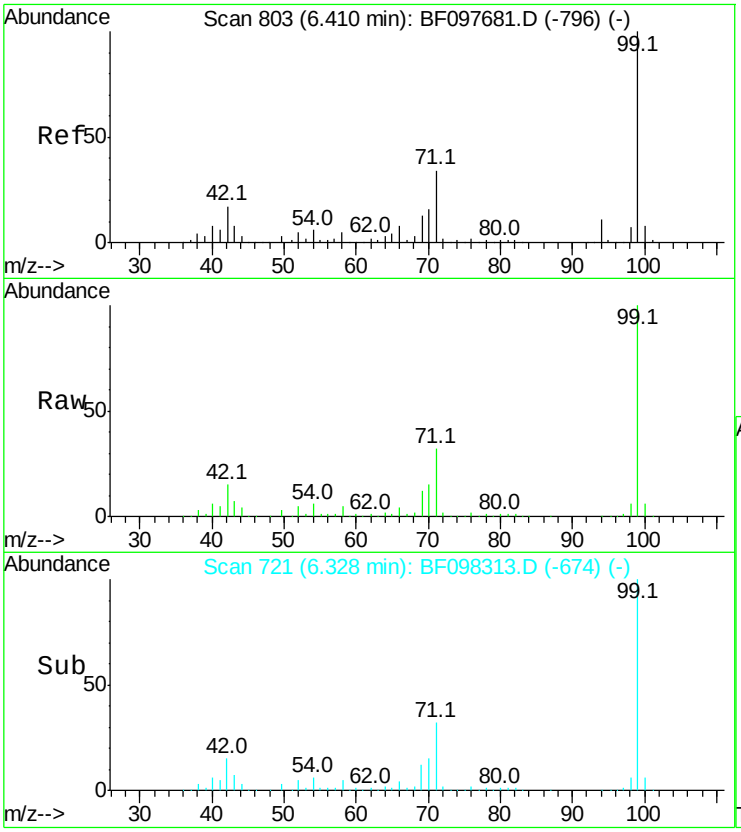


#5
2-Fluorophenol
Concen: 65.105 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:112 Resp: 481147

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	30.2	23.4	35.0



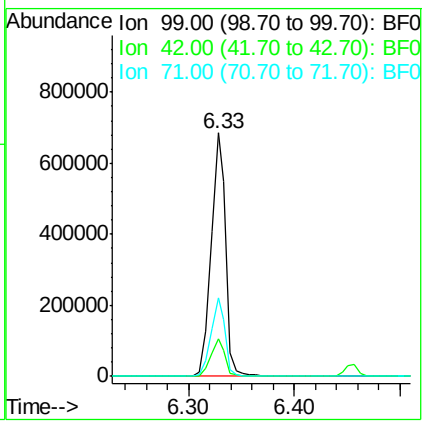


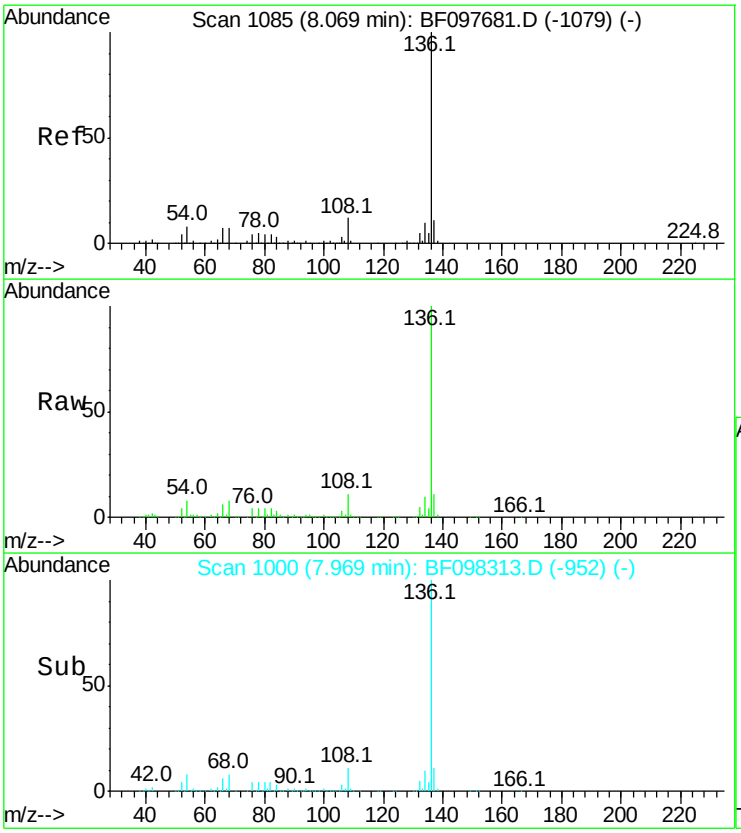
#7
Phenol-d6
Concen: 66.696 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion: 99 Resp: 669713

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	32.4	24.5	36.7

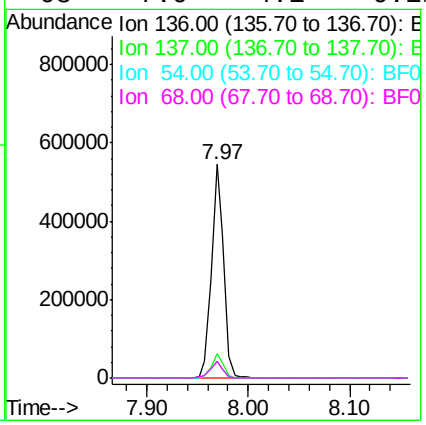


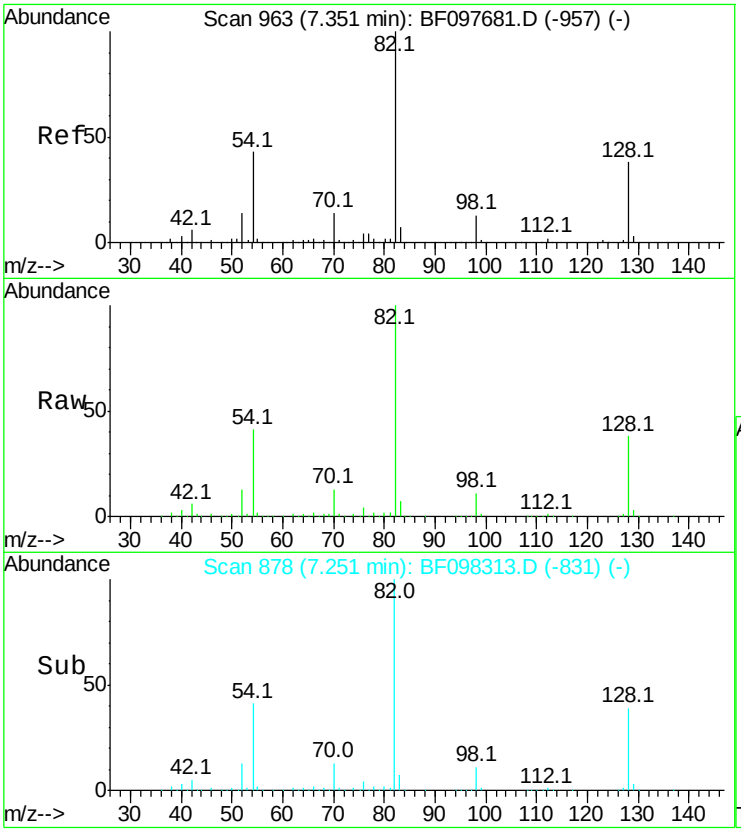


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:136 Resp: 453419

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	8.0	4.9	7.3#
68	7.9	4.1	6.1#



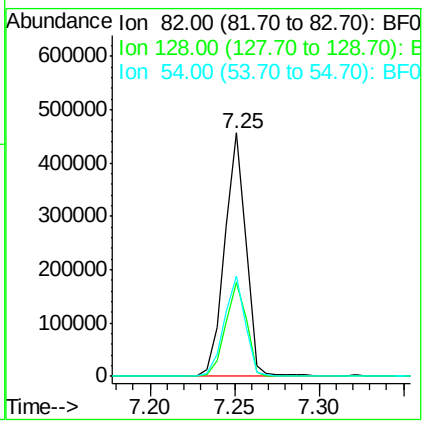


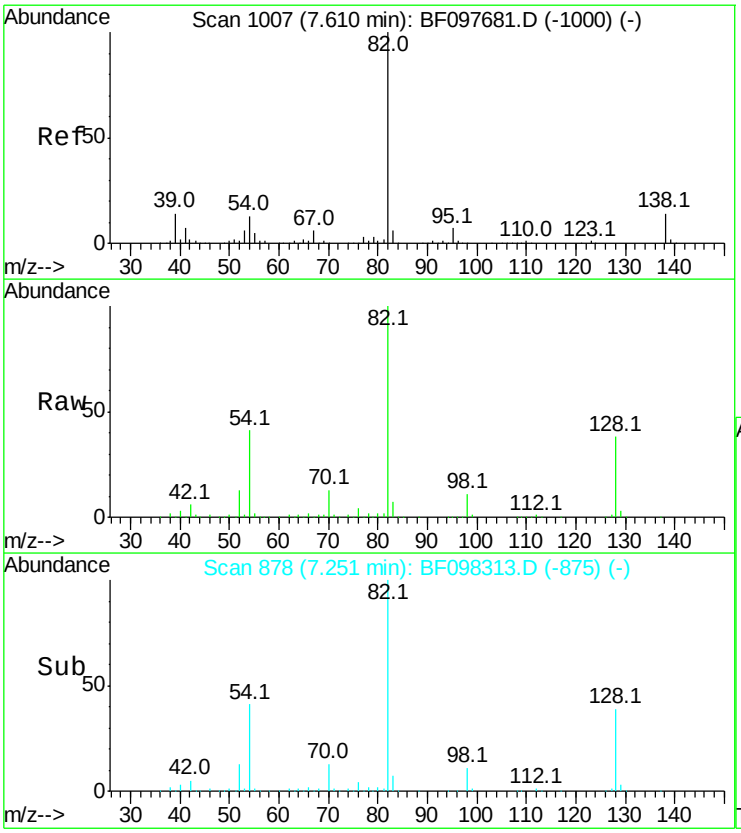
#23
Nitrobenzene-d5
Concen: 47.091 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion: 82 Resp: 393046

Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	41.0	42.2	63.2#

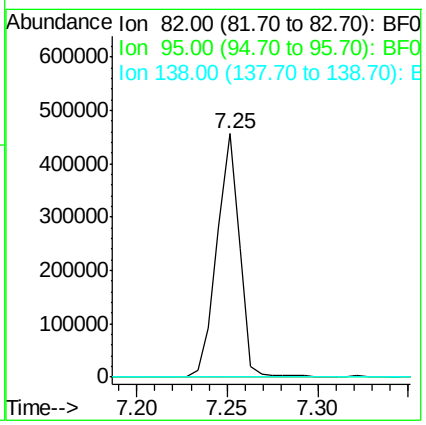


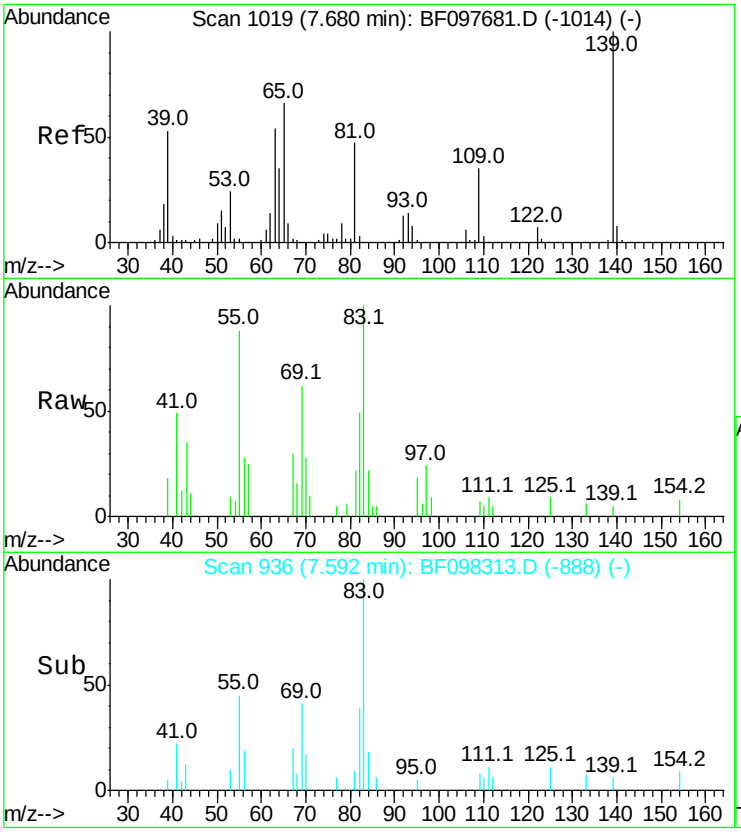


#25
Isophorone
Concen: 22.510 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion: 82 Resp: 390664

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#



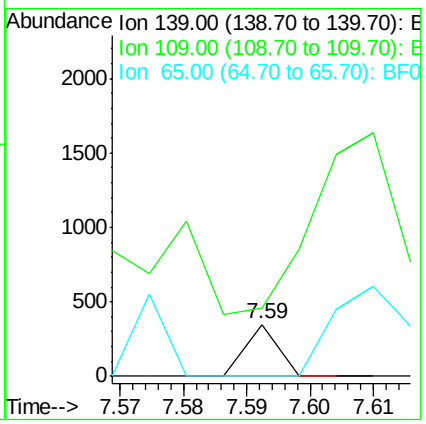


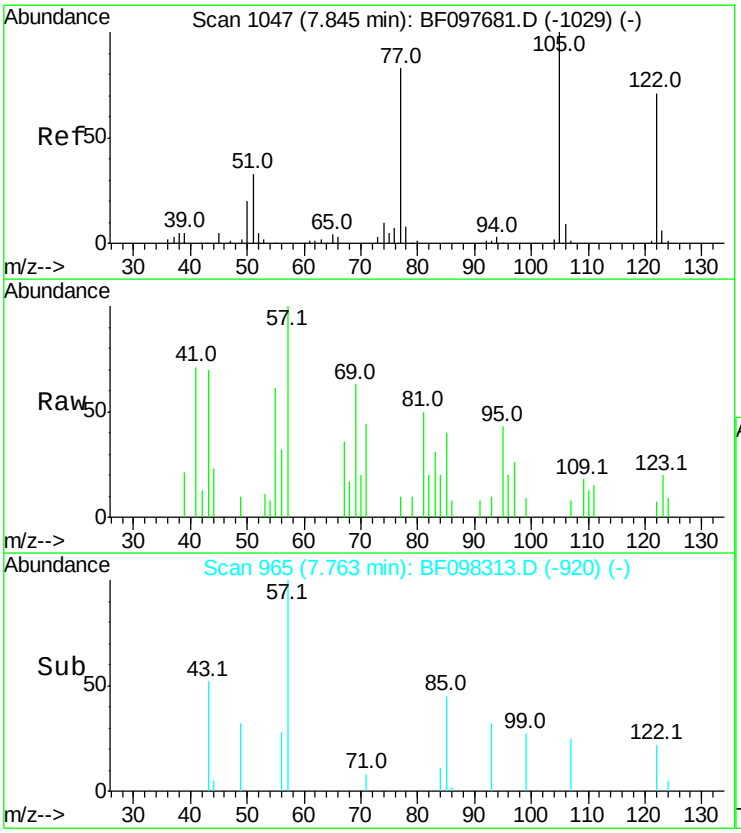
#26
2-Nitrophenol
Concen: 5.290 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:139 Resp: 122

Ion	Ratio	Lower	Upper
139	100		
109	131.4	21.0	31.6#
65	0.0	33.0	49.6#

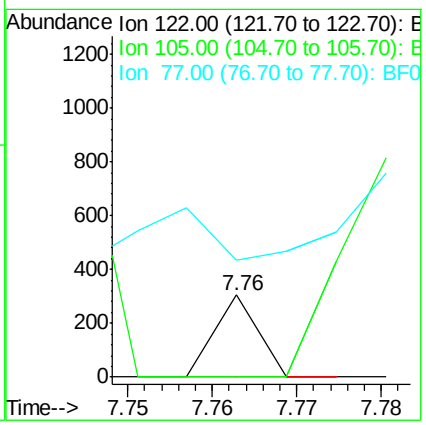


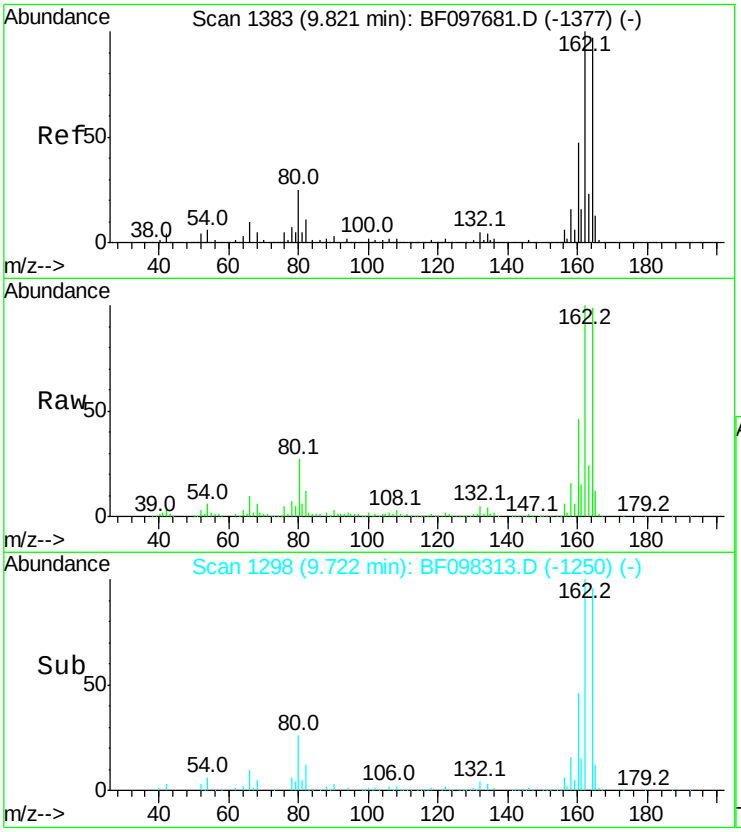


#32
Benzoic acid
Concen: 6.422 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.04 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	142.5	73.7	113.7#



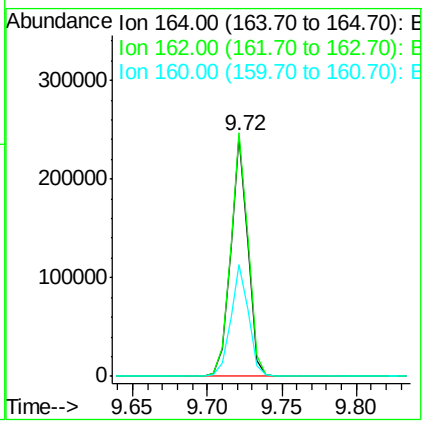


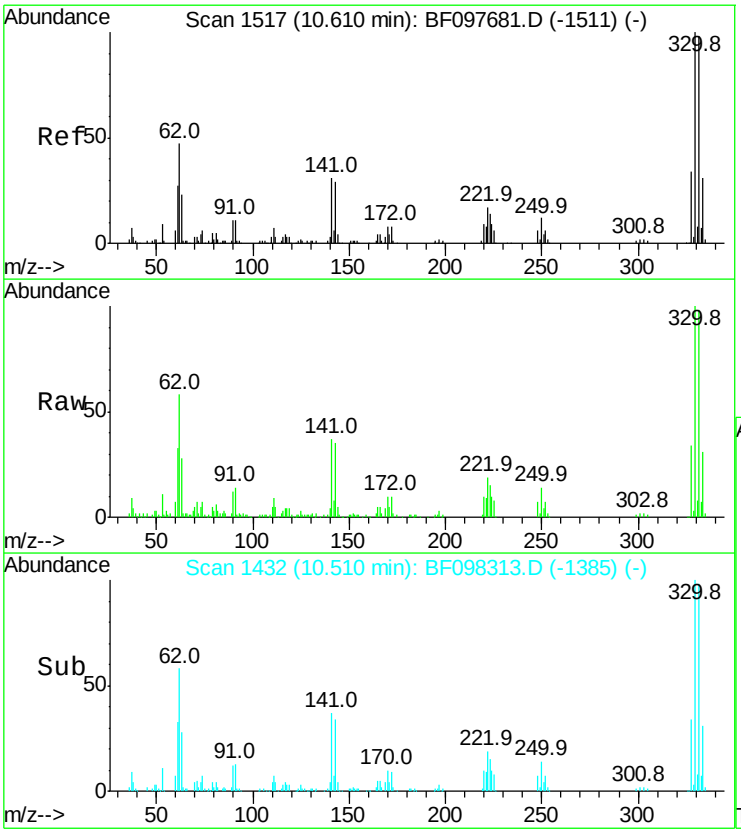
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:164 Resp: 198313

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	46.7	36.2	54.2

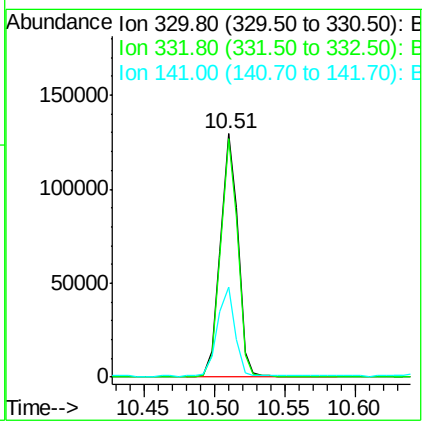


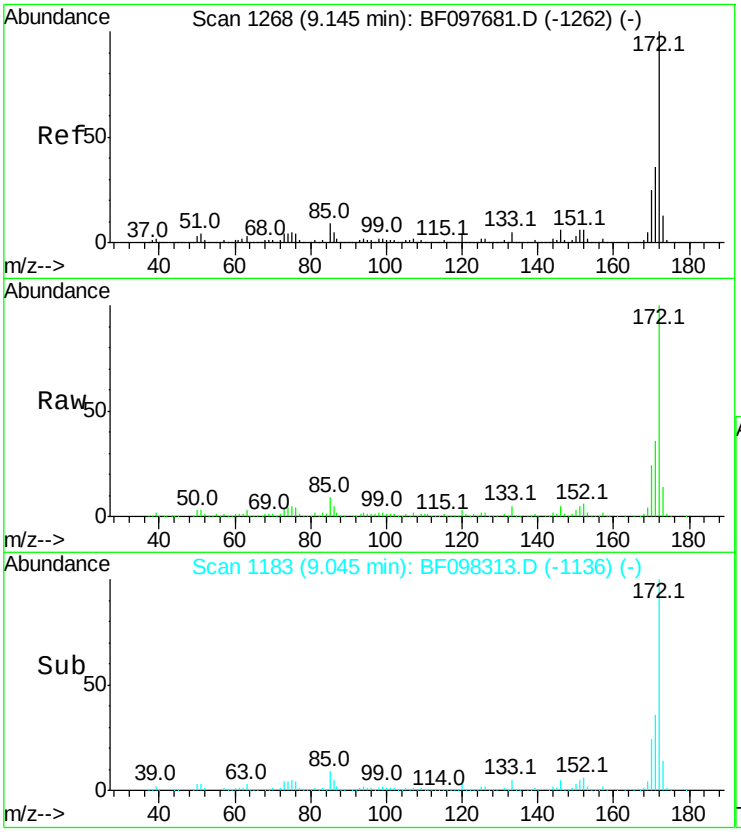


#41
2,4,6-Tribromophenol
Concen: 65.836 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:330 Resp: 113284

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	36.8	31.4	47.2



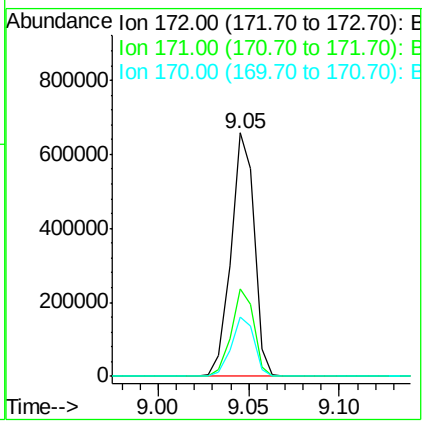


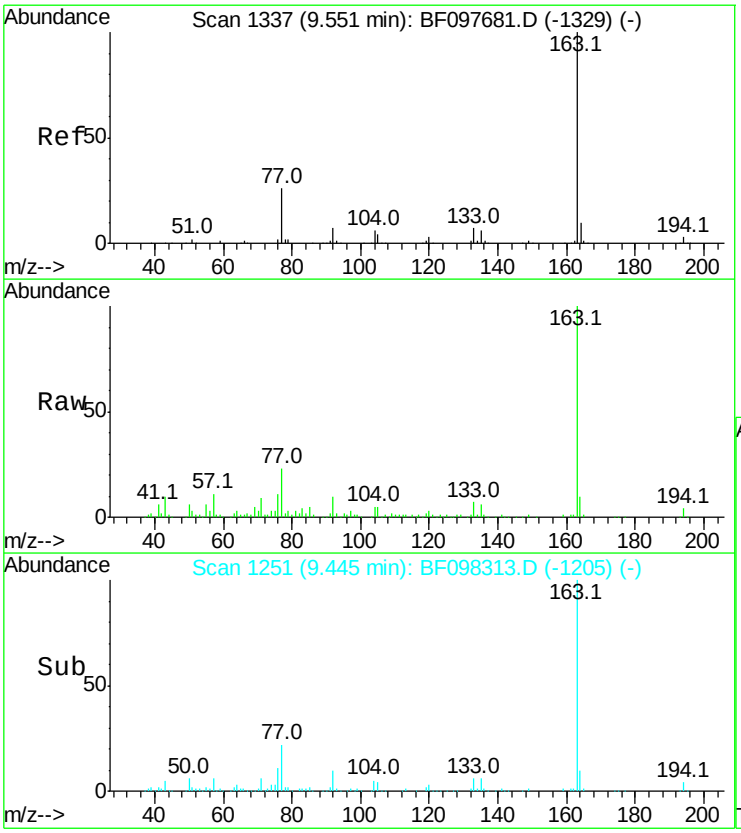
#44
2-Fluorobiphenyl
Concen: 43.573 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:172 Resp: 588144

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.4	19.8	29.8

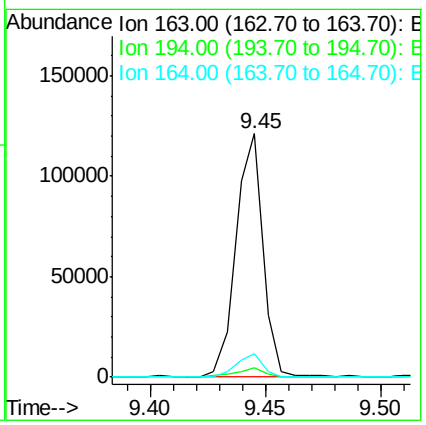


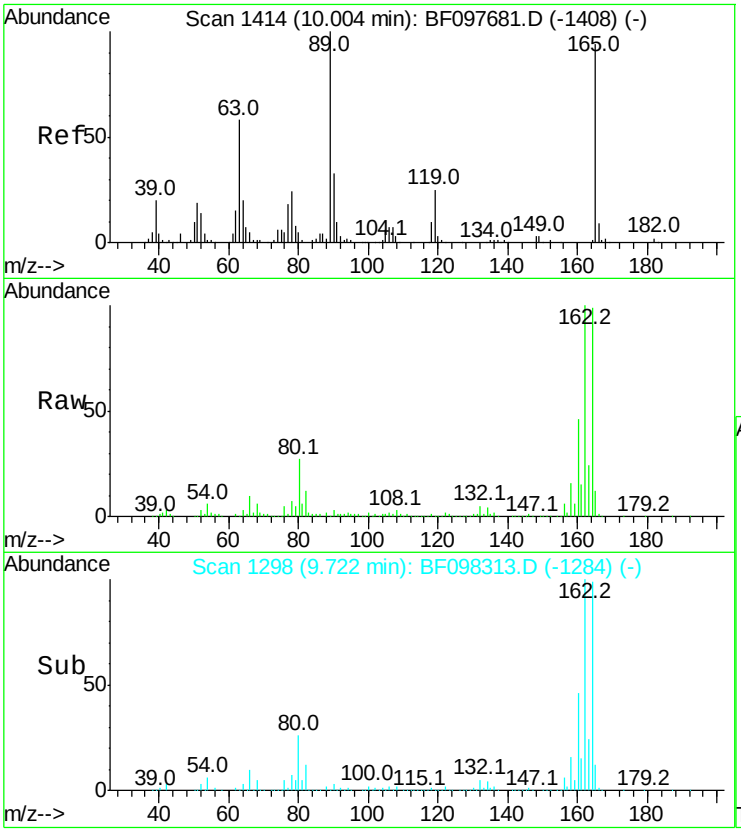


#49
Dimethylphthalate
Concen: 6.743 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:163 Resp: 97744

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.6	8.4	12.6



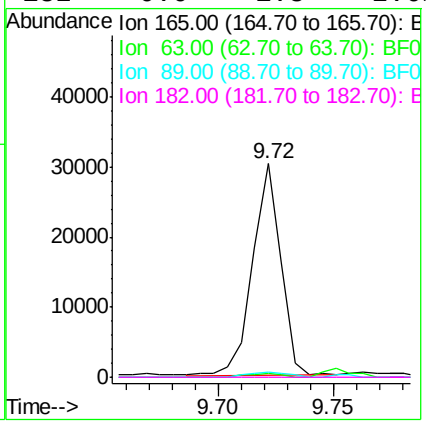


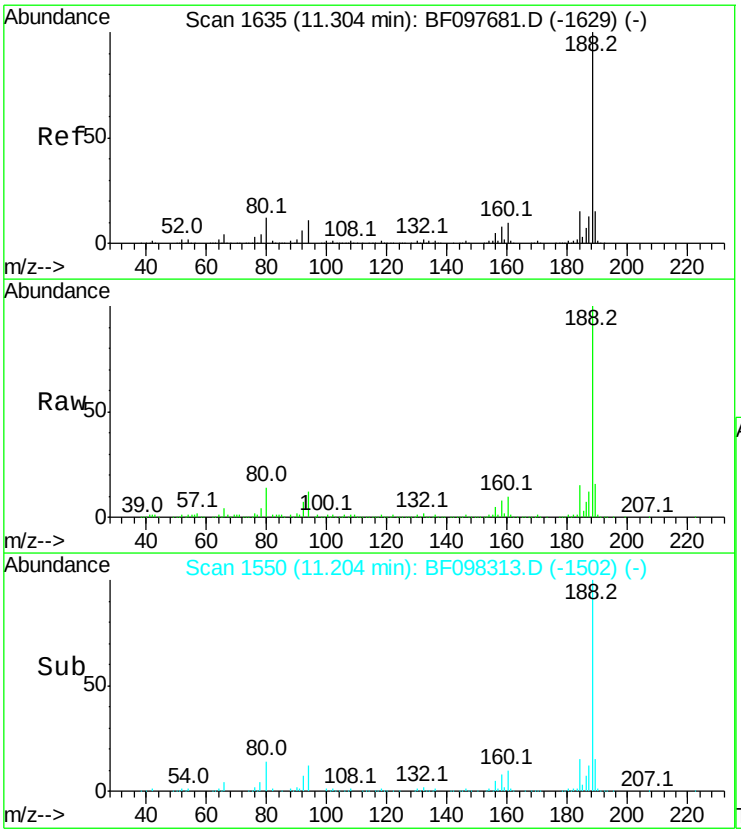
#56
2,4-Dinitrotoluene
Concen: 7.149 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.22 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:165 Resp: 25959

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

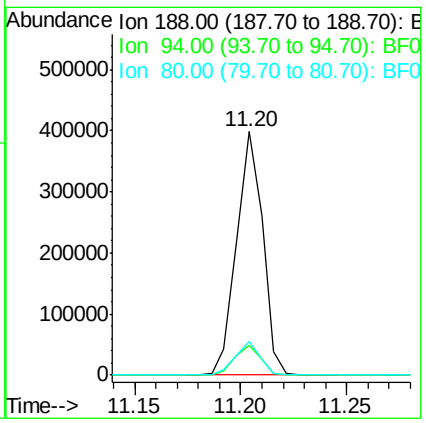


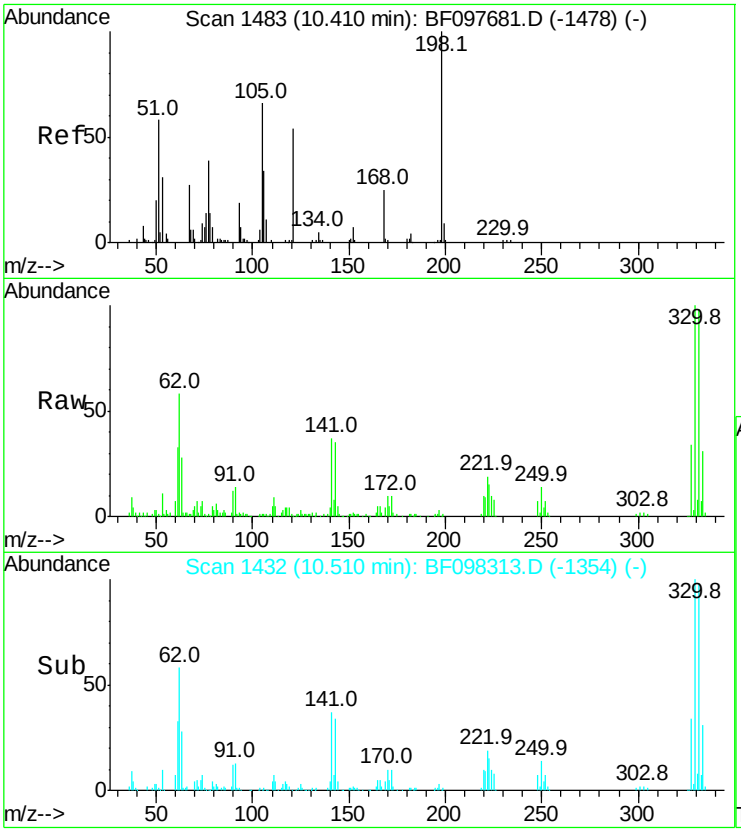


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:188 Resp: 341268

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.8	10.2	15.2



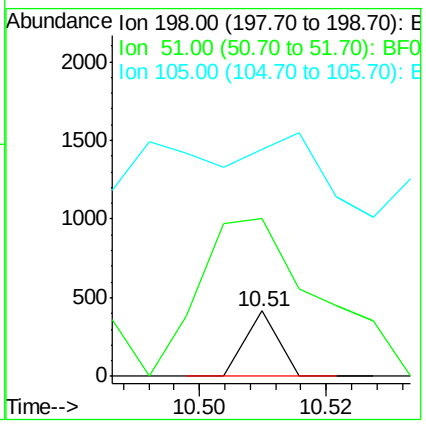


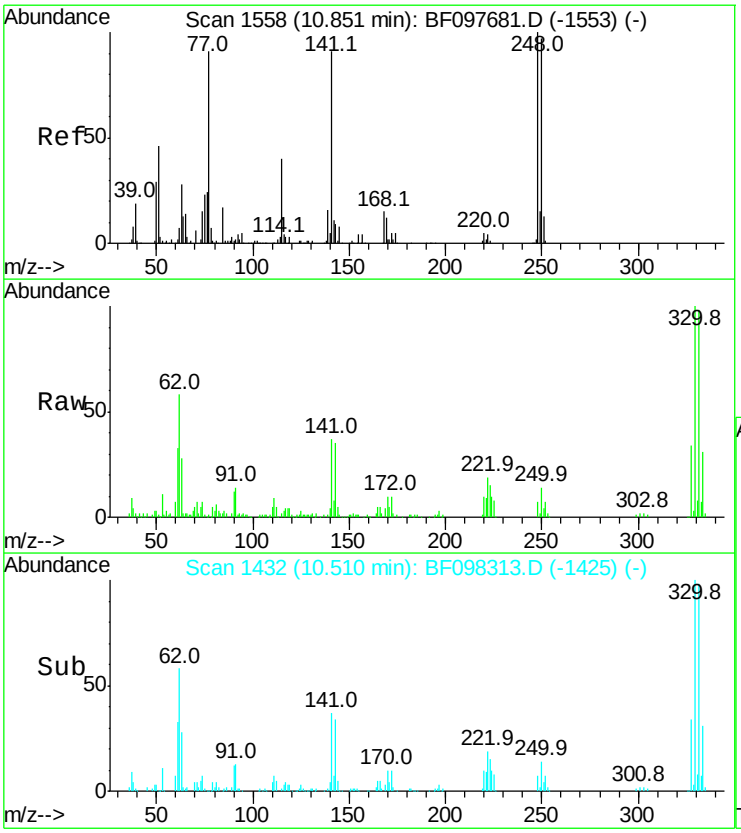
#64
4,6-Dinitro-2-methylphenol
Concen: 8.396 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.16 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:198 Resp: 147

Ion	Ratio	Lower	Upper
198	100		
51	240.8	53.2	93.2#
105	346.8	45.8	85.8#

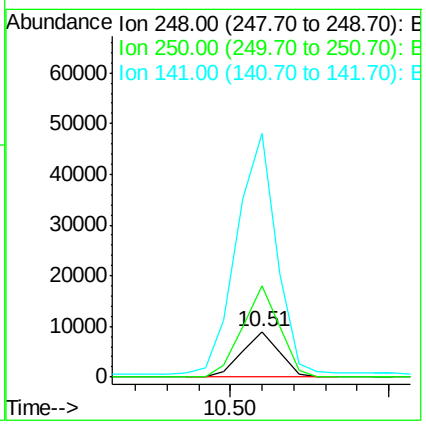


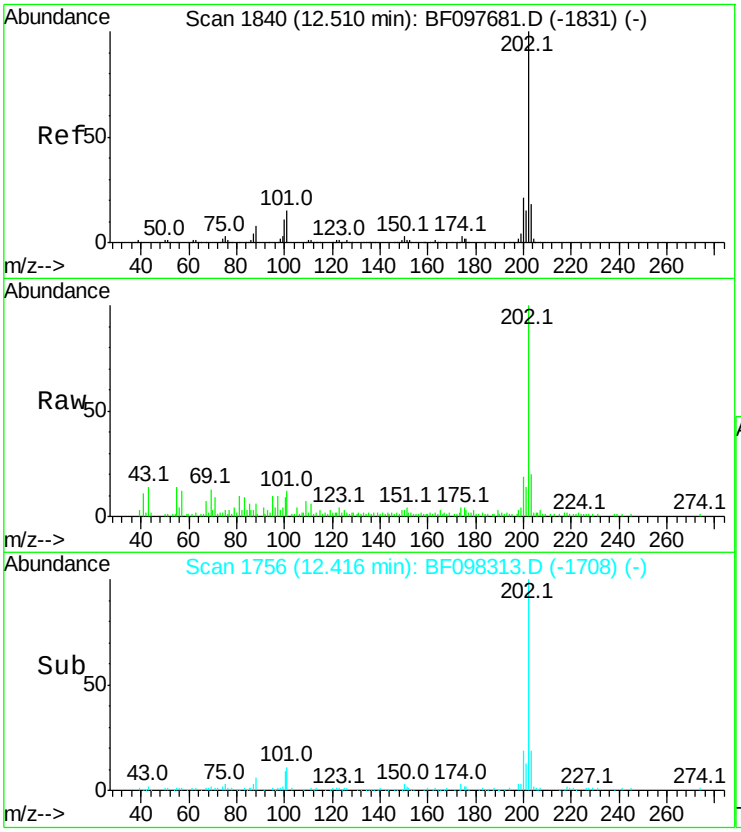


#66
4-Bromophenyl-phenylether
Concen: 2.077 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:248 Resp: 7360

Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.8	115.2#
141	537.1	68.6	103.0#



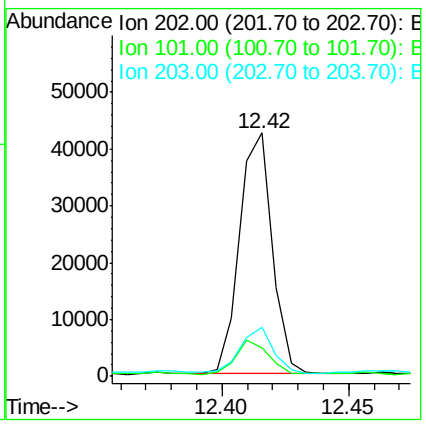


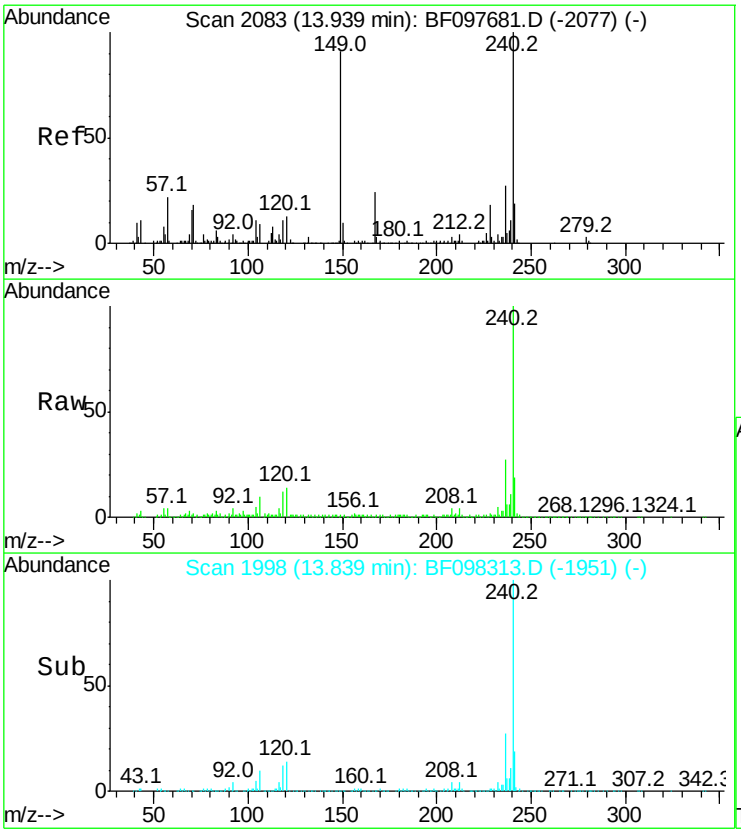
#74
Fluoranthene
Concen: 2.005 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:202 Resp: 38056

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	20.0	0.0	38.1

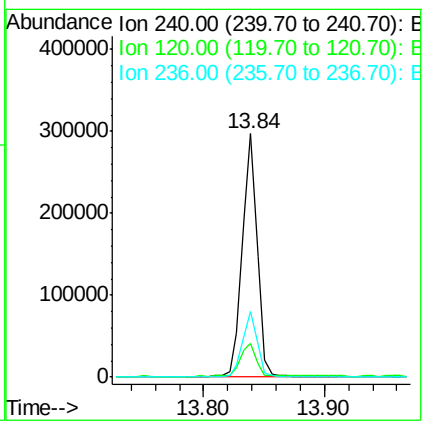


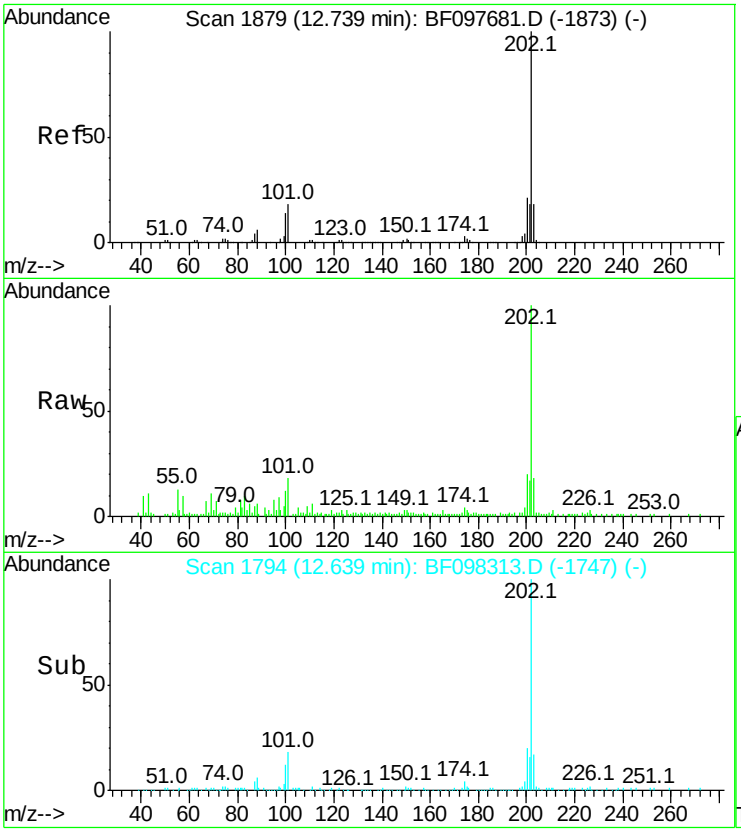


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:240 Resp: 257146

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	27.2	20.5	30.7



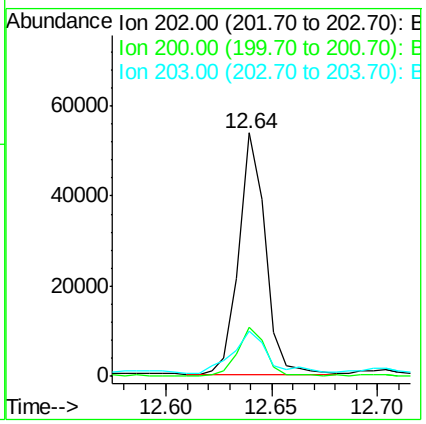


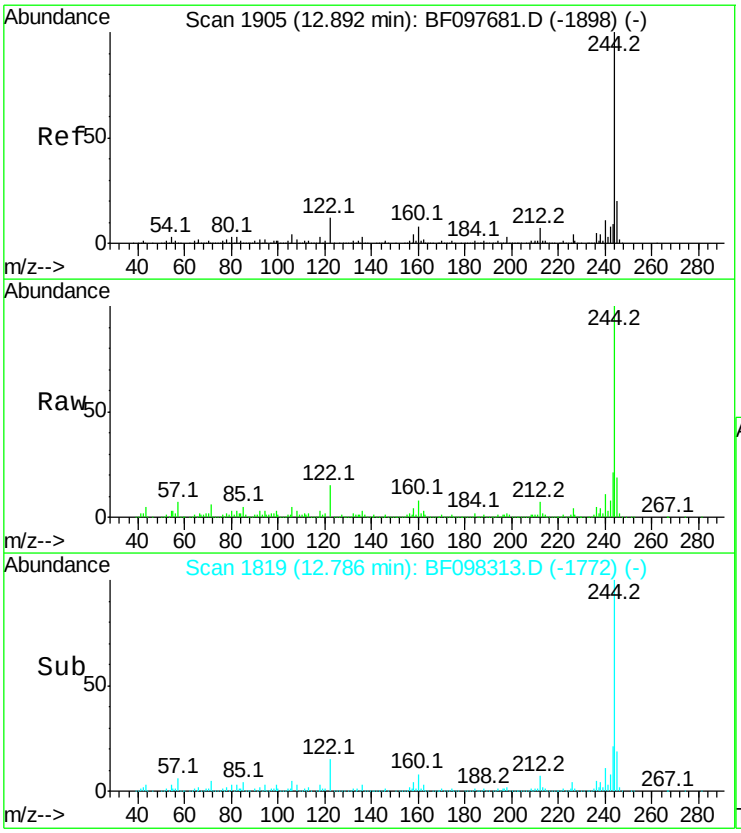
#77
Pyrene
Concen: 2.212 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:202 Resp: 46531

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	18.4	14.4	21.6

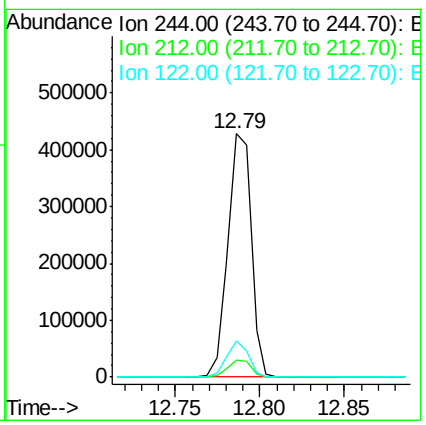


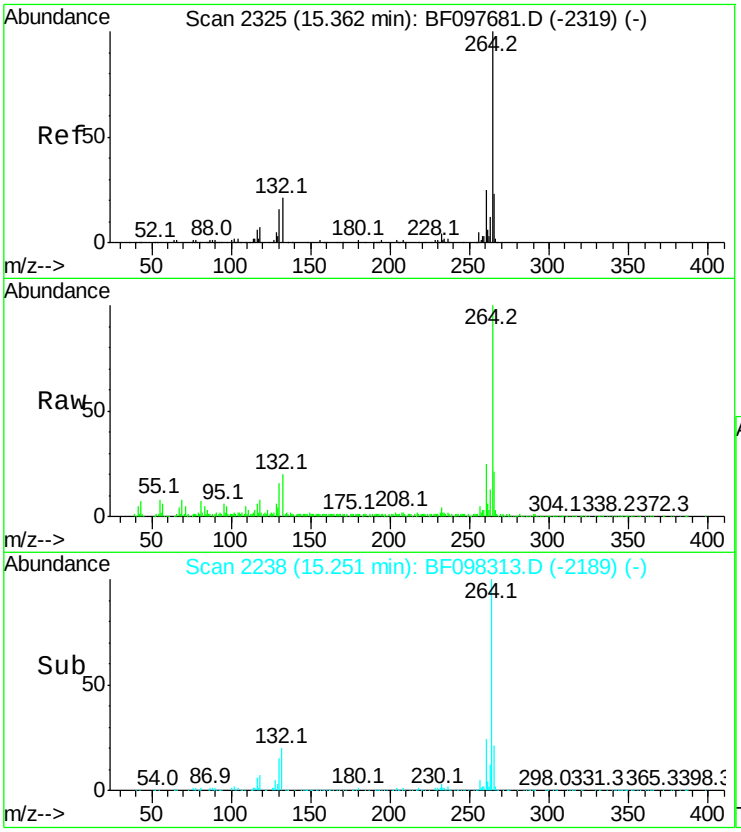


#78
Terphenyl-d14
Concen: 33.217 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Tgt Ion:244 Resp: 409599

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098313.D
Acq: 7 Sep 2017 15:01

Instrument :
BNA_F
ClientSampleId :
72-11948

Tgt Ion:264 Resp: 220422

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.3	17.2	25.8