Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Time: Feb 28 02:06:34 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	6.74	152	188812	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	678458	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	291083	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	587282	20.00	ng		0.00
76) Chrysene-d12	13.87	240	533958	20.00	ng		0.00
87) Perylene-d12	15.27	264	367407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	629586	51.87	ng		0.00
7) Phenol-d6	6.37	99	780685	51.20	ng		0.00
23) Nitrobenzene-d5	7.30	82	423634	37.36	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	181184	58.63	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	741376	36.13	ng		0.00
79) Terphenyl-d14	12.83	244	853880	31.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	207	0.034	ng	#	19
3) Pyridine	3.25	79	106	0.007	ng	#	1
4) n-Nitrosodimethylamine	3.05	42	779	0.109	ng	#	1
6) Aniline	6.38	93	541	0.026	ng	#	1
9) Benzaldehyde	6.27	77	810	0.074	ng	#	37
10) Phenol	6.37	94	16887	0.949	ng		79
11) bis(2-Chloroethyl)ether	6.50	93	1107	0.081	ng	#	1
15) Benzyl Alcohol	6.90	79	9434	0.811	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	6.81	45	127	0.006	ng	#	1
17) 2-Methylphenol	7.06	107	108	0.010	ng	#	1
18) Hexachloroethane	7.28	117	11430	2.132	ng	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	2078	0.215	ng	#	59
20) 3+4-Methylphenols	7.06	107	108	0.009	ng	#	1
22) Acetophenone	7.15	105	17632	1.111	ng	#	48
24) Nitrobenzene	7.28	77	7083	0.561	ng	#	14
25) Isophorone	7.30	82	421088	17.239	ng	#	66
27) 2,4-Dimethylphenol	7.71	122	288	0.029	ng	#	4
28) bis(2-Chloroethoxy)methane	7.77	93	362	0.024	ng	#	1
29) 2,4-Dichlorophenol	7.96	162	108	0.011	ng	#	25
30) 1,2,4-Trichlorobenzene	8.05	180	130	0.013	ng	#	1
31) Naphthalene	8.05	128	18623	0.553	ng		96
32) Benzoic acid	7.71	122	288	0.042	ng	#	24
33) 4-Chloroaniline	8.07	127	645	0.045	ng	#	1
35) Caprolactam	8.46	113	180	0.054	ng	#	1
36) 4-Chloro-3-methylphenol	8.39	107	122	0.012	ng	#	20
37) 2-Methylnaphthalene	8.73	142	21376	0.983	ng		97
38) 1-Methylnaphthalene	8.73	142	21376	1.014	ng		93
46) 1,1'-Biphenyl	9.20	154	1906	0.080	ng		83
47) 2-Chloronaphthalene	9.49	162	359	0.019	ng	#	1
48) 2-Nitroaniline	9.49	65	622	0.110	ng	#	1
49) Acenaphthylene	9.63	152	3713	0.118	ng	#	96
50) Dimethylphthalate	9.49	163	57674	2.687	ng		99
51) 2,6-Dinitrotoluene	9.77	165	37657	8.425	ng	#	18
52) Acenaphthene	9.80	154	3276	0.178	ng		87

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Quant Time: Feb 28 02:06:34 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)
55) Dibenzofuran	9.97	168	1970	0.074	ng	#	83
56) 4-Nitrophenol	9.97	139	802	0.181	ng	#	6
57) 2,4-Dinitrotoluene	9.77	165	37657	6.778	ng	#	18
58) Fluorene	10.32	166	2829	0.149	ng	#	98
60) Diethylphthalate	10.19	149	792	0.035	ng	#	60
63) Azobenzene	10.47	77	121	0.005	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.55	198	263	4.711	ng	#	1
66) n-Nitrosodiphenylamine	10.55	169	5325	0.283	ng	#	42
67) 4-Bromophenyl-phenylether	10.55	248	10418	1.684	ng	#	1
71) Phenanthrene	11.27	178	42051	1.439	ng		95
72) Anthracene	11.32	178	10756	0.352	ng		96
73) Carbazole	11.47	167	5793	0.194	ng		98
74) Di-n-butylphthalate	11.82	149	3685	0.103	ng	#	83
75) Fluoranthene	12.45	202	67509	2.156	ng		95
77) Benzidine	12.83	184	11000	0.397	ng	#	96
78) Pyrene	12.67	202	60233	1.338	ng		99
80) Butylbenzylphthalate	13.31	149	631	0.032	ng	#	49
81) Benzo(a)anthracene	13.89	228	25421	0.687	ng		92
82) 3,3'-Dichlorobenzidine	13.82	252	227	0.016	ng	#	14
83) Chrysene	13.89	228	25421	0.701	ng		96
84) Bis(2-ethylhexyl)phthalate	13.87	149	12012	0.515	ng	#	97
85) Di-n-octyl phthalate	14.47	149	486	0.012	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.63	276	11555	0.374	ng		97
88) Benzo(b)fluoranthene	14.88	252	32907	1.385	ng	#	87
89) Benzo(k)fluoranthene	14.88	252	32907	1.529	ng	#	87
90) Benzo(a)pyrene	15.22	252	16595	0.789	ng	#	81
91) Dibenzo(a,h)anthracene	16.64	278	4136	0.231	ng	#	5
92) Benzo(g,h,i)perylene	17.03	276	15873	0.881	ng	#	87

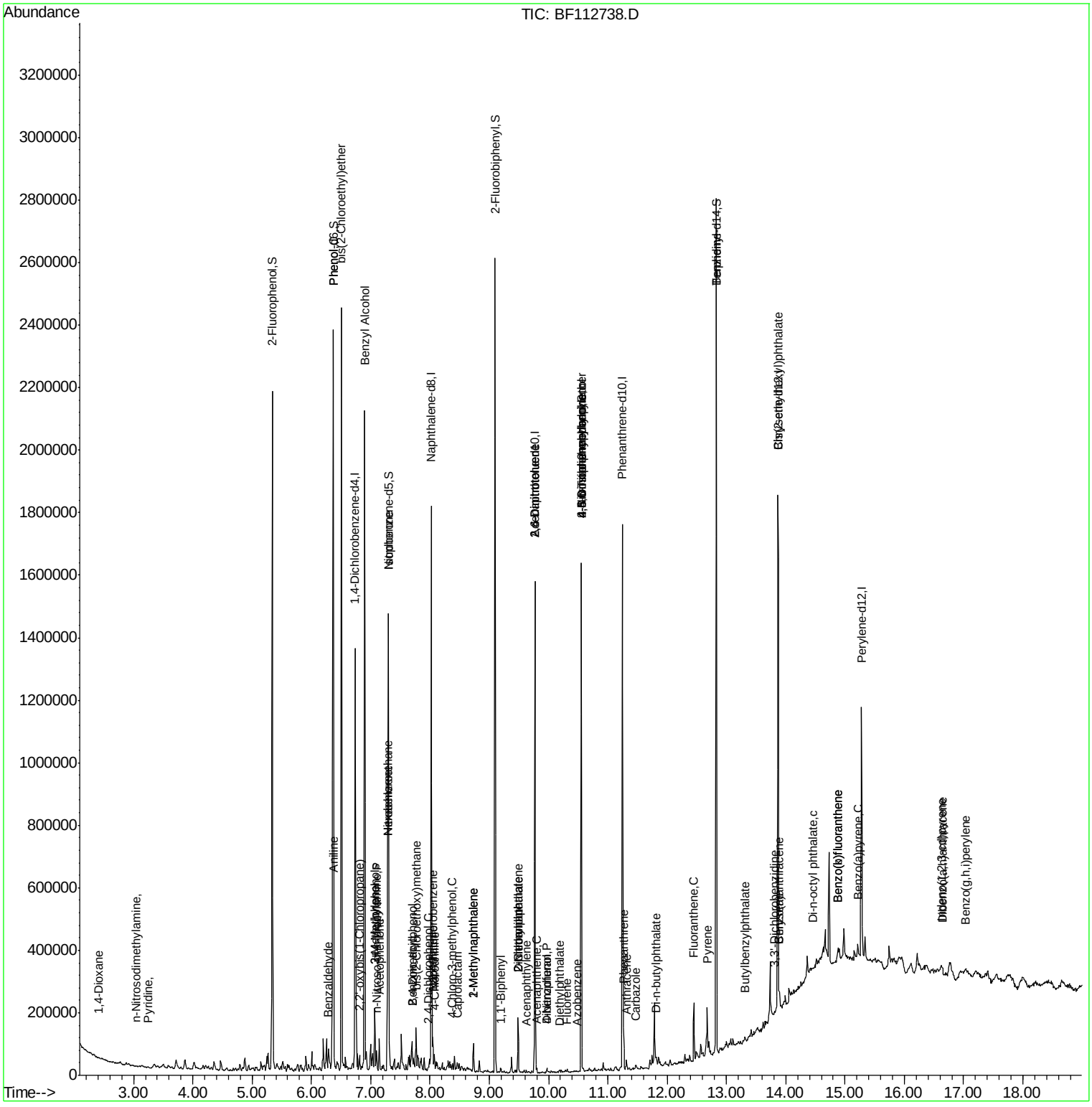
(#) = qualifier out of range (m) = manual integration (+) = signals summed

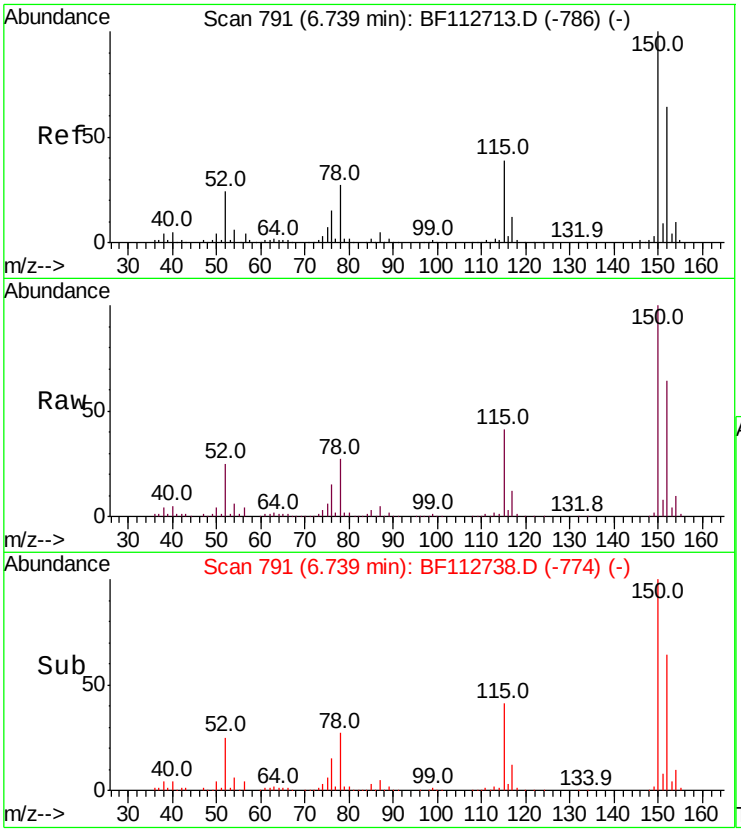
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112738.D
Acq On : 28 Feb 2019 00:16
Operator : JU/SJ
Sample : K1627-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Quant Time: Feb 28 02:06:34 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



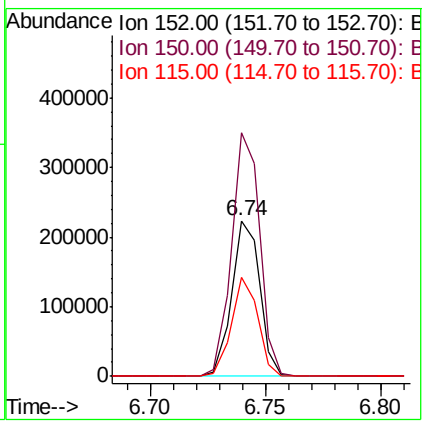


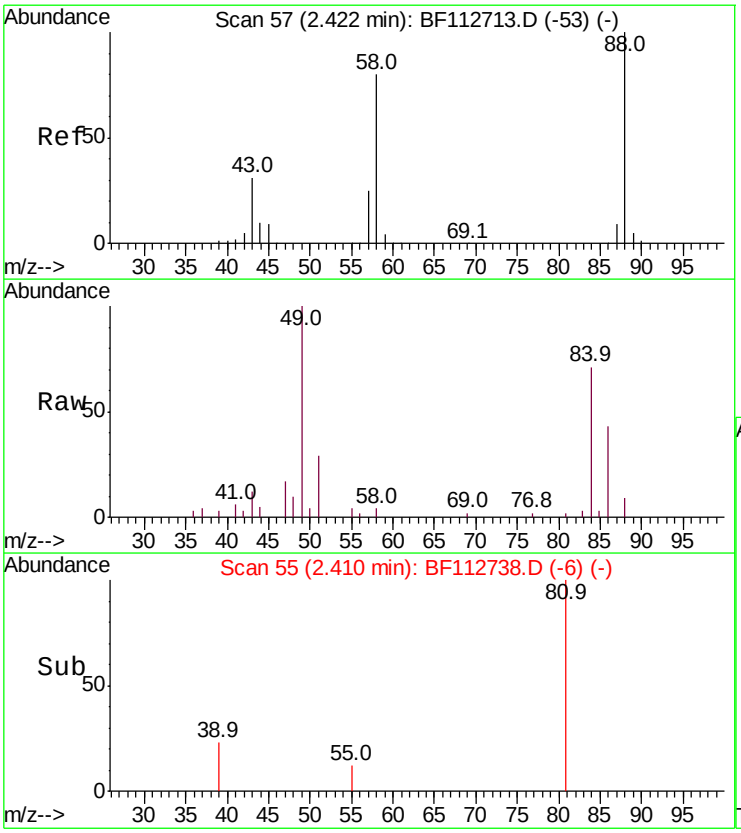
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:152 Resp: 188812

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	63.5	48.2	72.4

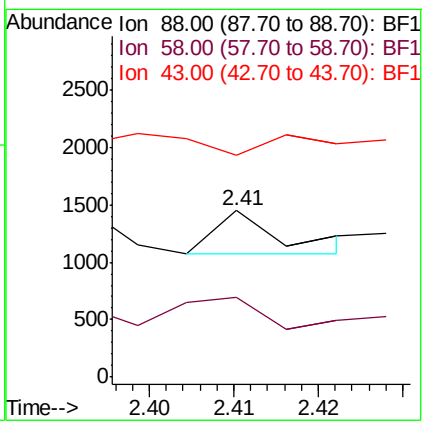


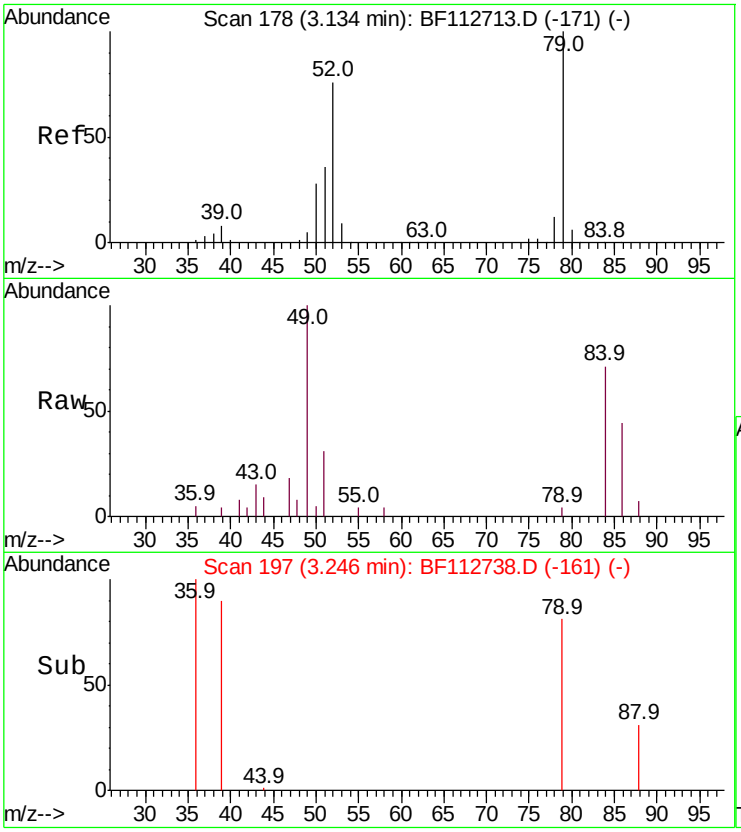


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 88 Resp: 207

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.1	94.7#
43	0.0	24.3	36.5#



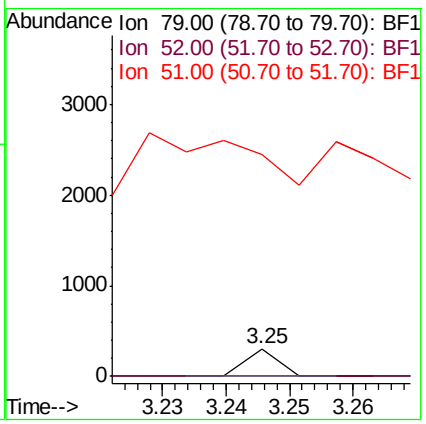


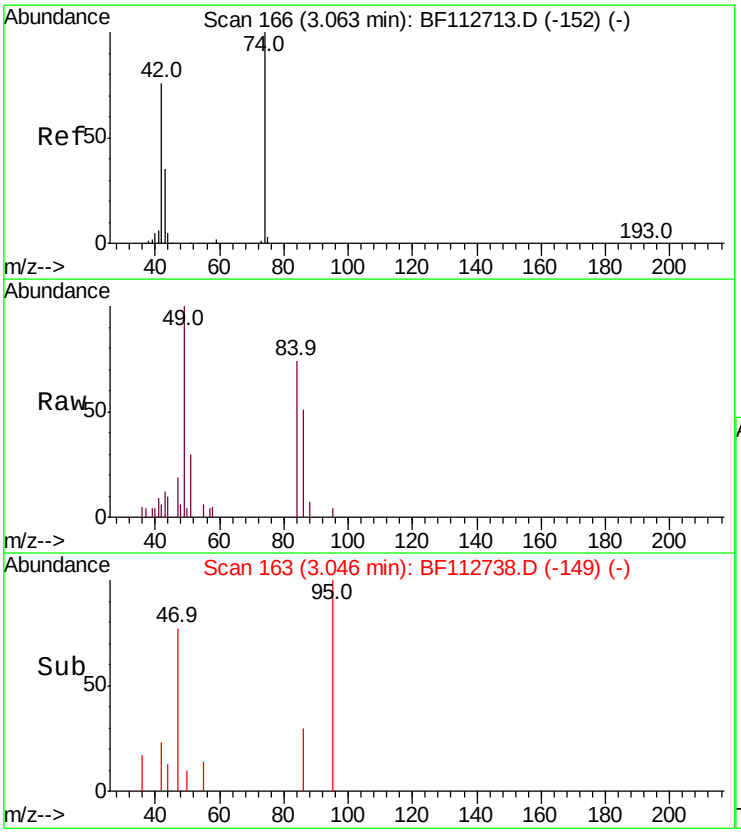
#3
Pyridine
Concen: 0.007 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.11 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 79 Resp: 106

Ion	Ratio	Lower	Upper
79	100		
52	0.0	60.5	90.7#
51	813.6	28.8	43.2#

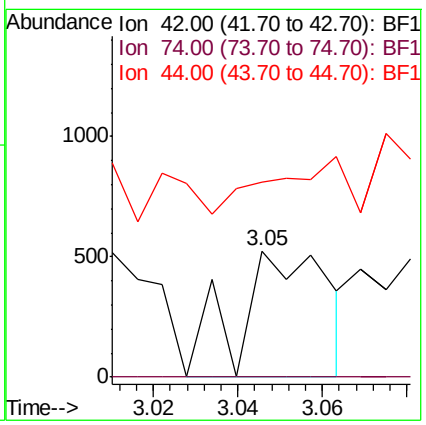


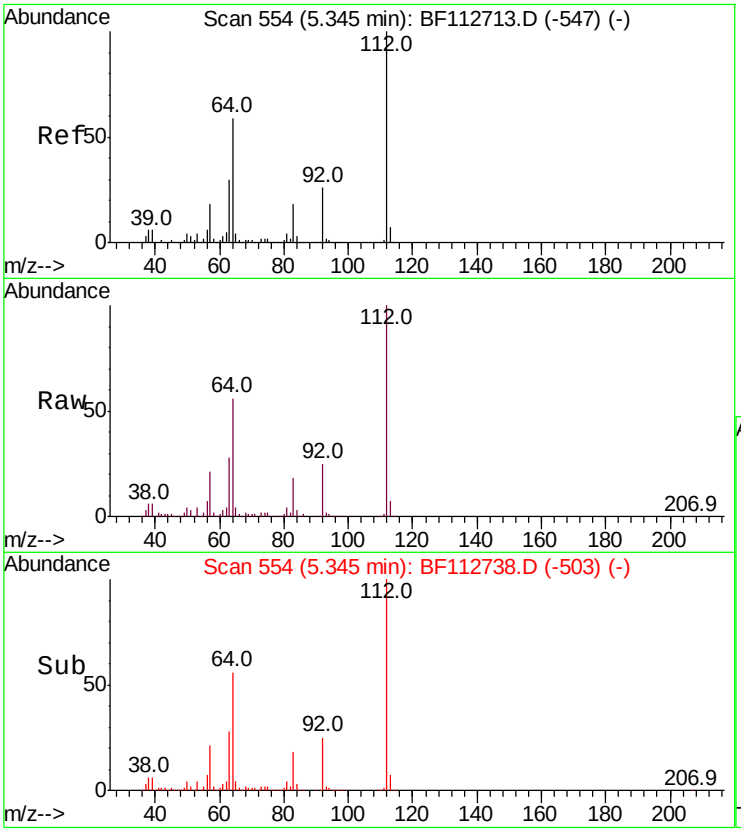


#4
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.05 min Scan# 163
Delta R.T. -0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 42 Resp: 779

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	153.8	6.2	9.2#



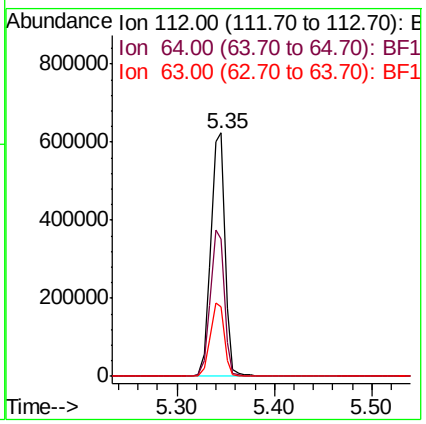


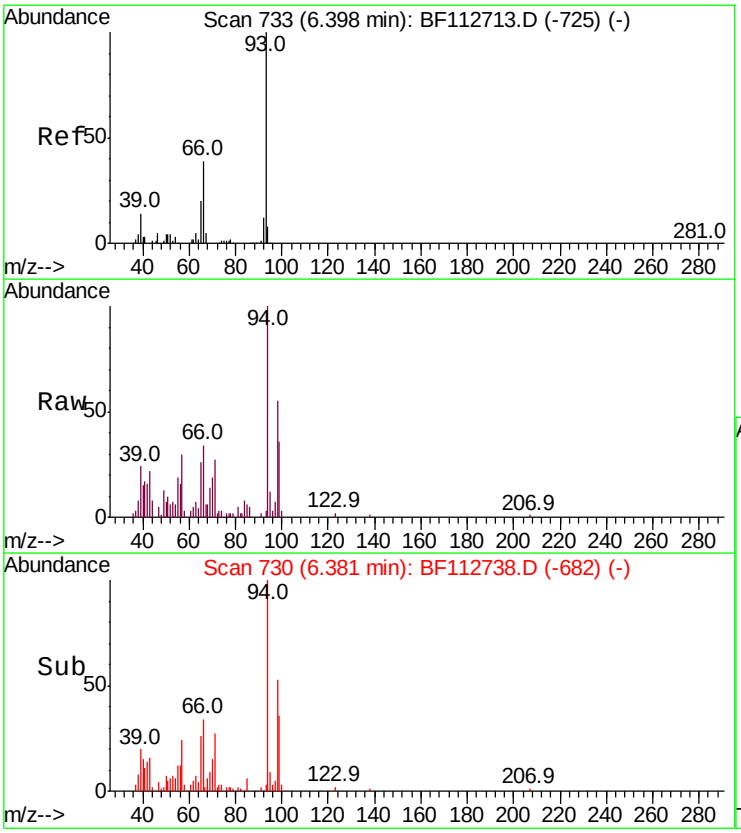
#5
2-Fluorophenol
Concen: 51.869 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:112 Resp: 629586

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.6	71.4
63	28.5	24.4	36.6

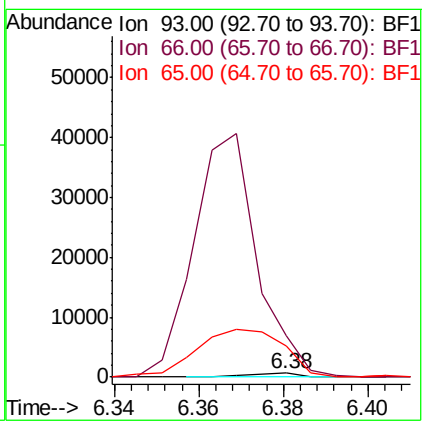


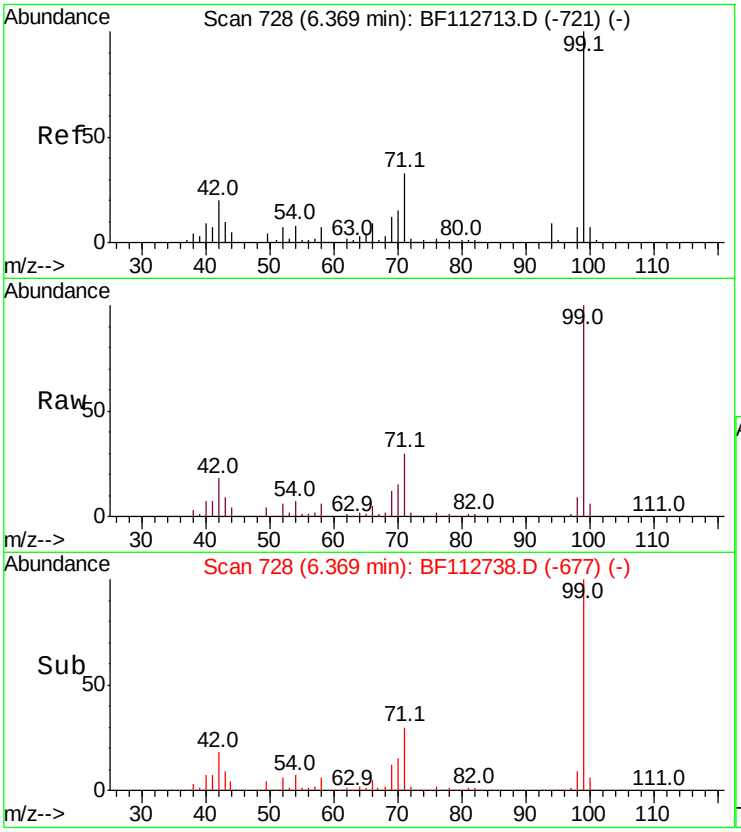


#6
Aniline
Concen: 0.026 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 93 Resp: 541

Ion	Ratio	Lower	Upper
93	100		
66	1077.7	32.2	48.2#
65	826.2	16.2	24.4#



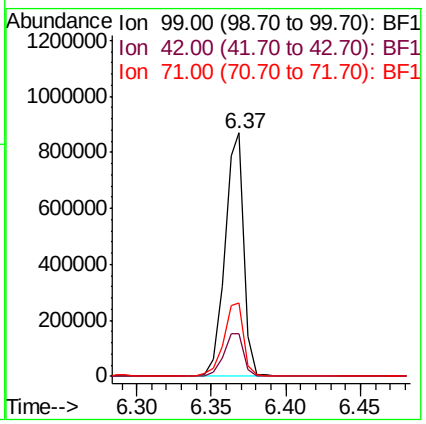


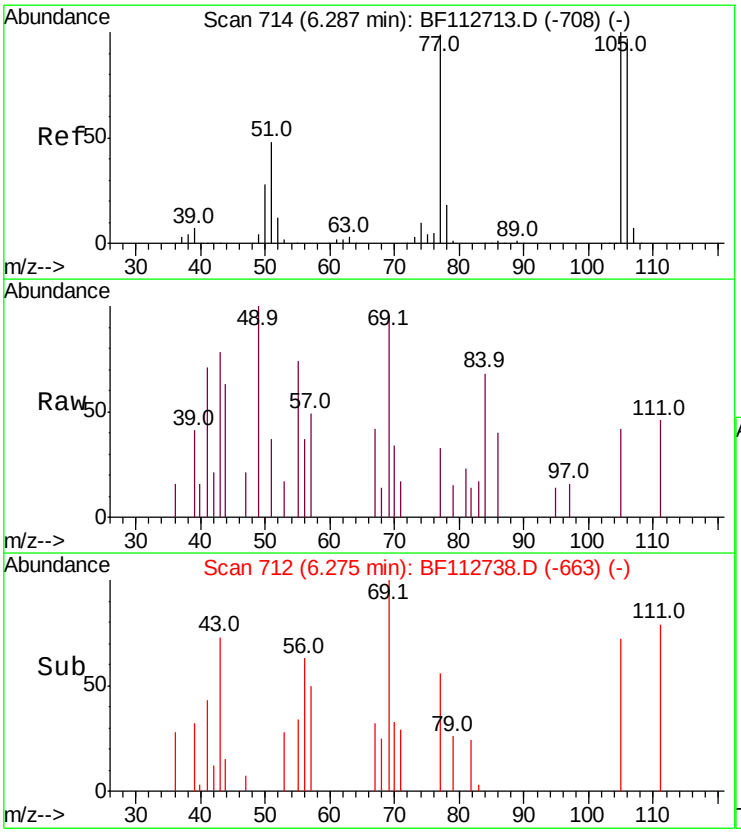
#7
Phenol-d6
Concen: 51.201 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 99 Resp: 780685

Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.3	24.5
71	30.0	26.2	39.4

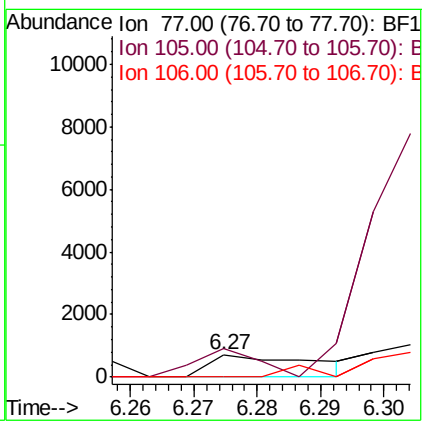


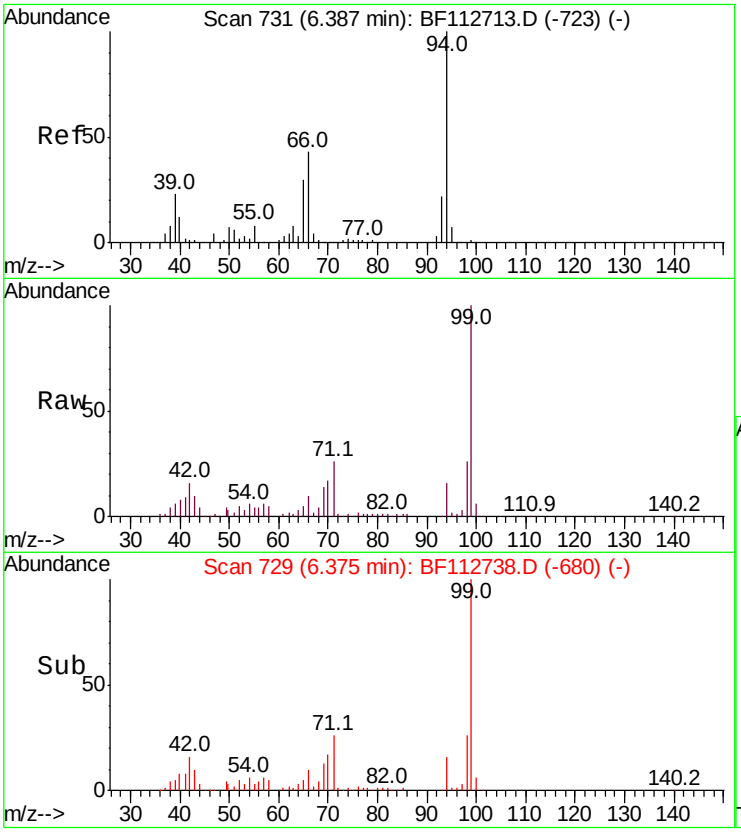


#9
Benzaldehyde
Concen: 0.074 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 77 Resp: 810

Ion	Ratio	Lower	Upper
77	100		
105	129.1	81.4	121.4#
106	0.0	78.3	118.3#



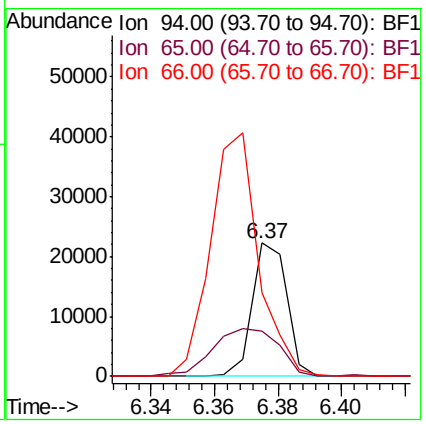


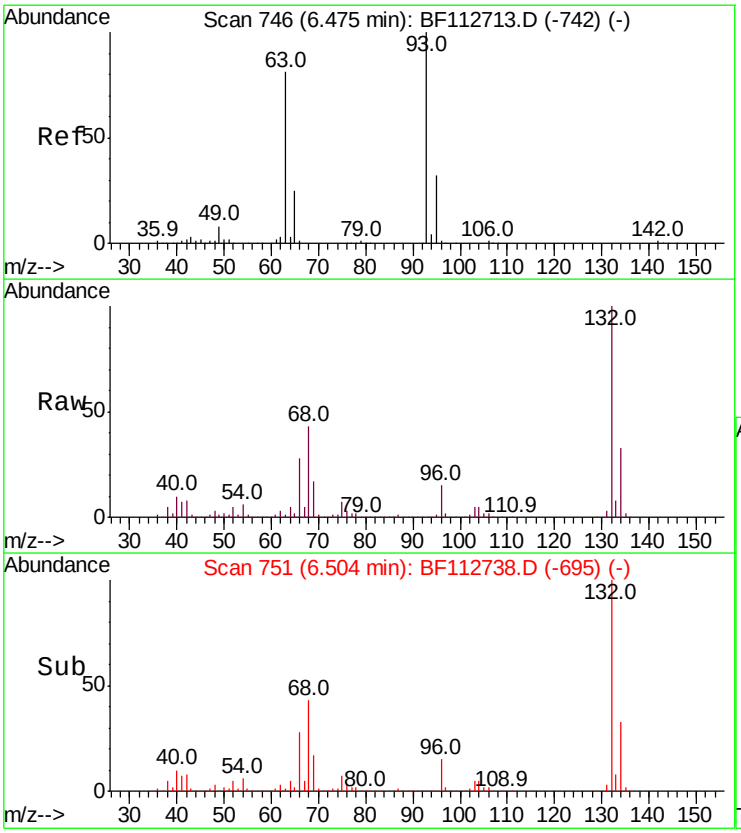
#10
Phenol
Concen: 0.949 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 94 Resp: 16887

Ion	Ratio	Lower	Upper
94	100		
65	34.1	10.5	50.5
66	62.3	22.6	62.6

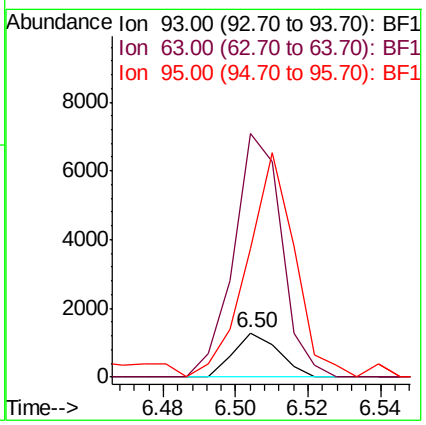


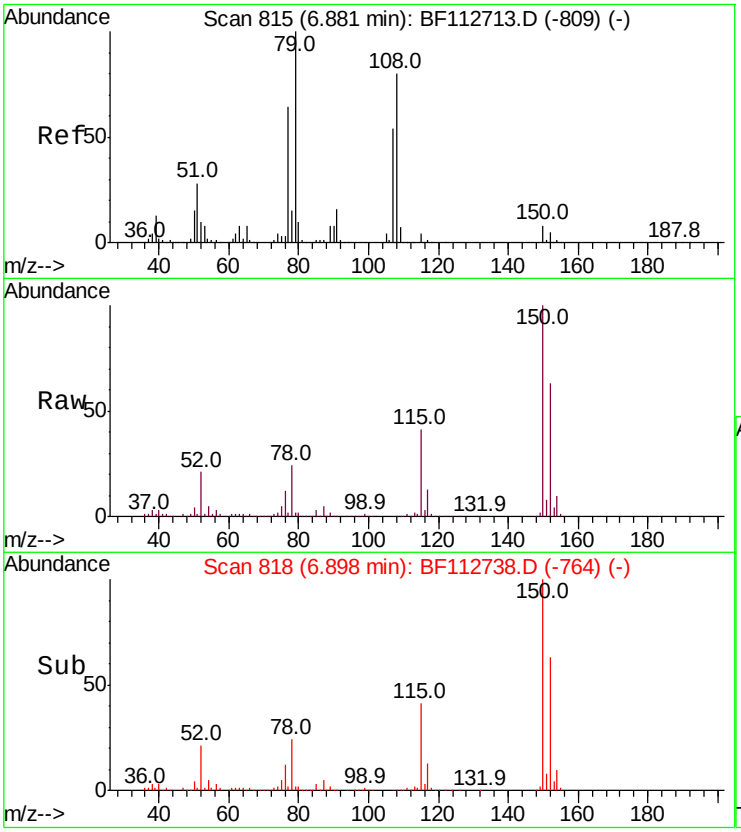


#11
bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 93 Resp: 1107

Ion	Ratio	Lower	Upper
93	100		
63	547.0	60.5	100.5#
95	287.9	12.1	52.1#



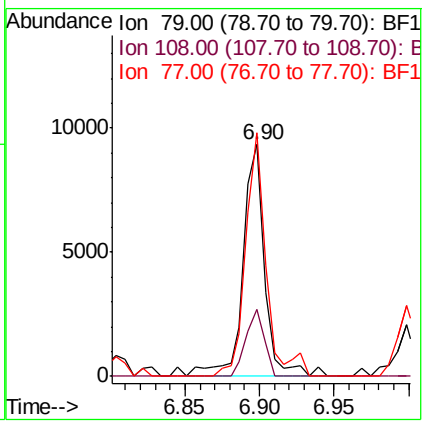


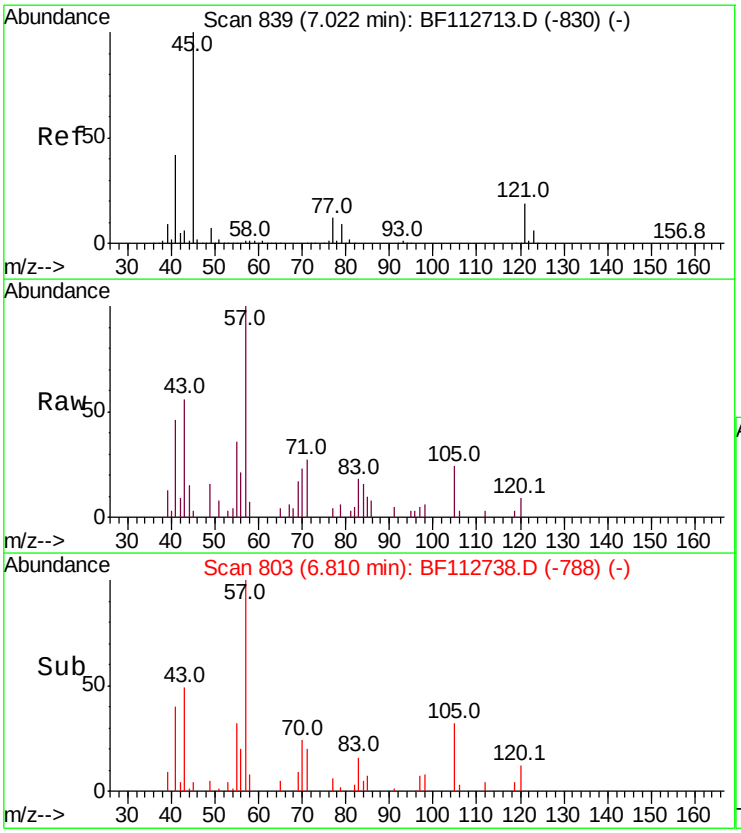
#15
Benzyl Alcohol
Concen: 0.811 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 79 Resp: 9434

Ion	Ratio	Lower	Upper
79	100		
108	28.7	64.2	96.4#
77	105.0	51.1	76.7#

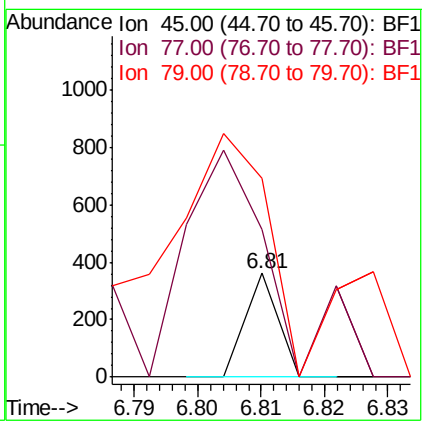


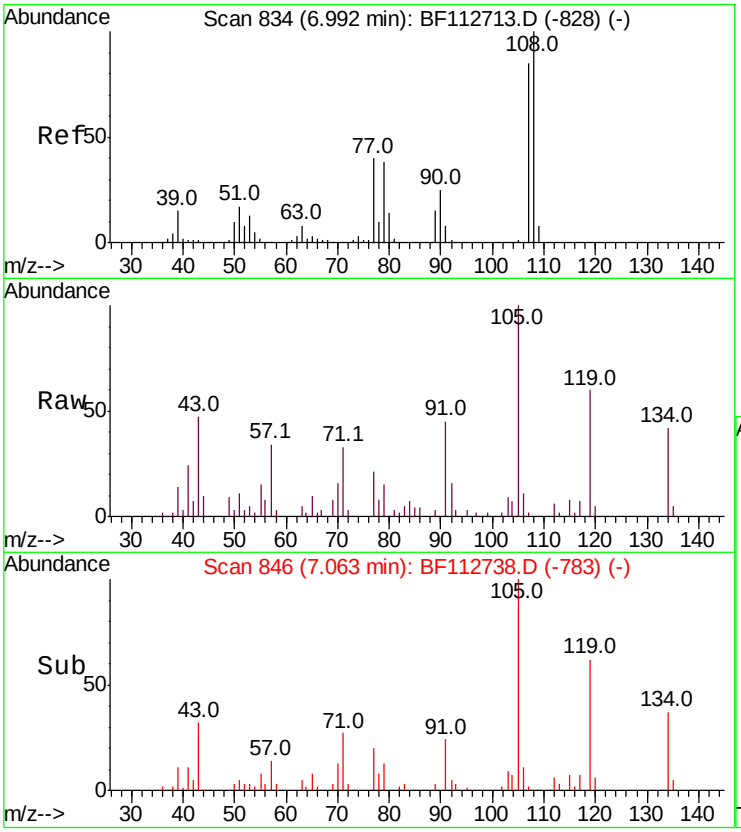


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.21 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 45 Resp: 127

Ion	Ratio	Lower	Upper
45	100		
77	142.1	0.0	32.1#
79	191.7	0.0	29.4#



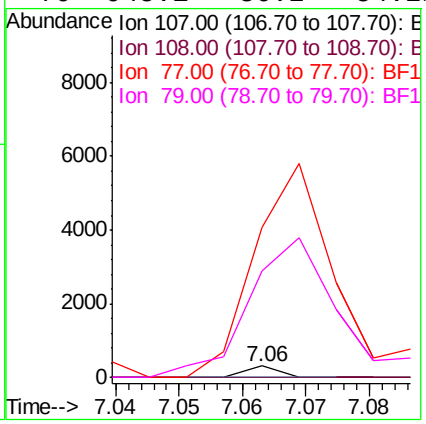


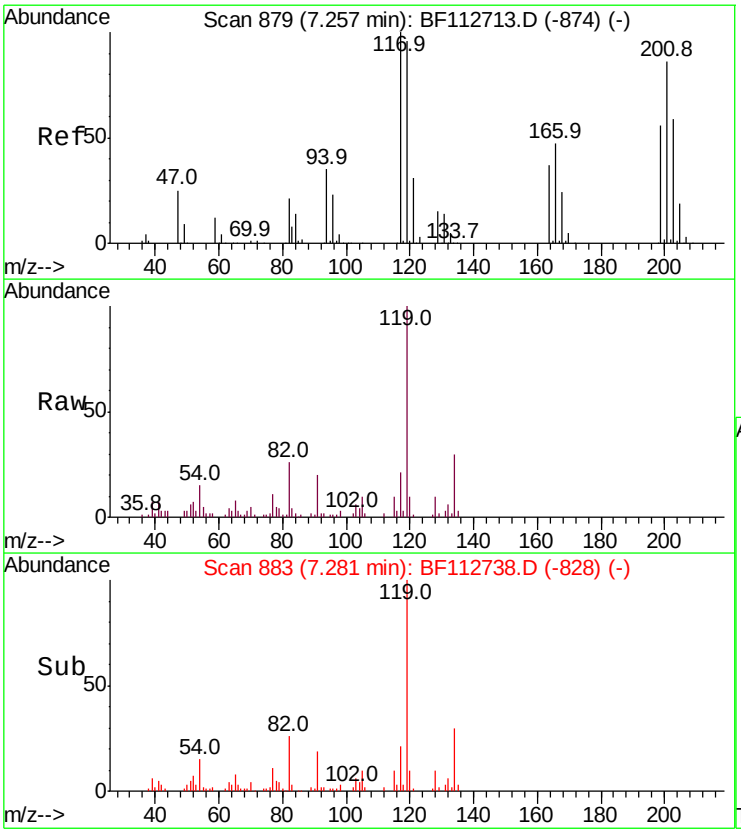
#17
2-Methylphenol
Concen: 0.010 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.07 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	0.0	94.6	142.0#
77	1324.8	37.8	56.8#
79	945.1	36.2	54.2#

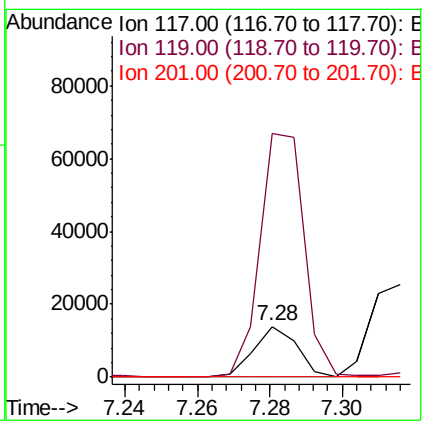


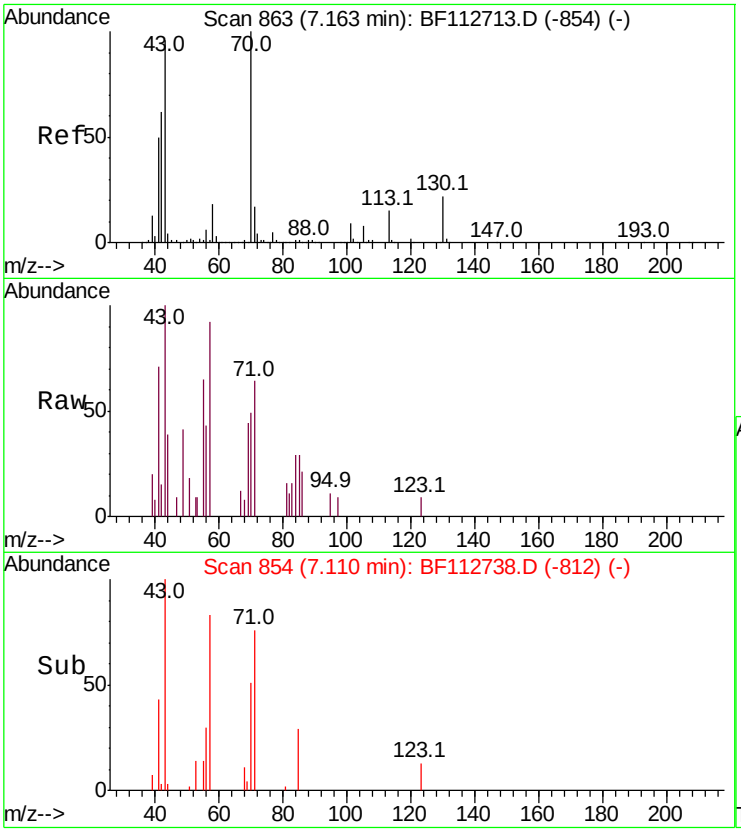


#18
Hexachloroethane
Concen: 2.132 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:117 Resp: 11430

Ion	Ratio	Lower	Upper
117	100		
119	478.2	76.6	115.0#
201	0.0	68.9	103.3#



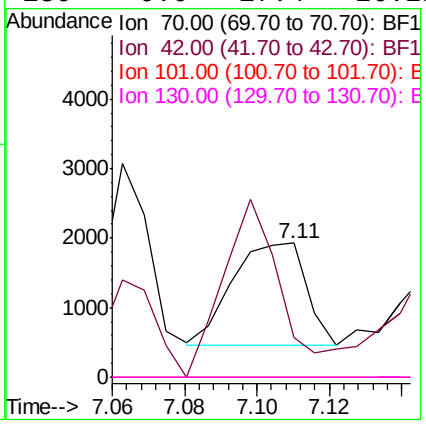


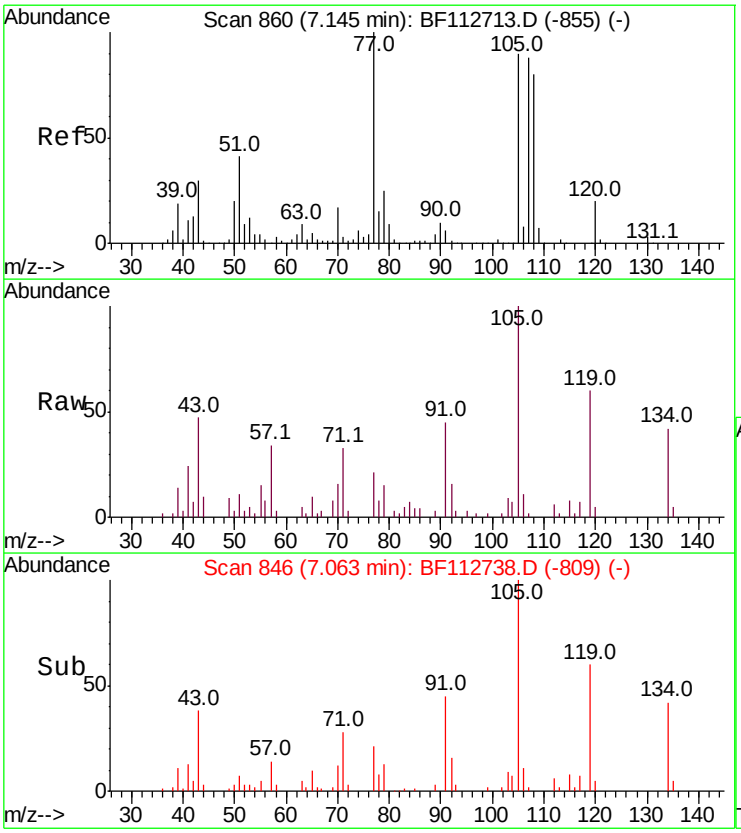
#19
n-Nitroso-di-n-propylamine
Concen: 0.215 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.05 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 70 Resp: 2078

Ion	Ratio	Lower	Upper
70	100		
42	29.9	49.9	74.9#
101	0.0	7.4	11.2#
130	0.0	17.4	26.2#

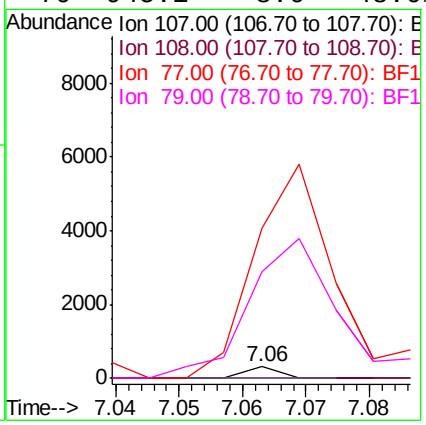


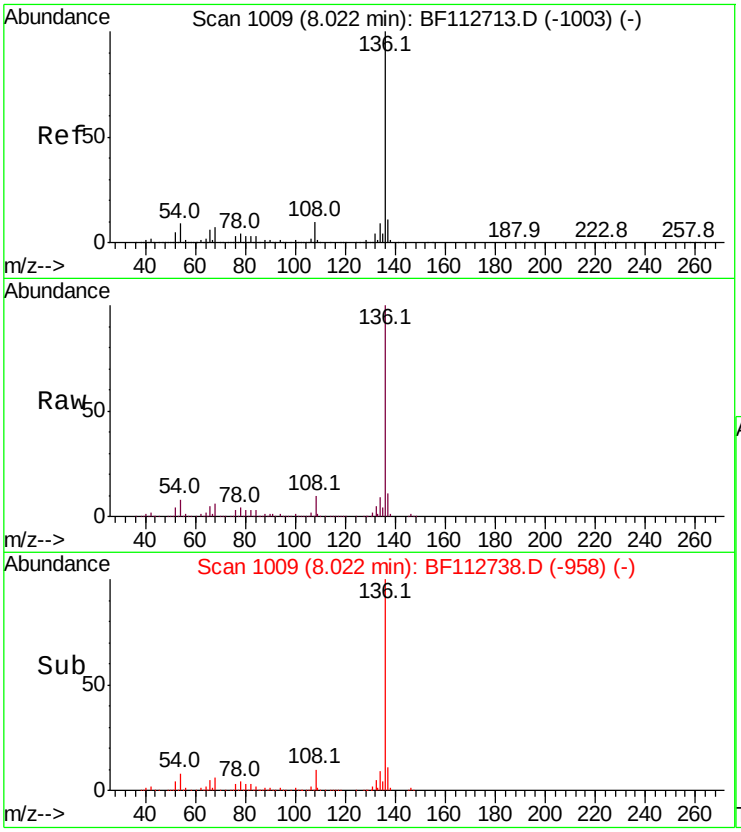


#20
3+4-Methylphenols
Concen: 0.009 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.08 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	1324.8	94.1	134.1#
79	945.1	8.6	48.6#



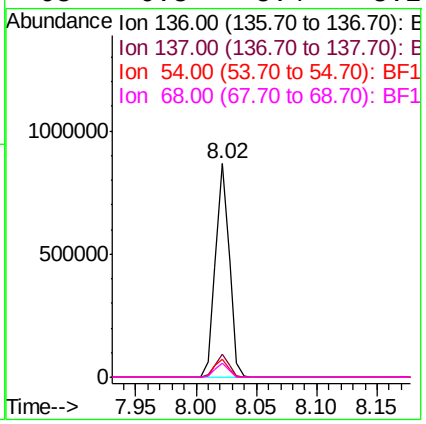


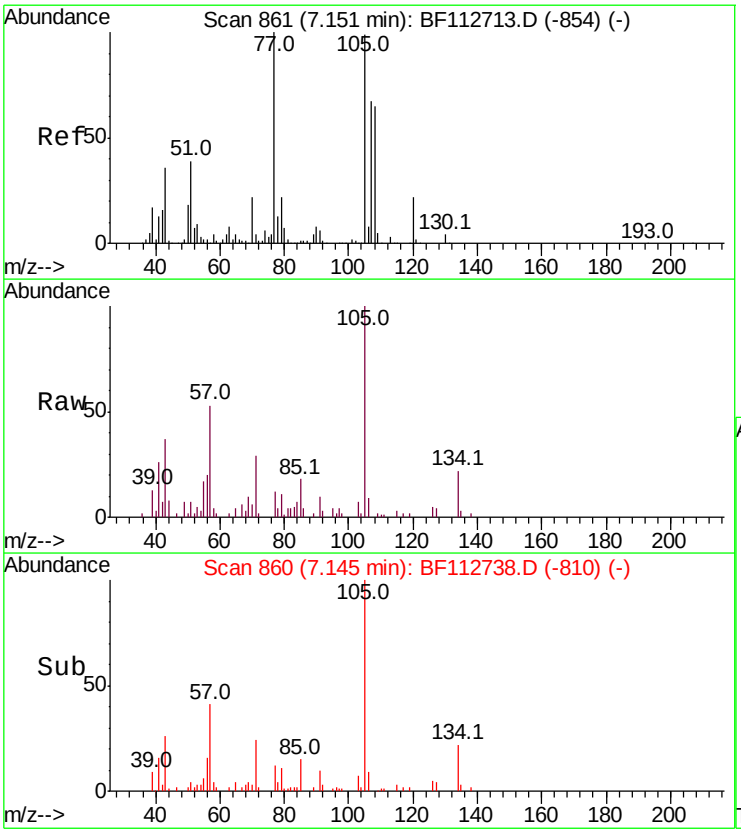
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:136 Resp: 678458

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	7.3	10.9
68	6.3	5.4	8.2

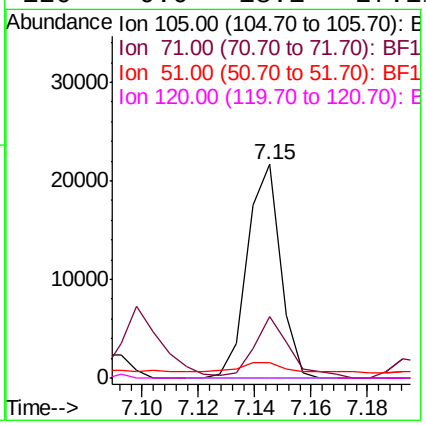


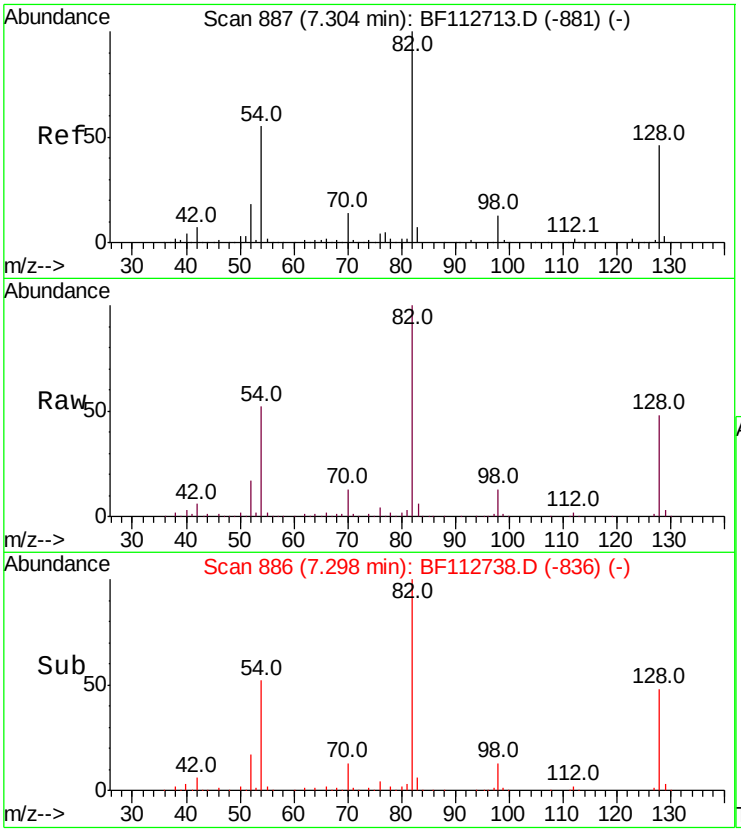


#22
Acetophenone
Concen: 1.111 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:105 Resp: 17632

Ion	Ratio	Lower	Upper
105	100		
71	28.8	3.0	4.4#
51	7.1	31.5	47.3#
120	0.0	18.1	27.1#



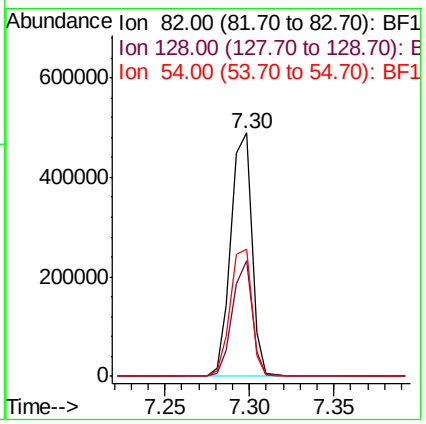


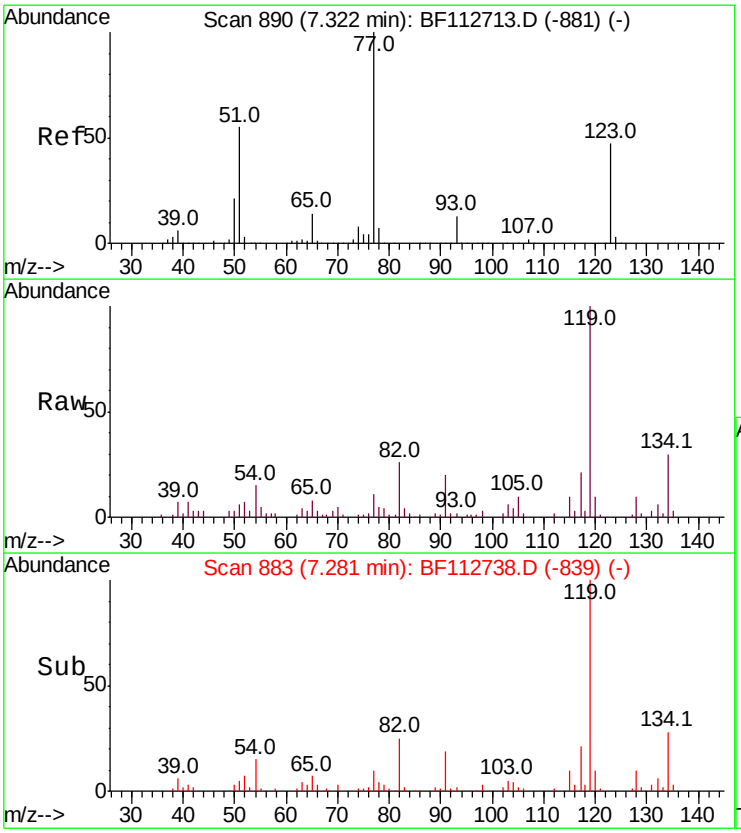
#23
Nitrobenzene-d5
Concen: 37.363 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 82 Resp: 423634

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	52.3	43.7	65.5

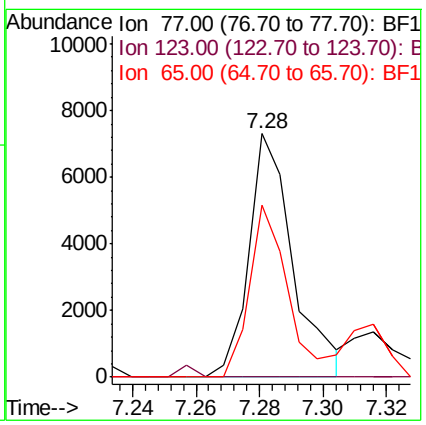


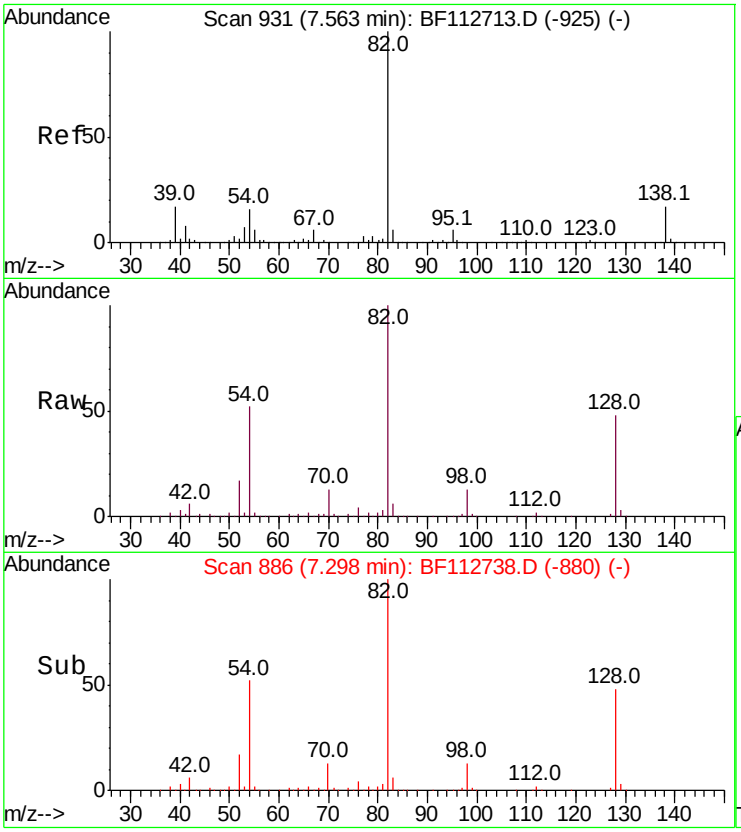


#24
Nitrobenzene
Concen: 0.561 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 77 Resp: 7083

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	70.9	11.1	16.7#



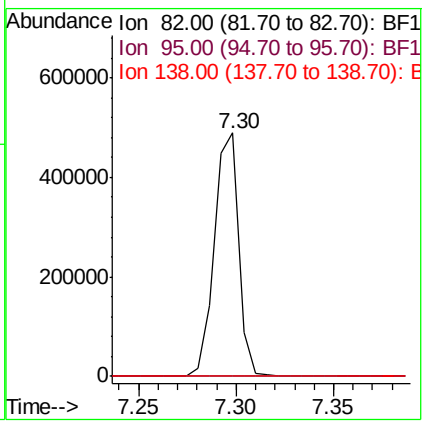


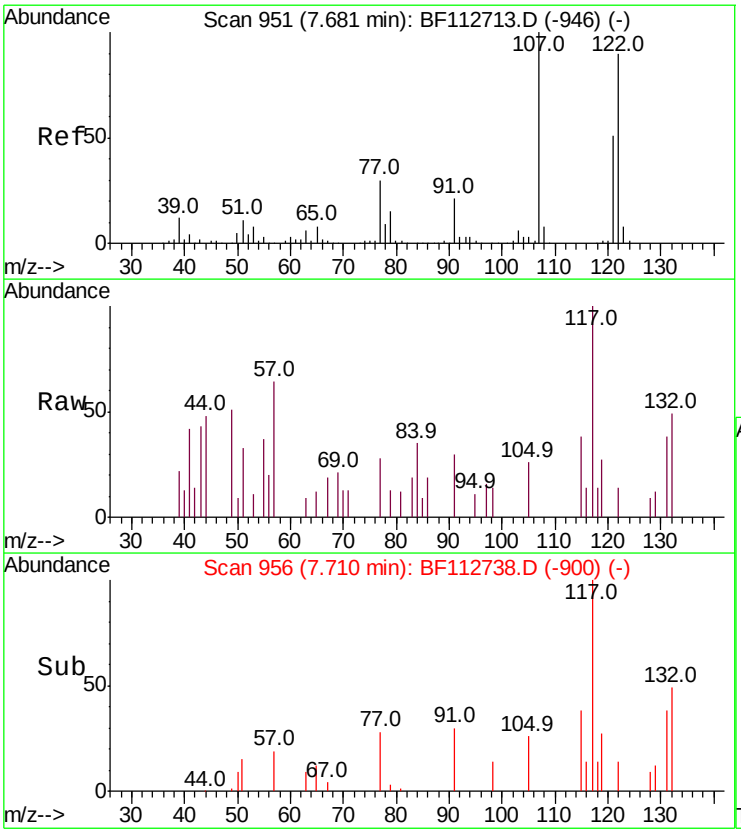
#25
Isophorone
Concen: 17.239 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 82 Resp: 421088

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

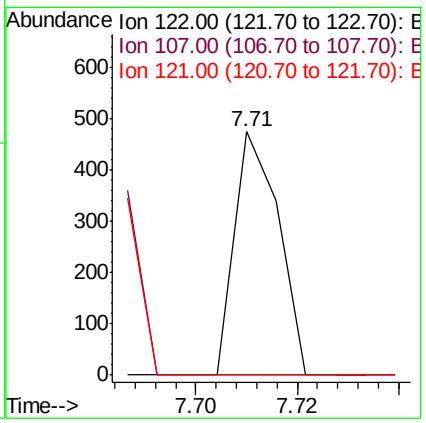


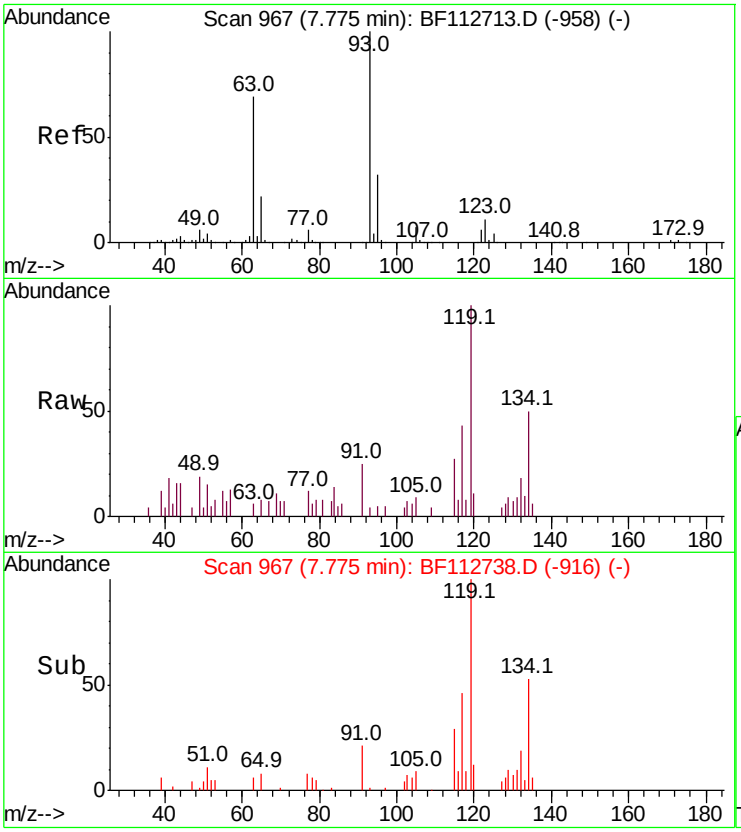


#27
2,4-Dimethylphenol
Concen: 0.029 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.03 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:122 Resp: 288

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.4	134.0#
121	0.0	45.5	68.3#



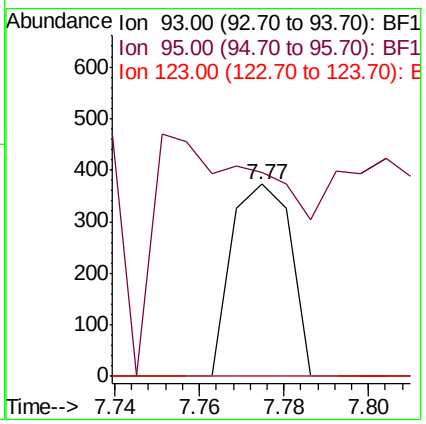


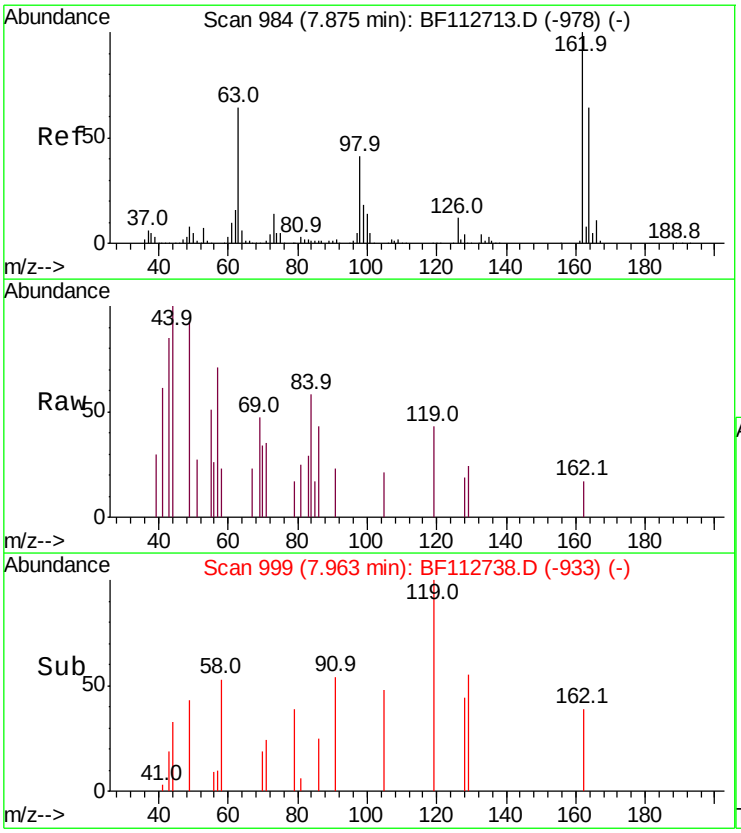
#28
bis(2-Chloroethoxy)methane
Concen: 0.024 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion: 93 Resp: 362

Ion	Ratio	Lower	Upper
93	100		
95	106.5	26.0	39.0#
123	0.0	9.3	13.9#

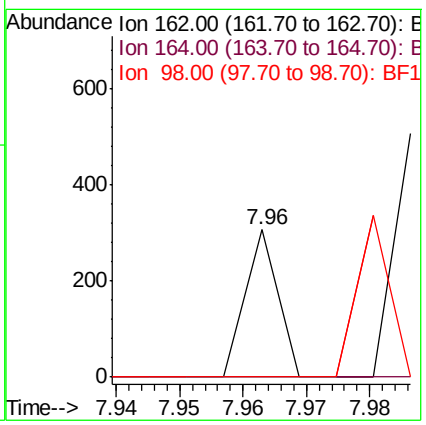


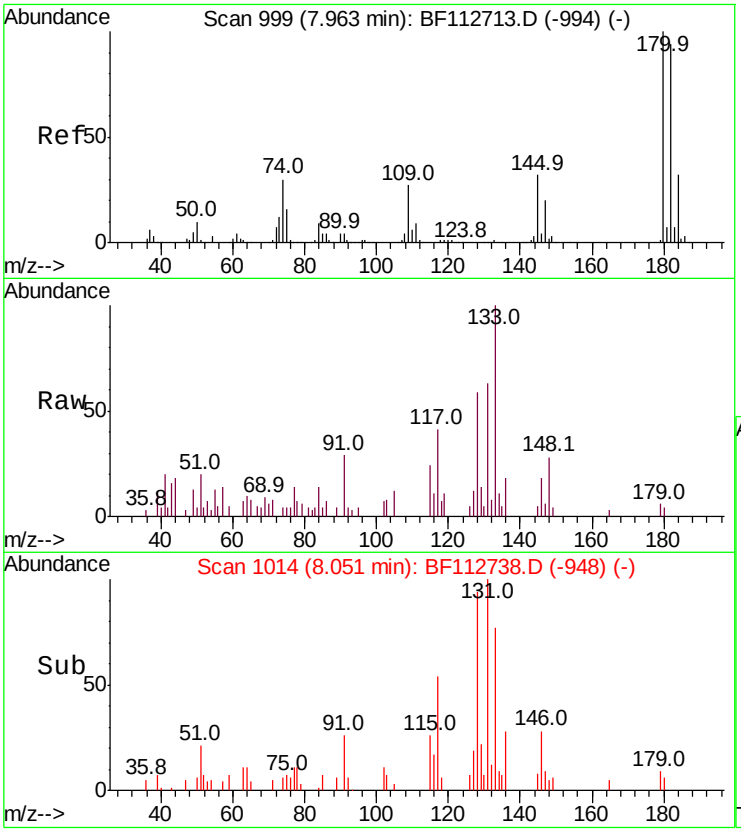


#29
2,4-Dichlorophenol
Concen: 0.011 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.09 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:162 Resp: 108

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.0	84.0#
98	0.0	20.7	60.7#



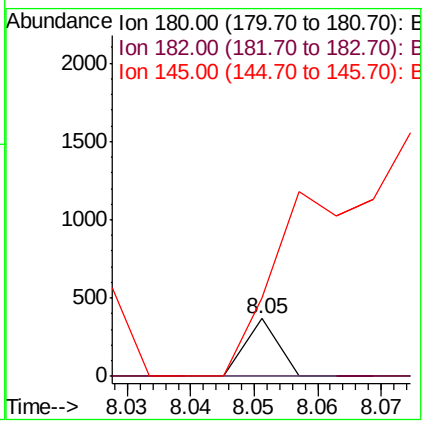


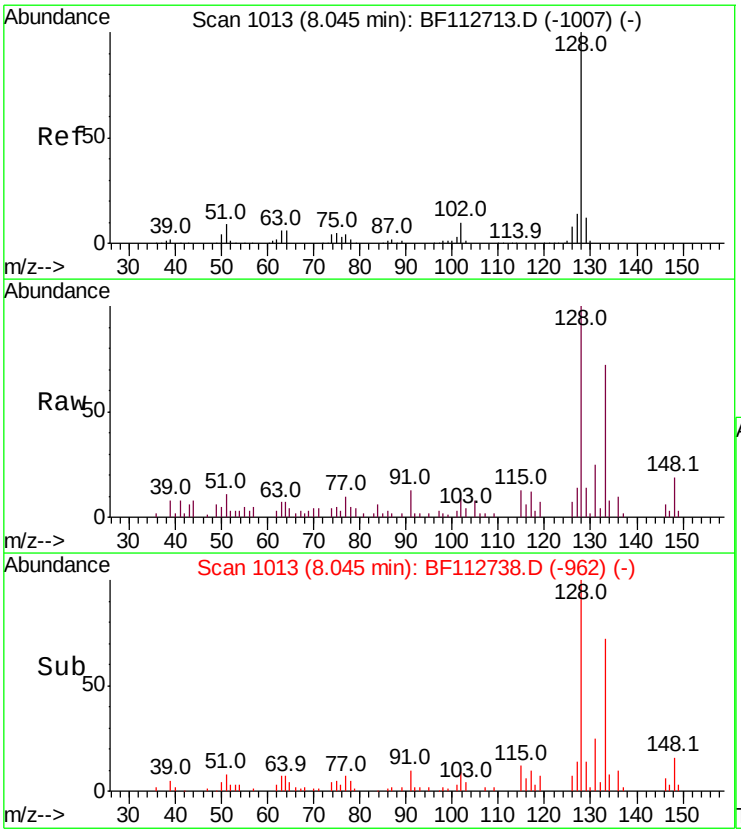
#30
1,2,4-Trichlorobenzene
Concen: 0.013 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.09 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:180 Resp: 130

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.2	112.8#
145	136.4	25.4	38.0#

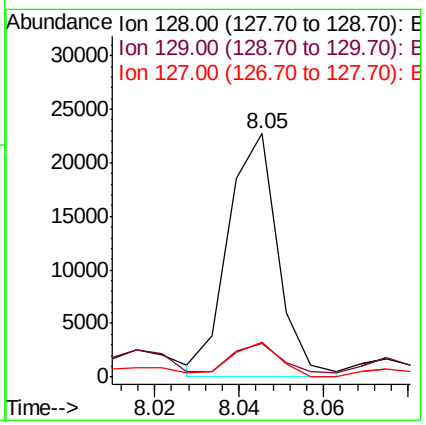


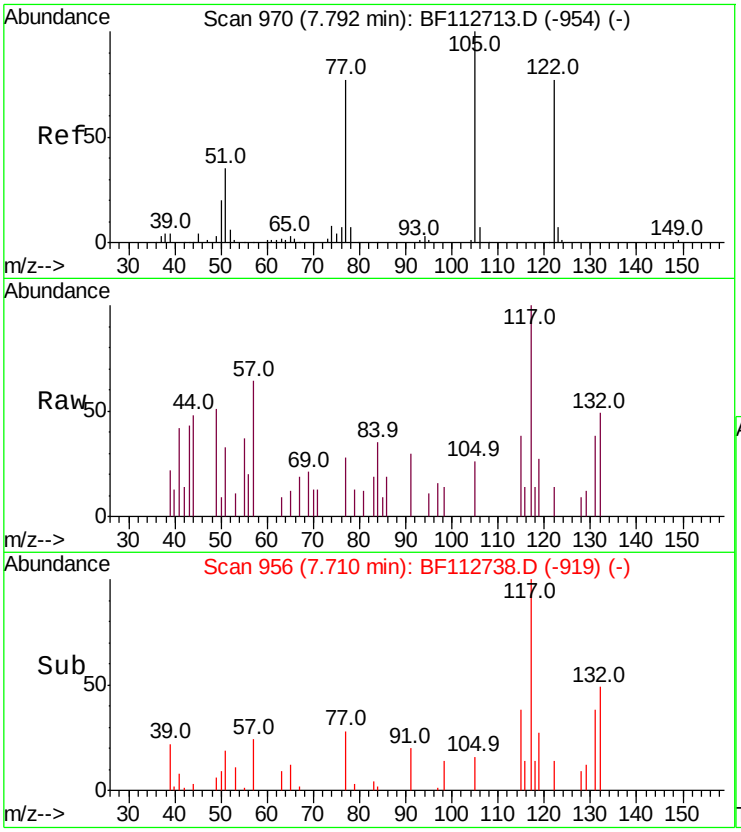


#31
Naphthalene
Concen: 0.553 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:128 Resp: 18623

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.3	13.9
127	14.4	10.9	16.3



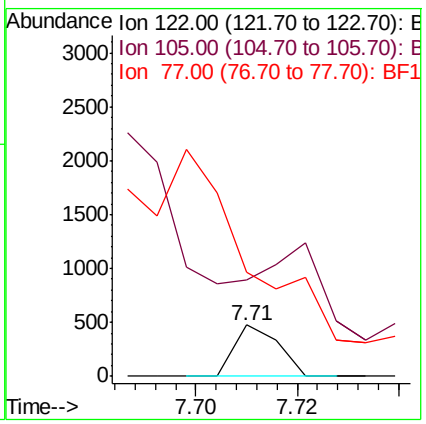


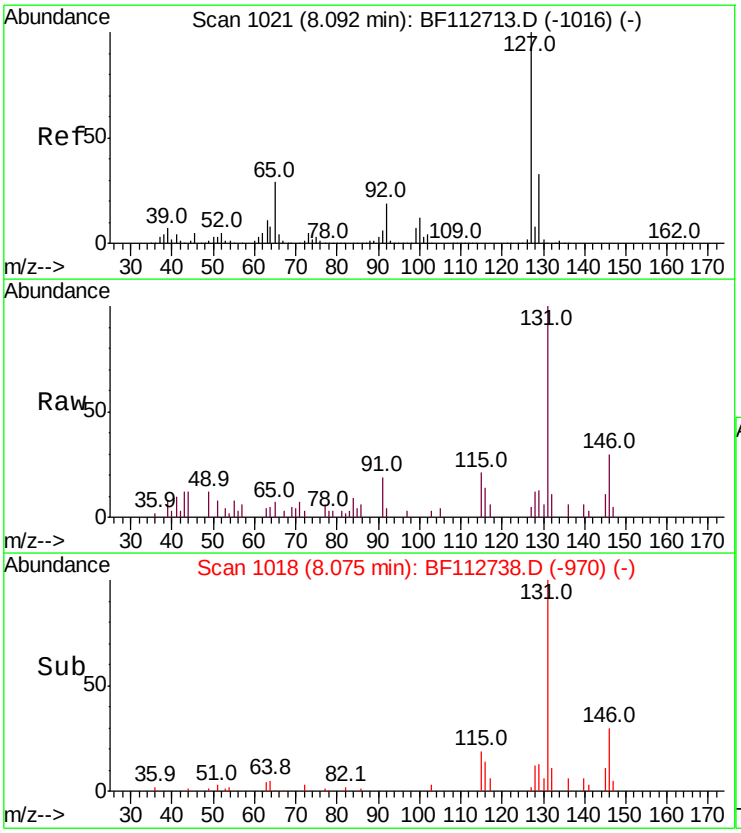
#32
Benzoic acid
Concen: 0.042 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.08 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:122 Resp: 288

Ion	Ratio	Lower	Upper
122	100		
105	188.4	106.8	146.8#
77	202.5	79.4	119.4#

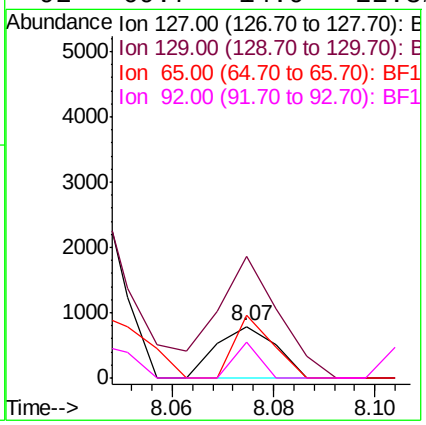


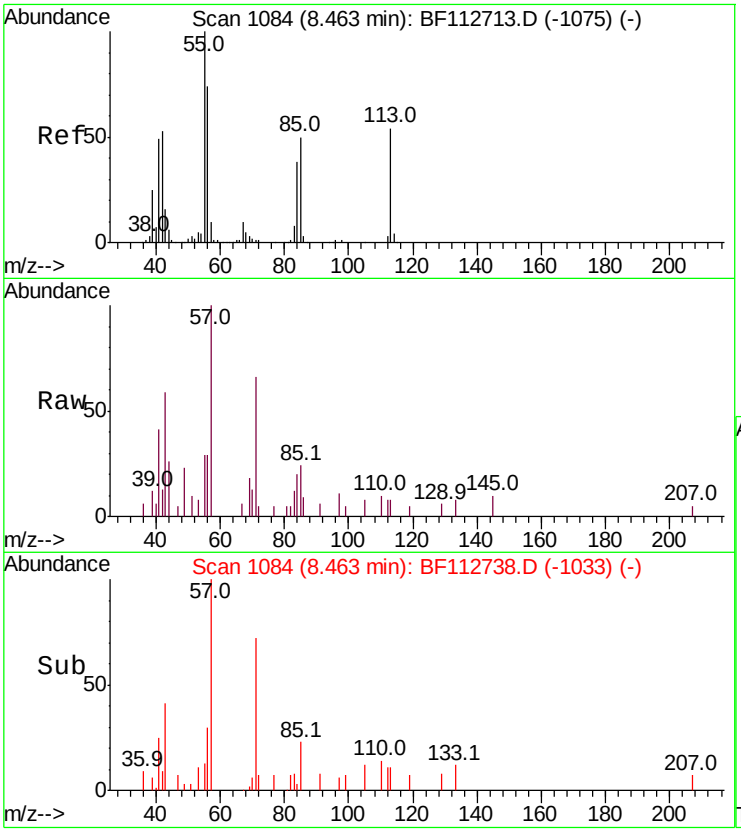


#33
4-Chloroaniline
Concen: 0.045 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:127 Resp: 645

Ion	Ratio	Lower	Upper
127	100		
129	237.9	26.4	39.6#
65	123.5	23.1	34.7#
92	69.7	14.9	22.3#



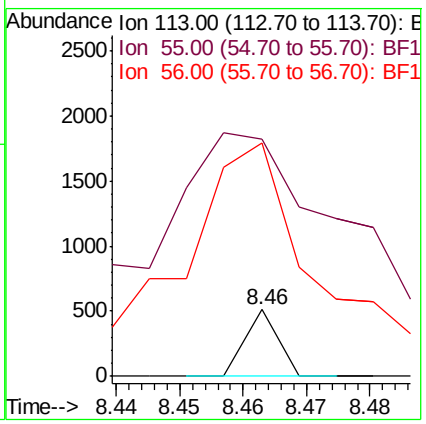


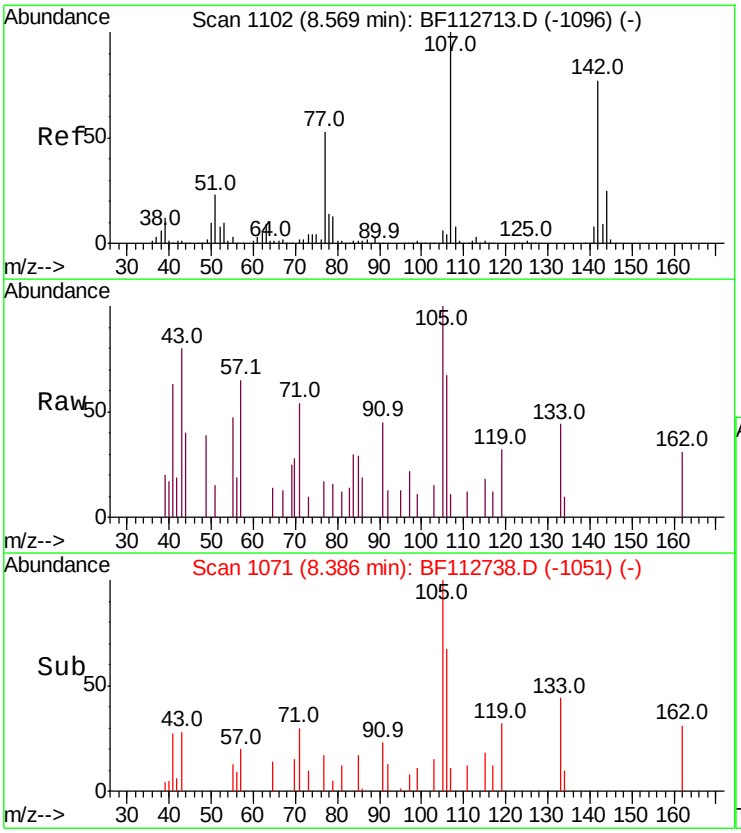
#35
Caprolactam
Concen: 0.054 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:113 Resp: 180

Ion	Ratio	Lower	Upper
113	100		
55	356.9	163.5	203.5#
56	351.4	115.3	155.3#

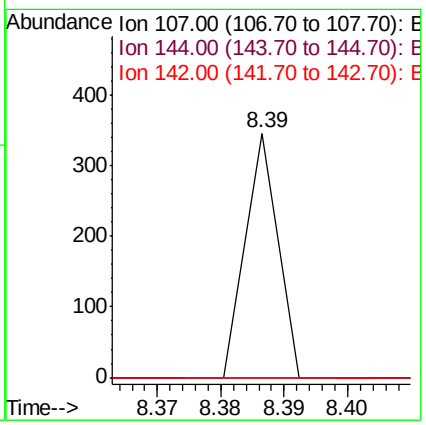


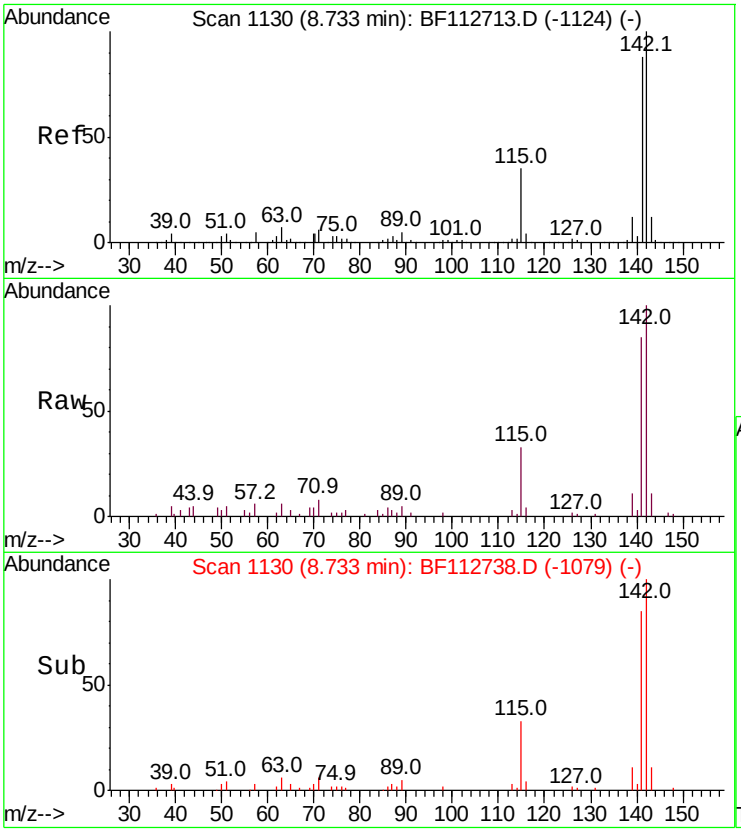


#36
4-Chloro-3-methylphenol
Concen: 0.012 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.18 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:107 Resp: 122

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	61.9	92.9#



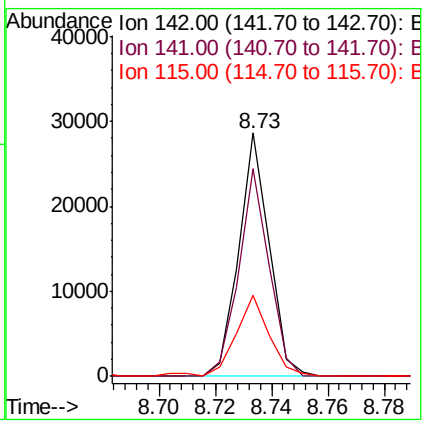


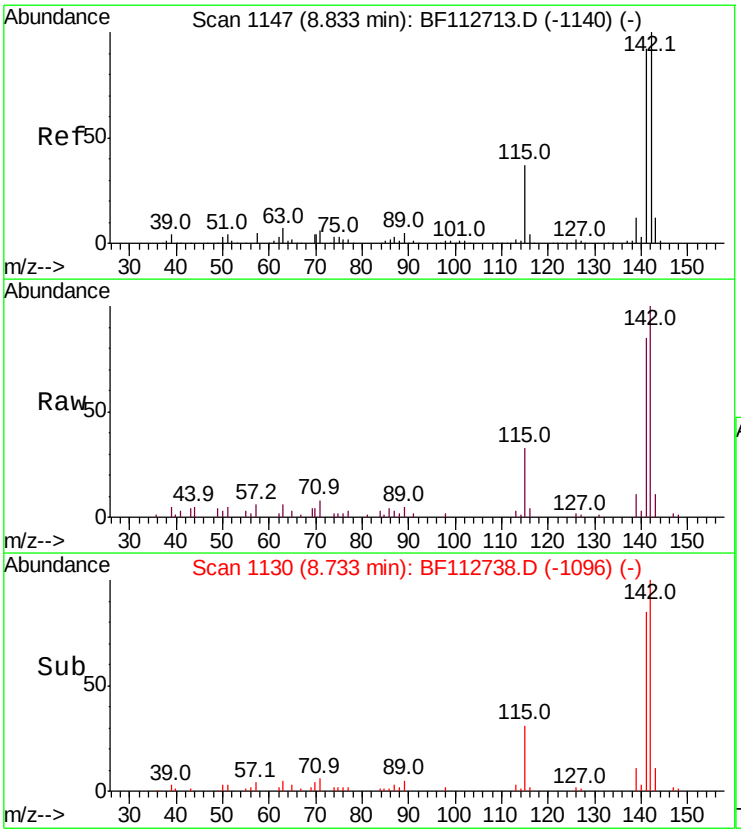
#37
2-Methylnaphthalene
Concen: 0.983 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:142 Resp: 21376

Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.3	105.5
115	33.1	27.8	41.6

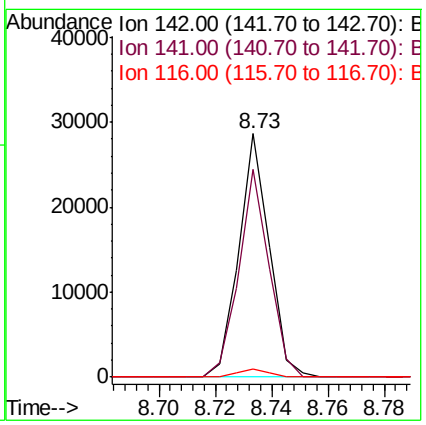


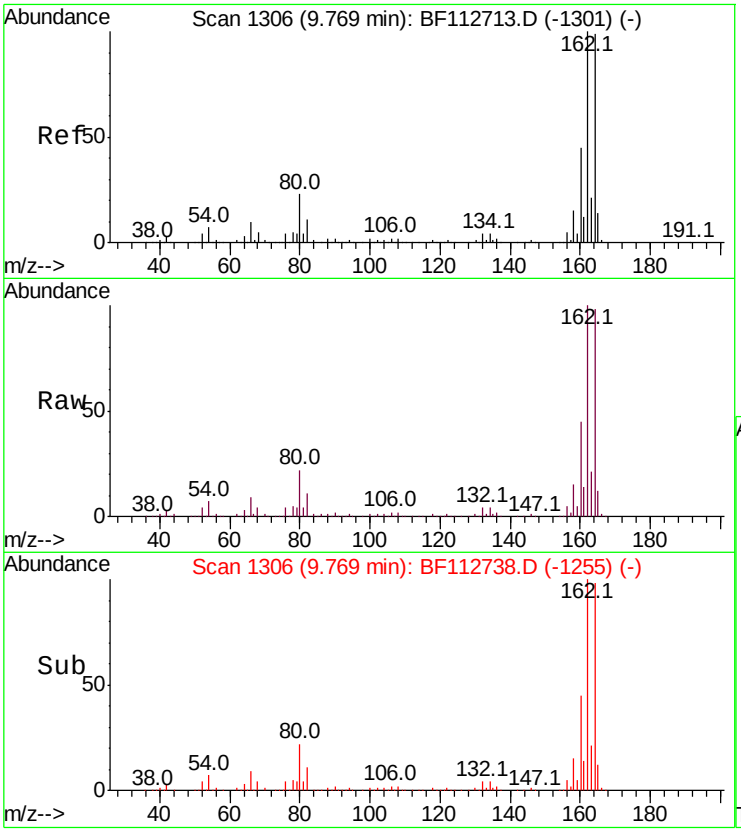


#38
1-Methylnaphthalene
Concen: 1.014 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:142 Resp: 21376

Ion	Ratio	Lower	Upper
142	100		
141	85.4	73.7	110.5
116	3.6	3.1	4.7



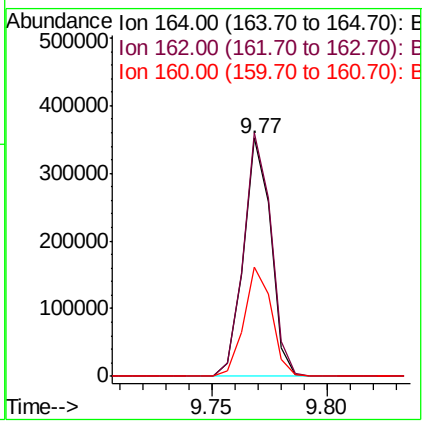


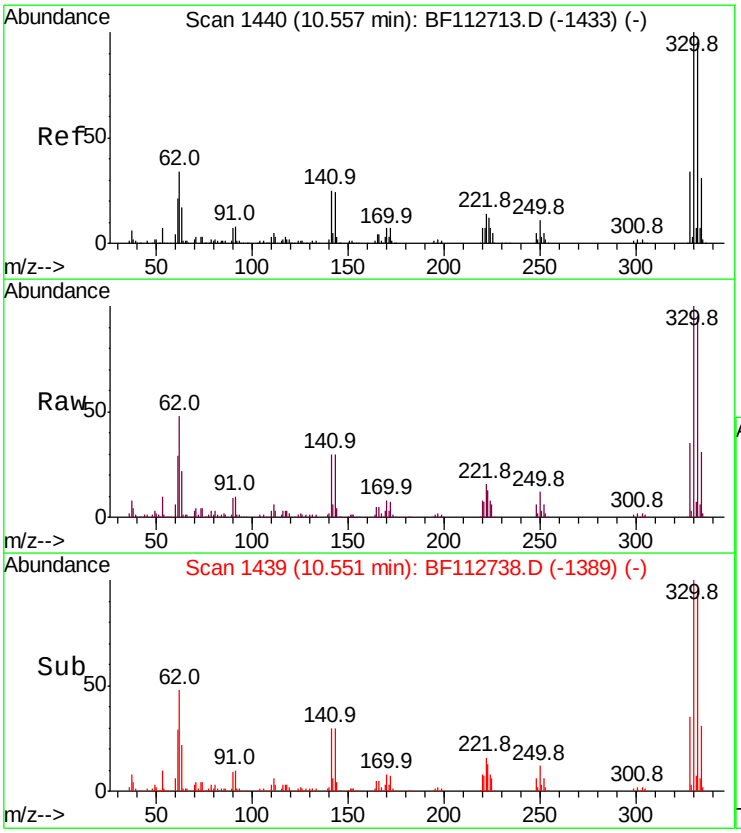
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:164 Resp: 291083

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	45.7	36.0	54.0

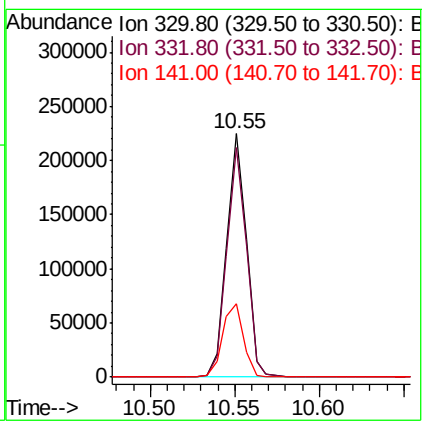


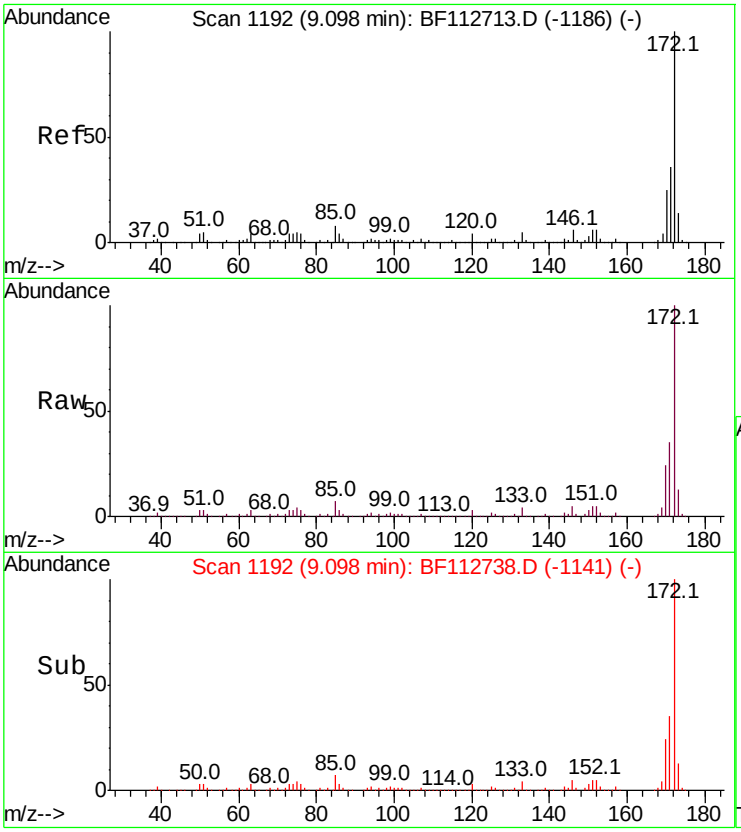


#42
2,4,6-Tribromophenol
Concen: 58.632 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:330 Resp: 181184

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	32.1	27.0	40.6



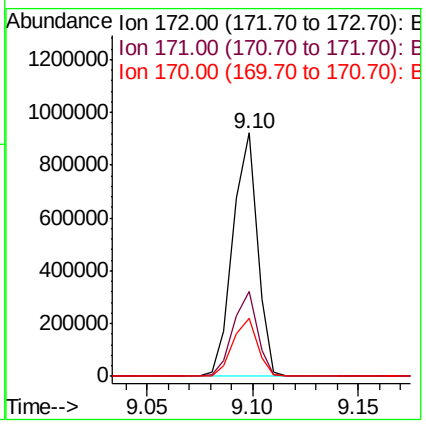


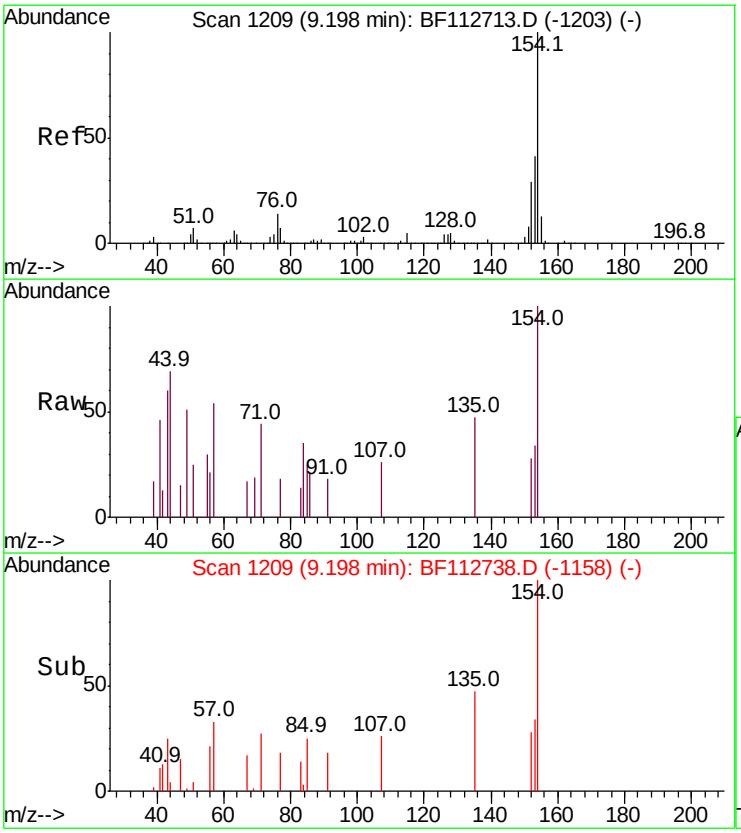
#45
2-Fluorobiphenyl
Concen: 36.128 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:172 Resp: 741376

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.8	20.0	30.0

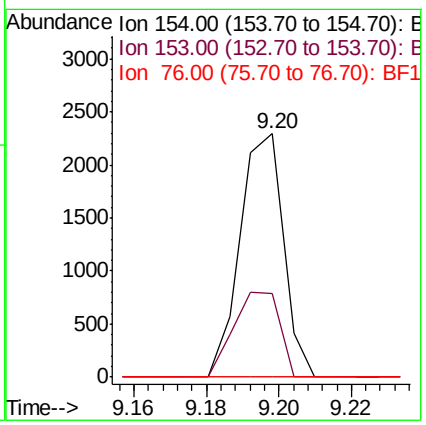


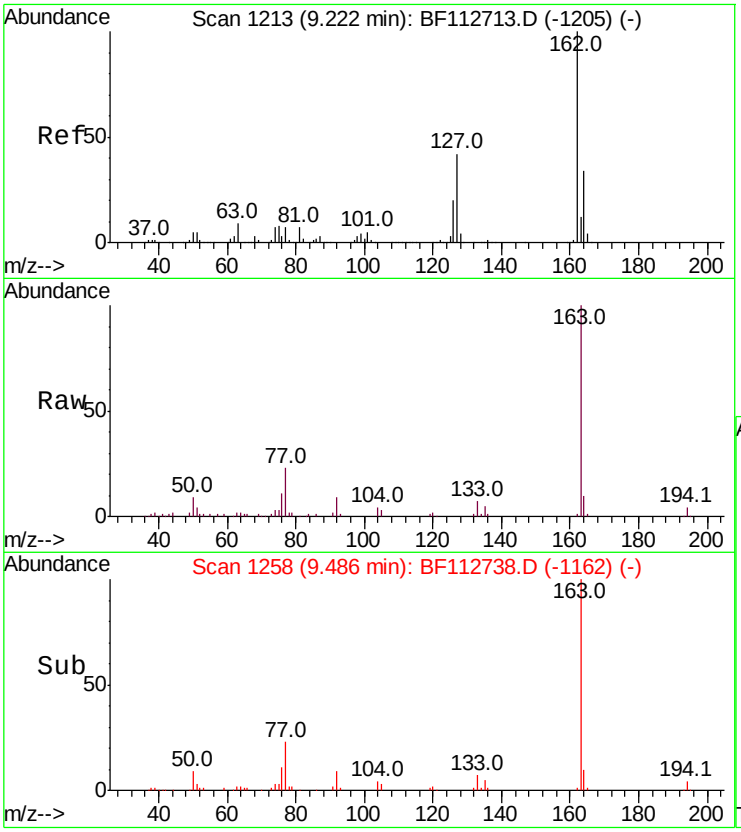


#46
1,1'-Biphenyl
Concen: 0.080 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:154 Resp: 1906

Ion	Ratio	Lower	Upper
154	100		
153	34.1	20.8	60.8
76	0.0	0.0	33.8



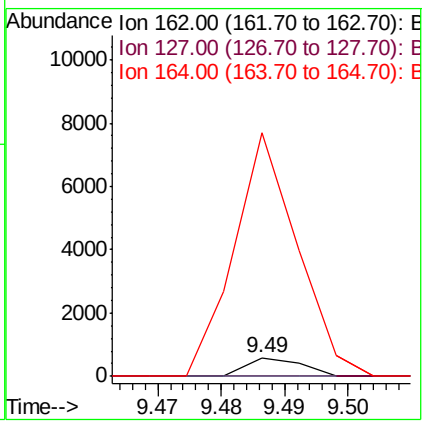


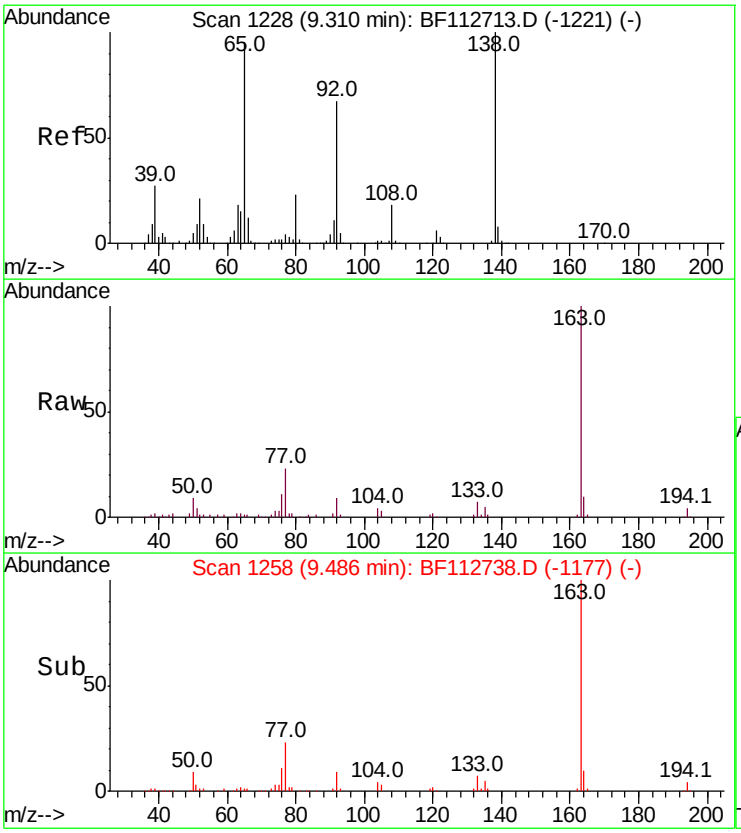
#47
2-Chloronaphthalene
Concen: 0.019 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:162 Resp: 359

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1315.2	26.9	40.3#

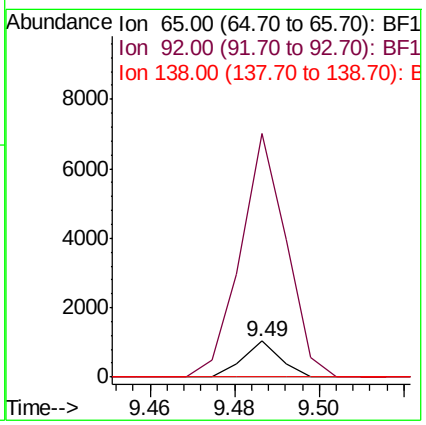


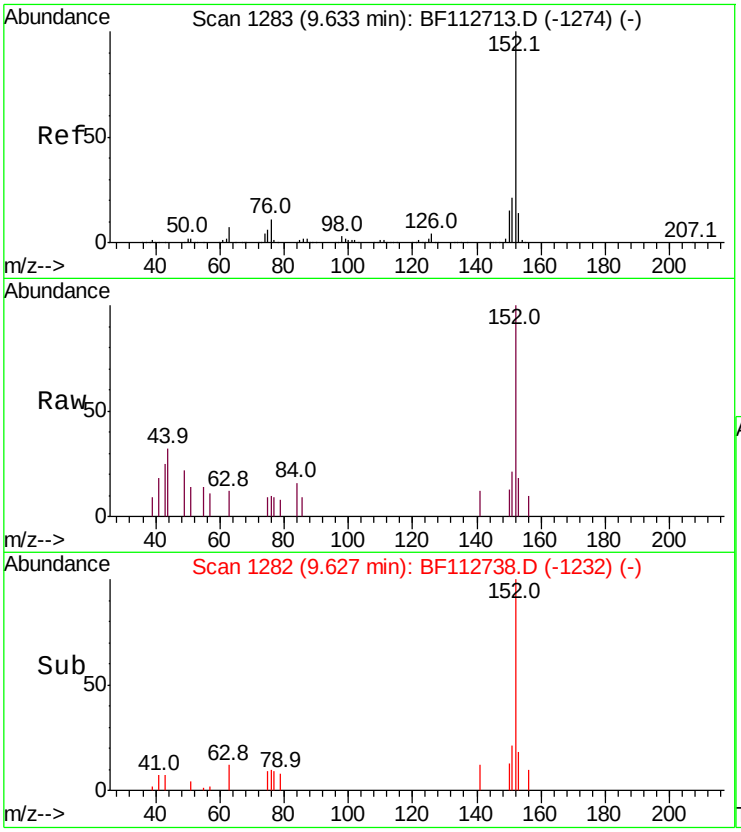


#48
2-Nitroaniline
Concen: 0.110 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.18 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 65 Resp: 622

Ion	Ratio	Lower	Upper
65	100		
92	682.0	56.4	84.6#
138	0.0	84.6	126.8#



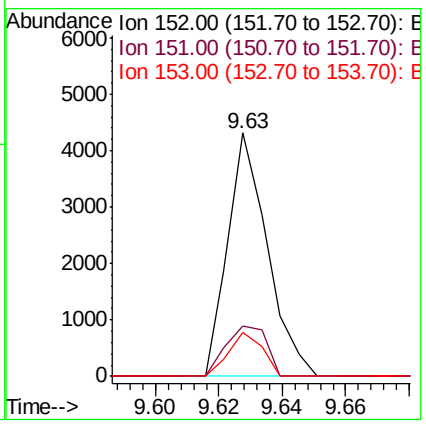


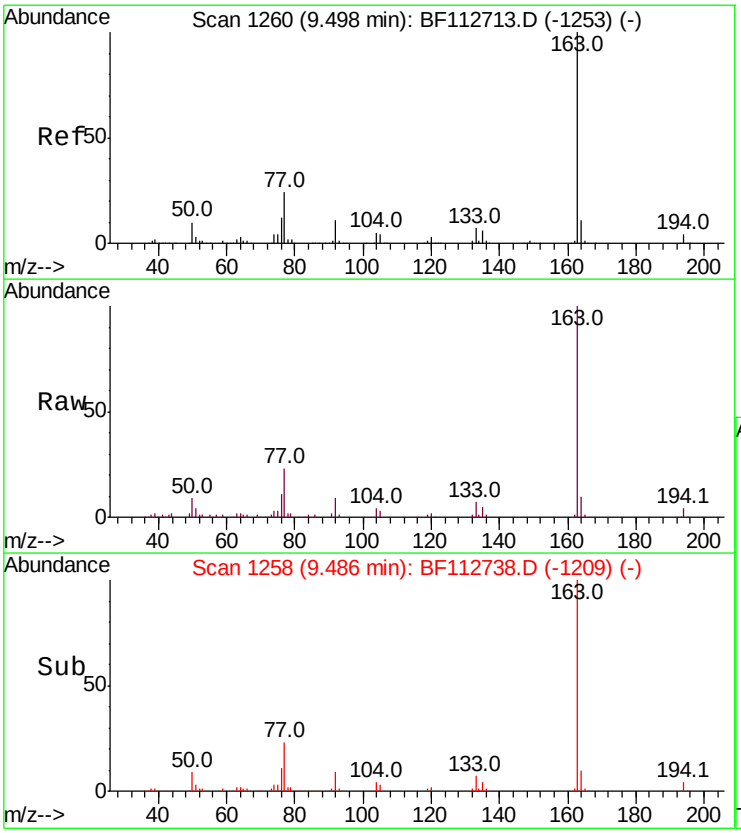
#49
Acenaphthylene
Concen: 0.118 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:152 Resp: 3713

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	17.9	11.0	16.6#

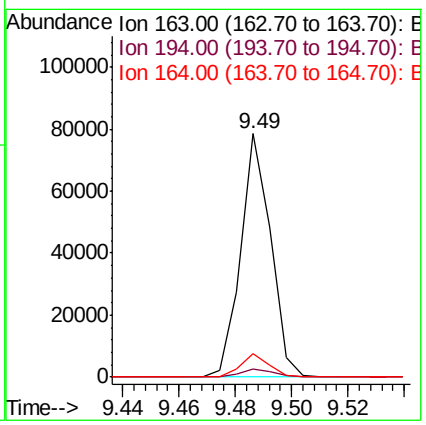


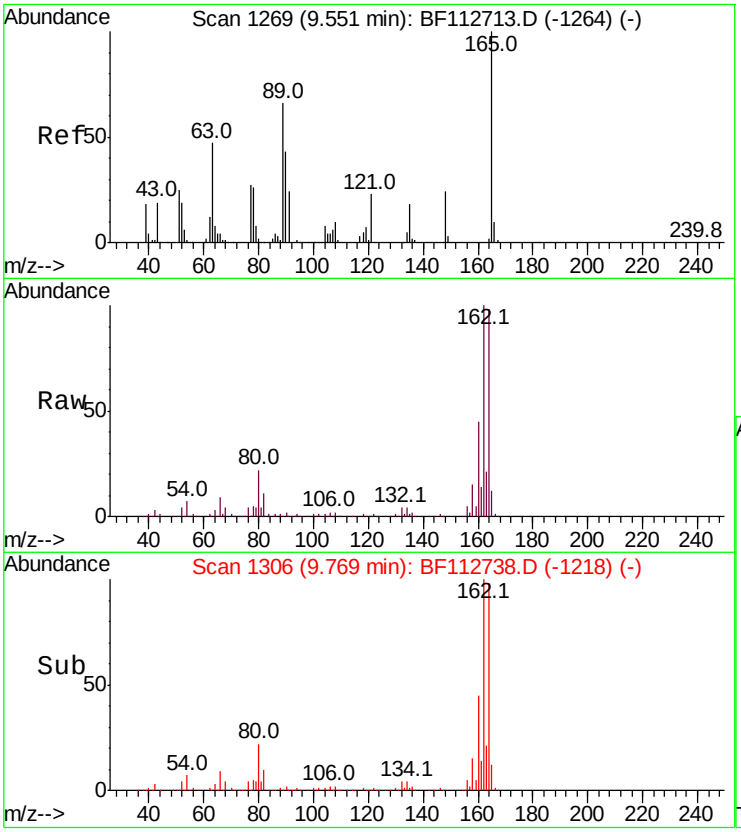


#50
Dimethylphthalate
Concen: 2.687 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:163 Resp: 57674

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.8	8.4	12.6



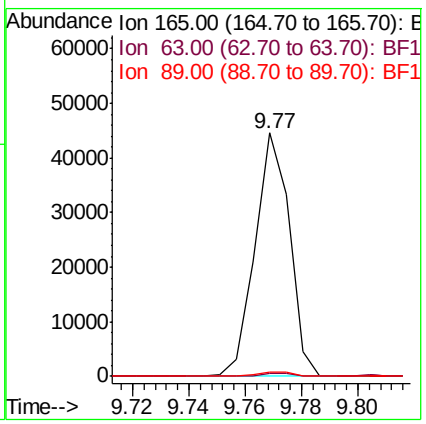


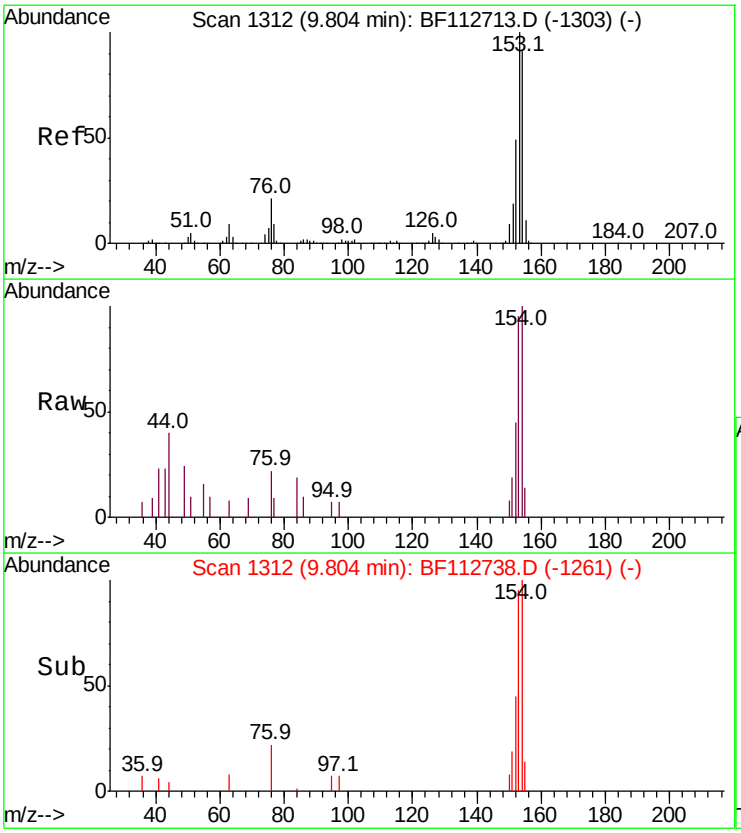
#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:165 Resp: 37657

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.6	52.8	79.2#

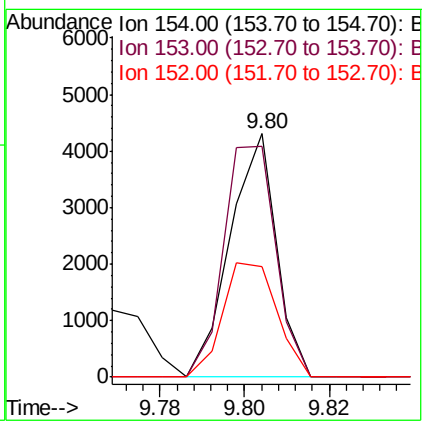


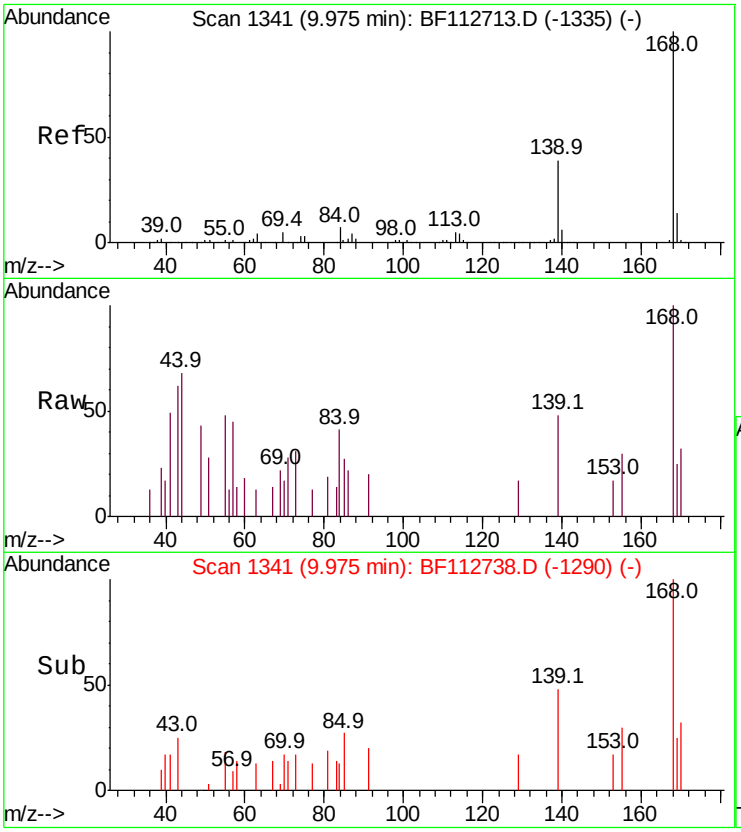


#52
Acenaphthene
Concen: 0.178 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:154 Resp: 3276

Ion	Ratio	Lower	Upper
154	100		
153	94.9	87.8	131.8
152	45.2	43.0	64.6



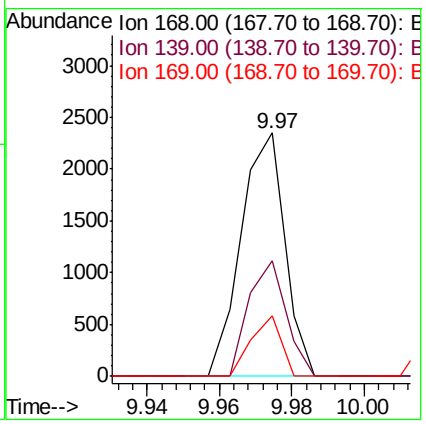


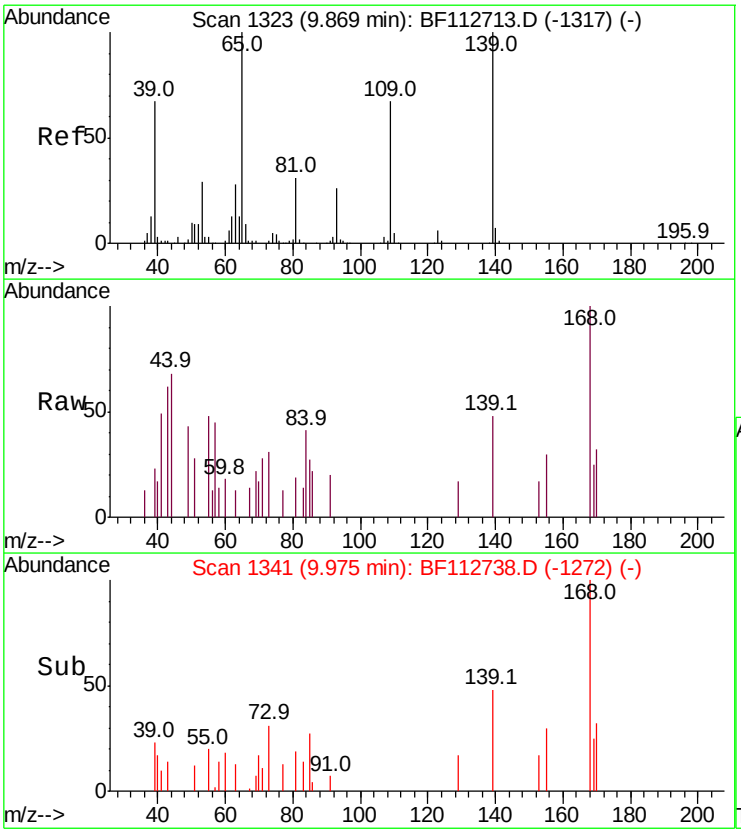
#55
Dibenzofuran
Concen: 0.074 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:168 Resp: 1970

Ion	Ratio	Lower	Upper
168	100		
139	47.6	31.3	46.9#
169	24.7	11.3	16.9#

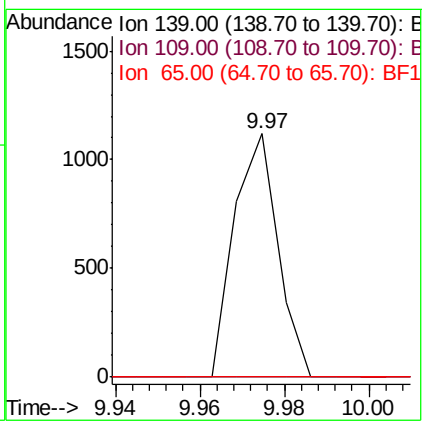


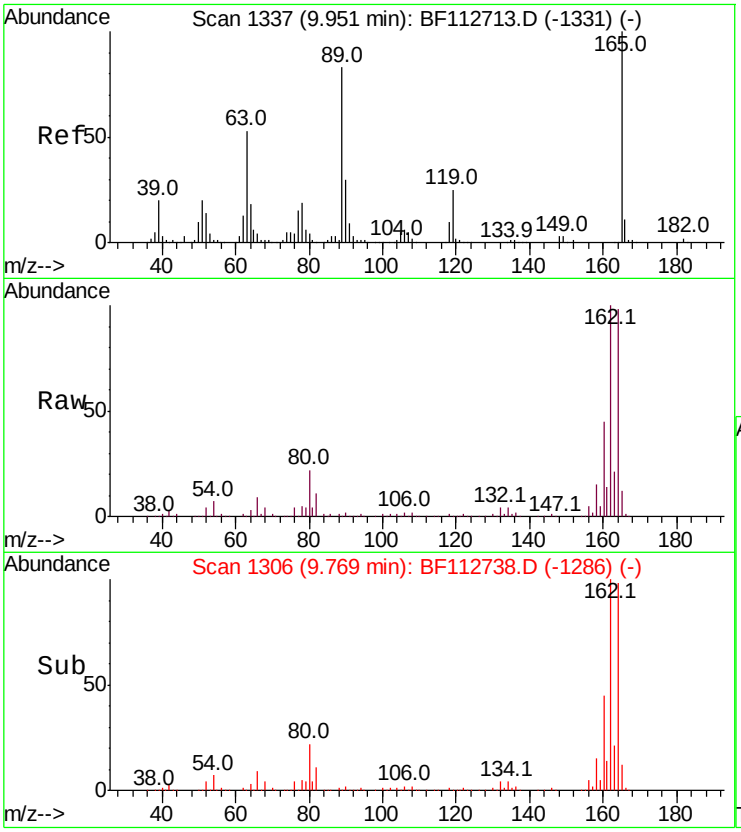


#56
4-Nitrophenol
Concen: 0.181 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.11 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:139 Resp: 802

Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.8	86.8#
65	0.0	80.7	120.7#



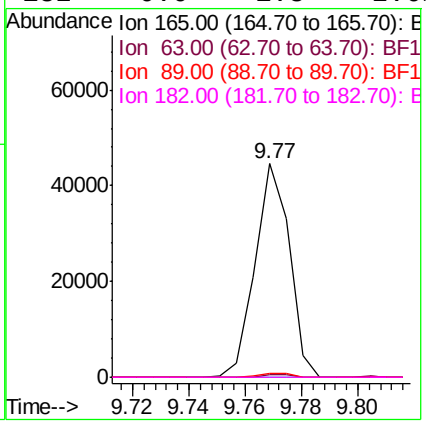


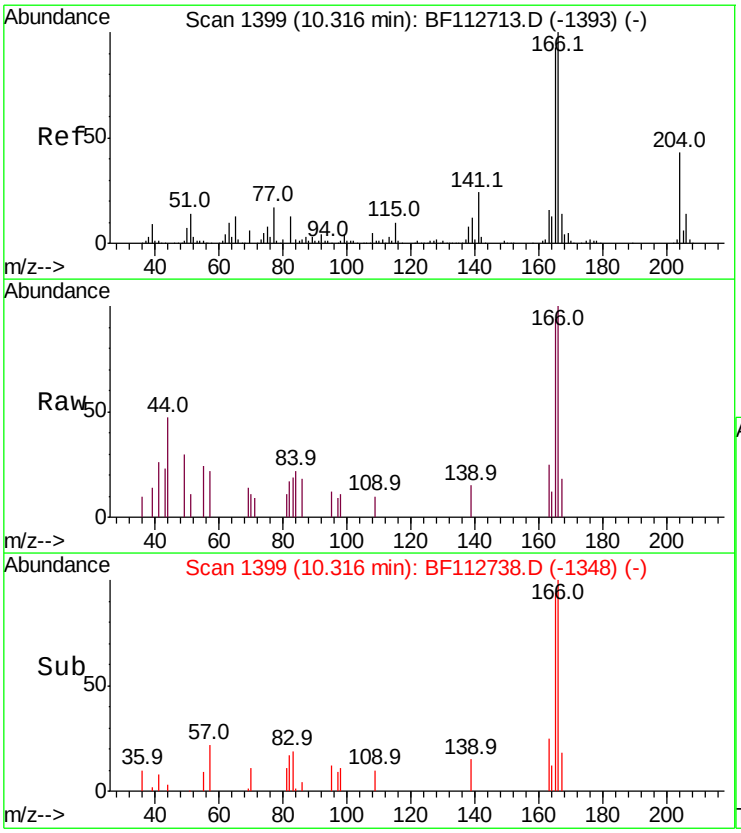
#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:165 Resp: 37657

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

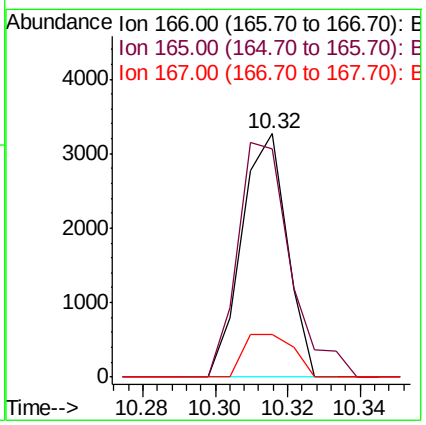


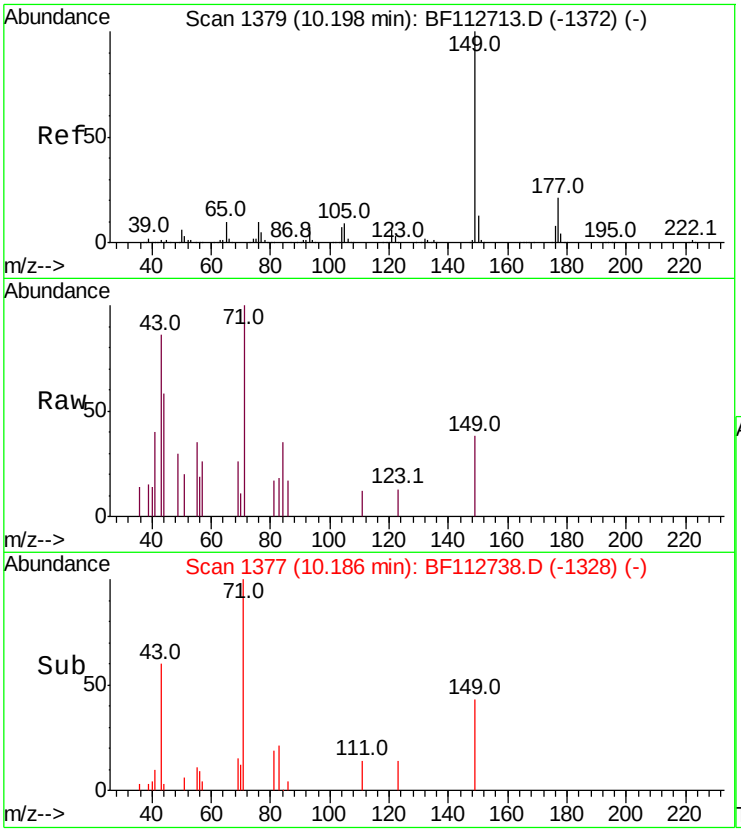


#58
Fluorene
Concen: 0.149 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:166 Resp: 2829

Ion	Ratio	Lower	Upper
166	100		
165	93.9	74.7	112.1
167	17.6	11.0	16.6#



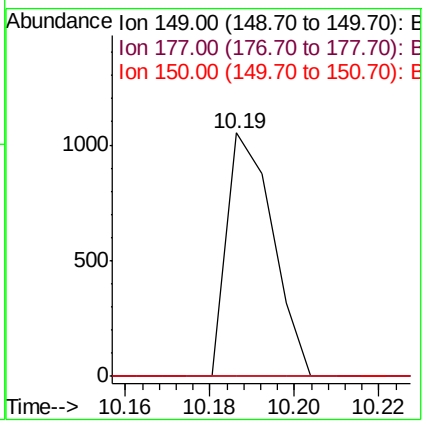


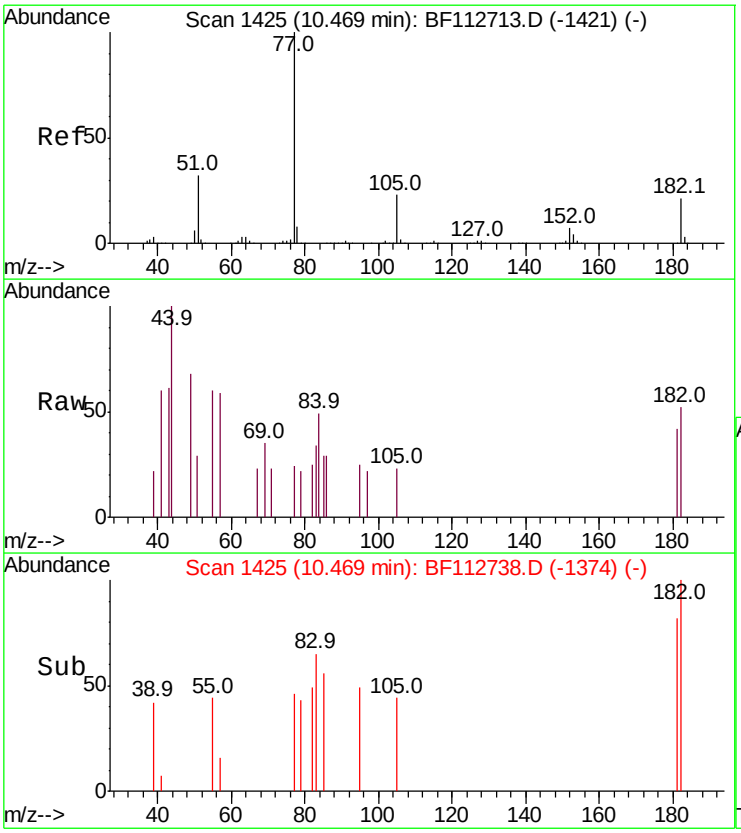
#60
Diethylphthalate
Concen: 0.035 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:149 Resp: 792

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.6#
150	0.0	10.0	15.0#

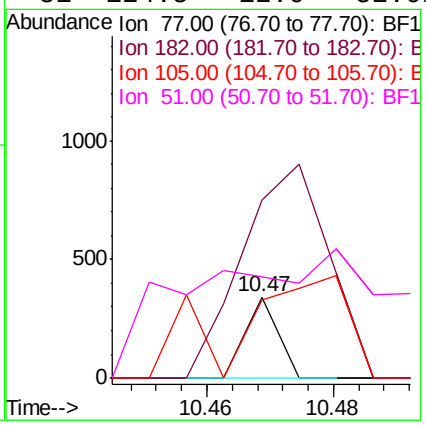


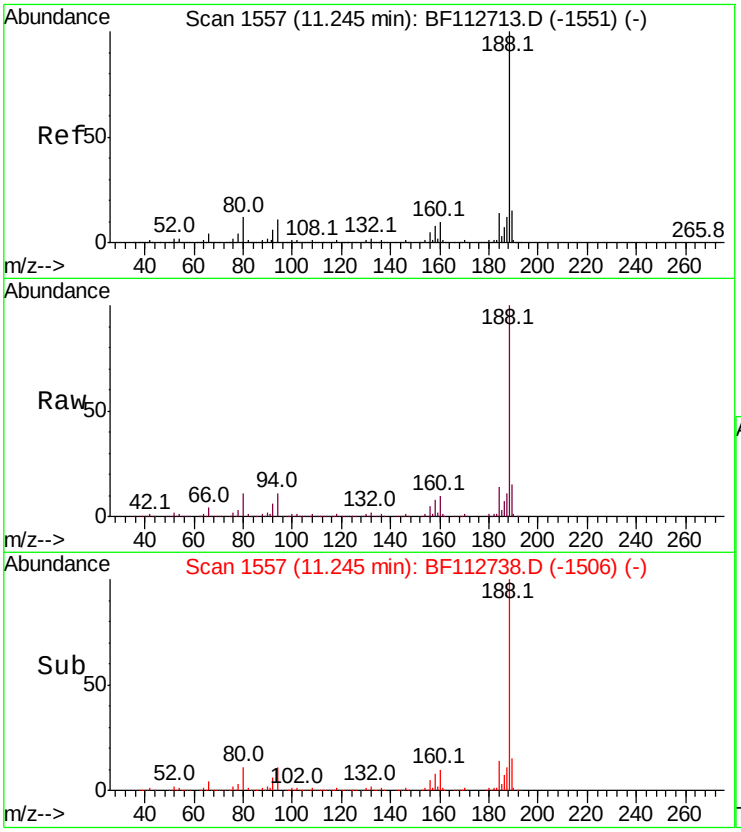


#63
Azobenzene
Concen: 0.005 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion: 77 Resp: 121

Ion	Ratio	Lower	Upper
77	100		
182	218.4	1.4	41.4#
105	96.5	2.6	42.6#
51	124.5	12.0	52.0#



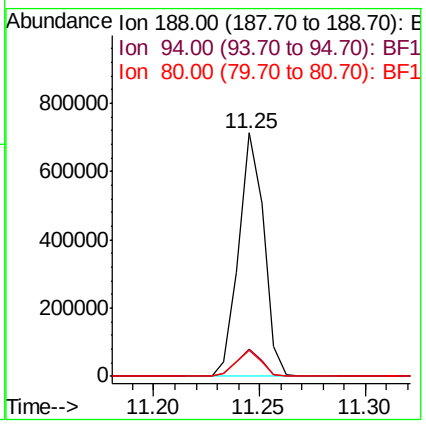


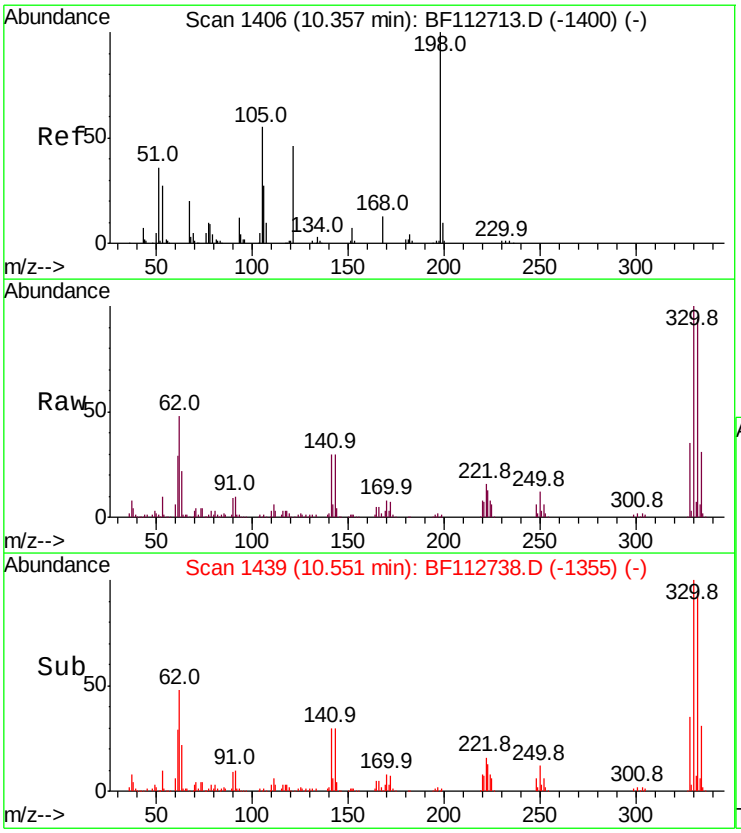
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:188 Resp: 587282

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	10.9	9.2	13.8

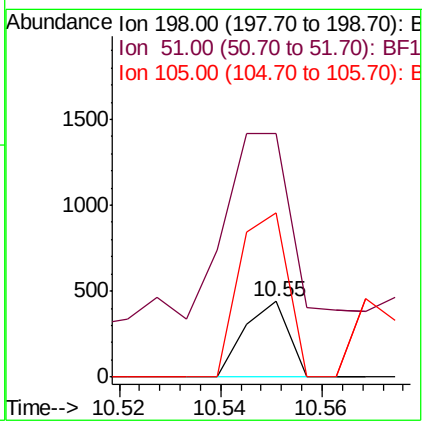


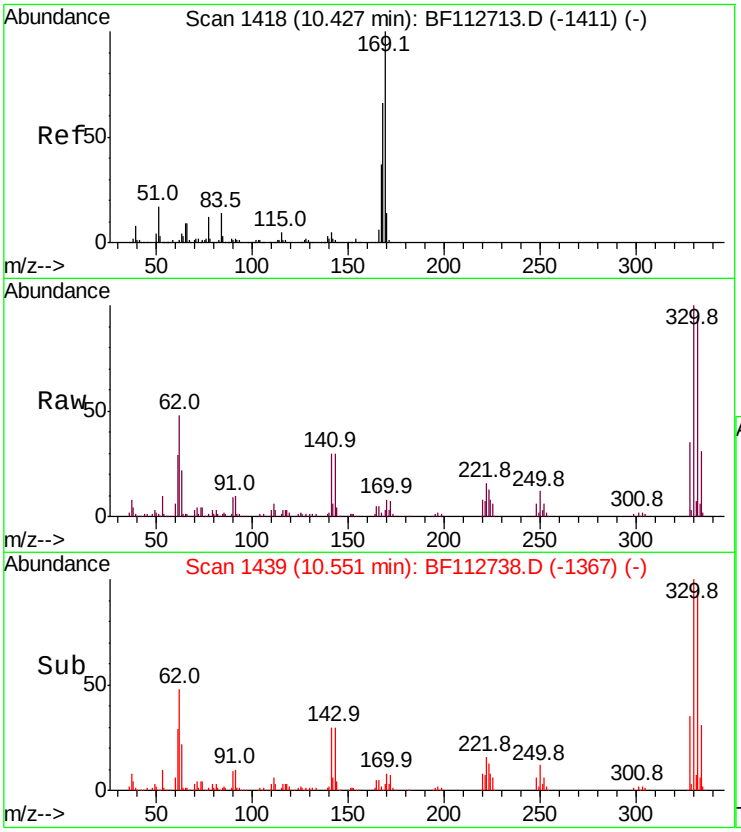


#65
4,6-Dinitro-2-methylphenol
Concen: 4.711 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:198 Resp: 263

Ion	Ratio	Lower	Upper
198	100		
51	322.0	43.8	83.8#
105	216.8	36.5	76.5#



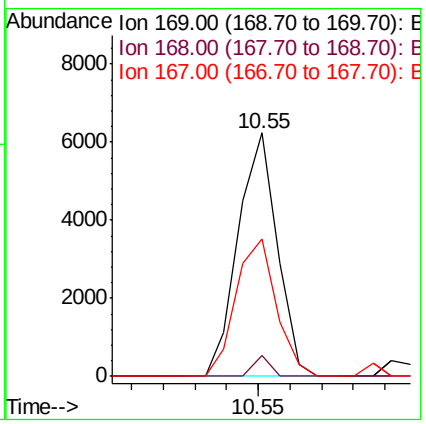


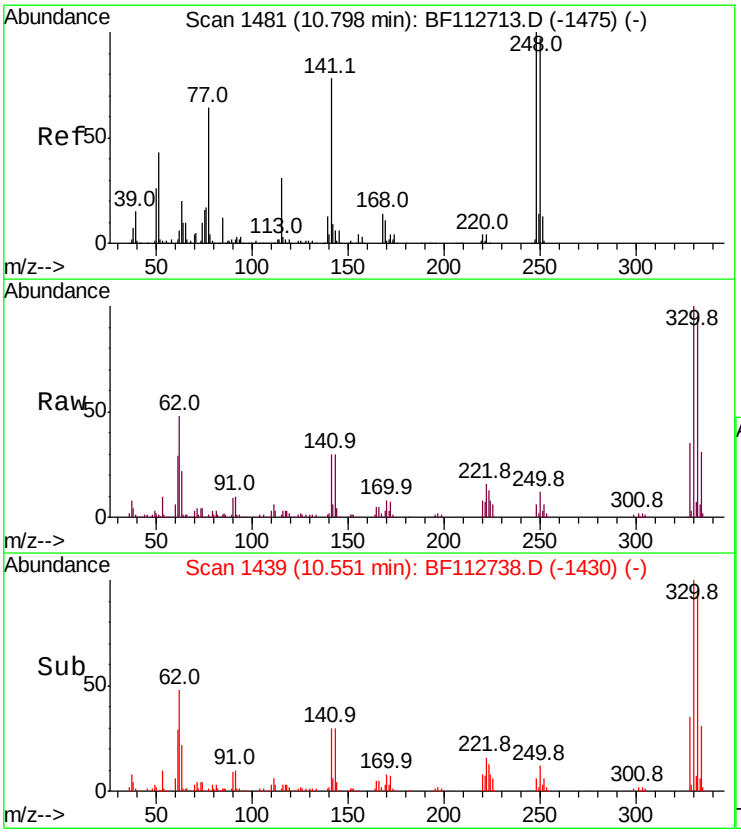
#66
n-Nitrosodiphenylamine
Concen: 0.283 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.12 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:169 Resp: 5325

Ion	Ratio	Lower	Upper
169	100		
168	8.8	53.0	79.6#
167	56.6	29.3	43.9#

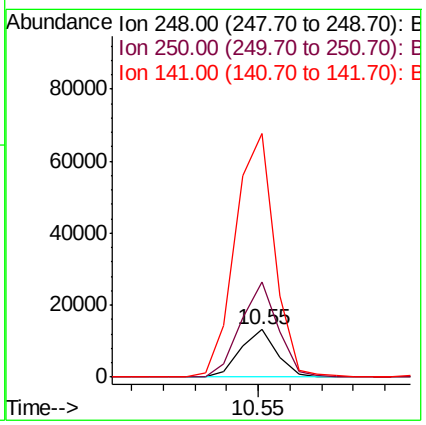


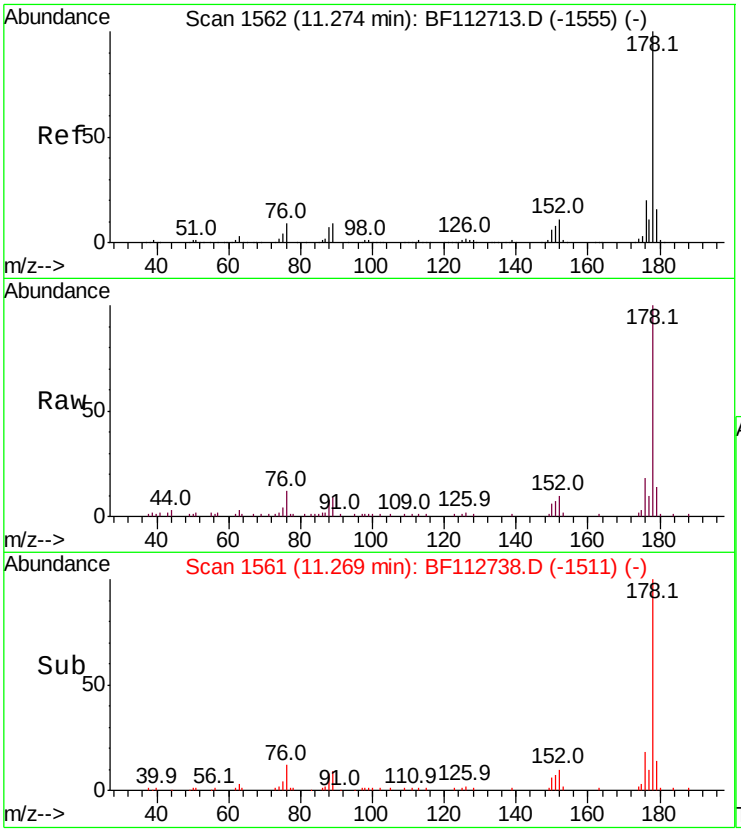


#67
4-Bromophenyl-phenylether
Concen: 1.684 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:248 Resp: 10418

Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.5	116.3#
141	512.5	62.4	93.6#



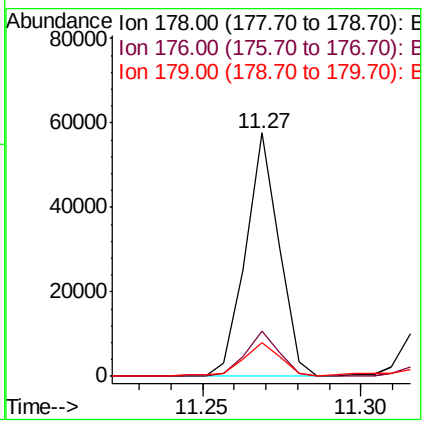


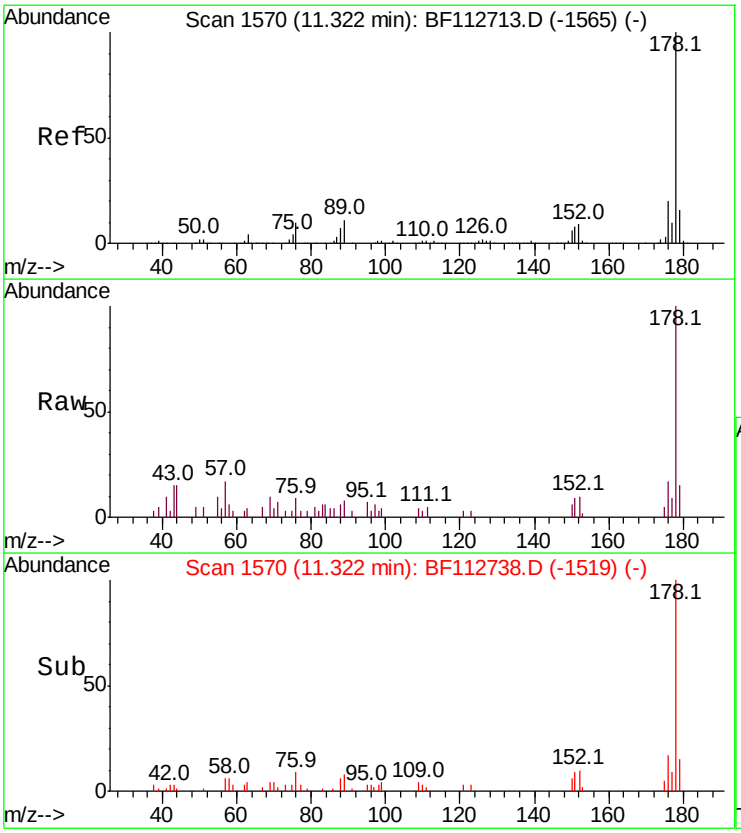
#71
Phenanthrene
Concen: 1.439 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:178 Resp: 42051

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.3	24.5
179	13.8	12.7	19.1

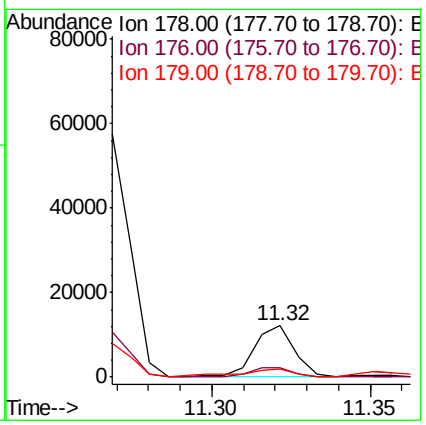


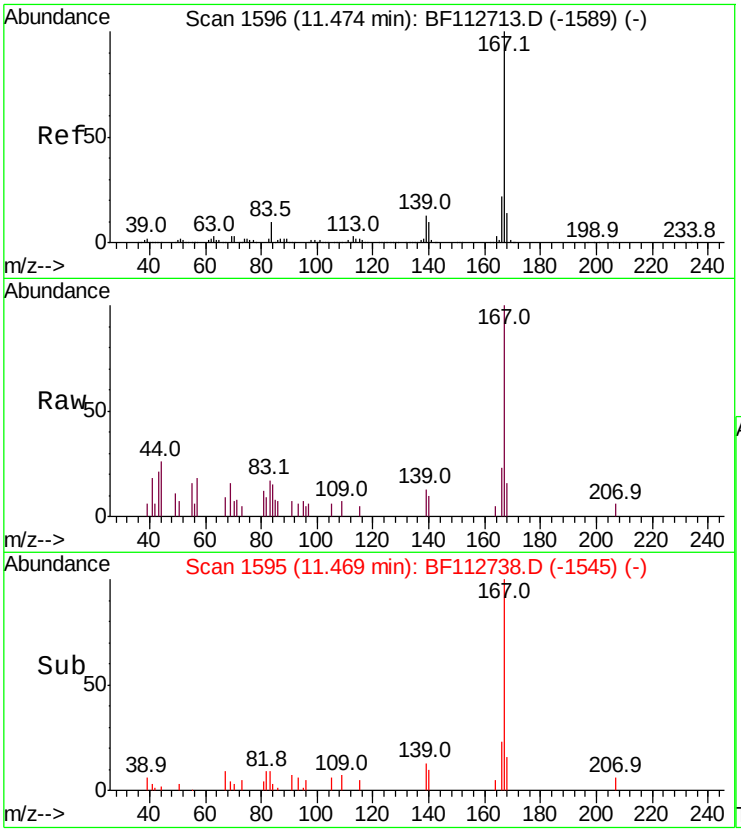


#72
Anthracene
Concen: 0.352 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:178 Resp: 10756

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.6
179	15.5	13.0	19.6



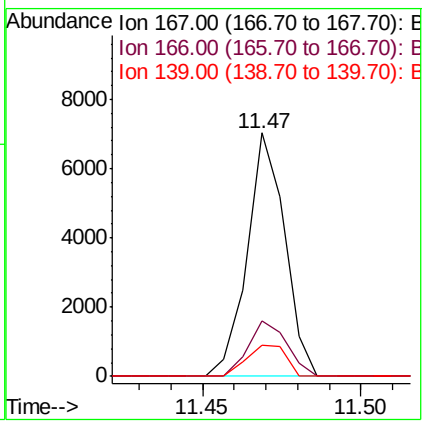


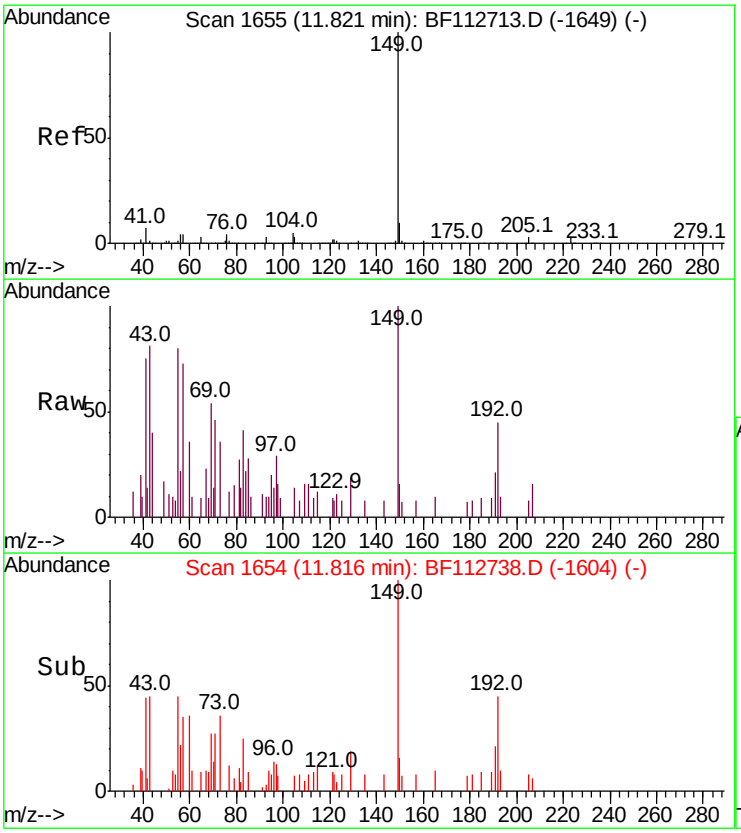
#73
Carbazole
Concen: 0.194 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:167 Resp: 5793

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.5	26.3
139	12.9	10.8	16.2

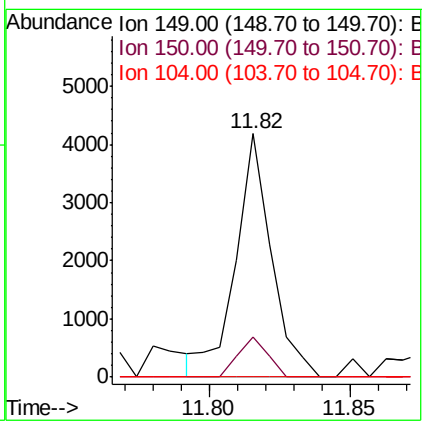


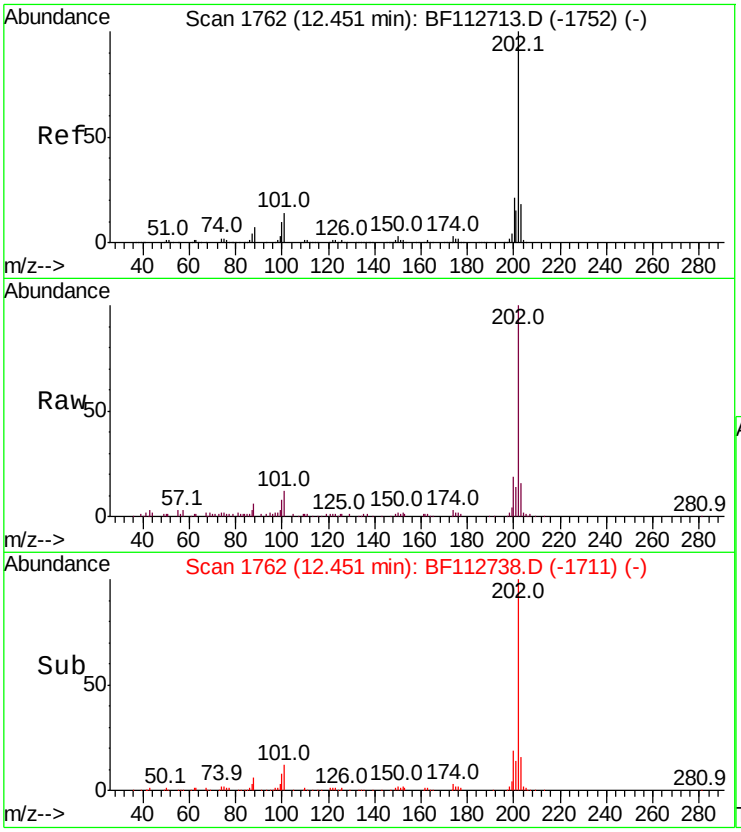


#74
Di-n-butylphthalate
Concen: 0.103 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:149 Resp: 3685

Ion	Ratio	Lower	Upper
149	100		
150	16.4	7.6	11.4#
104	0.0	3.7	5.5#



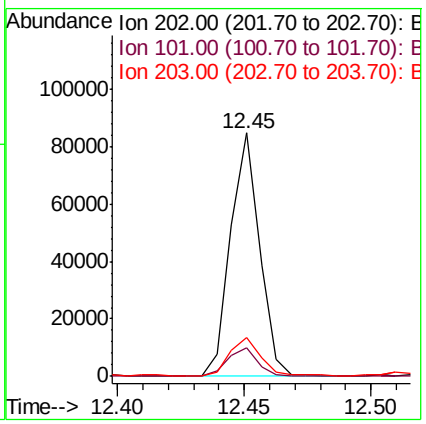


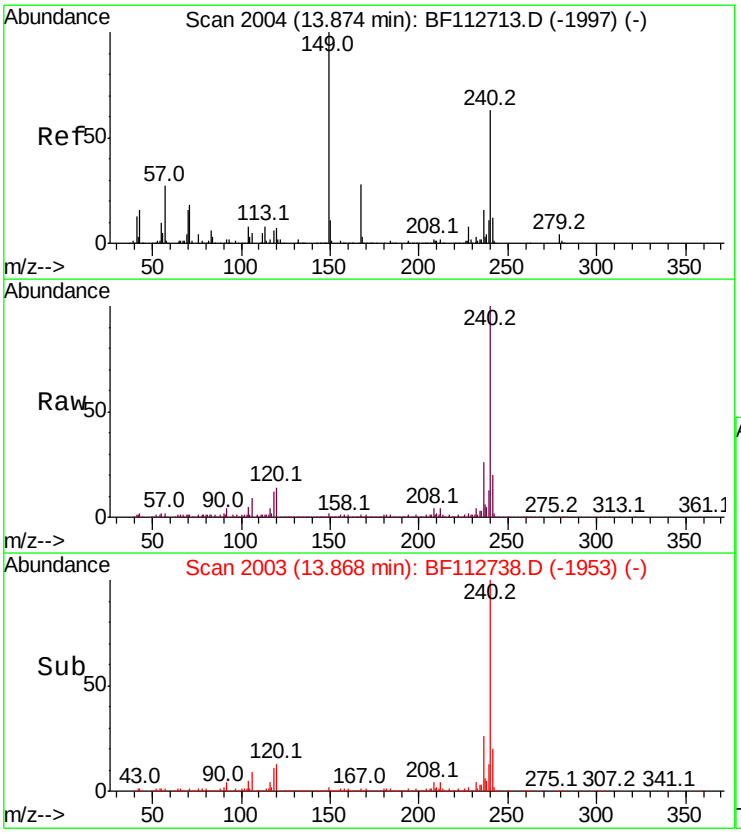
#75
Fluoranthene
Concen: 2.156 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:202 Resp: 67509

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.8
203	16.1	0.0	38.4

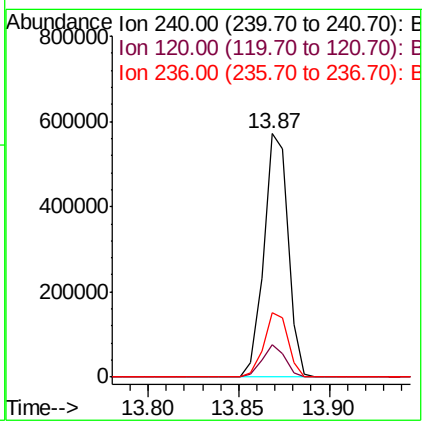


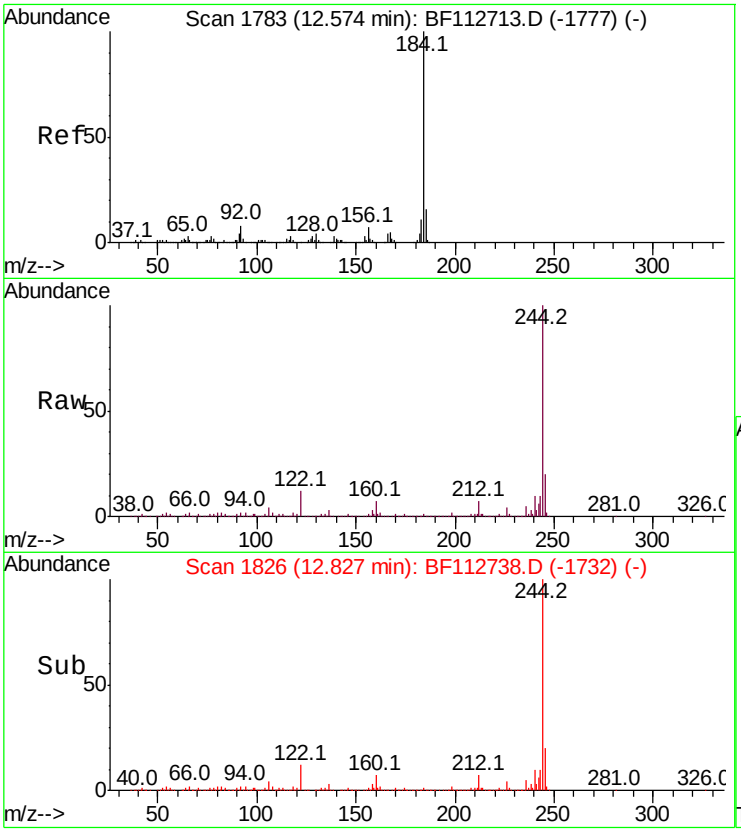


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:240 Resp: 533958

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.9	13.3#
236	26.2	20.7	31.1



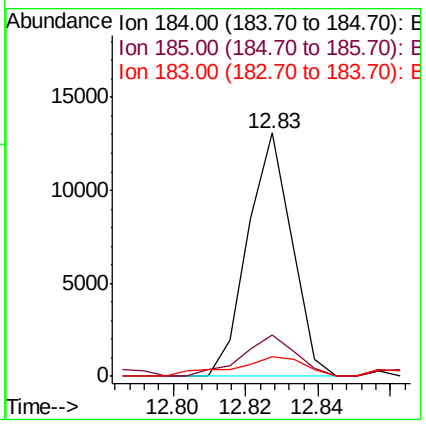


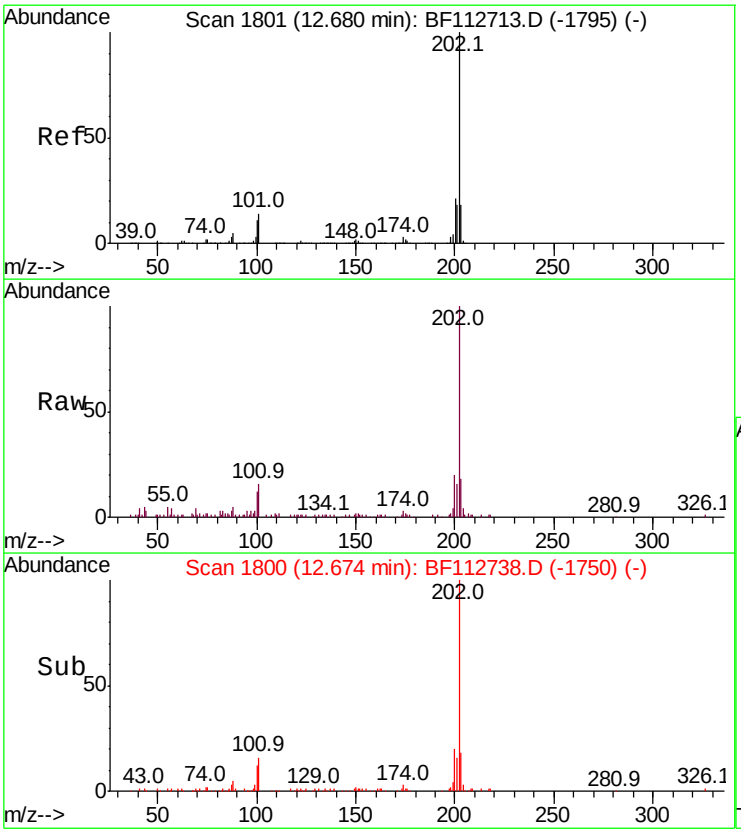
#77
Benzidine
Concen: 0.397 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.25 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:184 Resp: 11000

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	18.8
183	8.1	8.6	12.8#

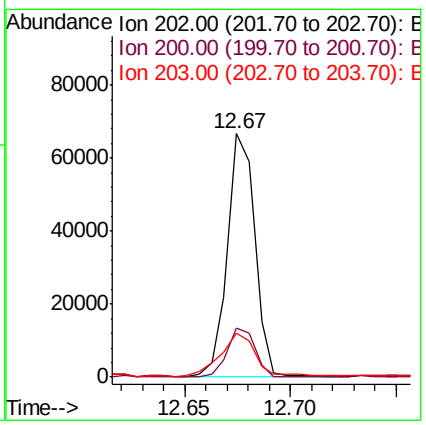


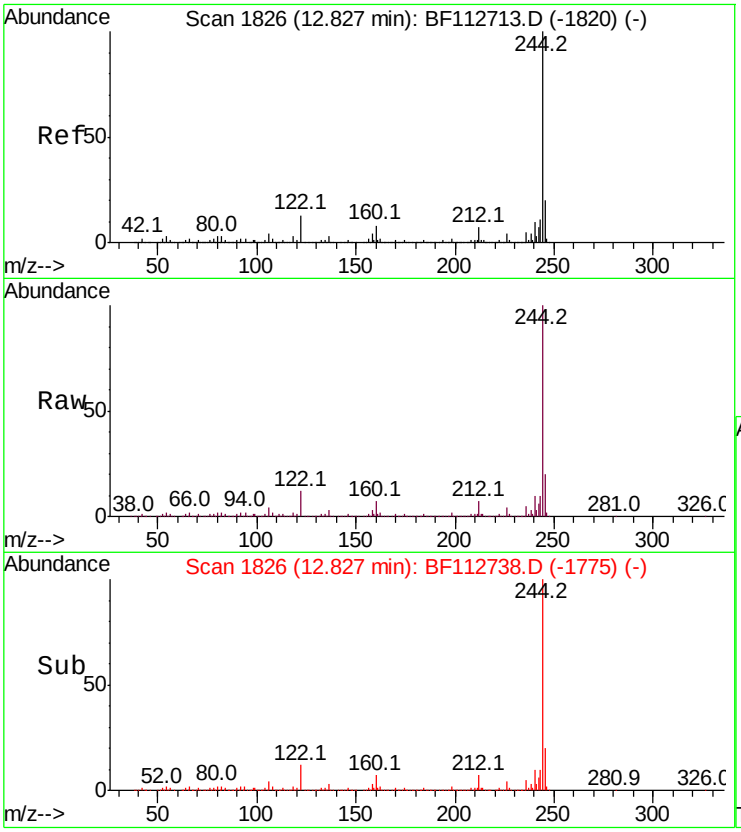


#78
Pyrene
Concen: 1.338 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:202 Resp: 60233

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	18.1	14.4	21.6



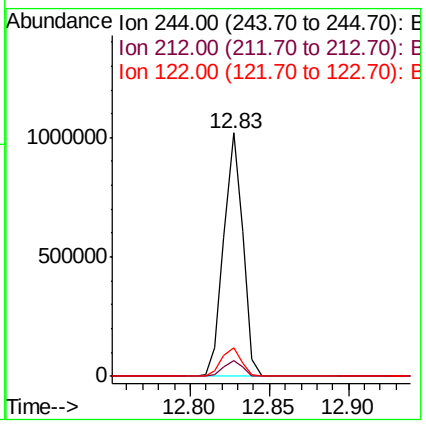


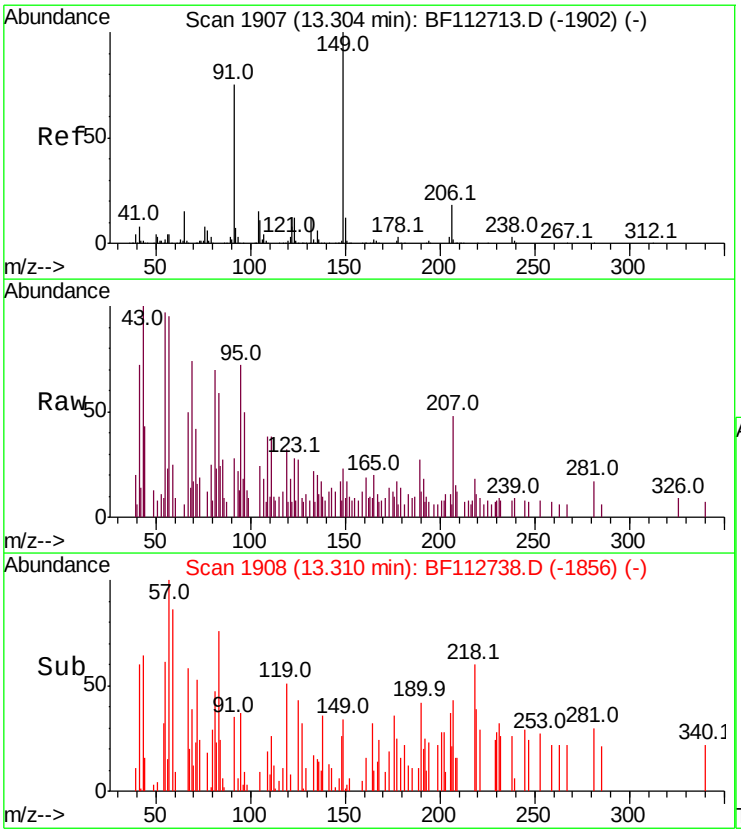
#79
Terphenyl-d14
Concen: 31.000 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:244 Resp: 853880

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	12.0	10.5	15.7

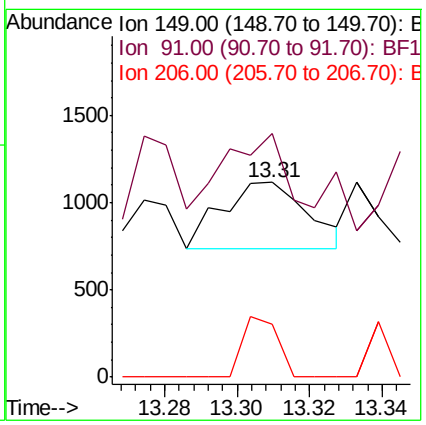


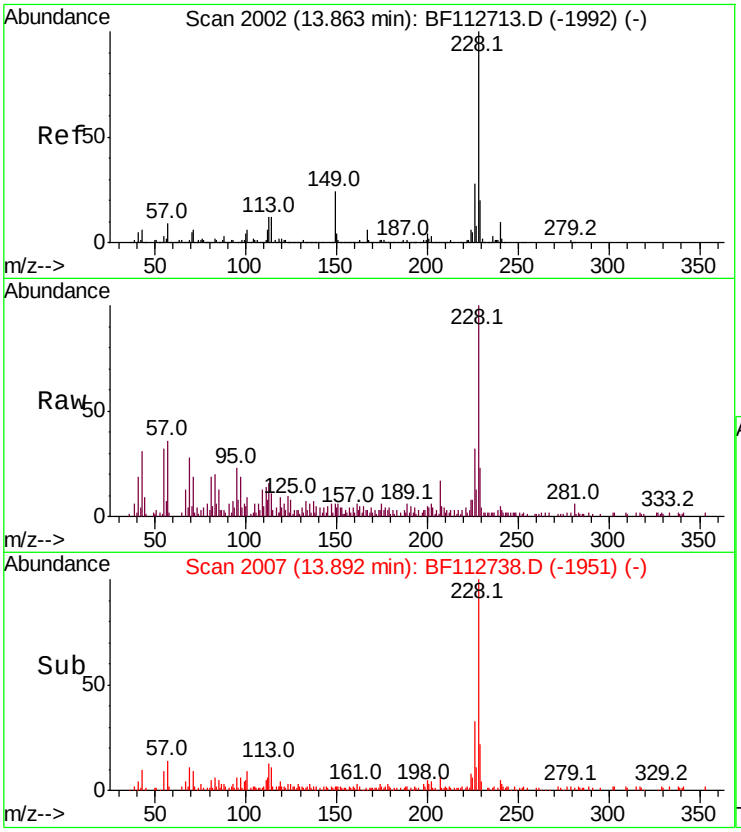


#80
Butylbenzylphthalate
Concen: 0.032 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:149 Resp: 631

Ion	Ratio	Lower	Upper
149	100		
91	125.2	59.9	89.9#
206	26.9	14.7	22.1#



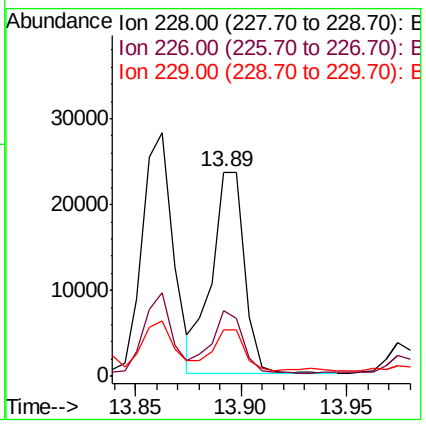


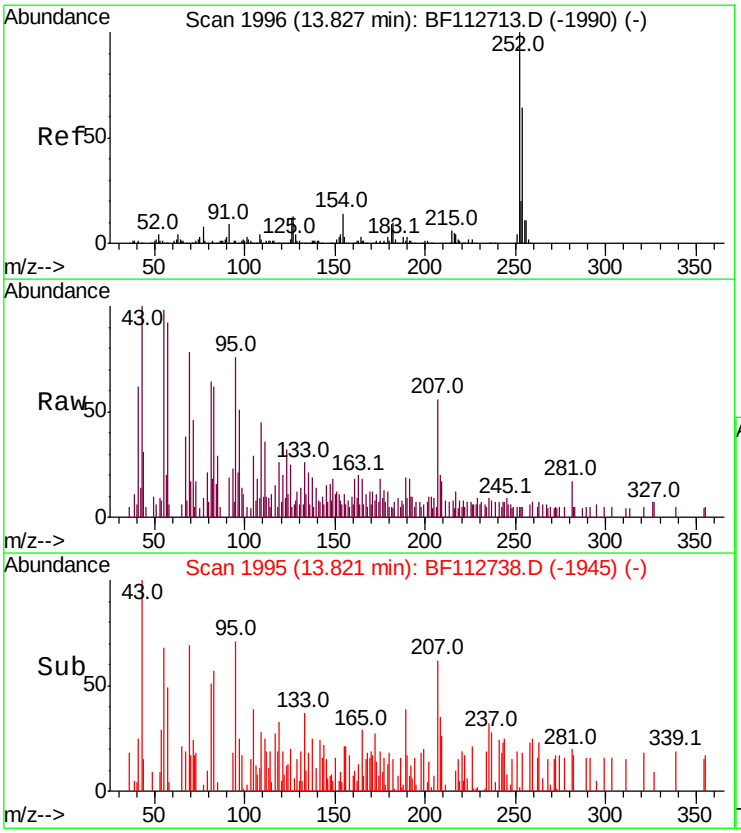
#81
Benzo(a)anthracene
Concen: 0.687 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.03 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:228 Resp: 25421

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.2	33.4
229	23.1	16.0	24.0

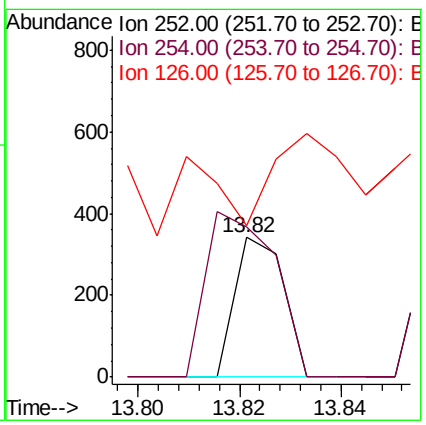


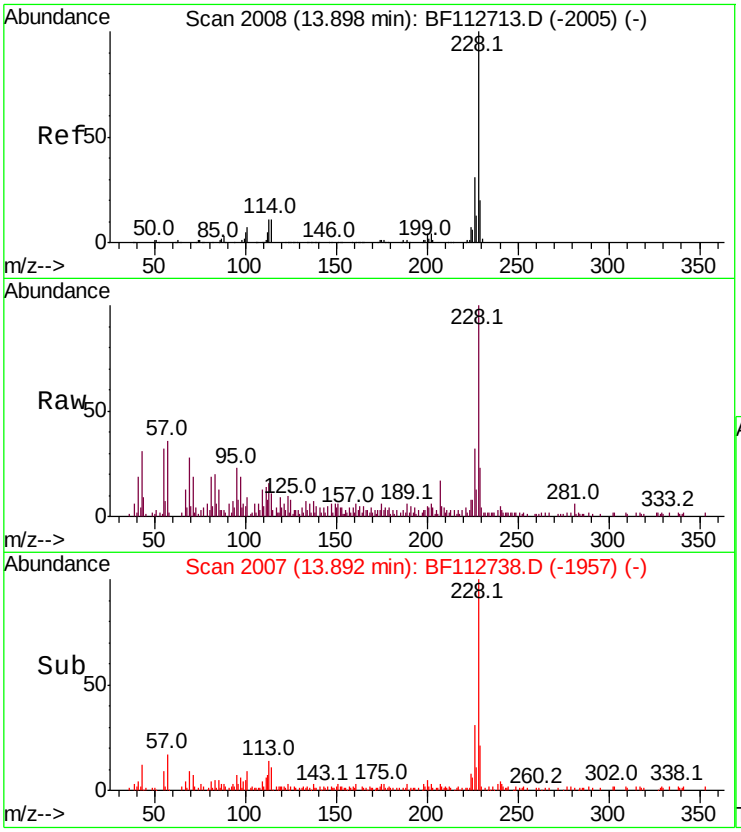


#82
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:252 Resp: 227

Ion	Ratio	Lower	Upper
252	100		
254	107.3	51.1	76.7#
126	108.2	9.9	14.9#



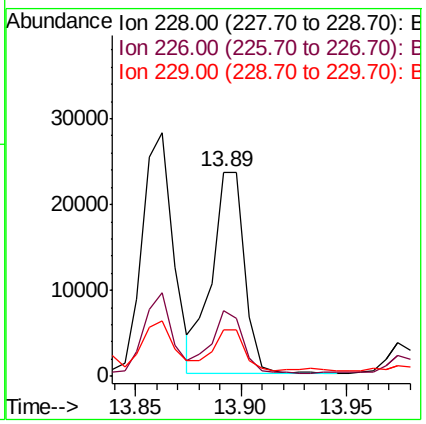


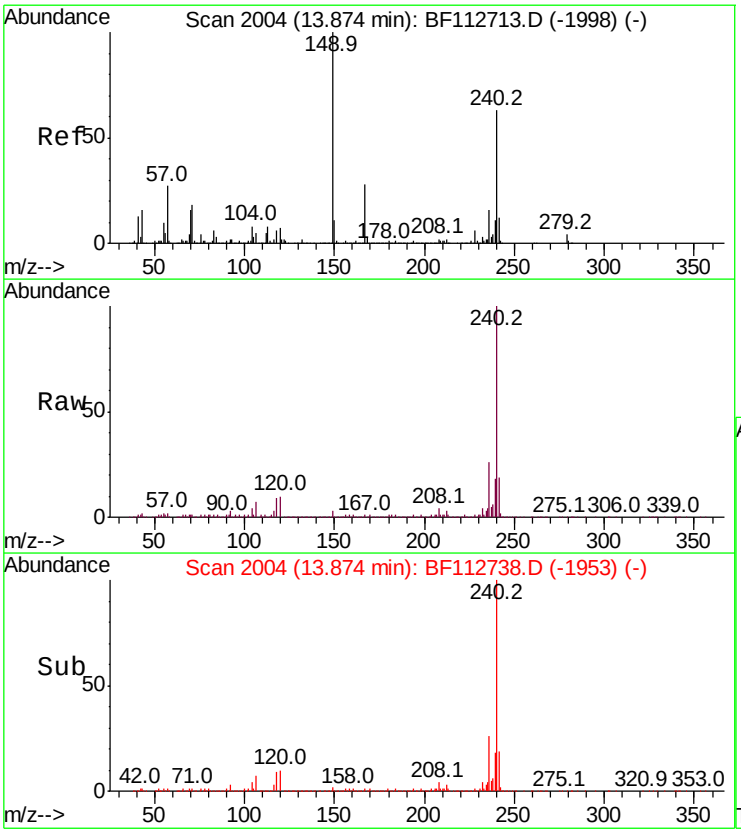
#83
Chrysene
Concen: 0.701 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:228 Resp: 25421

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	23.1	16.3	24.5

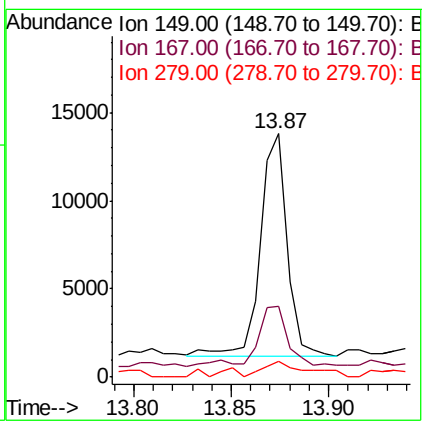


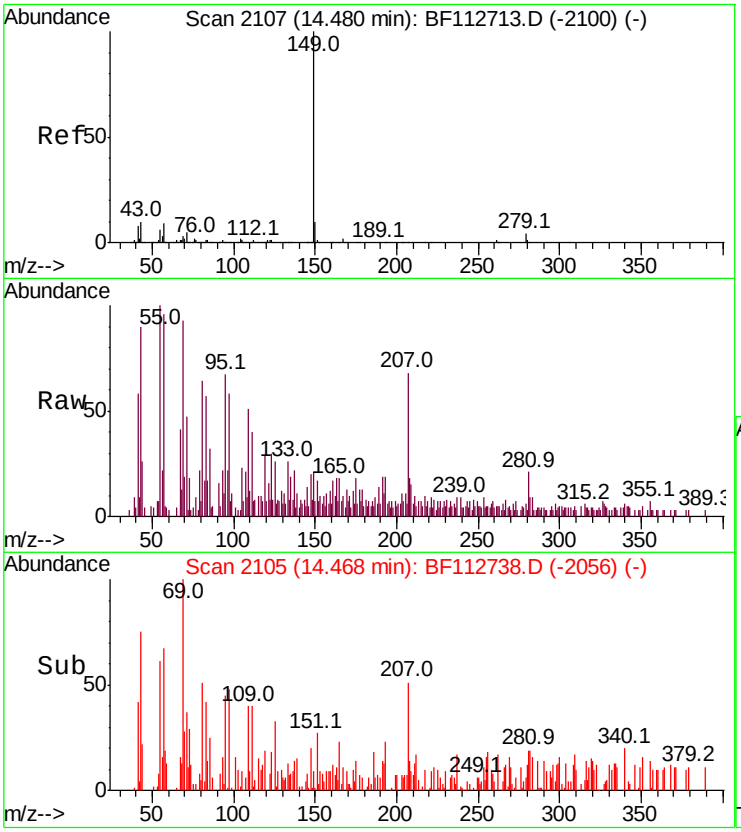


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.515 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:149 Resp: 12012

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	6.7	3.3	4.9#



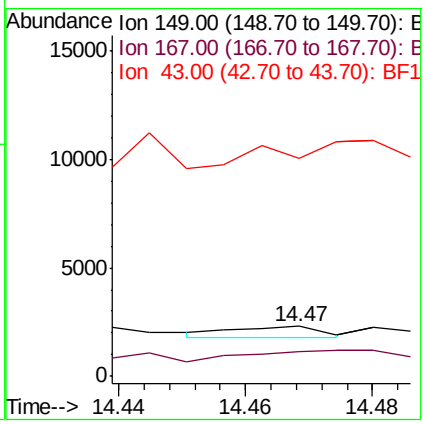


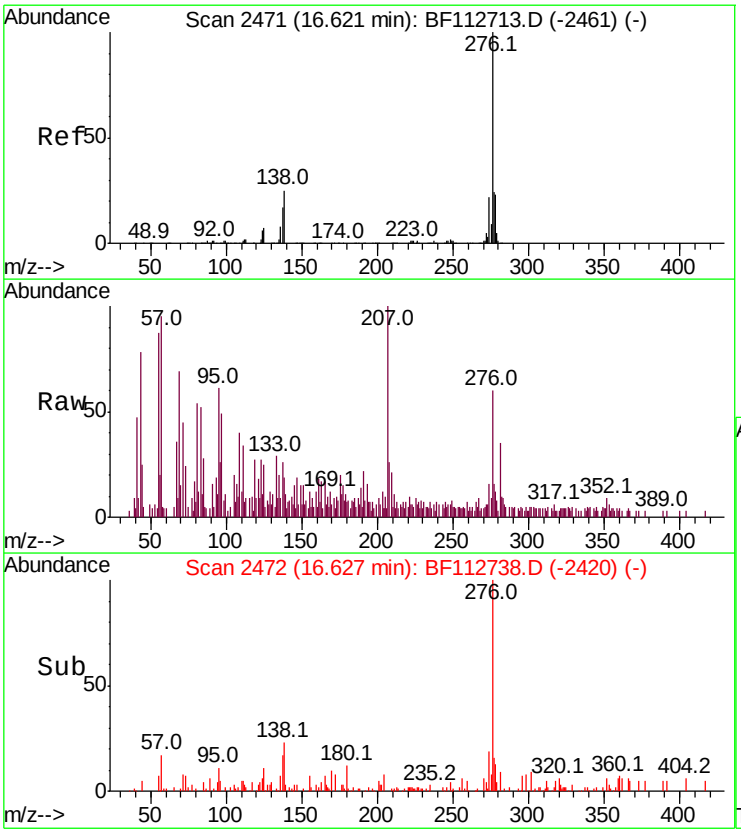
#85
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument : BNA_F
ClientSampleId : SB-03-(0-2)

Tgt Ion:149 Resp: 486

Ion	Ratio	Lower	Upper
149	100		
167	165.4	1.2	1.8#
43	273.0	9.0	13.4#

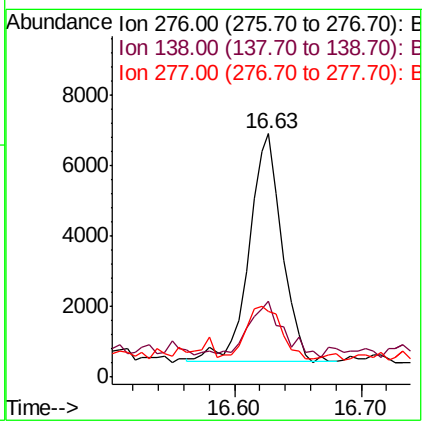


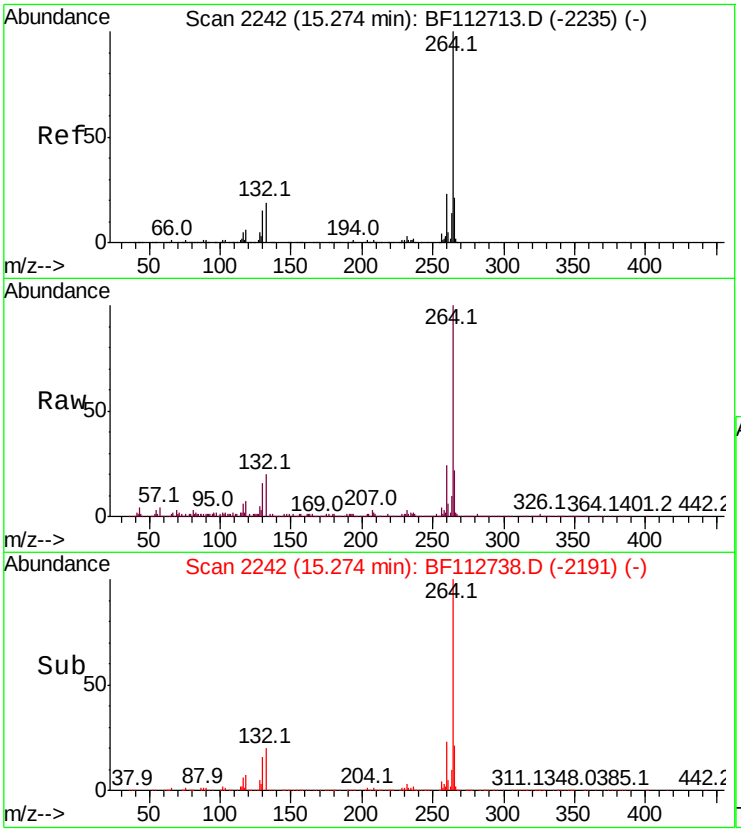


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:276 Resp: 11555

Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.2	34.8
277	24.5	19.9	29.9



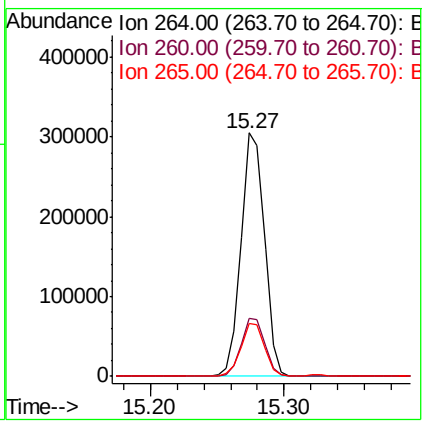


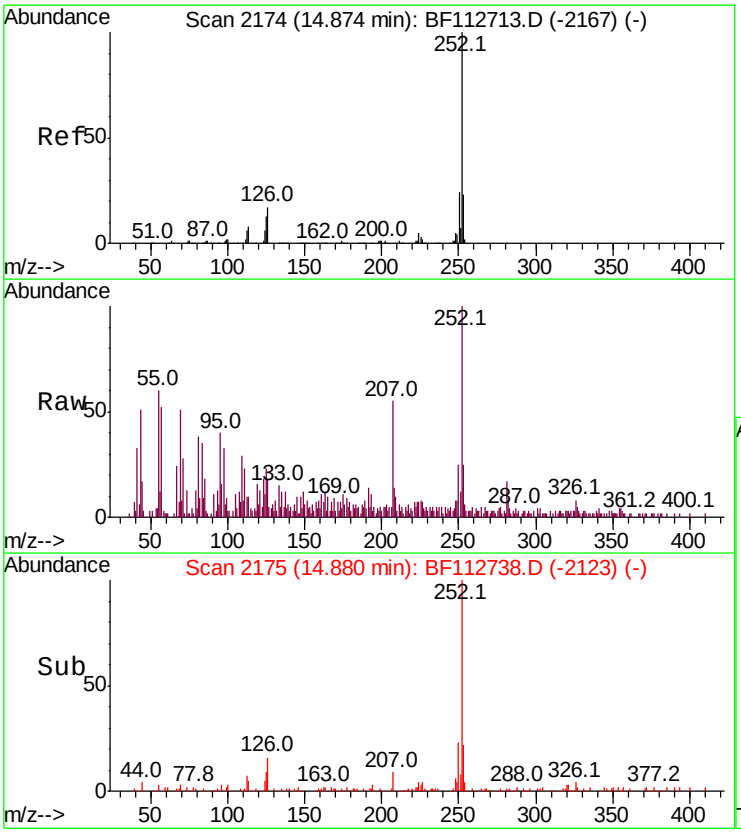
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:264 Resp: 367407

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.2	25.8

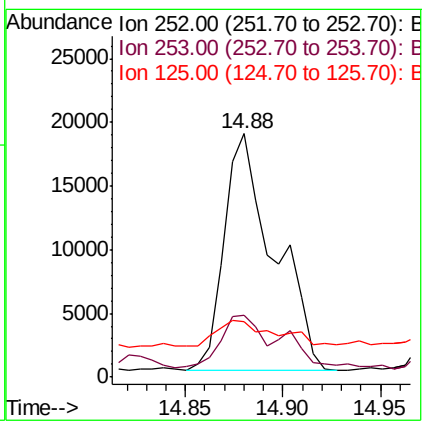


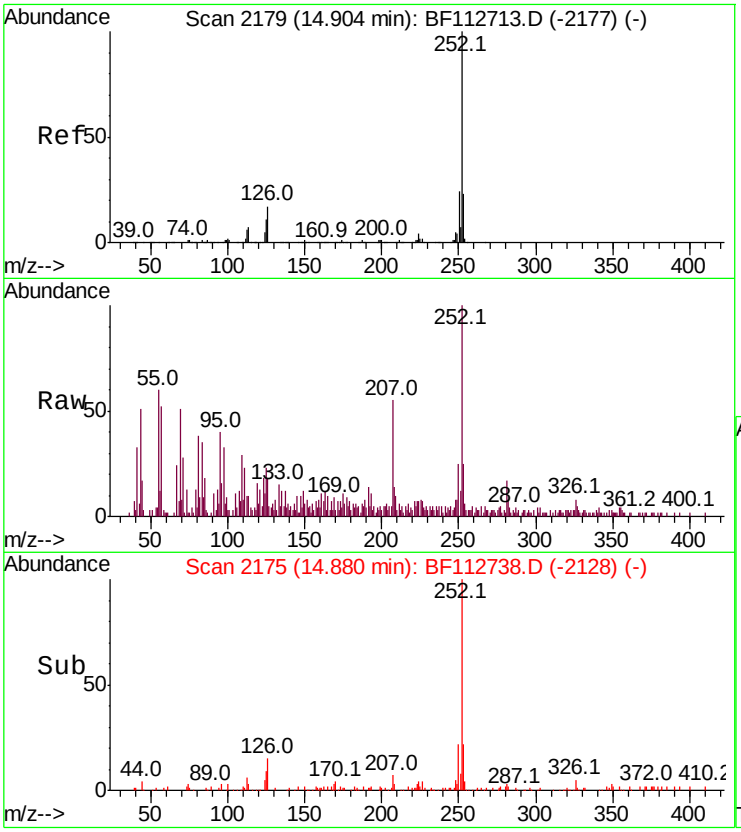


#88
Benzo(b)fluoranthene
Concen: 1.385 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:252 Resp: 32907

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	22.9	10.2	15.2#



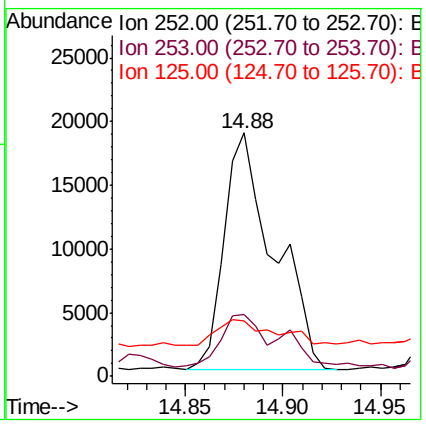


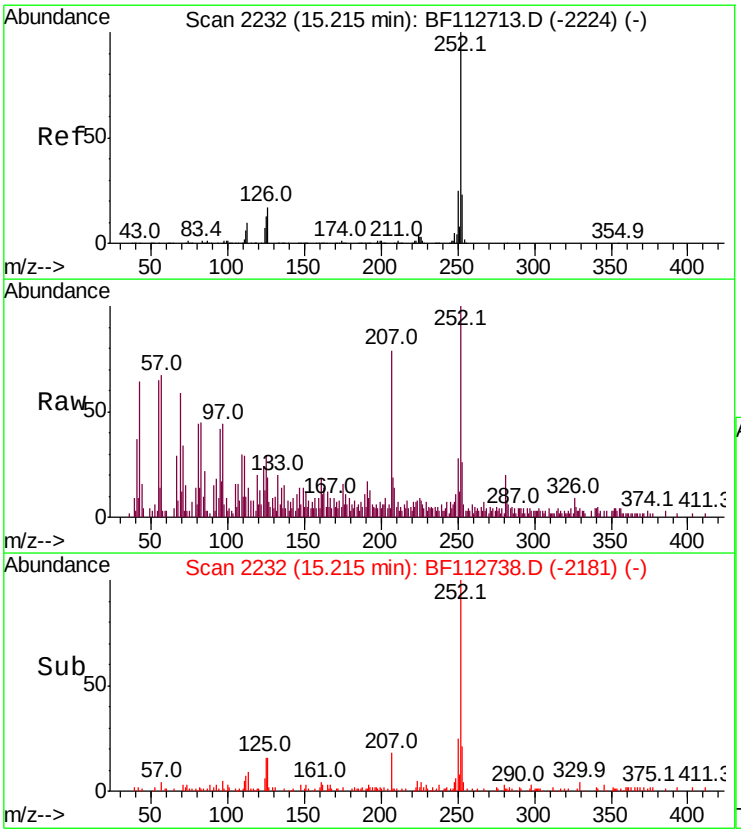
#89
Benzo(k)fluoranthene
Concen: 1.529 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:252 Resp: 32907

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	22.9	9.8	14.6#

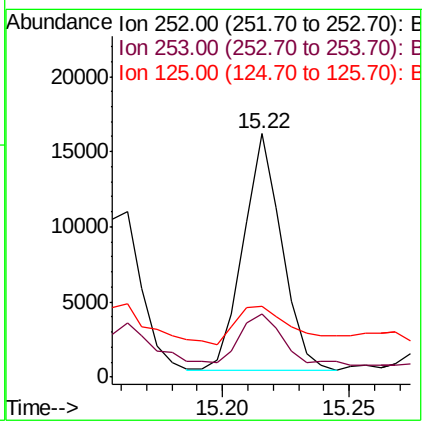


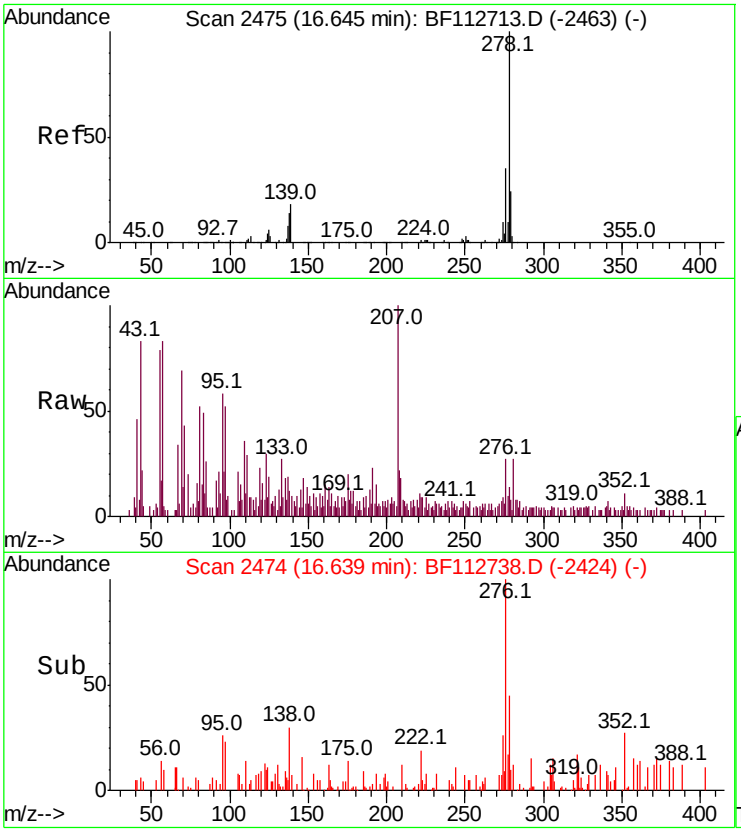


#90
Benzo(a)pyrene
Concen: 0.789 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:252 Resp: 16595

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	29.1	10.7	16.1#



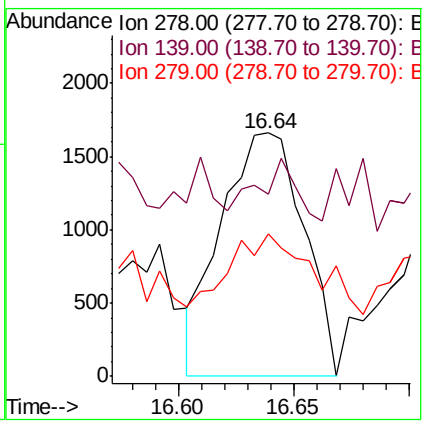


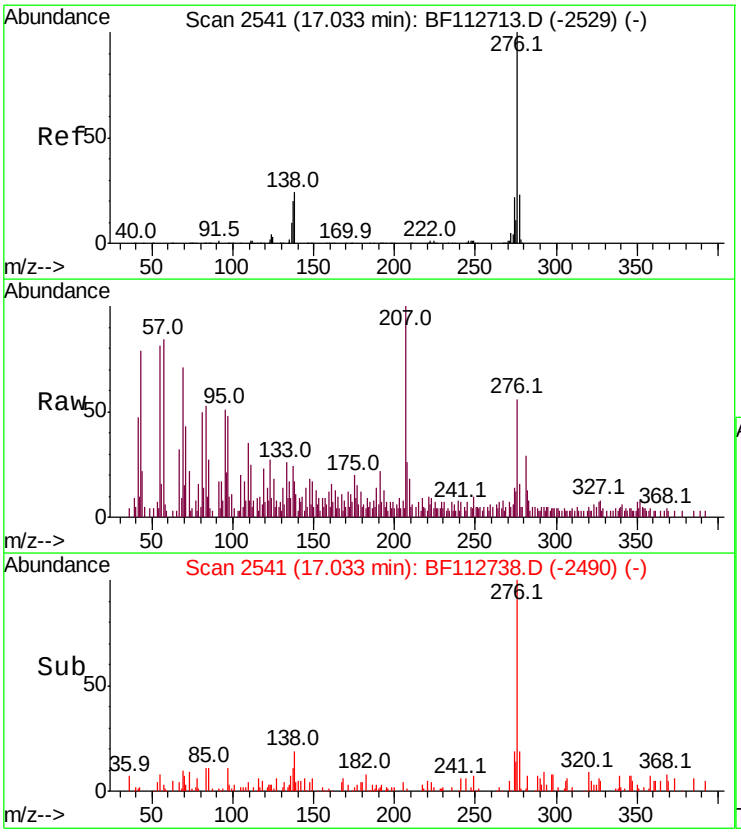
#91
Dibenzo(a,h)anthracene
Concen: 0.231 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tgt Ion:278 Resp: 4136

Ion	Ratio	Lower	Upper
278	100		
139	74.9	14.3	21.5#
279	58.7	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.881 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:276 Resp: 15873

Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.6	27.8#
138	31.1	19.4	29.0#