Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112768.D
Acq On : 28 Feb 2019 18:35
Operator : JU/SJ
Sample : PB117468BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117468BL

Quant Time: Mar 01 04:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	187996	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	713991	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	333833	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	606236	20.00	ng	0.00
76) Chrysene-d12	13.87	240	398196	20.00	ng	0.00
87) Perylene-d12	15.29	264	423734	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1233851	102.09	ng	0.02
7) Phenol-d6	6.38	99	1557215	102.57	ng	0.01
23) Nitrobenzene-d5	7.30	82	971959	81.46	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	386802	109.14	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1730122	89.66	ng	0.00
79) Terphenyl-d14	12.83	244	1492933	72.68	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.10	42	219	0.031	ng	# 1
6) Aniline	6.52	93	1730	0.083	ng	# 1
8) 2-Chlorophenol	6.53	128	365	0.027	ng	# 1
9) Benzaldehyde	6.38	77	2221	0.203	ng	# 1
10) Phenol	6.37	94	343	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	6.52	93	1730	0.127	ng	# 1
15) Benzyl Alcohol	6.90	79	16282	1.406	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.01	45	155	0.007	ng	71
19) n-Nitroso-di-n-propylamine	7.30	70	129048	13.422	ng	# 76
24) Nitrobenzene	7.30	77	2841	0.214	ng	# 37
25) Isophorone	7.30	82	960235	37.355	ng	# 66
38) 1-Methylnaphthalene	9.10	142	767	0.035	ng	# 27
46) 1,1'-Biphenyl	9.20	154	3421	0.126	ng	95
48) 2-Nitroaniline	9.10	65	3415	0.528	ng	# 1
49) Acenaphthylene	9.65	152	123	0.003	ng	# 59
50) Dimethylphthalate	9.77	163	89739	3.646	ng	# 1
51) 2,6-Dinitrotoluene	9.77	165	42490	8.289	ng	# 18
52) Acenaphthene	9.77	154	1444	0.068	ng	# 5
57) 2,4-Dinitrotoluene	9.77	165	42490	6.669	ng	# 18
58) Fluorene	10.56	166	16574	0.761	ng	# 80
63) Azobenzene	10.48	77	367	0.014	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.56	198	641	4.845	ng	# 1
66) n-Nitrosodiphenylamine	10.56	169	11051	0.568	ng	# 42
67) 4-Bromophenyl-phenylether	10.56	248	22138	3.467	ng	# 1
71) Phenanthrene	11.27	178	132	0.004	ng	# 59
72) Anthracene	11.27	178	132	0.004	ng	# 59
73) Carbazole	11.47	167	109	0.004	ng	# 59
74) Di-n-butylphthalate	11.82	149	2440	0.066	ng	# 78
77) Benzidine	12.83	184	19311	0.935	ng	# 95
78) Pyrene	12.83	202	4569	0.136	ng	# 58
80) Butylbenzylphthalate	13.30	149	1449	0.098	ng	# 33
81) Benzo(a)anthracene	13.87	228	1226	0.044	ng	# 42
82) 3,3'-Dichlorobenzidine	13.66	252	109	0.010	ng	# 1
83) Chrysene	13.90	228	331	0.012	ng	# 28

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112768.D
Acq On : 28 Feb 2019 18:35
Operator : JU/SJ
Sample : PB117468BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117468BL

Quant Time: Mar 01 04:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) Bis(2-ethylhexyl)phthalate	13.87	149	650	0.037	ng	#	57
85) Di-n-octyl phthalate	14.47	149	442	0.015	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.66	276	878	0.038	ng	#	67
88) Benzo(b)fluoranthene	14.87	252	658	0.024	ng	#	1
89) Benzo(k)fluoranthene	14.93	252	264	0.011	ng	#	1
90) Benzo(a)pyrene	15.22	252	681	0.028	ng	#	1
91) Dibenzo(a,h)anthracene	16.66	278	112	0.005	ng	#	1
92) Benzo(g,h,i)perylene	17.03	276	131	0.006	ng	#	1

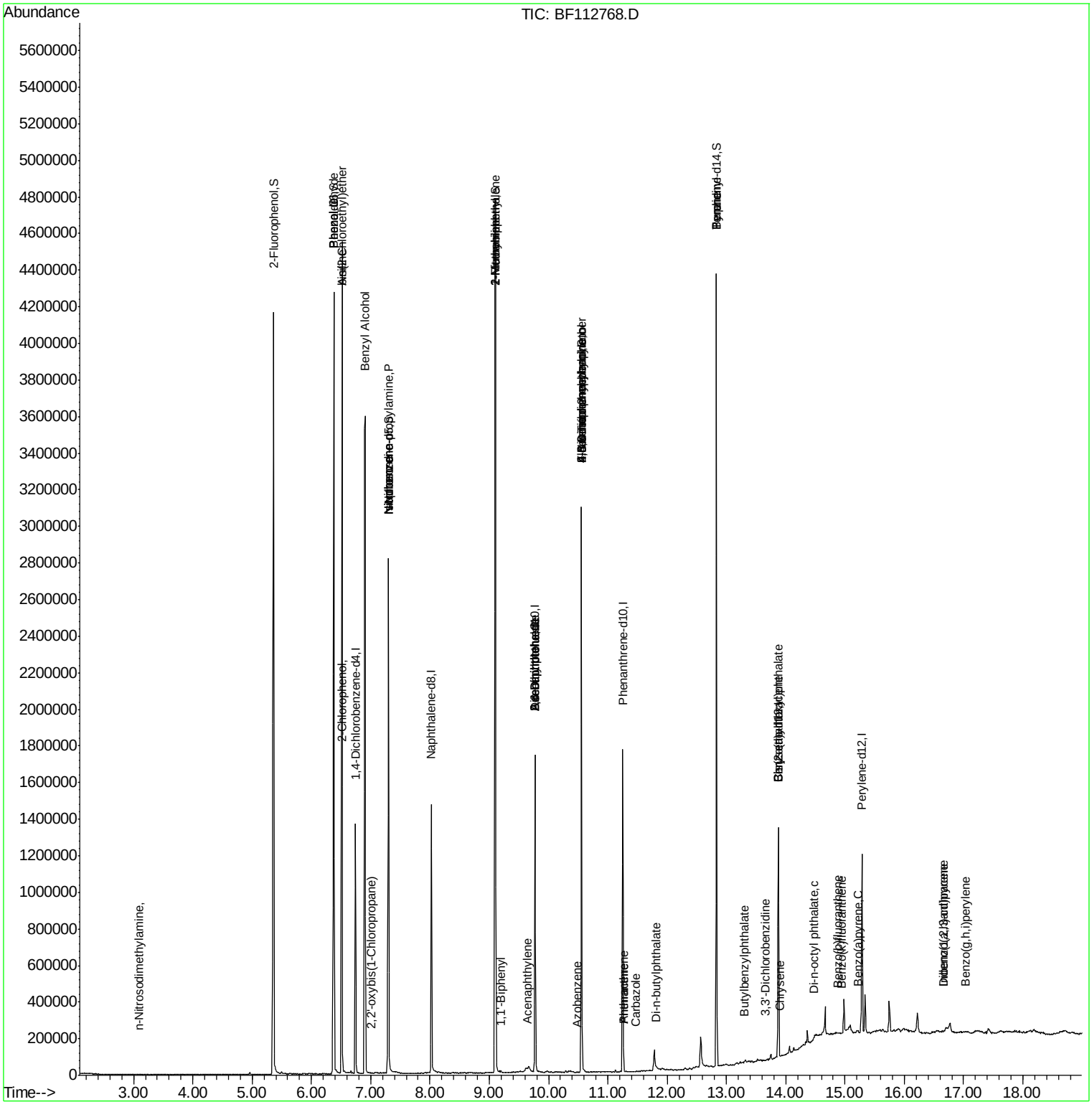
(#) = qualifier out of range (m) = manual integration (+) = signals summed

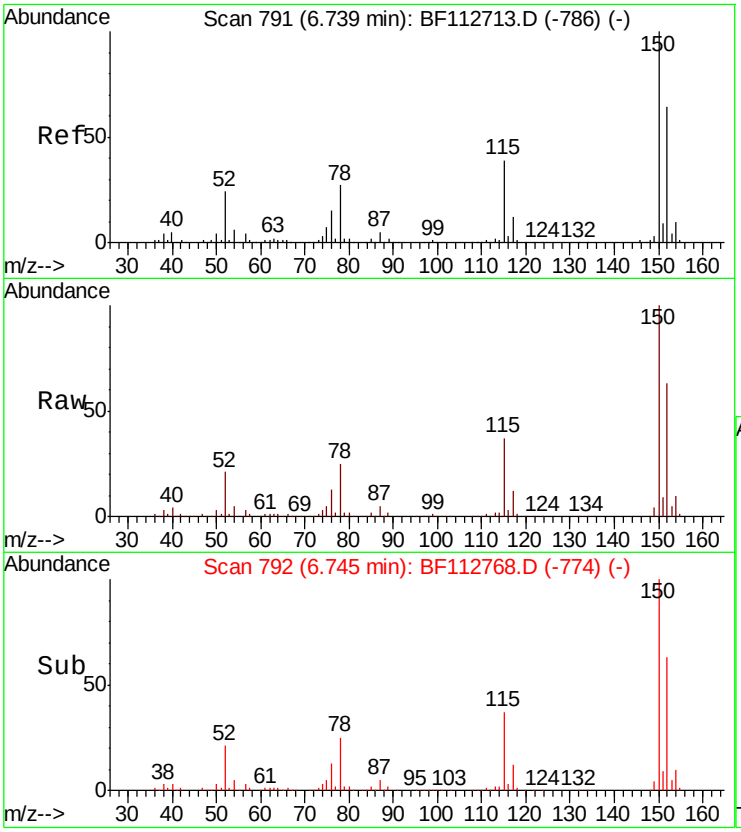
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112768.D
Acq On : 28 Feb 2019 18:35
Operator : JU/SJ
Sample : PB117468BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Quant Time: Mar 01 04:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



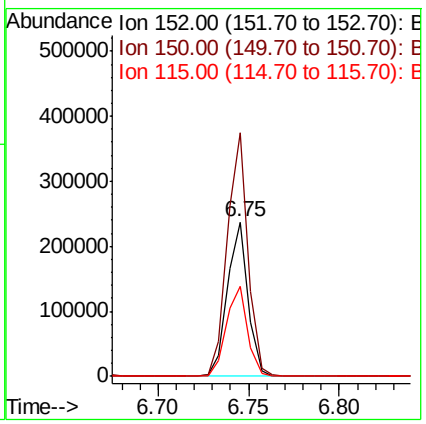


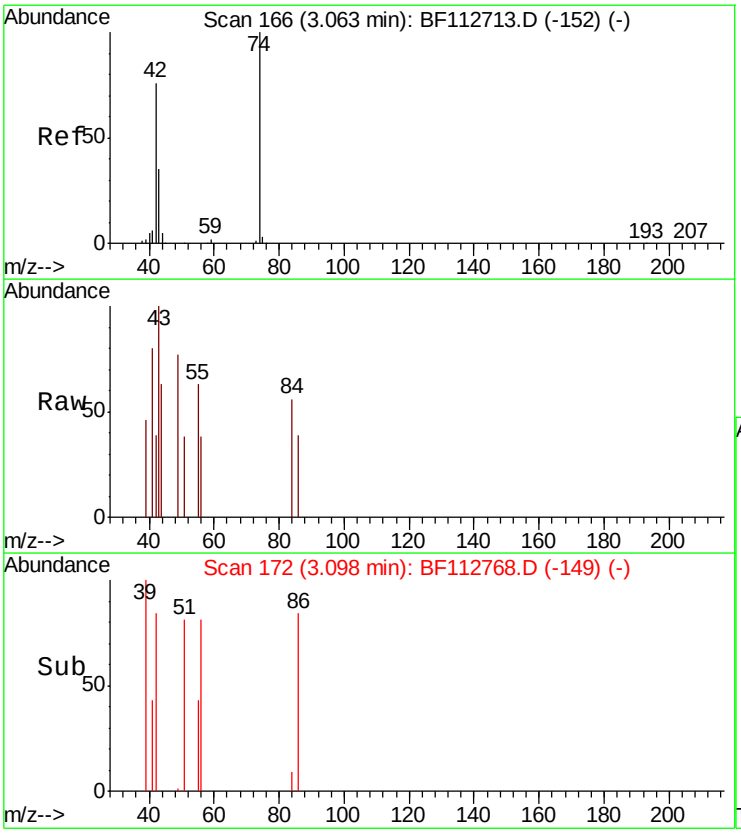
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:152 Resp: 187996

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	58.2	48.2	72.4

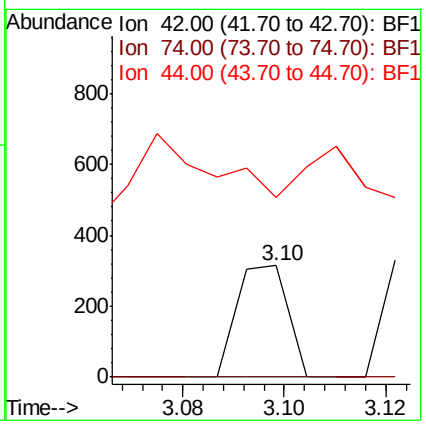


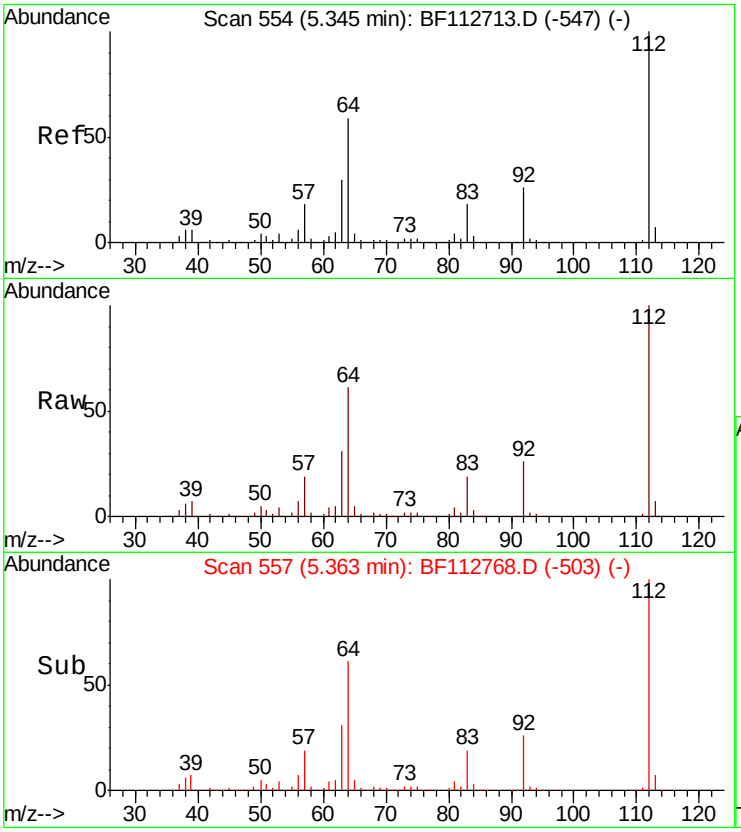


#4
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.04 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 42 Resp: 219

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	161.0	6.2	9.2#



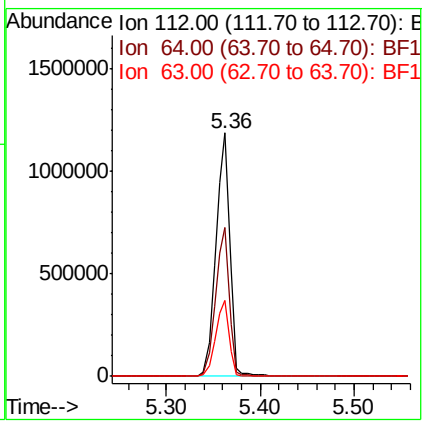


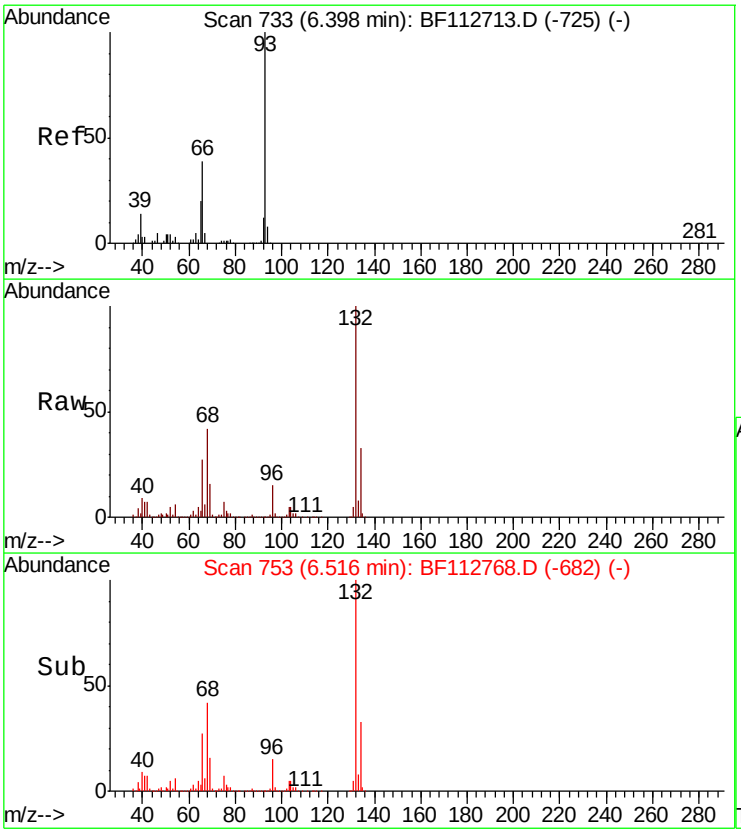
#5
2-Fluorophenol
Concen: 102.093 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:112 Resp: 1233851

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.6	71.4
63	31.4	24.4	36.6

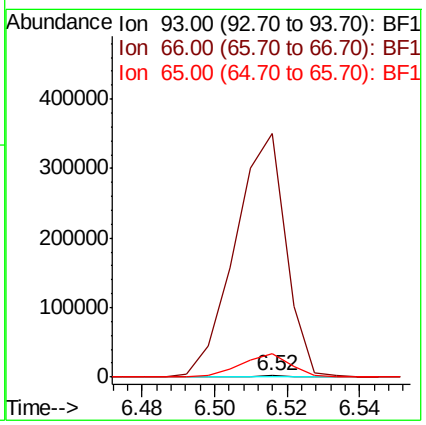


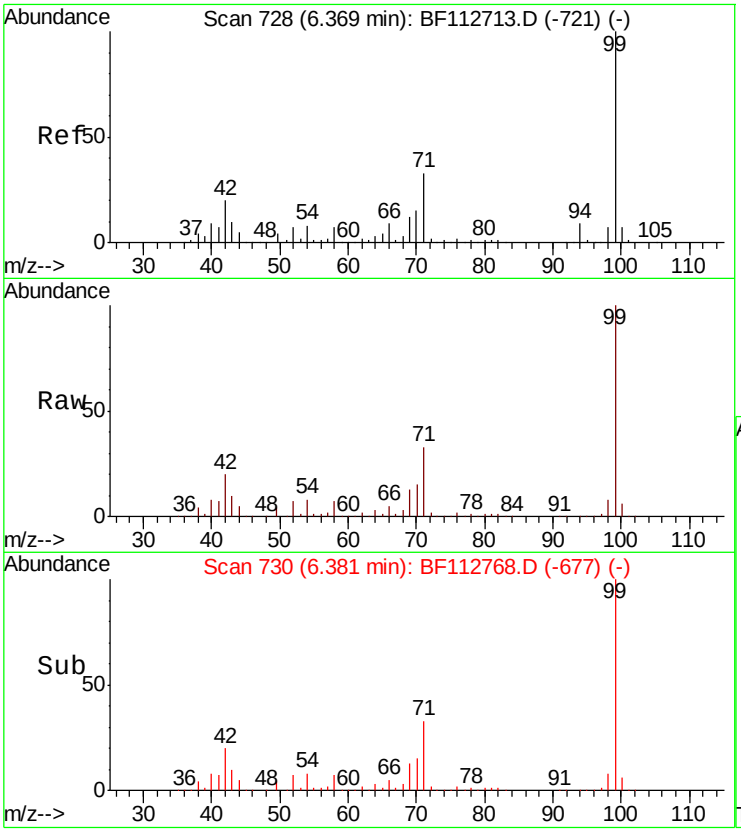


#6
Aniline
Concen: 0.083 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.12 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 93 Resp: 1730

Ion	Ratio	Lower	Upper
93	100		
66	19441.5	32.2	48.2#
65	1897.0	16.2	24.4#



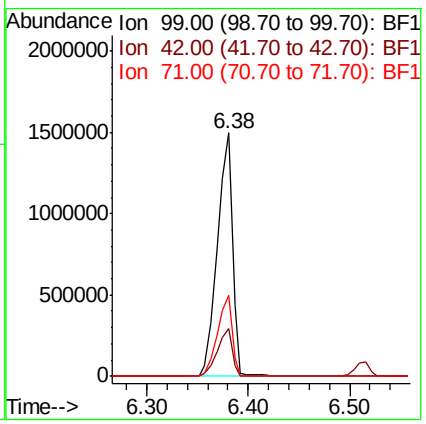


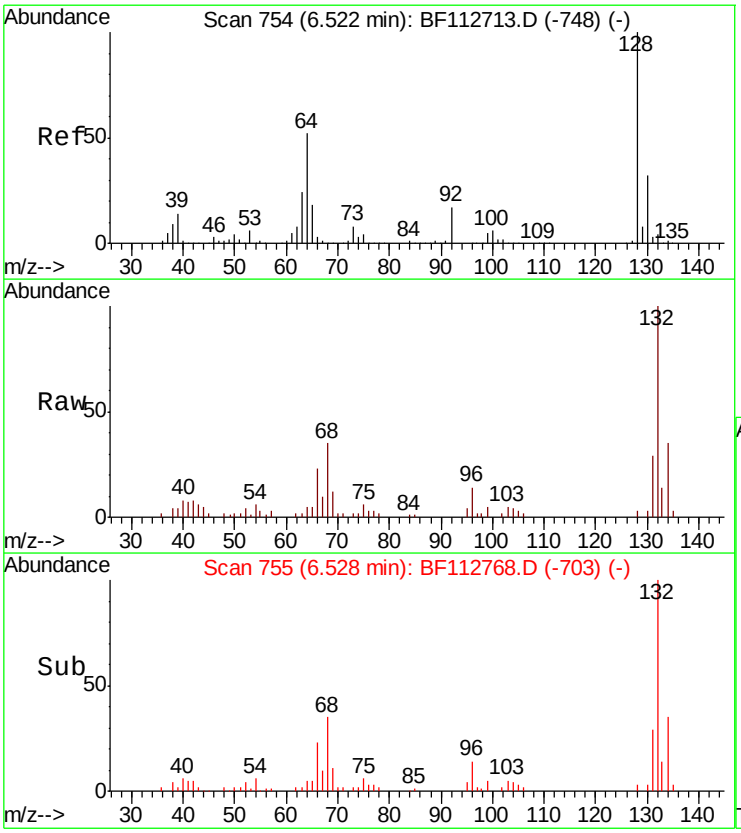
#7
Phenol-d6
Concen: 102.574 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 99 Resp: 1557215

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.3	24.5
71	33.4	26.2	39.4

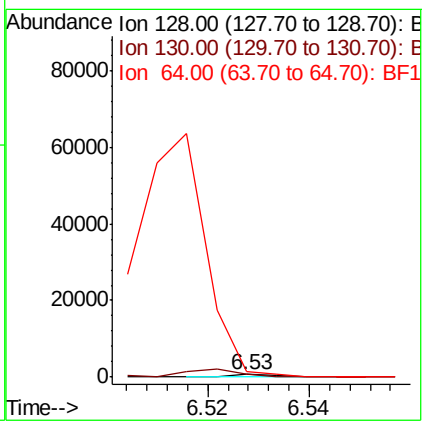


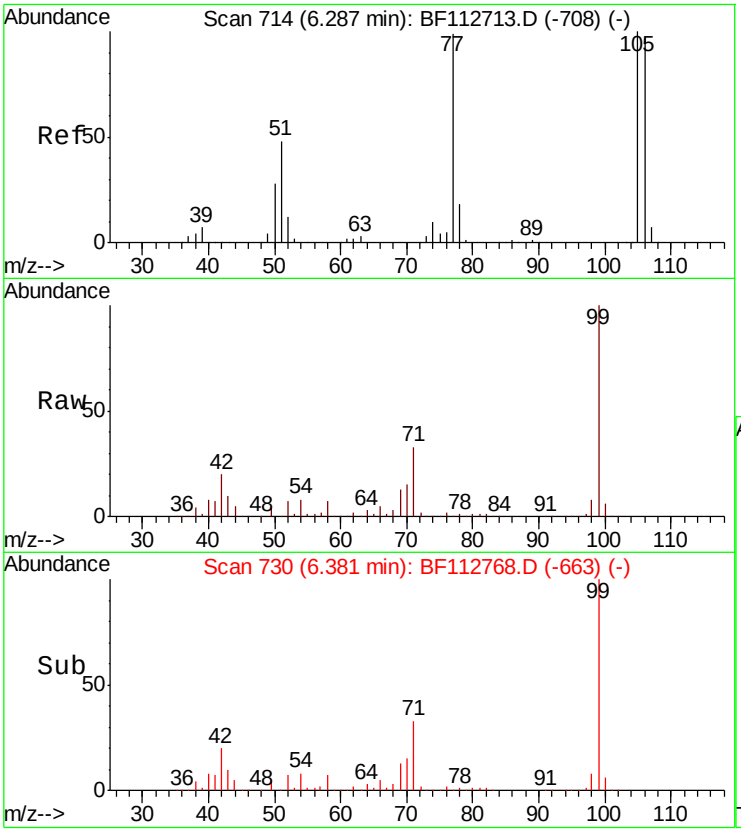


#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:128 Resp: 365

Ion	Ratio	Lower	Upper
128	100		
130	103.9	12.4	52.4#
64	186.6	32.2	72.2#



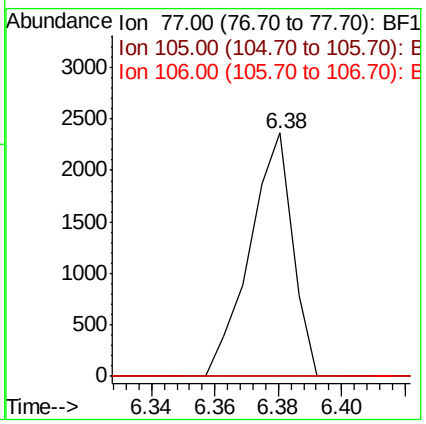


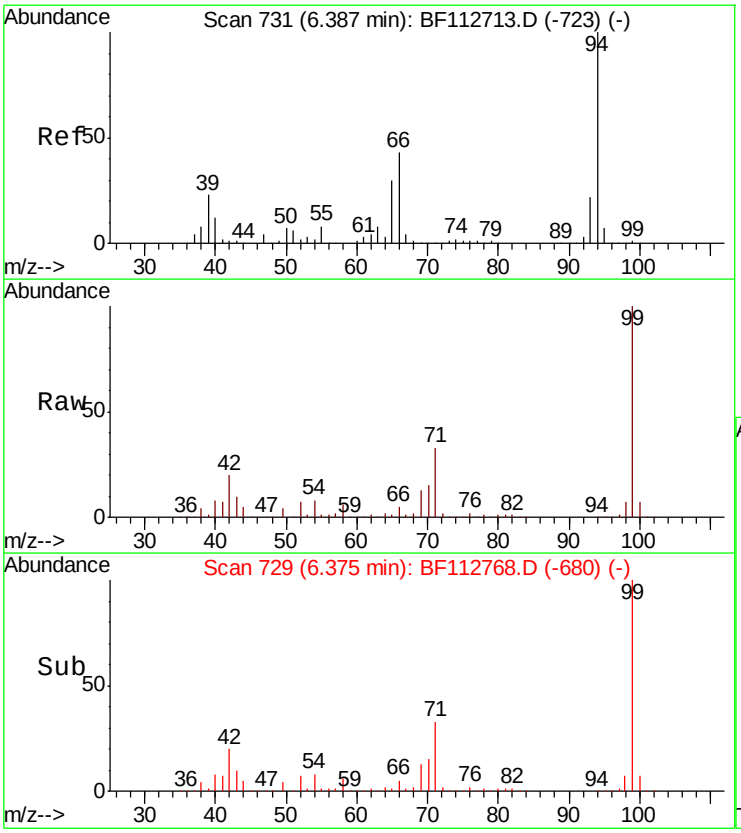
#9
Benzaldehyde
Concen: 0.203 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.09 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 77 Resp: 2221

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	78.3	118.3#

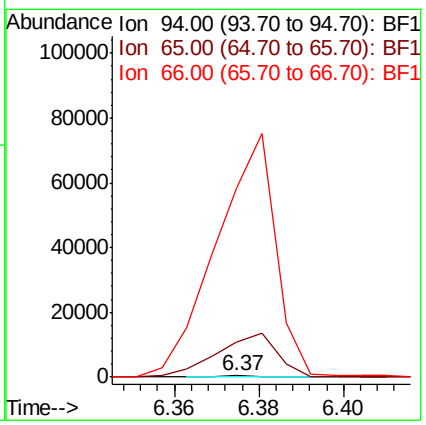


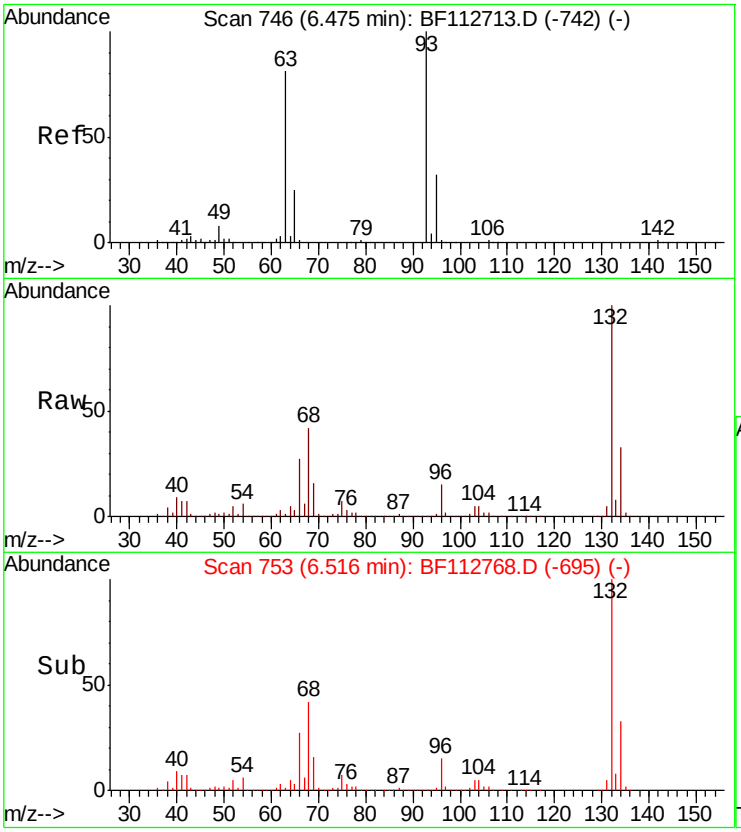


#10
Phenol
Concen: 0.019 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 94 Resp: 343

Ion	Ratio	Lower	Upper
94	100		
65	3141.0	10.5	50.5#
66	16706.0	22.6	62.6#



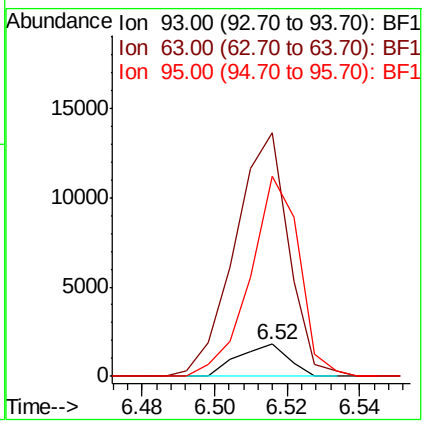


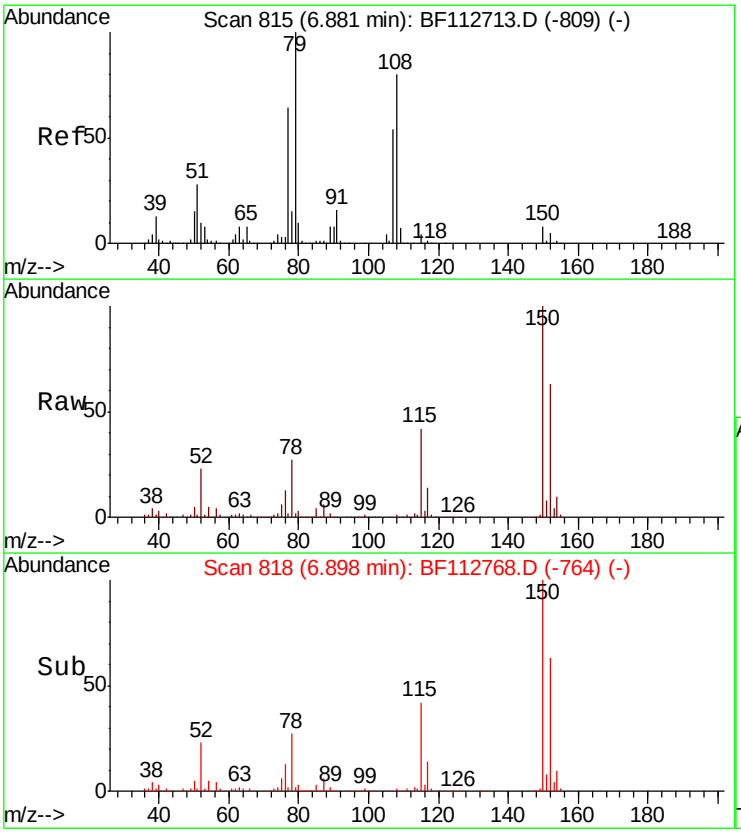
#11
bis(2-Chloroethyl)ether
Concen: 0.127 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.04 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 93 Resp: 1730

Ion	Ratio	Lower	Upper
93	100		
63	756.0	60.5	100.5#
95	620.0	12.1	52.1#

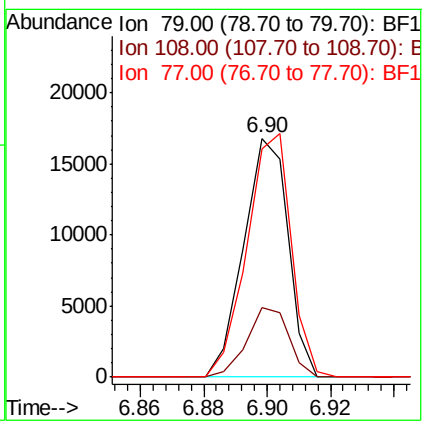


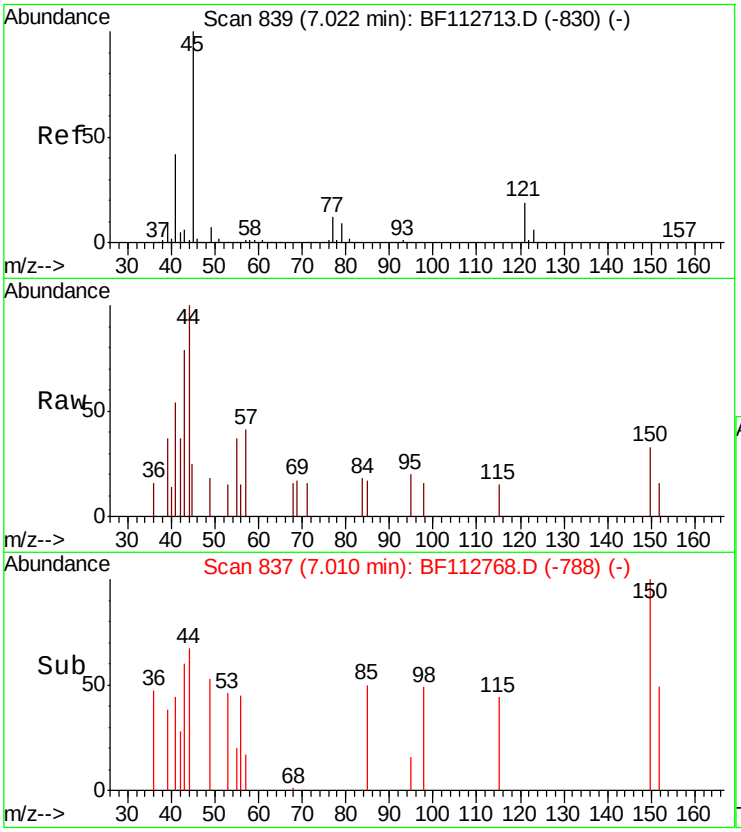


#15
Benzyl Alcohol
Concen: 1.406 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 79 Resp: 16282

Ion	Ratio	Lower	Upper
79	100		
108	28.8	64.2	96.4#
77	95.3	51.1	76.7#



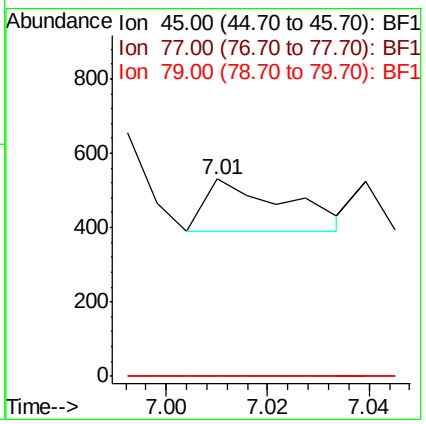


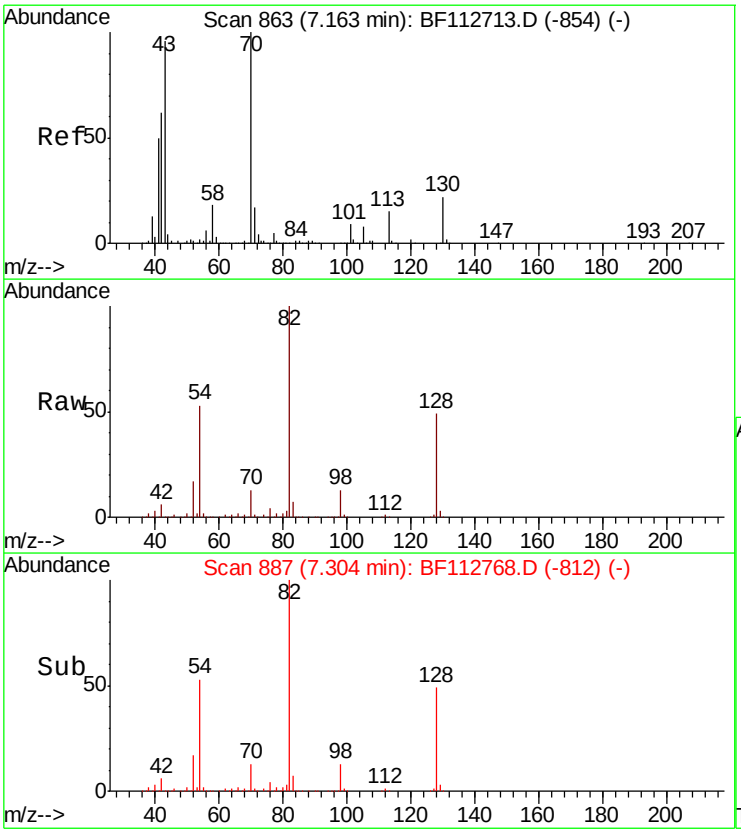
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 45 Resp: 155

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.1
79	0.0	0.0	29.4

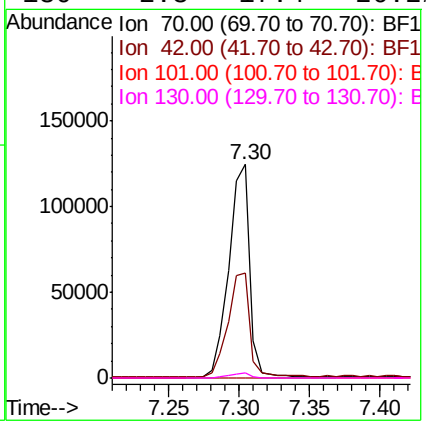


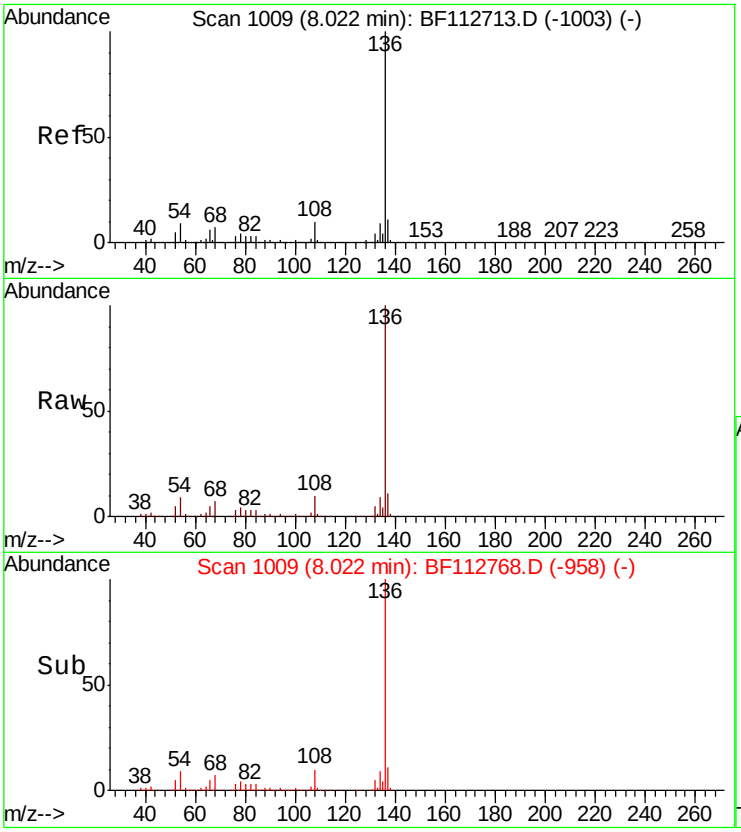


#19
n-Nitroso-di-n-propylamine
Concen: 13.422 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 70 Resp: 129048

Ion	Ratio	Lower	Upper
70	100		
42	49.1	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



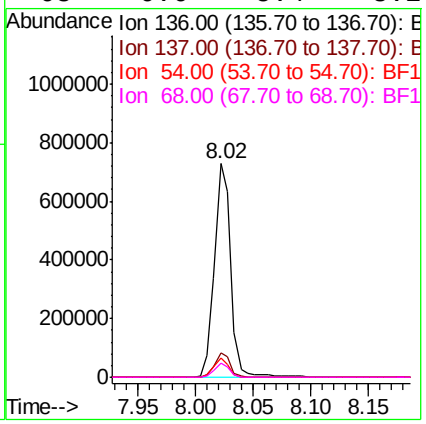


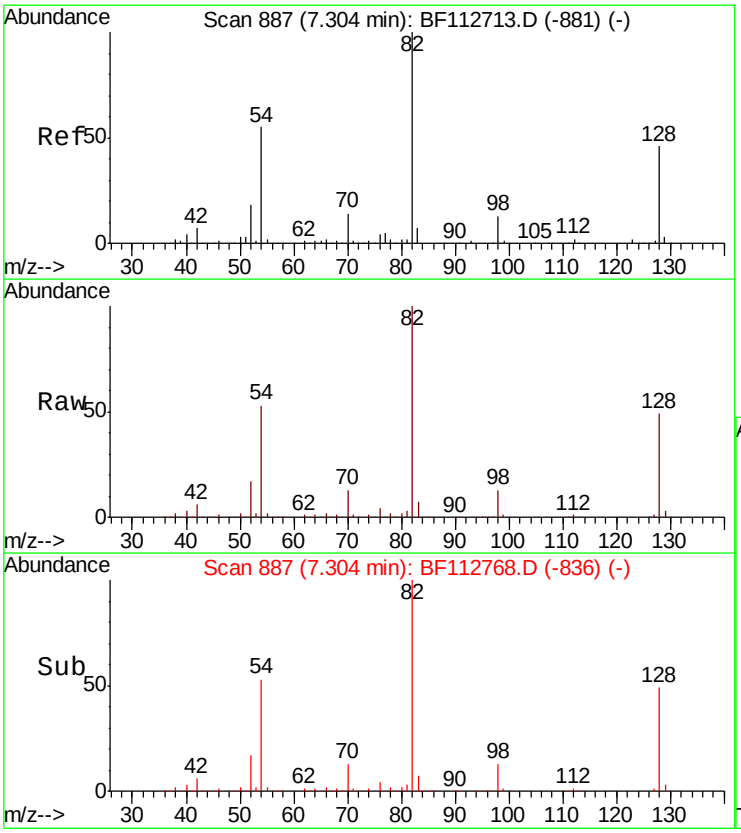
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:136 Resp: 713991

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	7.3	10.9
68	6.6	5.4	8.2

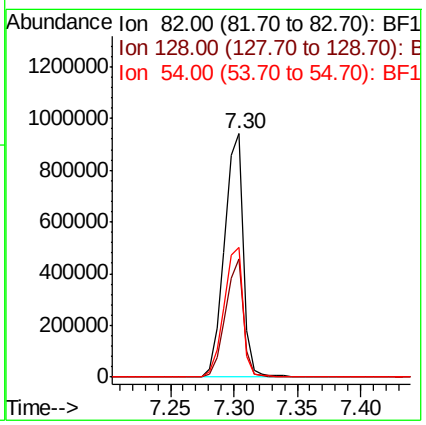


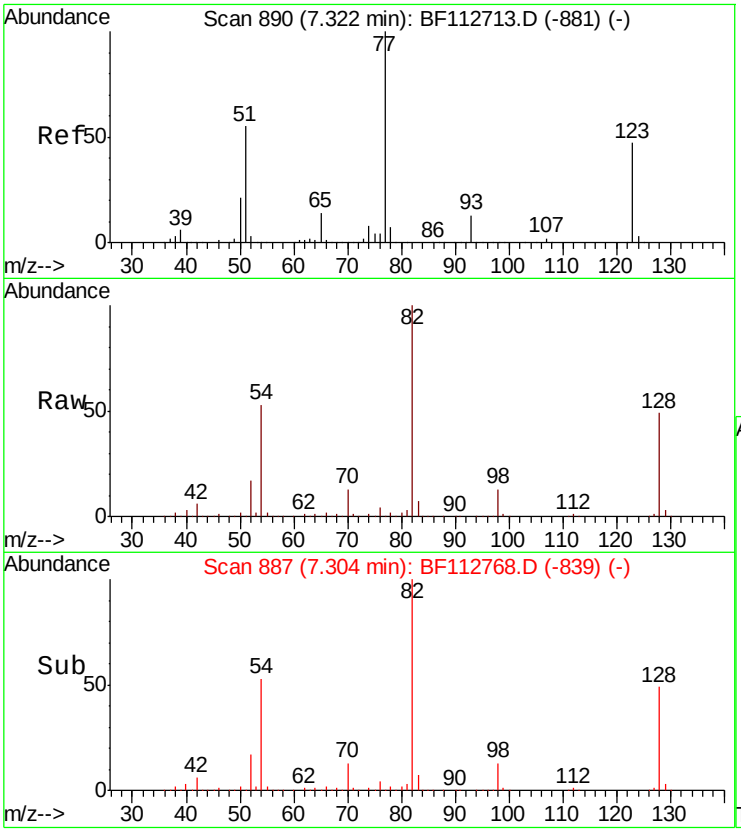


#23
Nitrobenzene-d5
Concen: 81.458 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 82 Resp: 971959

Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.3	54.5
54	53.4	43.7	65.5



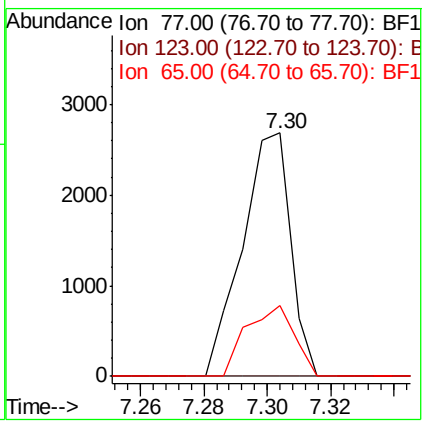


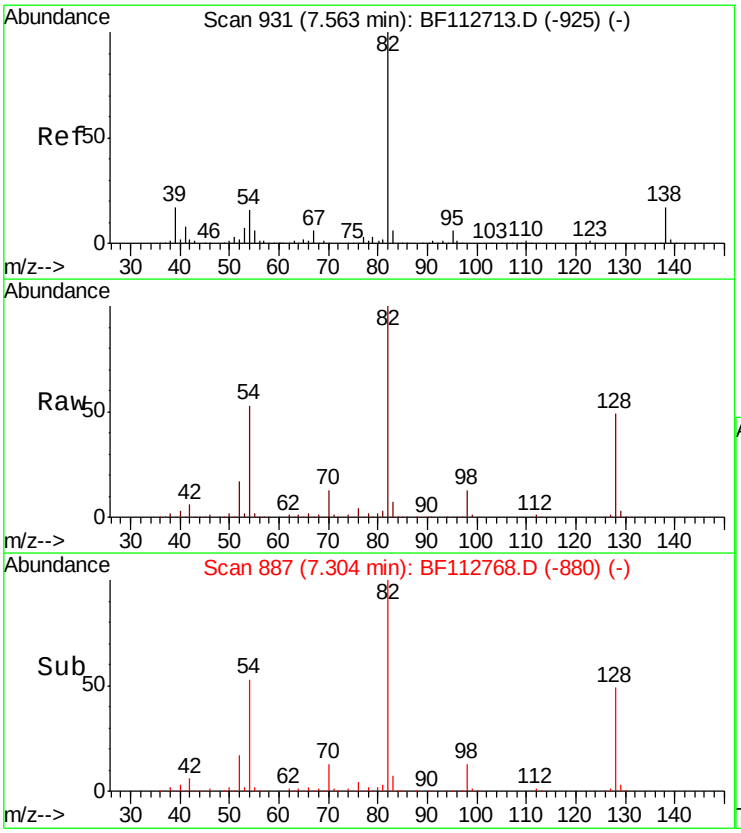
#24
Nitrobenzene
Concen: 0.214 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 77 Resp: 2841

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	29.3	11.1	16.7#

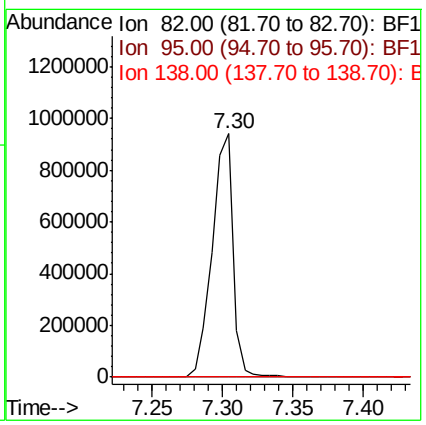


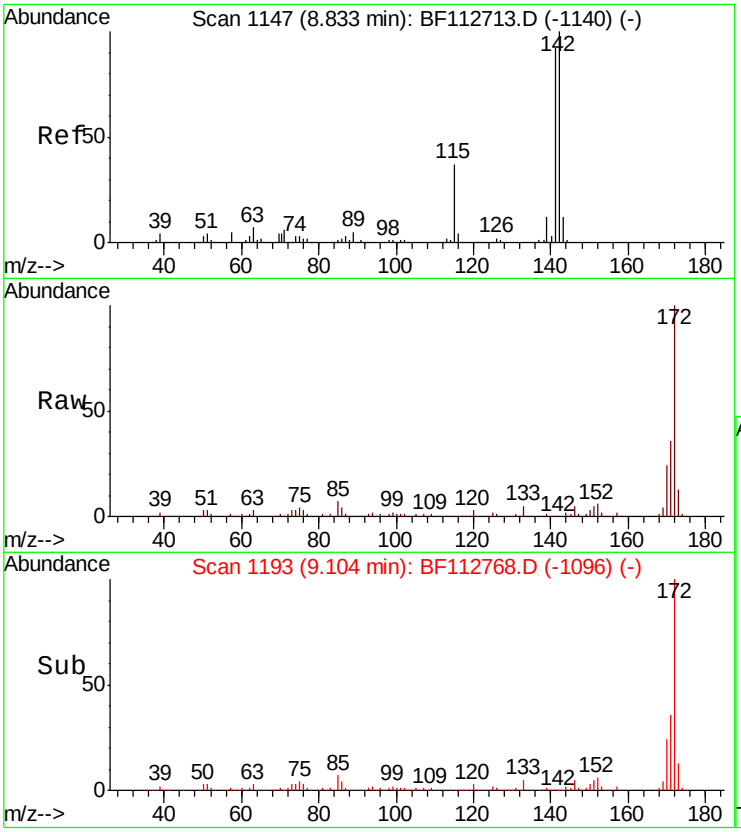


#25
Isophorone
Concen: 37.355 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 82 Resp: 960235

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



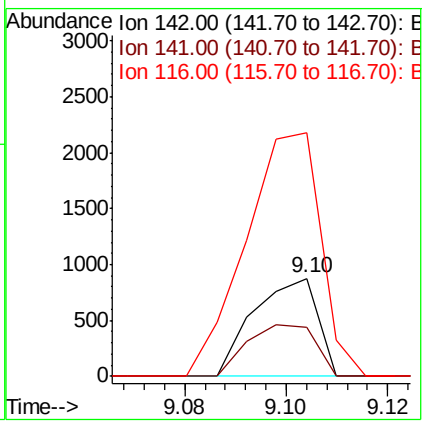


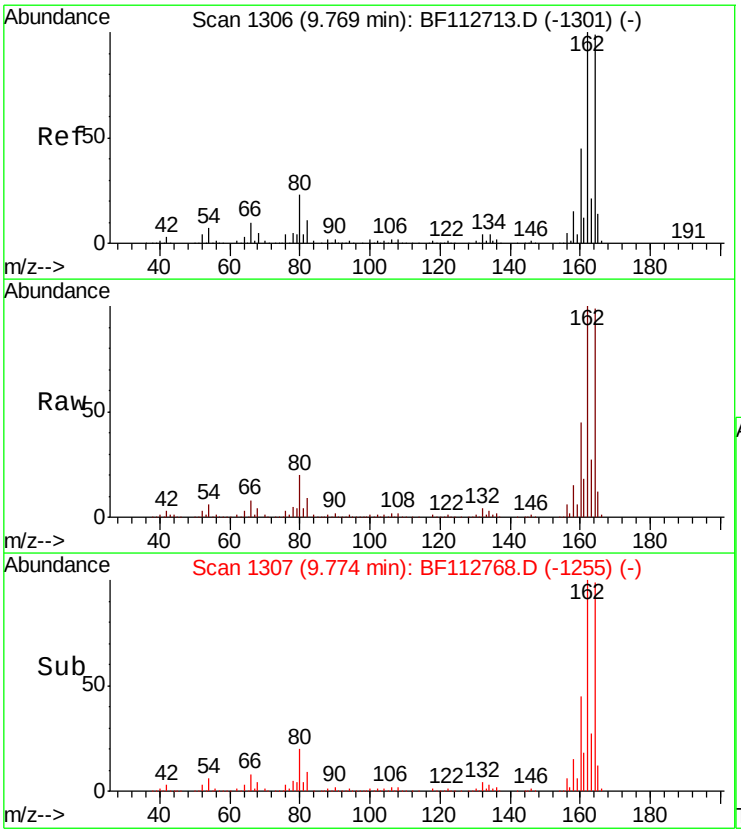
#38
1-Methylnaphthalene
Concen: 0.035 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.27 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:142 Resp: 767

Ion	Ratio	Lower	Upper
142	100		
141	49.8	73.7	110.5#
116	248.8	3.1	4.7#

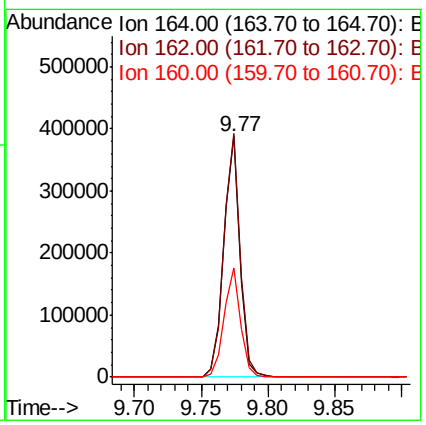


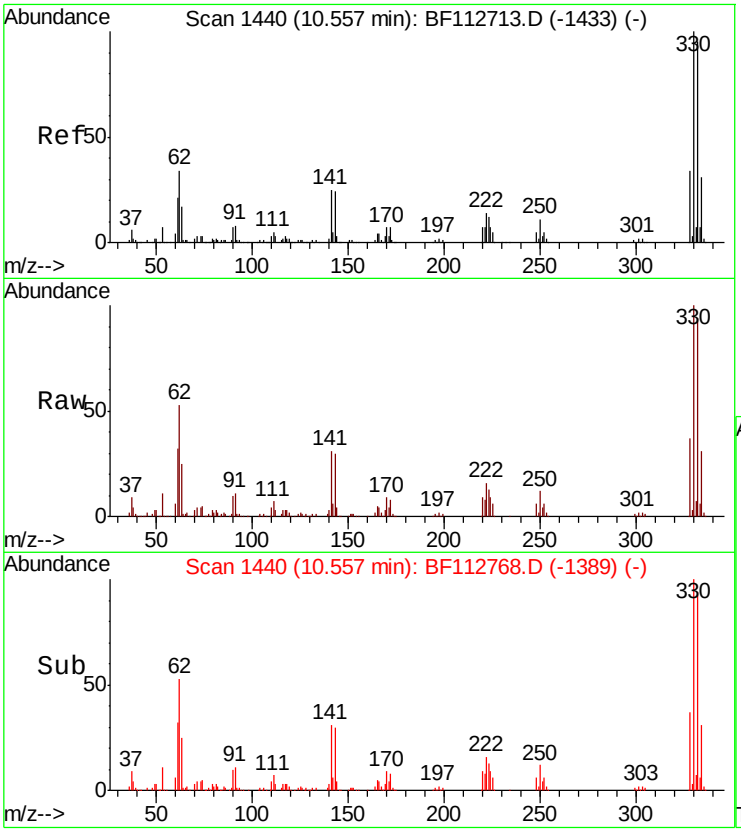


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:164 Resp: 333833

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	45.4	36.0	54.0



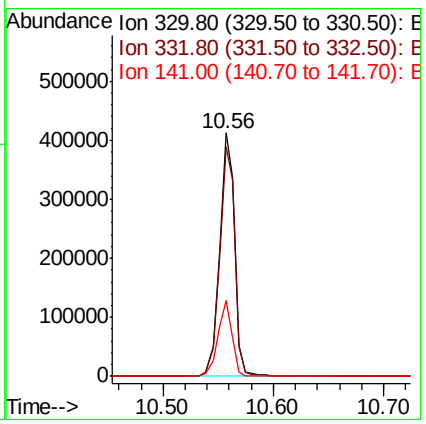


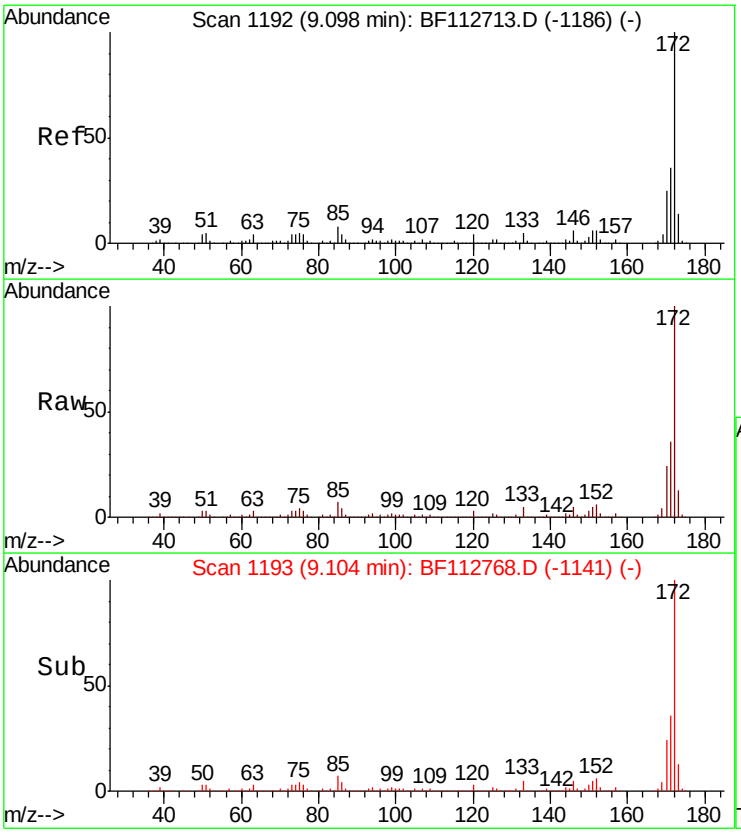
#42
2,4,6-Tribromophenol
Concen: 109.141 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:330 Resp: 386802

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.4
141	29.7	27.0	40.6

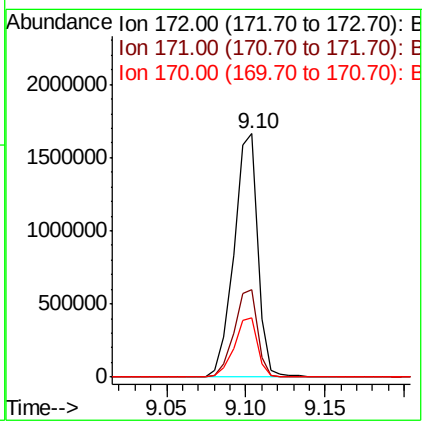


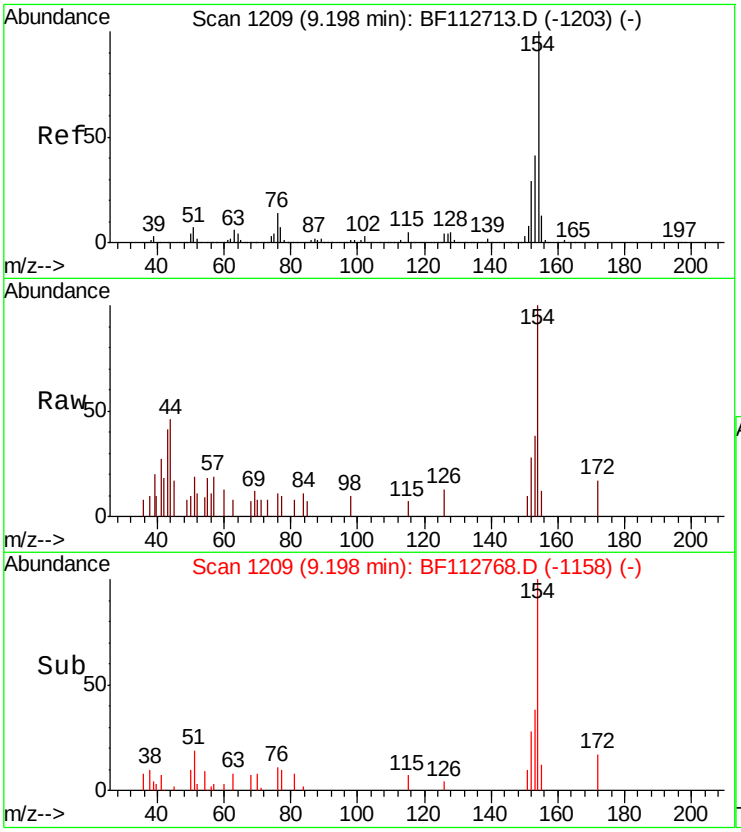


#45
2-Fluorobiphenyl
Concen: 89.664 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:172 Resp: 1730122

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.2	20.0	30.0



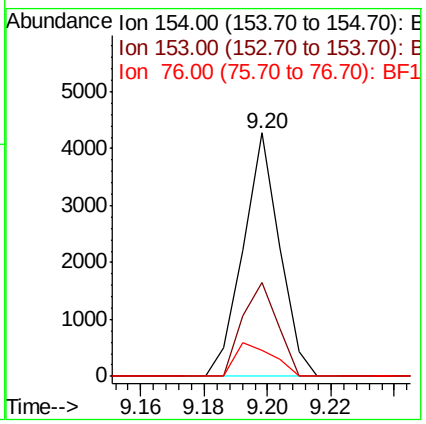


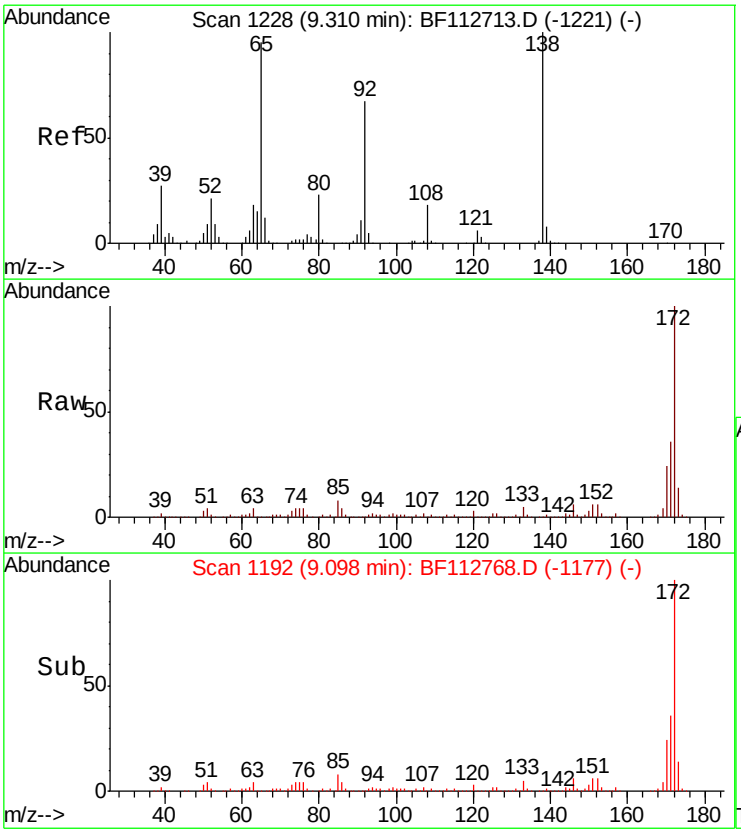
#46
1,1'-Biphenyl
Concen: 0.126 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:154 Resp: 3421

Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.8	60.8
76	10.8	0.0	33.8

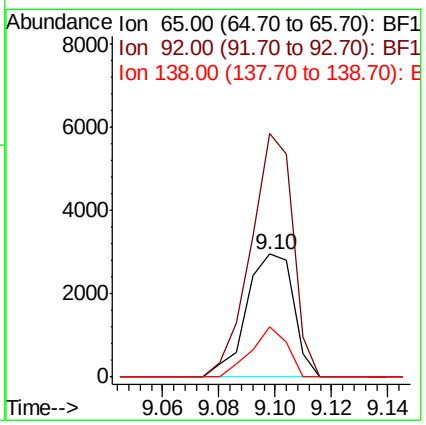


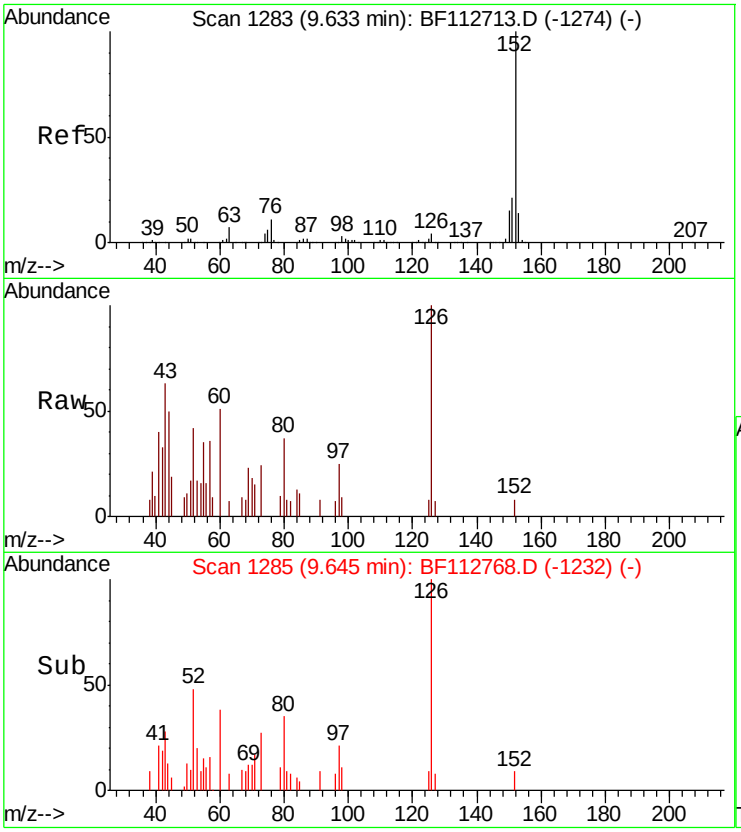


#48
2-Nitroaniline
Concen: 0.528 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.21 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion: 65 Resp: 3415

Ion	Ratio	Lower	Upper
65	100		
92	198.5	56.4	84.6#
138	40.6	84.6	126.8#



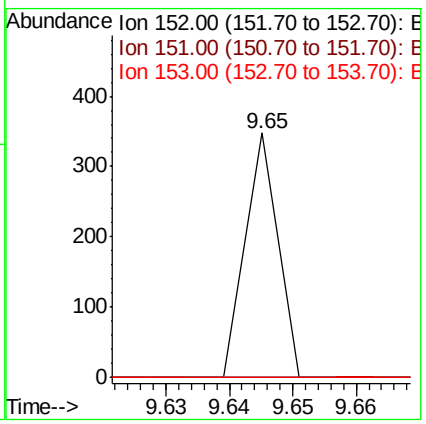


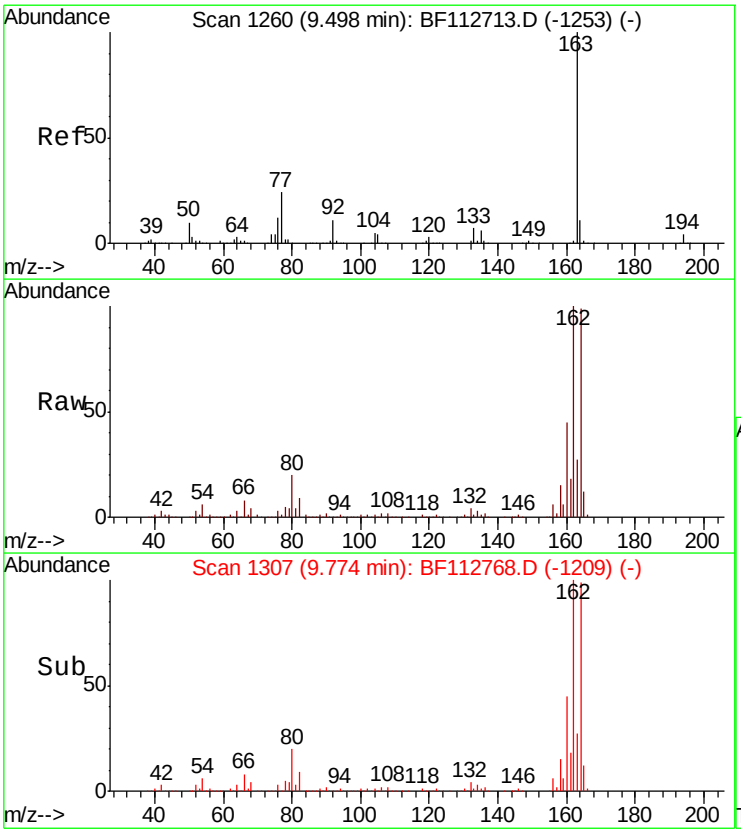
#49
Acenaphthylene
Concen: 0.003 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:152 Resp: 123

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.9	25.3#
153	0.0	11.0	16.6#

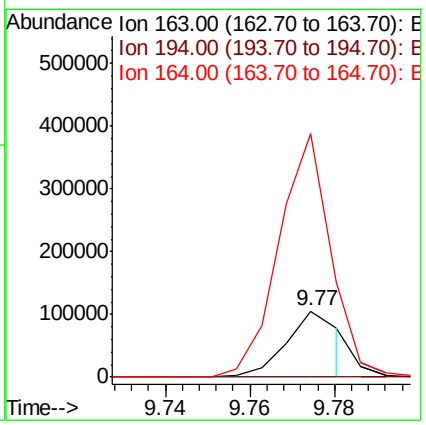


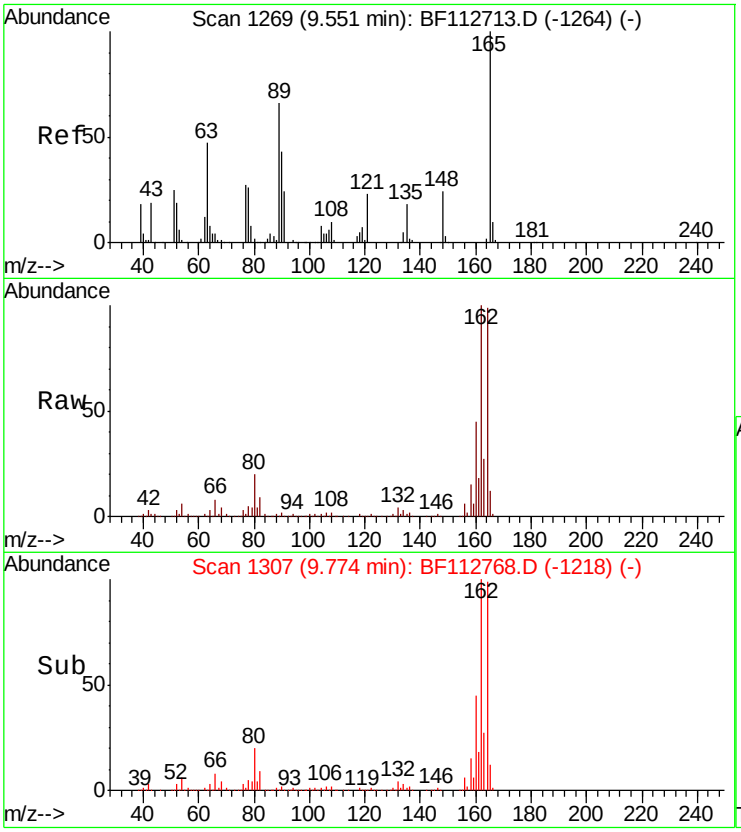


#50
Dimethylphthalate
Concen: 3.646 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.28 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:163 Resp: 89739

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	367.7	8.4	12.6#



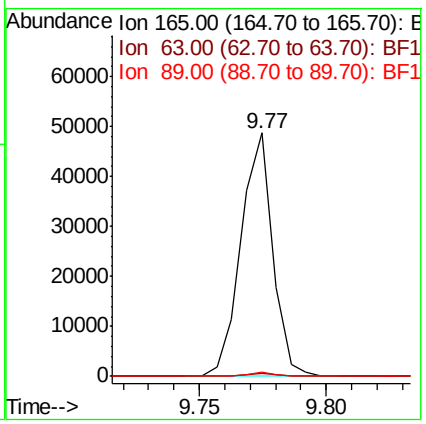


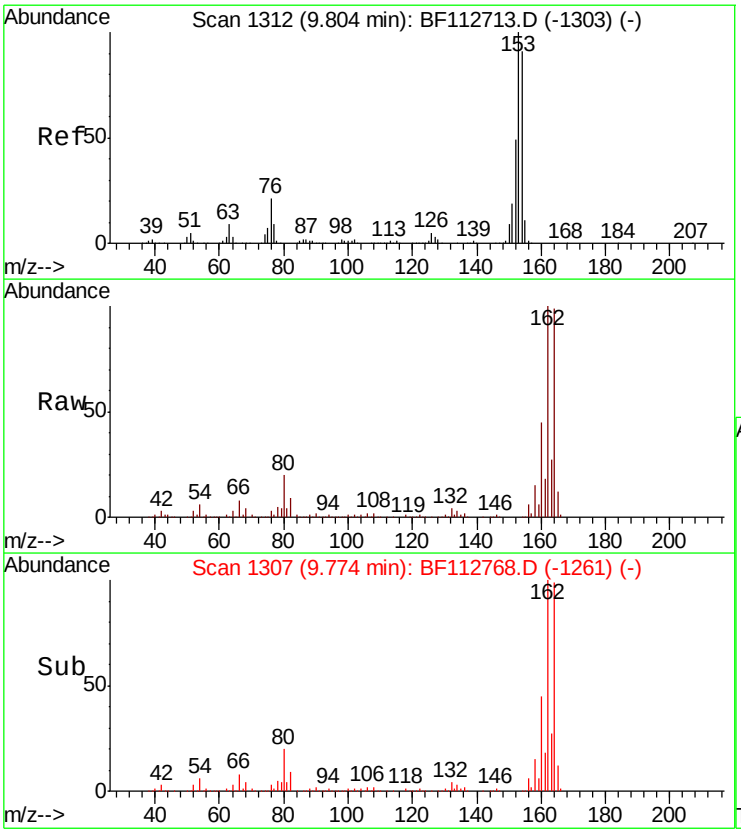
#51
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:165 Resp: 42490

Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.6	52.8	79.2#

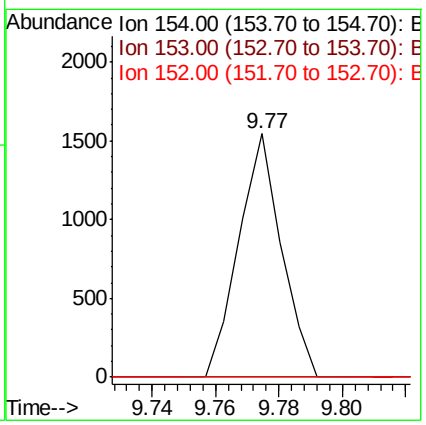


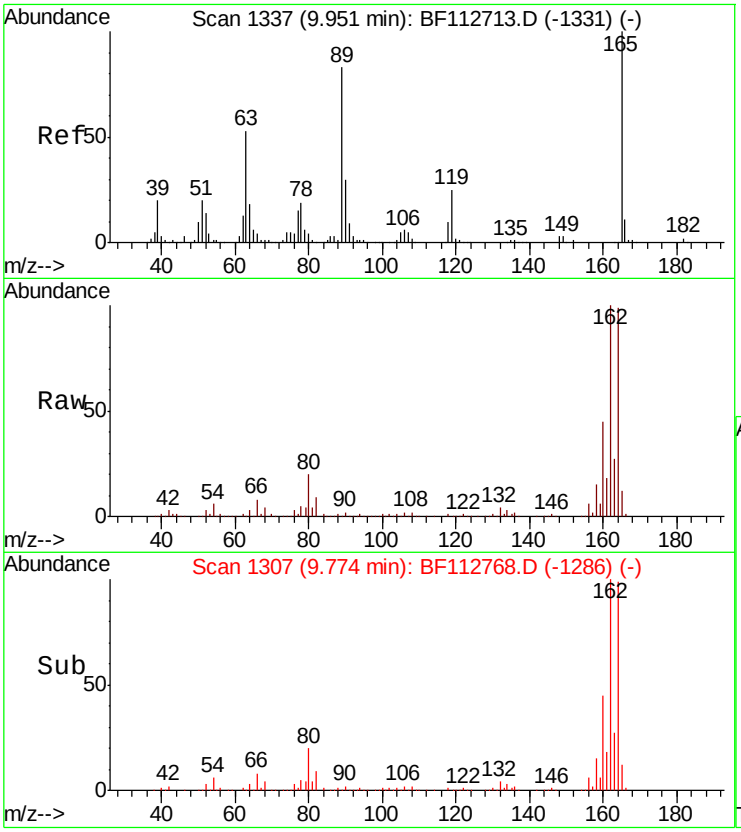


#52
Acenaphthene
Concen: 0.068 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:154 Resp: 1444

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.8#
152	0.0	43.0	64.6#



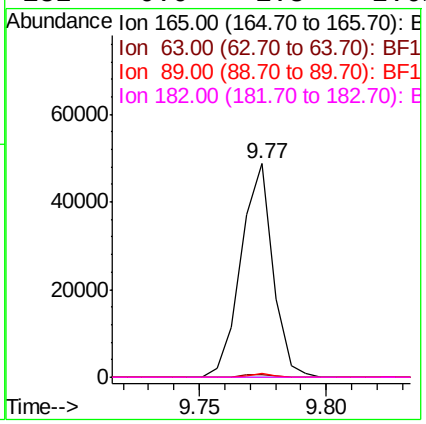


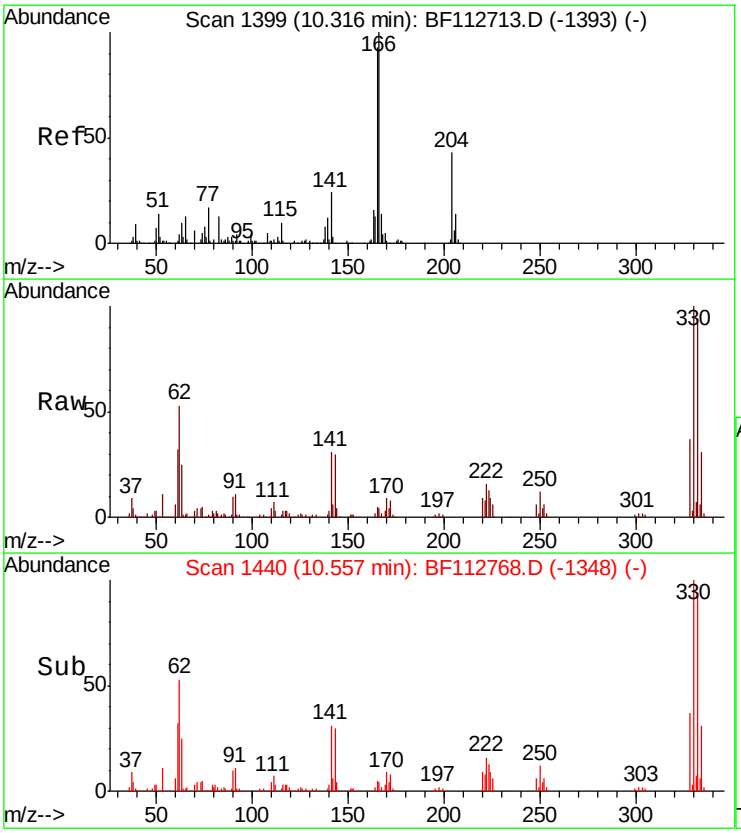
#57
2,4-Dinitrotoluene
Concen: 6.669 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument : BNA_F
ClientSampleId : PB117468BL

Tgt Ion:165 Resp: 42490

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

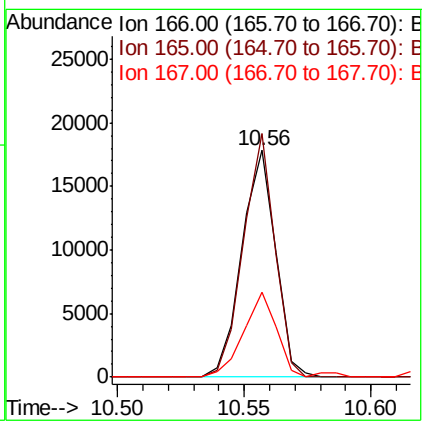


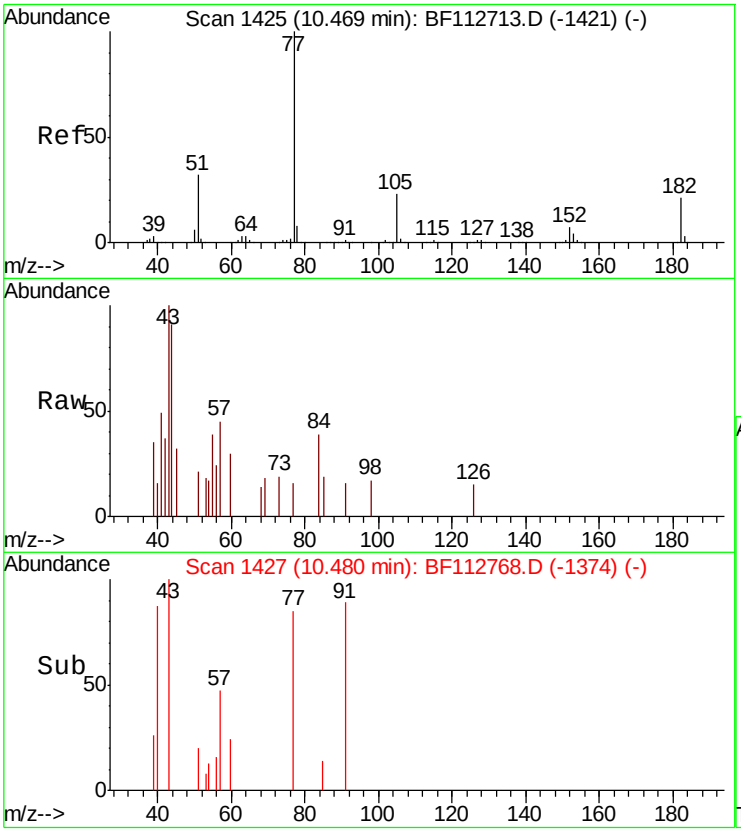


#58
Fluorene
Concen: 0.761 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:166 Resp: 16574

Ion	Ratio	Lower	Upper
166	100		
165	107.5	74.7	112.1
167	37.7	11.0	16.6#



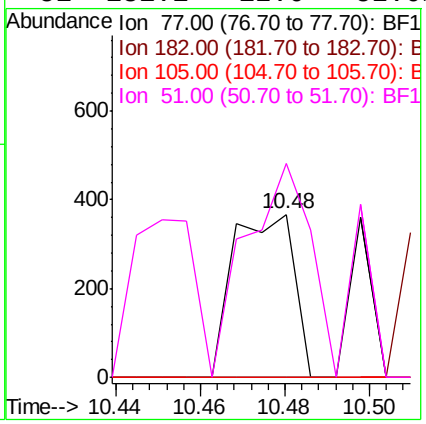


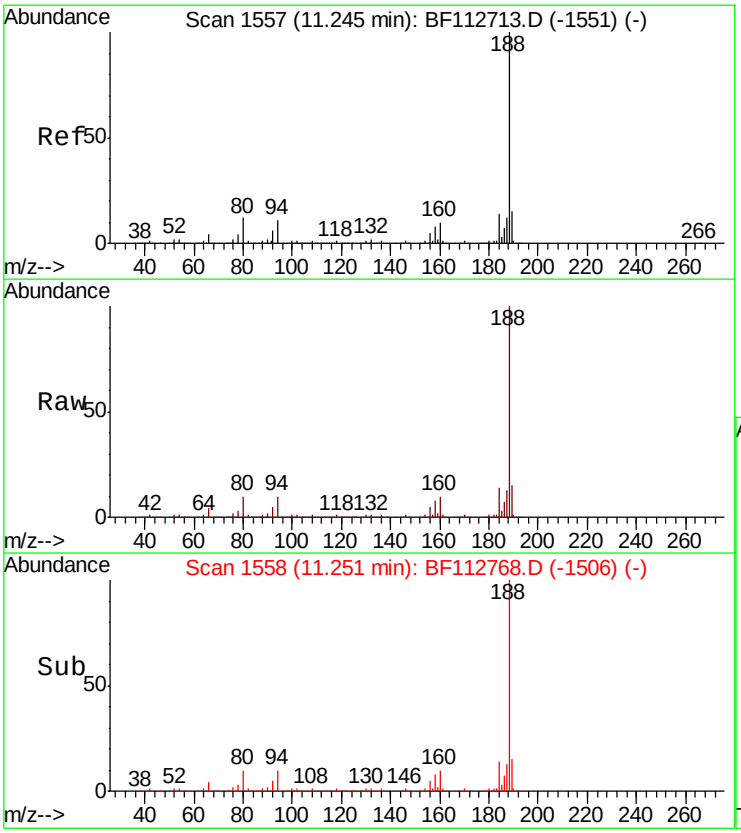
#63
Azobenzene
Concen: 0.014 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion: 77 Resp: 367

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.4	41.4#
105	0.0	2.6	42.6#
51	131.1	12.0	52.0#

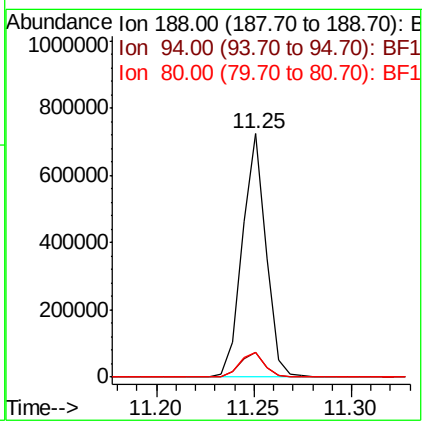


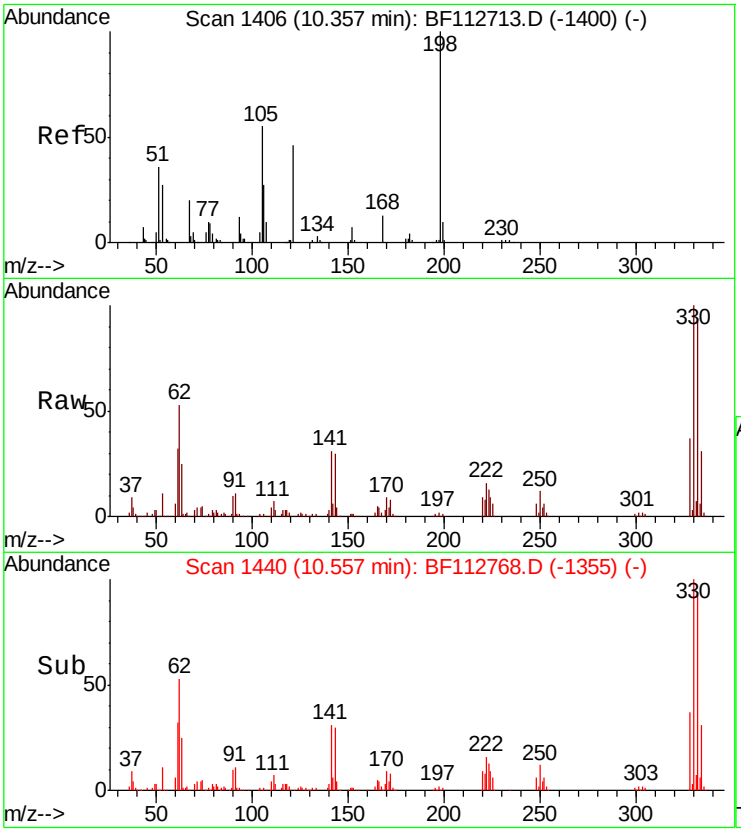


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:188 Resp: 606236

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.1	9.2	13.8



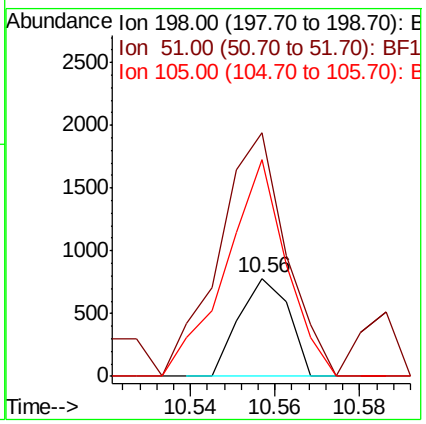


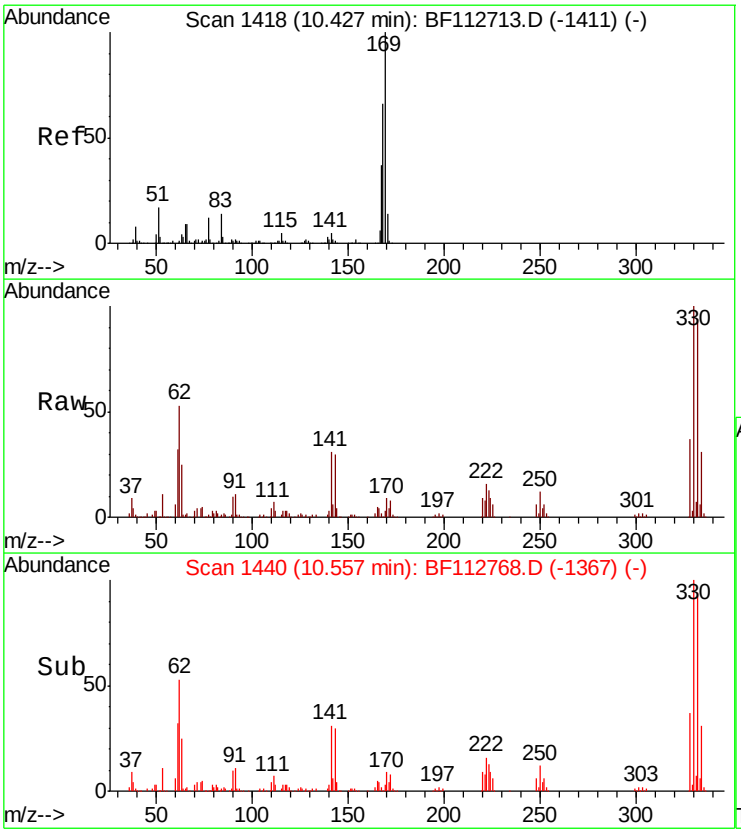
#65
4,6-Dinitro-2-methylphenol
Concen: 4.845 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.20 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:198 Resp: 641

Ion	Ratio	Lower	Upper
198	100		
51	248.4	43.8	83.8#
105	221.5	36.5	76.5#

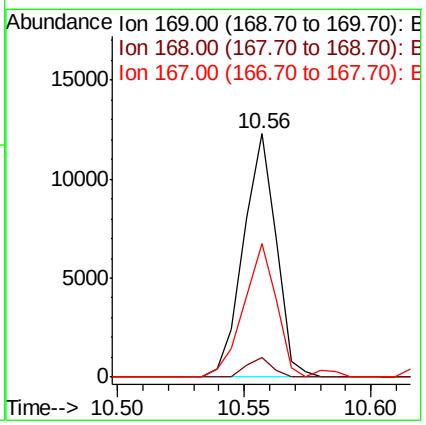


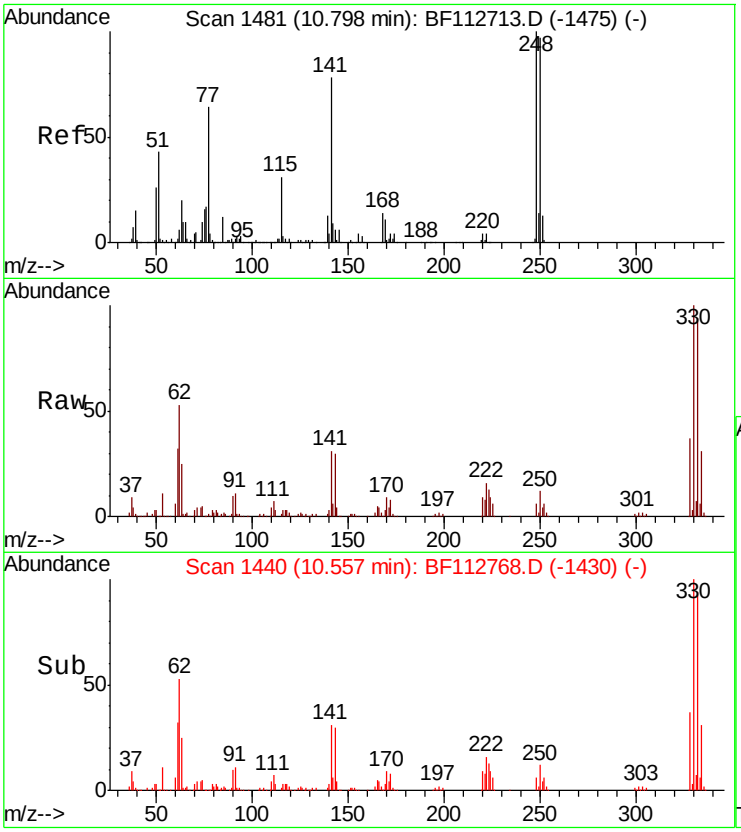


#66
n-Nitrosodiphenylamine
Concen: 0.568 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.13 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:169 Resp: 11051

Ion	Ratio	Lower	Upper
169	100		
168	8.2	53.0	79.6#
167	54.7	29.3	43.9#



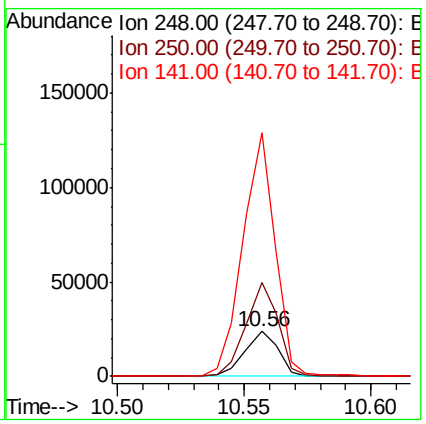


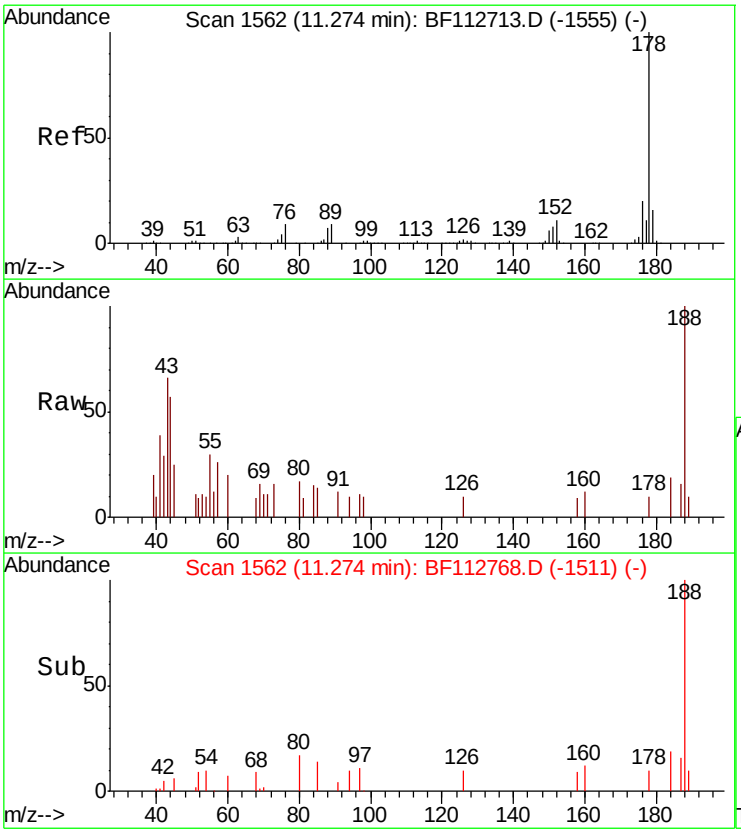
#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:248 Resp: 22138

Ion	Ratio	Lower	Upper
248	100		
250	209.2	77.5	116.3#
141	541.2	62.4	93.6#

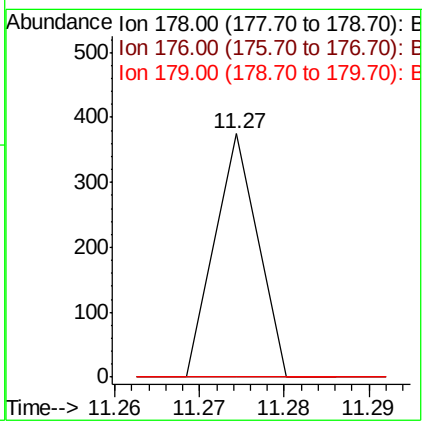


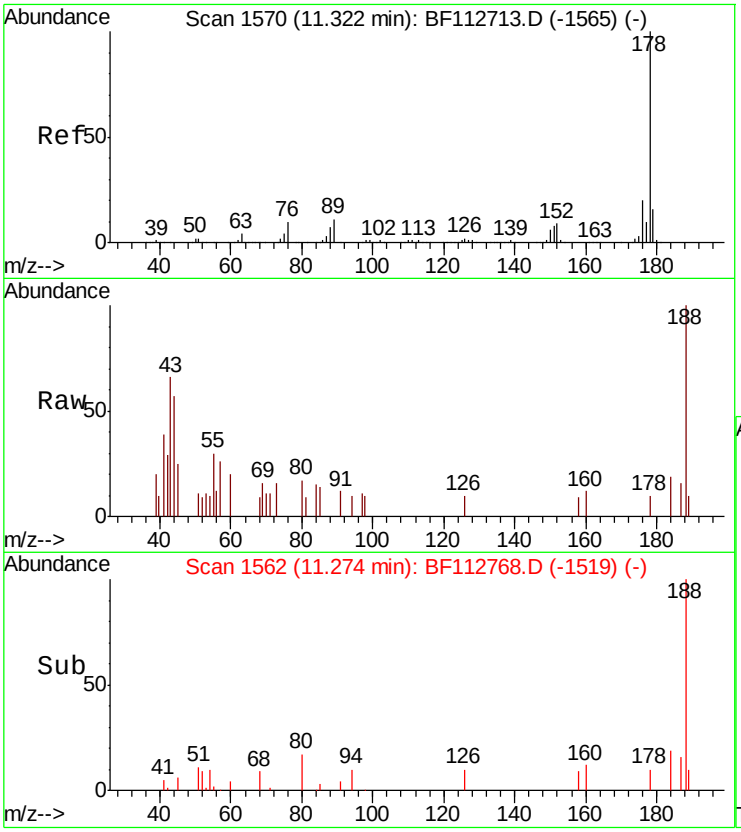


#71
Phenanthrene
Concen: 0.004 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:178 Resp: 132

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.3	24.5#
179	0.0	12.7	19.1#



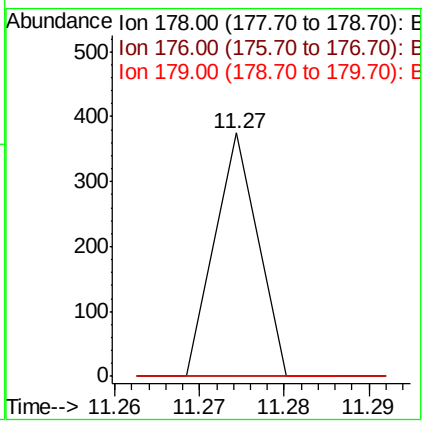


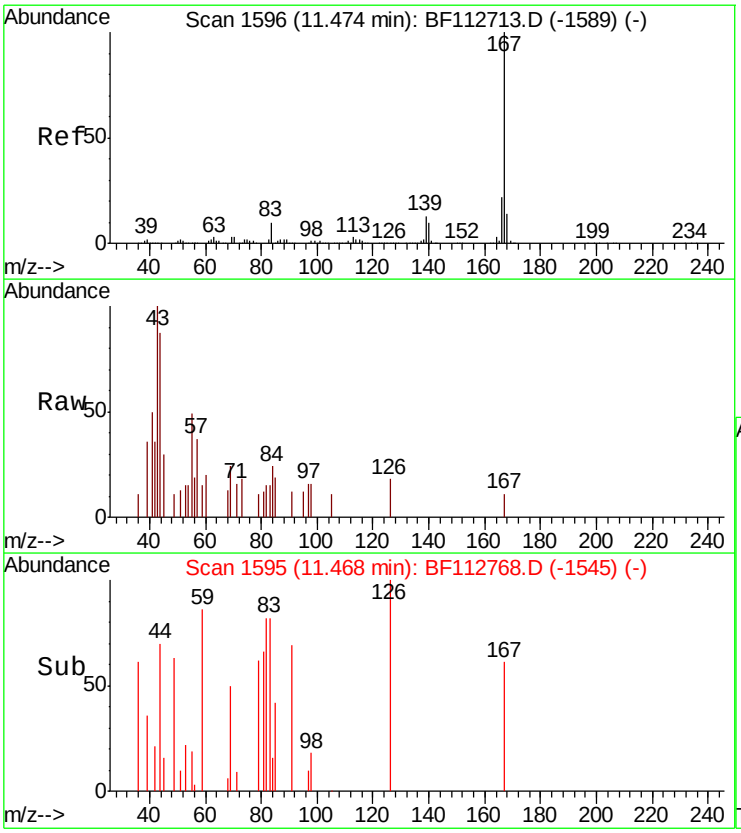
#72
Anthracene
Concen: 0.004 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.05 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:178 Resp: 132

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	13.0	19.6#

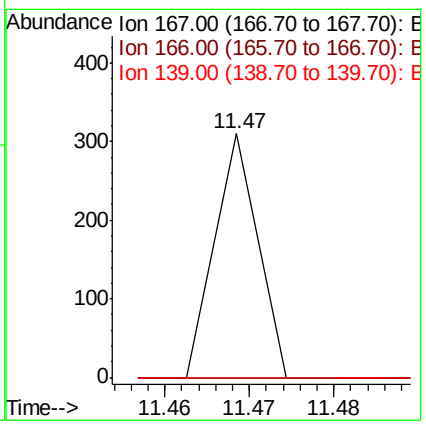


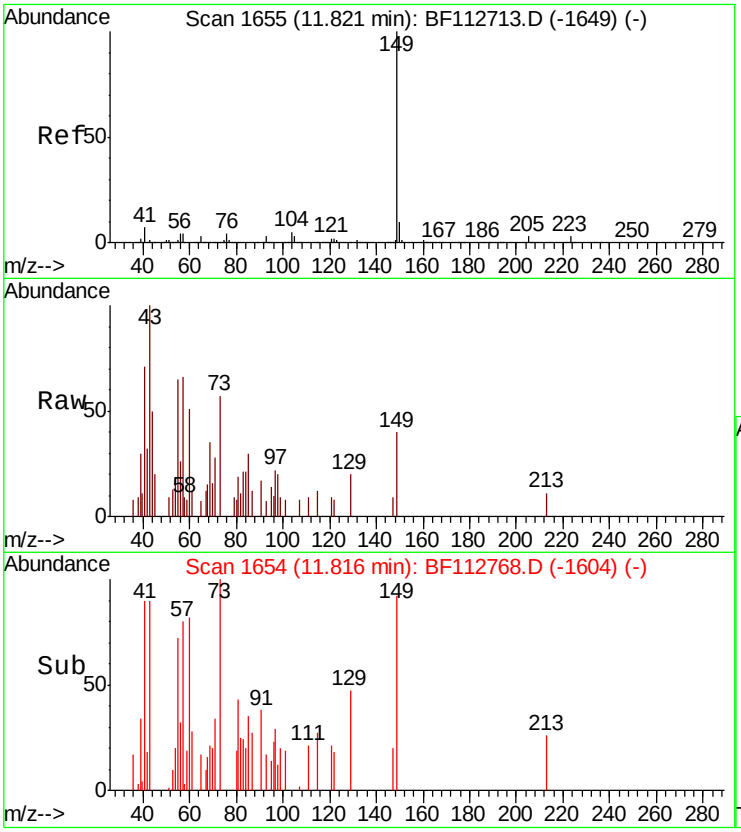


#73
Carbazole
Concen: 0.004 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:167 Resp: 109

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.5	26.3#
139	0.0	10.8	16.2#



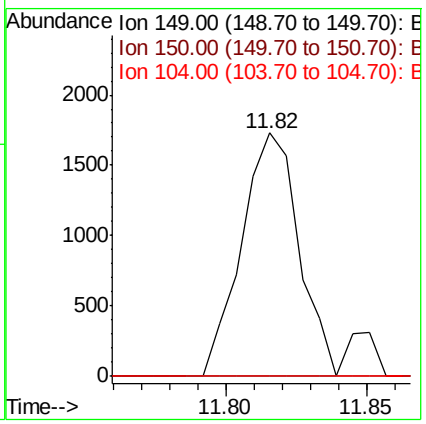


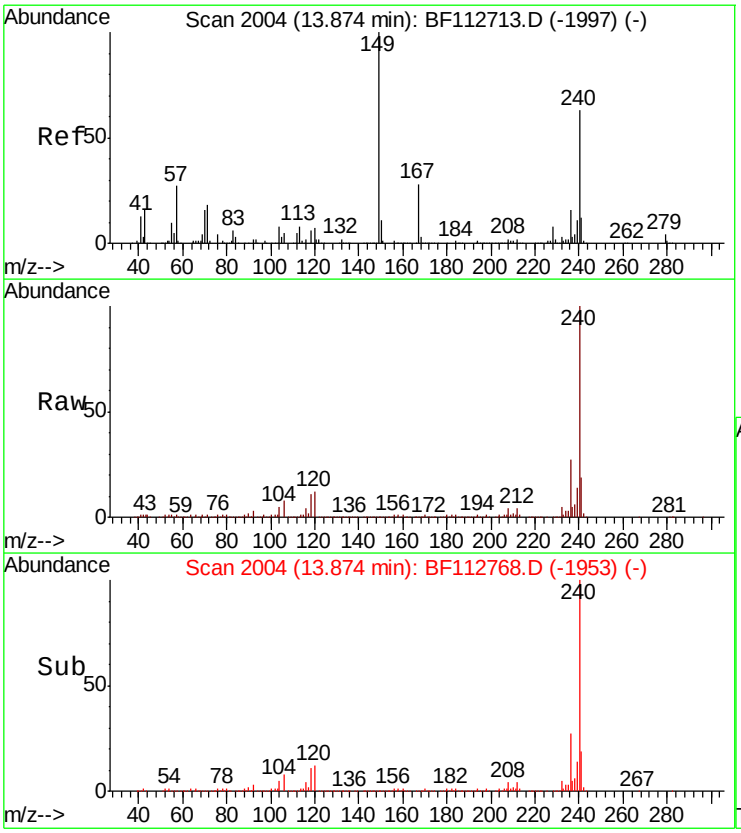
#74
Di-n-butylphthalate
Concen: 0.066 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:149 Resp: 2440

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.6	11.4#
104	0.0	3.7	5.5#

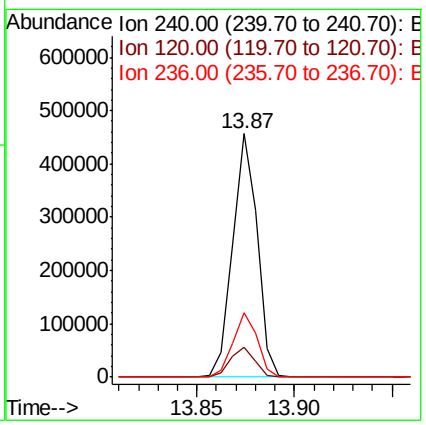


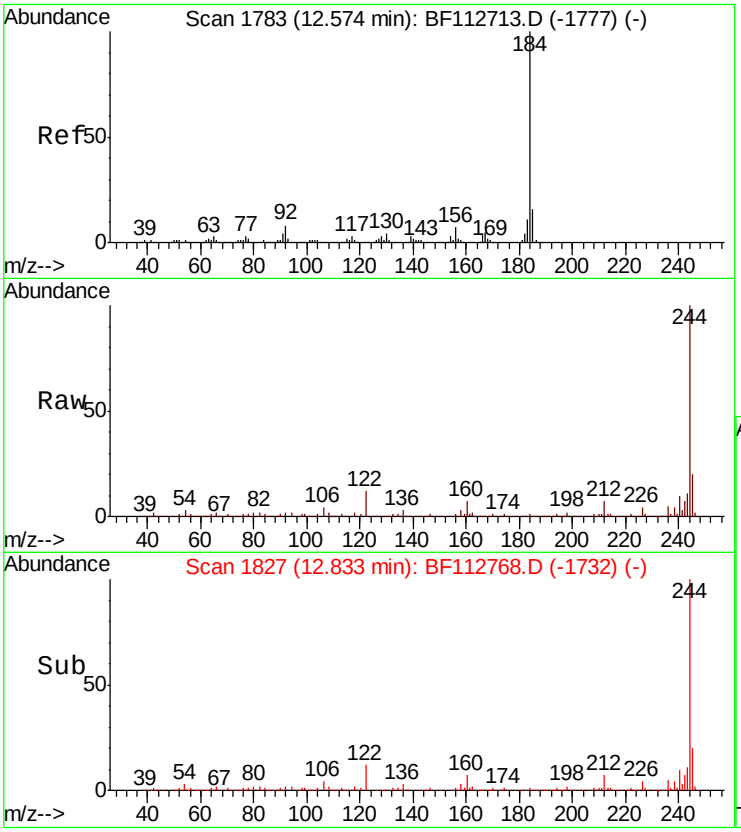


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:240 Resp: 398196

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.7	20.7	31.1



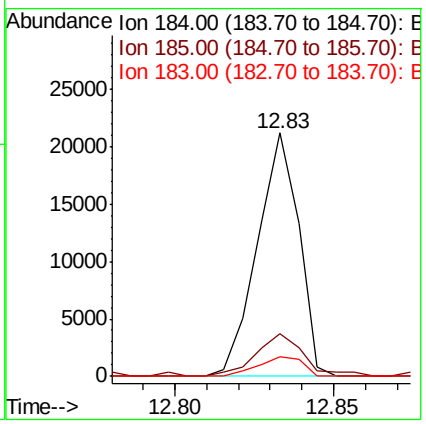


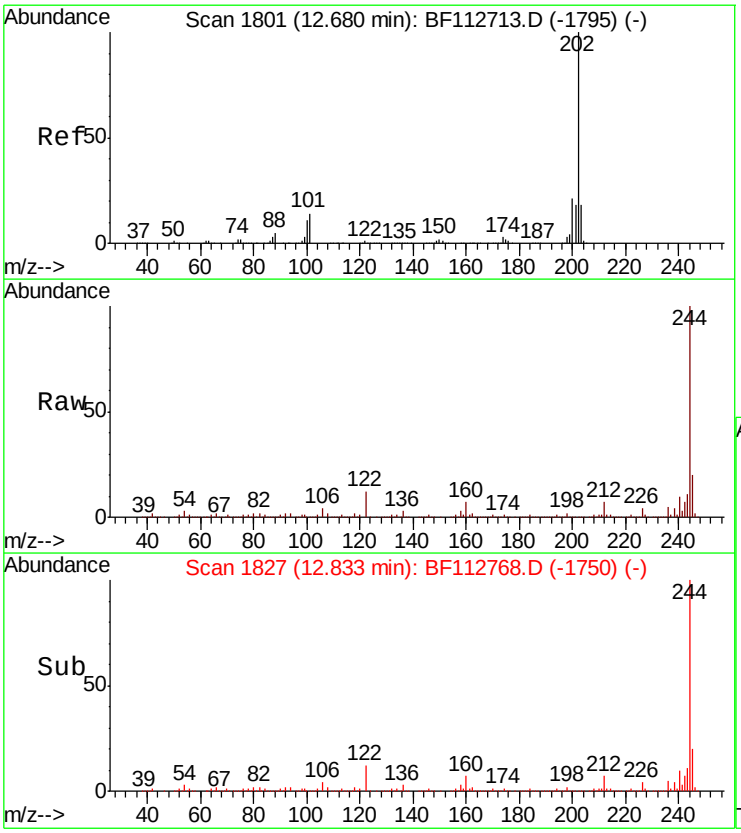
#77
Benzidine
Concen: 0.935 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.26 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:184 Resp: 19311

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	8.1	8.6	12.8#

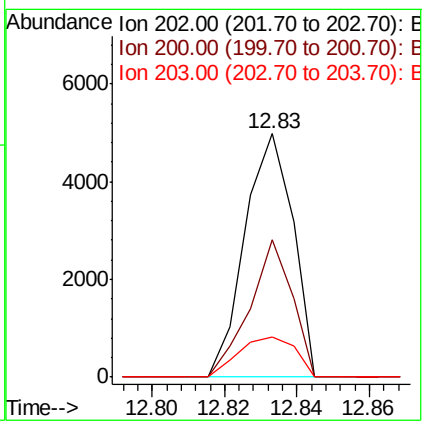


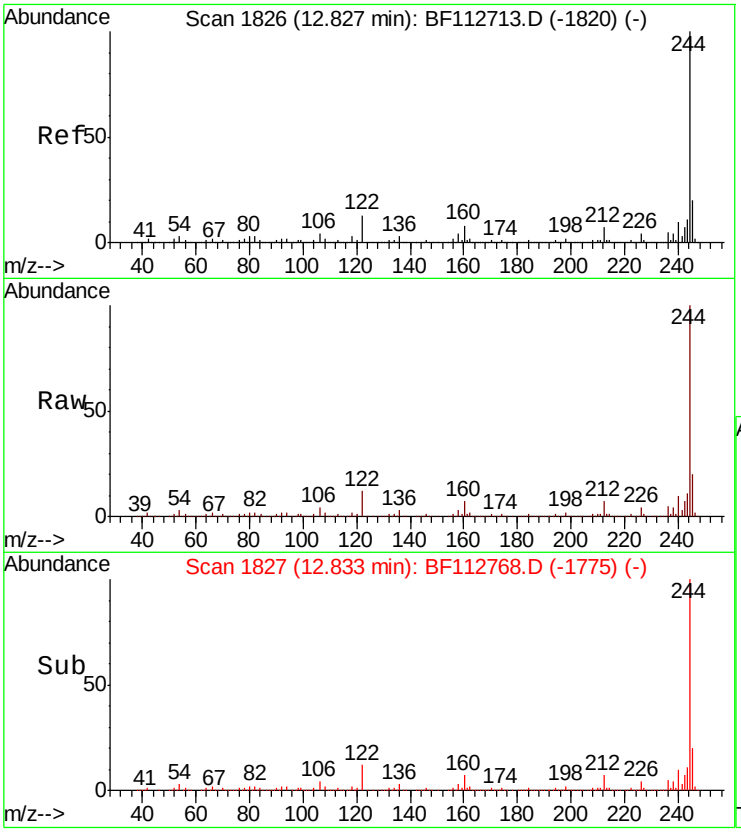


#78
Pyrene
Concen: 0.136 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.15 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:202 Resp: 4569

Ion	Ratio	Lower	Upper
202	100		
200	56.4	17.0	25.4#
203	16.4	14.4	21.6



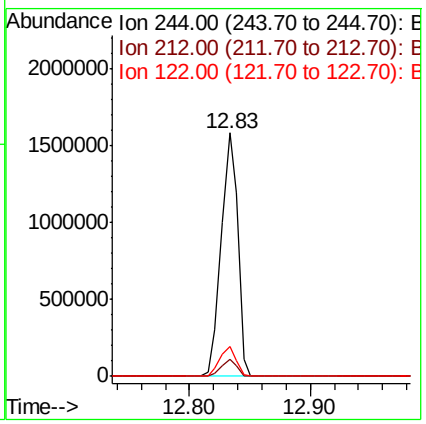


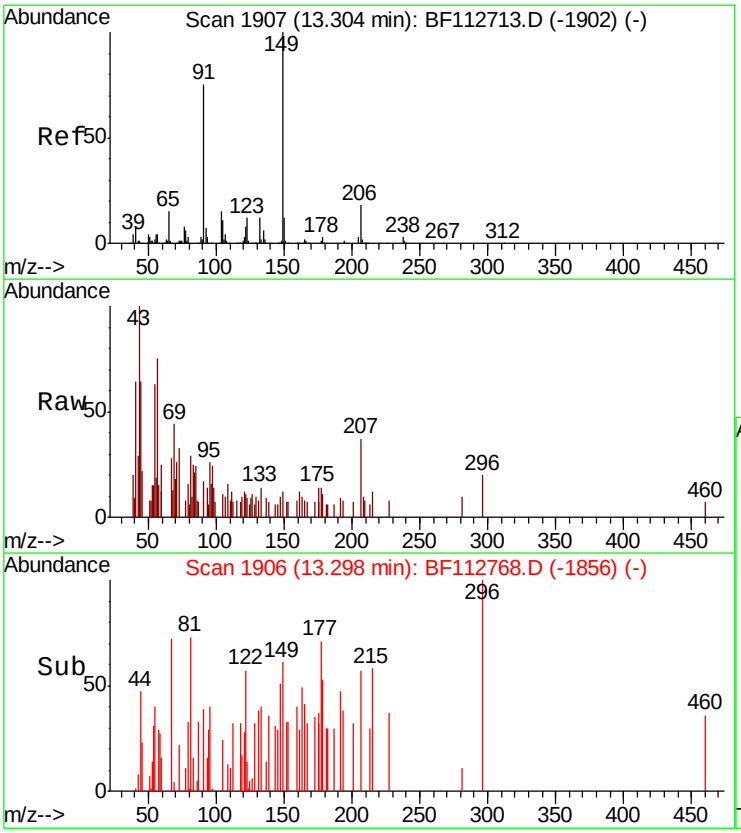
#79
Terphenyl-d14
Concen: 72.679 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:244 Resp: 1492933

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.4	10.5	15.7

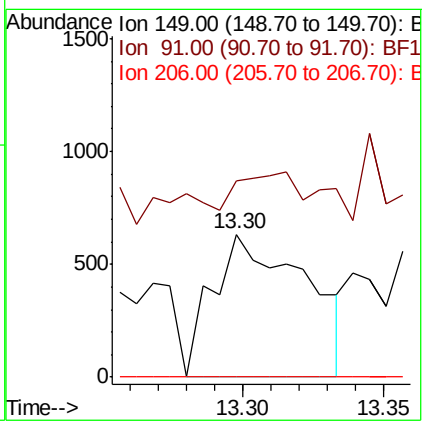


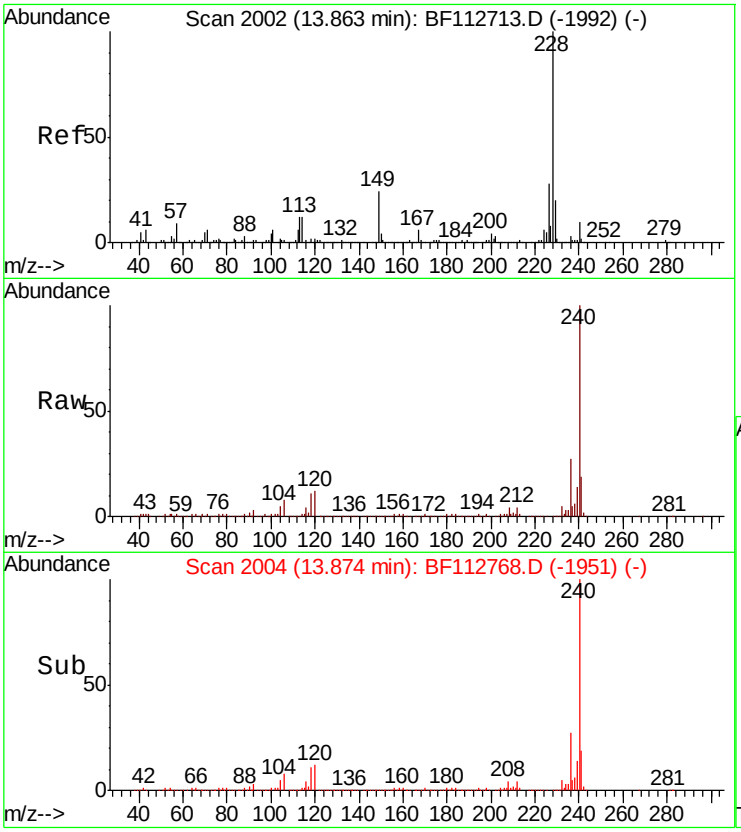


#80
Butylbenzylphthalate
Concen: 0.098 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:149 Resp: 1449

Ion	Ratio	Lower	Upper
149	100		
91	137.8	59.9	89.9#
206	0.0	14.7	22.1#



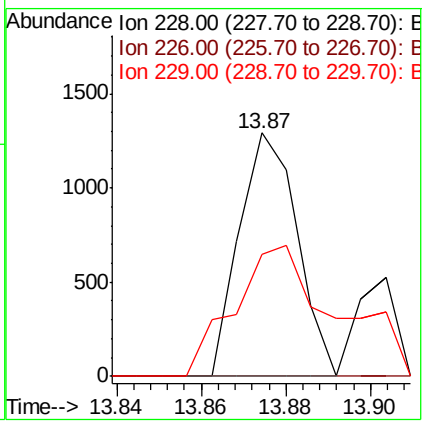


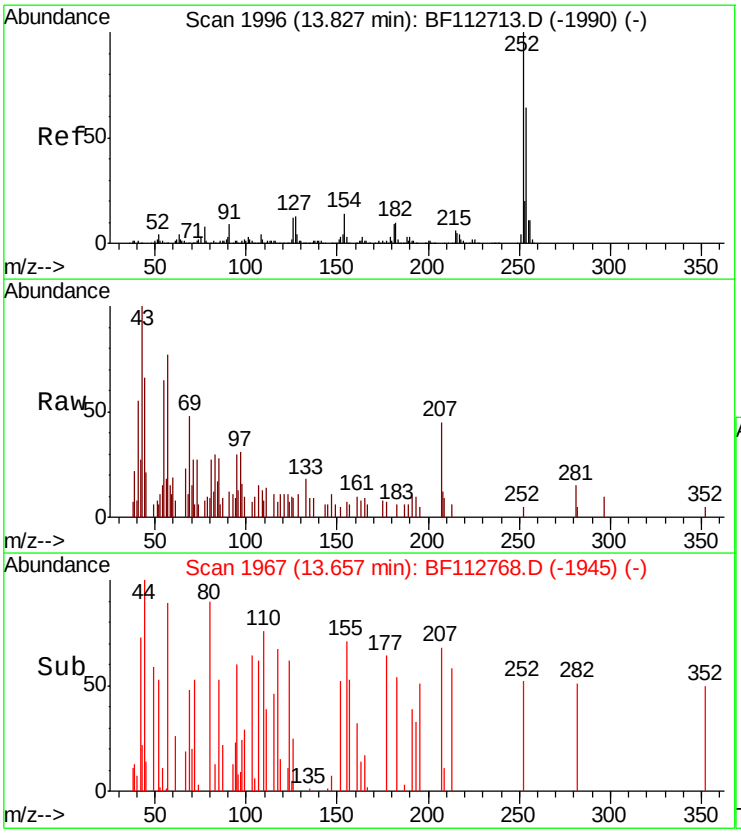
#81
Benzo(a)anthracene
Concen: 0.044 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:228 Resp: 1226

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	50.1	16.0	24.0#

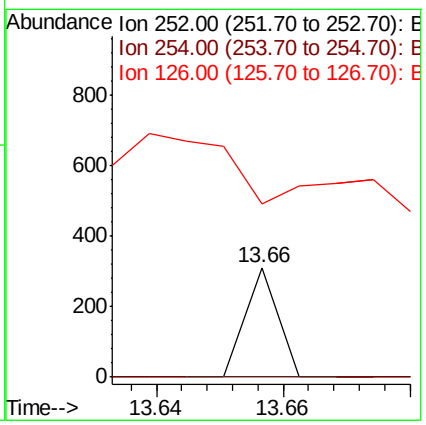


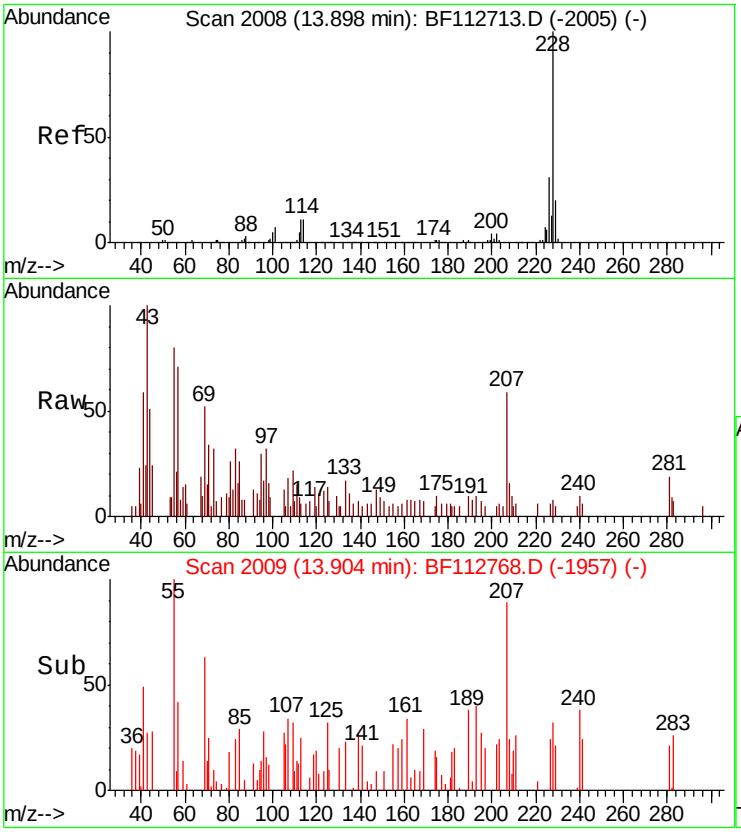


#82
3,3'-Dichlorobenzidine
Concen: 0.010 ng
RT: 13.66 min Scan# 1967
Delta R.T. -0.17 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:252 Resp: 109

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	158.7	9.9	14.9#



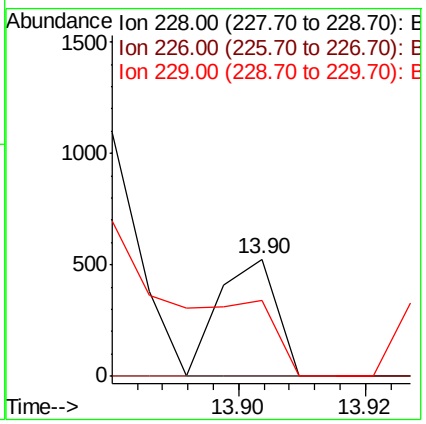


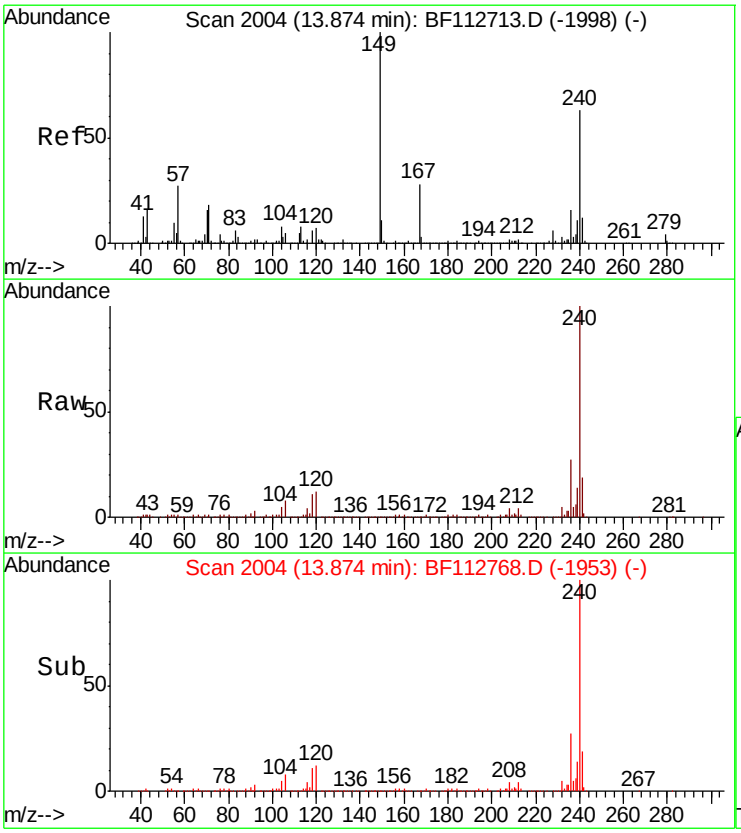
#83
Chrysene
Concen: 0.012 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:228 Resp: 331

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	64.3	16.3	24.5#

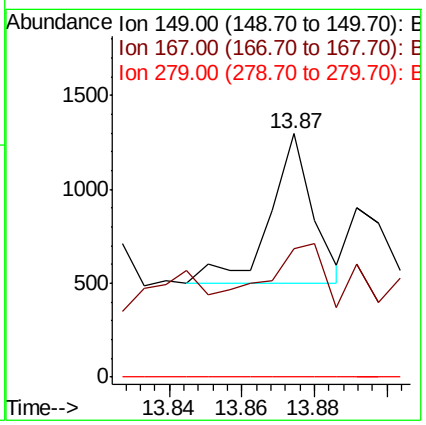


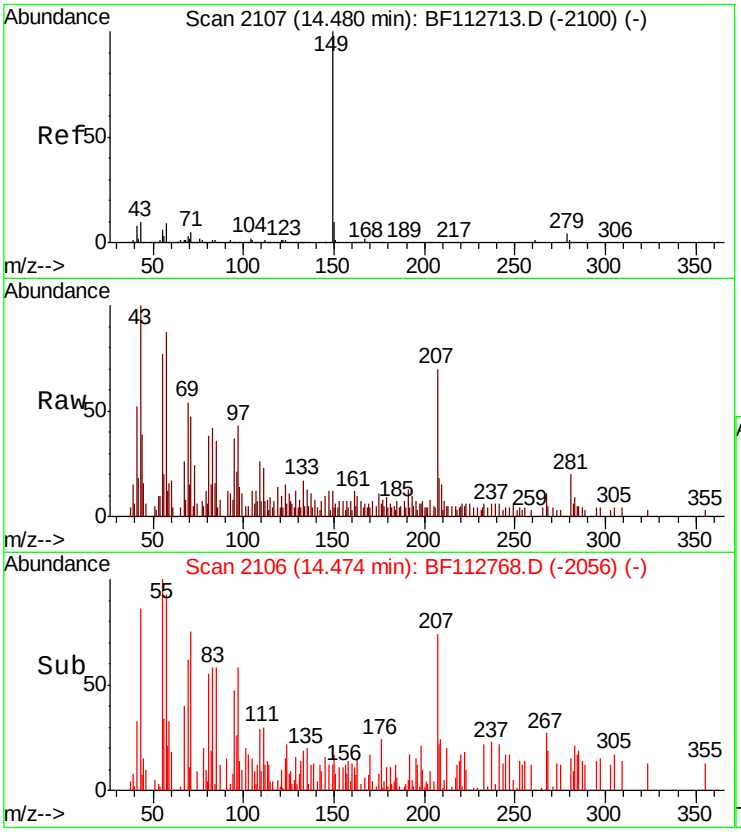


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:149 Resp: 650

Ion	Ratio	Lower	Upper
149	100		
167	53.0	22.4	33.6#
279	0.0	3.3	4.9#



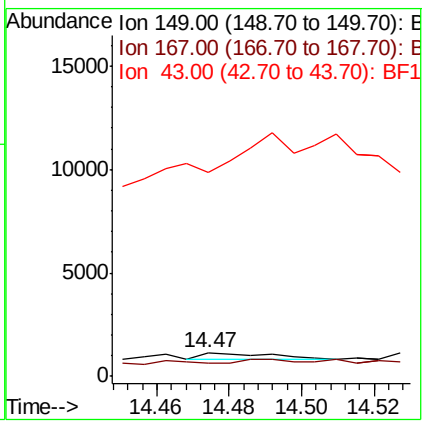


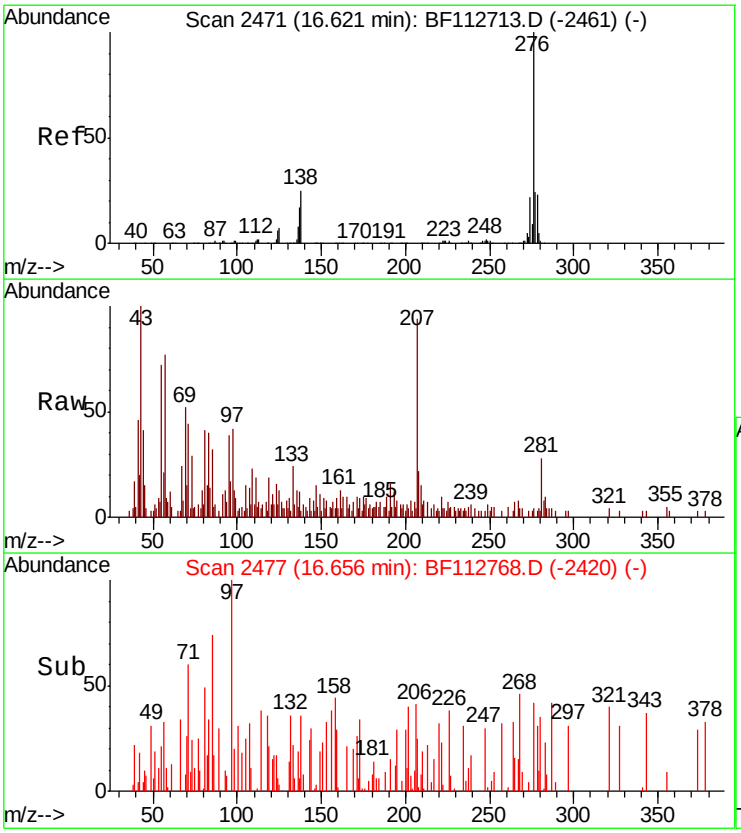
#85
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:149 Resp: 442

Ion	Ratio	Lower	Upper
149	100		
167	40.3	1.2	1.8#
43	1110.4	9.0	13.4#

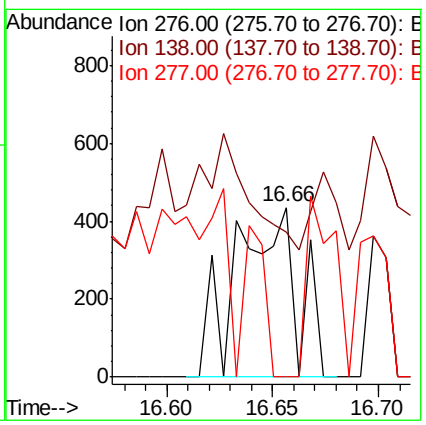


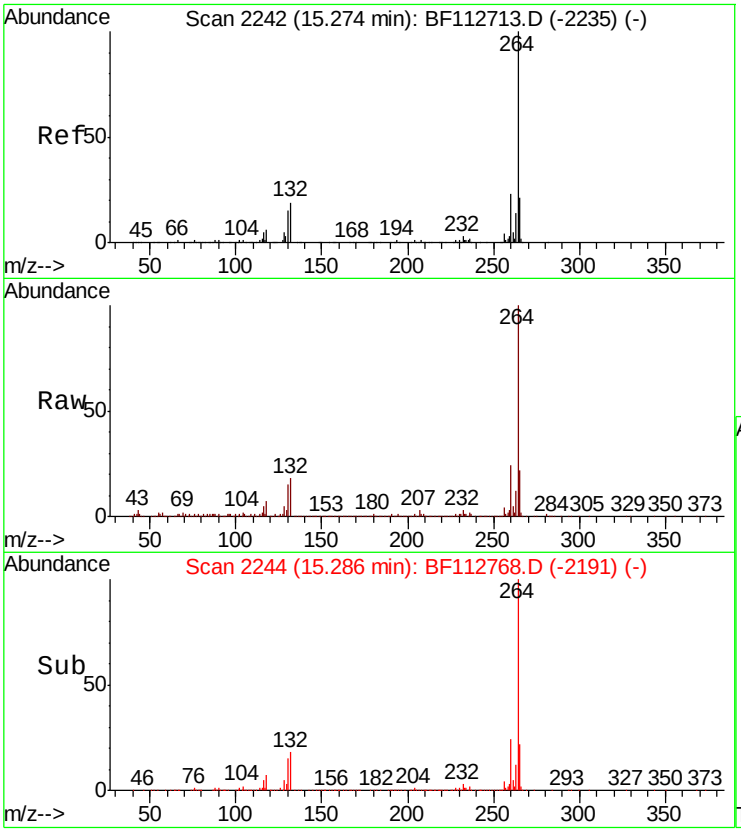


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:276 Resp: 878

Ion	Ratio	Lower	Upper
276	100		
138	17.1	23.2	34.8#
277	47.6	19.9	29.9#



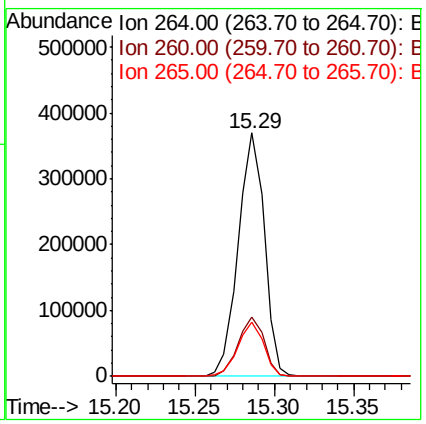


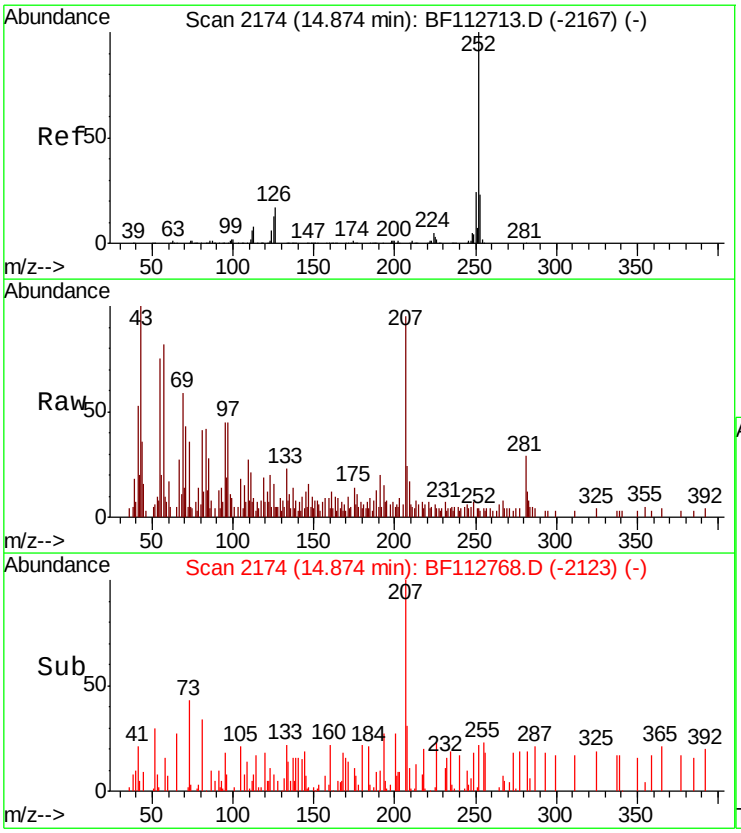
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:264 Resp: 423734

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.1	17.2	25.8

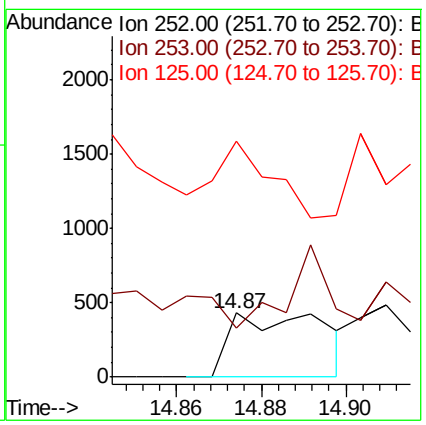


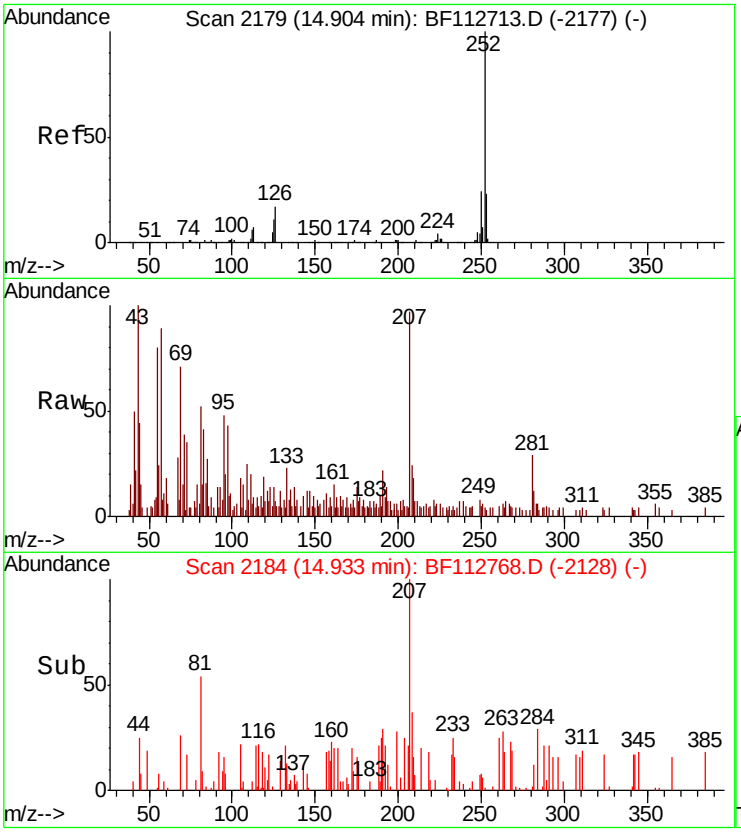


#88
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:252 Resp: 658

Ion	Ratio	Lower	Upper
252	100		
253	75.9	18.0	27.0#
125	369.1	10.2	15.2#



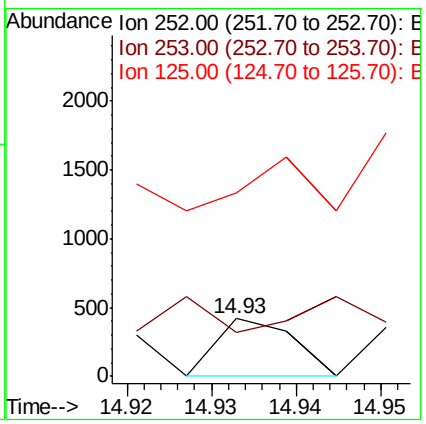


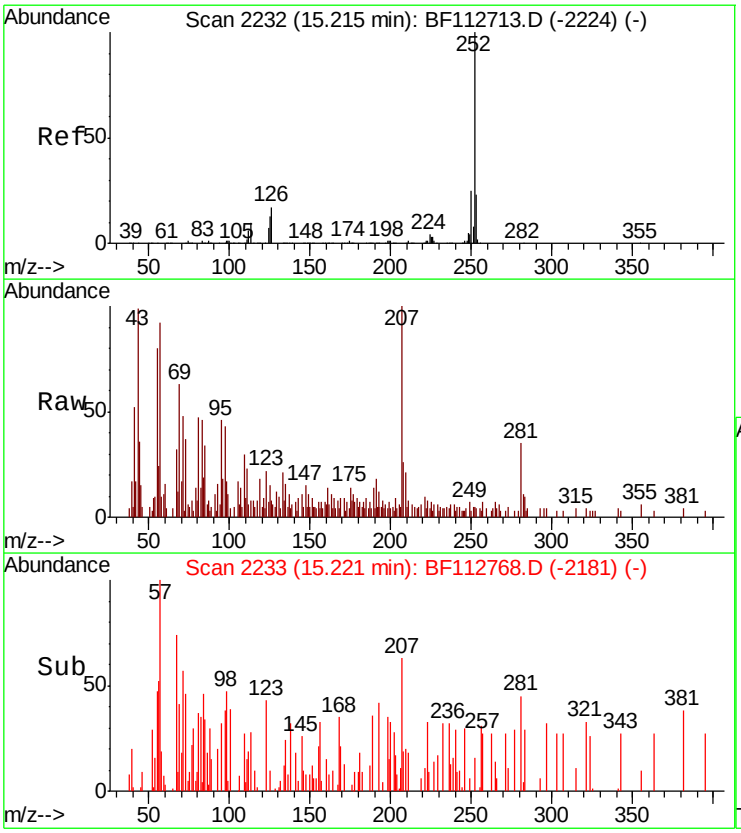
#89
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.03 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:252 Resp: 264

Ion	Ratio	Lower	Upper
252	100		
253	75.1	18.2	27.2#
125	317.1	9.8	14.6#

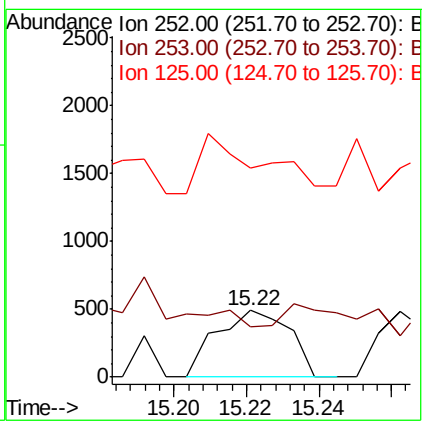


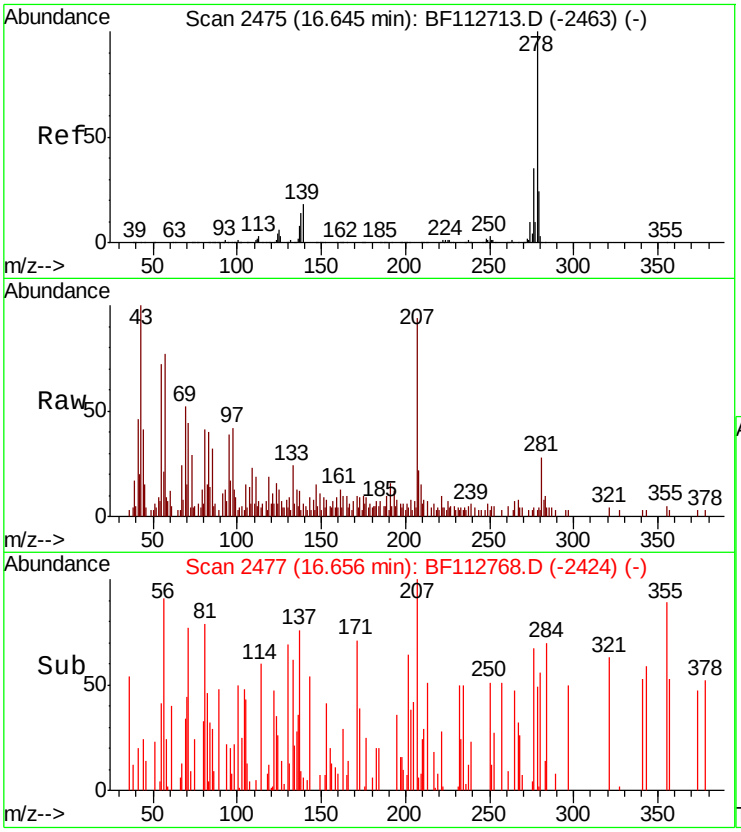


#90
Benzo(a)pyrene
Concen: 0.028 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:252 Resp: 681

Ion	Ratio	Lower	Upper
252	100		
253	76.3	18.0	27.0#
125	316.0	10.7	16.1#



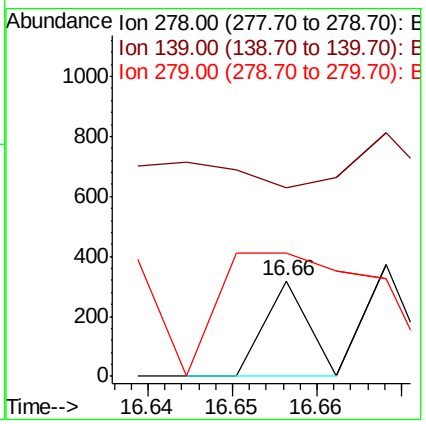


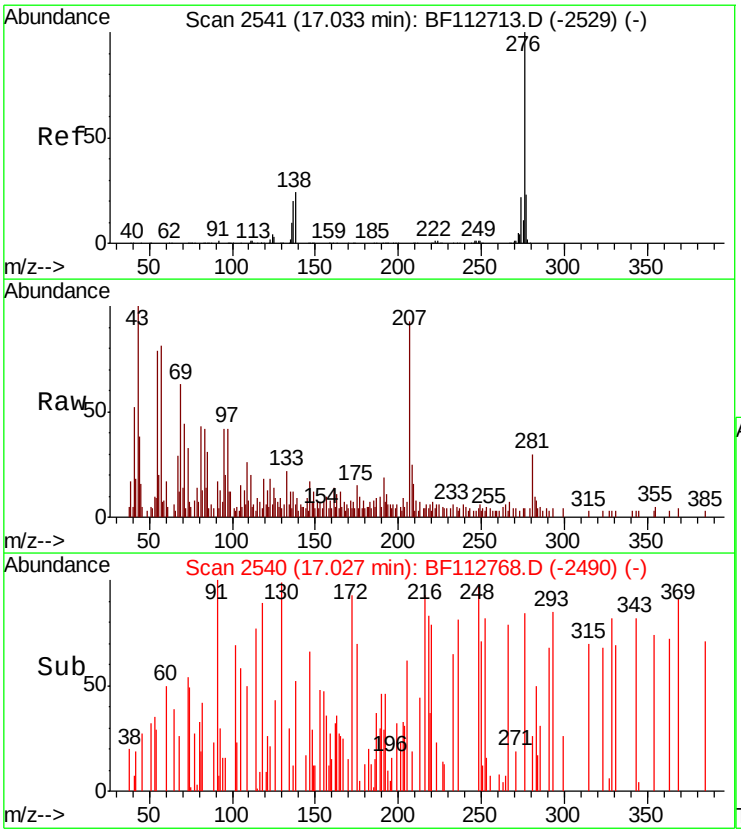
#91
Dibenzo(a,h)anthracene
Concen: 0.005 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Instrument :
BNA_F
ClientSampleId :
PB117468BL

Tgt Ion:278 Resp: 112

Ion	Ratio	Lower	Upper
278	100		
139	197.8	14.3	21.5#
279	129.2	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.006 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF112768.D
Acq: 28 Feb 2019 18:35

Tgt Ion:276 Resp: 131

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	184.3	19.4	29.0#