Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097036.D
Acq On : 25 Jul 2017 18:35
Operator : SJ/JU
Sample : I4369-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 01:04:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	133631	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	541853	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	228377	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	392384	20.00	ng	0.00
75) Chrysene-d12	13.62	240	266233	20.00	ng	0.00
86) Perylene-d12	14.97	264	175094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	192749	21.74	ng	0.00
7) Phenol-d6	6.16	99	179928	17.78	ng	-0.01
23) Nitrobenzene-d5	7.06	82	667980	72.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	102630	56.88	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1034237	76.86	ng	0.00
78) Terphenyl-d14	12.59	244	813932	62.33	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.04	117	12634	3.41	ng	# 1
19) n-Nitroso-di-n-propylamine	7.06	70	89132	13.38	ng	# 86
25) Isophorone	7.06	82	644967	35.66	ng	# 67
45) 1,1'-Biphenyl	8.96	154	108331	5.55	ng	99
49) Dimethylphthalate	9.26	163	44789	2.58	ng	99
50) 2,6-Dinitrotoluene	9.23	165	7614	2.07	ng	# 72
54) Dibenzofuran	9.73	168	70216	4.06	ng	99
70) Phenanthrene	11.02	178	177632	8.45	ng	98
71) Anthracene	11.02	178	177632	8.25	ng	98

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

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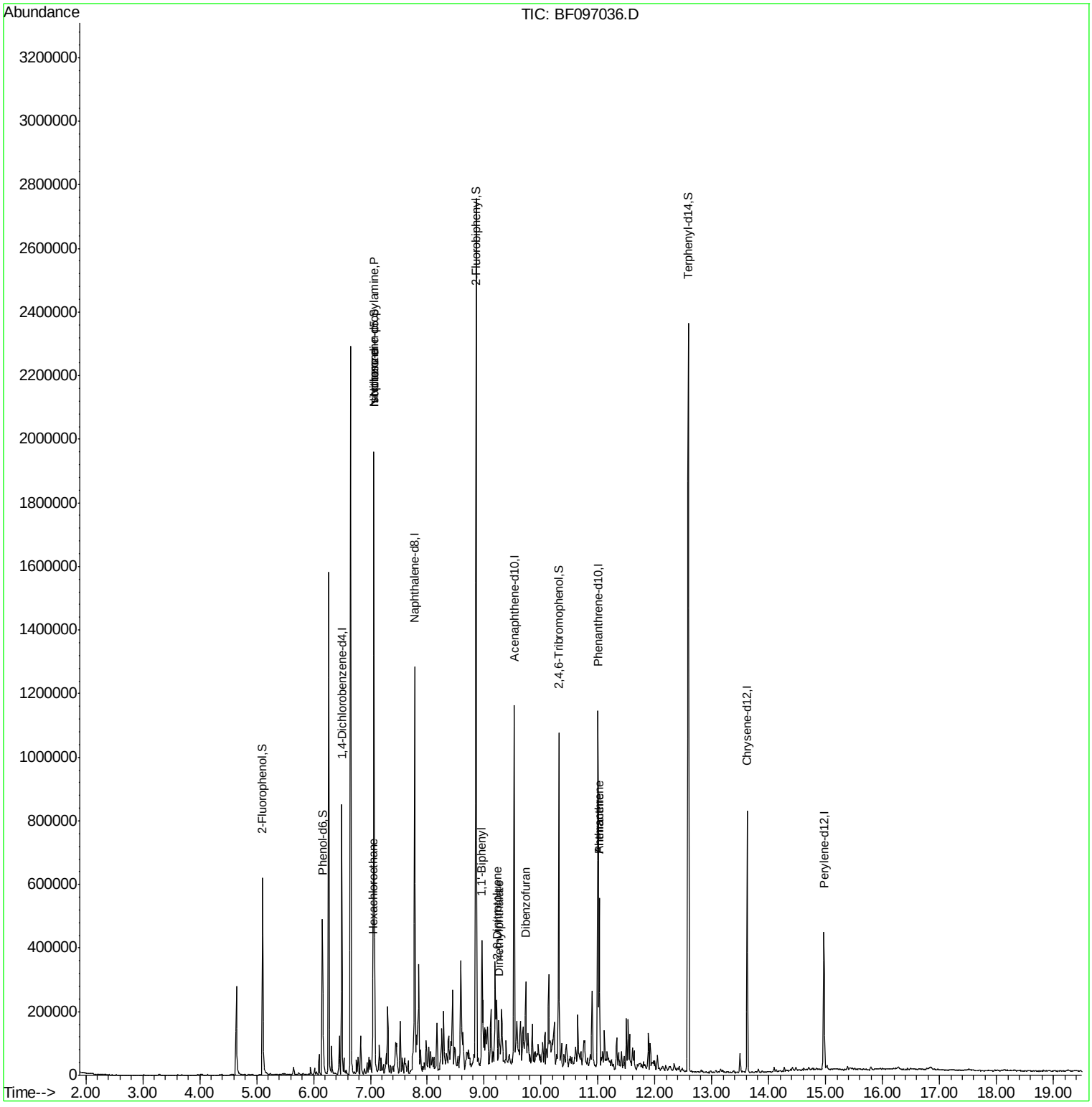
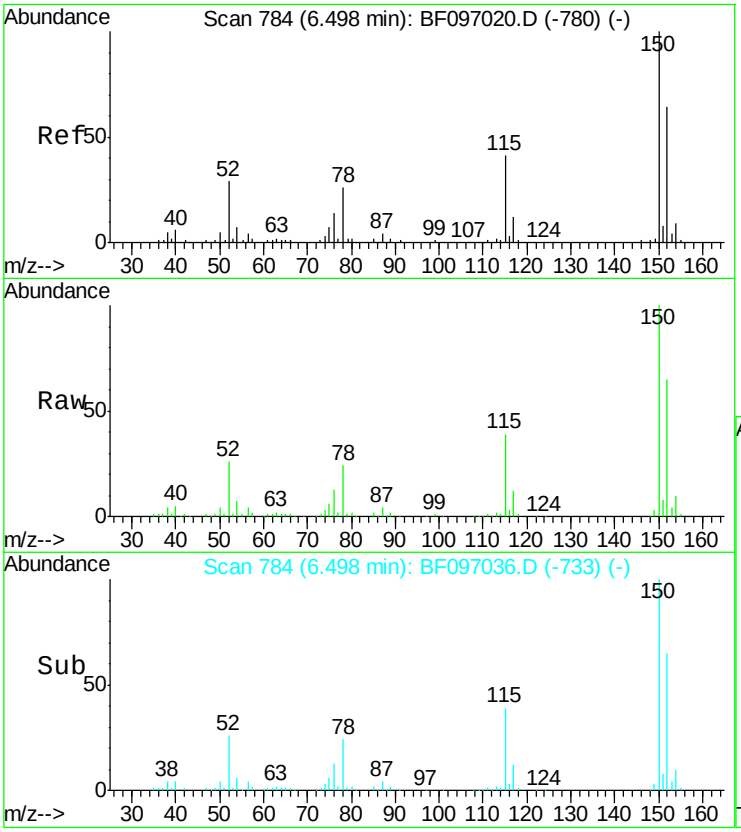


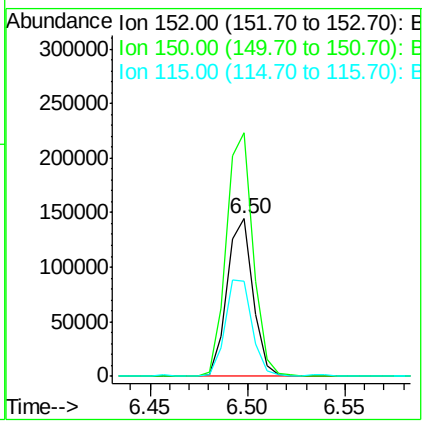


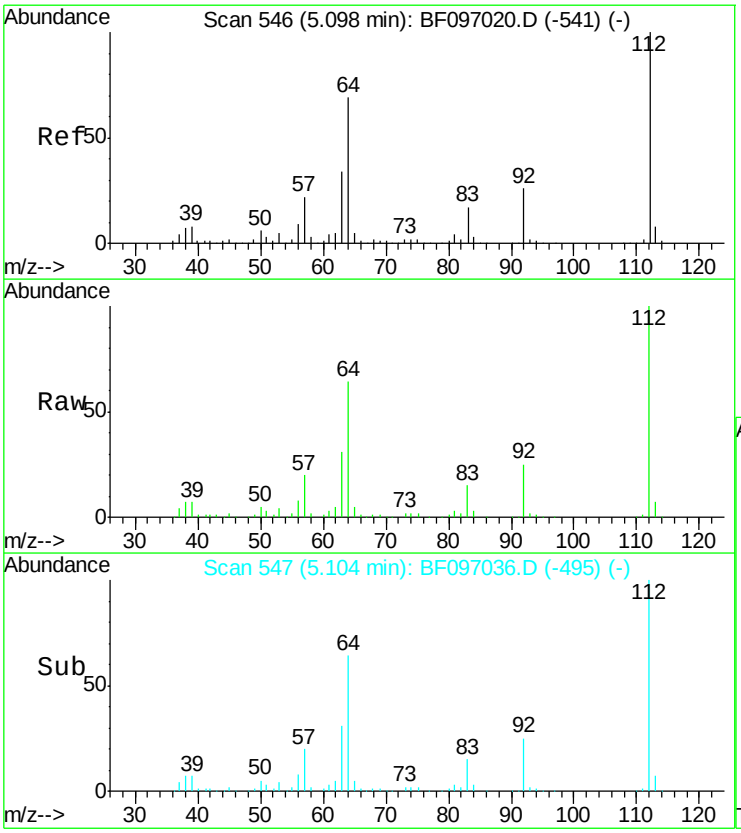
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 133631

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	60.7	52.2	78.2

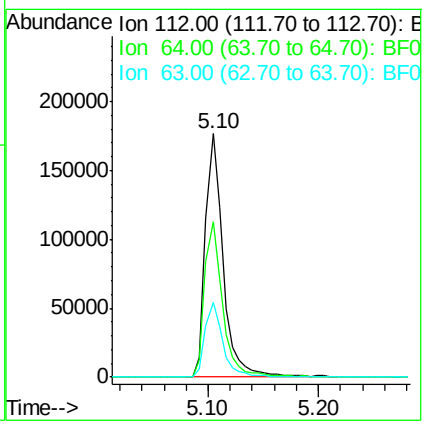


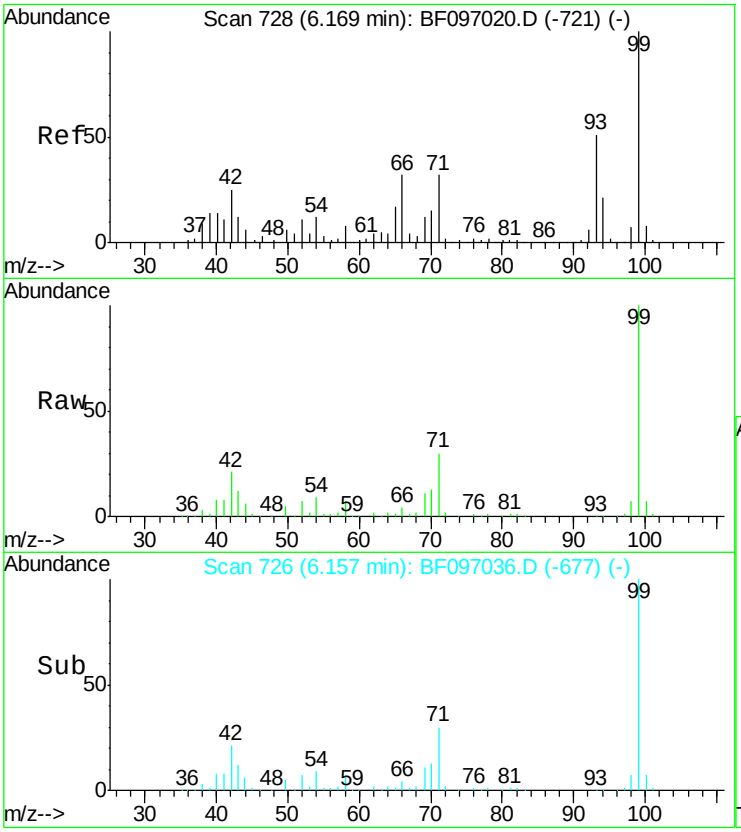


#5
2-Fluorophenol
Concen: 21.74 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:112 Resp: 192749

Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.0	69.0
63	30.9	23.4	35.0



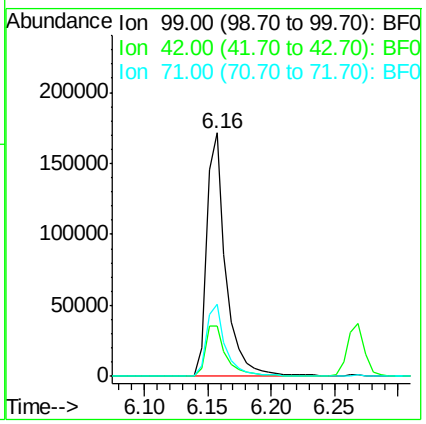


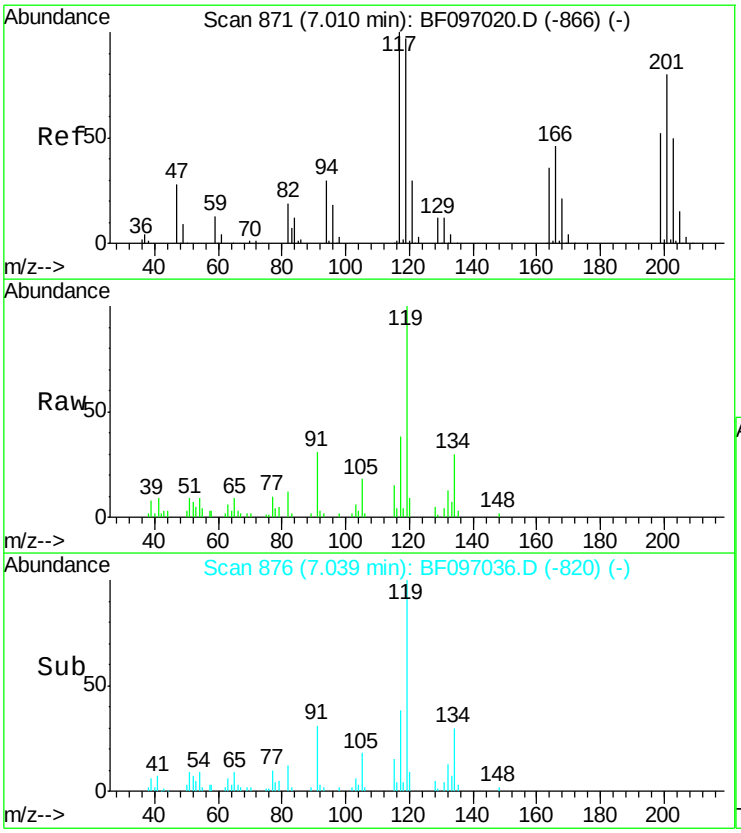
#7
Phenol-d6
Concen: 17.78 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 179928

Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.5	20.3#
71	29.8	24.5	36.7

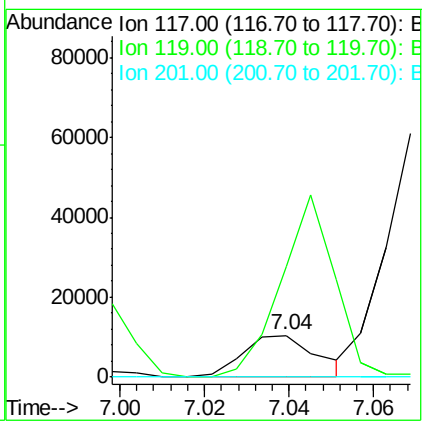


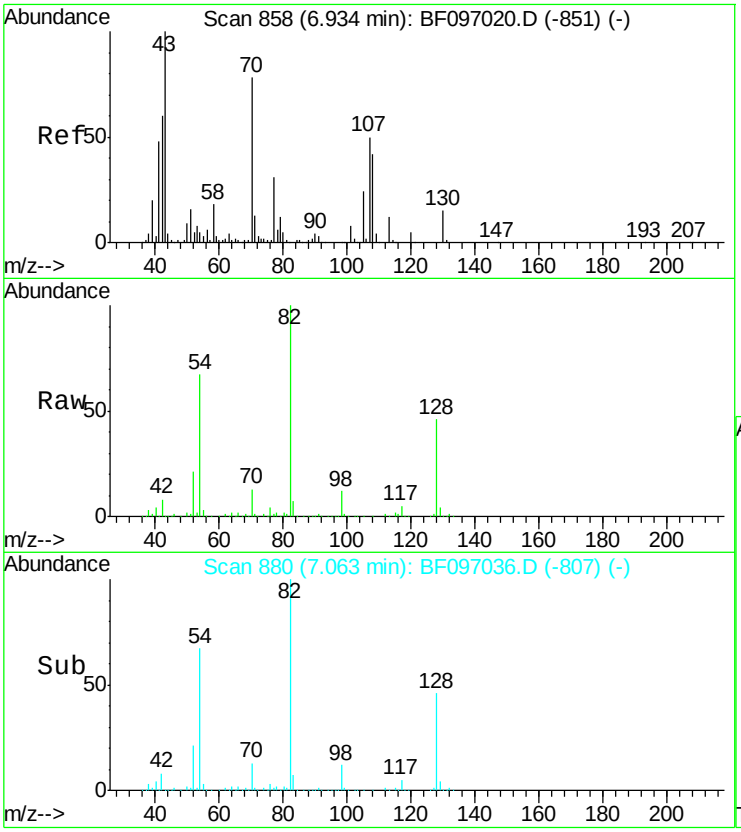


#18
Hexachloroethane
Concen: 3.41 ng
RT: 7.04 min Scan# 876
Delta R.T. 0.03 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:117 Resp: 12634

Ion	Ratio	Lower	Upper
117	100		
119	266.3	77.4	116.0#
201	0.0	94.6	141.8#



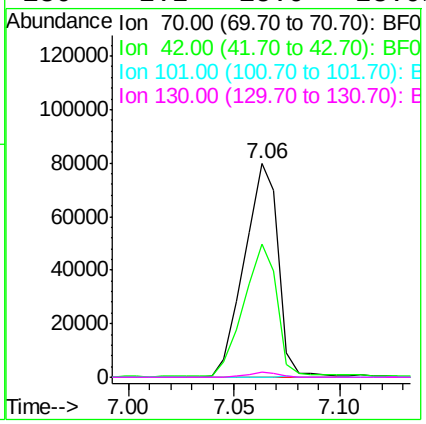


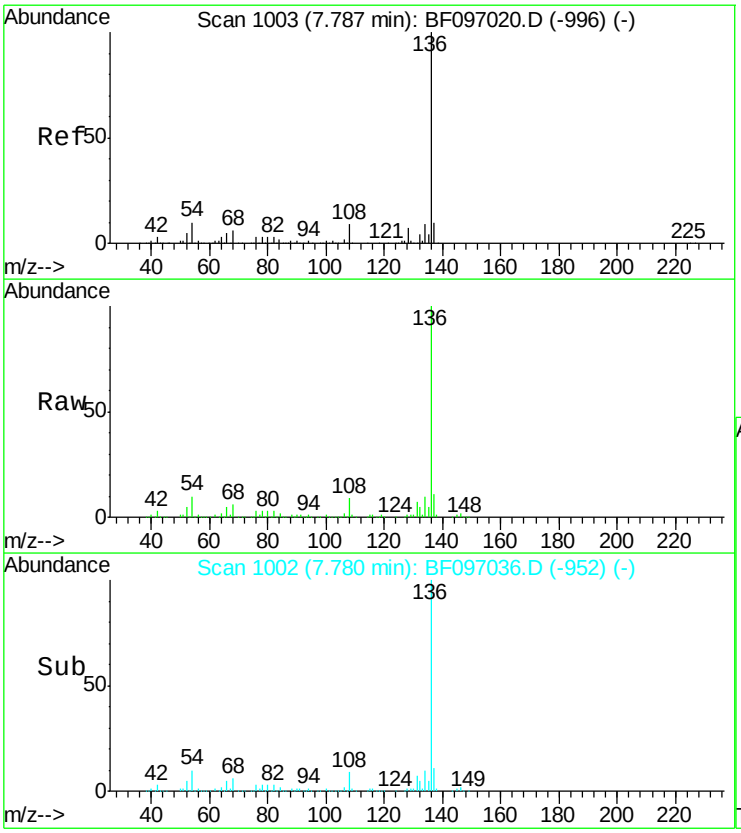
#19
n-Nitroso-di-n-propylamine
Concen: 13.38 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 89132

Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

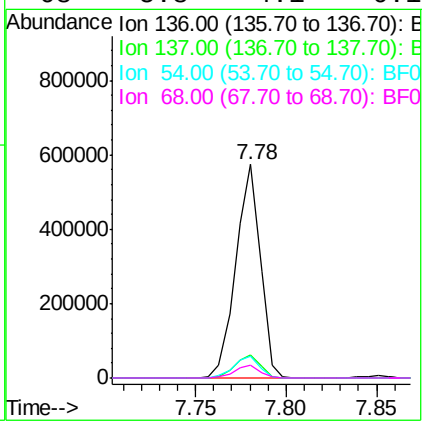


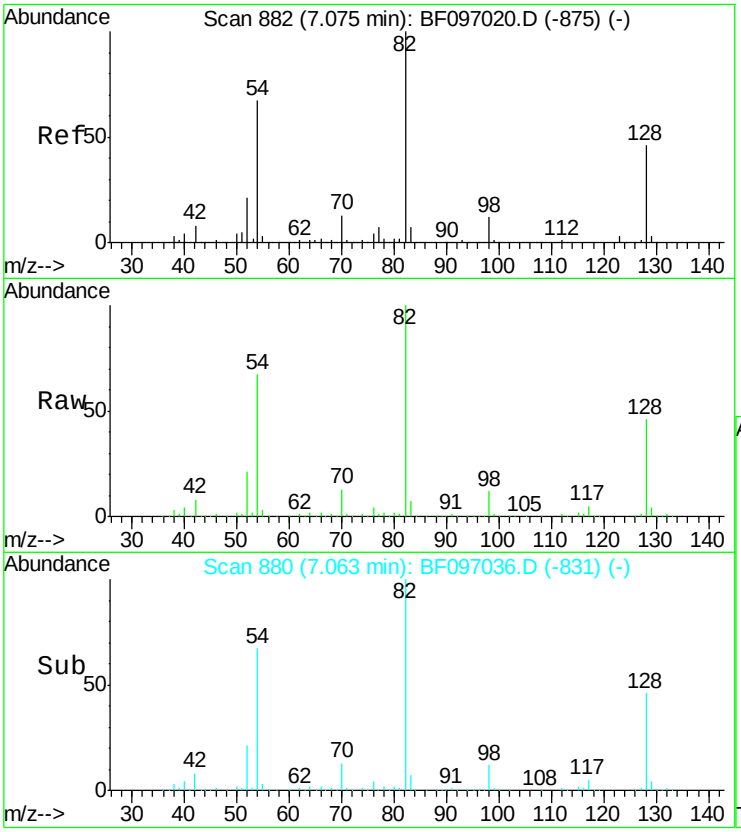


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:136 Resp: 541853

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.4	4.9	7.3#
68	5.8	4.1	6.1



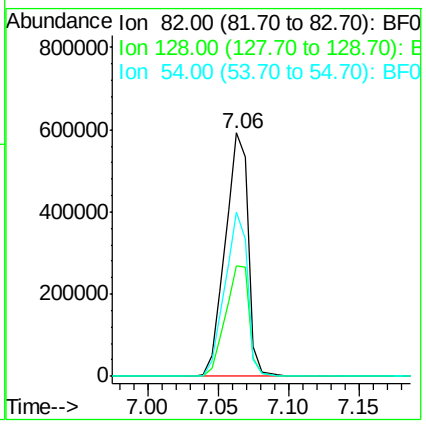


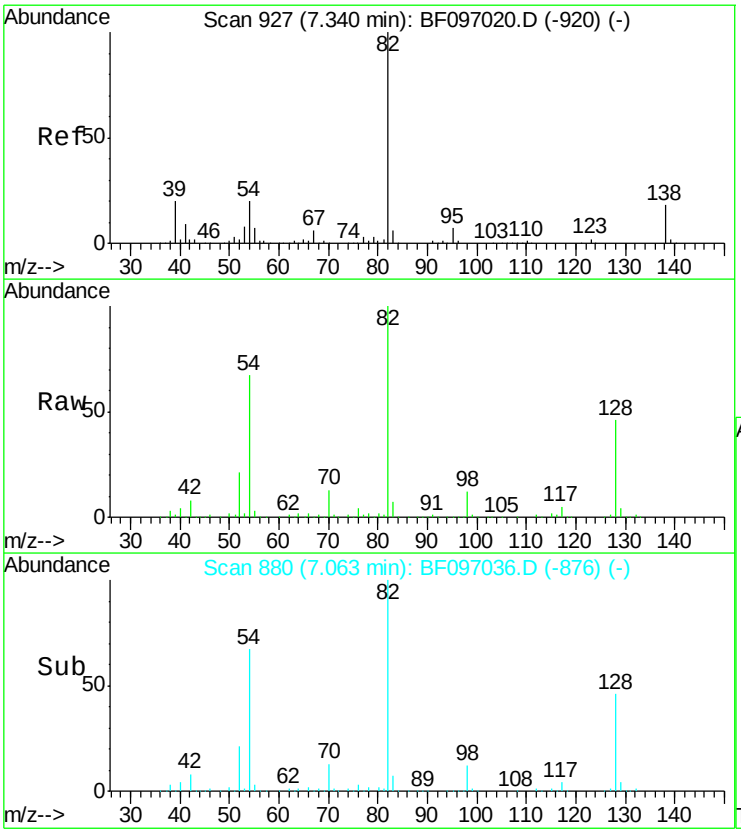
#23
Nitrobenzene-d5
Concen: 72.32 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 667980

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	67.4	42.2	63.2#

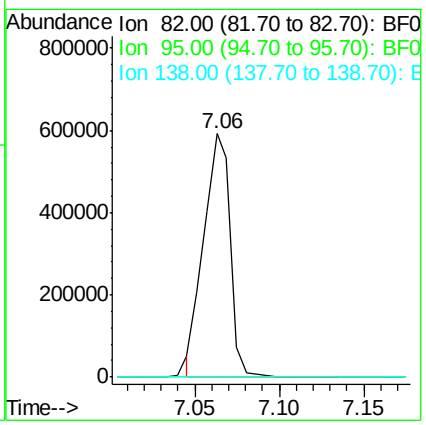


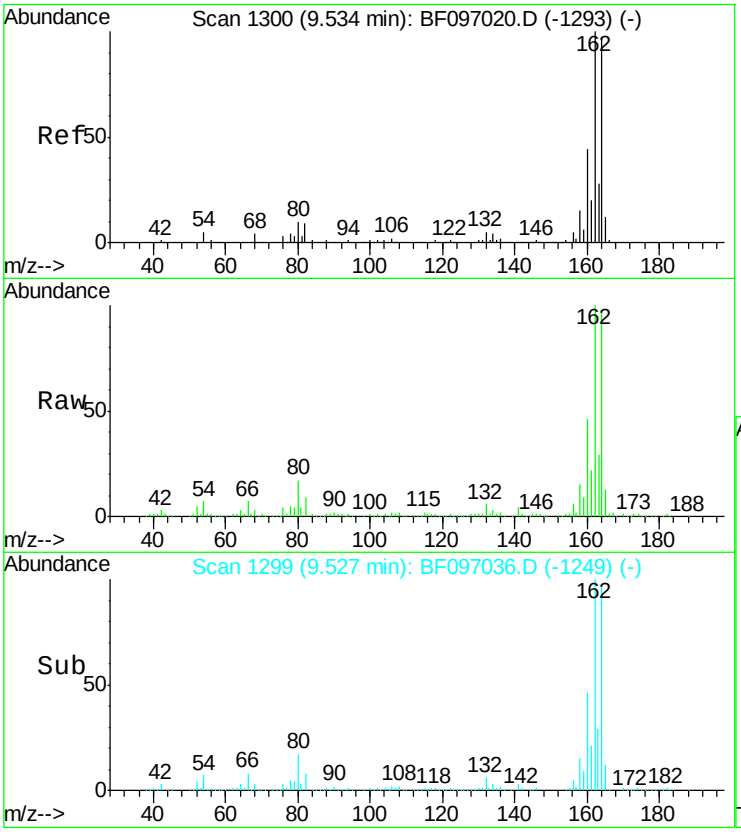


#25
Isophorone
Concen: 35.66 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion: 82 Resp: 644967

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



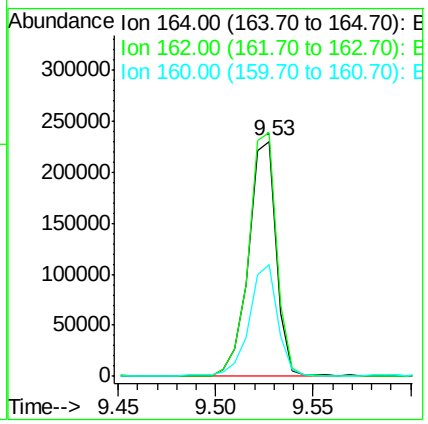


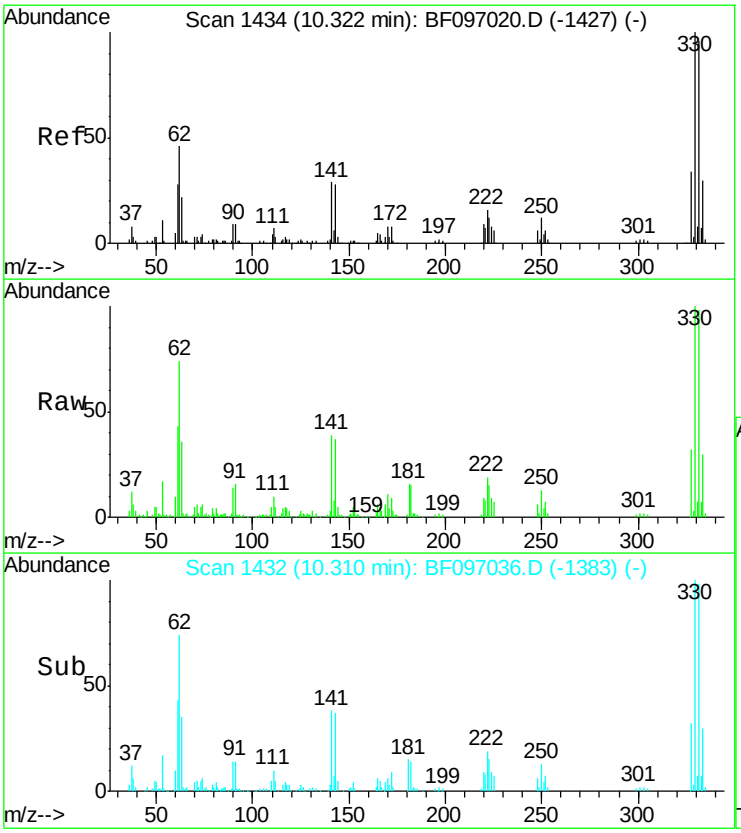
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 228377

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	47.6	36.2	54.2

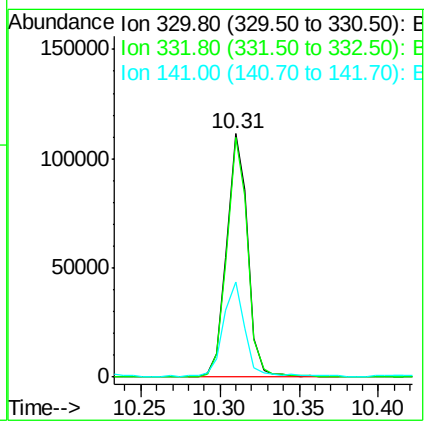


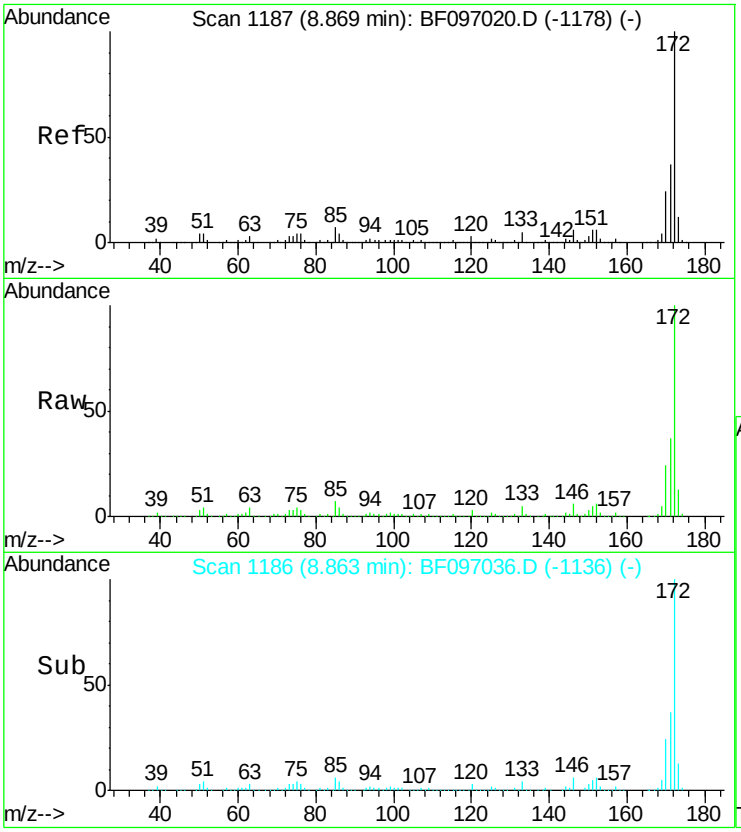


#41
2,4,6-Tribromophenol
Concen: 56.88 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:330 Resp: 102630

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	42.6	31.4	47.2



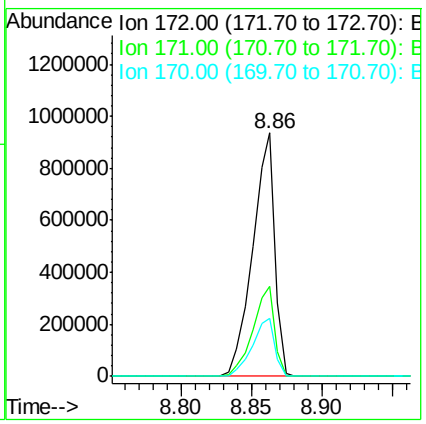


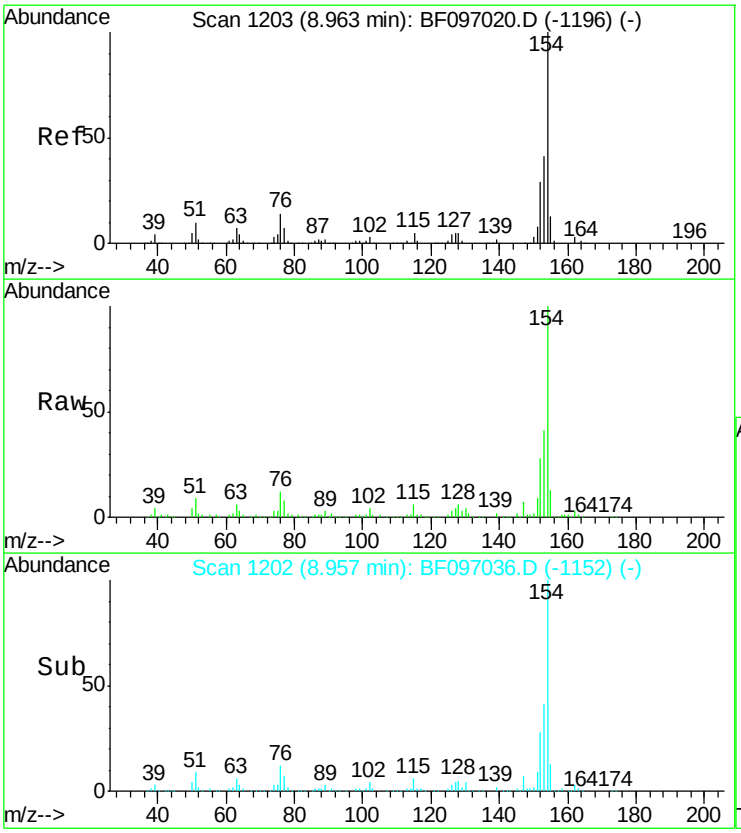
#44
2-Fluorobiphenyl
Concen: 76.86 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1034237

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.0	19.8	29.8

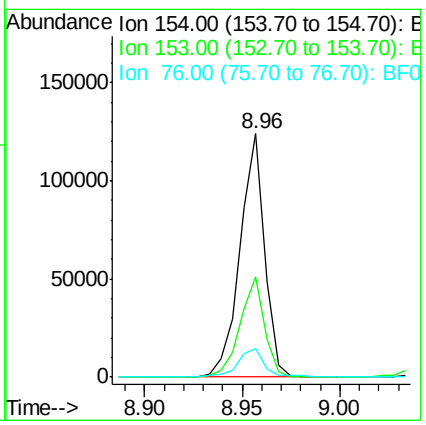


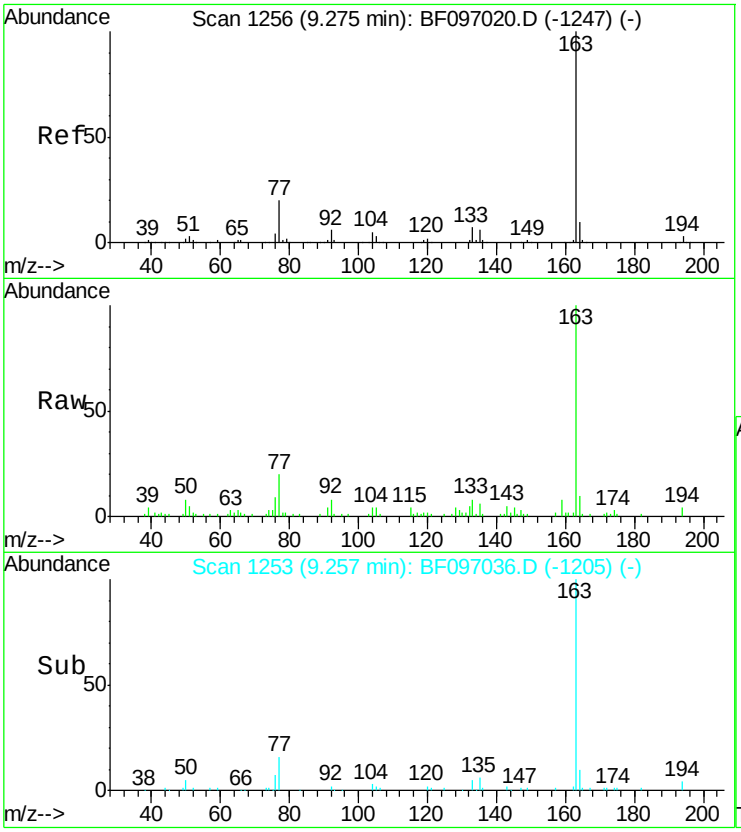


#45
1,1'-Biphenyl
Concen: 5.55 ng
RT: 8.96 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:154 Resp: 108331

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	11.9	0.0	29.9



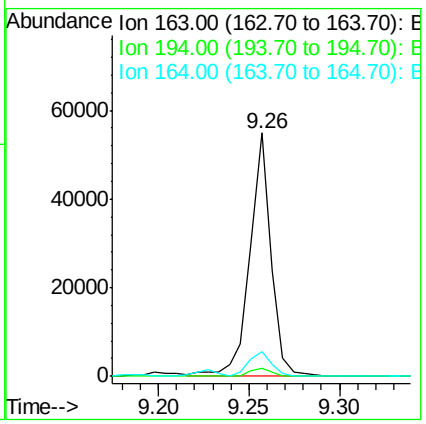


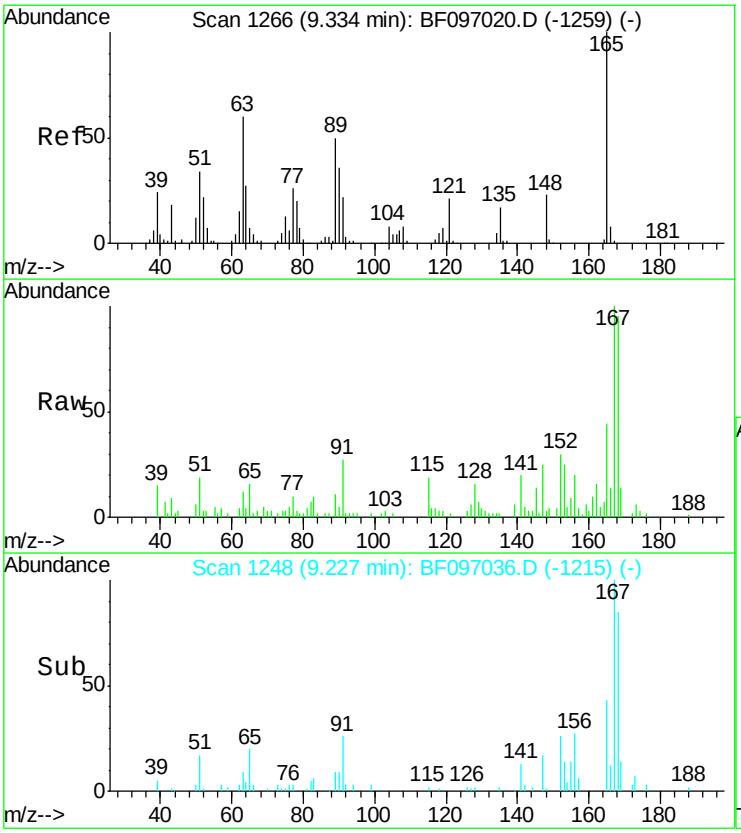
#49
Dimethylphthalate
Concen: 2.58 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 44789

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6

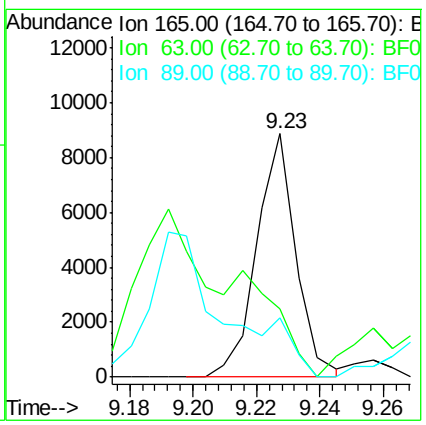


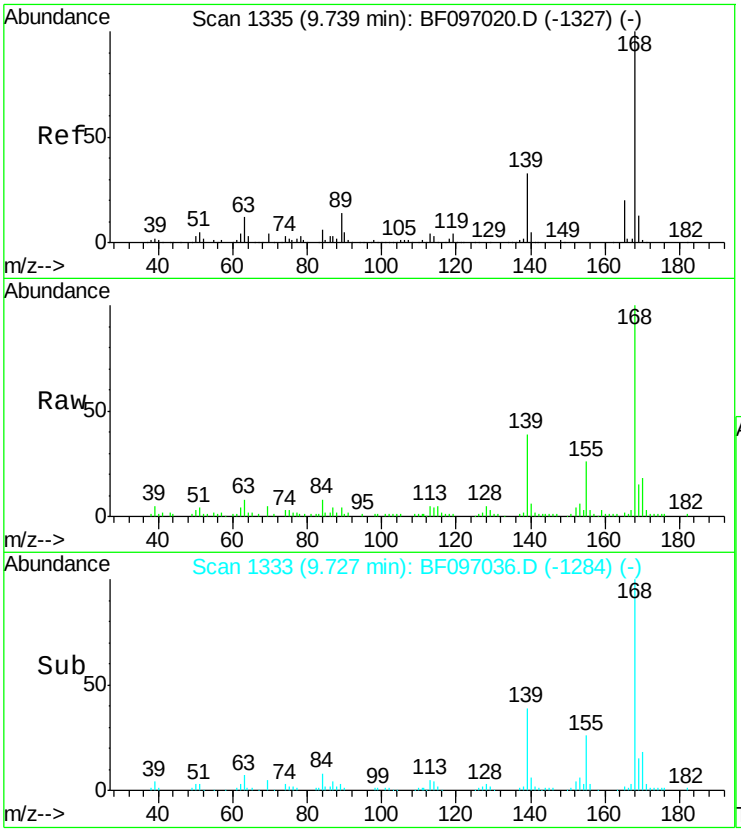


#50
2,6-Dinitrotoluene
Concen: 2.07 ng
RT: 9.23 min Scan# 1248
Delta R.T. -0.11 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:165 Resp: 7614

Ion	Ratio	Lower	Upper
165	100		
63	27.9	34.3	51.5#
89	24.5	37.1	55.7#



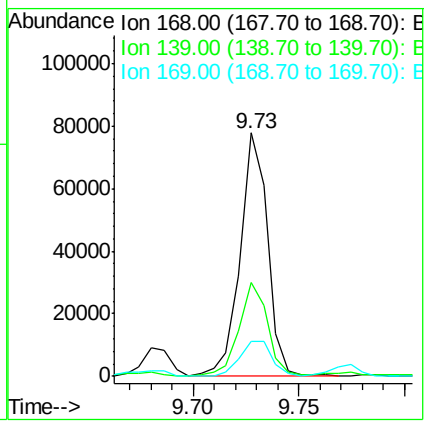


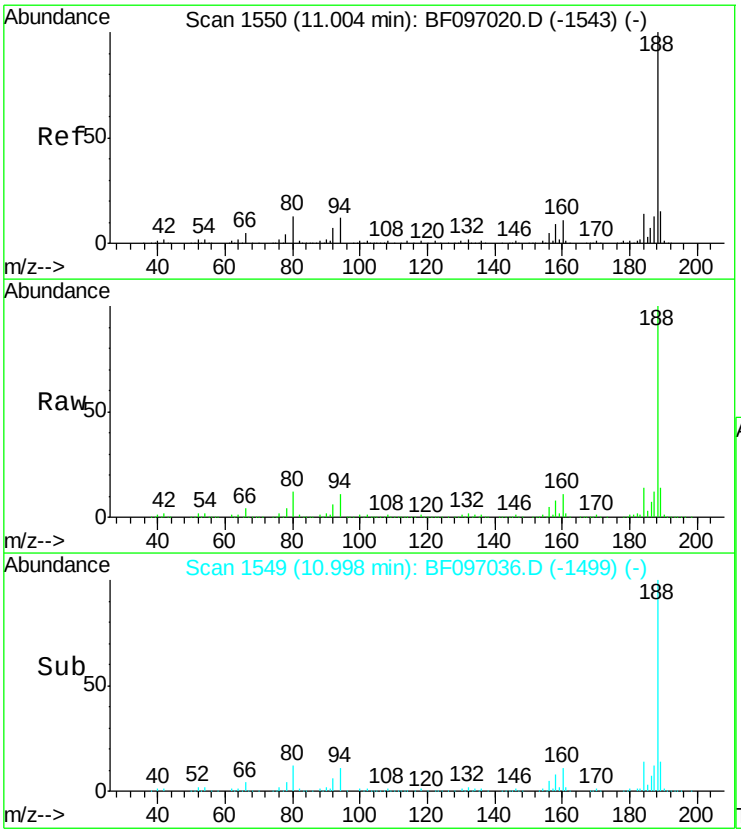
#54
Dibenzofuran
Concen: 4.06 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 70216

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	14.6	10.8	16.2

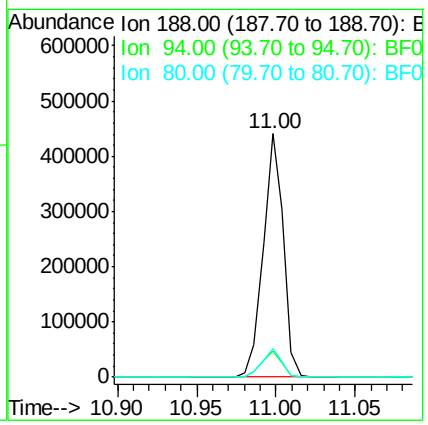


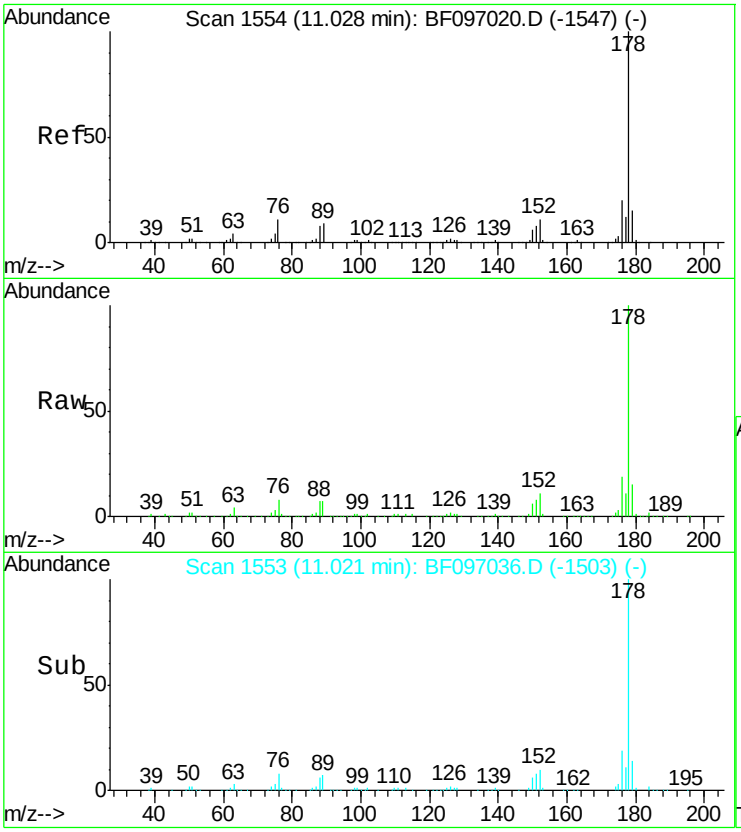


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:188 Resp: 392384

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.6	10.2	15.2



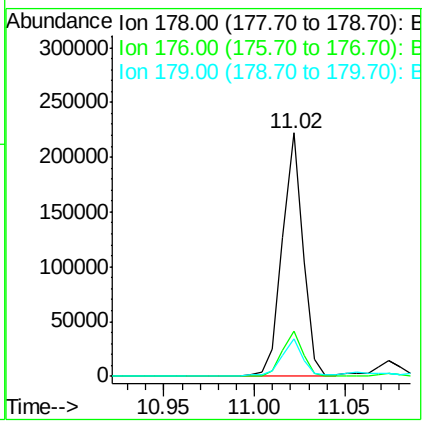


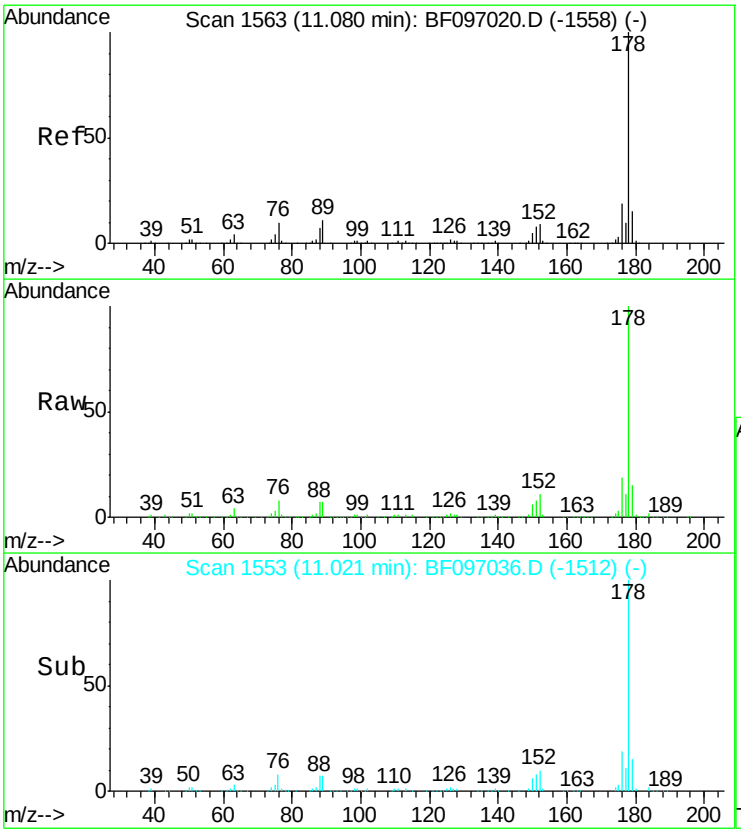
#70
Phenanthrene
Concen: 8.45 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 177632

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.3	12.6	19.0

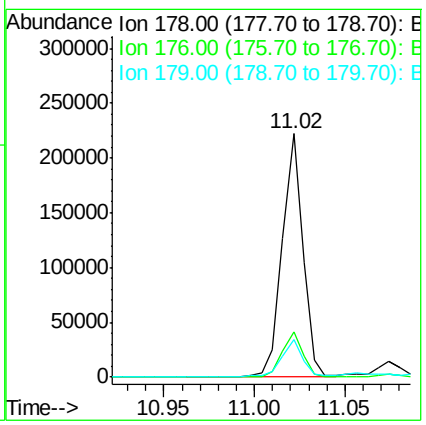


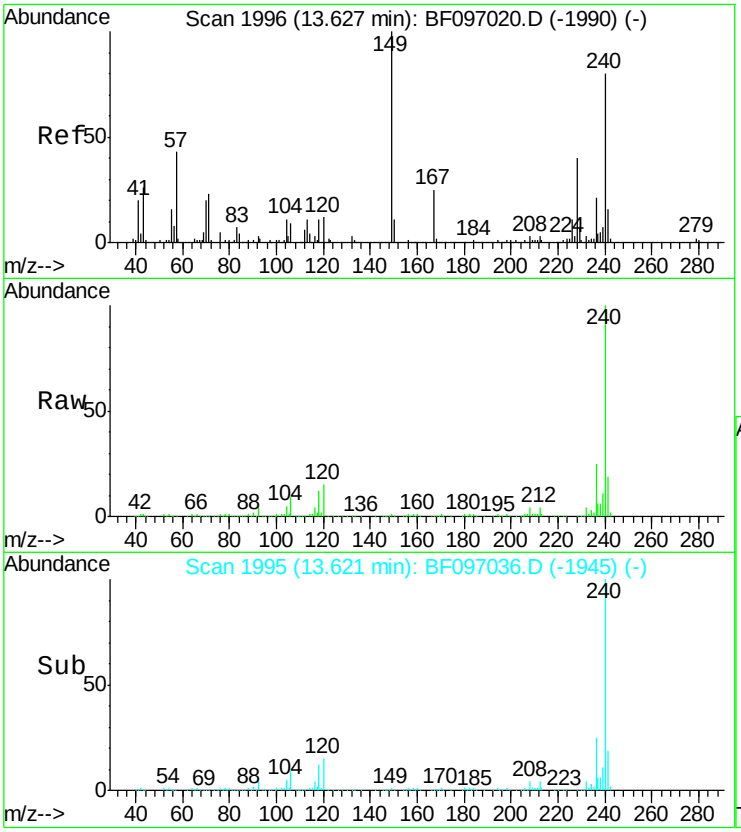


#71
Anthracene
Concen: 8.25 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.06 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:178 Resp: 177632

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	12.7	19.1



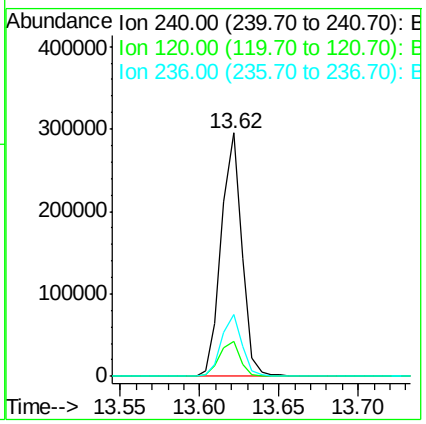


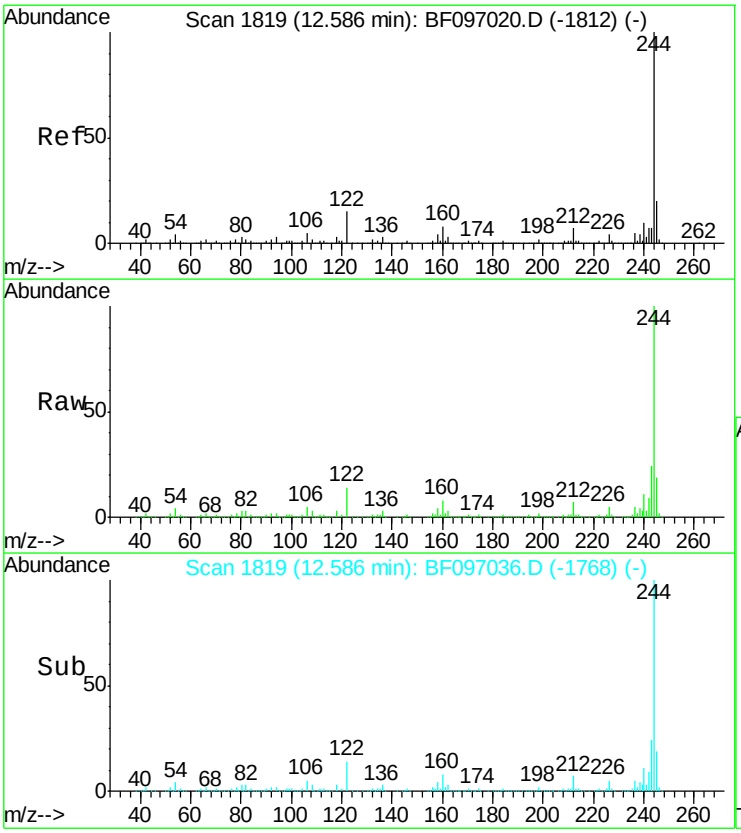
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 266233

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.4	20.5	30.7

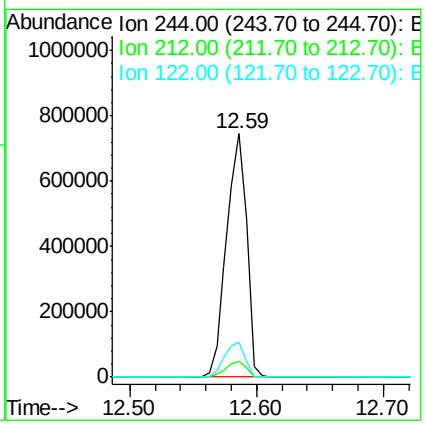


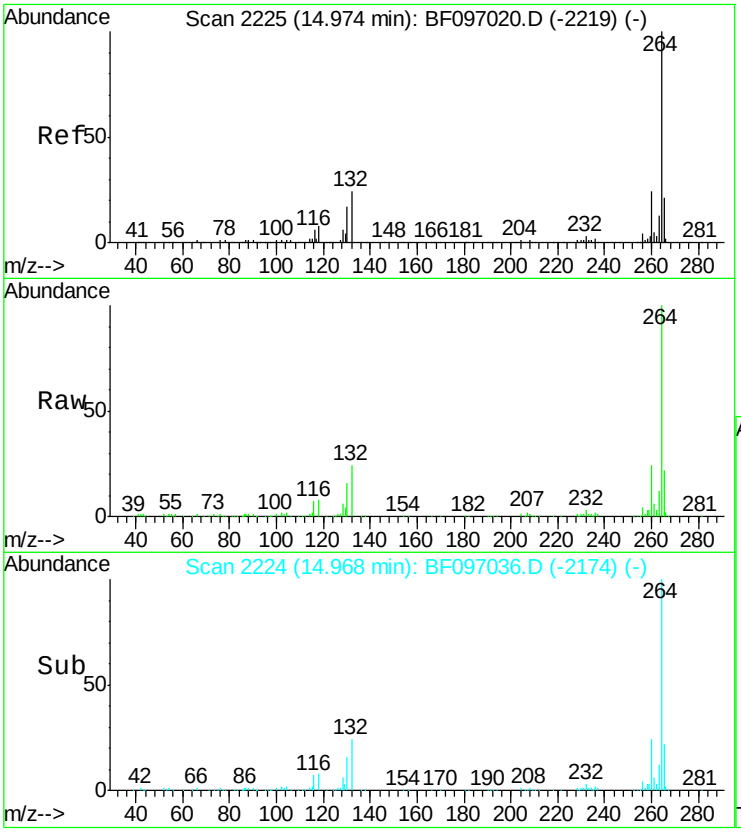


#78
Terphenyl-d14
Concen: 62.33 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Tgt Ion:244 Resp: 813932

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097036.D
Acq: 25 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 175094

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8