Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095617.D
Acq On : 2 Jun 2017 4:26
Operator : SJ/MA
Sample : I3412-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-COMP

Quant Time: Jun 17 00:55:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	87405	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	354881	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	162737	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	298973	20.00	ng		0.00
75) Chrysene-d12	18.50	240	265479	20.00	ng		0.00
86) Perylene-d12	20.17	264	178778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	8.45	82	565491	100.48	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	11.34	172	1087723	96.20	ng		0.00
78) Terphenyl-d14	17.15	244	1003622	83.27	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.19	42	135	0.054	ng	#	1
15) Benzyl Alcohol	7.77	79	8928	2.207	ng	#	36
19) n-Nitroso-di-n-propylamine	8.45	70	68206	16.032	ng	#	77
22) Acetophenone	8.31	105	119	0.014	ng	#	46
24) Nitrobenzene	8.45	77	941	0.160	ng	#	33
25) Isophorone	8.93	82	239	0.024	ng	#	67
31) Naphthalene	9.61	128	30916	1.733	ng		99
33) 4-Chloroaniline	9.62	127	3953	0.595	ng	#	42
37) 2-Methylnaphthalene	10.79	142	3428	0.293	ng	#	95
45) 1,1'-Biphenyl	11.50	154	568	0.041	ng	#	42
50) 2,6-Dinitrotoluene	12.40	165	19138	7.022	ng	#	31
51) Acenaphthene	12.46	154	1506	0.146	ng		93
54) Dibenzofuran	12.84	168	1051	0.073	ng	#	45
57) Fluorene	13.37	166	954	0.077	ng	#	79
59) Diethylphthalate	13.23	149	253	0.020	ng	#	60
70) Phenanthrene	14.84	178	2553	0.149	ng	#	59
71) Anthracene	14.84	178	2553	0.145	ng	#	59
73) Di-n-butylphthalate	15.80	149	1280	0.064	ng	#	78
77) Pyrene	16.97	202	140	0.007	ng	#	56
80) Benzo(a)anthracene	18.49	228	590	0.038	ng	#	50
82) Chrysene	18.53	228	128	0.009	ng	#	49
83) Bis(2-ethylhexyl)phthalate	18.56	149	1459	0.111	ng	#	89
84) Di-n-octyl phthalate	19.33	149	107	0.005	ng	#	1
89) Benzo(a)pyrene	20.17	252	226	0.022	ng	#	59

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

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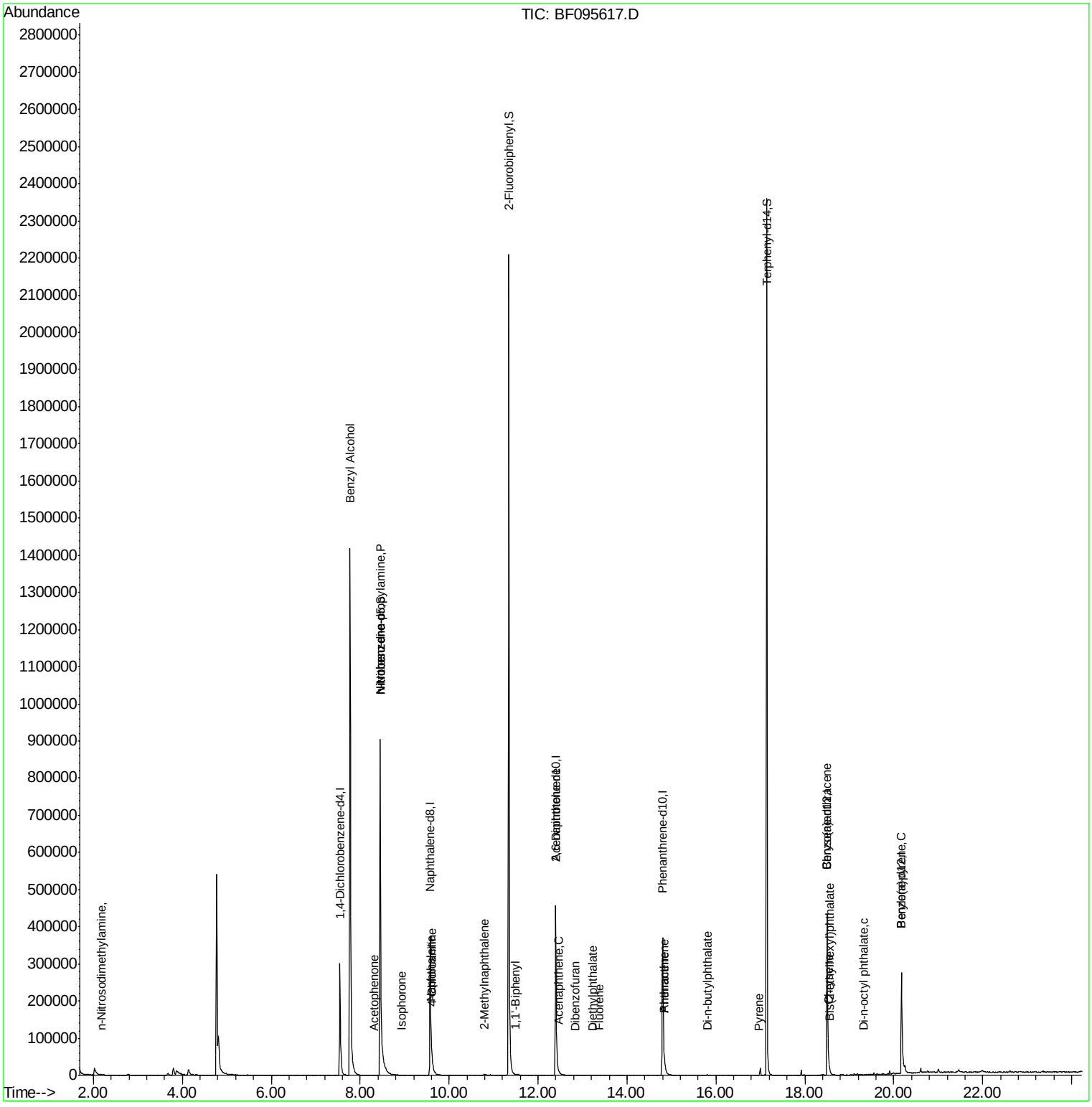
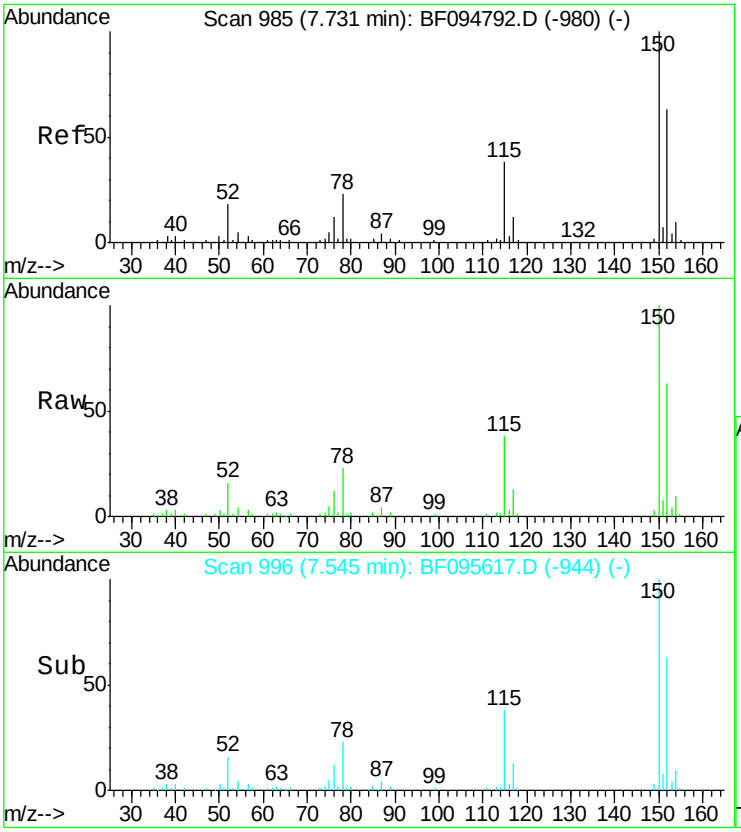


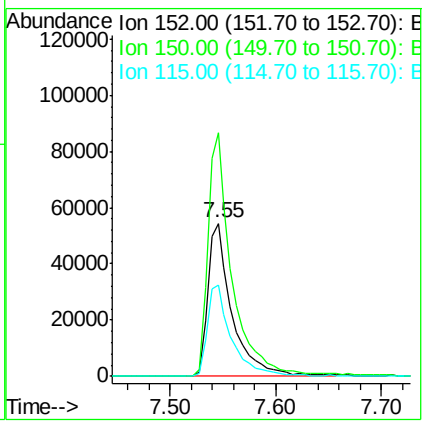


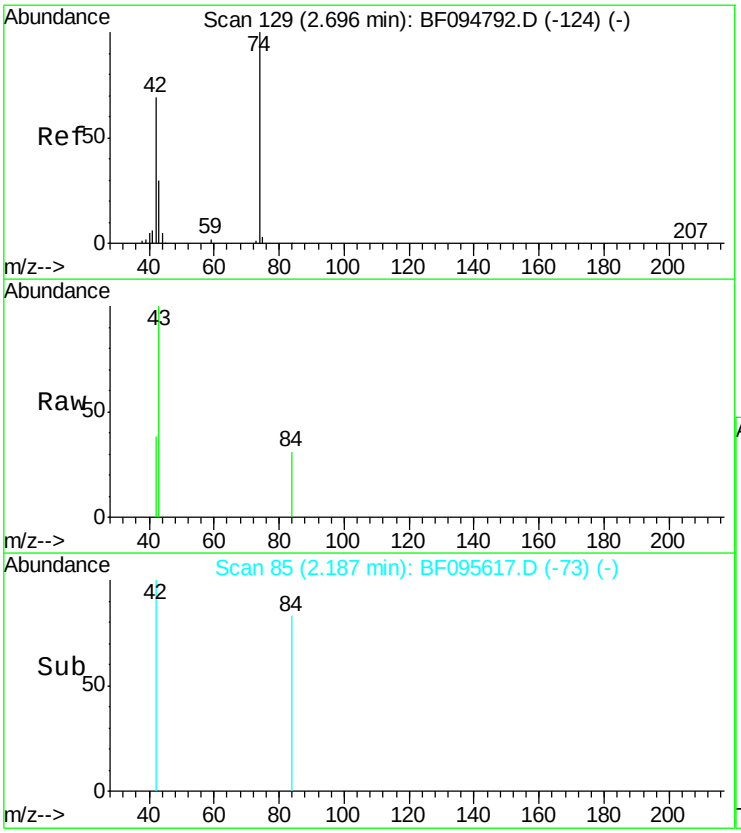
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:152 Resp: 87405

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	59.6	52.2	78.2

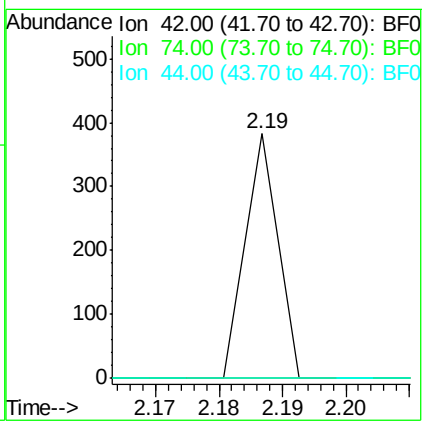


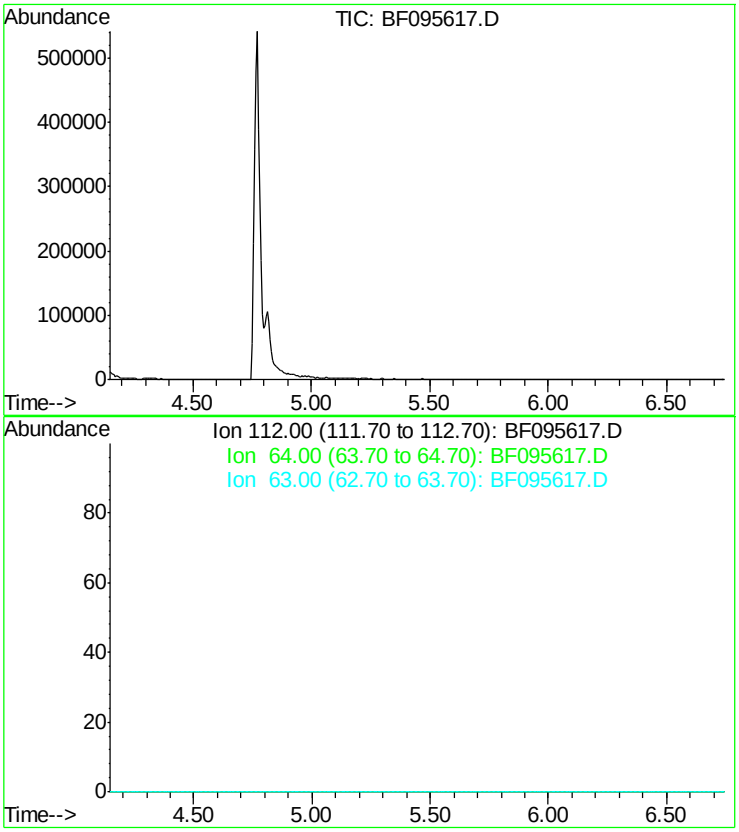


#4
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 2.19 min Scan# 85
Delta R.T. -0.23 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 42 Resp: 135

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#





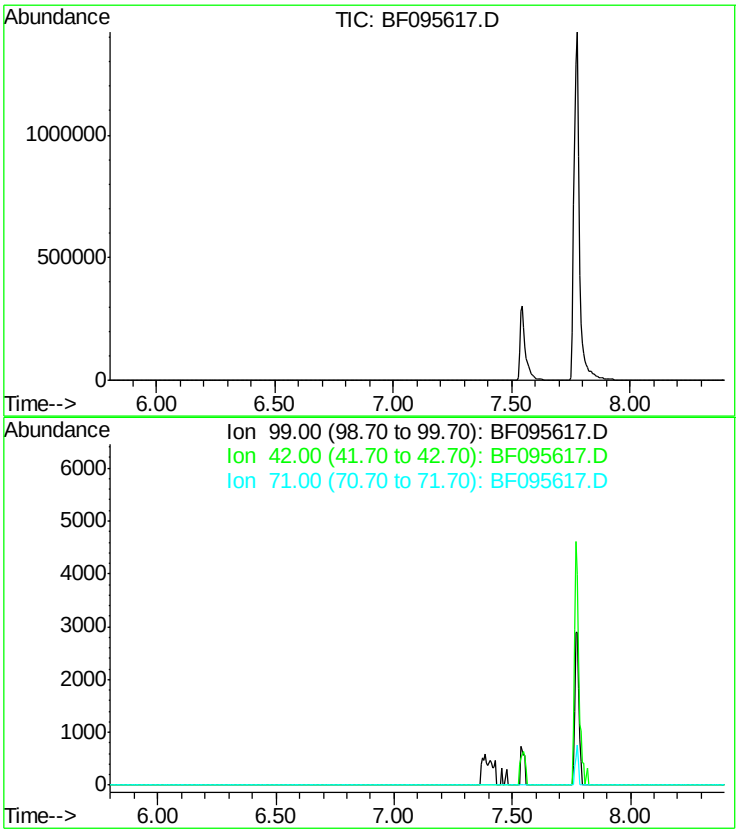
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.45 min

Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.5
63	29.2

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

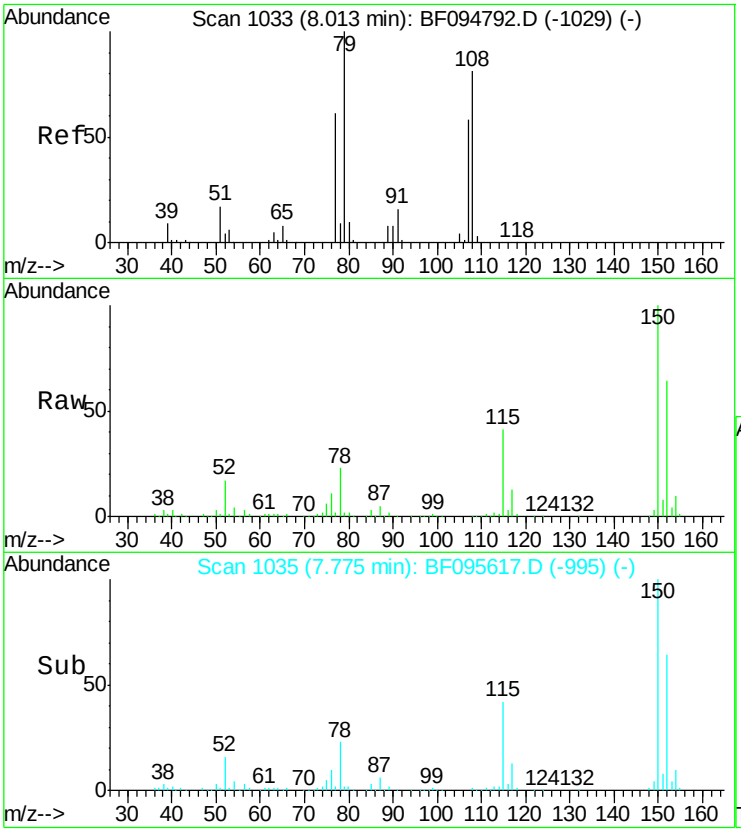


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.10 min

Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.9
71	30.6

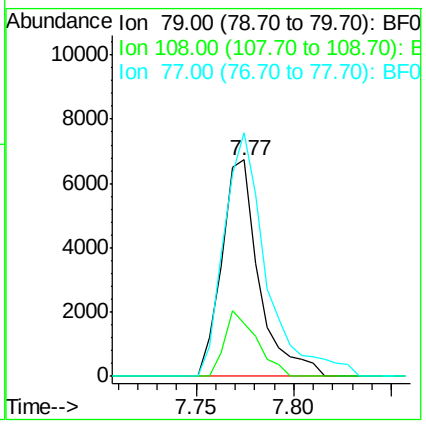


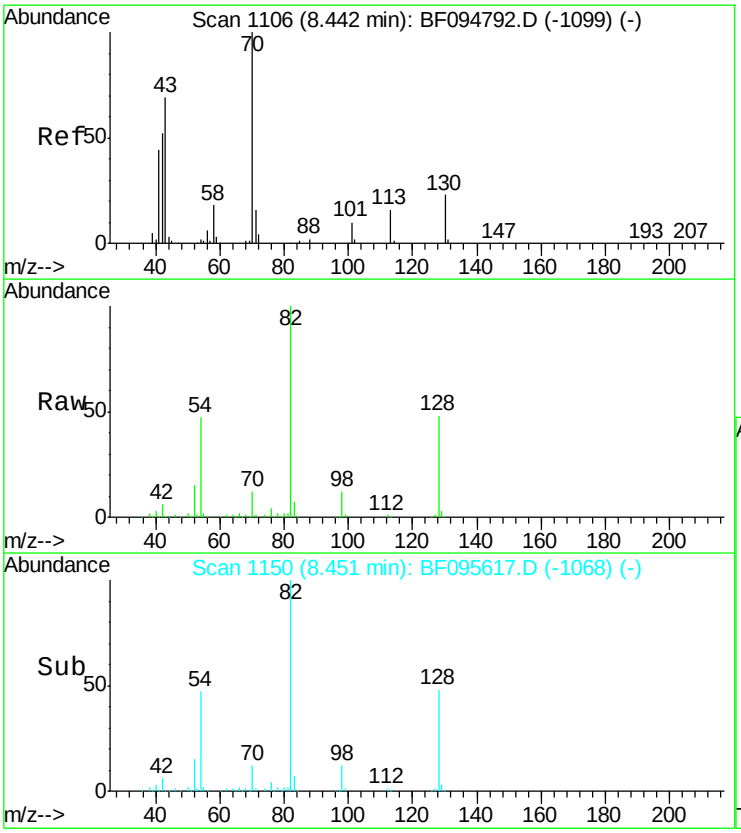
#15
Benzyl Alcohol
Concen: 2.207 ng
RT: 7.77 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion: 79 Resp: 8928

Ion	Ratio	Lower	Upper
79	100		
108	24.2	63.4	95.0#
77	112.4	49.2	73.8#

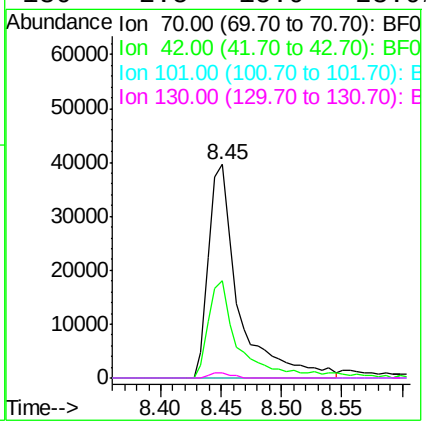


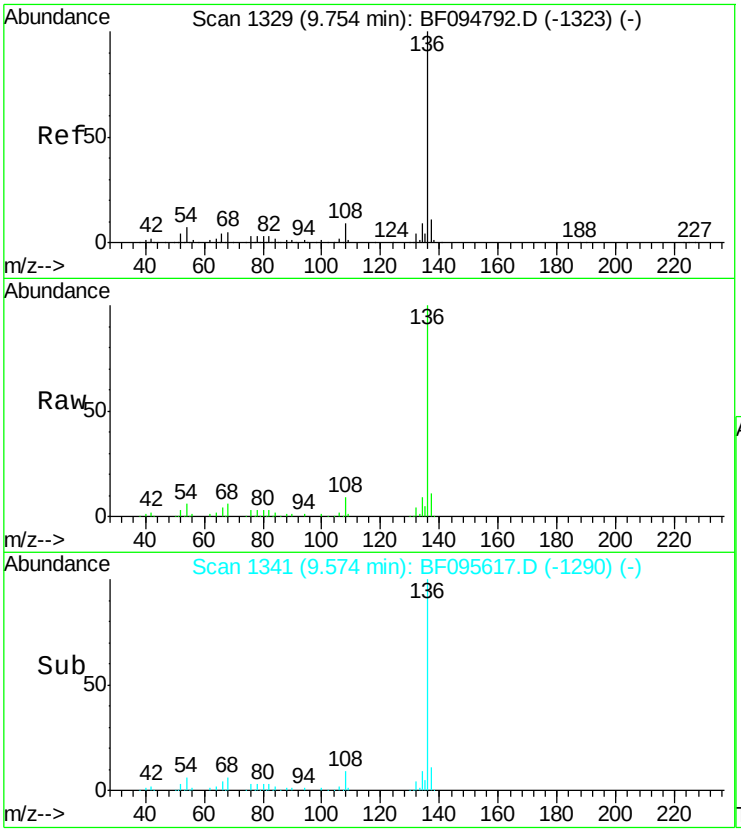


#19
n-Nitroso-di-n-propylamine
Concen: 16.032 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 70 Resp: 68206

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



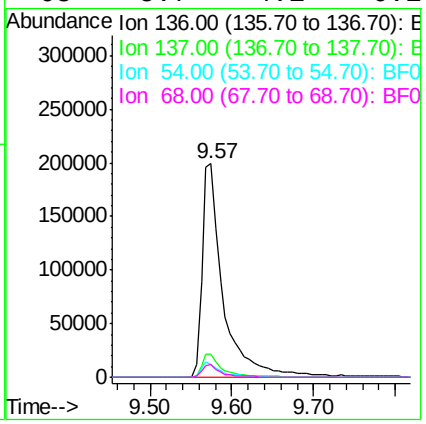


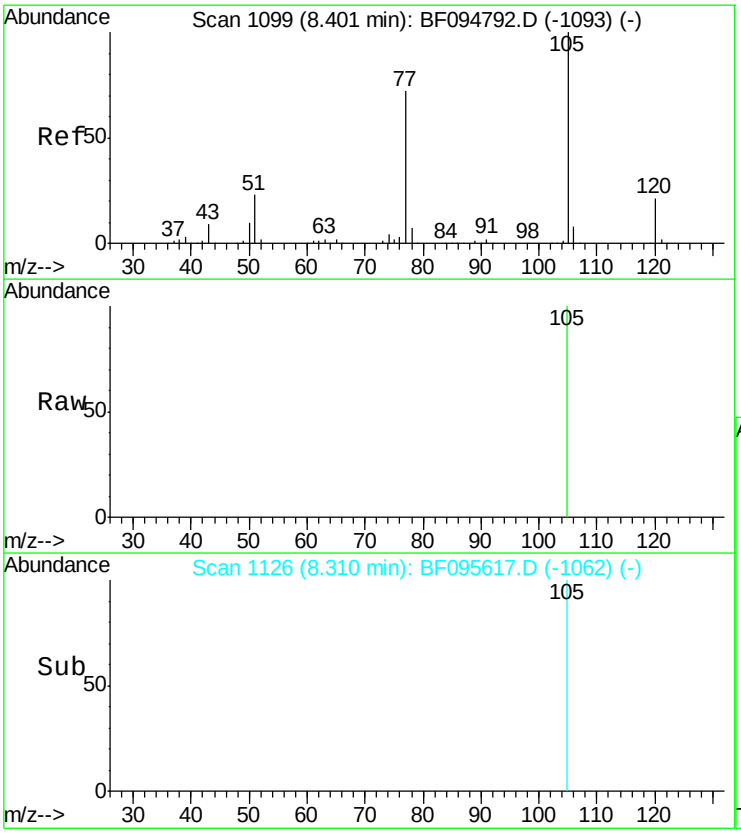
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:136 Resp: 354881

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.2	4.9	7.3
68	5.7	4.1	6.1

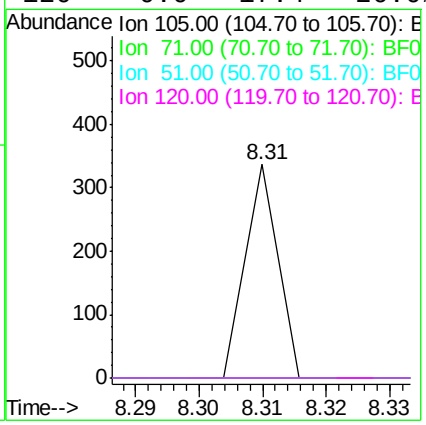


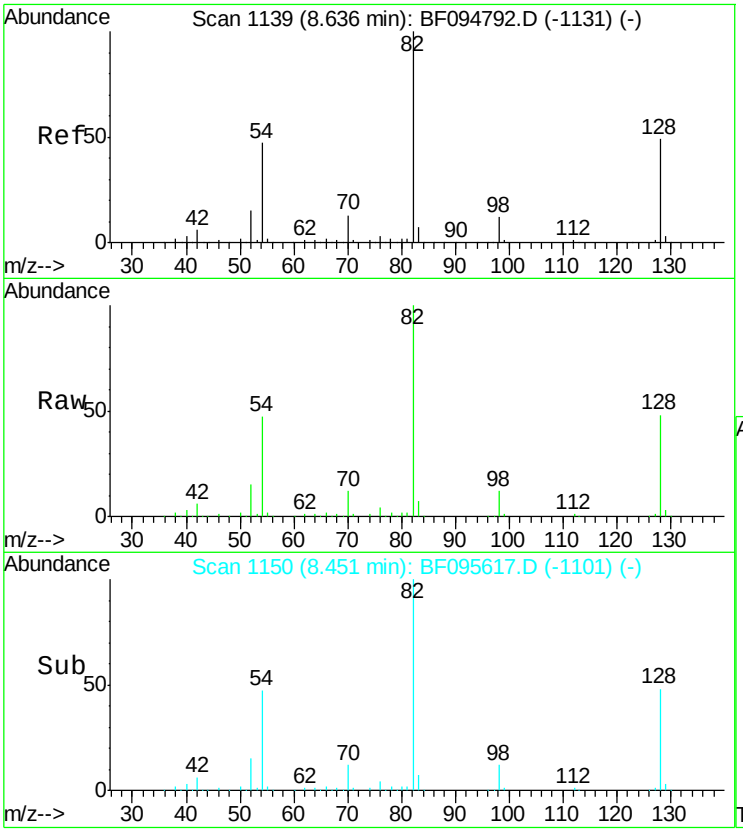


#22
Acetophenone
Concen: 0.014 ng
RT: 8.31 min Scan# 1126
Delta R.T. 0.08 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:105 Resp: 119

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



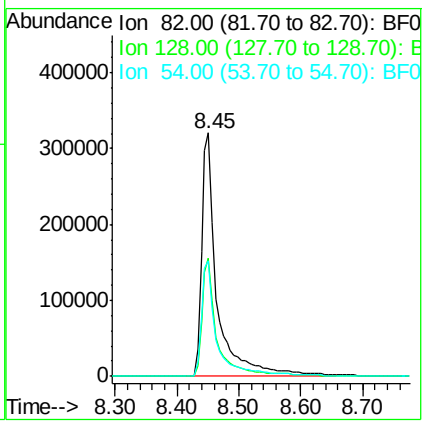


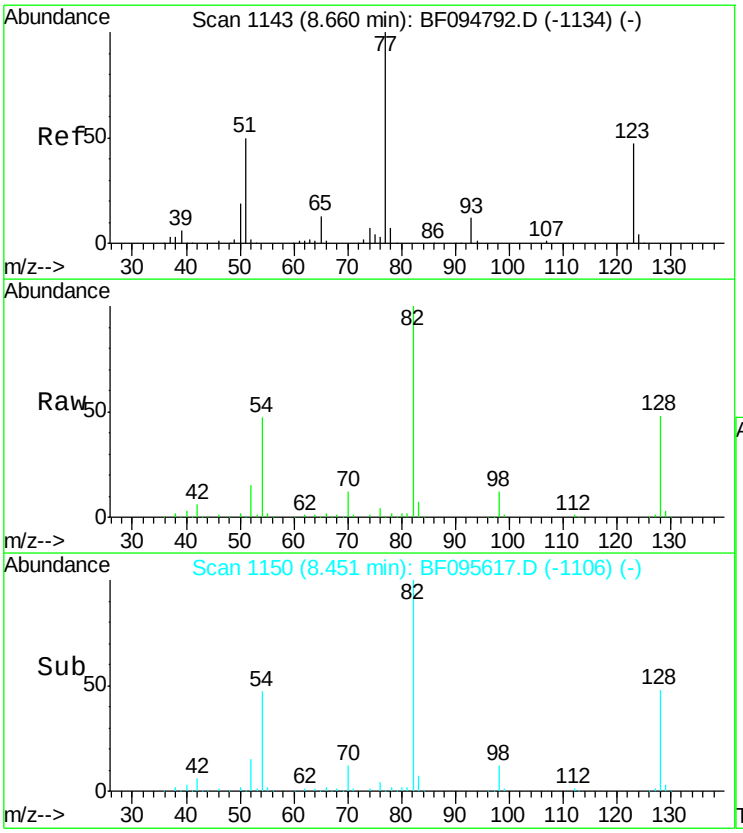
#23
Nitrobenzene-d5
Concen: 100.482 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion: 82 Resp: 565491

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	47.5	42.2	63.2

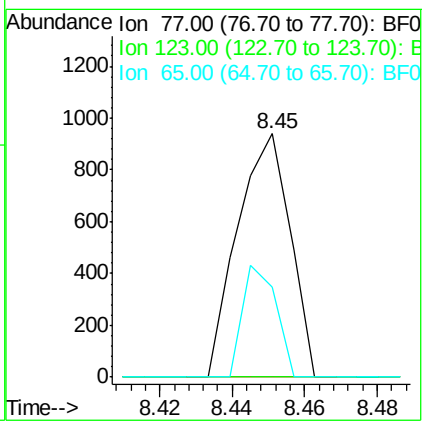


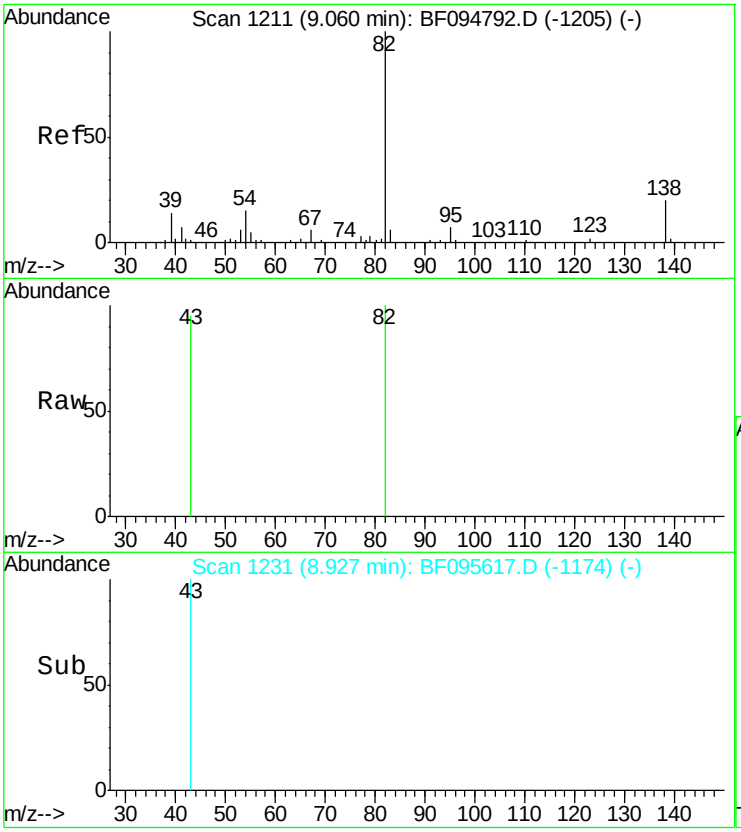


#24
Nitrobenzene
Concen: 0.160 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 77 Resp: 941

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	37.0	10.6	15.8#



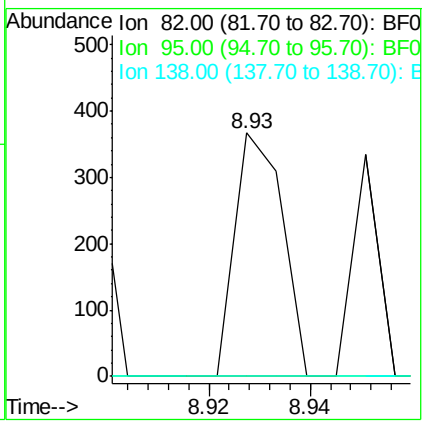


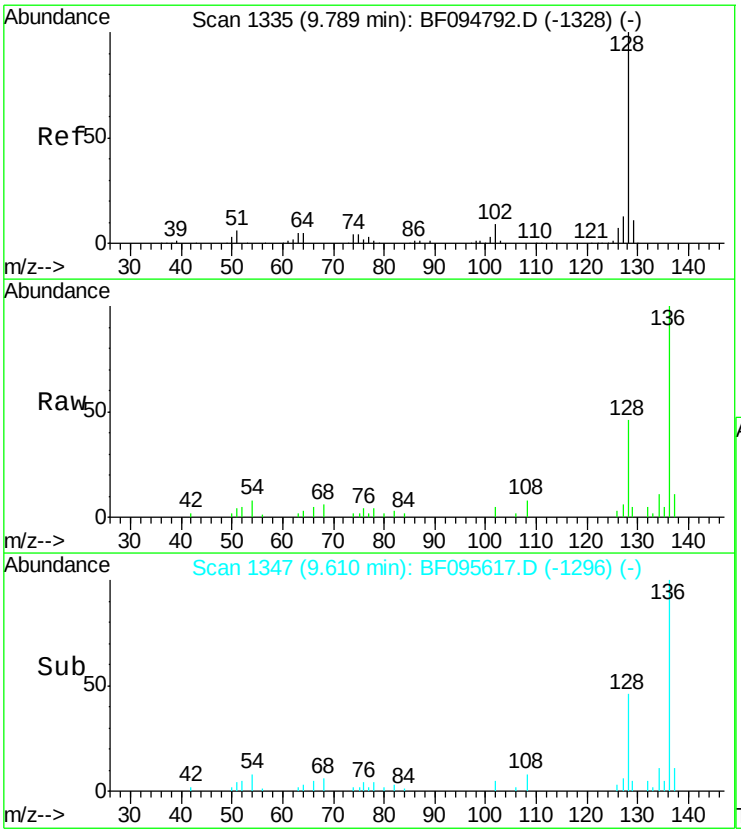
#25
Isophorone
Concen: 0.024 ng
RT: 8.93 min Scan# 1231
Delta R.T. 0.04 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion: 82 Resp: 239

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

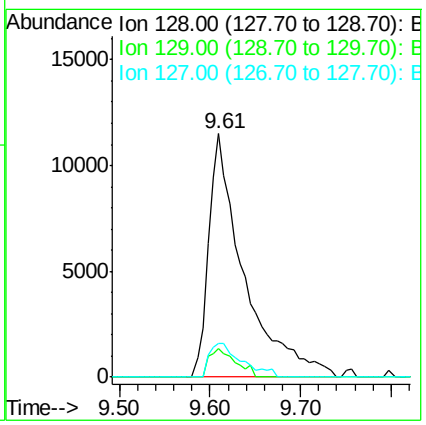


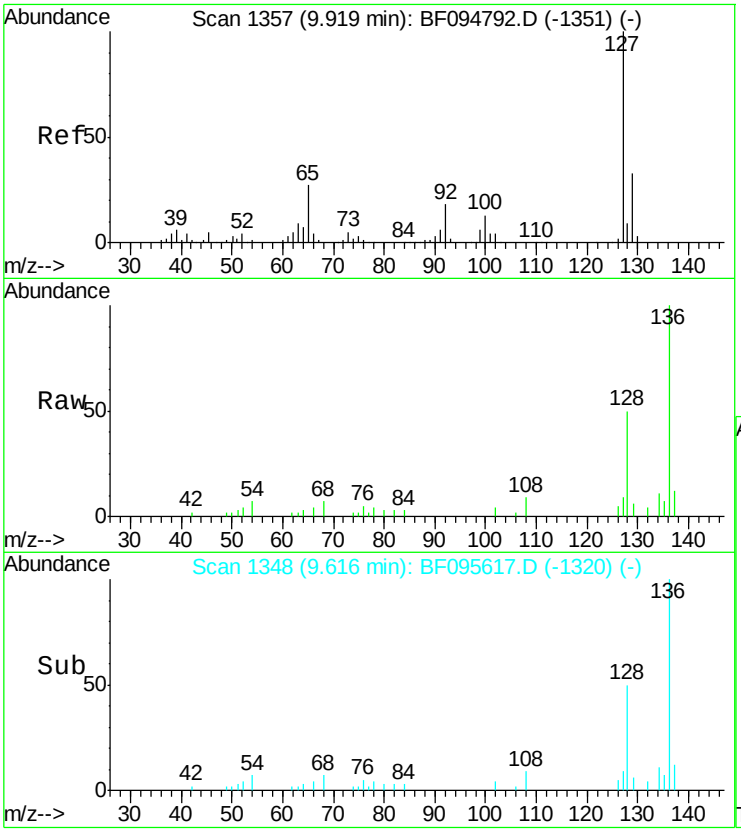


#31
Naphthalene
Concen: 1.733 ng
RT: 9.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:128 Resp: 30916

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.7	10.8	16.2



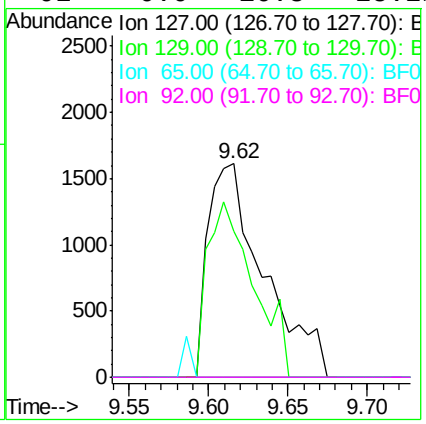


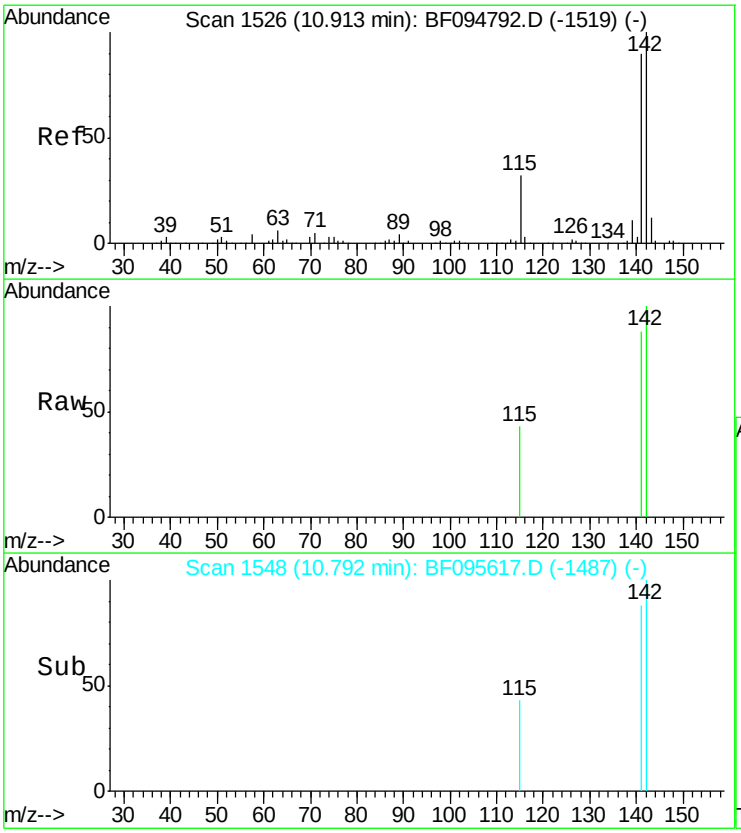
#33
4-Chloroaniline
Concen: 0.595 ng
RT: 9.62 min Scan# 1348
Delta R.T. -0.14 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:127 Resp: 3953

Ion	Ratio	Lower	Upper
127	100		
129	68.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

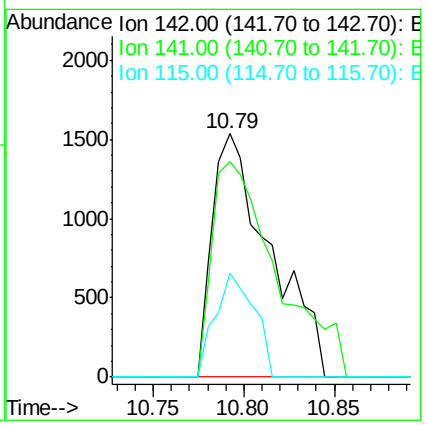


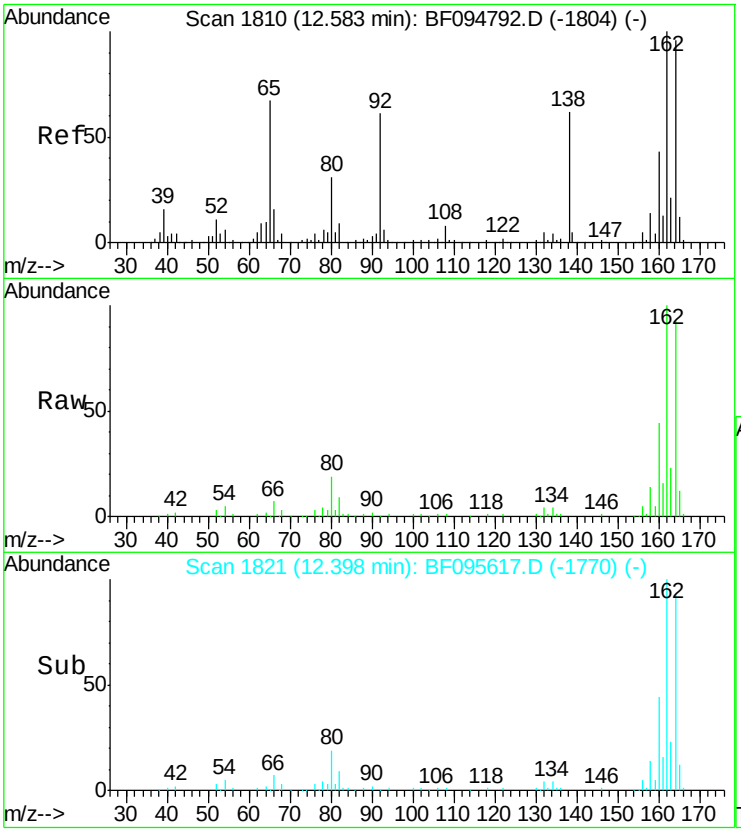


#37
2-Methylnaphthalene
Concen: 0.293 ng
RT: 10.79 min Scan# 1548
Delta R.T. 0.06 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:142 Resp: 3428

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	42.7	27.1	40.7#



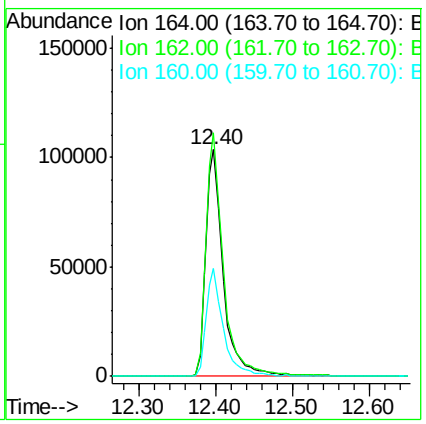


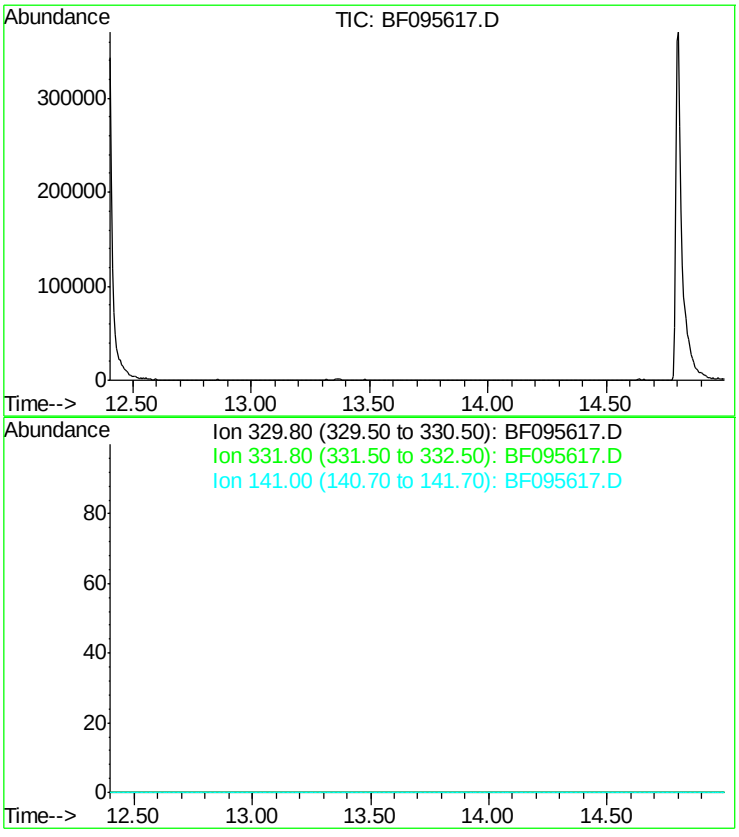
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:164 Resp: 162737

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.6	123.8
160	47.7	36.2	54.2



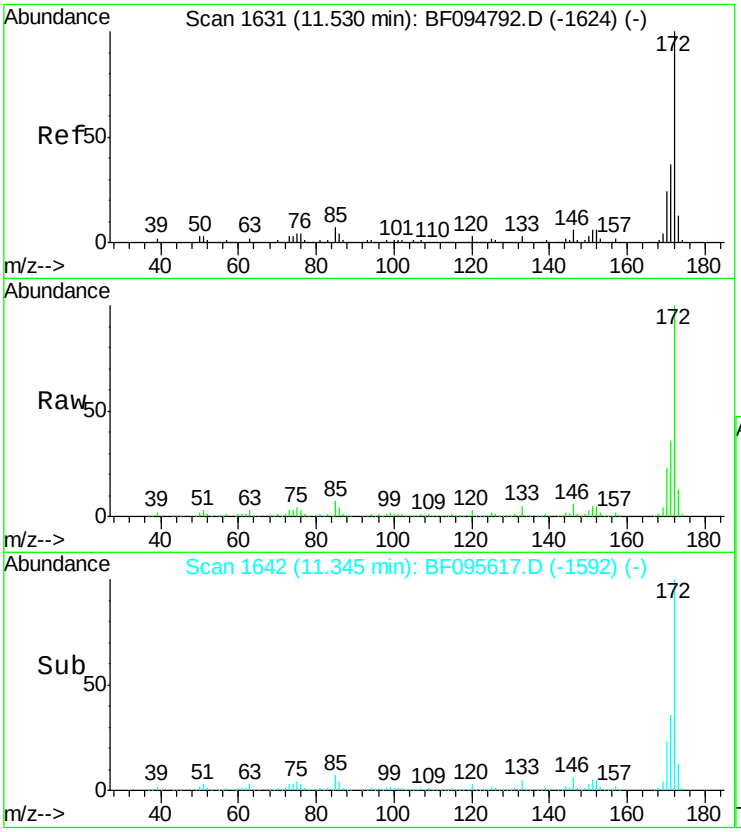


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 13.70 min

Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

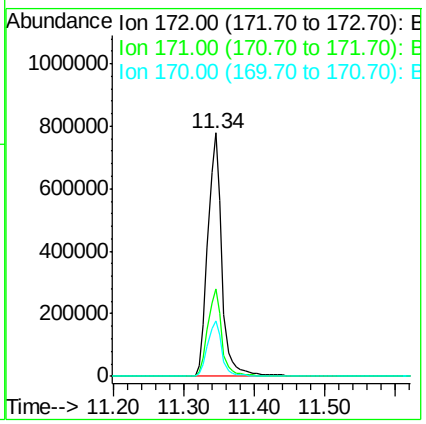


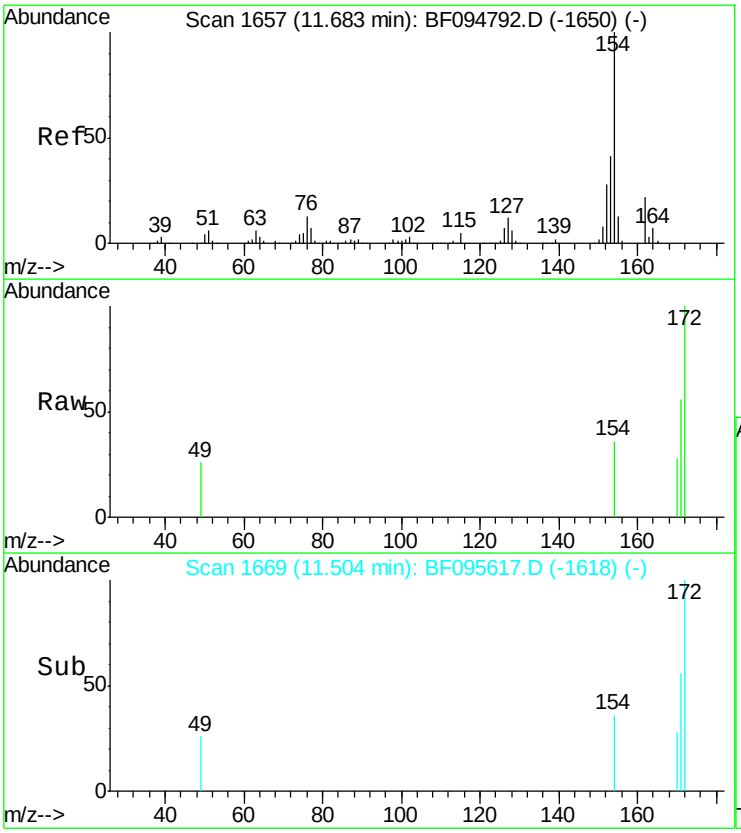
#44
2-Fluorobiphenyl
Concen: 96.205 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:172 Resp: 1087723

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.0	19.8	29.8

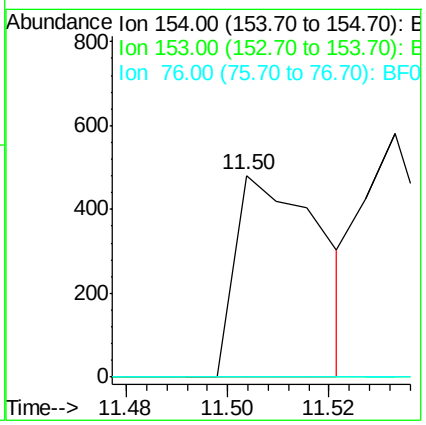


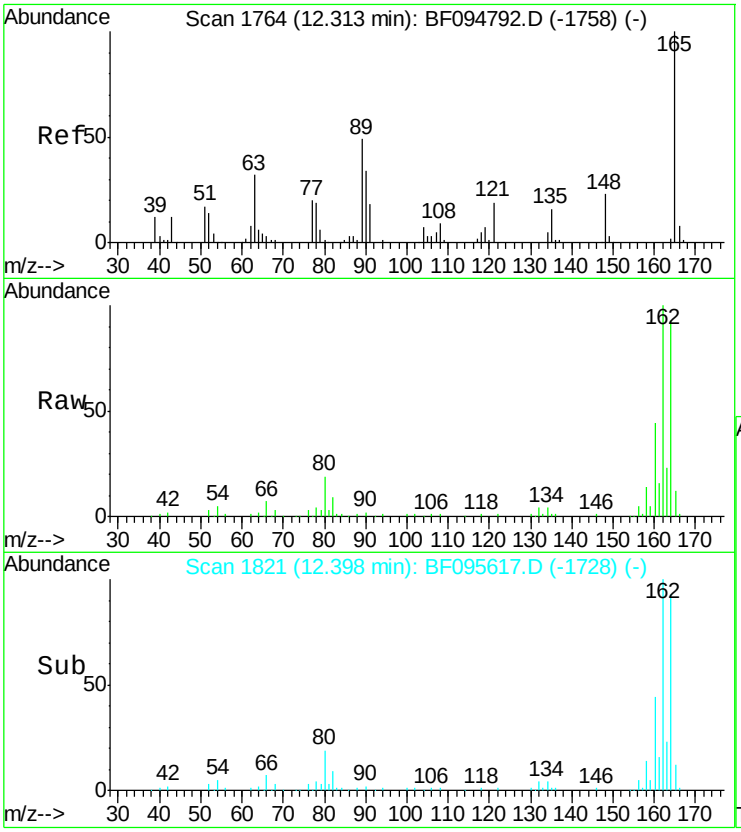


#45
1,1'-Biphenyl
Concen: 0.041 ng
RT: 11.50 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:154 Resp: 568

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



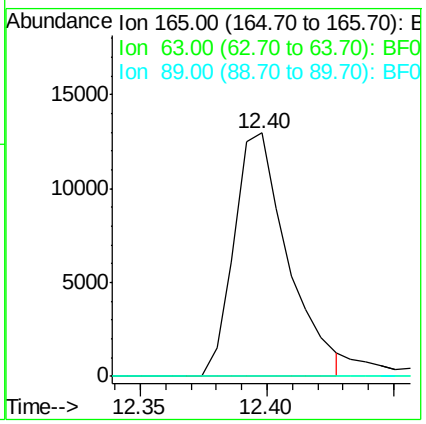


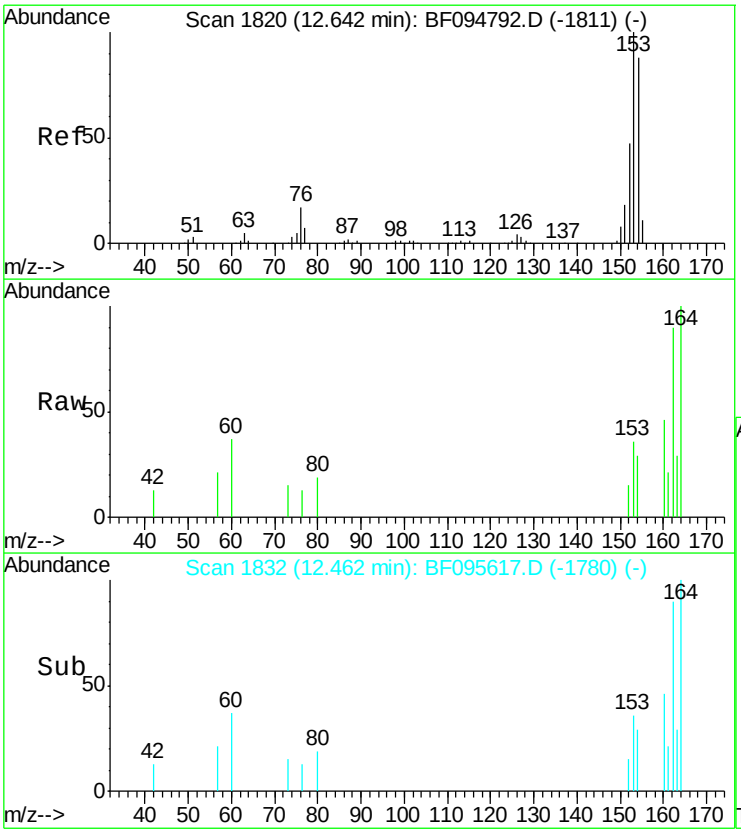
#50
2,6-Dinitrotoluene
Concen: 7.022 ng
RT: 12.40 min Scan# 1821
Delta R.T. 0.25 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:165 Resp: 19138

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

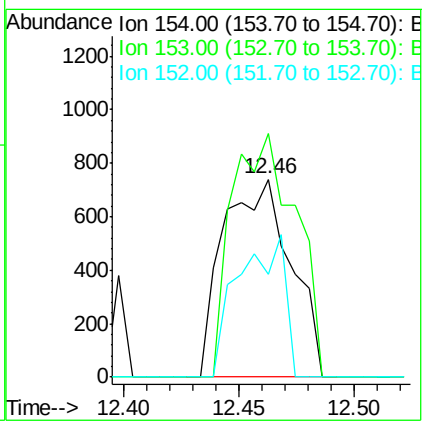


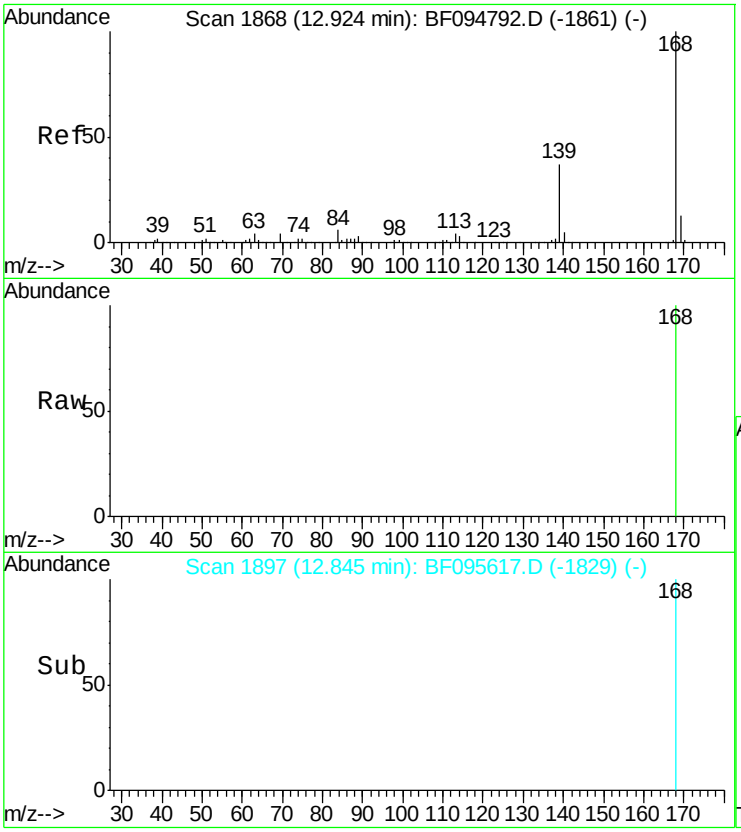


#51
Acenaphthene
Concen: 0.146 ng
RT: 12.46 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:154 Resp: 1506

Ion	Ratio	Lower	Upper
154	100		
153	123.1	90.5	135.7
152	52.2	43.6	65.4



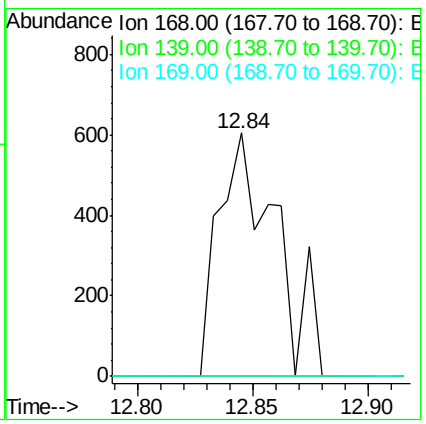


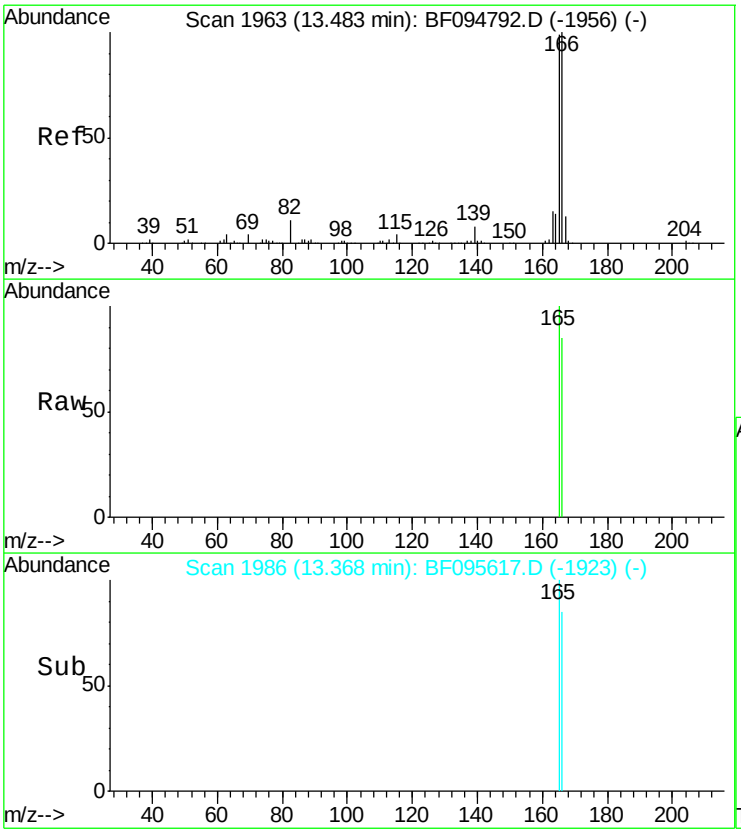
#54
Dibenzofuran
Concen: 0.073 ng
RT: 12.84 min Scan# 1897
Delta R.T. 0.10 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:168 Resp: 1051

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.6	45.8#
169	0.0	10.8	16.2#

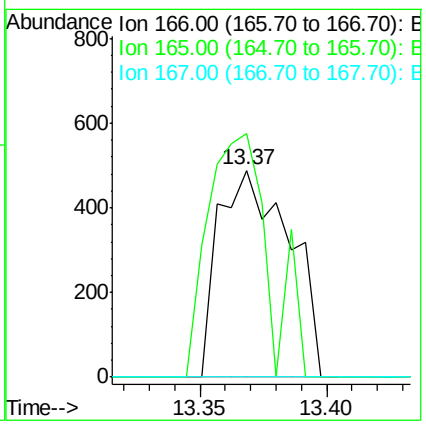


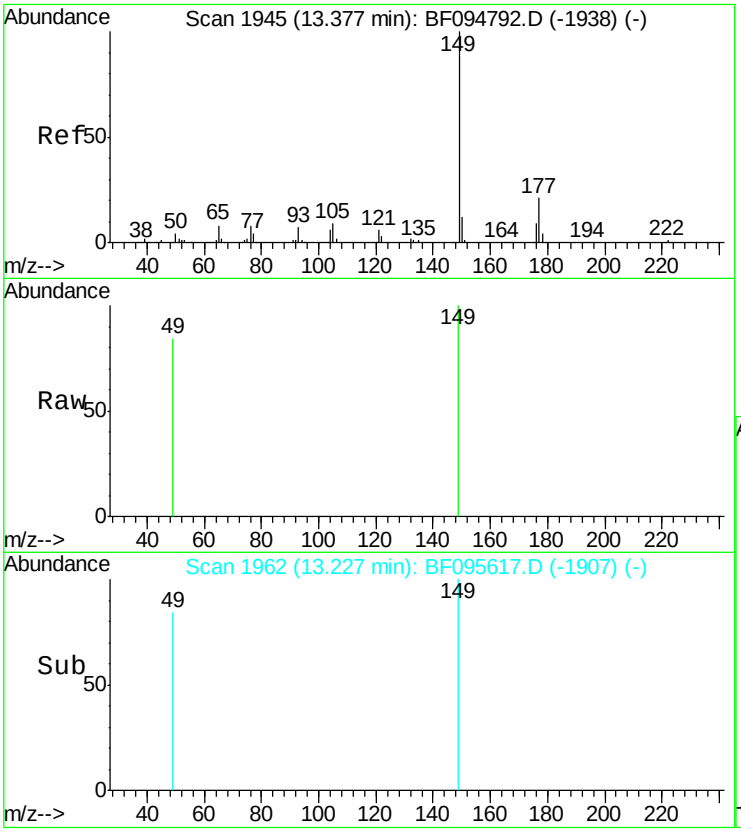


#57
Fluorene
Concen: 0.077 ng
RT: 13.37 min Scan# 1986
Delta R.T. 0.07 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:166 Resp: 954

Ion	Ratio	Lower	Upper
166	100		
165	117.6	78.8	118.2
167	0.0	10.6	16.0#



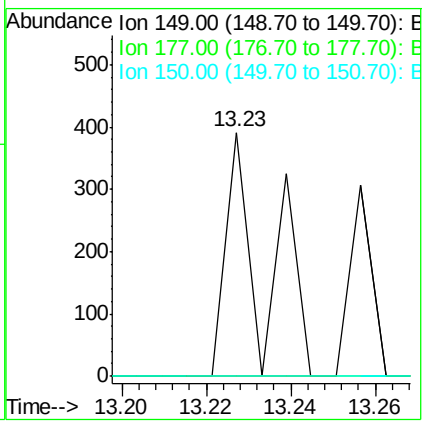


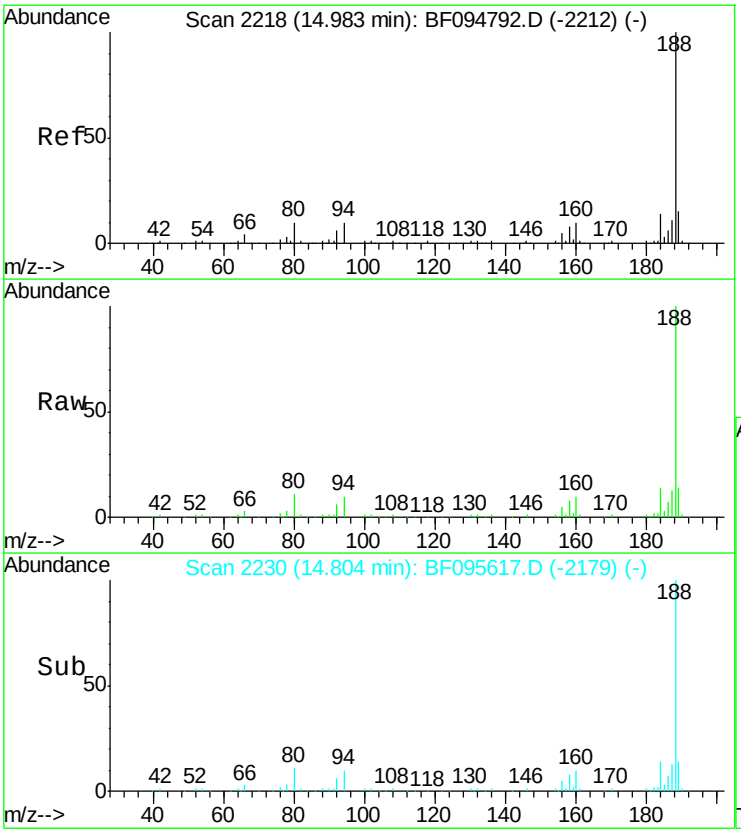
#59
Diethylphthalate
Concen: 0.020 ng
RT: 13.23 min Scan# 1962
Delta R.T. 0.02 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:149 Resp: 253

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#

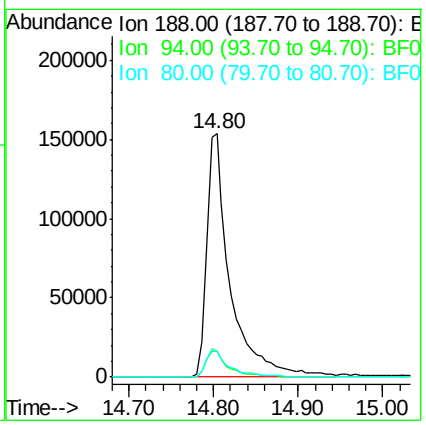


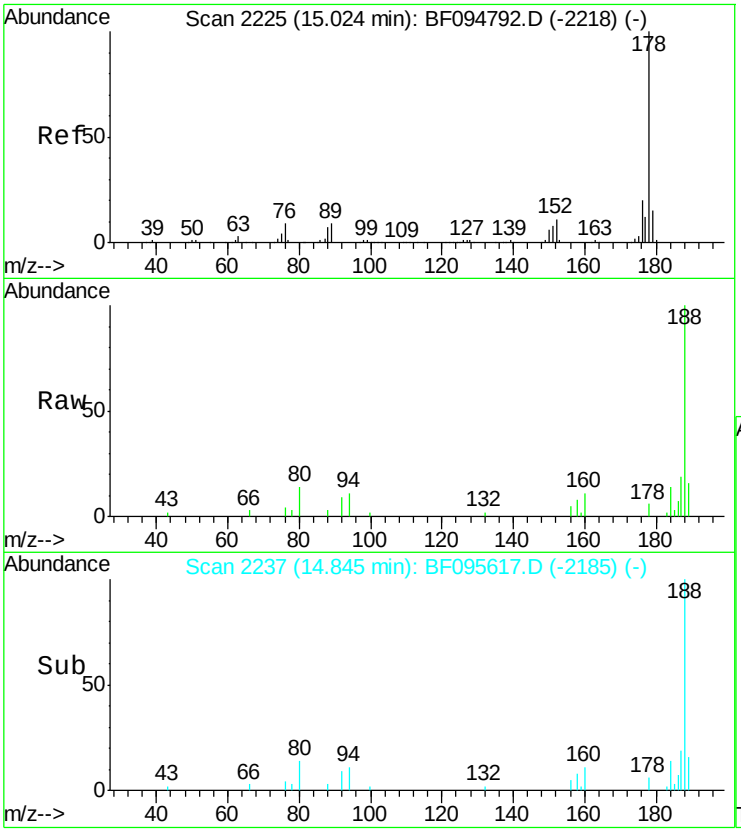


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:188 Resp: 298973

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2



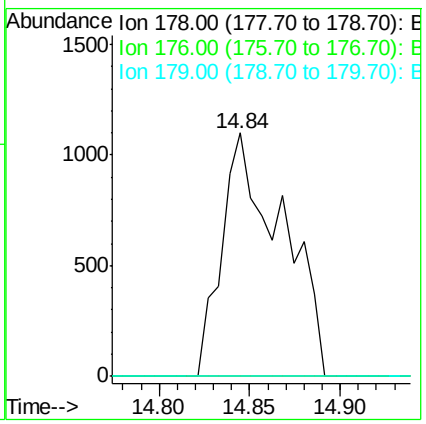


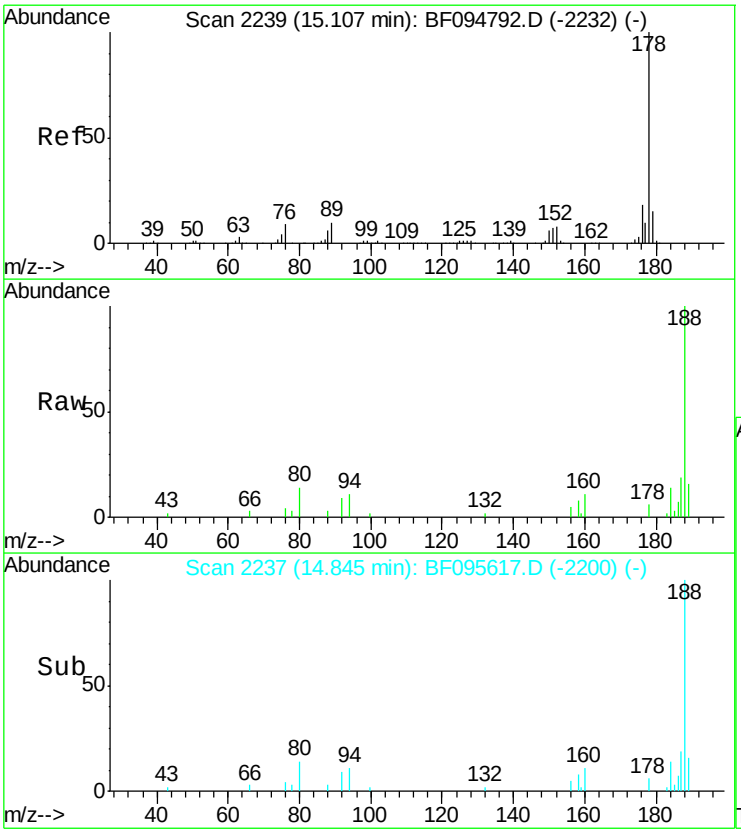
#70
Phenanthrene
Concen: 0.149 ng
RT: 14.84 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:178 Resp: 2553

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	12.6	19.0#

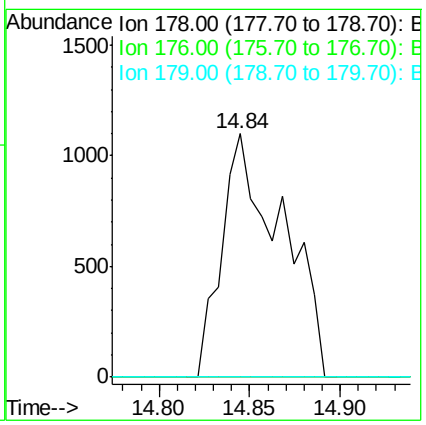


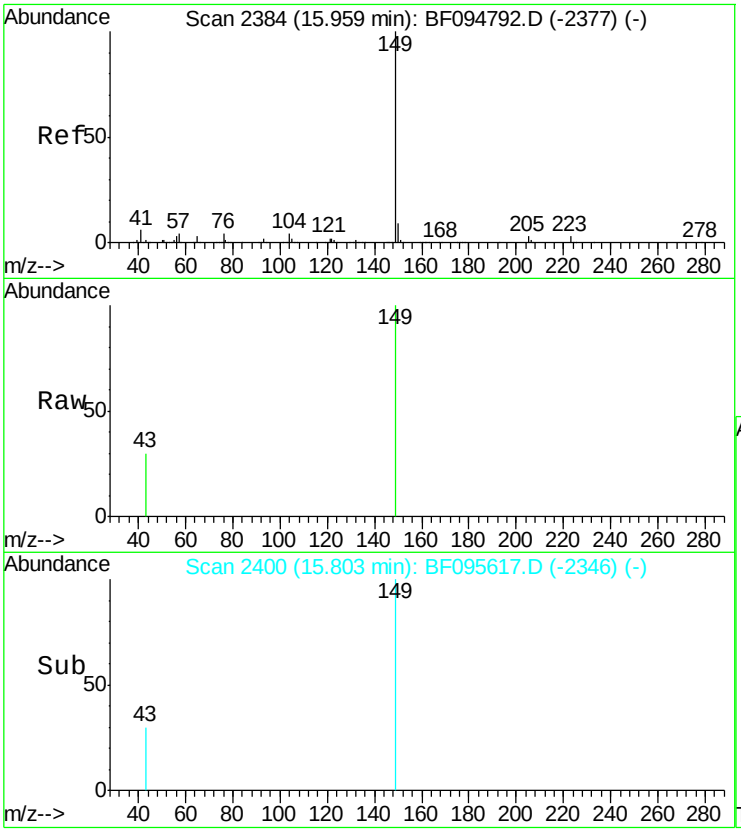


#71
Anthracene
Concen: 0.145 ng
RT: 14.84 min Scan# 2237
Delta R.T. -0.08 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:178 Resp: 2553

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	12.7	19.1#



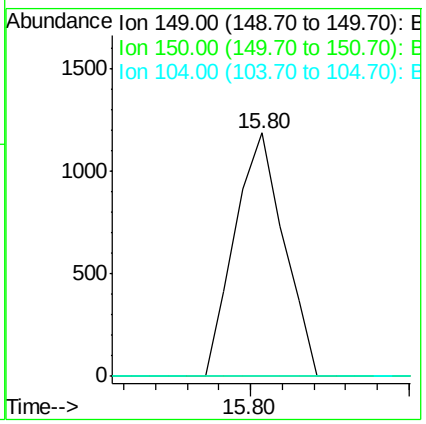


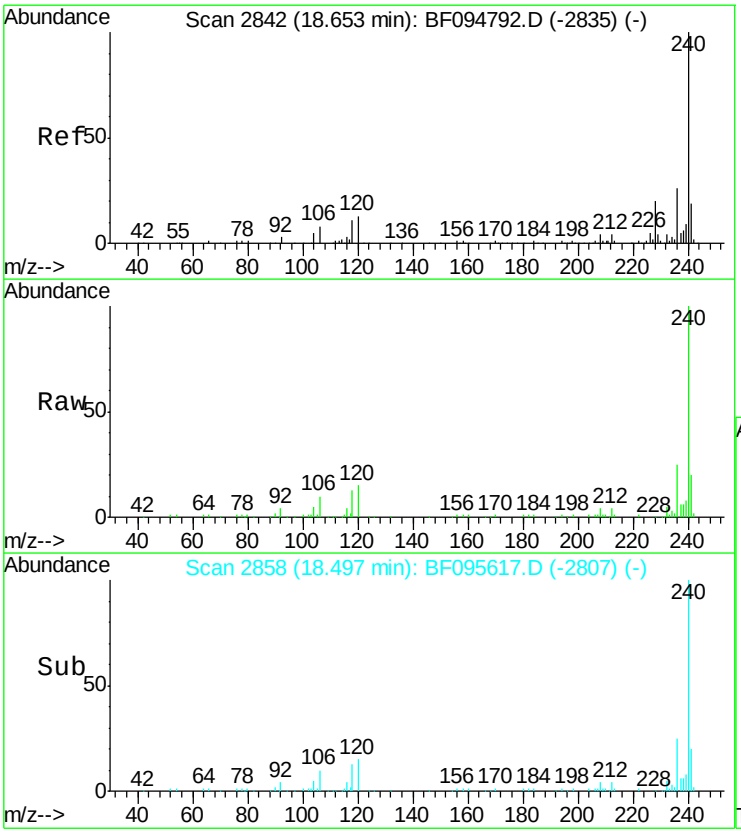
#73
Di-n-butylphthalate
Concen: 0.064 ng
RT: 15.80 min Scan# 2400
Delta R.T. 0.02 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:149 Resp: 1280

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.0	6.0#

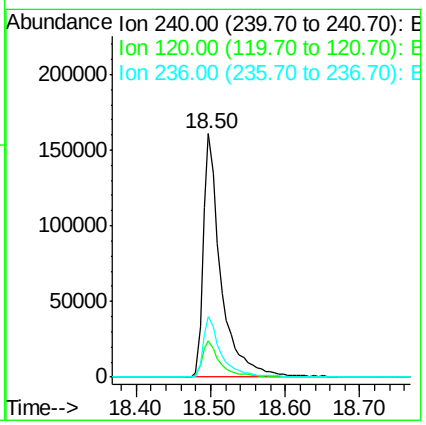


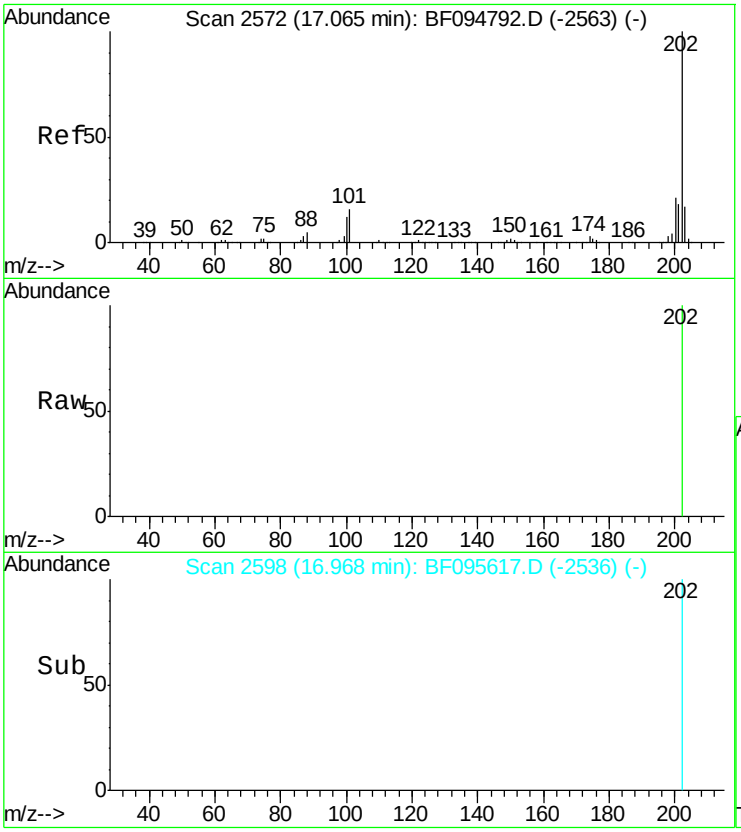


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:240 Resp: 265479

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.6	20.5	30.7



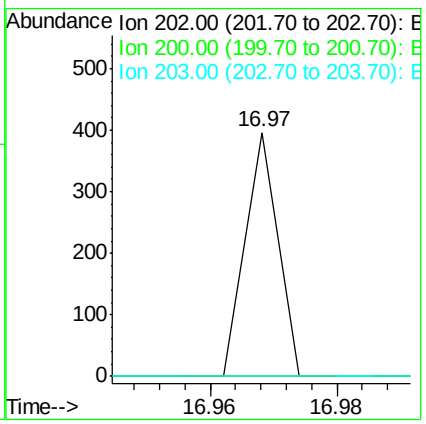


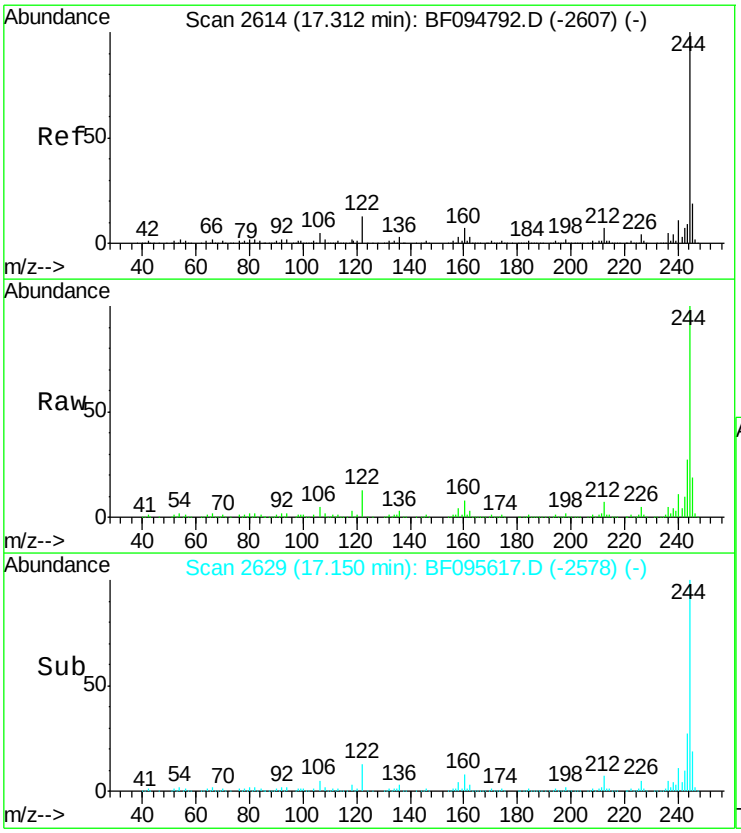
#77
Pyrene
Concen: 0.007 ng
RT: 16.97 min Scan# 2598
Delta R.T. 0.06 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:202 Resp: 140

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.6	26.4#
203	0.0	14.4	21.6#

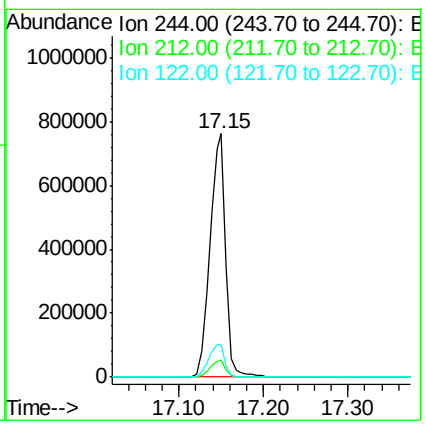


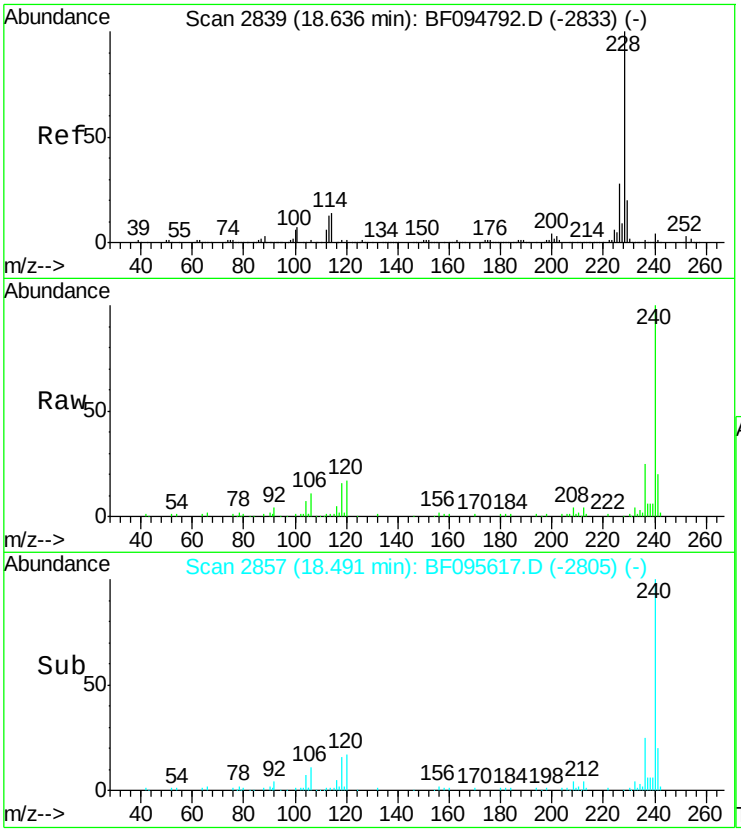


#78
Terphenyl-d14
Concen: 83.266 ng
RT: 17.15 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:244 Resp: 1003622

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.3	10.3	15.5



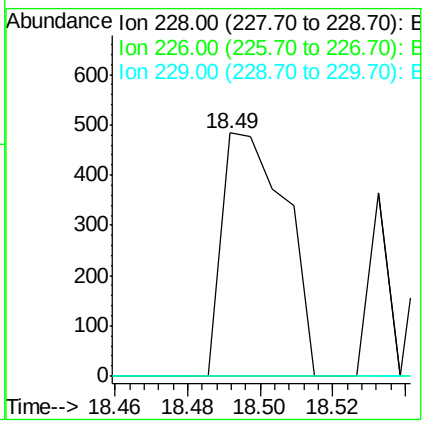


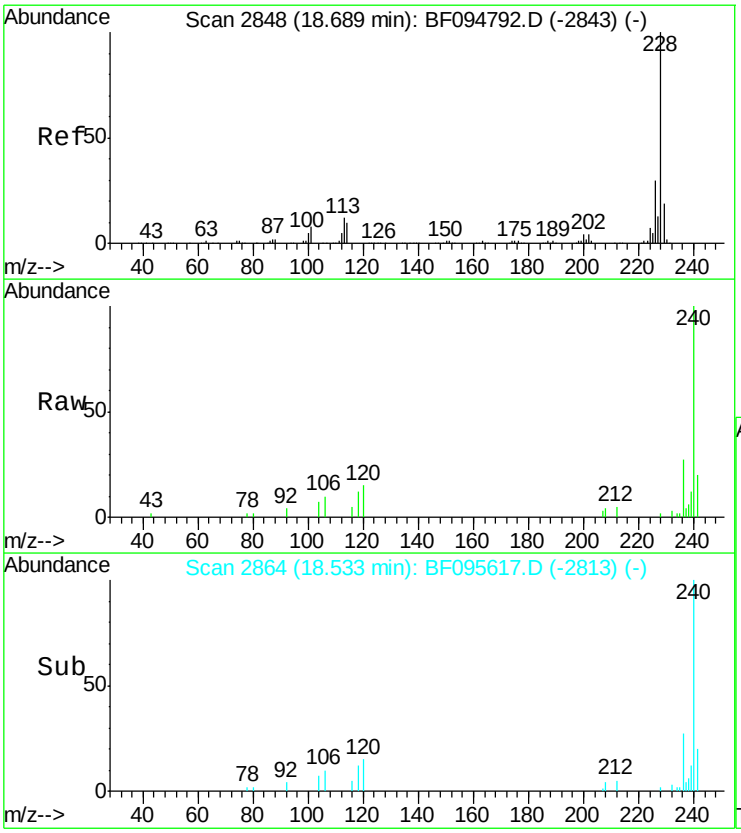
#80
Benzo(a)anthracene
Concen: 0.038 ng
RT: 18.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:228 Resp: 590

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#

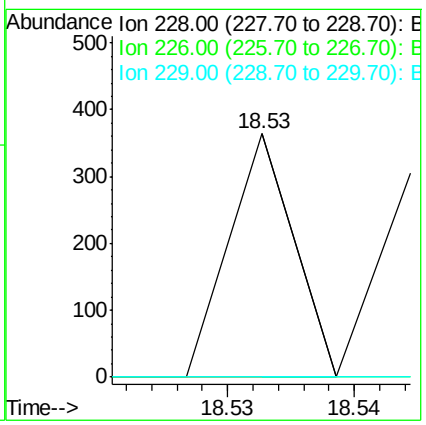


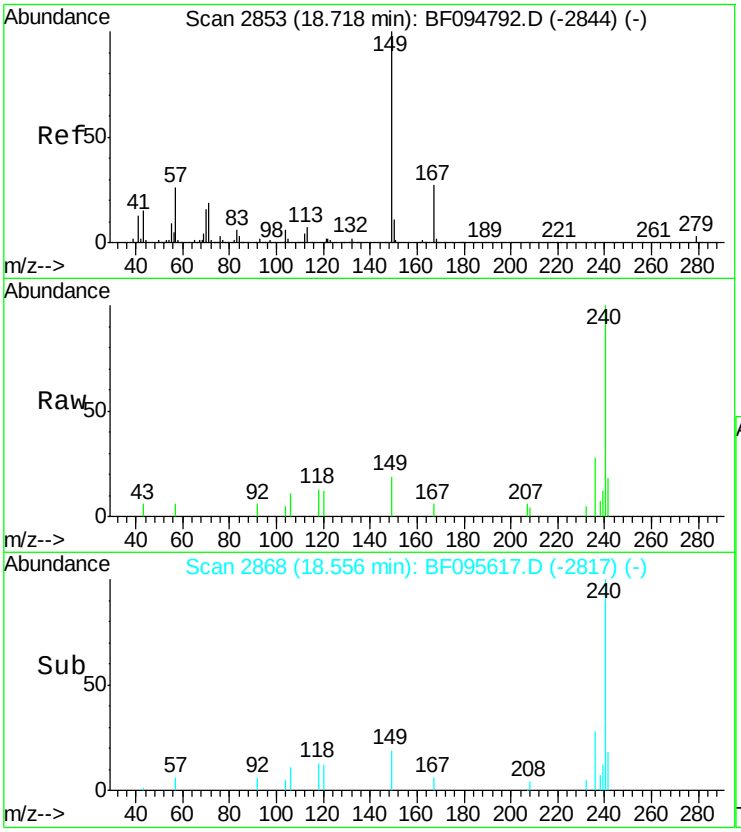


#82
Chrysene
Concen: 0.009 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:228 Resp: 128

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#



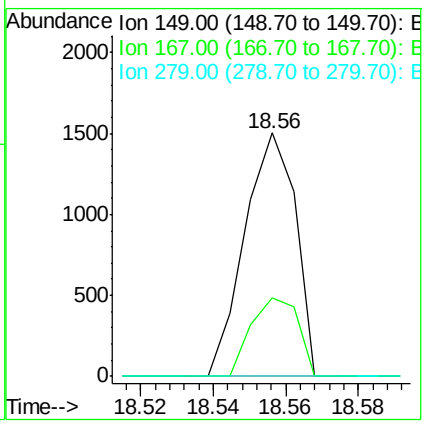


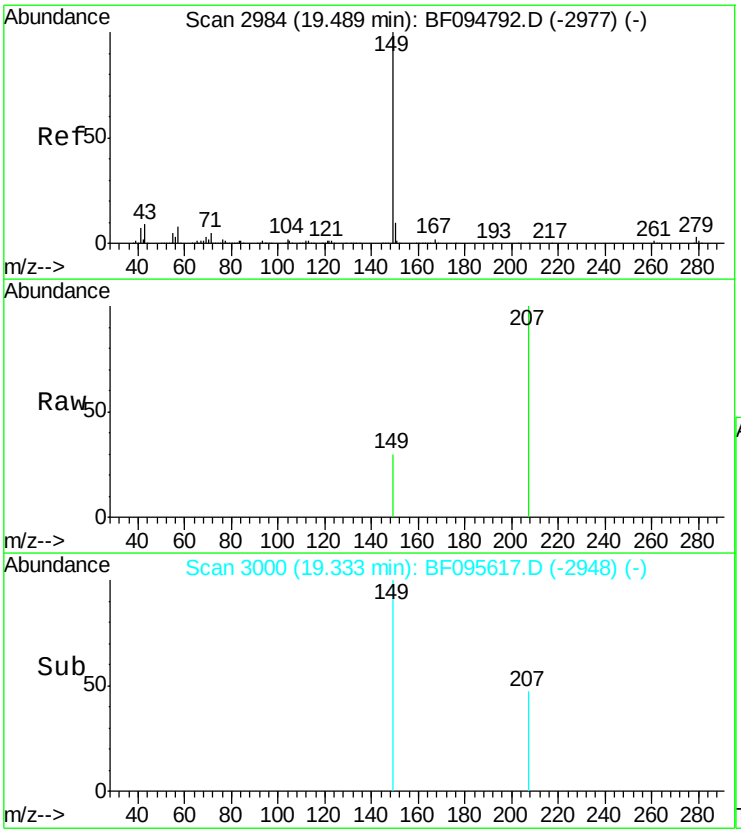
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 18.56 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:149 Resp: 1459

Ion	Ratio	Lower	Upper
149	100		
167	32.1	21.0	31.4#
279	0.0	1.9	2.9#

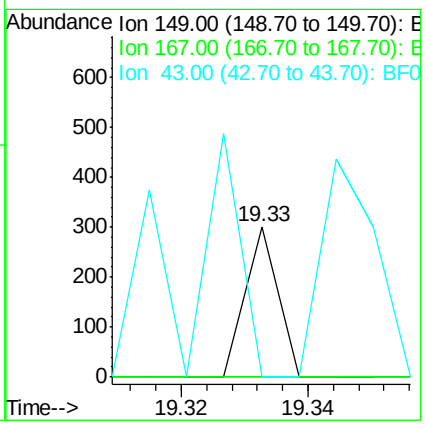


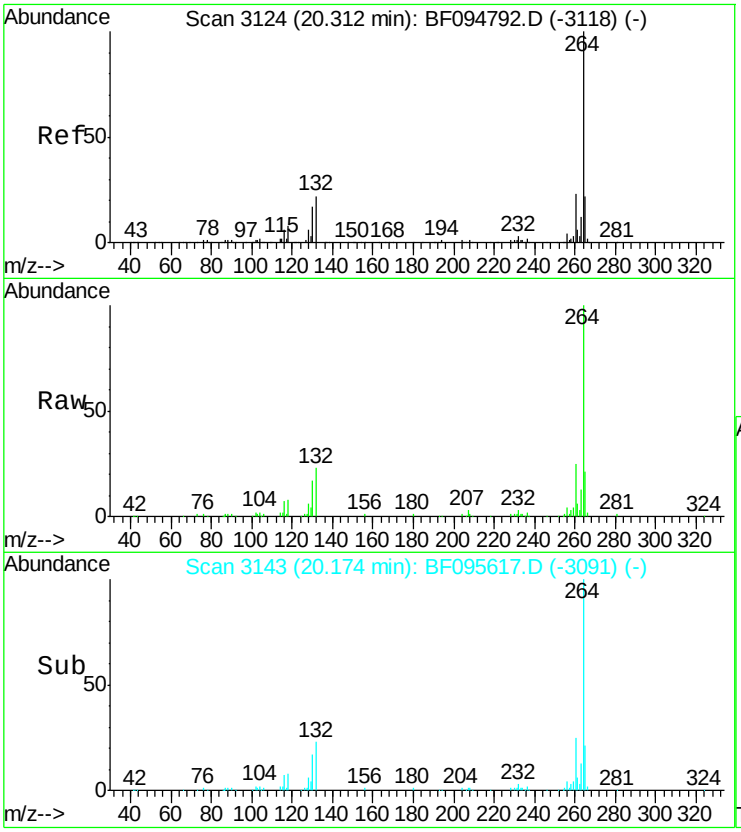


#84
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 19.33 min Scan# 3000
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:149 Resp: 107

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	243.0	8.5	12.7#



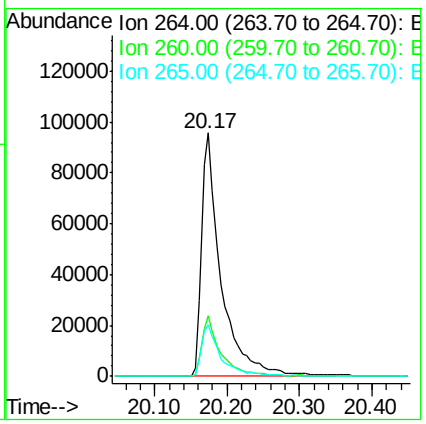


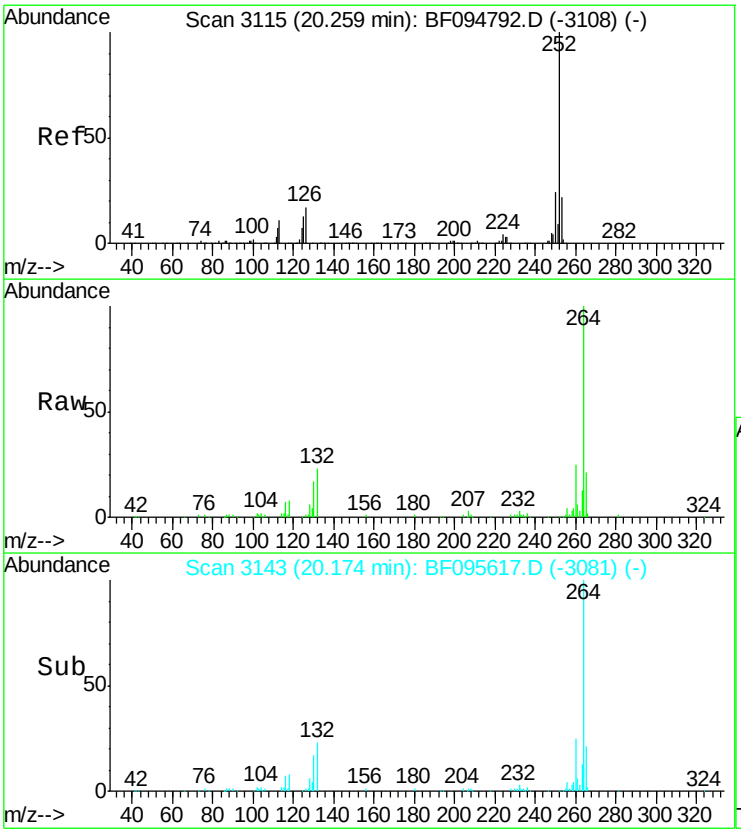
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tgt Ion:264 Resp: 178778

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.022 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.06 min
Lab File: BF095617.D
Acq: 2 Jun 2017 4:26

Tgt Ion:252 Resp: 226

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	11.0	16.4#