Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094804.D
Acq On : 2 May 2017 20:56
Operator : SJ/MA
Sample : PB98612TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98612TB

Quant Time: May 03 02:33:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	91845	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	360981	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	174116	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	320942	20.00	ng	0.00
75) Chrysene-d12	18.64	240	280518	20.00	ng	-0.01
86) Perylene-d12	20.31	264	173983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	745303	135.29	ng	0.00
7) Phenol-d6	7.28	99	882820	133.56	ng	0.00
23) Nitrobenzene-d5	8.62	82	524215	91.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	182951	128.30	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	966954	79.93	ng	0.00
78) Terphenyl-d14	17.31	244	940677	73.86	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.40	93	828	0.099	ng	# 1
8) 2-Chlorophenol	7.42	128	323	0.052	ng	# 2
9) Benzaldehyde	7.28	77	912	0.226	ng	# 1
10) Phenol	7.40	94	1341	0.193	ng	# 1
11) bis(2-Chloroethyl)ether	7.40	93	828	0.144	ng	# 1
13) 1,4-Dichlorobenzene	7.97	146	108	0.015	ng	# 1
14) 1,2-Dichlorobenzene	7.97	146	108	0.016	ng	# 1
15) Benzyl Alcohol	7.97	79	8328	1.959	ng	# 34
24) Nitrobenzene	8.62	77	1130	0.188	ng	# 31
25) Isophorone	9.18	82	143	0.014	ng	# 67
45) 1,1'-Biphenyl	11.52	154	1811	0.124	ng	# 1
51) Acenaphthene	11.52	154	1811	0.124	ng	# 1
59) Diethylphthalate	13.37	149	232	0.017	ng	# 60
62) Azobenzene	13.87	77	823	0.075	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.87	198	122	0.057	ng	# 1
65) n-Nitrosodiphenylamine	13.87	169	6374	0.547	ng	# 42
73) Di-n-butylphthalate	15.95	149	4634	0.217	ng	# 95
77) Pyrene	17.31	202	3119	0.149	ng	# 74
80) Benzo(a)anthracene	18.64	228	541	0.033	ng	# 50
82) Chrysene	18.64	228	541	0.034	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.71	149	845	0.061	ng	# 52
89) Benzo(a)pyrene	20.31	252	298	0.030	ng	# 59

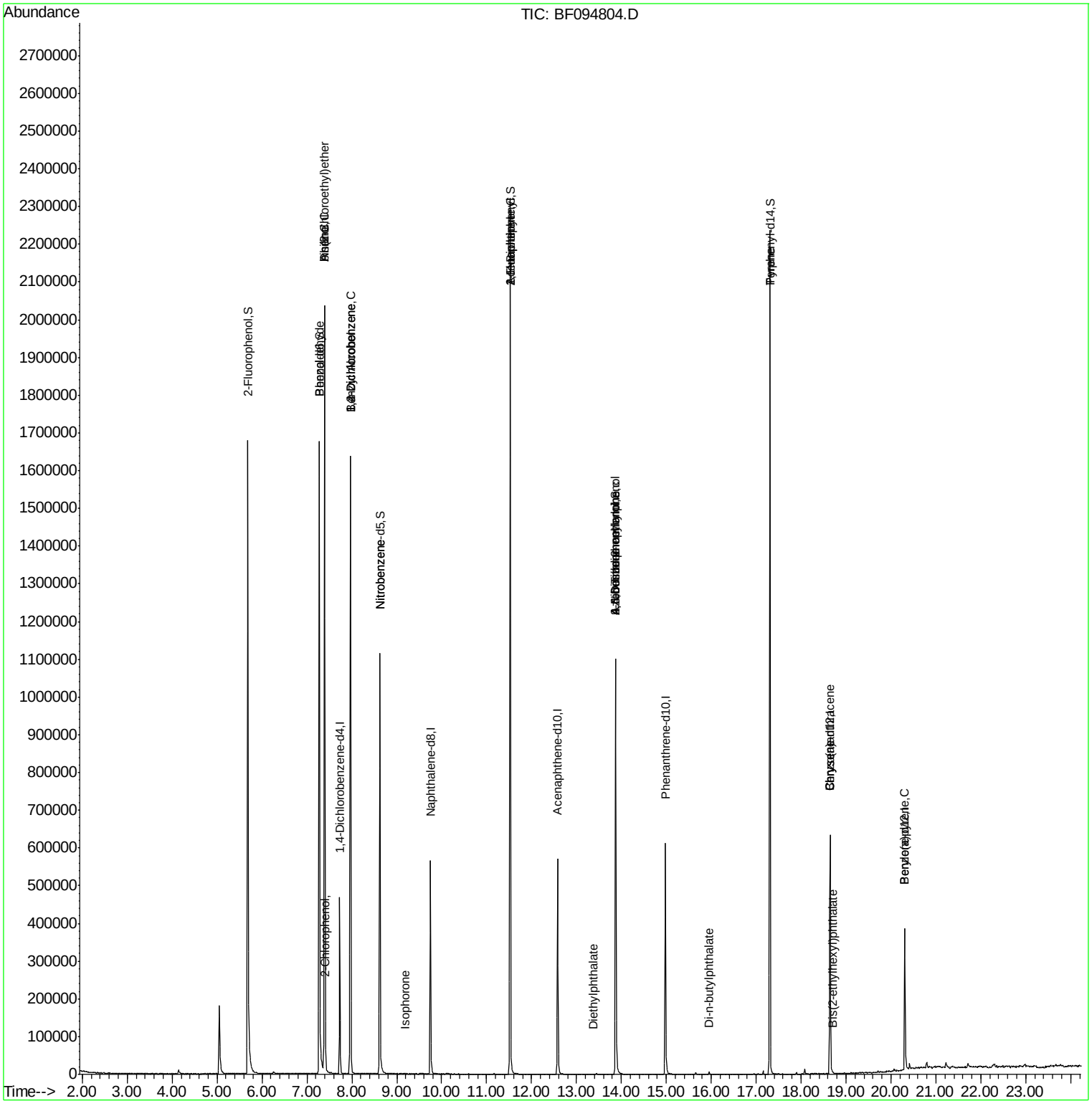
(#) = qualifier out of range (m) = manual integration (+) = signals summed

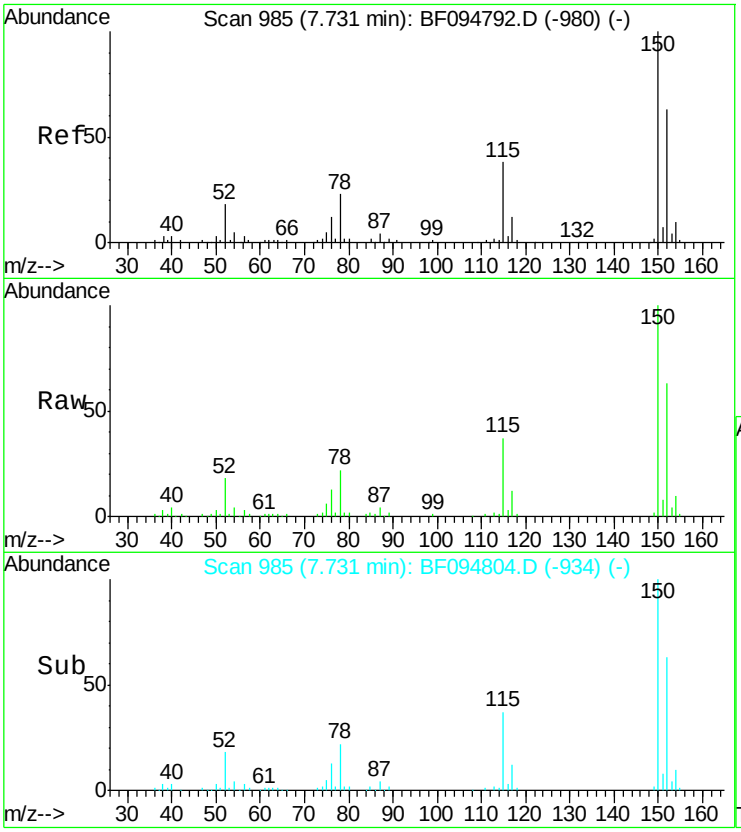
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094804.D
Acq On : 2 May 2017 20:56
Operator : SJ/MA
Sample : PB98612TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Quant Time: May 03 02:33:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration



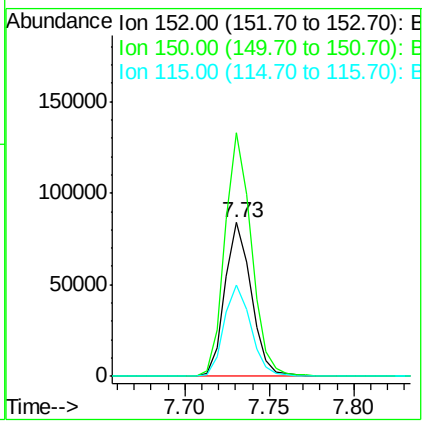


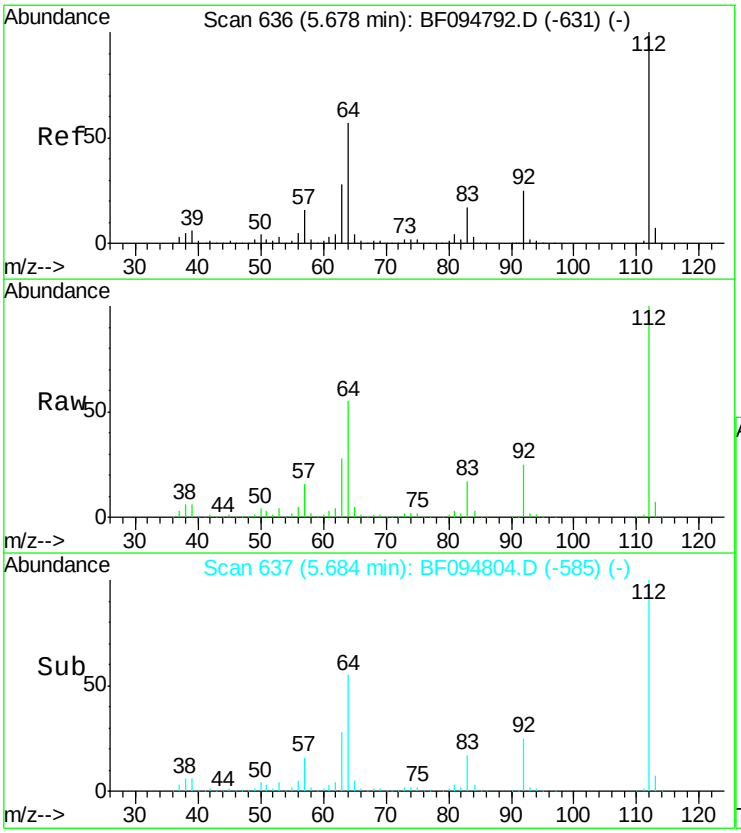
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:152 Resp: 91845

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	59.2	52.2	78.2

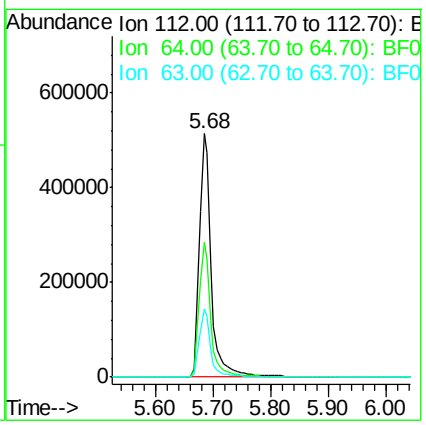


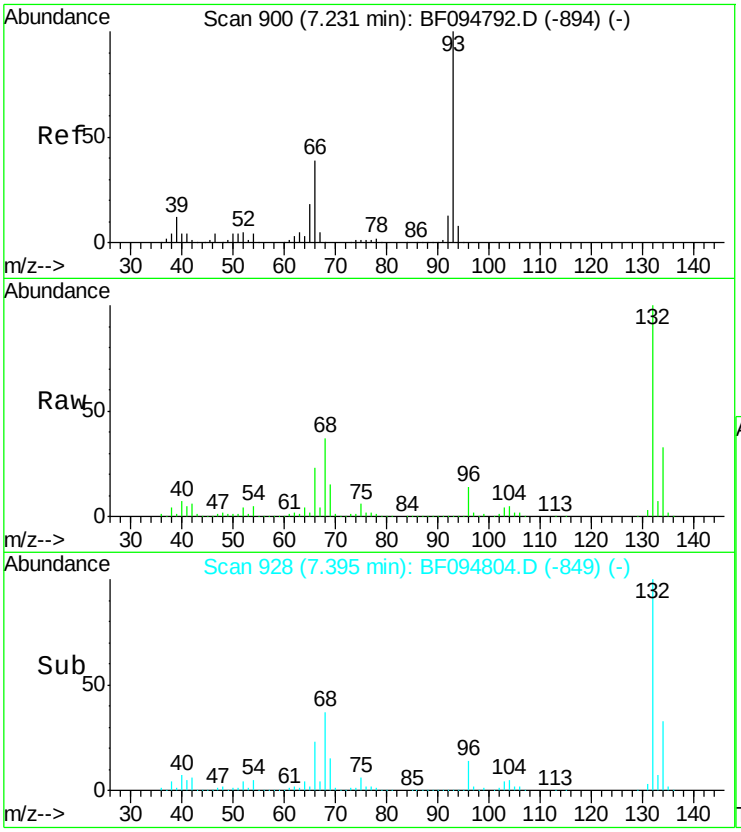


#5
2-Fluorophenol
Concen: 135.291 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:112 Resp: 745303

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.8	23.4	35.0



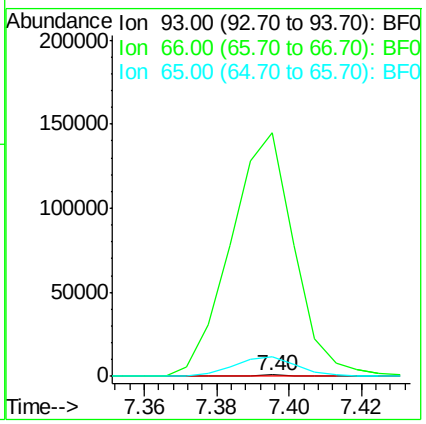


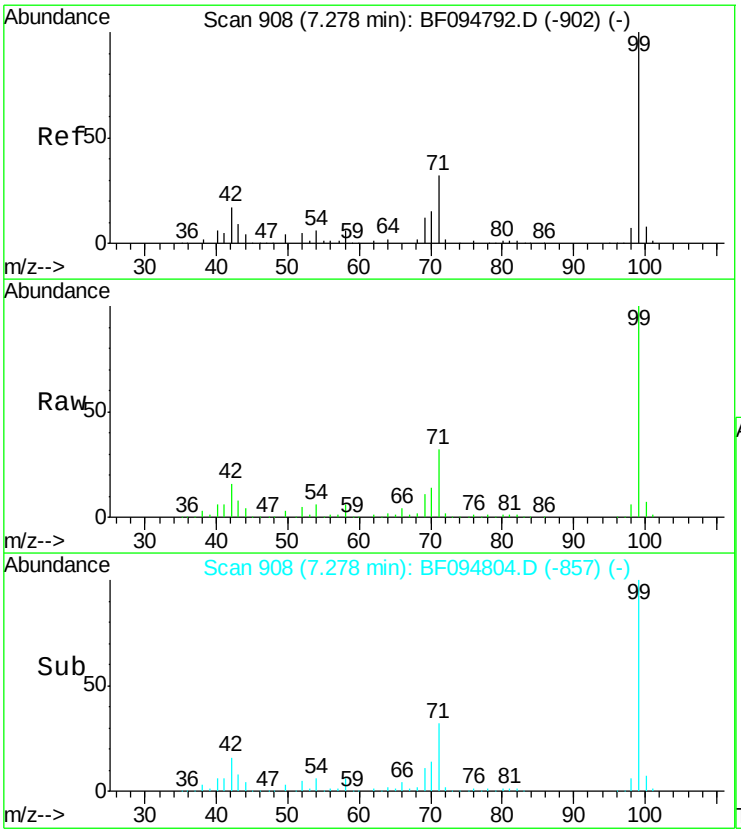
#6
Aniline
Concen: 0.099 ng
RT: 7.40 min Scan# 928
Delta R.T. 0.16 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion: 93 Resp: 828

Ion	Ratio	Lower	Upper
93	100		
66	15309.9	32.9	49.3#
65	1227.0	16.0	24.0#

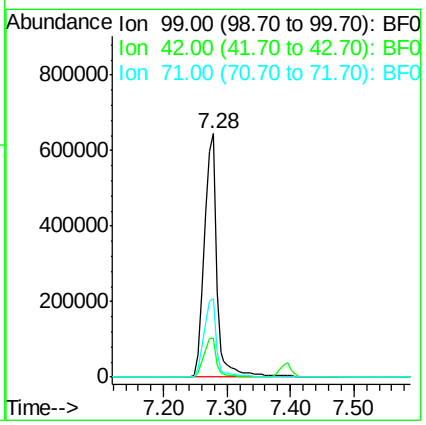


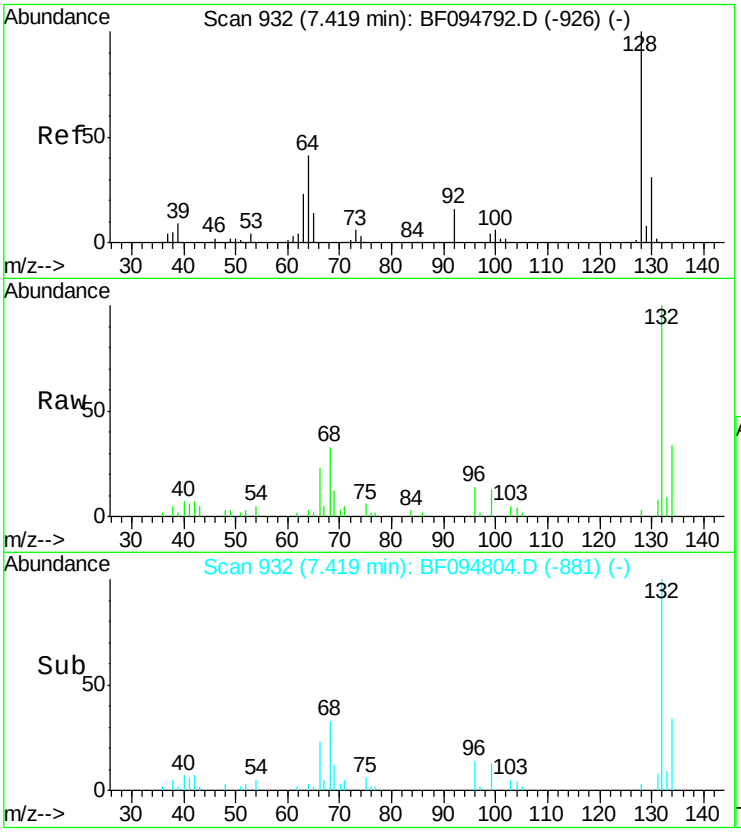


#7
Phenol-d6
Concen: 133.562 ng
RT: 7.28 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion: 99 Resp: 882820

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.0	24.5	36.7



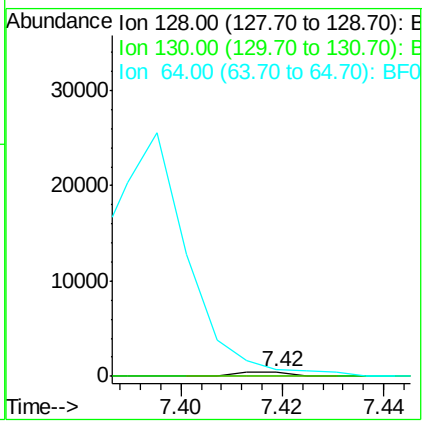


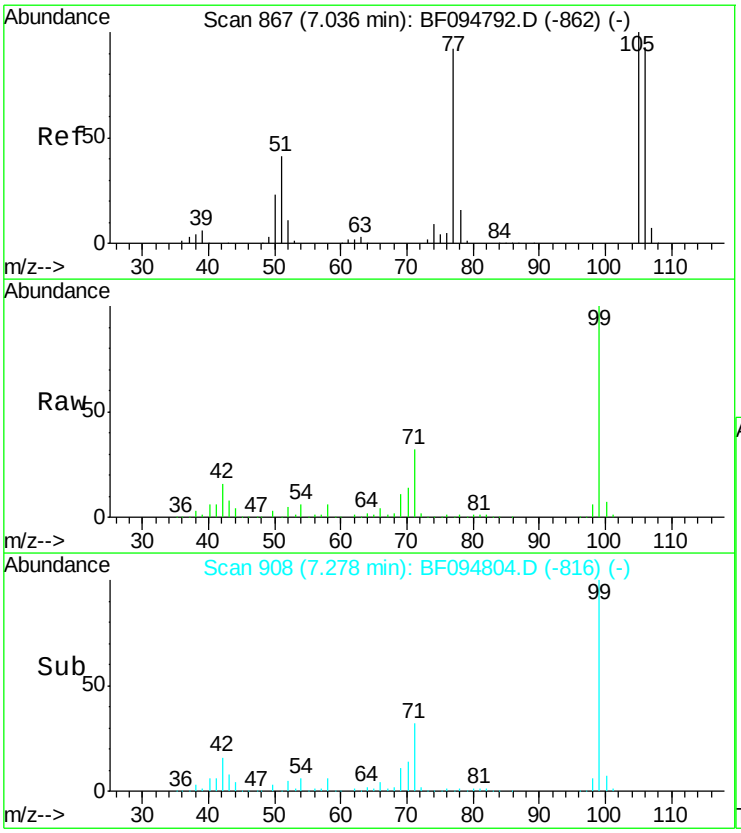
#8
2-Chlorophenol
Concen: 0.052 ng
RT: 7.42 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:128 Resp: 323

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	133.1	28.4	68.4#

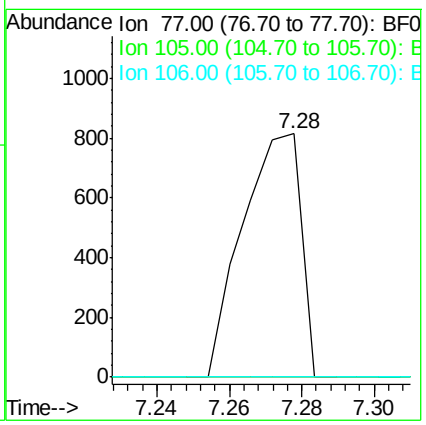


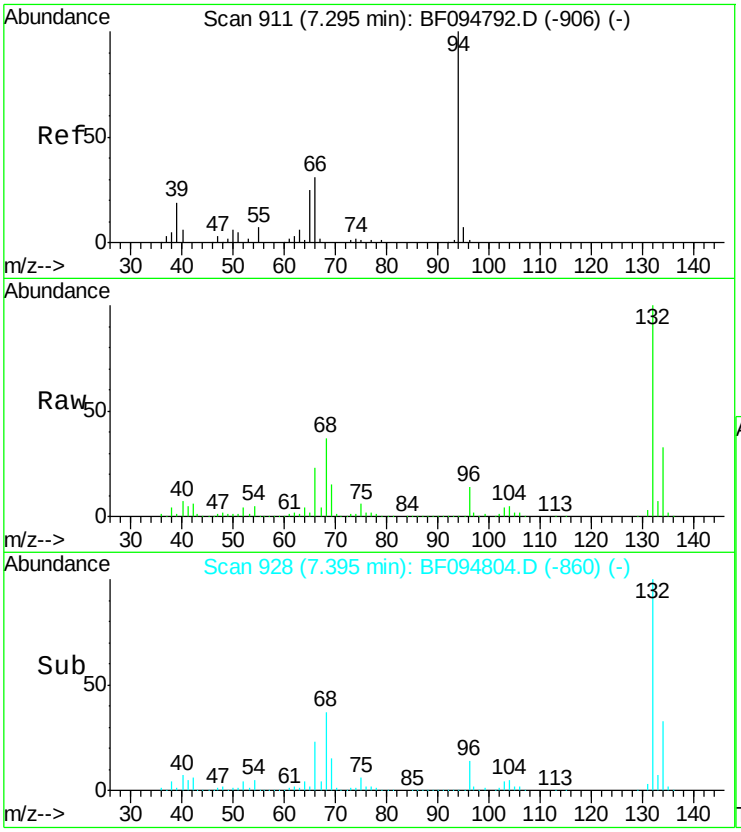


#9
Benzaldehyde
Concen: 0.226 ng
RT: 7.28 min Scan# 908
Delta R.T. 0.24 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion: 77 Resp: 912

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.8	123.8#
106	0.0	79.1	119.1#



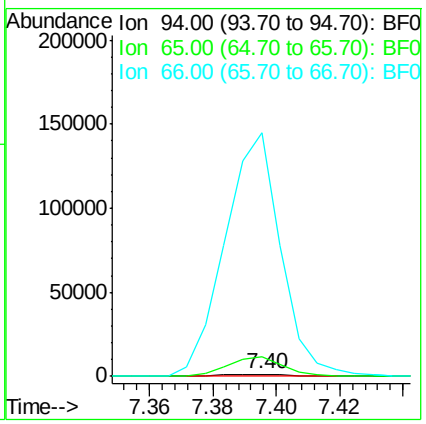


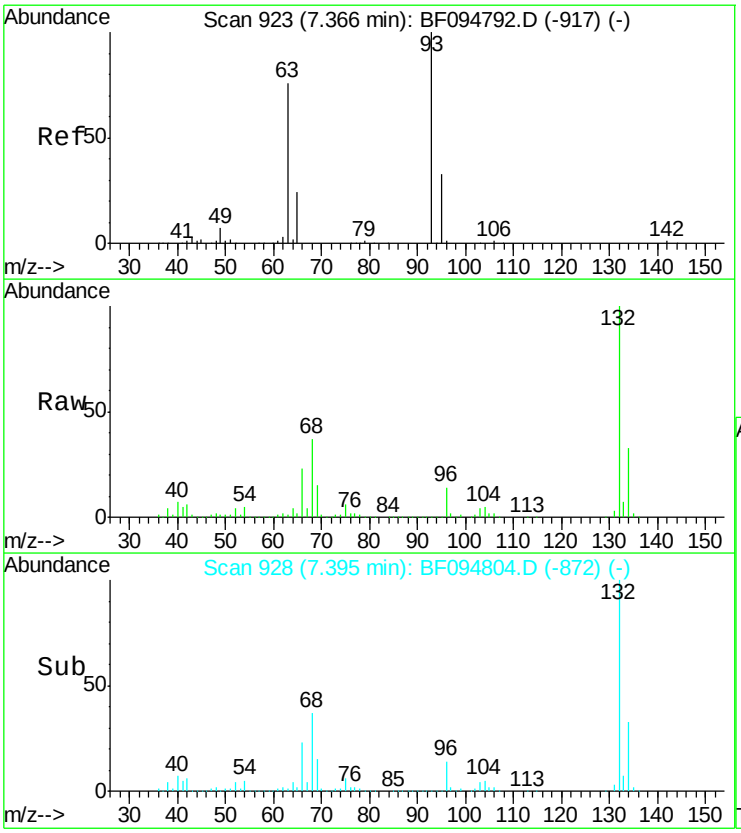
#10
Phenol
Concen: 0.193 ng
RT: 7.40 min Scan# 928
Delta R.T. 0.10 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion: 94 Resp: 1341

Ion	Ratio	Lower	Upper
94	100		
65	1004.9	9.9	49.9#
66	12539.6	23.1	63.1#

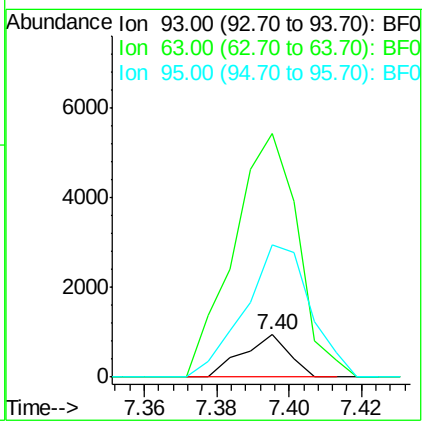


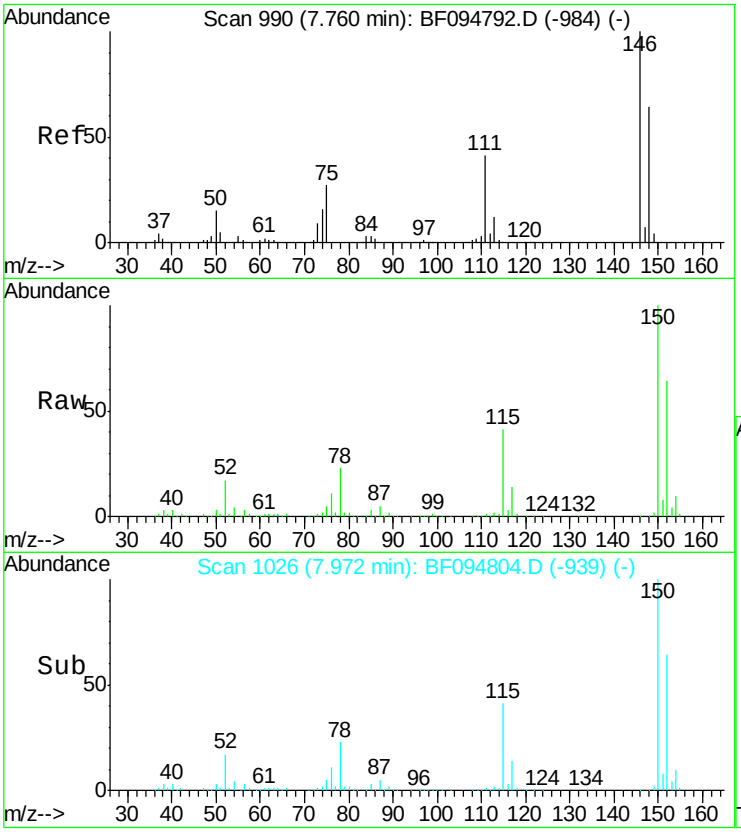


#11
bis(2-Chloroethyl)ether
Concen: 0.144 ng
RT: 7.40 min Scan# 928
Delta R.T. 0.03 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion: 93 Resp: 828

Ion	Ratio	Lower	Upper
93	100		
63	574.5	59.2	99.2#
95	312.5	12.8	52.8#



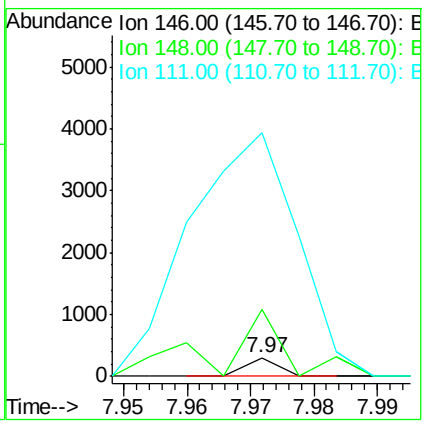


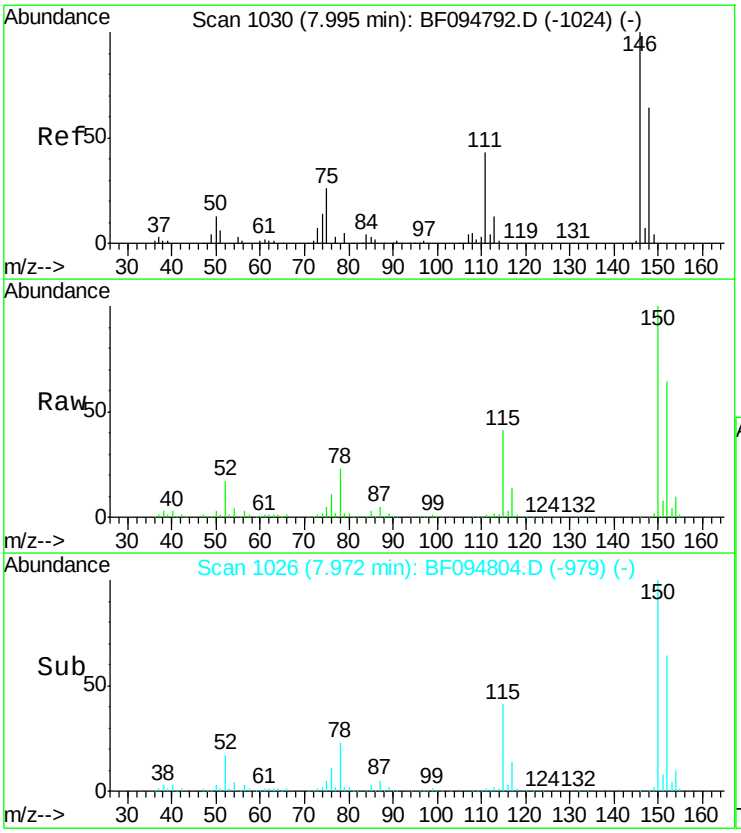
#13
1,4-Dichlorobenzene
Concen: 0.015 ng
RT: 7.97 min Scan# 1026
Delta R.T. 0.21 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
148	352.1	52.2	78.2#
111	1290.8	30.3	45.5#

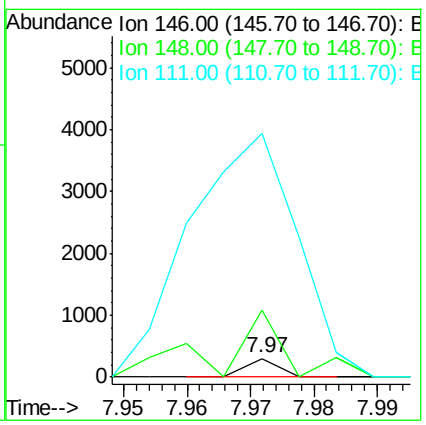


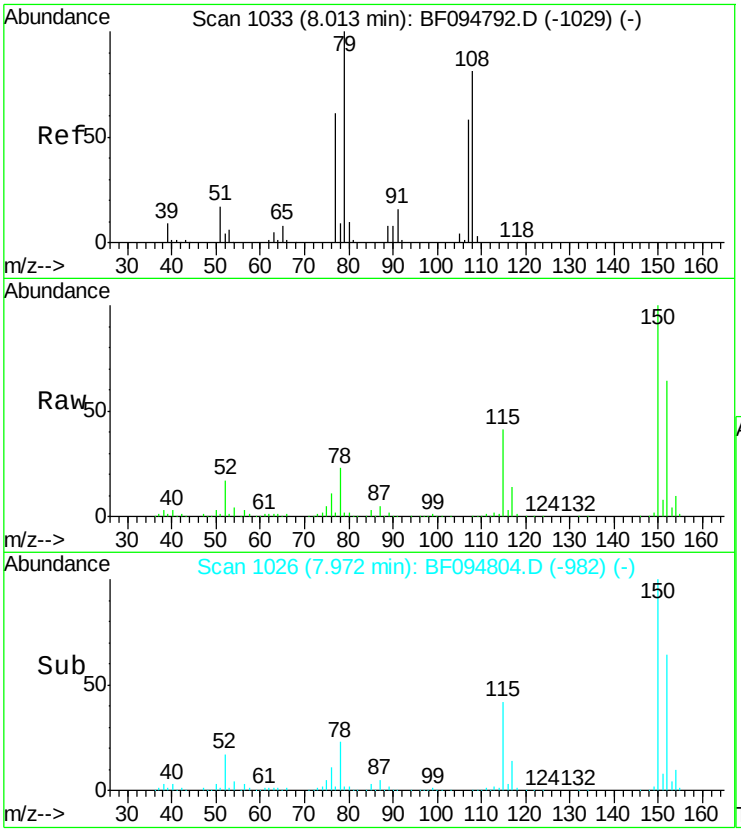


#14
1,2-Dichlorobenzene
Concen: 0.016 ng
RT: 7.97 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
148	352.1	50.4	75.6#
111	1290.8	38.2	57.4#



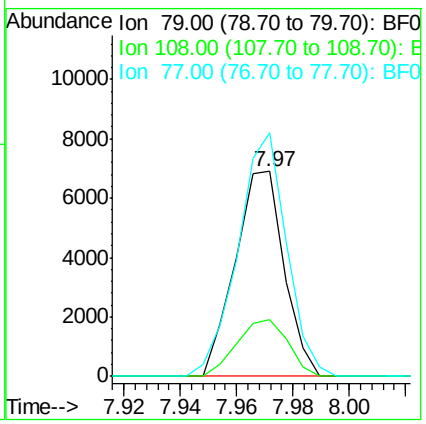


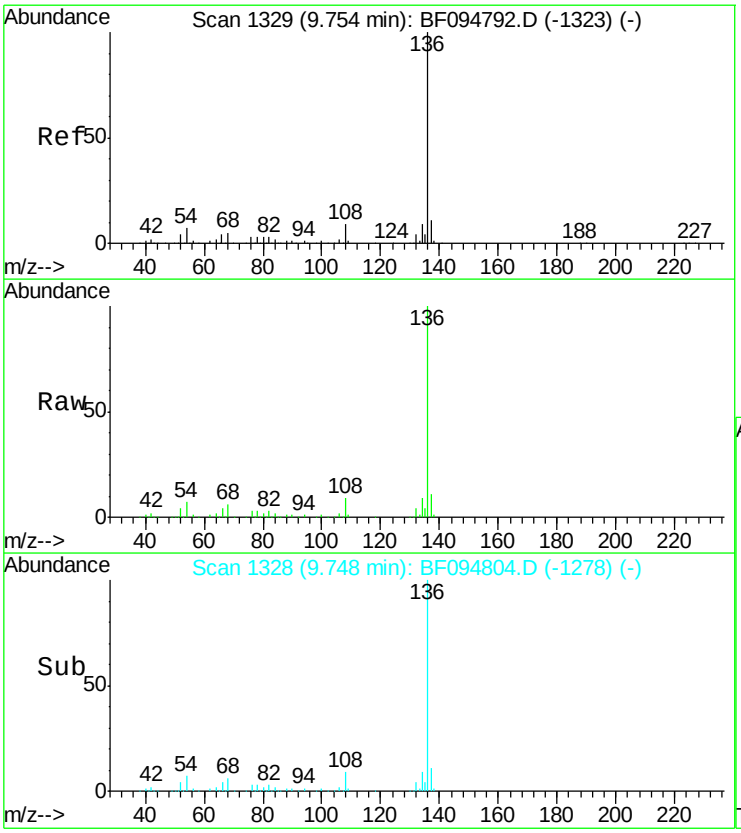
#15
Benzyl Alcohol
Concen: 1.959 ng
RT: 7.97 min Scan# 1026
Delta R.T. -0.04 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion: 79 Resp: 8328

Ion	Ratio	Lower	Upper
79	100		
108	27.7	63.4	95.0#
77	118.9	49.2	73.8#

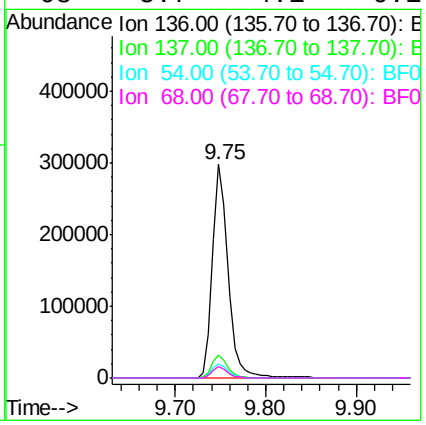


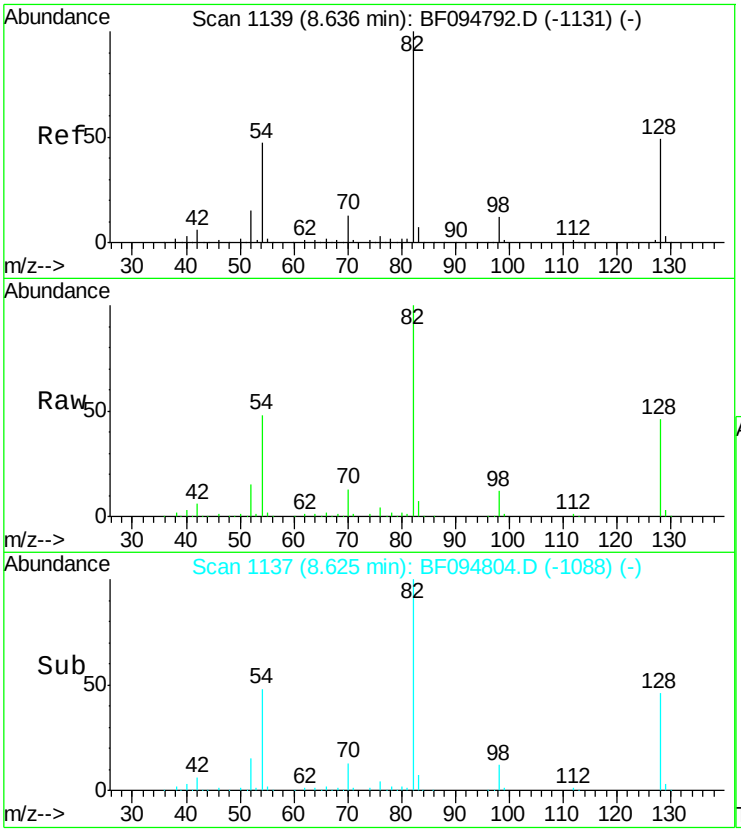


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:136 Resp: 360981

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.7	4.1	6.1



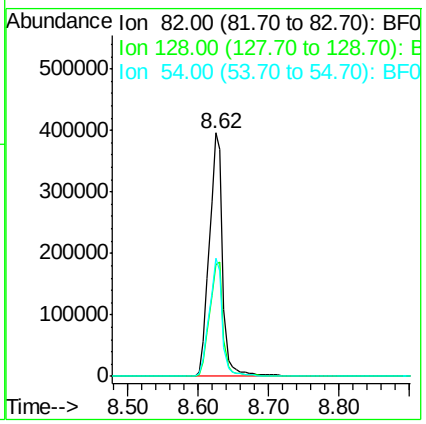


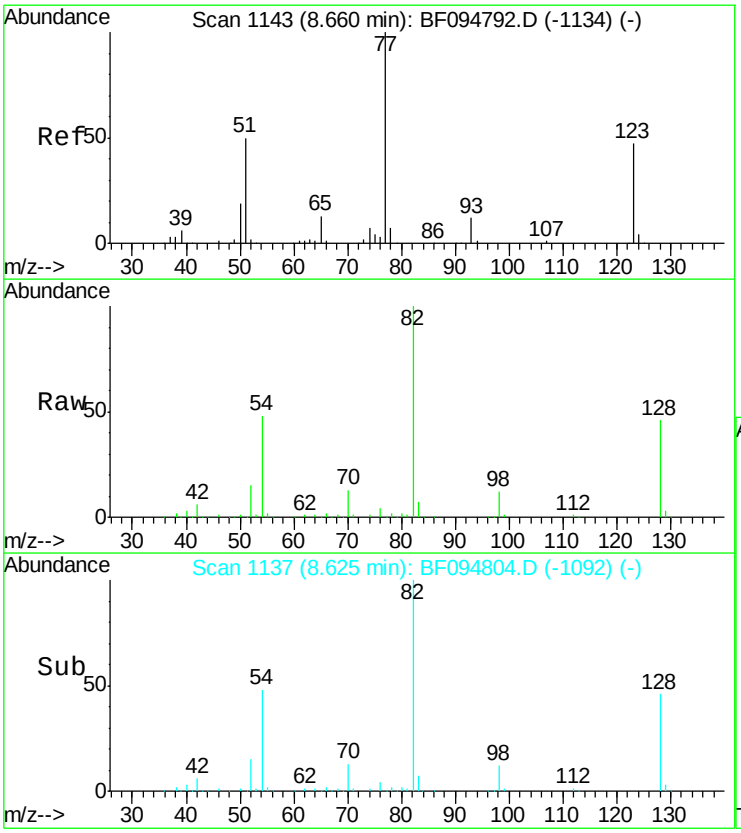
#23
Nitrobenzene-d5
Concen: 91.573 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion: 82 Resp: 524215

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	48.4	42.2	63.2

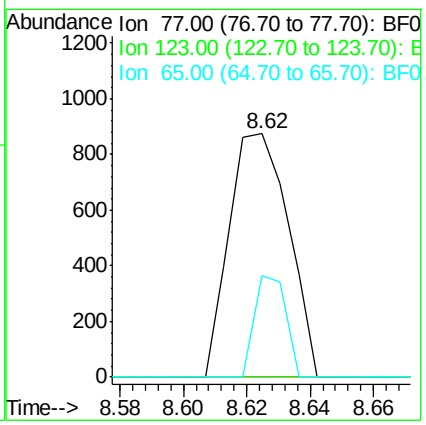


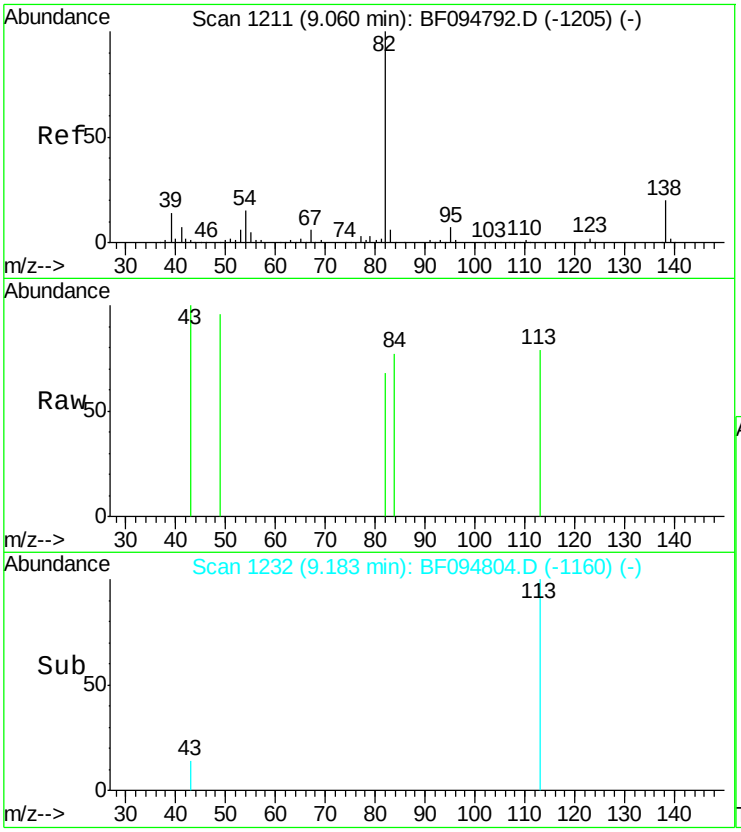


#24
Nitrobenzene
Concen: 0.188 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion: 77 Resp: 1130

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	41.7	10.6	15.8#



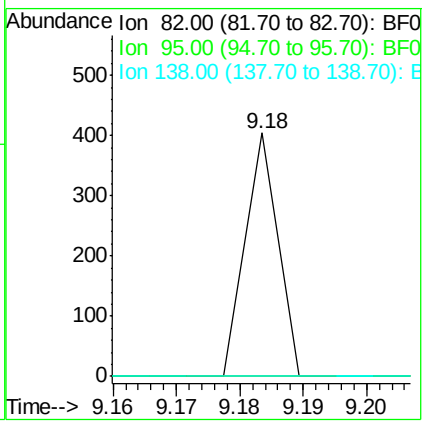


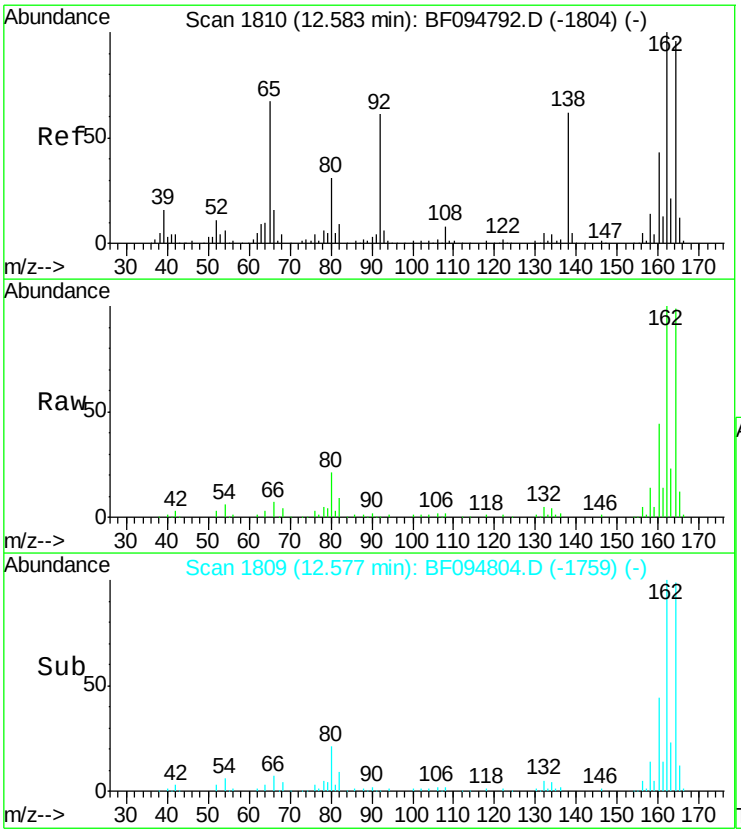
#25
Isophorone
Concen: 0.014 ng
RT: 9.18 min Scan# 1232
Delta R.T. 0.12 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion: 82 Resp: 143

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

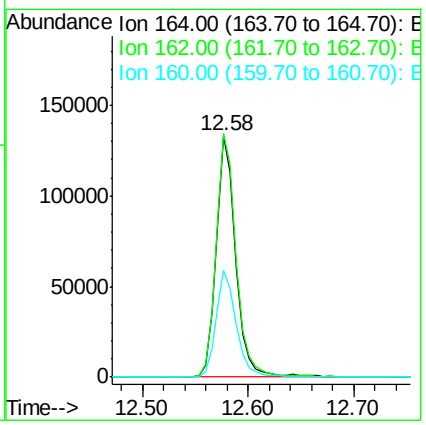


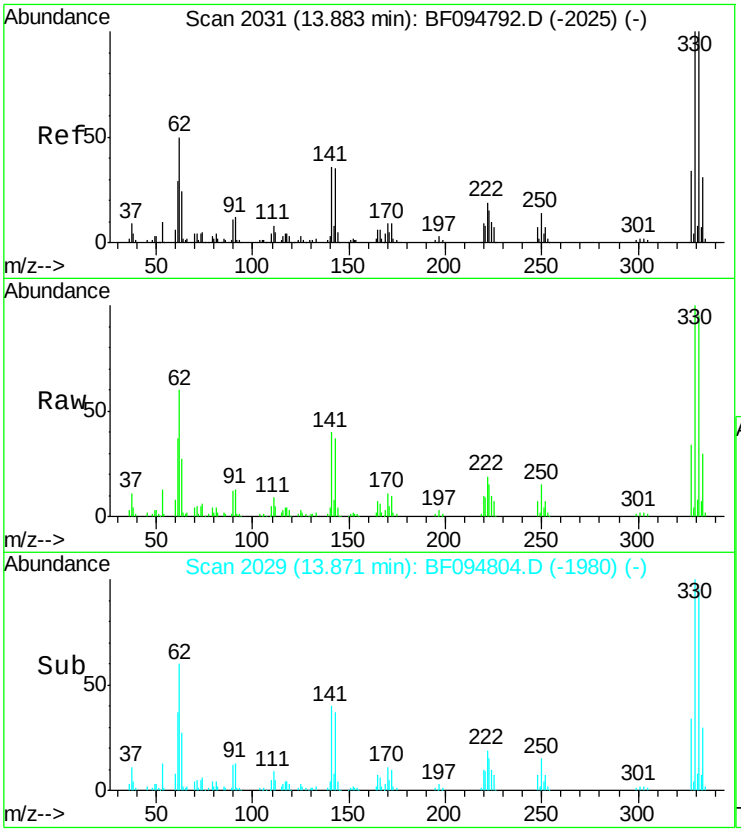


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:164 Resp: 174116

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	44.3	36.2	54.2



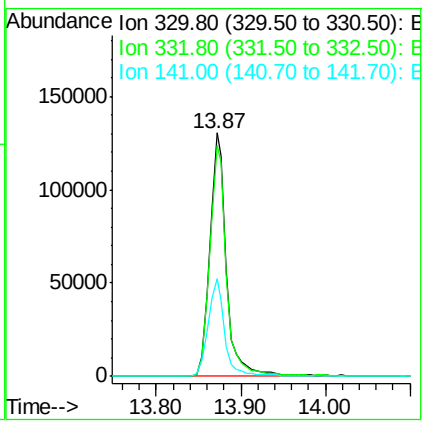


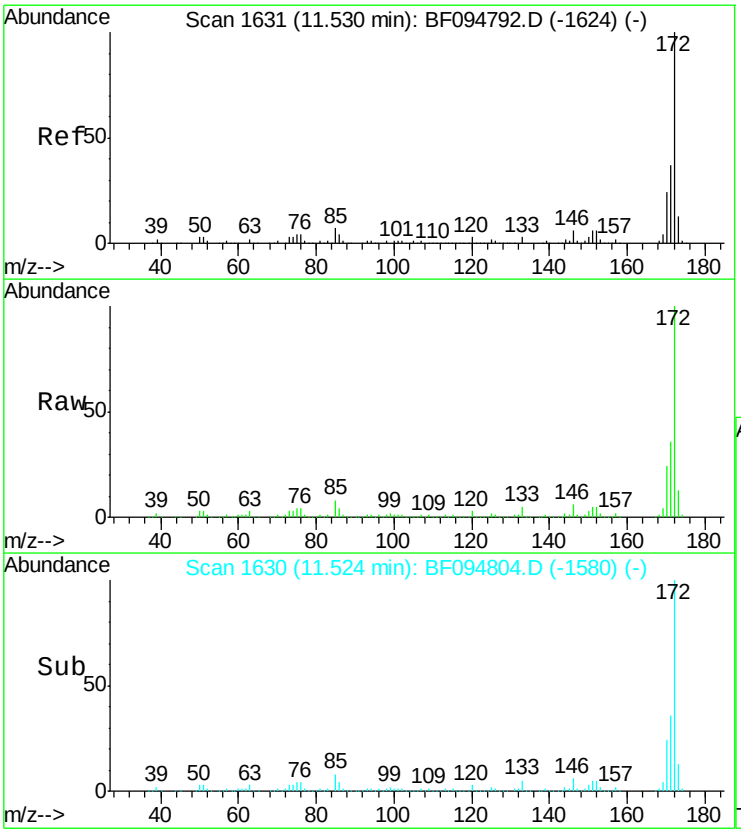
#41
2,4,6-Tribromophenol
Concen: 128.301 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:330 Resp: 182951

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.9	31.4	47.2

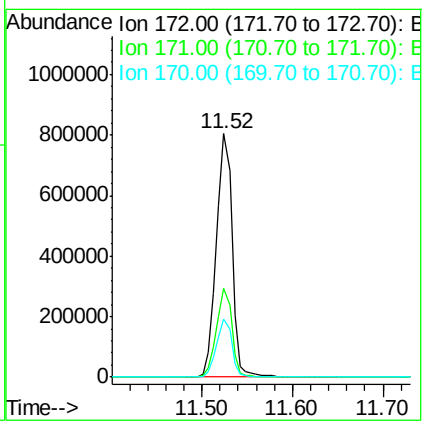


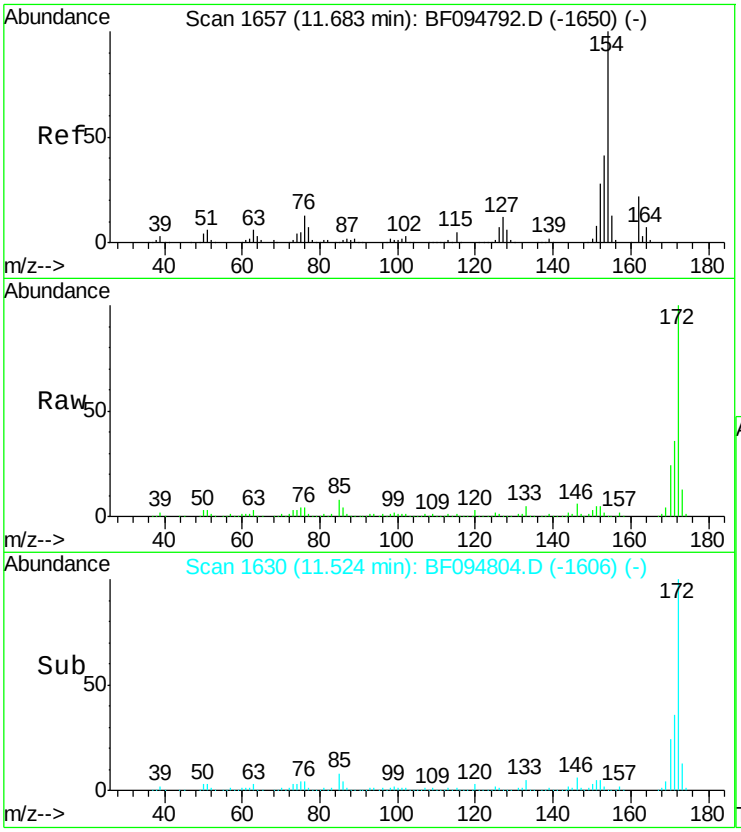


#44
2-Fluorobiphenyl
Concen: 79.934 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:172 Resp: 966954

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



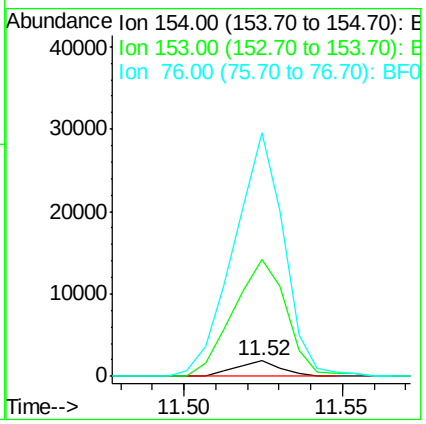


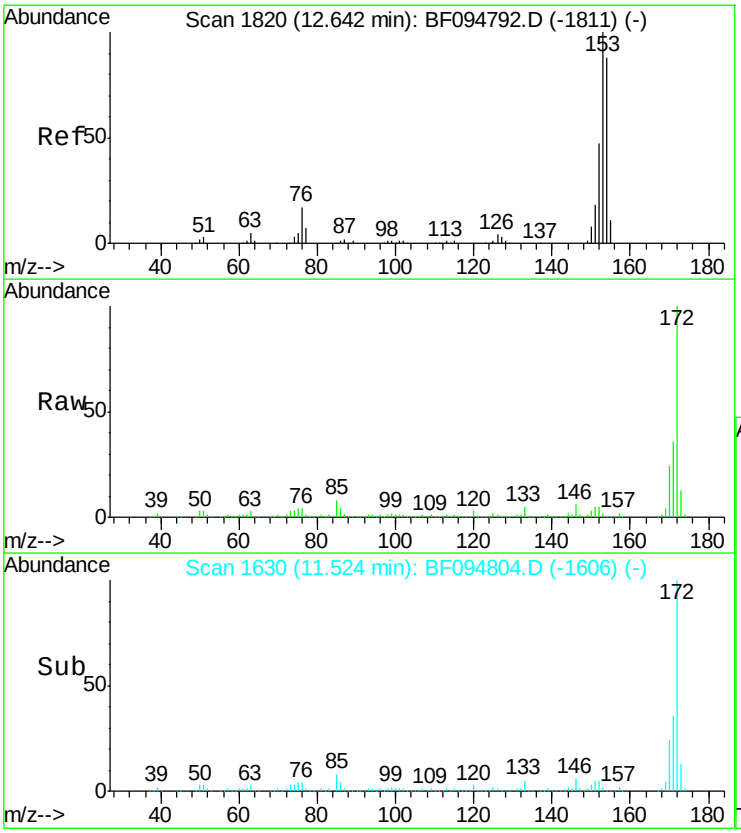
#45
1,1'-Biphenyl
Concen: 0.124 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.16 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:154 Resp: 1811

Ion	Ratio	Lower	Upper
154	100		
153	752.5	21.2	61.2#
76	1572.3	0.0	29.9#

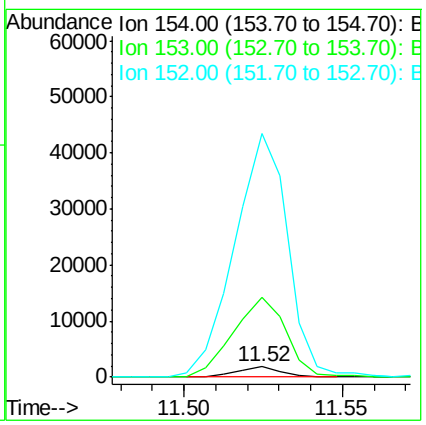


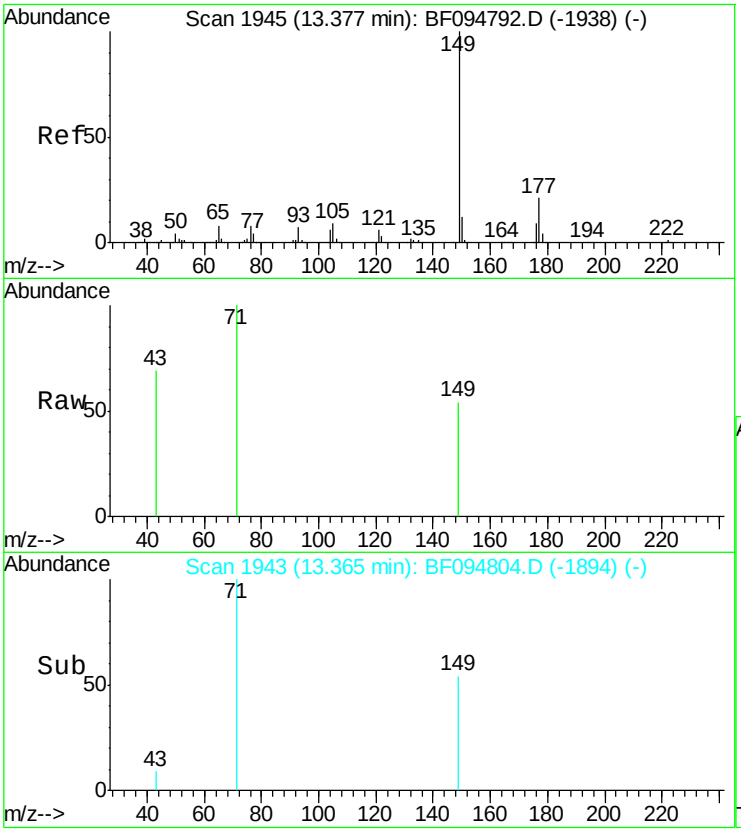


#51
Acenaphthene
Concen: 0.124 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.16 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:154 Resp: 1811

Ion	Ratio	Lower	Upper
154	100		
153	752.5	90.5	135.7#
152	2311.4	43.6	65.4#



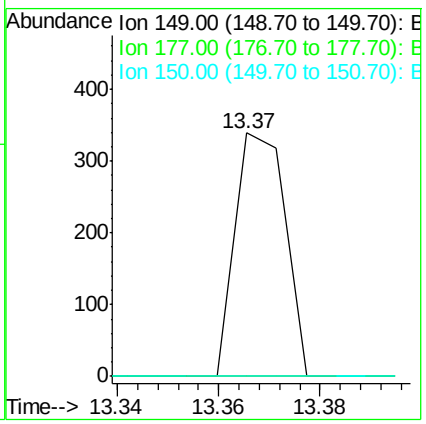


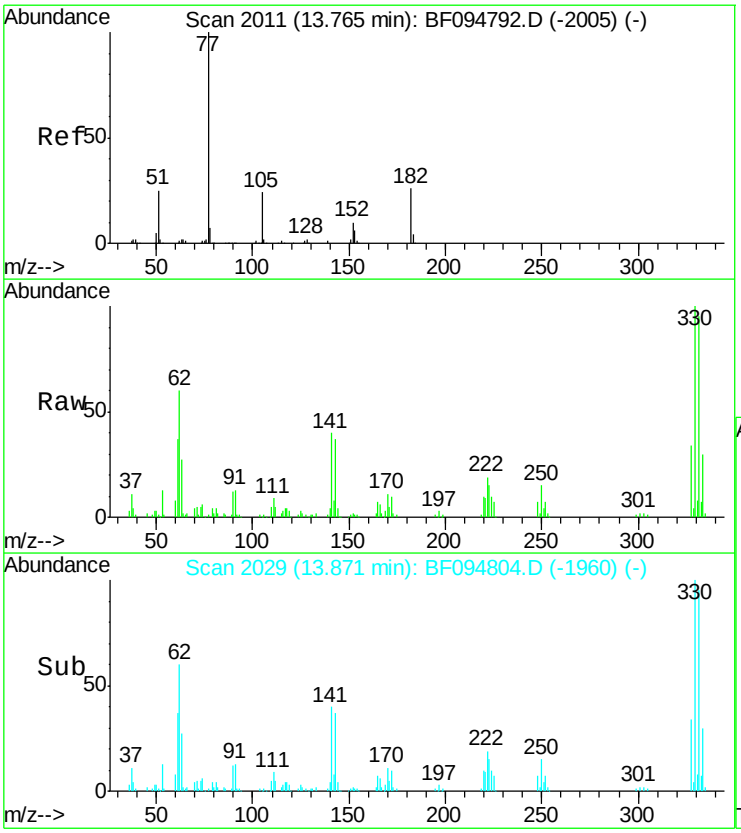
#59
Diethylphthalate
Concen: 0.017 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:149 Resp: 232

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

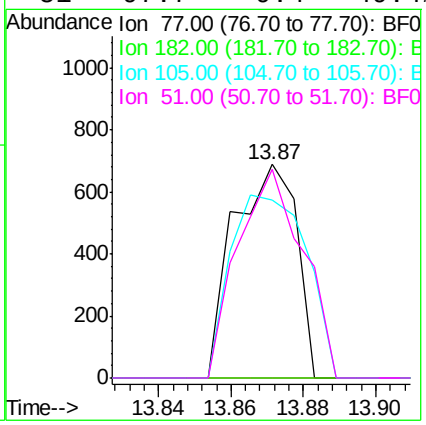


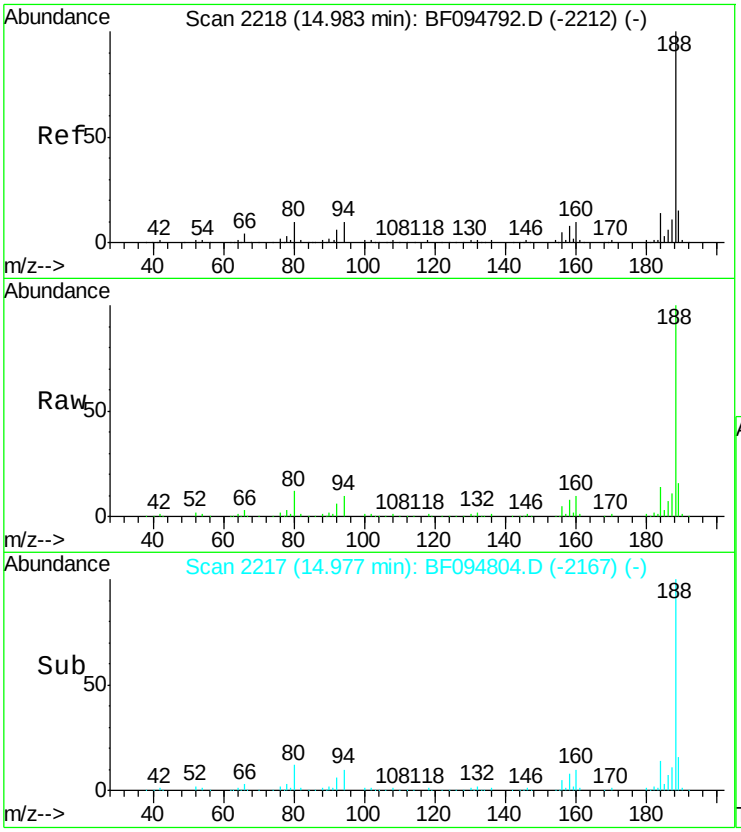


#62
Azobenzene
Concen: 0.075 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.11 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion: 77 Resp: 823

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	83.5	3.6	43.6#
51	97.7	9.4	49.4#



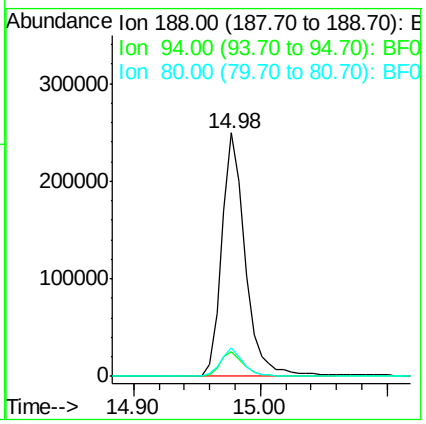


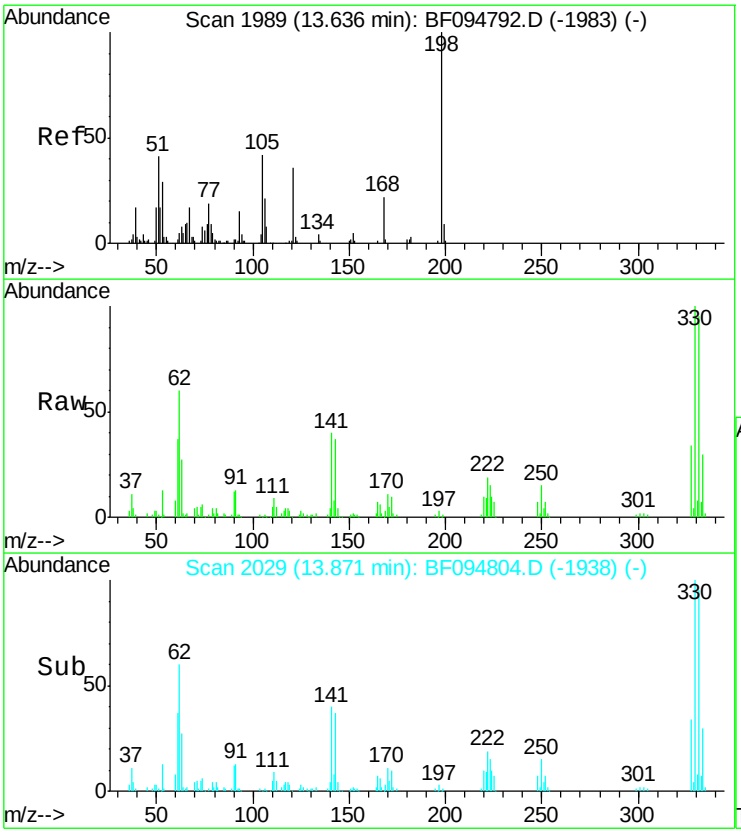
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:188 Resp: 320942

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.5	10.2	15.2

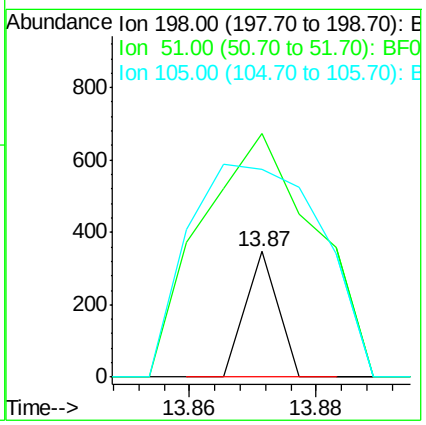


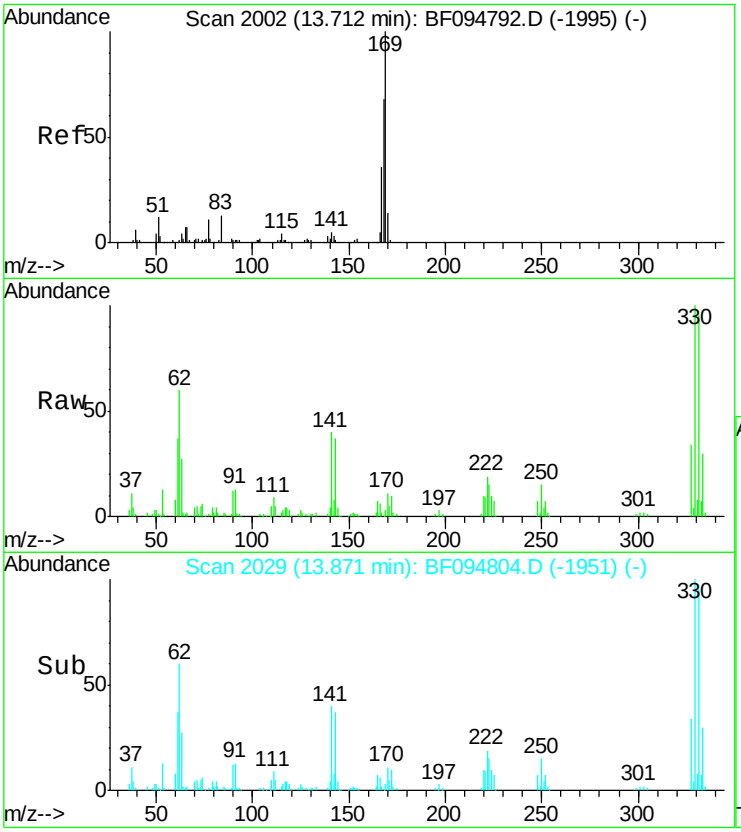


#64
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.24 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:198 Resp: 122

Ion	Ratio	Lower	Upper
198	100		
51	193.9	53.2	93.2#
105	165.7	45.8	85.8#



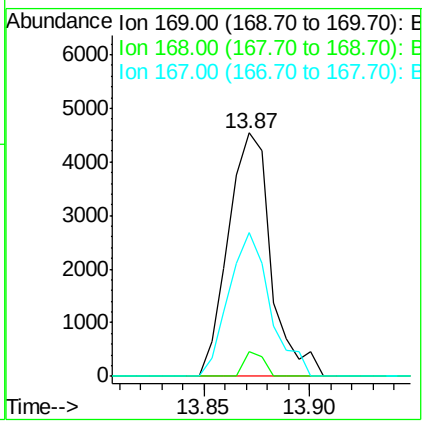


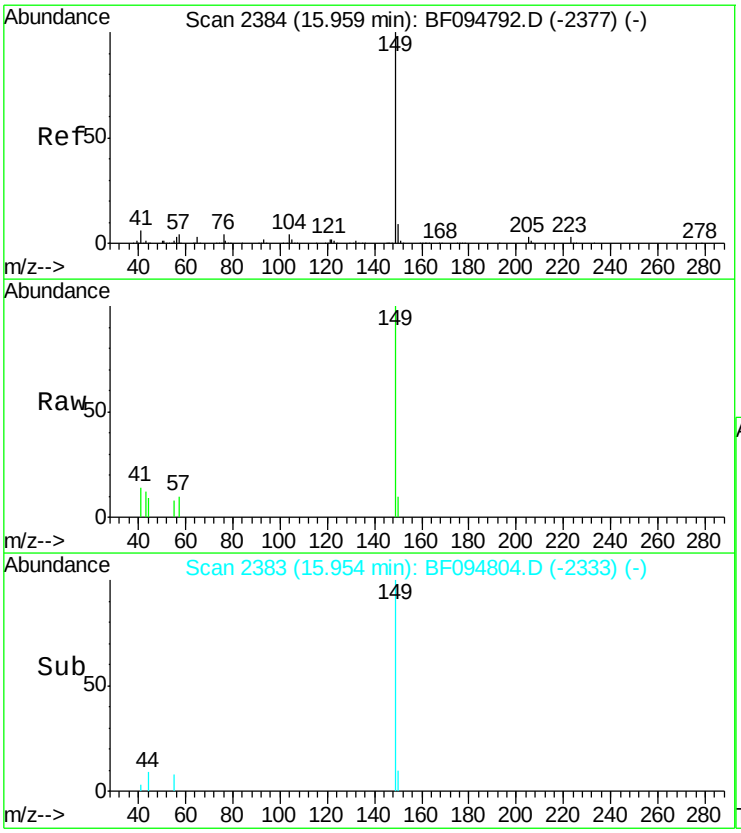
#65
n-Nitrosodiphenylamine
Concen: 0.547 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.16 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:169 Resp: 6374

Ion	Ratio	Lower	Upper
169	100		
168	10.4	53.2	79.8#
167	59.1	29.5	44.3#

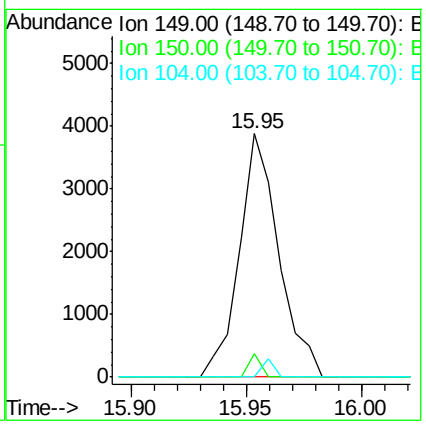


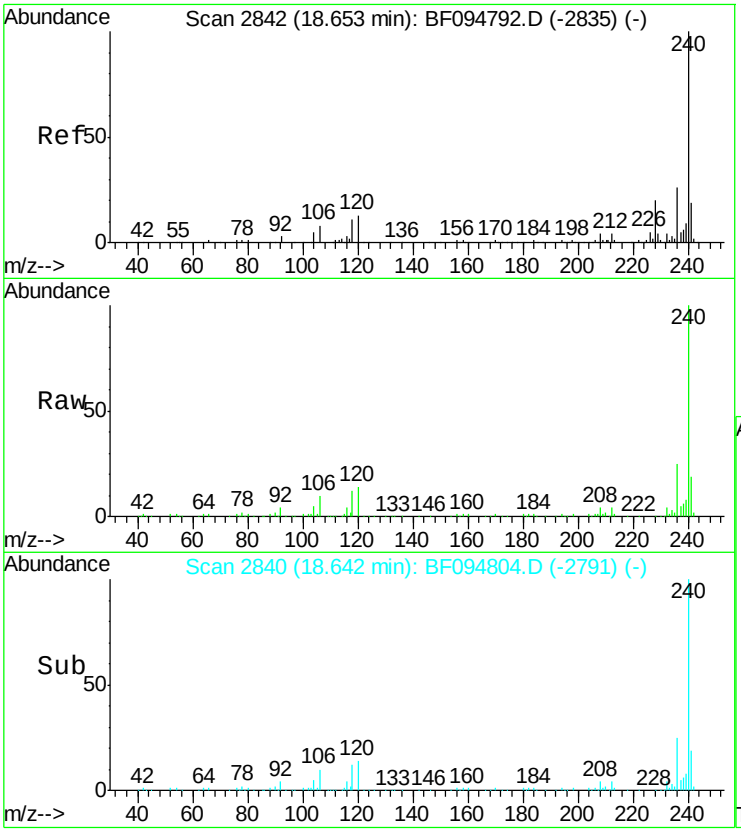


#73
Di-n-butylphthalate
Concen: 0.217 ng
RT: 15.95 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:149 Resp: 4634

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	0.0	4.0	6.0#



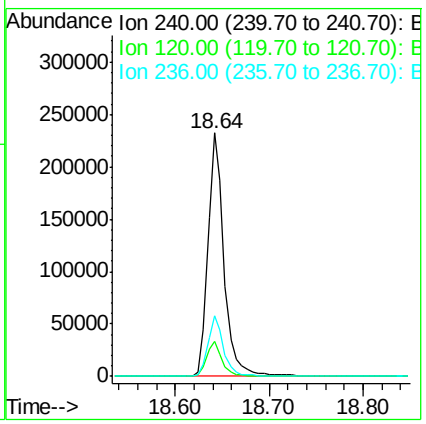


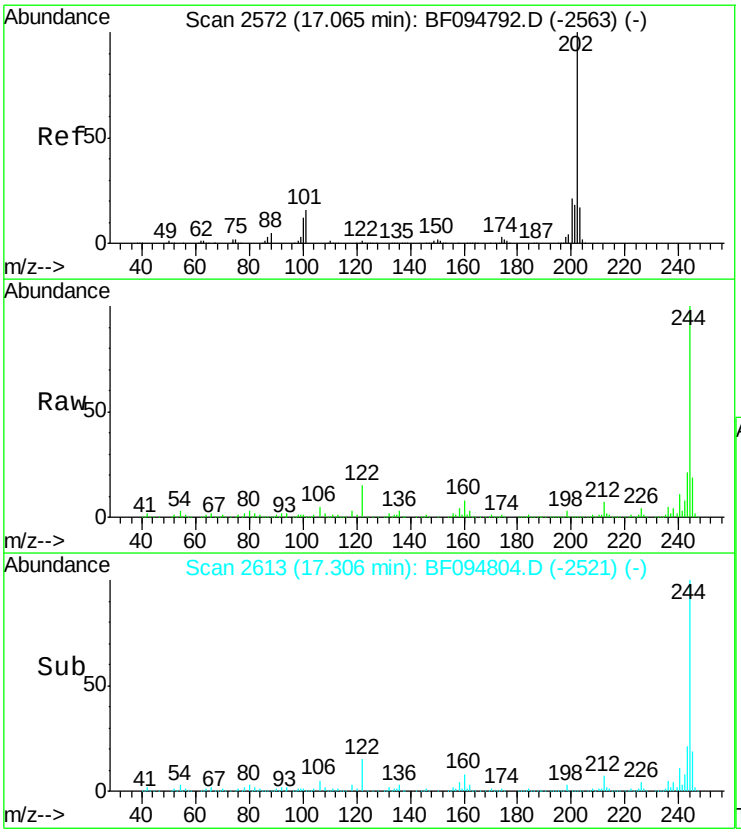
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:240 Resp: 280518

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.9	20.5	30.7

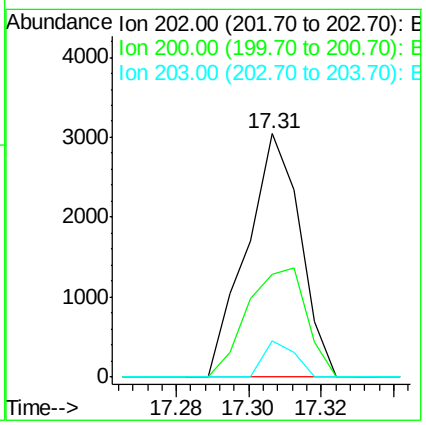


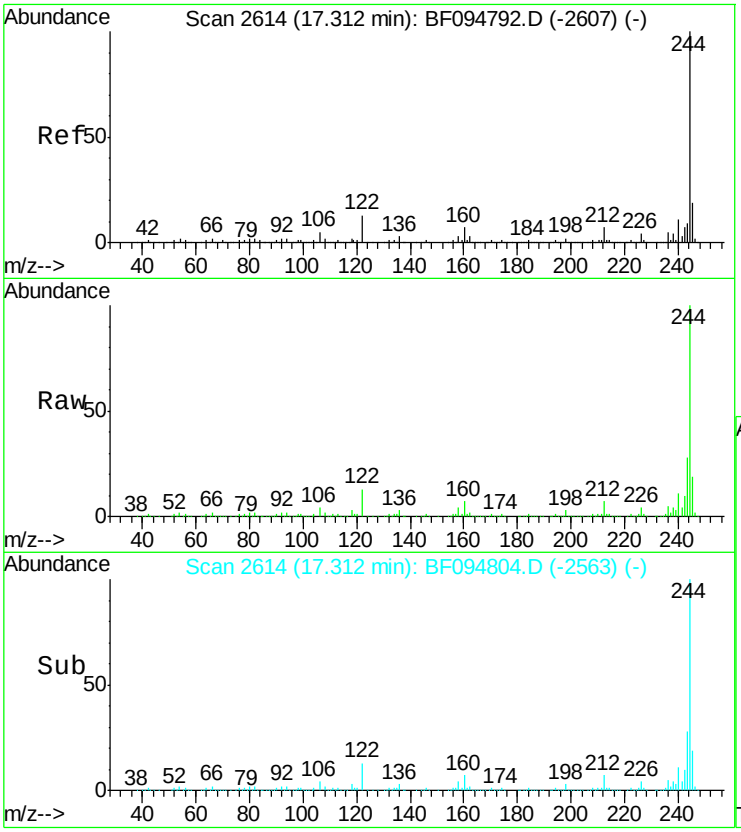


#77
Pyrene
Concen: 0.149 ng
RT: 17.31 min Scan# 2613
Delta R.T. 0.24 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:202 Resp: 3119

Ion	Ratio	Lower	Upper
202	100		
200	42.2	17.6	26.4#
203	14.9	14.4	21.6



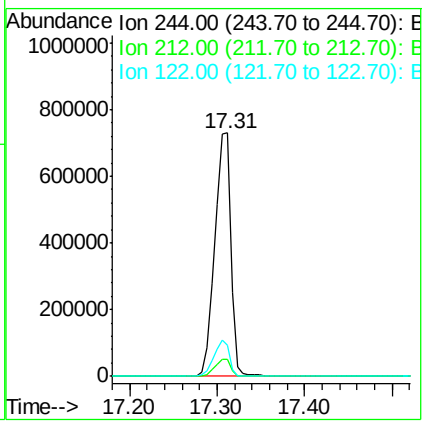


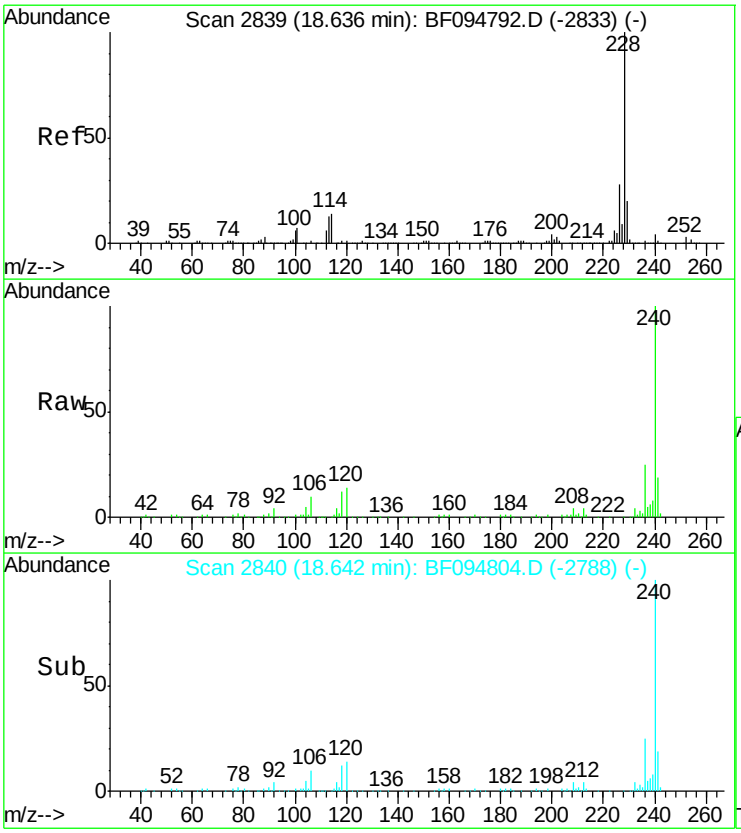
#78
Terphenyl-d14
Concen: 73.860 ng
RT: 17.31 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:244 Resp: 940677

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	12.8	10.3	15.5

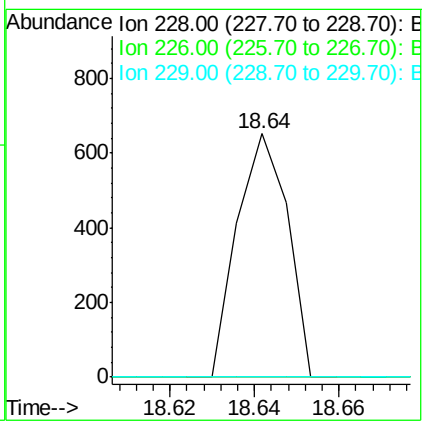


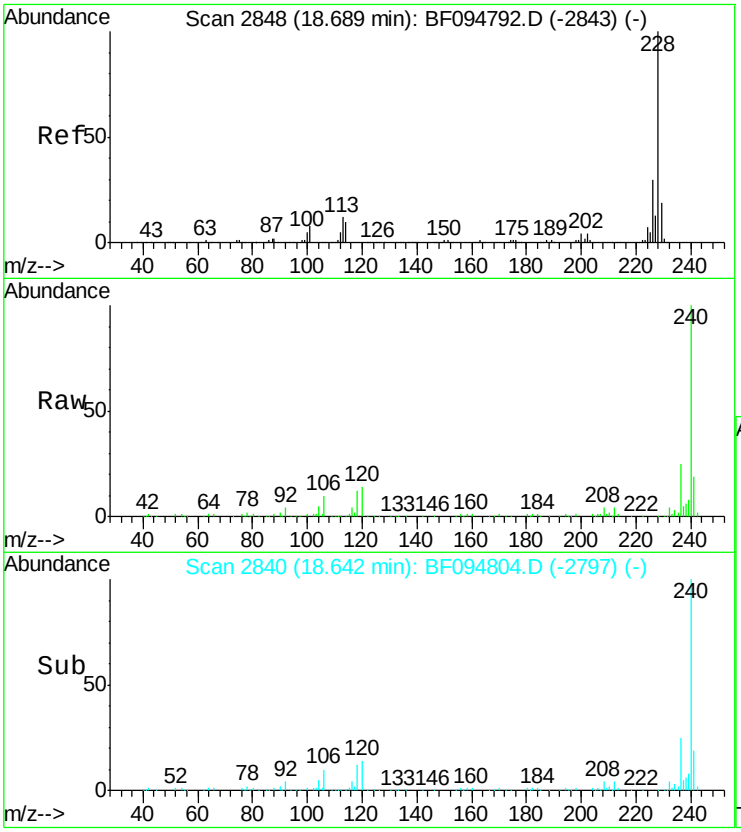


#80
Benzo(a)anthracene
Concen: 0.033 ng
RT: 18.64 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:228 Resp: 541

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



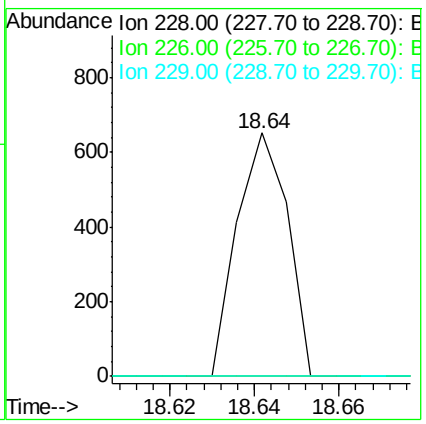


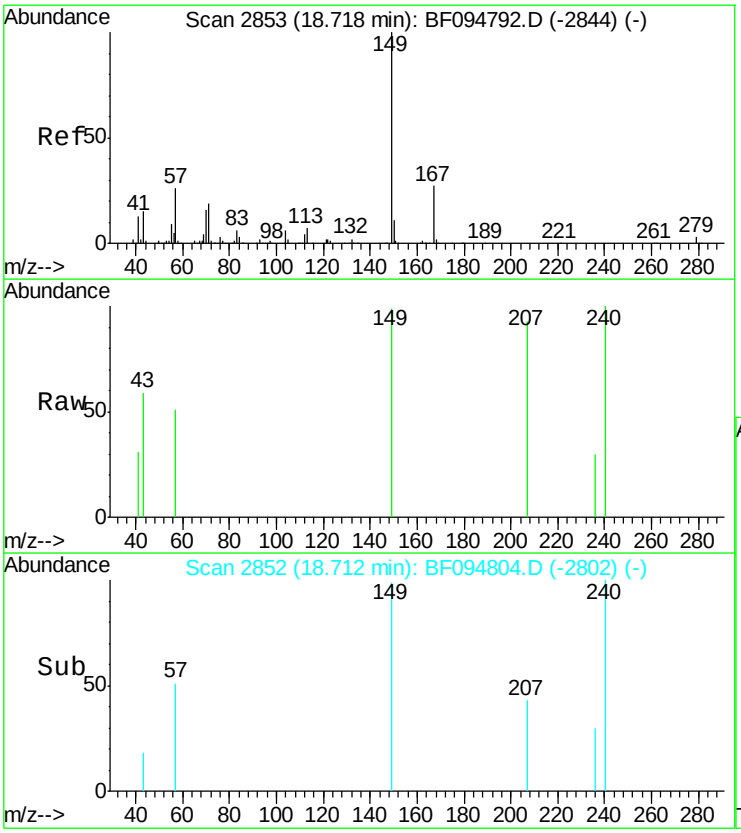
#82
Chrysene
Concen: 0.034 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:228 Resp: 541

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

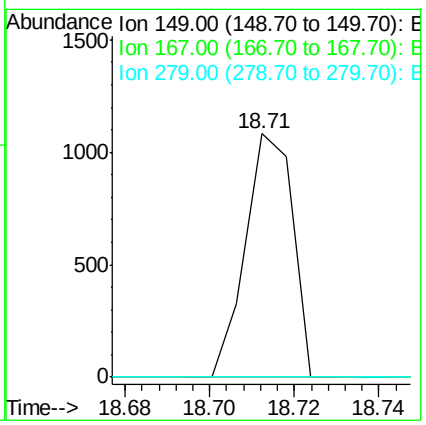


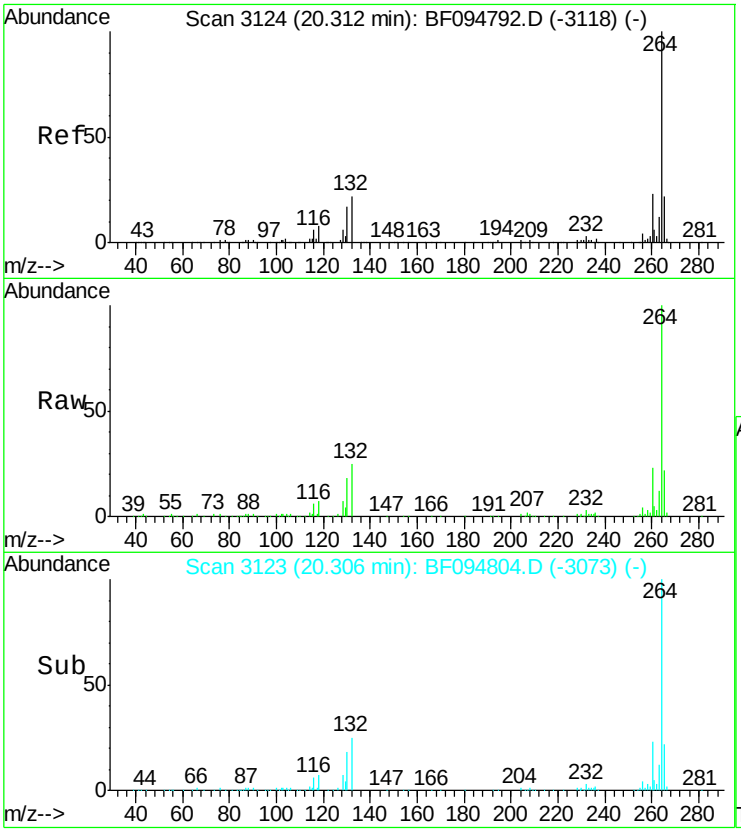


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.061 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:149 Resp: 845

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



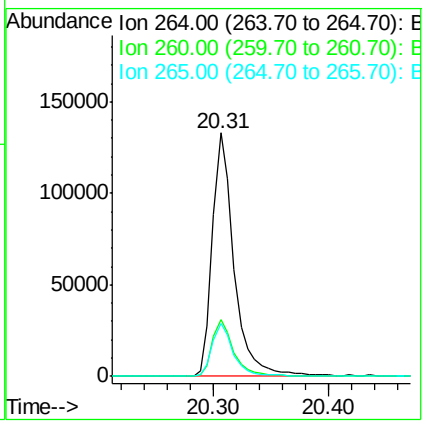


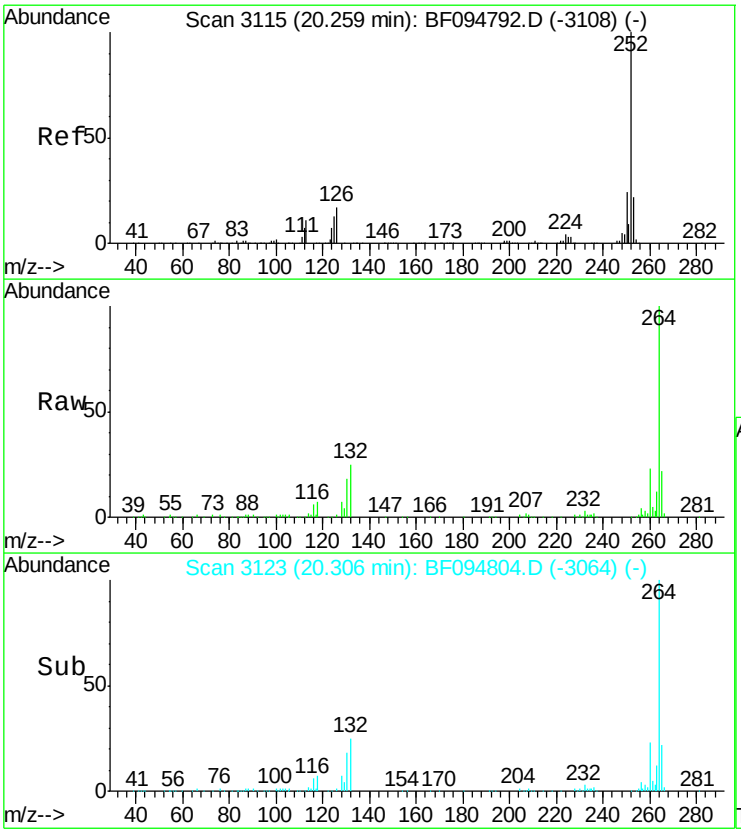
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Instrument :
BNA_F
ClientSampleId :
PB98612TB

Tgt Ion:264 Resp: 173983

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.030 ng
RT: 20.31 min Scan# 3123
Delta R.T. 0.05 min
Lab File: BF094804.D
Acq: 2 May 2017 20:56

Tgt Ion:252 Resp: 298

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