Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112736.D
Acq On : 27 Feb 2019 23:18
Operator : JU/SJ
Sample : K1594-39 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-9(4-5)

Quant Time: Feb 28 02:05:41 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	184456	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	655682	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	270190	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	537813	20.00	ng		0.00
76) Chrysene-d12	13.87	240	481426	20.00	ng		0.00
87) Perylene-d12	15.28	264	312871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	187495	15.81	ng		-0.01
7) Phenol-d6	6.36	99	236056	15.85	ng		-0.01
23) Nitrobenzene-d5	7.29	82	118826	10.84	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	46627	16.26	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	223725	1.21	ng		0.00
79) Terphenyl-d14	12.83	244	258905	10.43	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.39	93	302	0.015	ng	#	42
9) Benzaldehyde	6.28	77	228	0.021	ng	#	1
10) Phenol	6.37	94	3581	0.206	ng		98
11) bis(2-Chloroethyl)ether	6.50	93	152	0.011	ng	#	1
15) Benzyl Alcohol	6.90	79	2475	0.218	ng	#	39
16) 2,2'-oxybis(1-Chloropropan	7.06	45	114	0.005	ng		71
17) 2-Methylphenol	7.14	107	145	0.014	ng	#	3
19) n-Nitroso-di-n-propylamine	7.29	70	15440	1.637	ng	#	79
20) 3+4-Methylphenols	7.14	107	145	0.012	ng	#	55
22) Acetophenone	7.14	105	360	0.023	ng	#	45
24) Nitrobenzene	7.29	77	428	0.035	ng	#	38
25) Isophorone	7.29	82	118656	5.026	ng	#	66
27) 2,4-Dimethylphenol	7.70	122	425	0.045	ng	#	4
28) bis(2-Chloroethoxy)methane	7.53	93	108	0.007	ng	#	49
31) Naphthalene	8.04	128	1281	0.039	ng	#	68
32) Benzoic acid	7.70	122	425	0.064	ng		97
37) 2-Methylnaphthalene	8.73	142	1509	0.072	ng		91
38) 1-Methylnaphthalene	8.83	142	864	0.042	ng	#	95
46) 1,1'-Biphenyl	9.19	154	989	0.045	ng		76
47) 2-Chloronaphthalene	9.39	162	122	0.007	ng	#	37
48) 2-Nitroaniline	9.29	65	113	0.022	ng	#	4
49) Acenaphthylene	9.63	152	1824	0.062	ng	#	69
50) Dimethylphthalate	9.49	163	13196	0.662	ng		97
51) 2,6-Dinitrotoluene	9.77	165	34012	8.198	ng	#	18
52) Acenaphthene	9.80	154	371	0.022	ng		83
55) Dibenzofuran	9.97	168	497	0.020	ng	#	73
56) 4-Nitrophenol	9.97	139	258	0.063	ng	#	73
57) 2,4-Dinitrotoluene	9.77	165	34012	6.595	ng	#	17
58) Fluorene	10.31	166	779	0.044	ng	#	90
60) Diethylphthalate	10.19	149	1816	0.086	ng	#	24
63) Azobenzene	10.43	77	244	0.011	ng	#	27
66) n-Nitrosodiphenylamine	10.43	169	1158	0.067	ng	#	41
67) 4-Bromophenyl-phenylether	10.55	248	2868	0.506	ng	#	1
71) Phenanthrene	11.27	178	11323	0.423	ng	#	96

Quantitation Report (Not Reviewed)

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Data File : BF112736.D
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Operator : JU/SJ
Sample : K1594-39 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-9(4-5)

Quant Time: Feb 28 02:05:41 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)
72) Anthracene	11.27	178	11323	0.404	ng		96
73) Carbazole	11.47	167	2170	0.079	ng	#	63
74) Di-n-butylphthalate	11.82	149	2337	0.071	ng	#	39
75) Fluoranthene	12.45	202	15730	0.549	ng		97
77) Benzidine	12.63	184	949	0.038	ng	#	1
78) Pyrene	12.45	202	15730	0.388	ng		97
80) Butylbenzylphthalate	13.13	149	1679	0.094	ng		90
81) Benzo(a)anthracene	13.86	228	8648	0.259	ng	#	56
82) 3,3'-Dichlorobenzidine	13.80	252	1233	0.098	ng	#	71
83) Chrysene	13.89	228	12215	0.374	ng	#	77
84) Bis(2-ethylhexyl)phthalate	13.87	149	9219	0.439	ng	#	94
85) Di-n-octyl phthalate	14.52	149	19159	0.531	ng	#	73
86) Indeno(1,2,3-cd)pyrene	16.63	276	4148	0.149	ng	#	82
88) Benzo(b)fluoranthene	14.88	252	10825	0.535	ng	#	1
89) Benzo(k)fluoranthene	14.88	252	10825	0.591	ng	#	1
90) Benzo(a)pyrene	15.22	252	4435	0.248	ng	#	1
91) Dibenzo(a,h)anthracene	16.62	278	266	0.017	ng	#	1
92) Benzo(g,h,i)perylene	17.04	276	4475	0.292	ng	#	36

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Quant Time: Feb 28 02:05:41 2019
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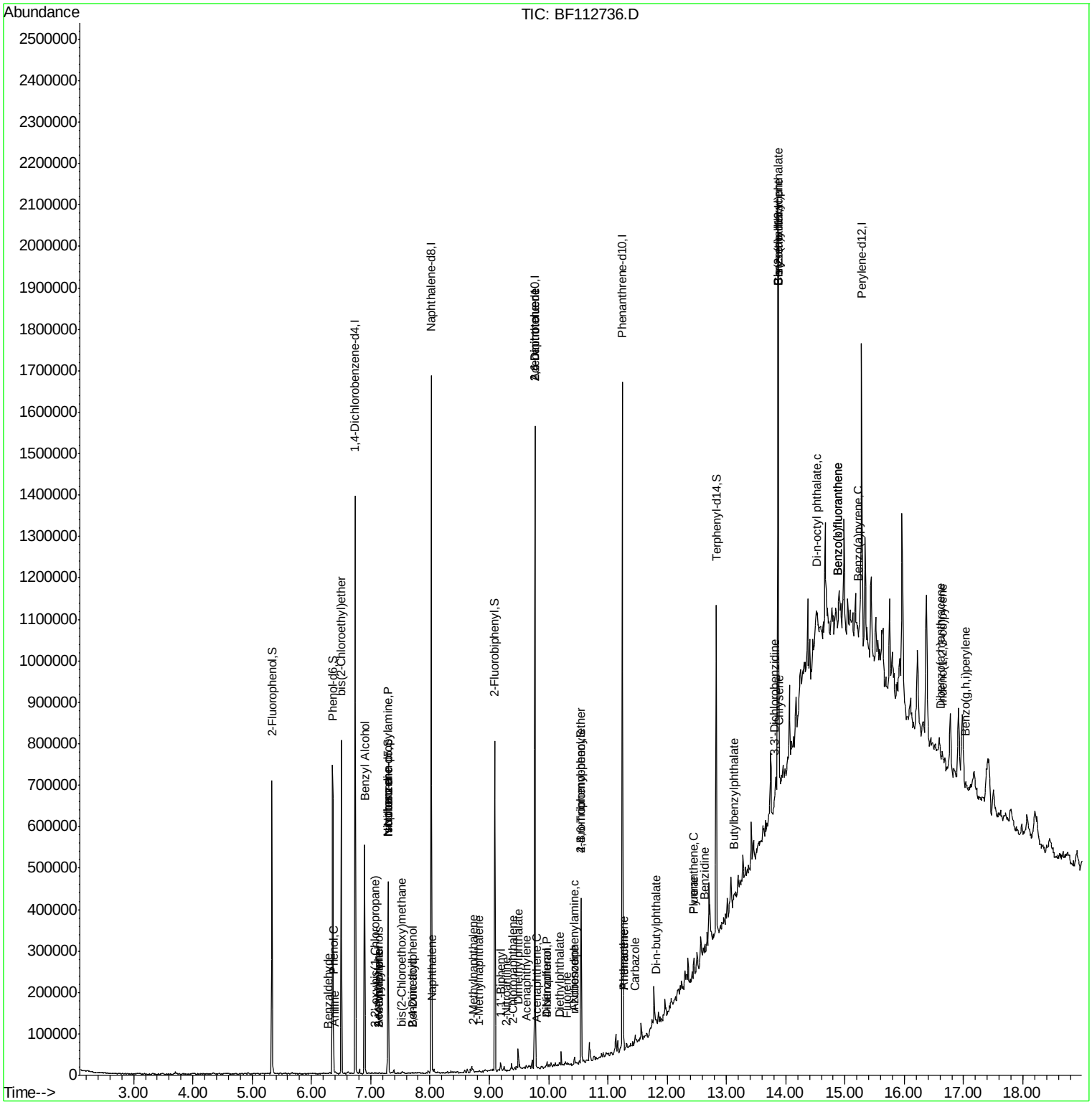
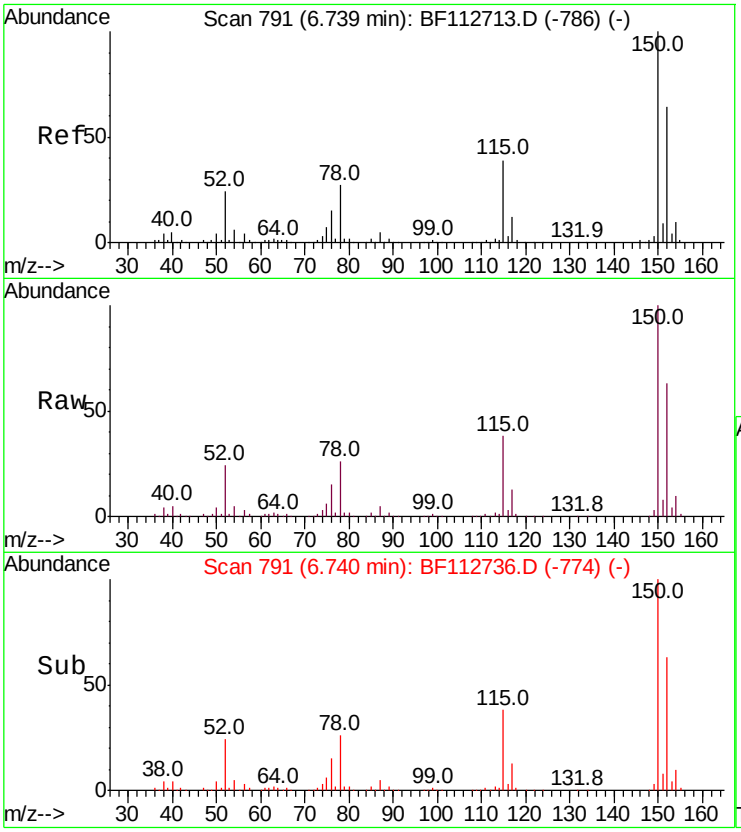
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



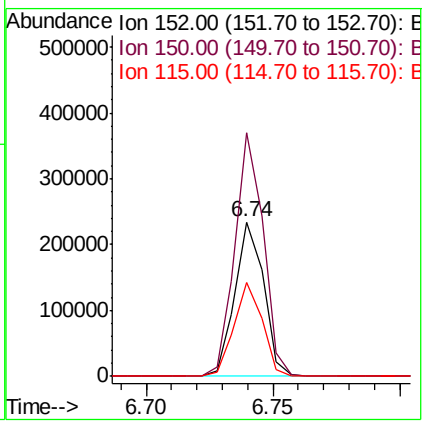


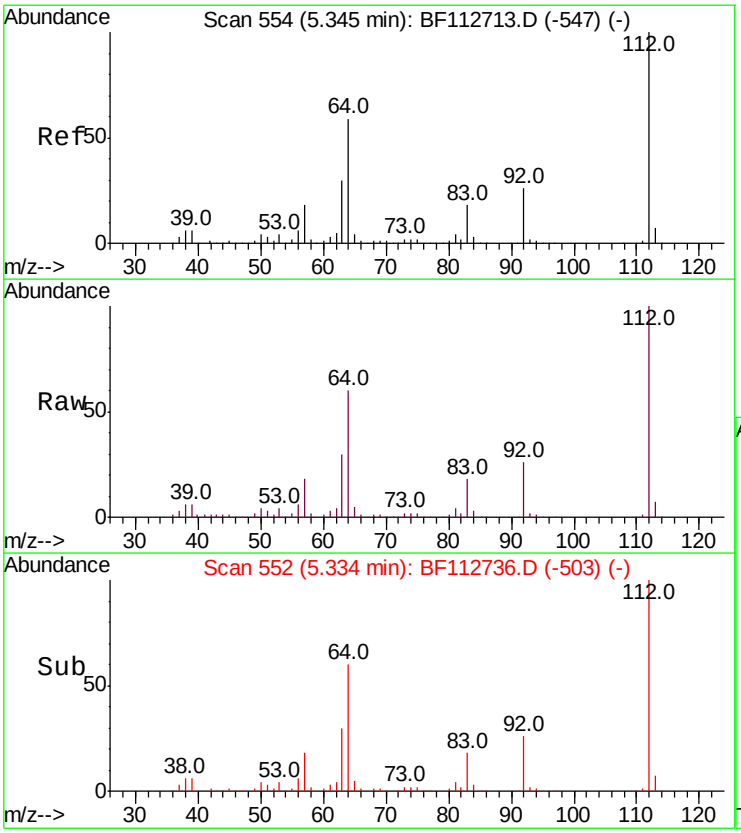
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:152 Resp: 184456

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	60.4	48.2	72.4

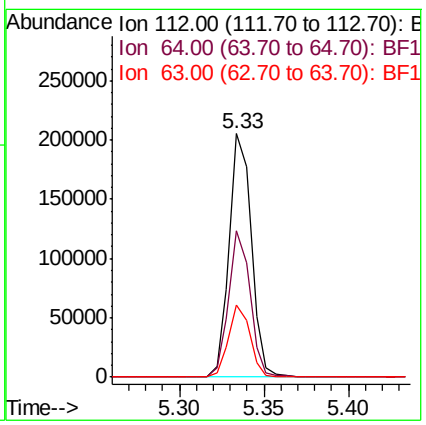


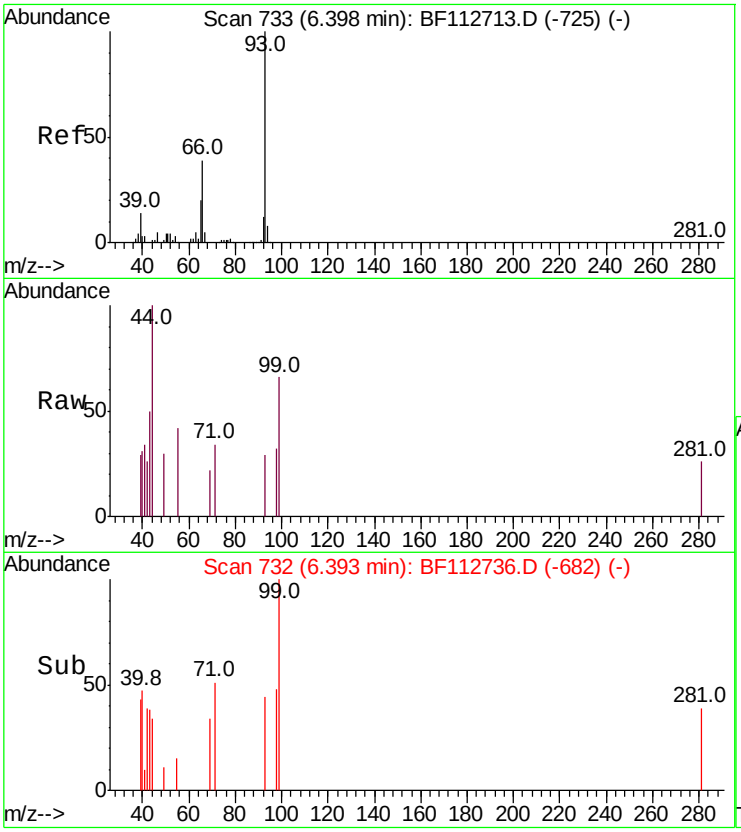


#5
2-Fluorophenol
Concen: 15.812 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:112 Resp: 187495

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.6	71.4
63	29.8	24.4	36.6



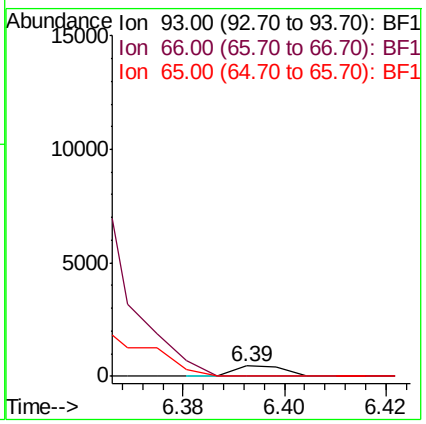


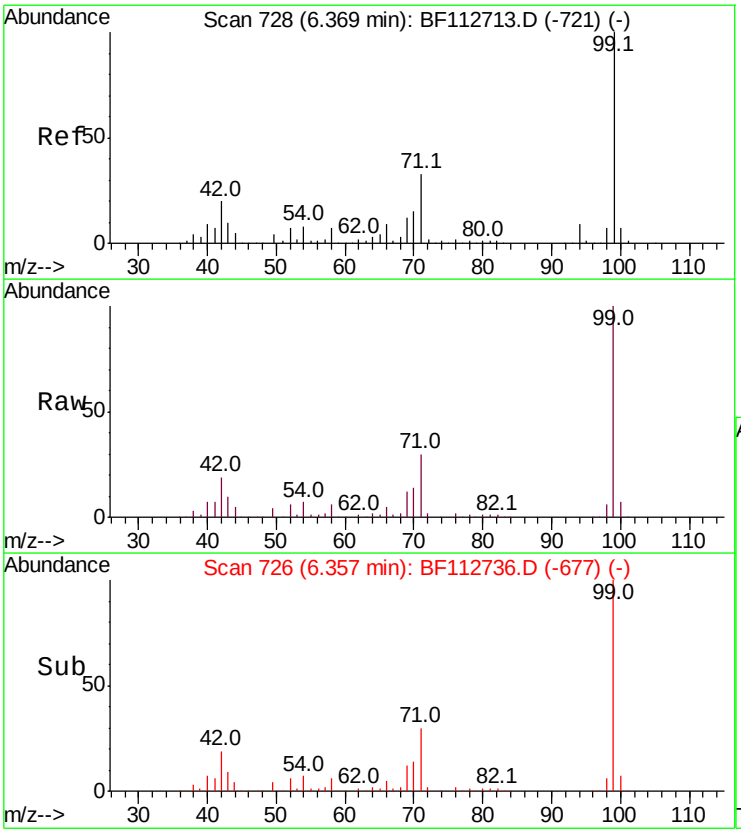
#6
Aniline
Concen: 0.015 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 93 Resp: 302

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.2	48.2#
65	0.0	16.2	24.4#

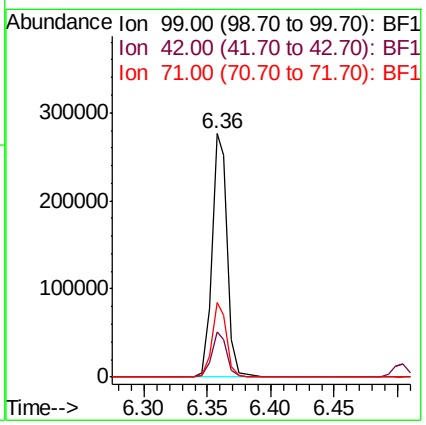


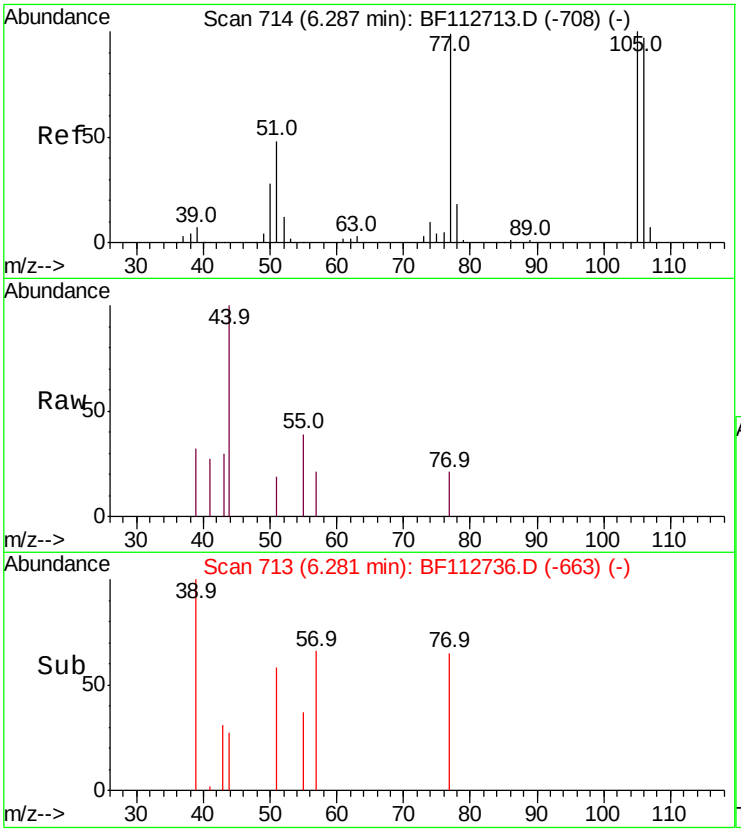


#7
Phenol-d6
Concen: 15.847 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion: 99 Resp: 236056

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.3	24.5
71	30.5	26.2	39.4



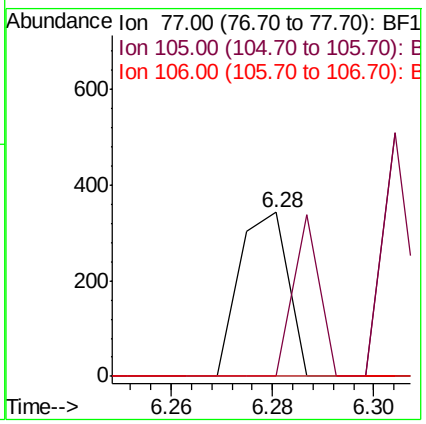


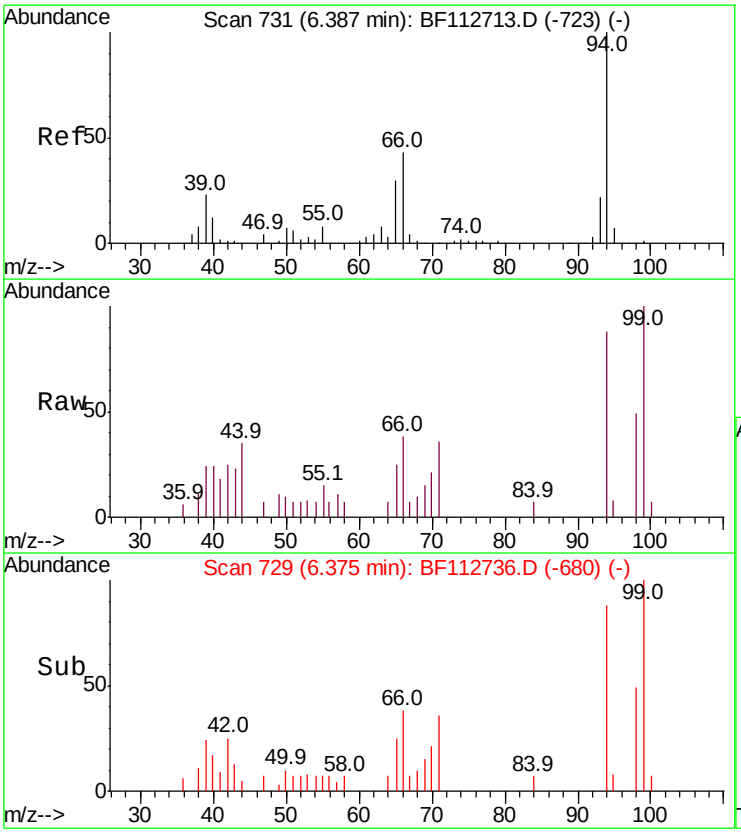
#9
Benzaldehyde
Concen: 0.021 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 77 Resp: 228

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

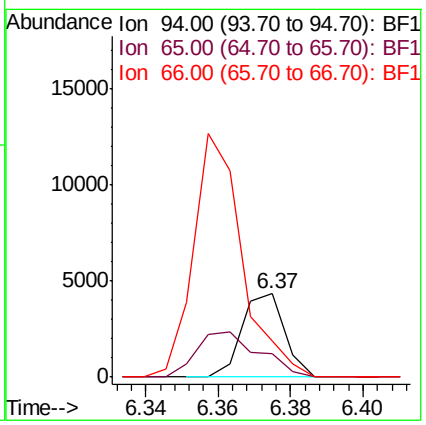


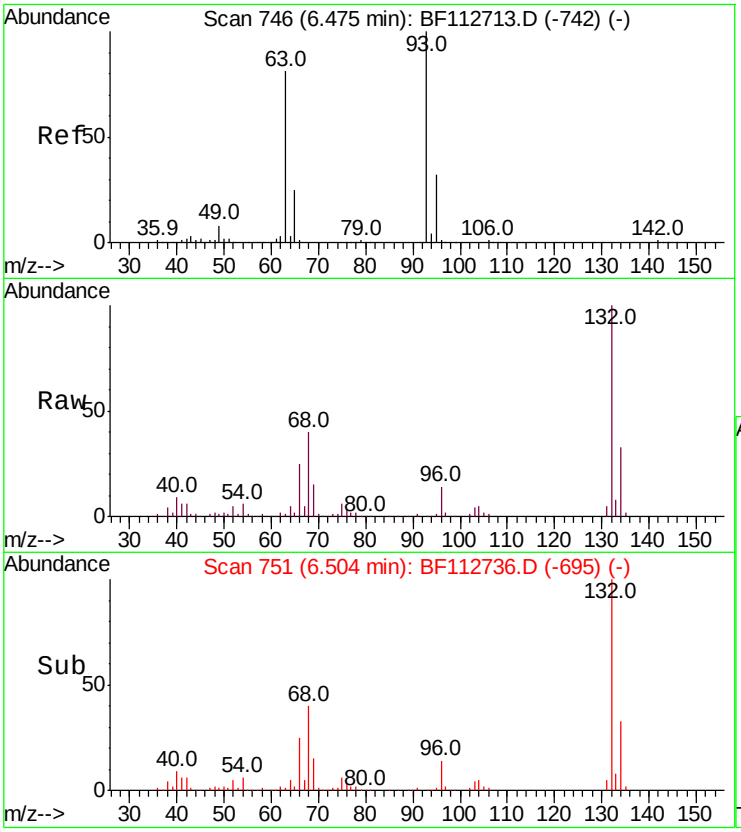


#10
Phenol
Concen: 0.206 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion: 94 Resp: 3581

Ion	Ratio	Lower	Upper
94	100		
65	28.7	10.5	50.5
66	43.5	22.6	62.6



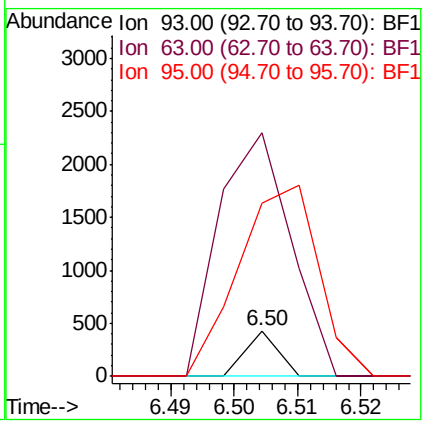


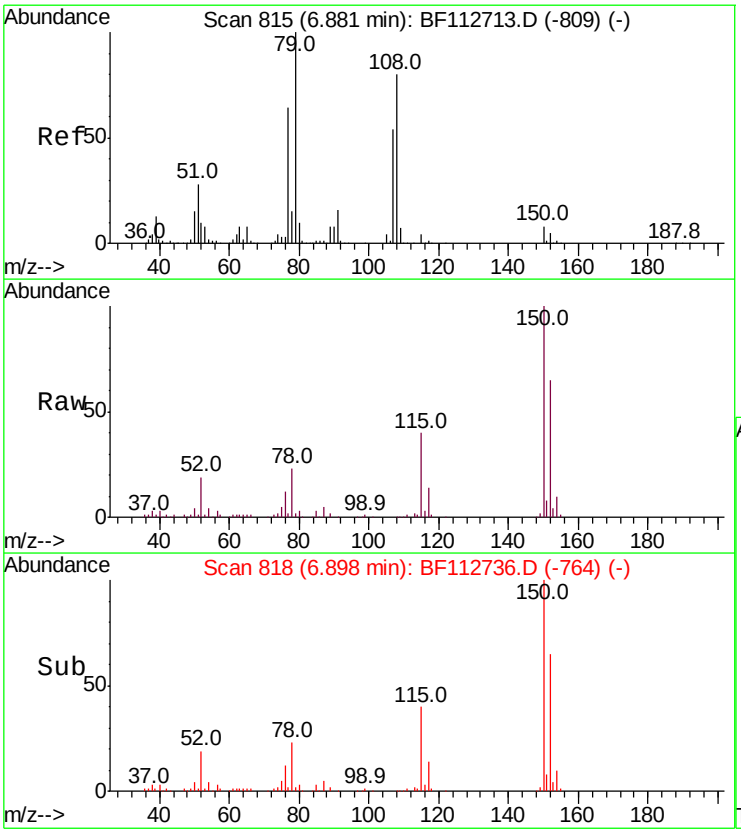
#11
bis(2-Chloroethyl)ether
Concen: 0.011 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 93 Resp: 152

Ion	Ratio	Lower	Upper
93	100		
63	531.9	60.5	100.5#
95	378.9	12.1	52.1#

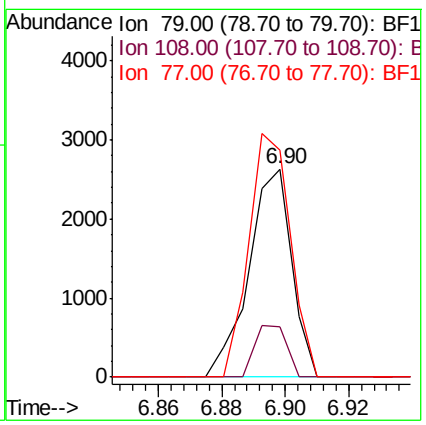


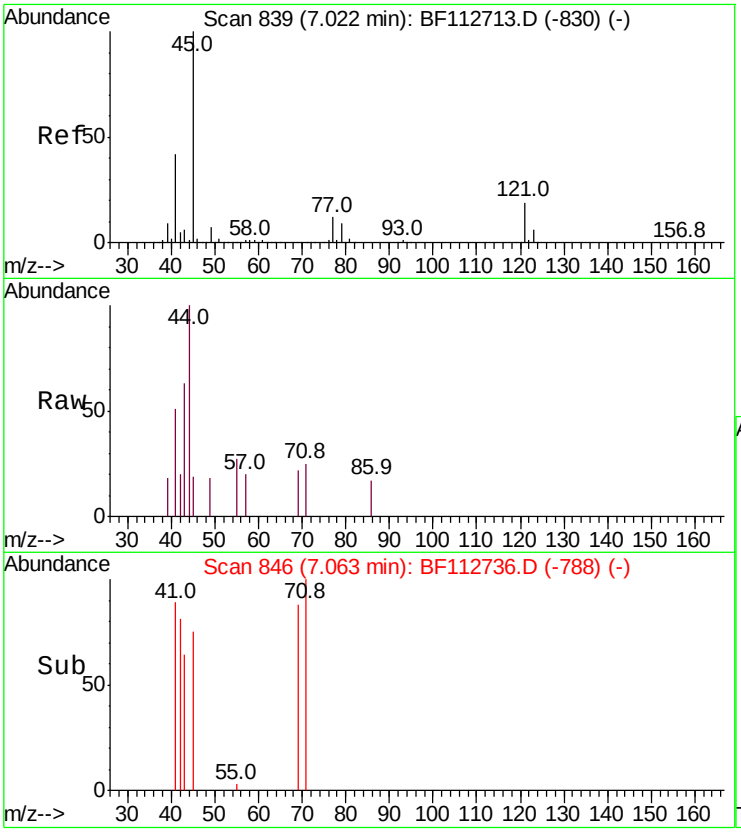


#15
Benzyl Alcohol
Concen: 0.218 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion: 79 Resp: 2475

Ion	Ratio	Lower	Upper
79	100		
108	24.4	64.2	96.4#
77	109.3	51.1	76.7#



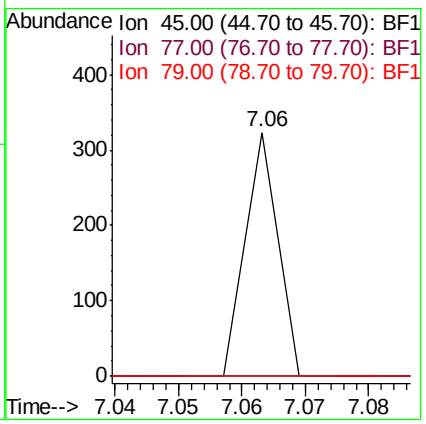


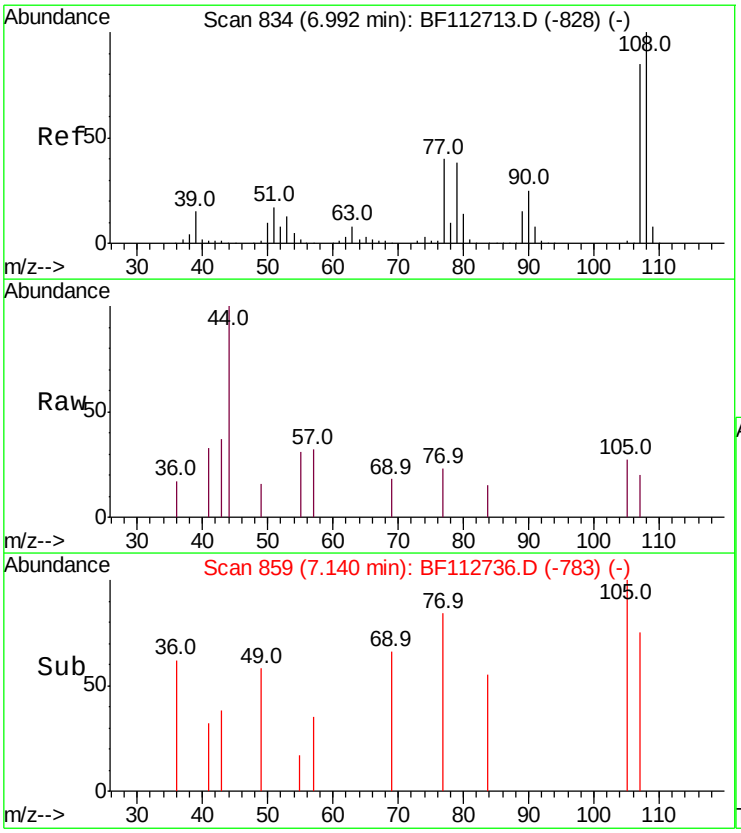
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.04 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 45 Resp: 114

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

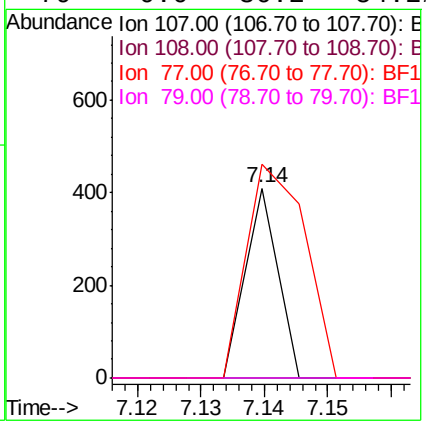


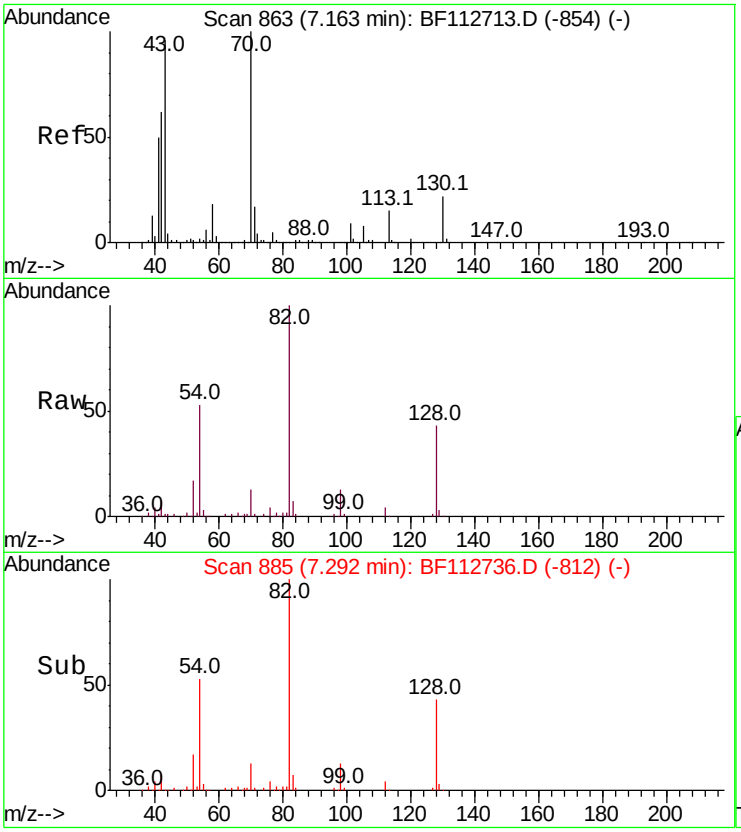


#17
2-Methylphenol
Concen: 0.014 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.15 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:107 Resp: 145

Ion	Ratio	Lower	Upper
107	100		
108	0.0	94.6	142.0#
77	112.4	37.8	56.8#
79	0.0	36.2	54.2#



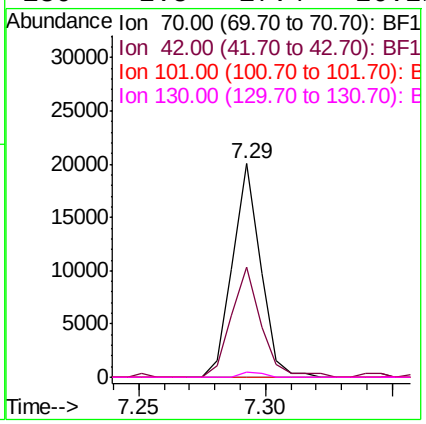


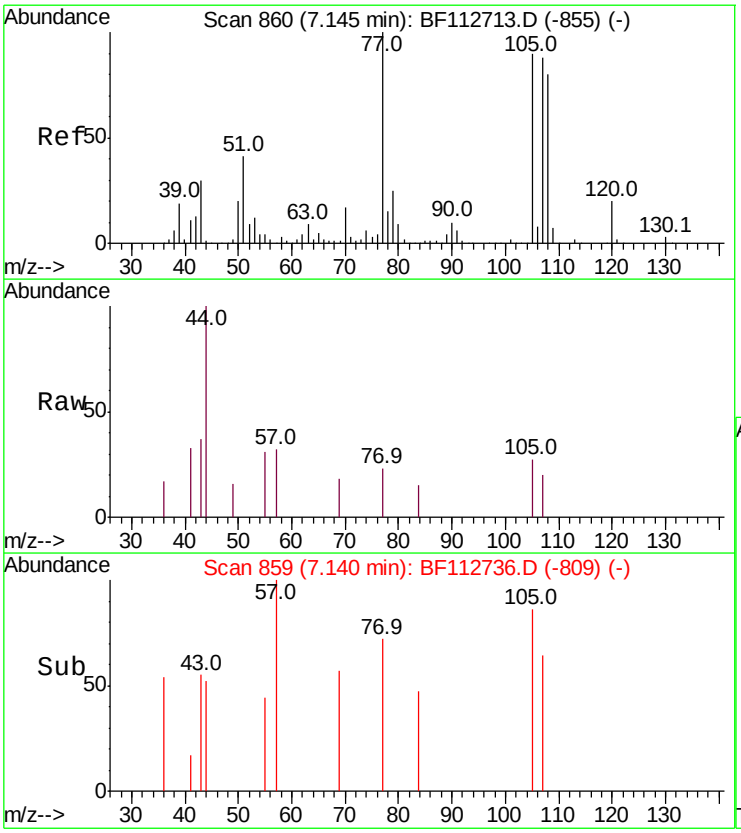
#19
n-Nitroso-di-n-propylamine
Concen: 1.637 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 70 Resp: 15440

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.9	74.9
101	0.0	7.4	11.2#
130	2.5	17.4	26.2#

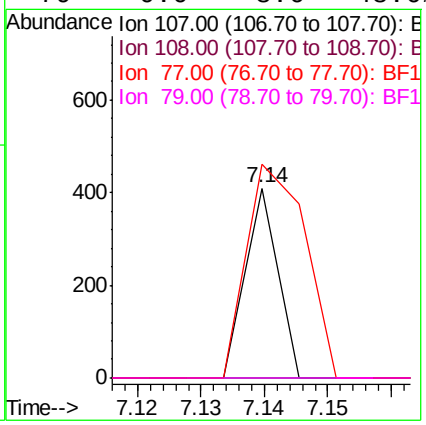


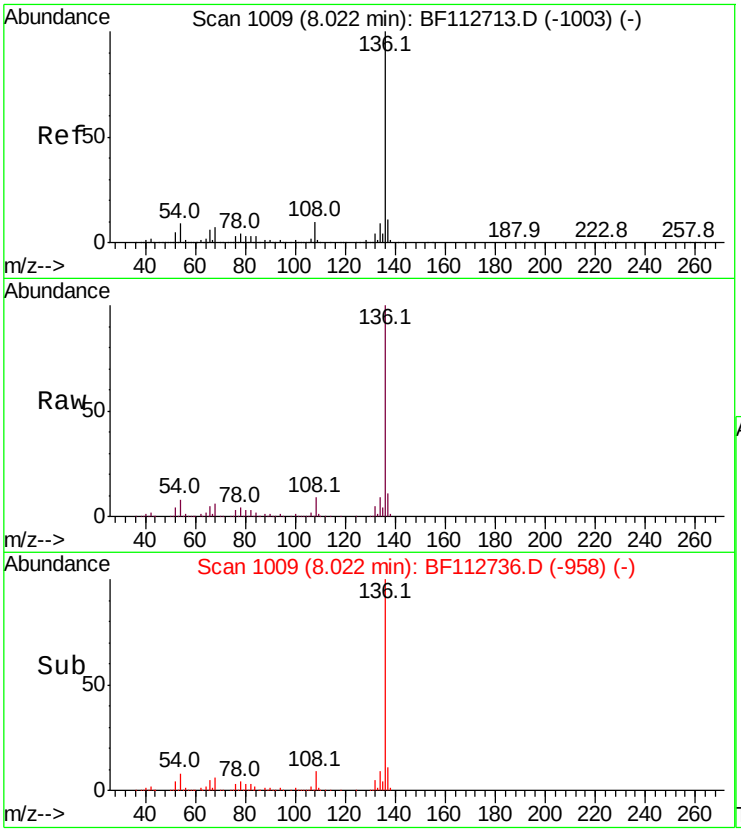


#20
3+4-Methylphenols
Concen: 0.012 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:107 Resp: 145

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	112.4	94.1	134.1
79	0.0	8.6	48.6#



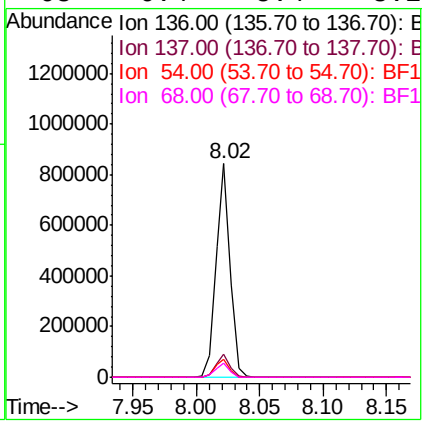


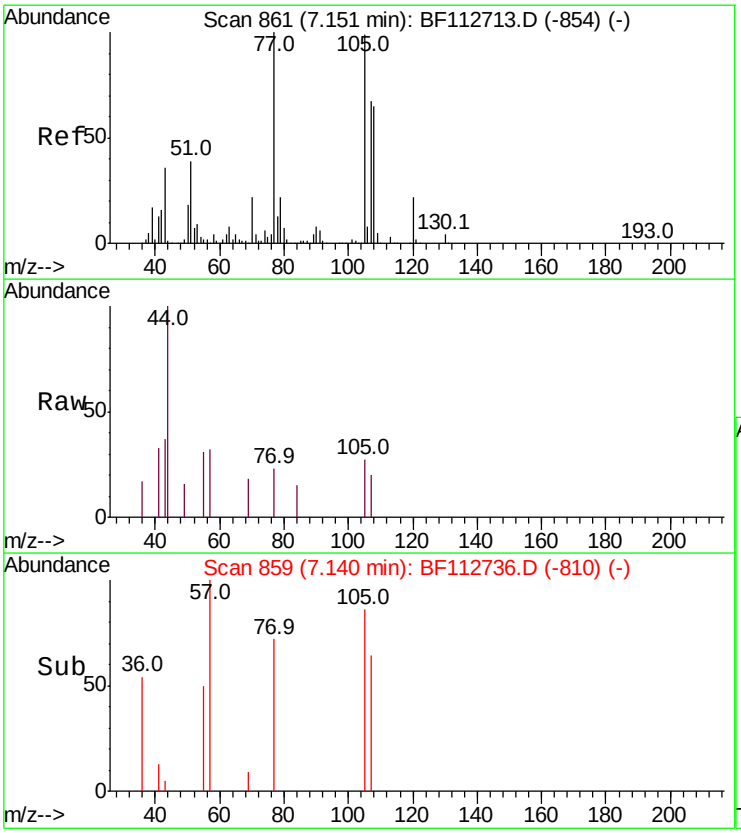
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:136 Resp: 655682

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	7.3	10.9
68	6.4	5.4	8.2

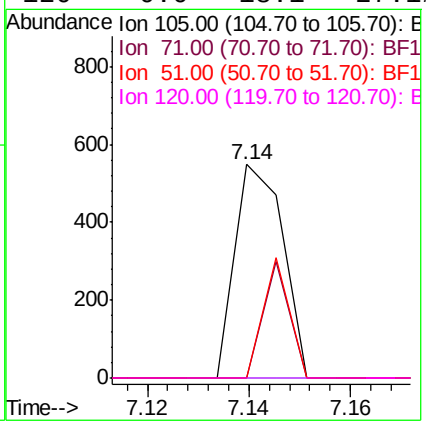


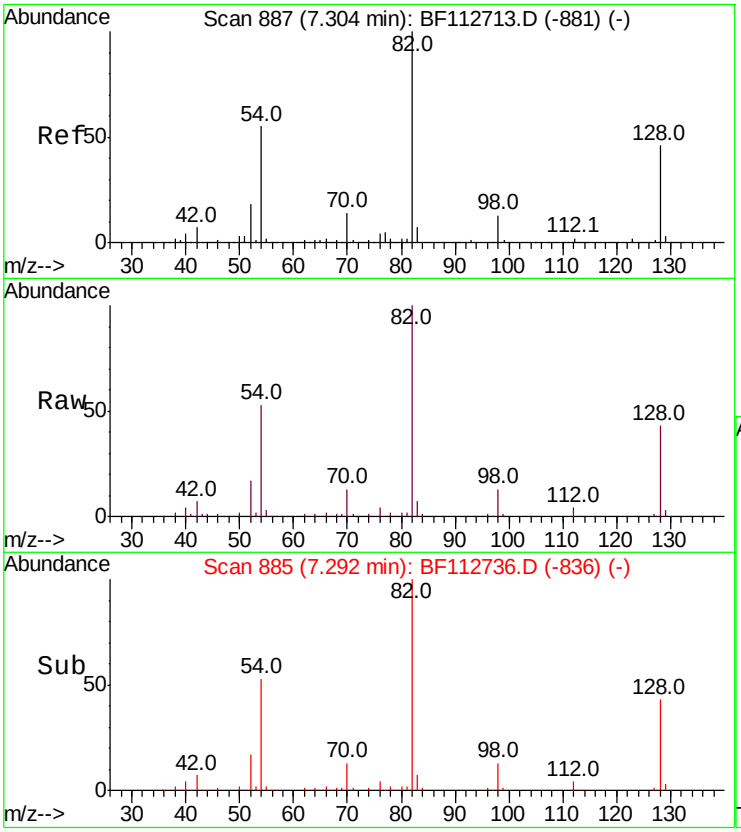


#22
Acetophenone
Concen: 0.023 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:105 Resp: 360

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



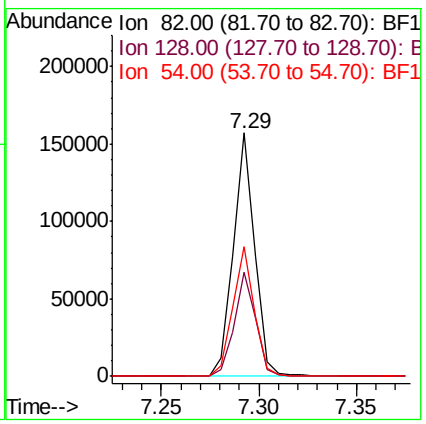


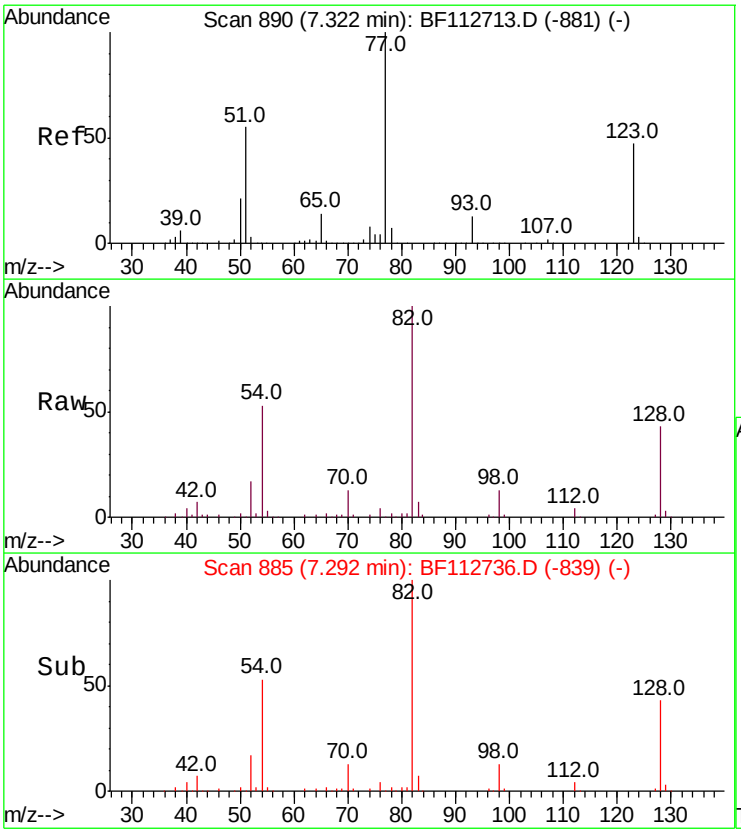
#23
Nitrobenzene-d5
Concen: 10.844 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 82 Resp: 118826

Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.3	54.5
54	53.1	43.7	65.5

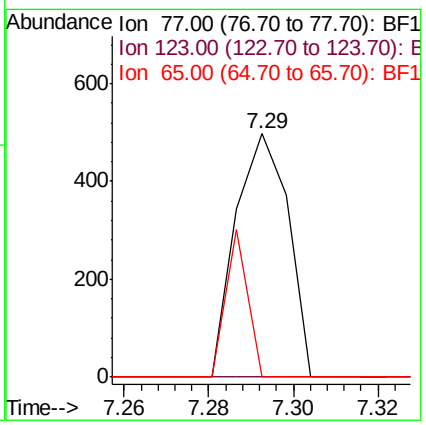


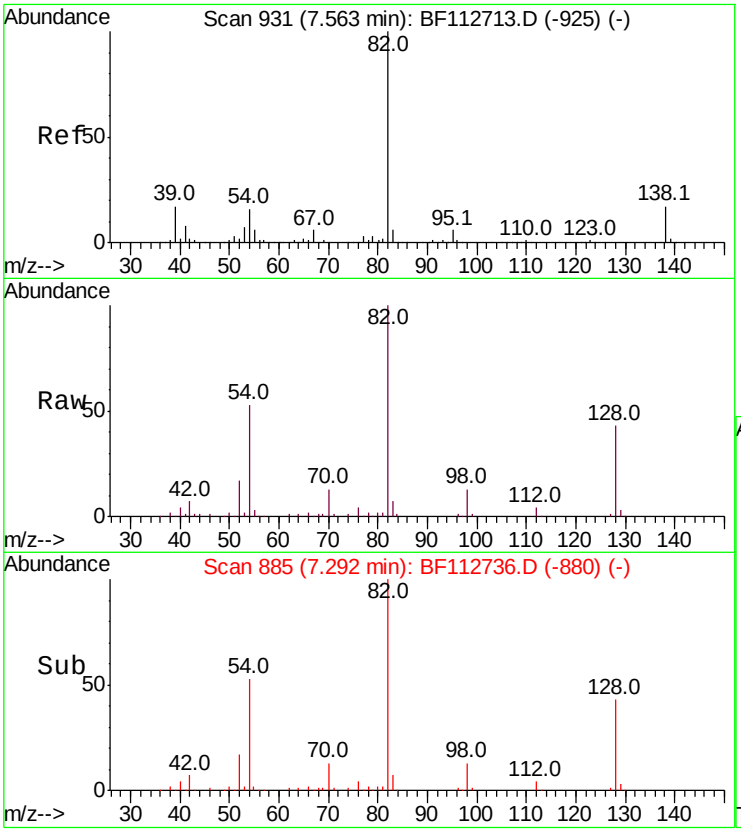


#24
Nitrobenzene
Concen: 0.035 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion: 77 Resp: 428

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



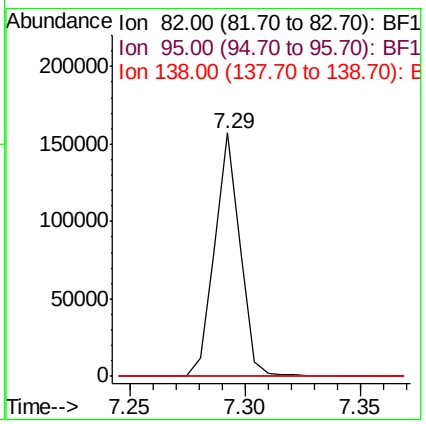


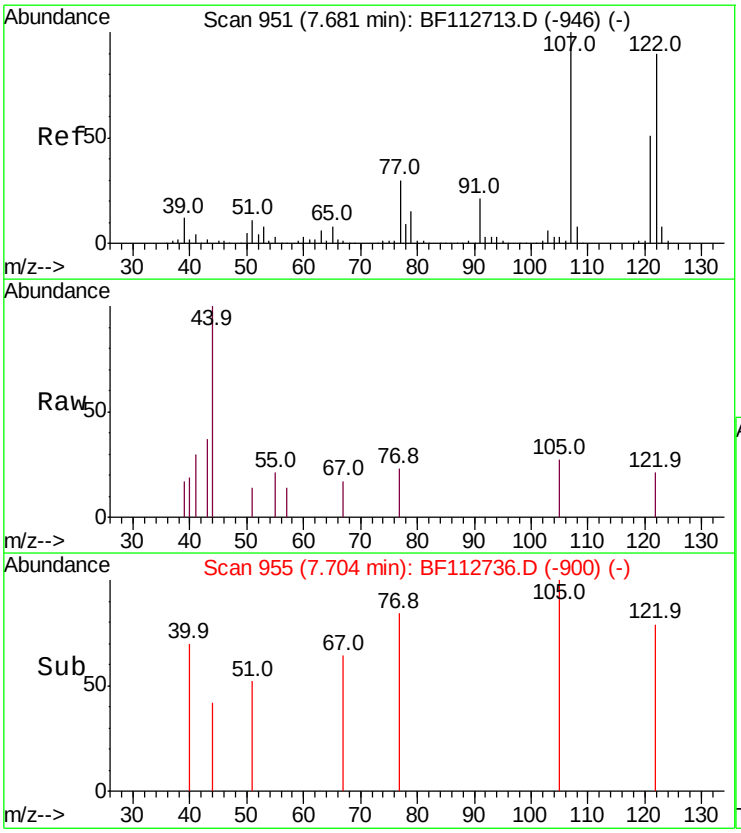
#25
Isophorone
Concen: 5.026 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 82 Resp: 118656

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

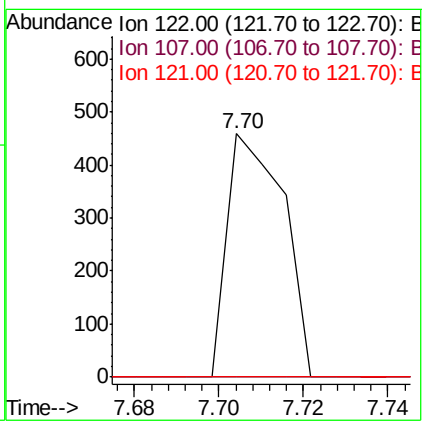


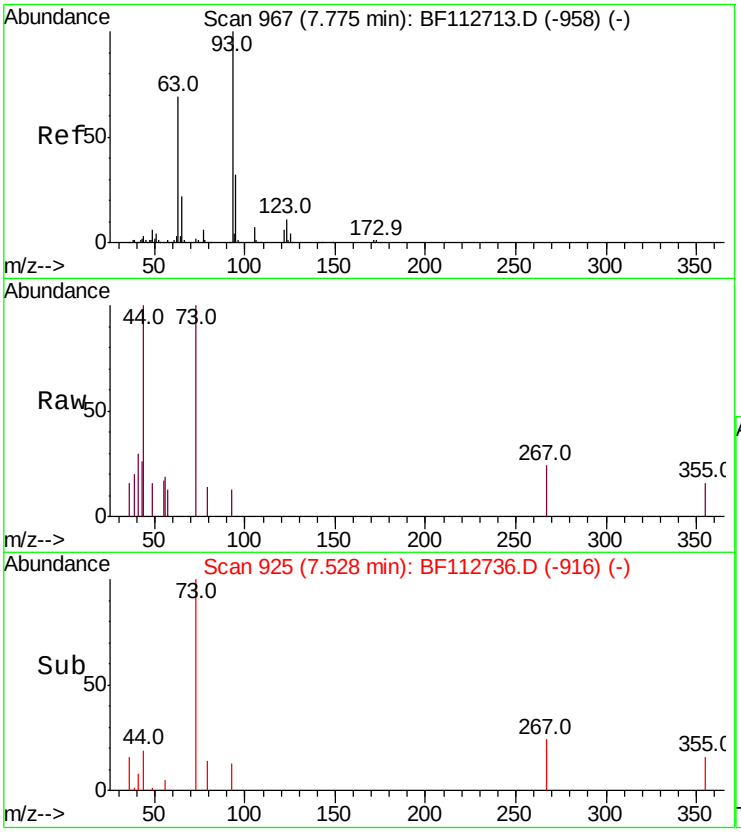


#27
2,4-Dimethylphenol
Concen: 0.045 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.02 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:122 Resp: 425

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



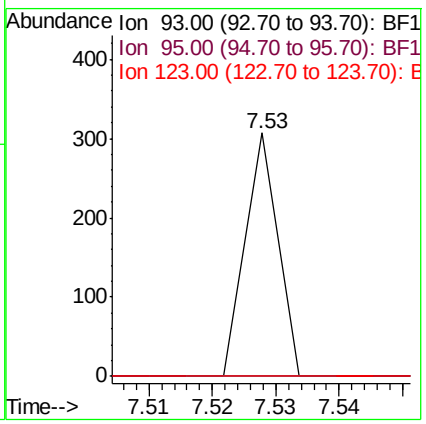


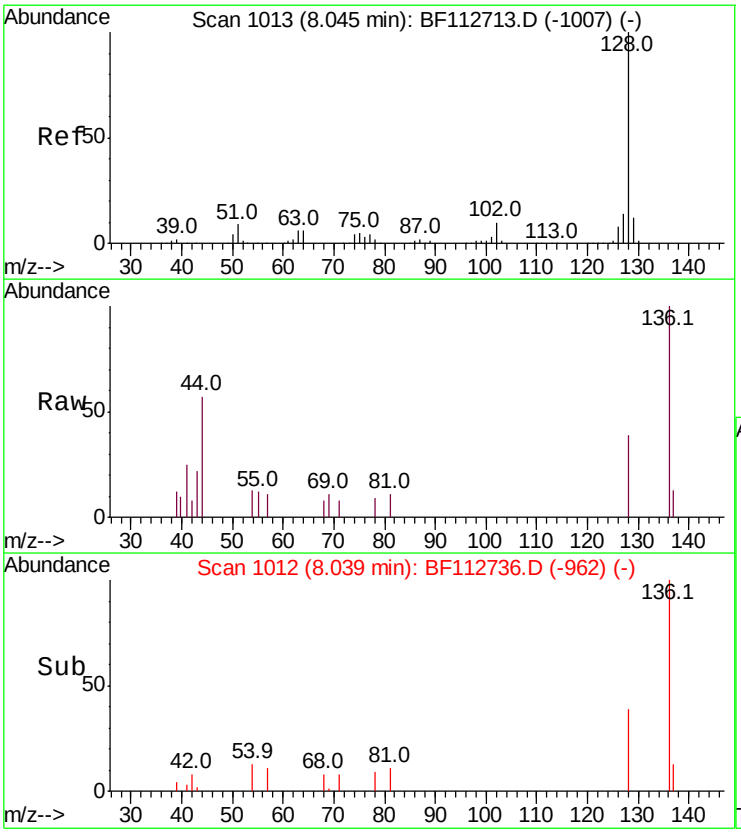
#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 93 Resp: 108

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

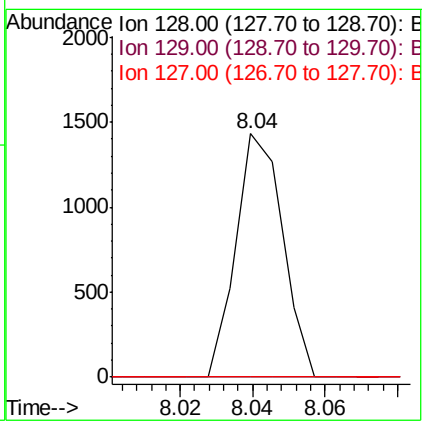


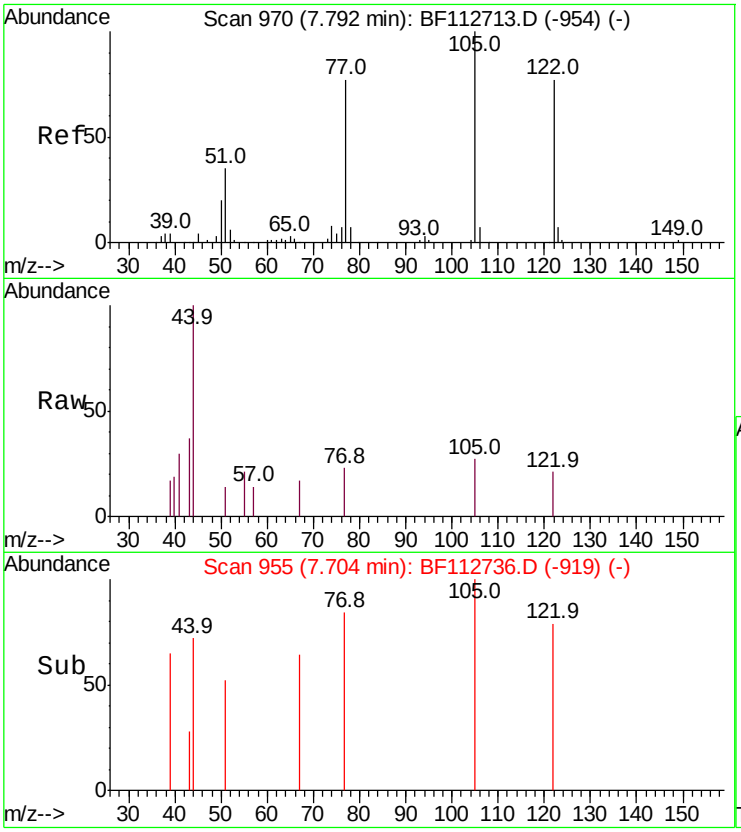


#31
Naphthalene
Concen: 0.039 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:128 Resp: 1281

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	10.9	16.3#



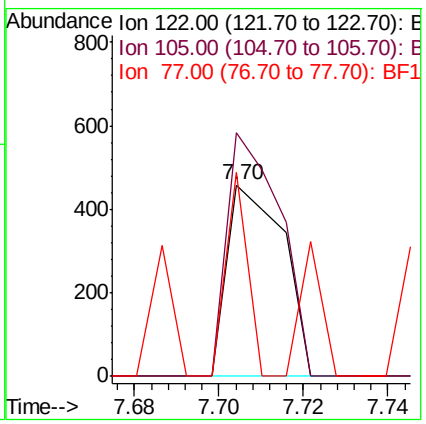


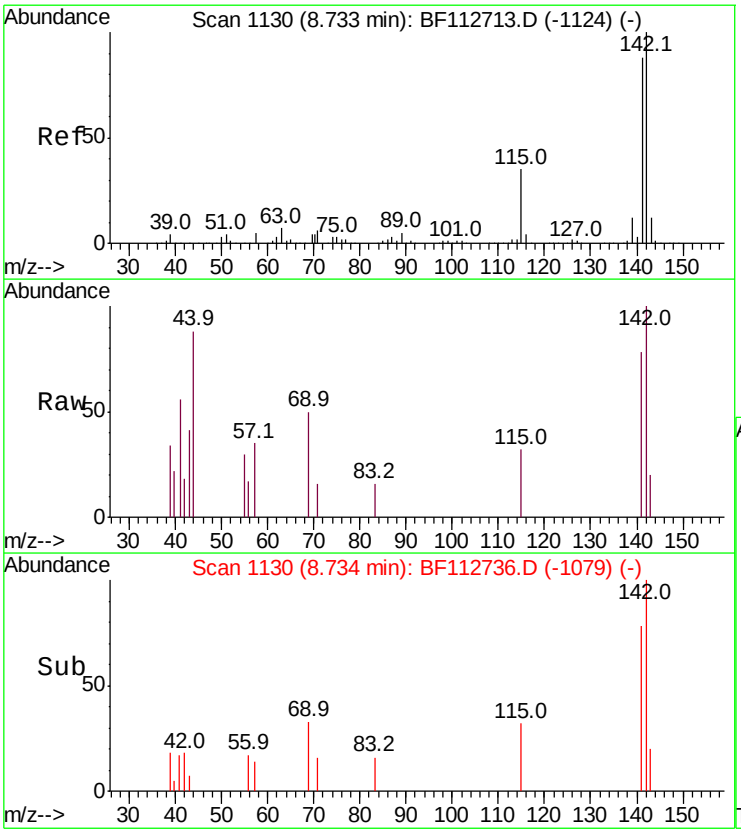
#32
Benzoic acid
Concen: 0.064 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:122 Resp: 425

Ion	Ratio	Lower	Upper
122	100		
105	127.0	106.8	146.8
77	106.5	79.4	119.4

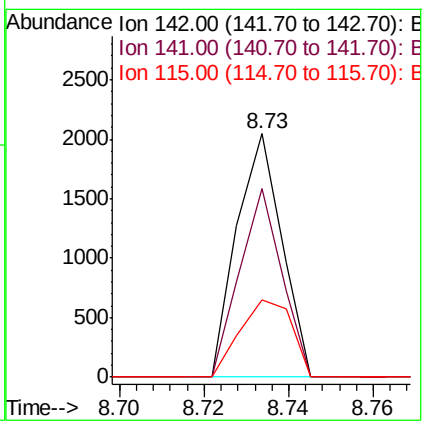


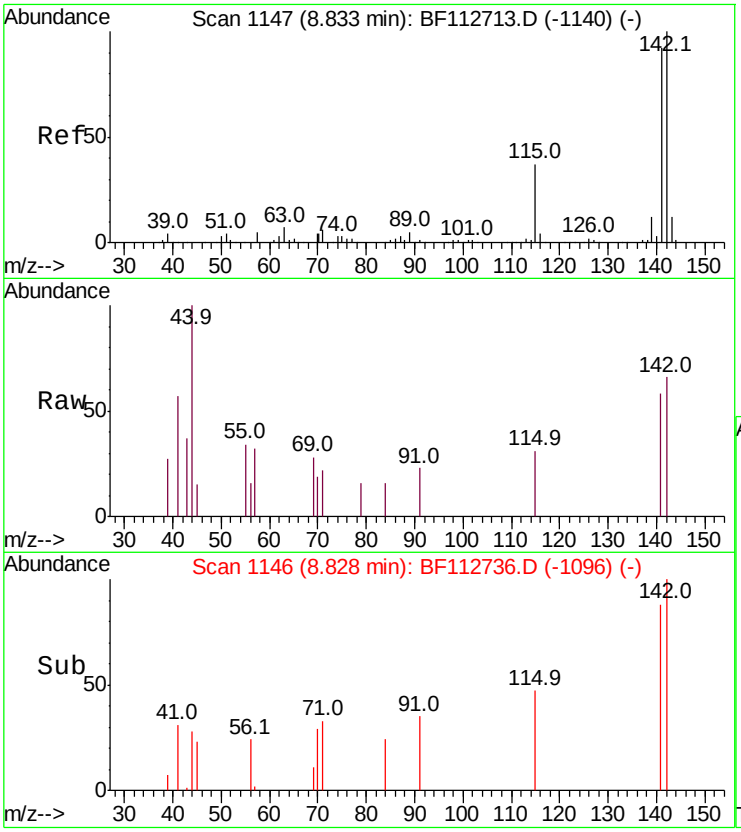


#37
2-Methylnaphthalene
Concen: 0.072 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:142 Resp: 1509

Ion	Ratio	Lower	Upper
142	100		
141	77.6	70.3	105.5
115	31.8	27.8	41.6



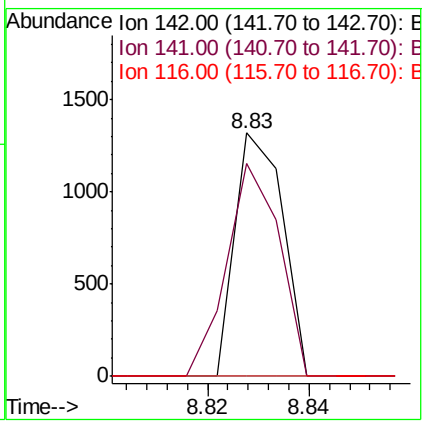


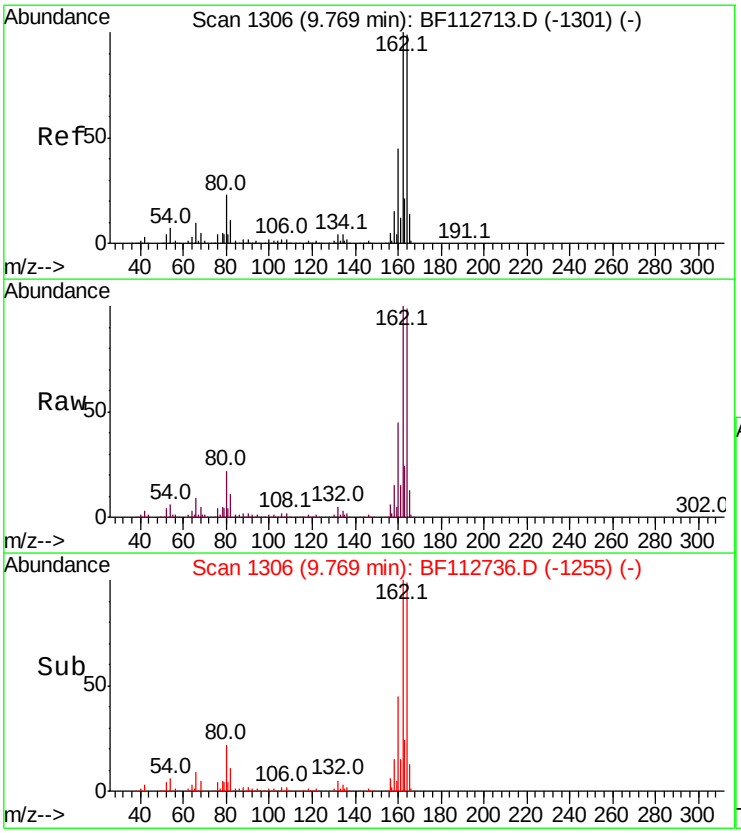
#38
1-Methylnaphthalene
Concen: 0.042 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:142 Resp: 864

Ion	Ratio	Lower	Upper
142	100		
141	87.7	73.7	110.5
116	0.0	3.1	4.7#

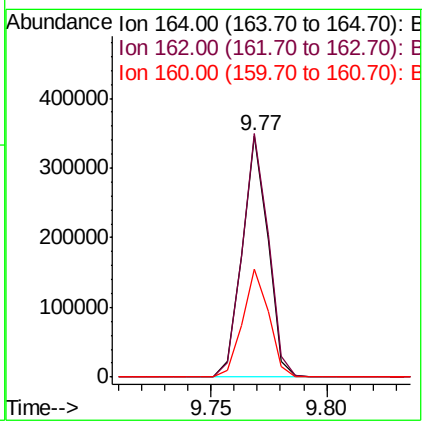


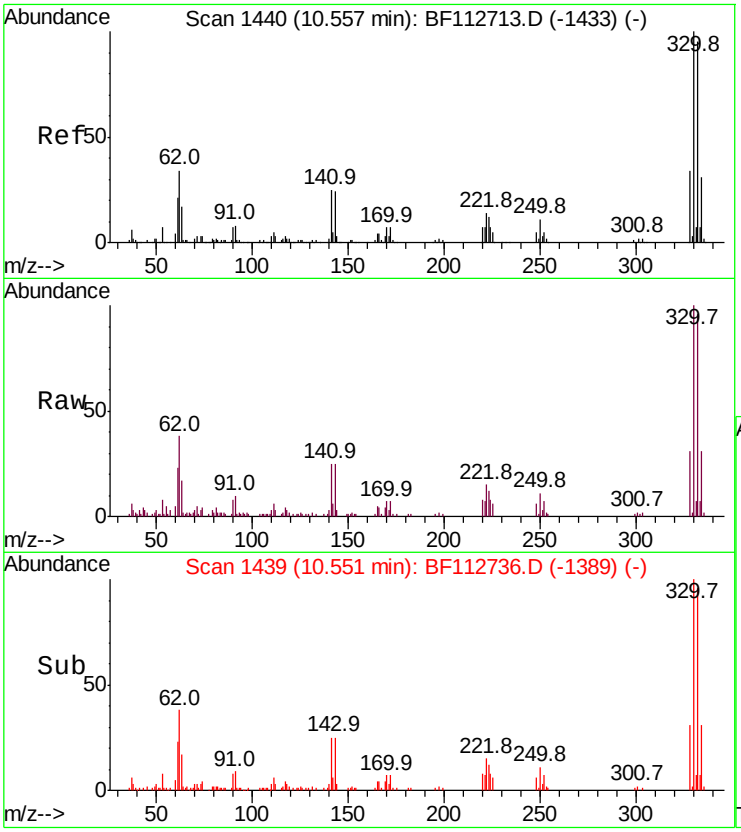


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:164 Resp: 270190

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.9	36.0	54.0



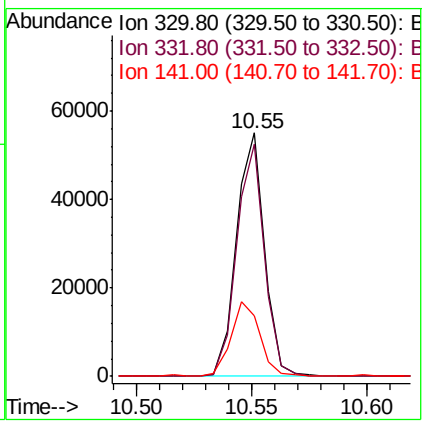


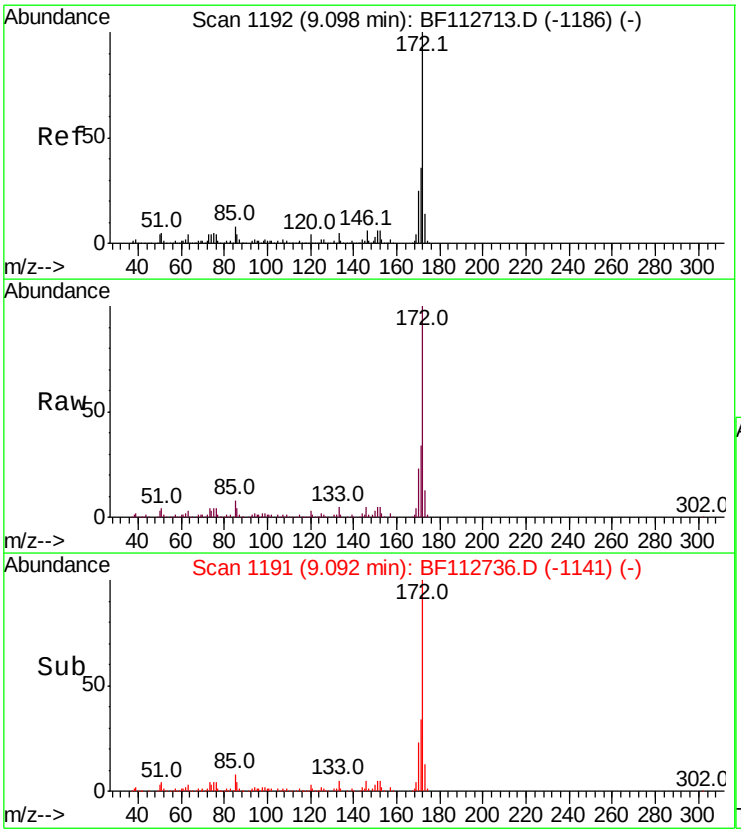
#42
2,4,6-Tribromophenol
Concen: 16.255 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:330 Resp: 46627

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.2	114.4
141	31.7	27.0	40.6

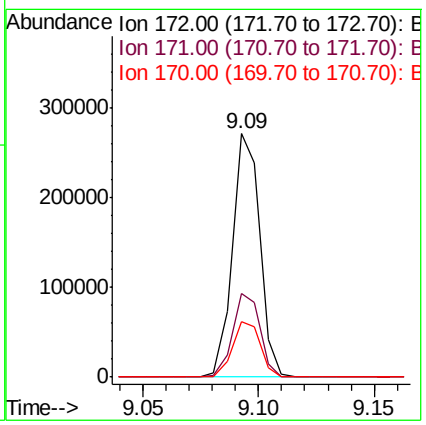


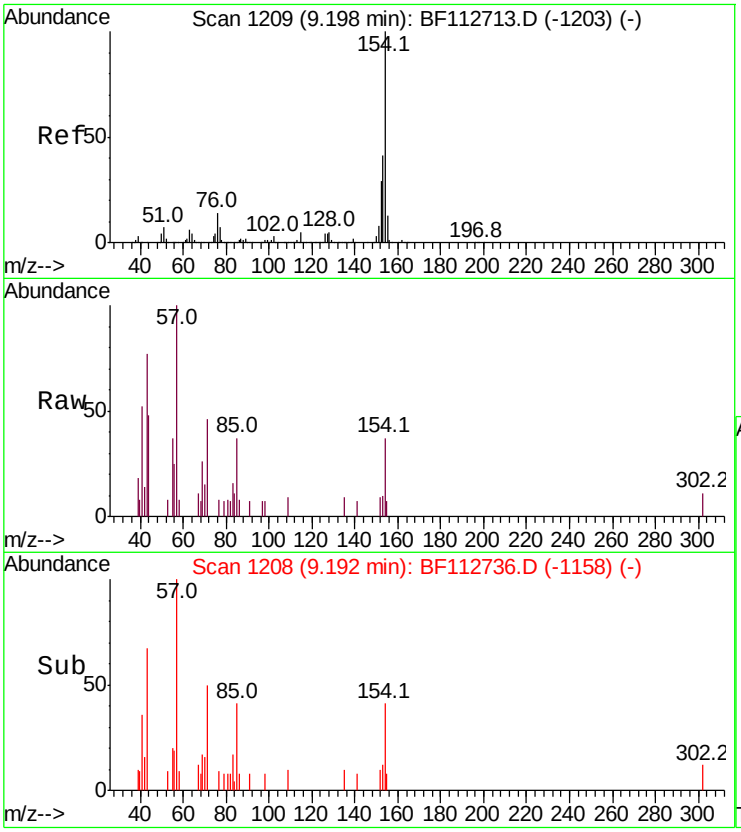


#45
2-Fluorobiphenyl
Concen: 1.213 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:172 Resp: 223725

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.4
170	22.8	20.0	30.0



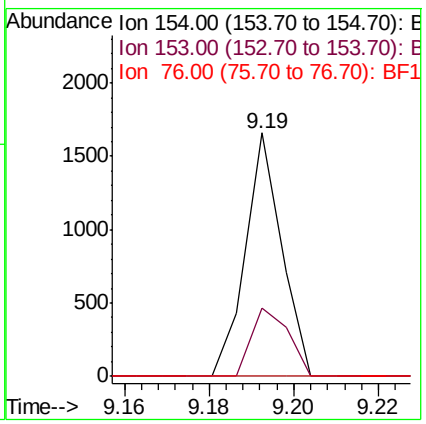


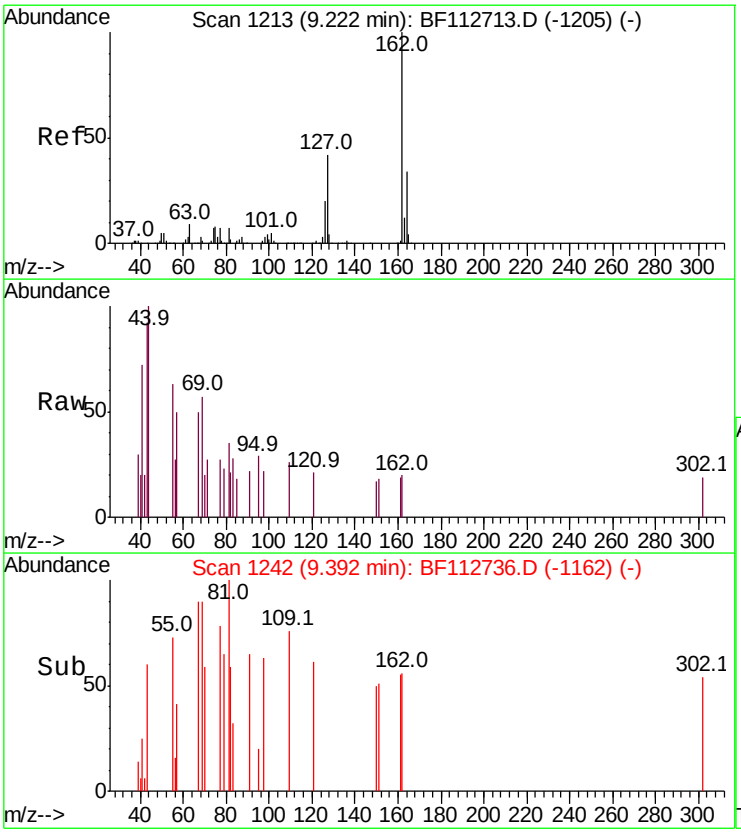
#46
1,1'-Biphenyl
Concen: 0.045 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:154 Resp: 989

Ion	Ratio	Lower	Upper
154	100		
153	28.0	20.8	60.8
76	0.0	0.0	33.8

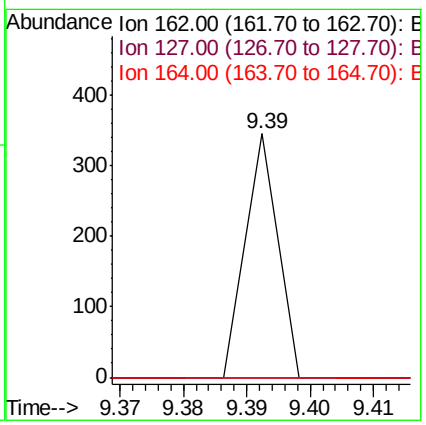


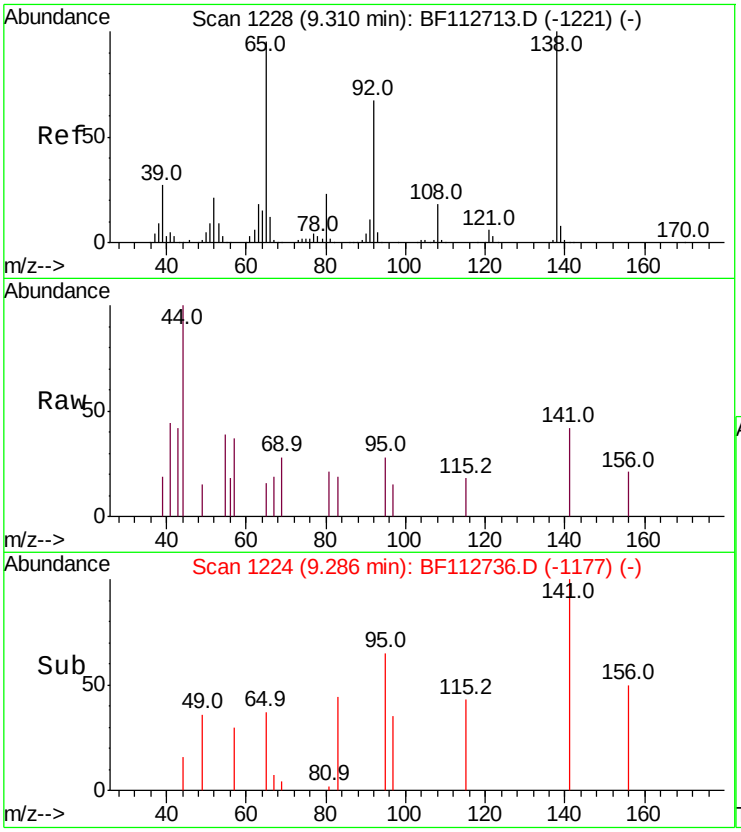


#47
2-Chloronaphthalene
Concen: 0.007 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.17 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:162 Resp: 122

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



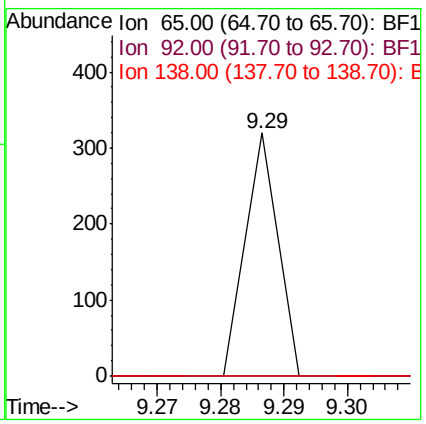


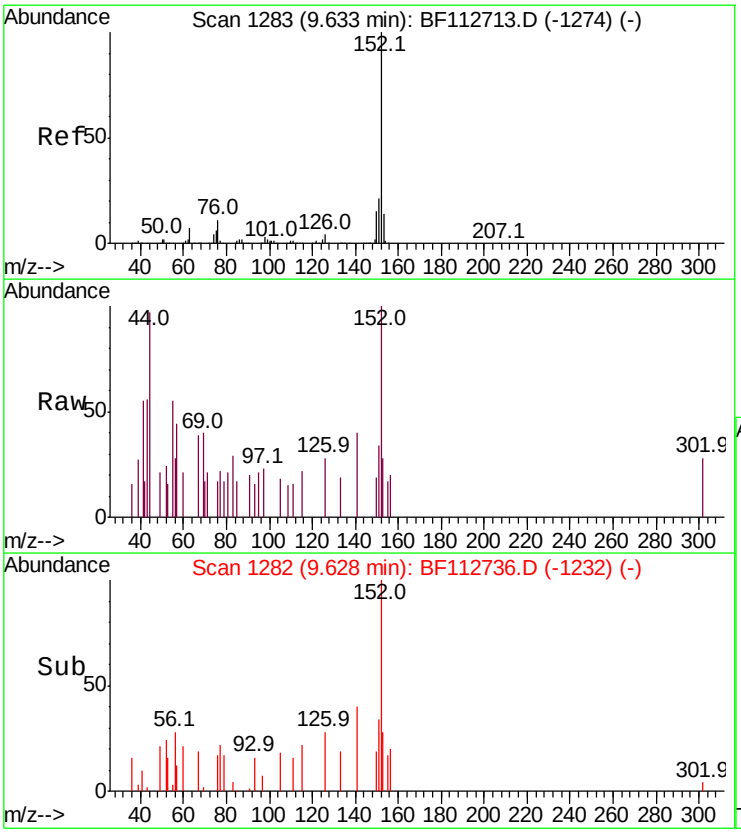
#48
2-Nitroaniline
Concen: 0.022 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 65 Resp: 113

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

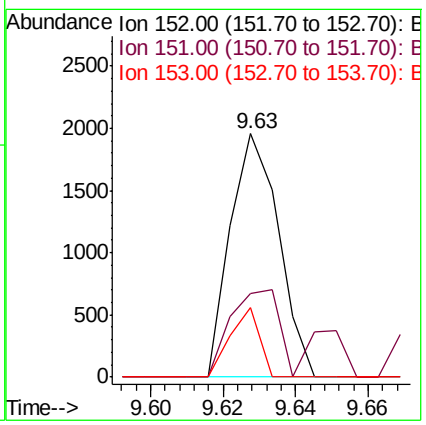


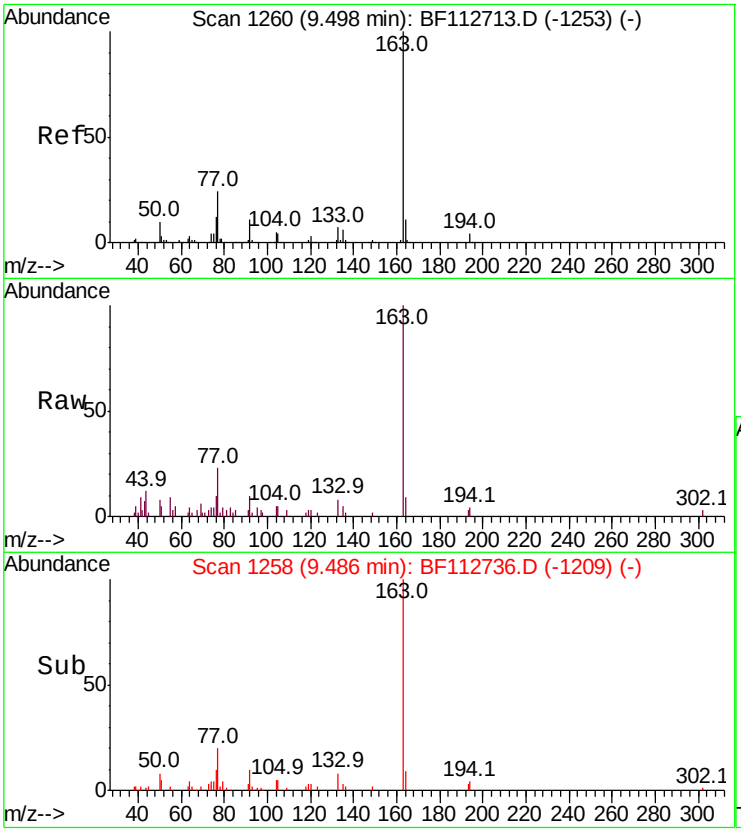


#49
Acenaphthylene
Concen: 0.062 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:152 Resp: 1824

Ion	Ratio	Lower	Upper
152	100		
151	34.4	16.9	25.3#
153	28.3	11.0	16.6#



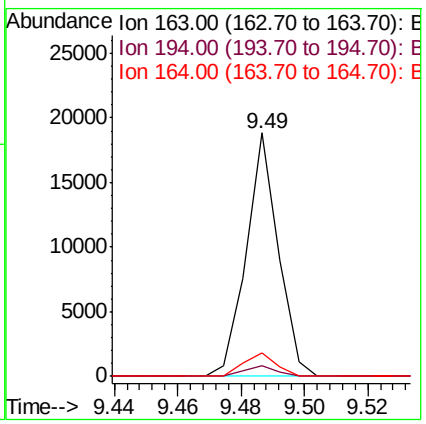


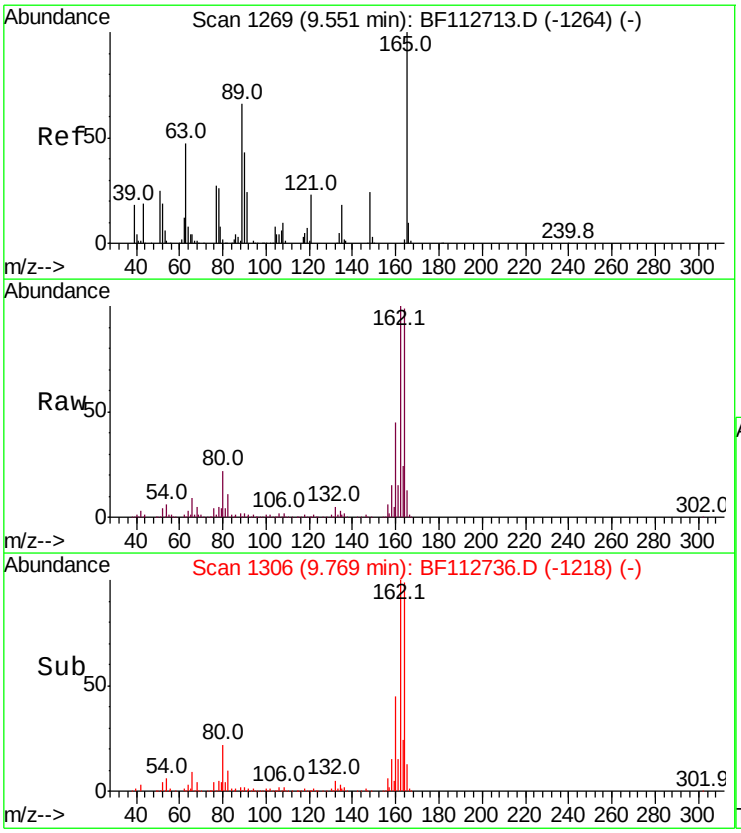
#50
Dimethylphthalate
Concen: 0.662 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:163 Resp: 13196

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	9.4	8.4	12.6

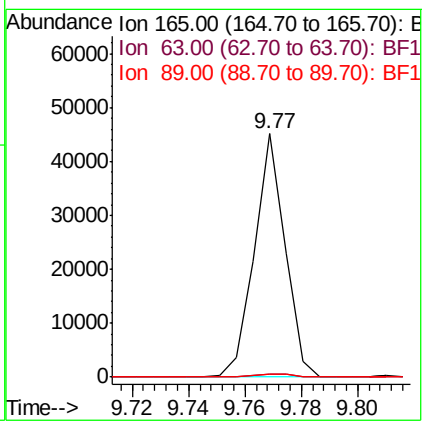


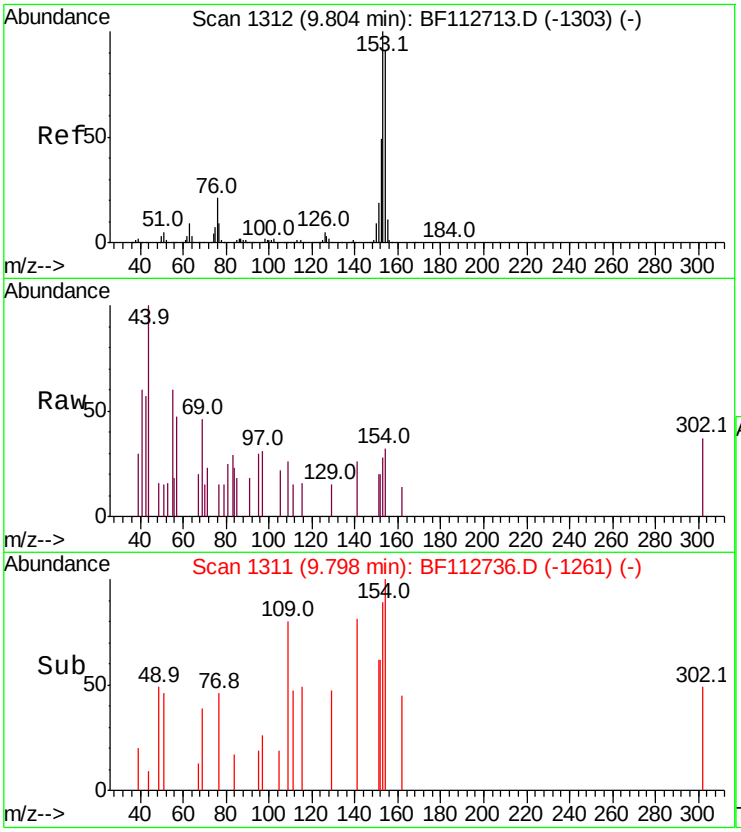


#51
2,6-Dinitrotoluene
Concen: 8.198 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:165 Resp: 34012

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.0	52.8	79.2#



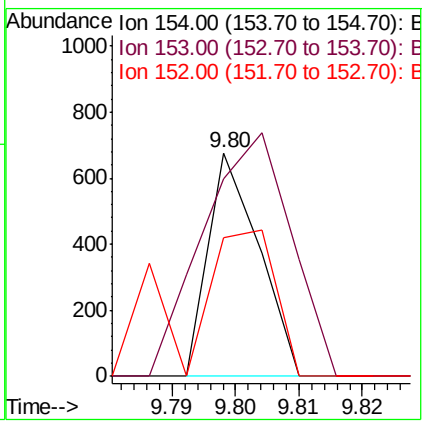


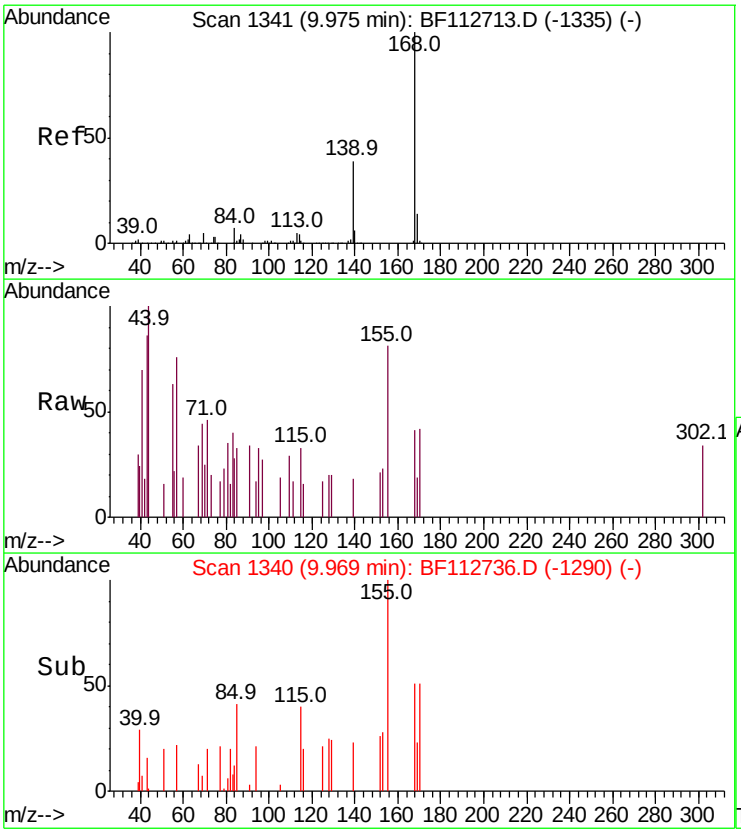
#52
Acenaphthene
Concen: 0.022 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:154 Resp: 371

Ion	Ratio	Lower	Upper
154	100		
153	88.8	87.8	131.8
152	62.3	43.0	64.6

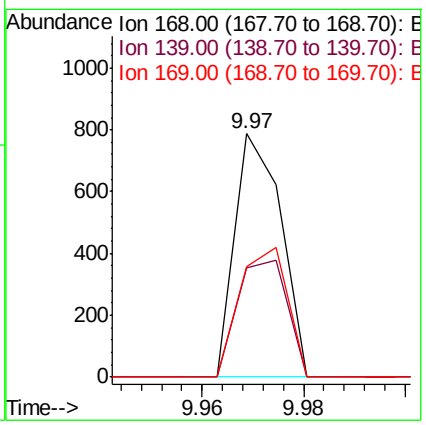


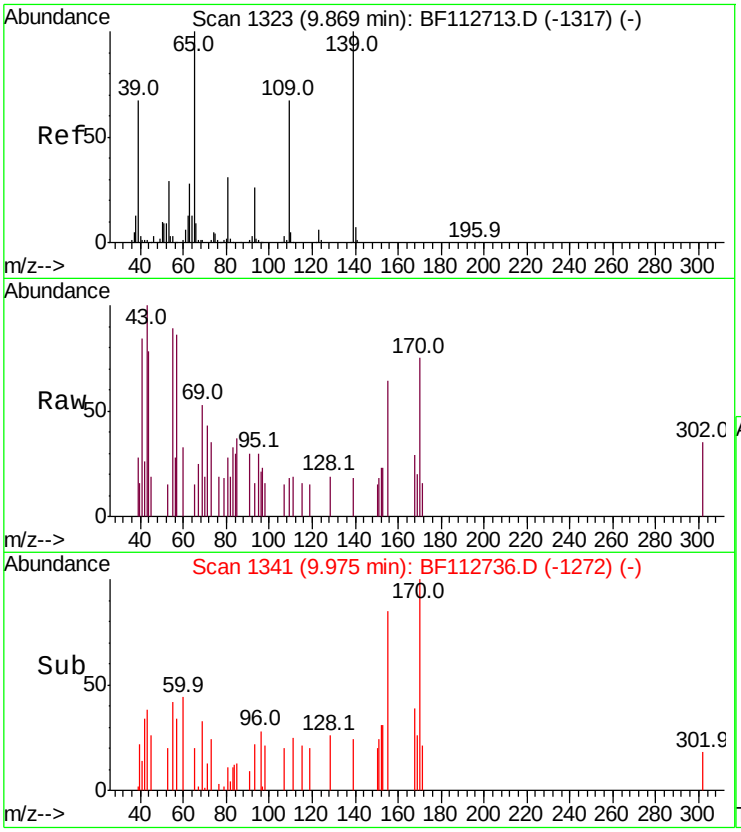


#55
Dibenzofuran
Concen: 0.020 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:168 Resp: 497

Ion	Ratio	Lower	Upper
168	100		
139	44.7	31.3	46.9
169	45.2	11.3	16.9#



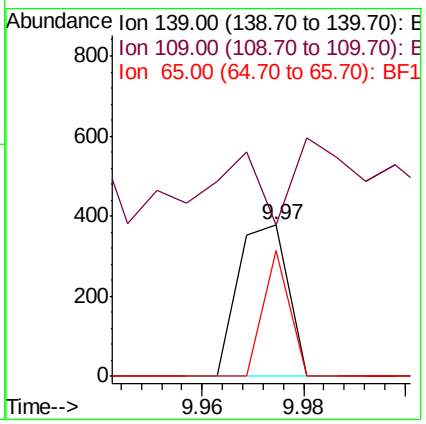


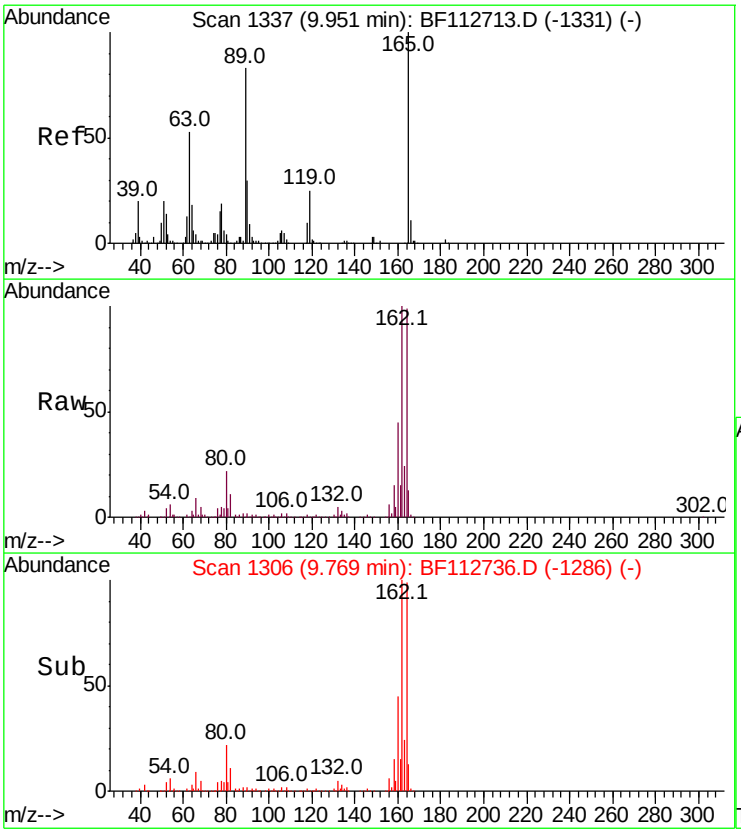
#56
4-Nitrophenol
Concen: 0.063 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.11 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:139 Resp: 258

Ion	Ratio	Lower	Upper
139	100		
109	99.7	46.8	86.8#
65	83.1	80.7	120.7

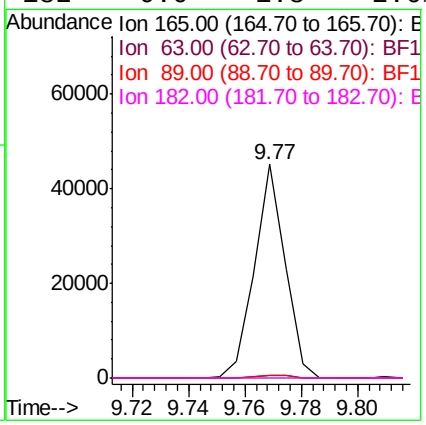


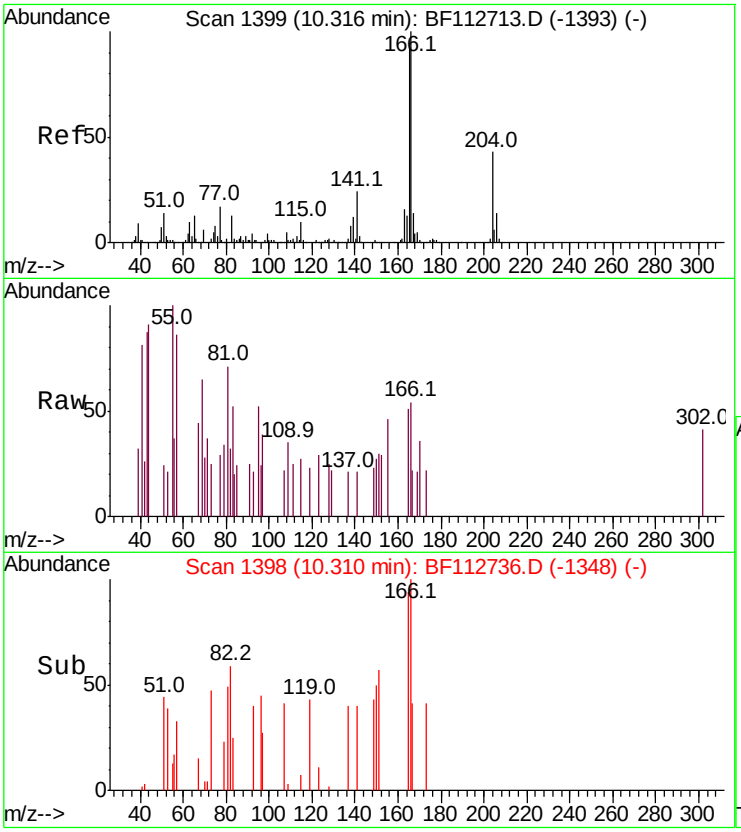


#57
2,4-Dinitrotoluene
Concen: 6.595 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:165 Resp: 34012

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#



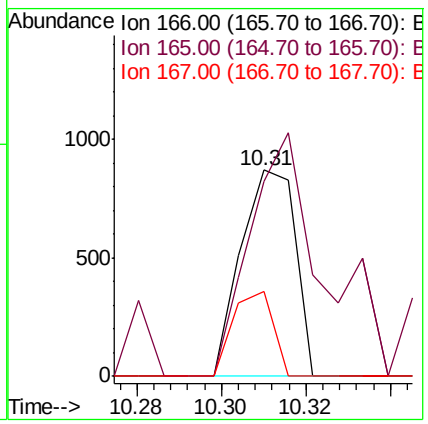


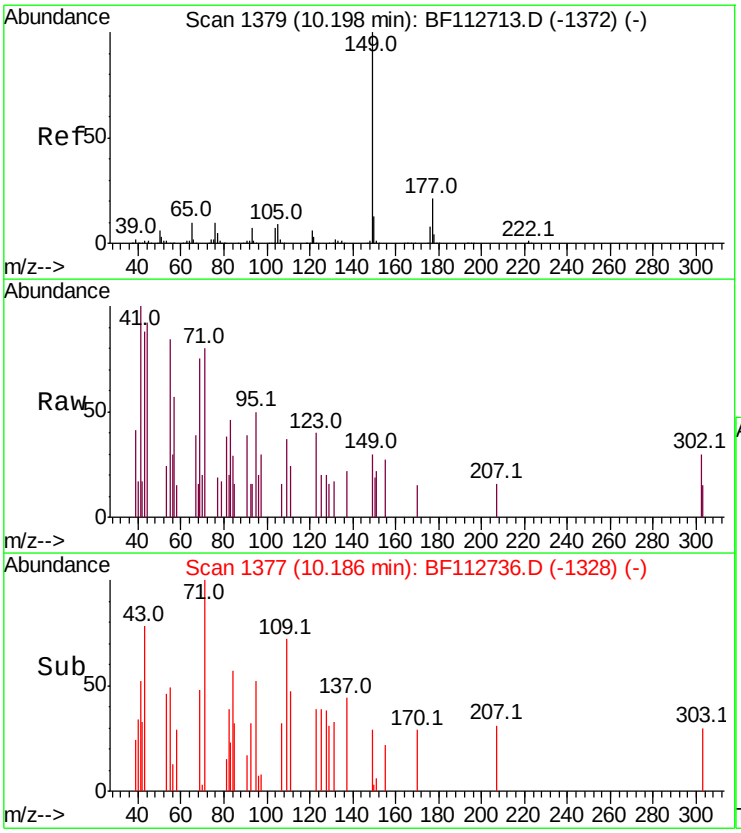
#58
Fluorene
Concen: 0.044 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:166 Resp: 779

Ion	Ratio	Lower	Upper
166	100		
165	94.5	74.7	112.1
167	41.1	11.0	16.6#

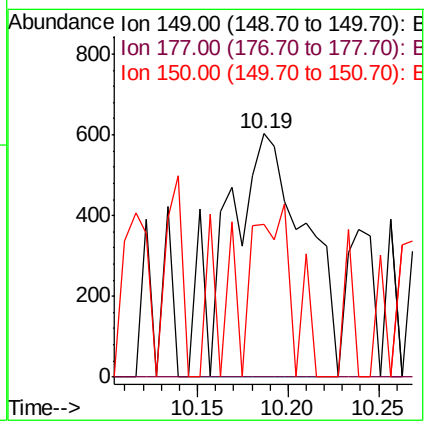


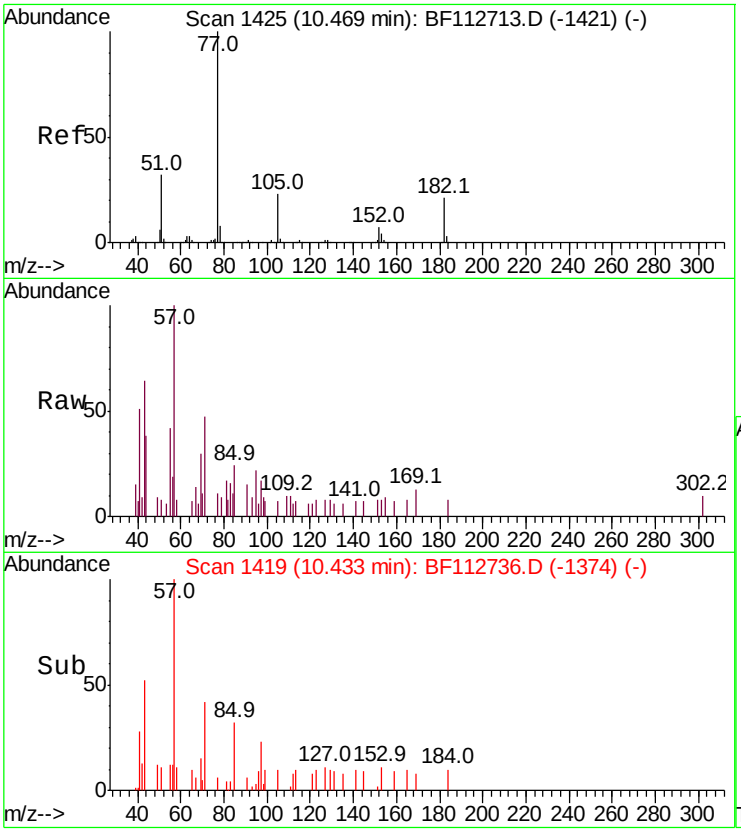


#60
Diethylphthalate
Concen: 0.086 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:149 Resp: 1816

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.0	25.6#
150	62.5	10.0	15.0#



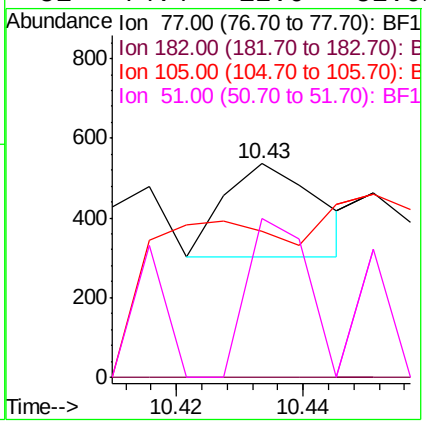


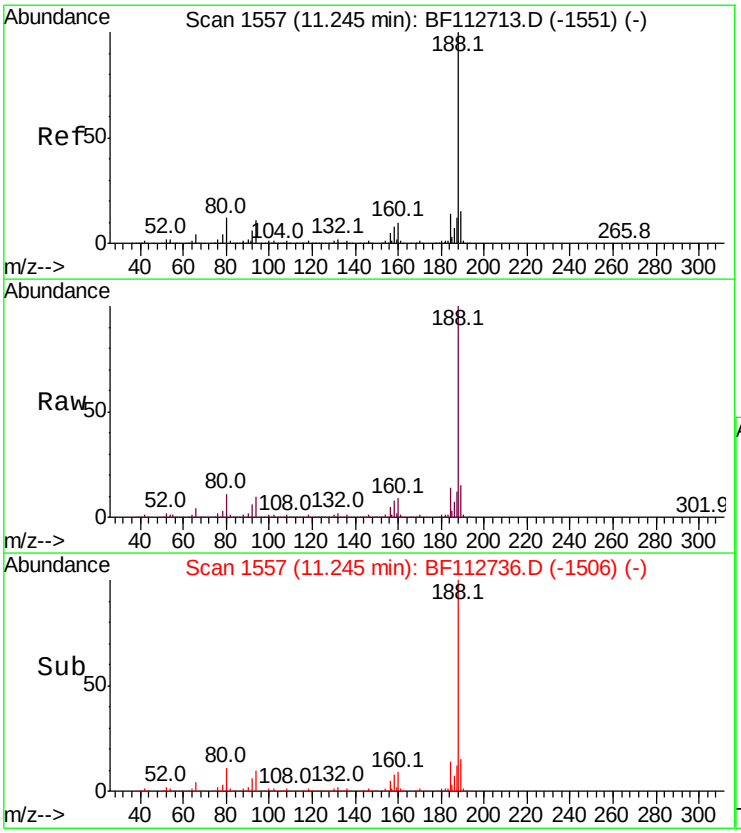
#63
Azobenzene
Concen: 0.011 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.04 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion: 77 Resp: 244

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.4	41.4#
105	68.5	2.6	42.6#
51	74.4	12.0	52.0#

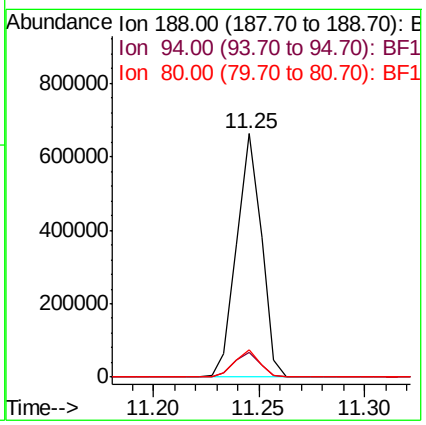


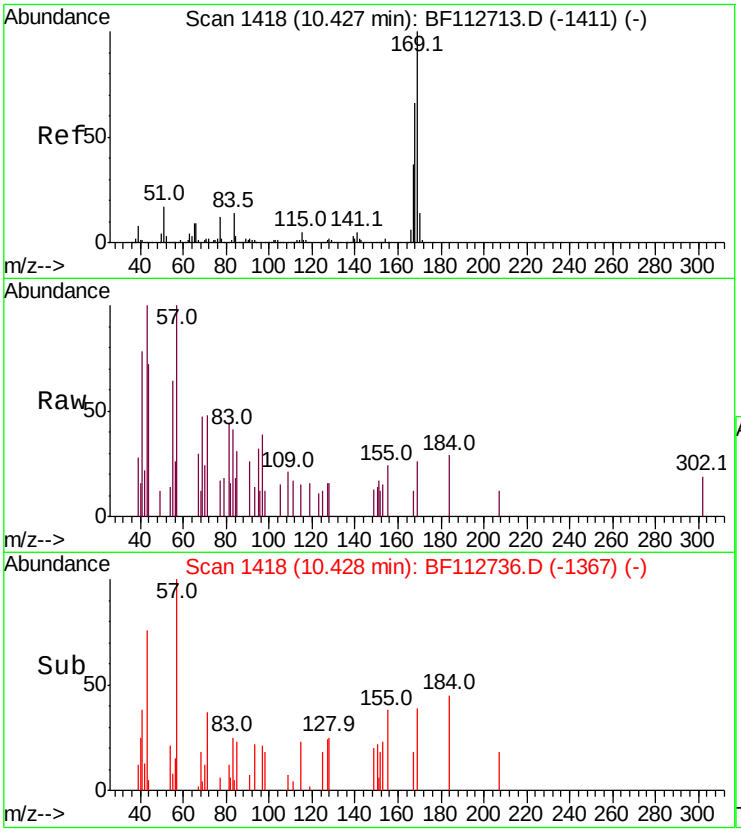


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:188 Resp: 537813

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	11.0	9.2	13.8



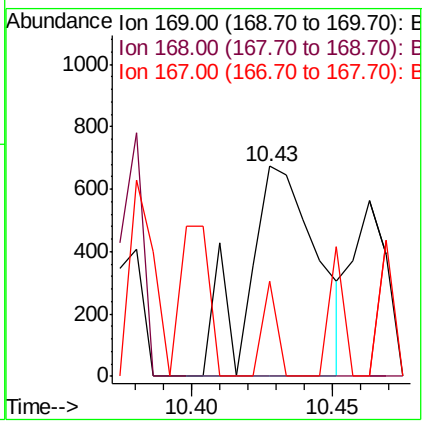


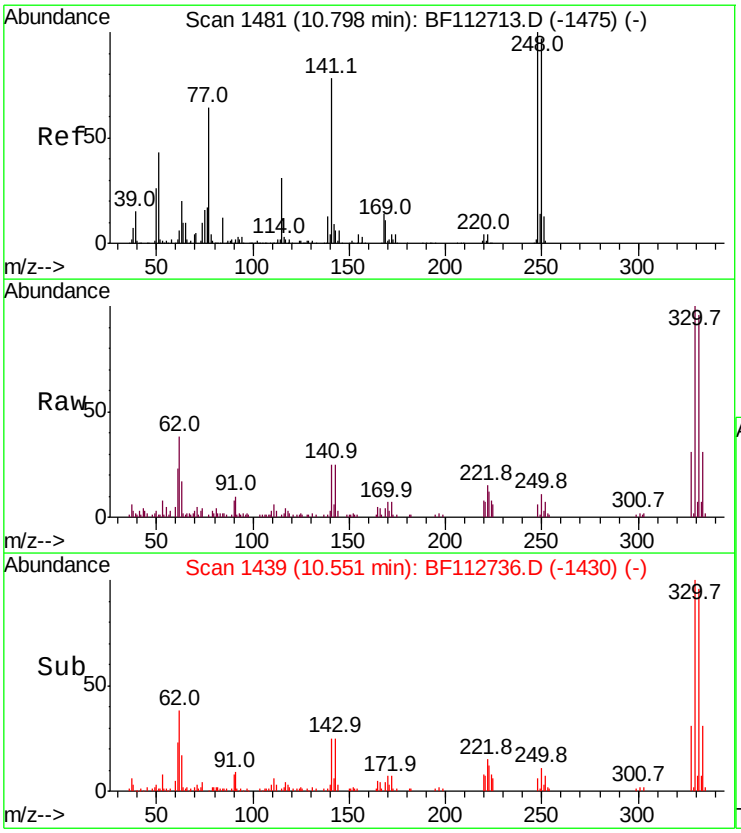
#66
n-Nitrosodiphenylamine
Concen: 0.067 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:169 Resp: 1158

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.0	79.6#
167	45.3	29.3	43.9#

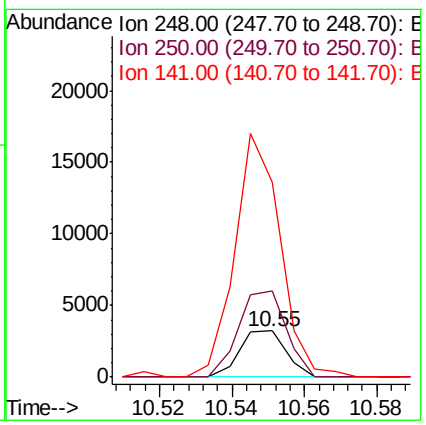


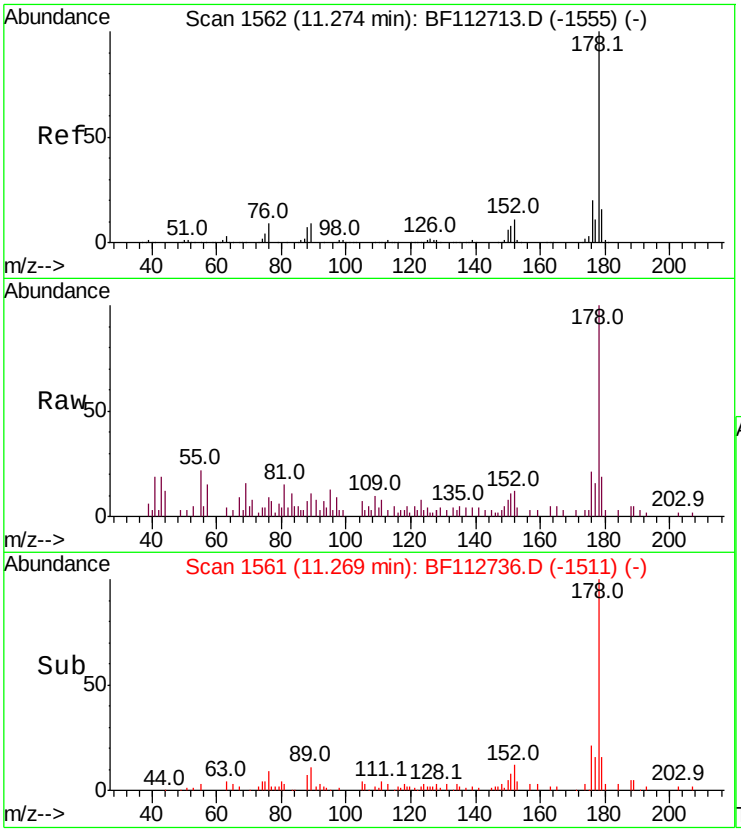


#67
4-Bromophenyl-phenylether
Concen: 0.506 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:248 Resp: 2868

Ion	Ratio	Lower	Upper
248	100		
250	187.9	77.5	116.3#
141	424.8	62.4	93.6#



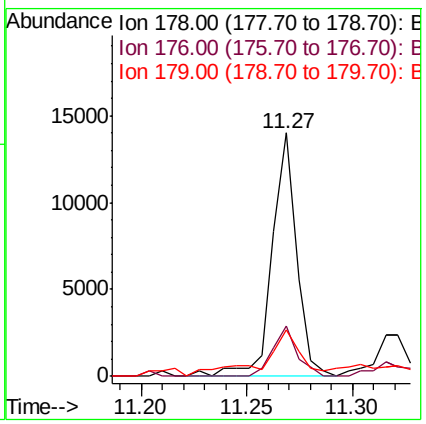


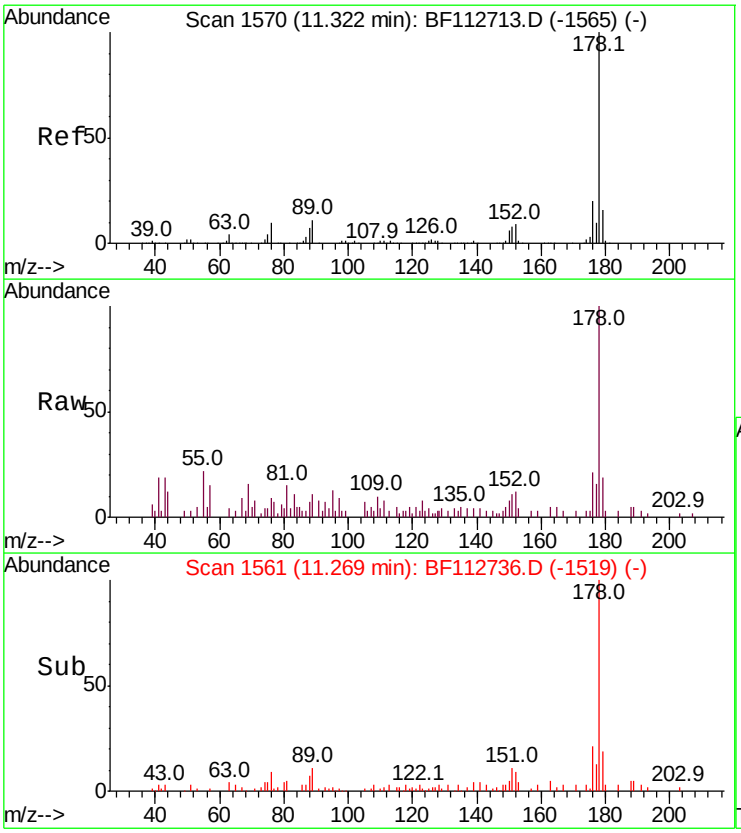
#71
Phenanthrene
Concen: 0.423 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:178 Resp: 11323

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.3	24.5
179	19.1	12.7	19.1#

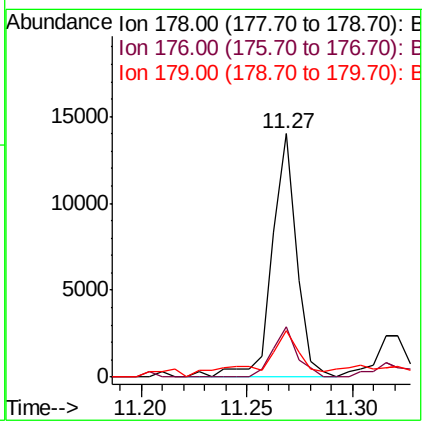


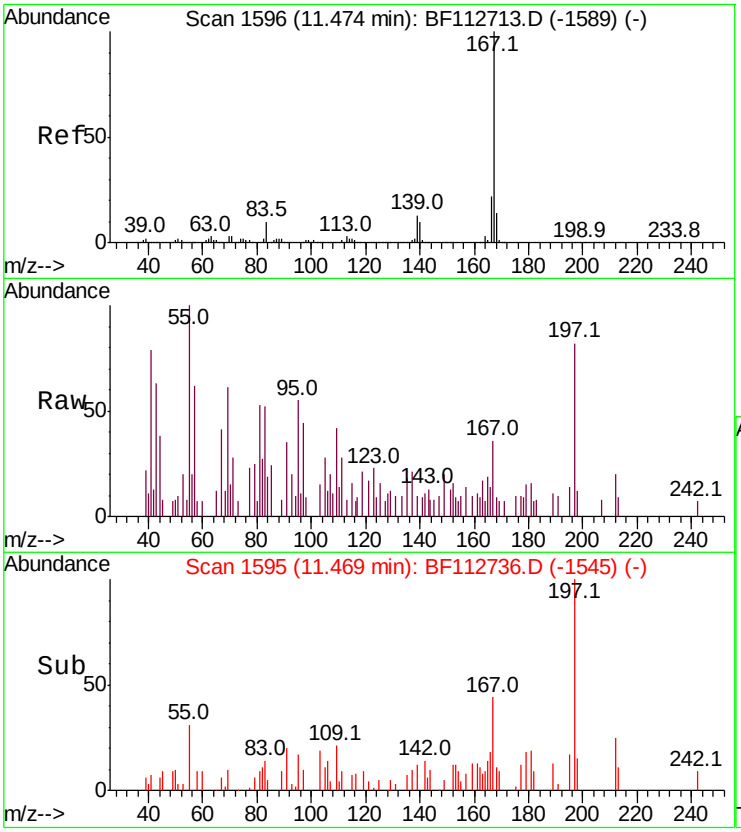


#72
Anthracene
Concen: 0.404 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.05 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:178 Resp: 11323

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	19.1	13.0	19.6



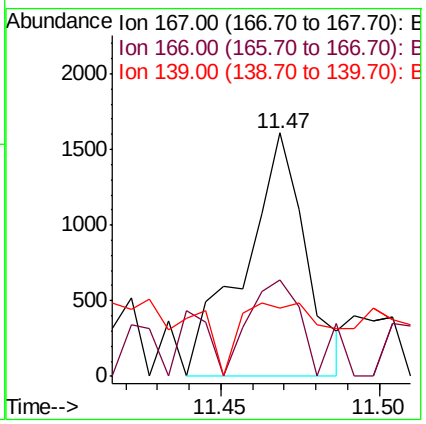


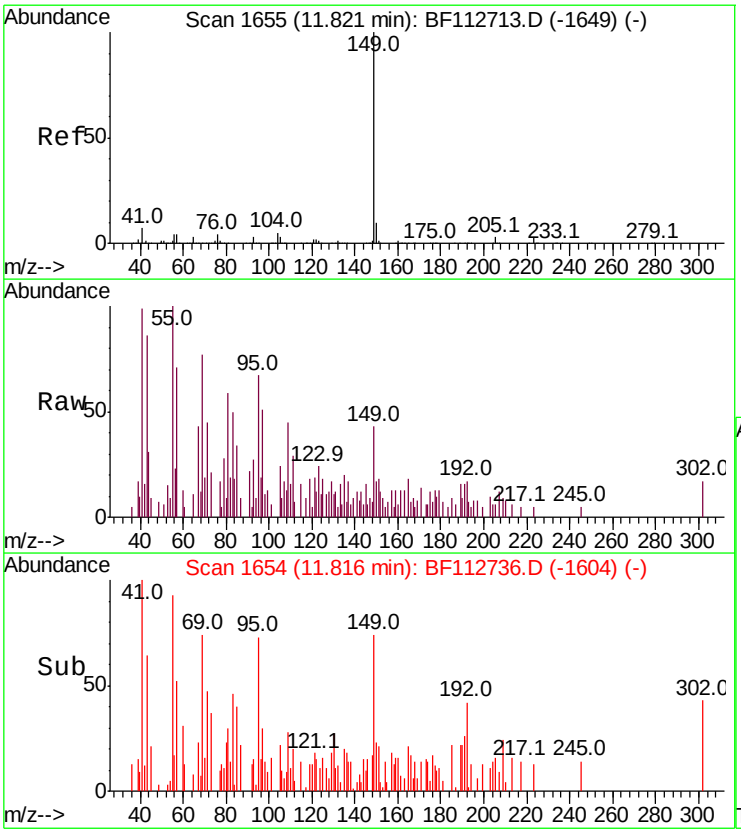
#73
Carbazole
Concen: 0.079 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:167 Resp: 2170

Ion	Ratio	Lower	Upper
167	100		
166	39.5	17.5	26.3#
139	28.1	10.8	16.2#

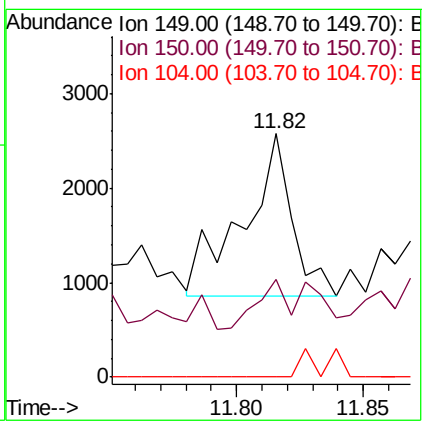


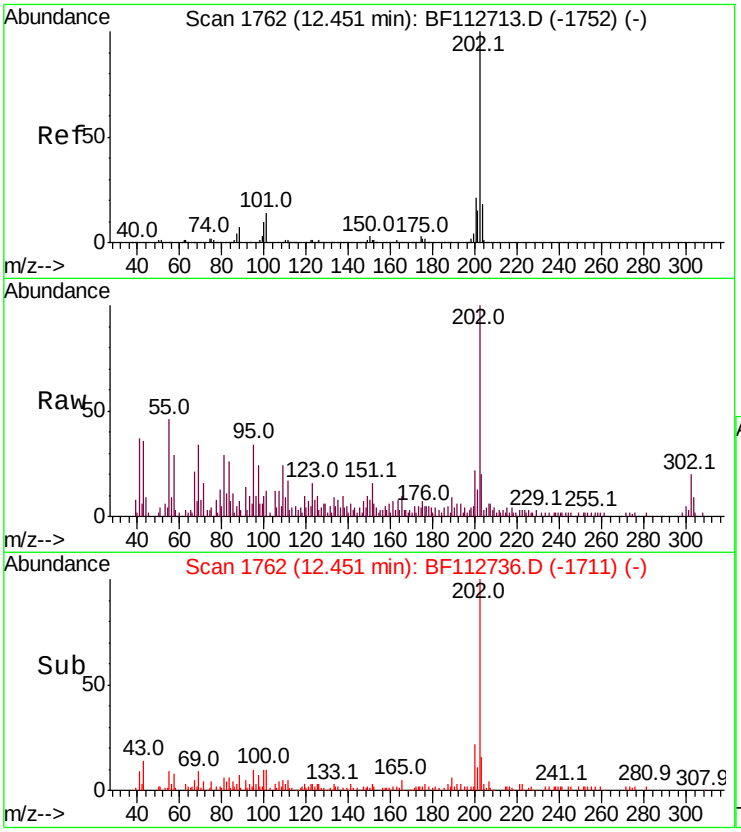


#74
Di-n-butylphthalate
Concen: 0.071 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:149 Resp: 2337

Ion	Ratio	Lower	Upper
149	100		
150	40.3	7.6	11.4#
104	0.0	3.7	5.5#



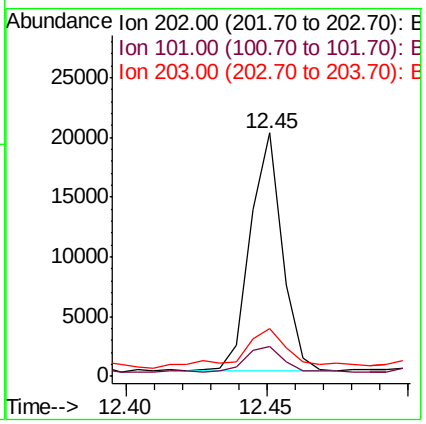


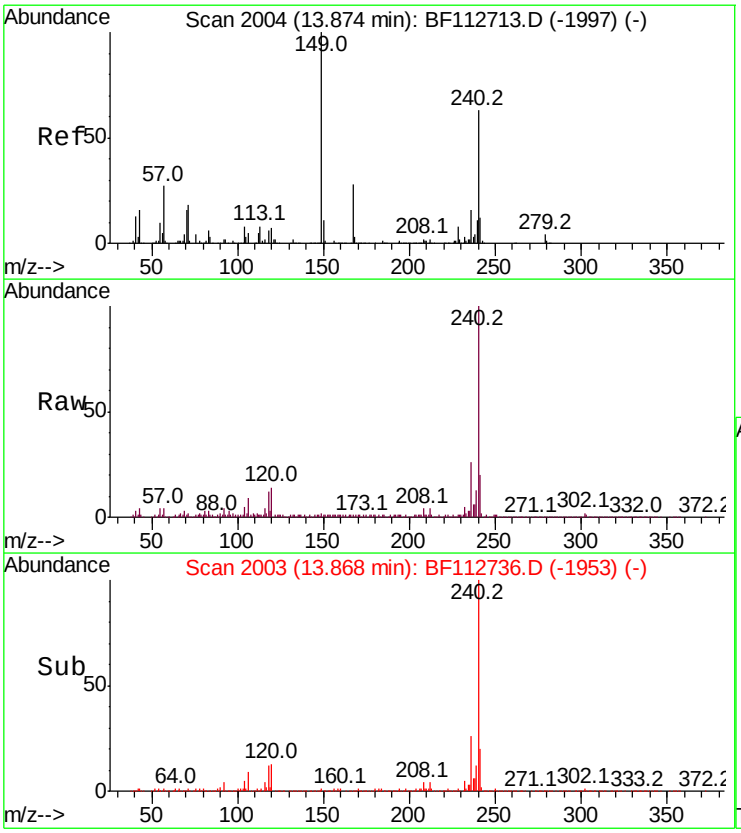
#75
Fluoranthene
Concen: 0.549 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:202 Resp: 15730

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.8
203	19.7	0.0	38.4

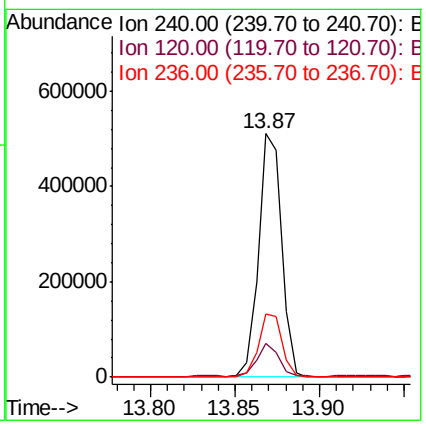


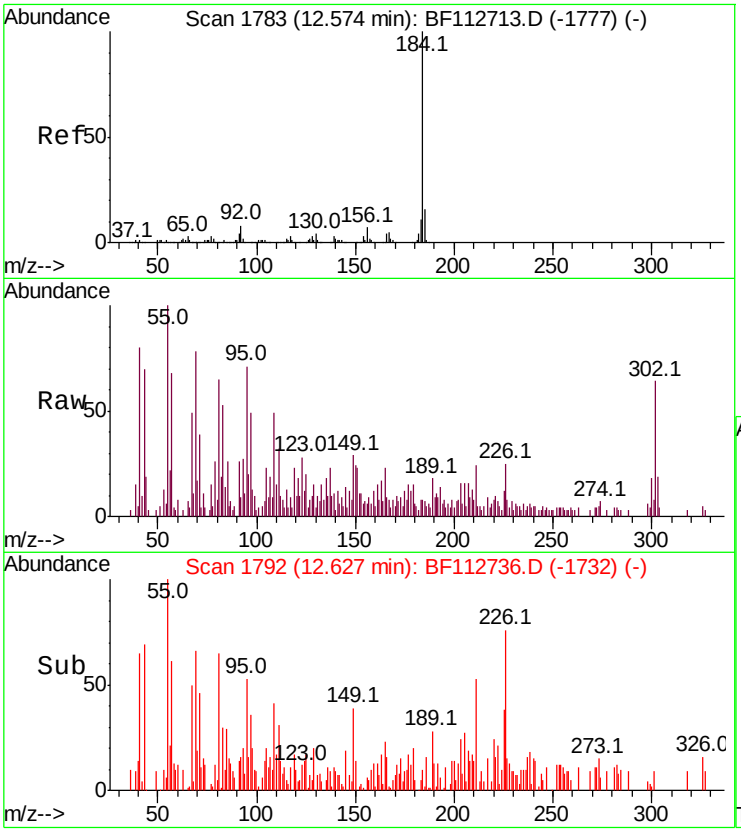


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:240 Resp: 481426

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.9	13.3#
236	26.0	20.7	31.1



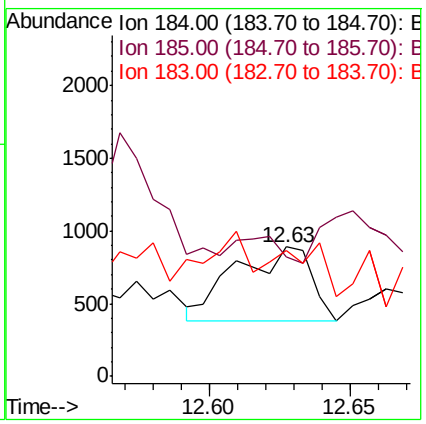


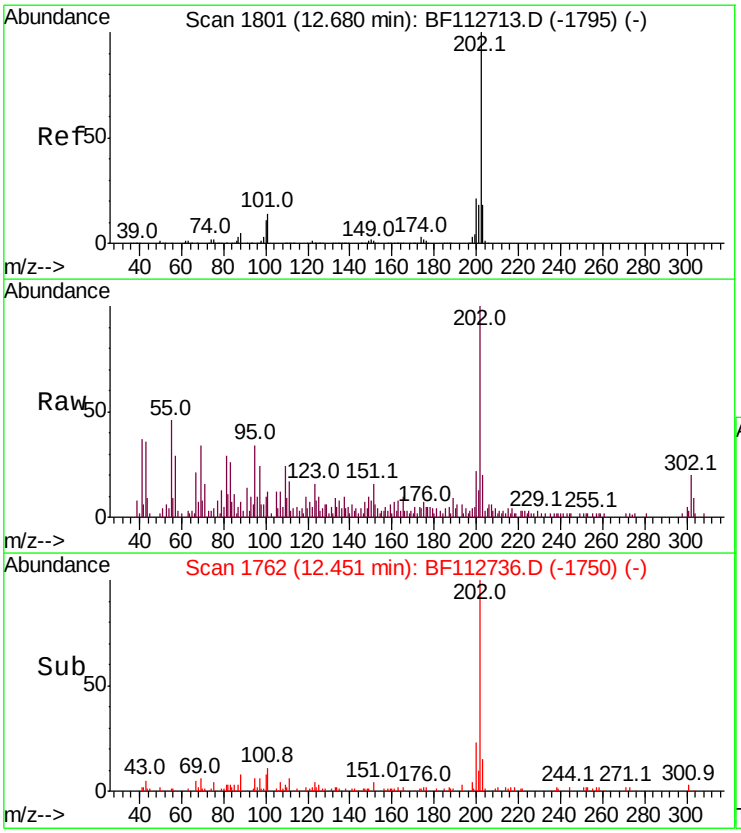
#77
Benzidine
Concen: 0.038 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.05 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:184 Resp: 949

Ion	Ratio	Lower	Upper
184	100		
185	92.4	12.6	18.8#
183	97.9	8.6	12.8#

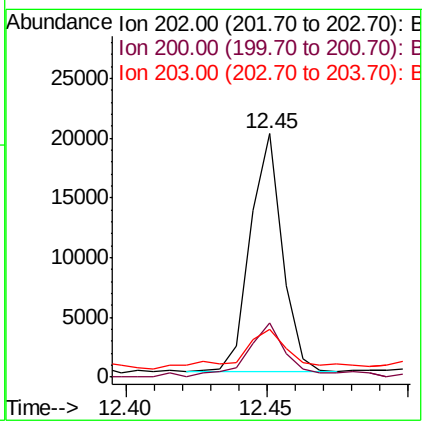


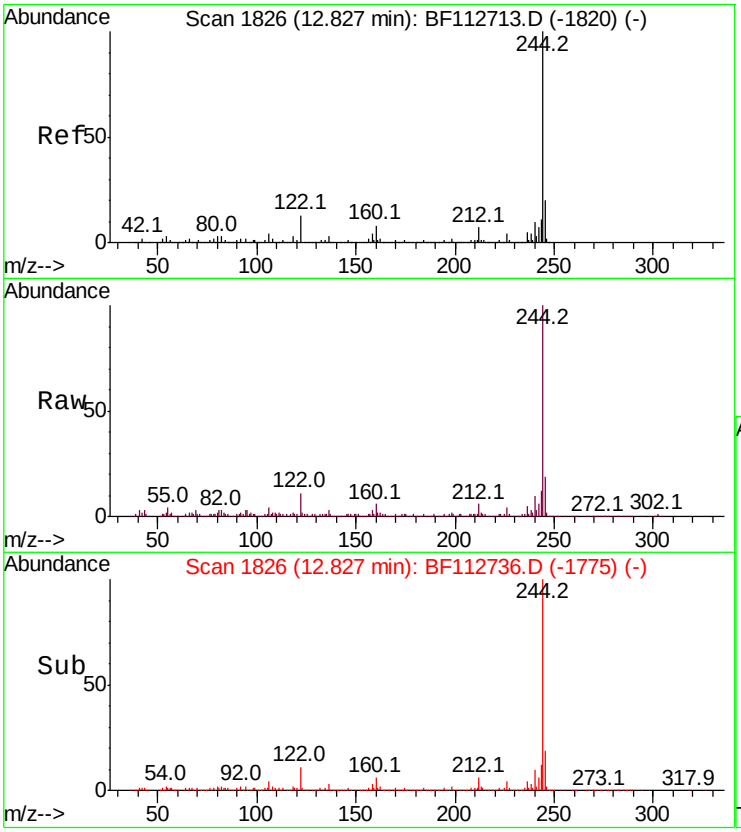


#78
Pyrene
Concen: 0.388 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.23 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:202 Resp: 15730

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.0	25.4
203	19.7	14.4	21.6



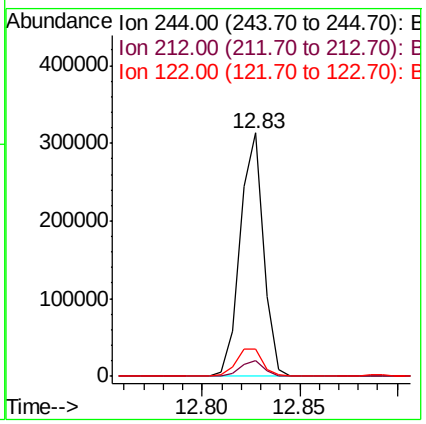


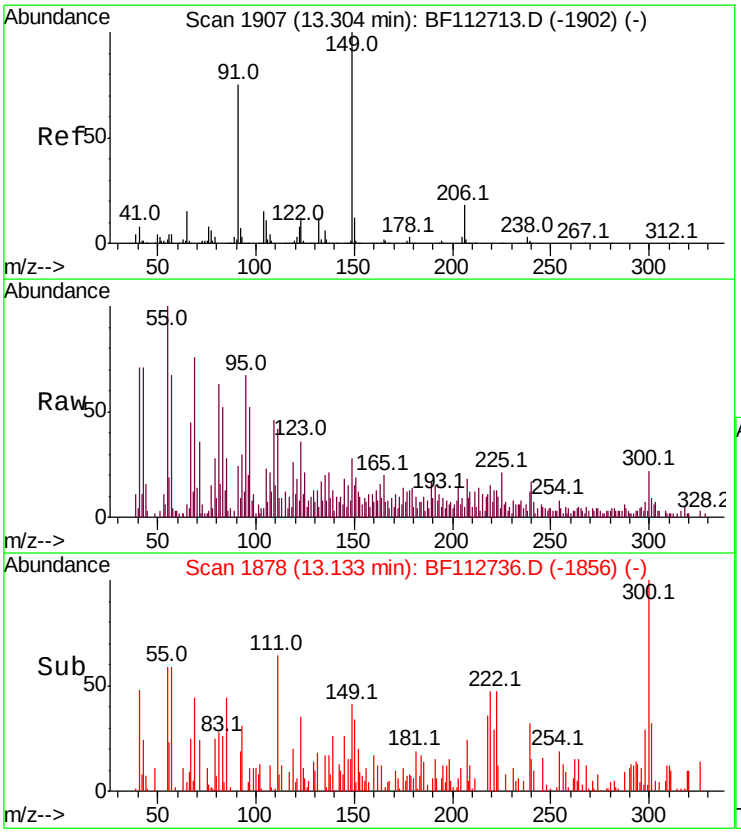
#79
Terphenyl-d14
Concen: 10.425 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:244 Resp: 258905

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	11.1	10.5	15.7

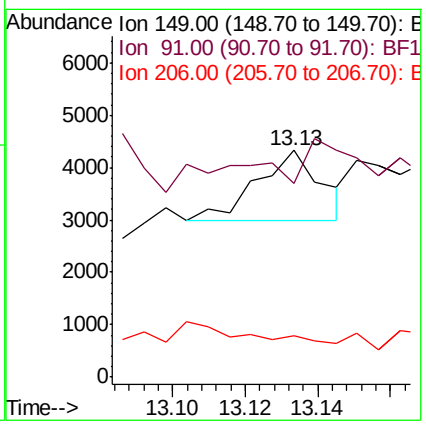


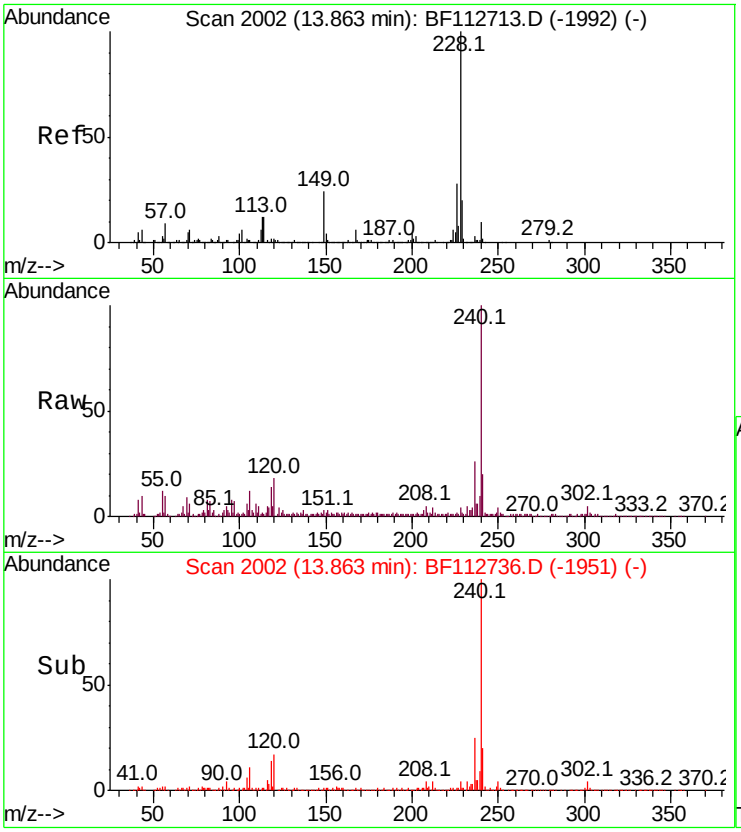


#80
Butylbenzylphthalate
Concen: 0.094 ng
RT: 13.13 min Scan# 1878
Delta R.T. -0.17 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:149 Resp: 1679

Ion	Ratio	Lower	Upper
149	100		
91	85.7	59.9	89.9
206	18.2	14.7	22.1



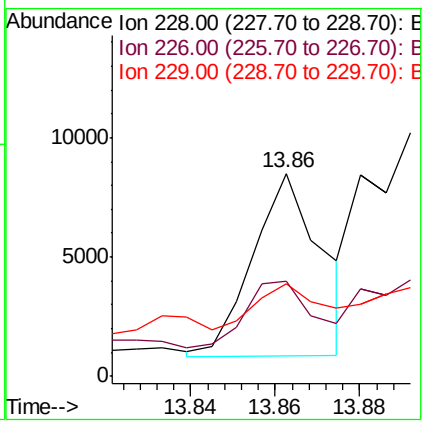


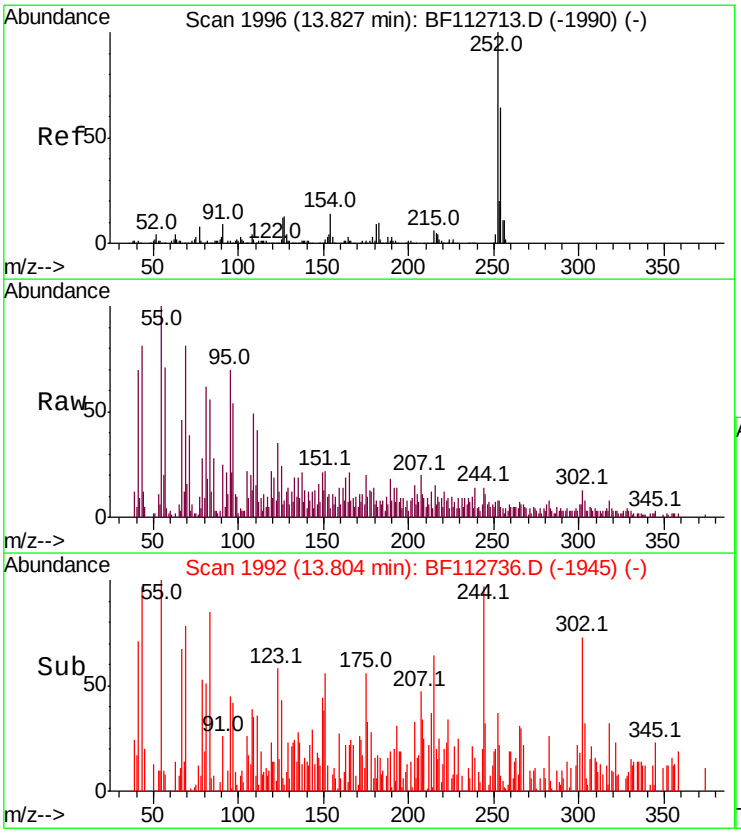
#81
Benzo(a)anthracene
Concen: 0.259 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:228 Resp: 8648

Ion	Ratio	Lower	Upper
228	100		
226	46.7	22.2	33.4#
229	45.8	16.0	24.0#

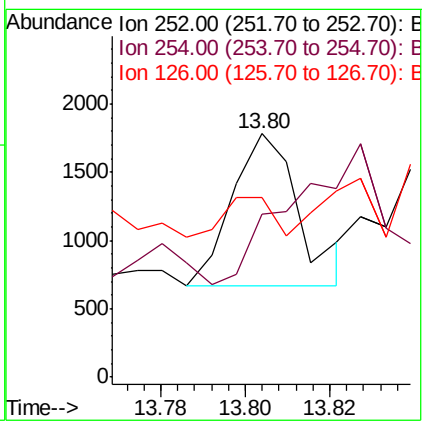


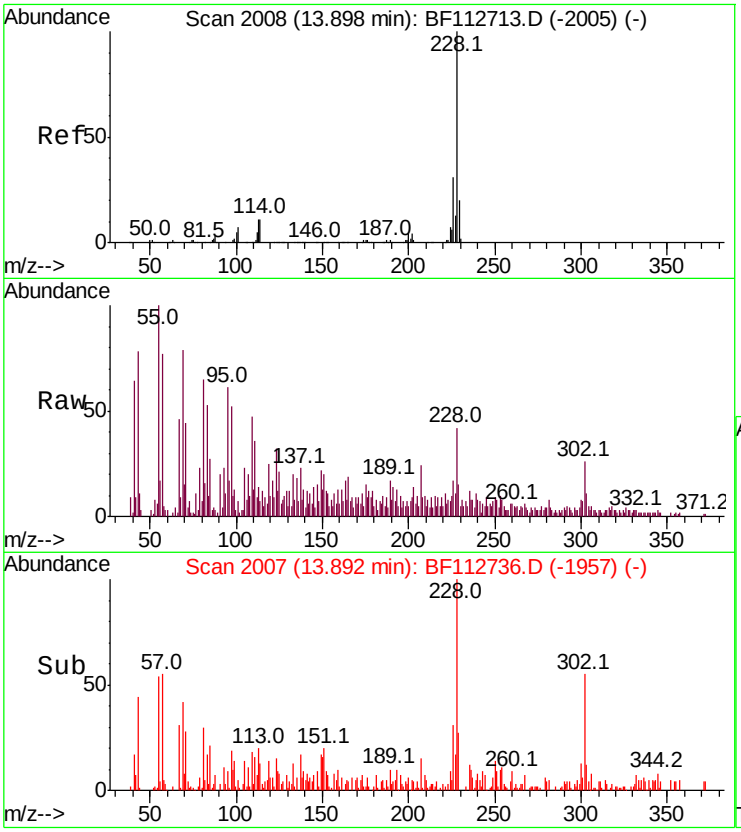


#82
3,3'-Dichlorobenzidine
Concen: 0.098 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:252 Resp: 1233

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.1	76.7
126	74.0	9.9	14.9#



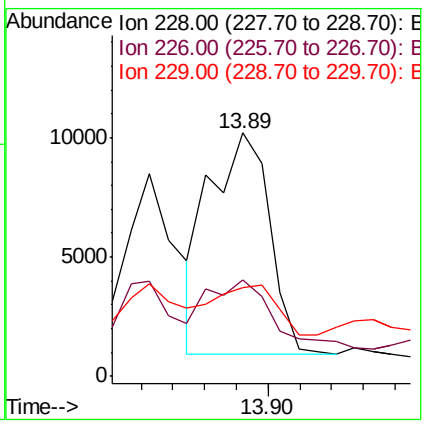


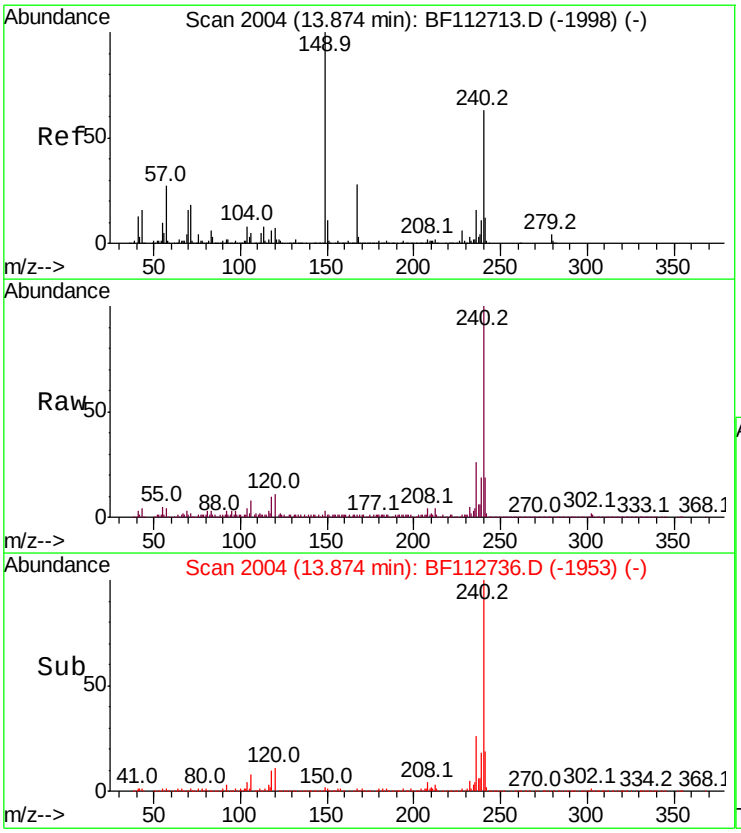
#83
Chrysene
Concen: 0.374 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:228 Resp: 12215

Ion	Ratio	Lower	Upper
228	100		
226	39.6	24.9	37.3#
229	36.4	16.3	24.5#

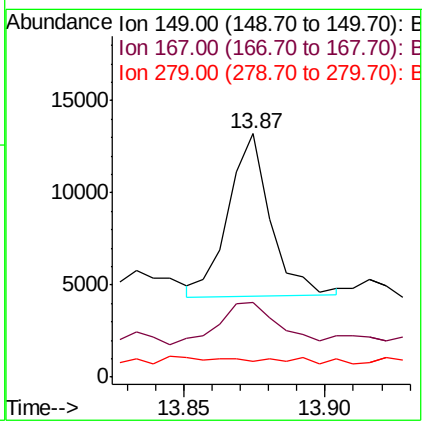


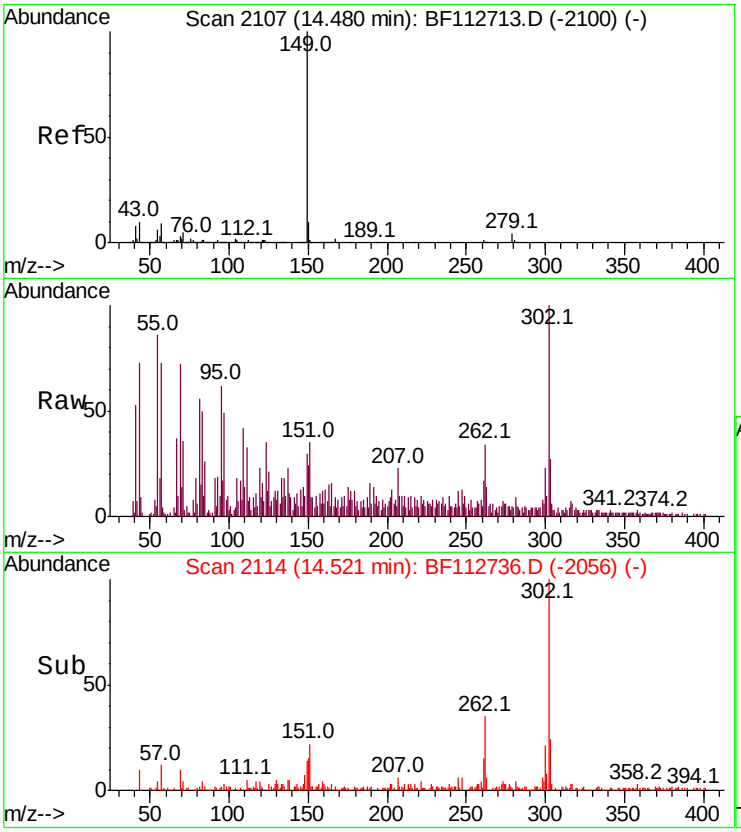


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:149 Resp: 9219

Ion	Ratio	Lower	Upper
149	100		
167	30.8	22.4	33.6
279	6.4	3.3	4.9#



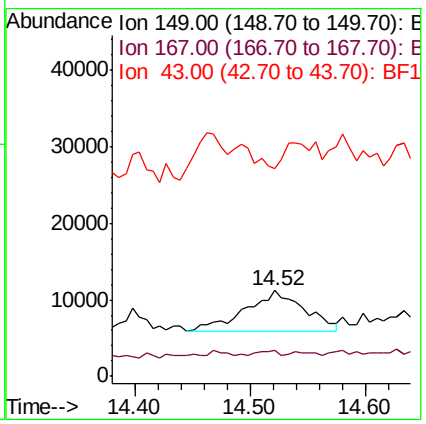


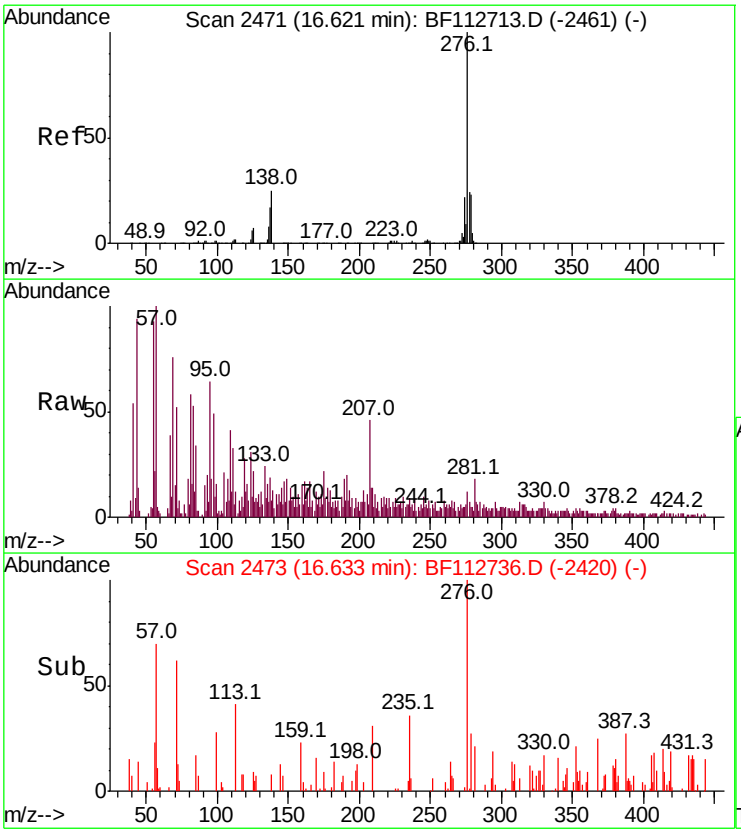
#85
Di-n-octyl phthalate
Concen: 0.531 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.04 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:149 Resp: 19159

Ion	Ratio	Lower	Upper
149	100		
167	3.9	1.2	1.8#
43	0.0	9.0	13.4#

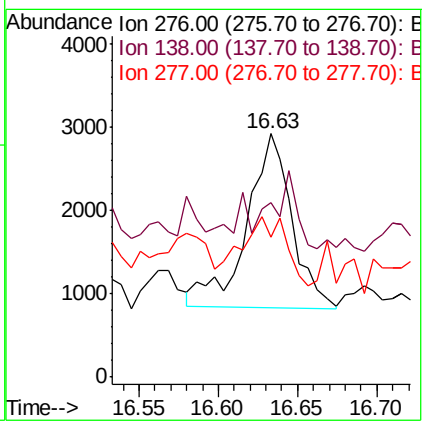


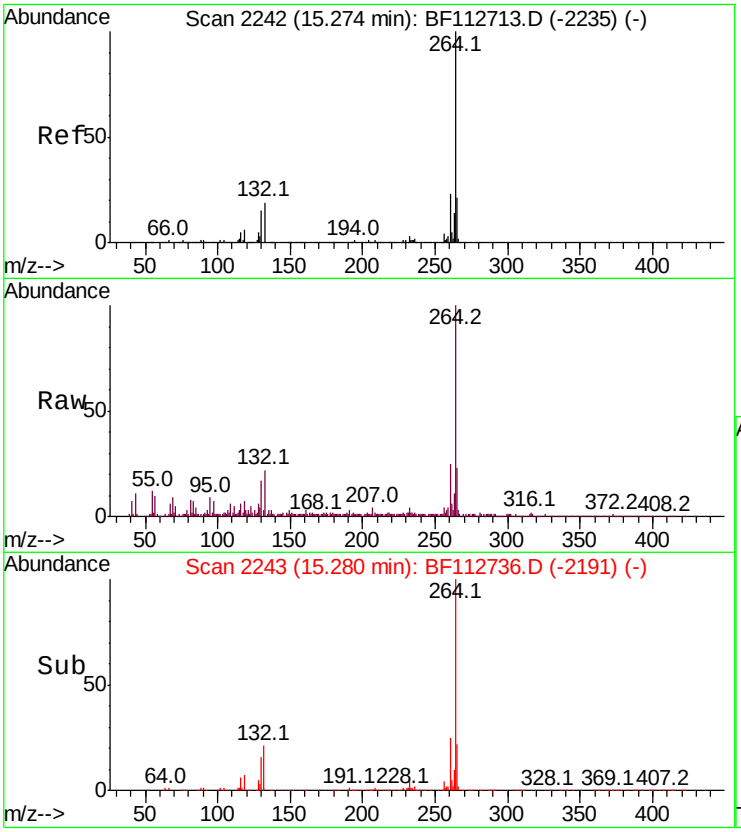


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:276 Resp: 4148

Ion	Ratio	Lower	Upper
276	100		
138	21.1	23.2	34.8#
277	36.2	19.9	29.9#



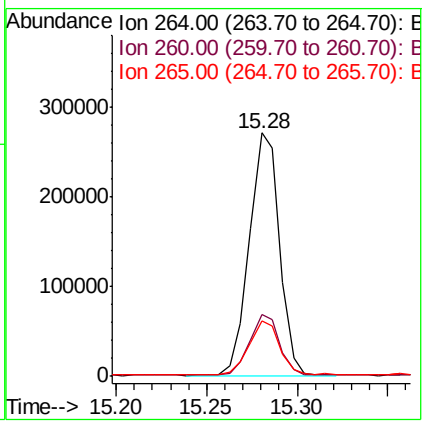


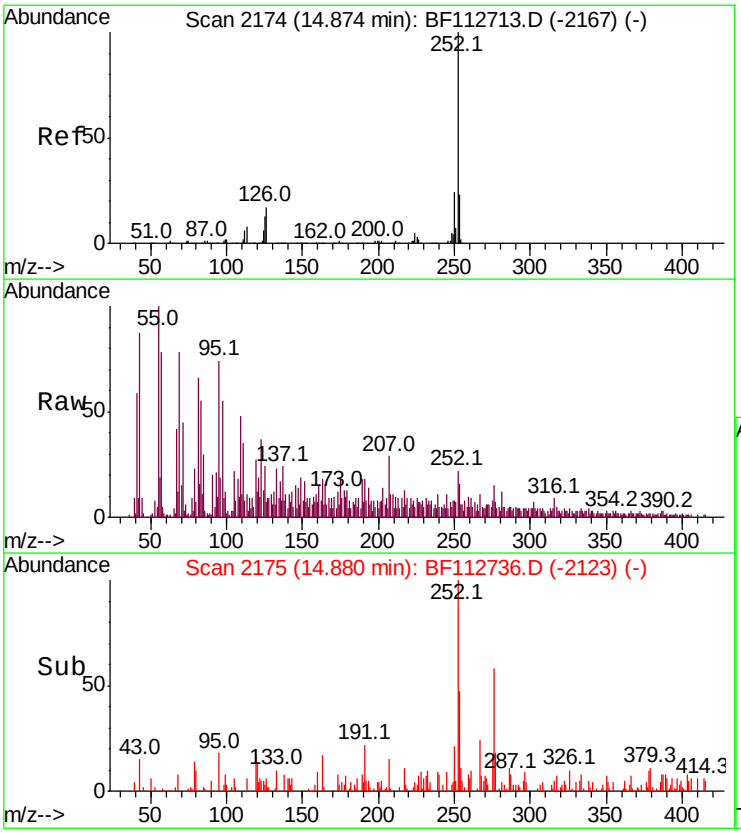
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:264 Resp: 312871

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.7	28.1
265	22.6	17.2	25.8

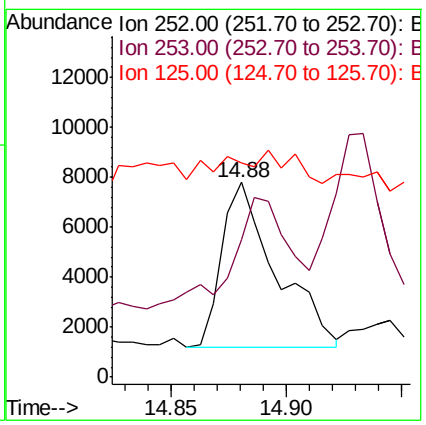


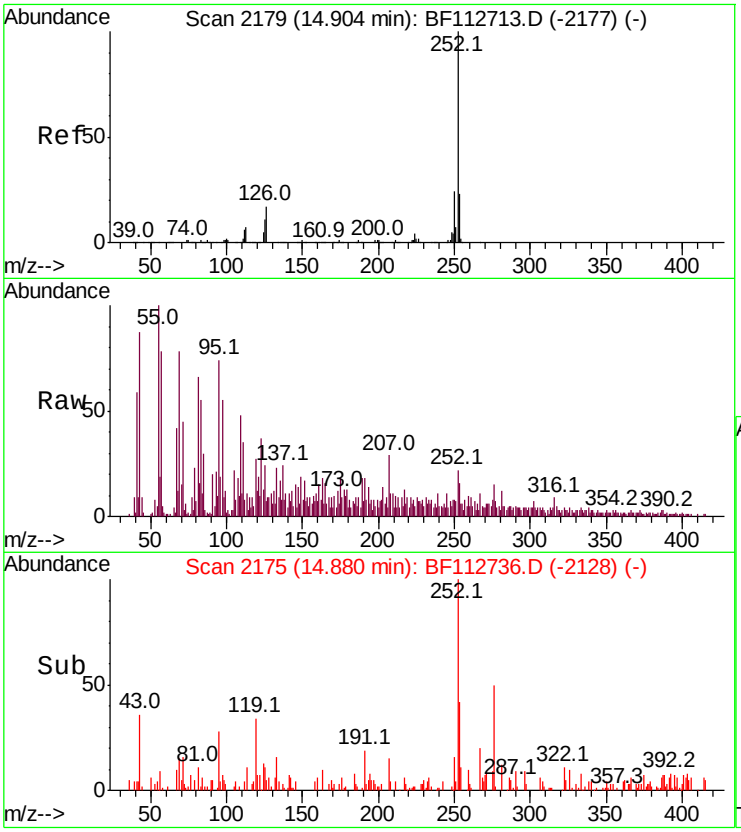


#88
Benzo(b)fluoranthene
Concen: 0.535 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:252 Resp: 10825

Ion	Ratio	Lower	Upper
252	100		
253	70.8	18.0	27.0#
125	110.4	10.2	15.2#



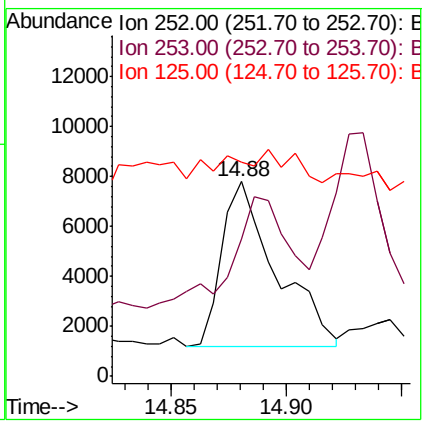


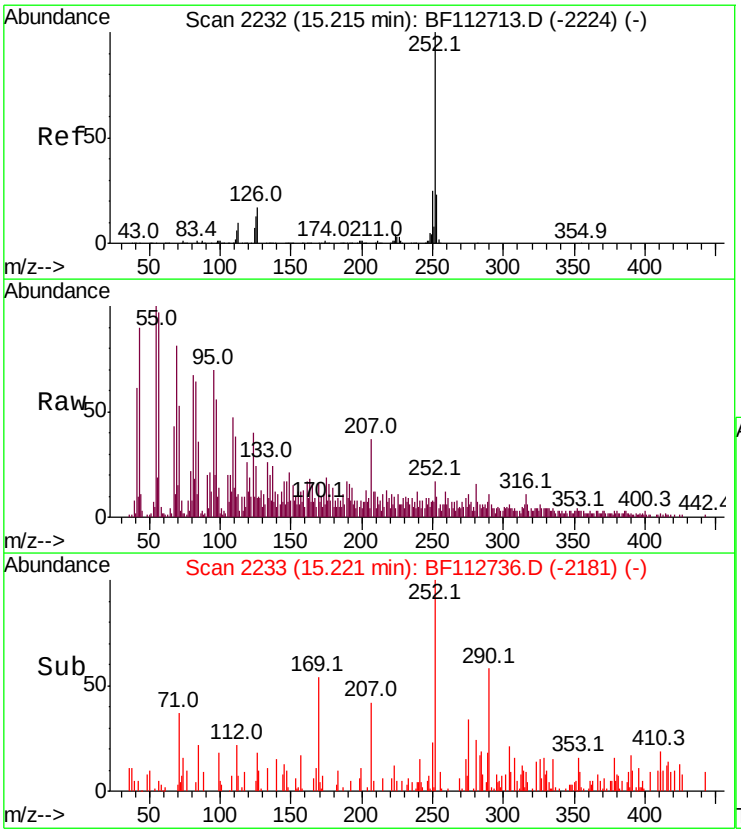
#89
Benzo(k)fluoranthene
Concen: 0.591 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:252 Resp: 10825

Ion	Ratio	Lower	Upper
252	100		
253	70.8	18.2	27.2#
125	110.4	9.8	14.6#

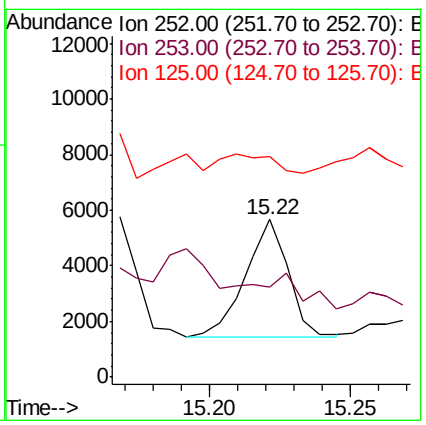


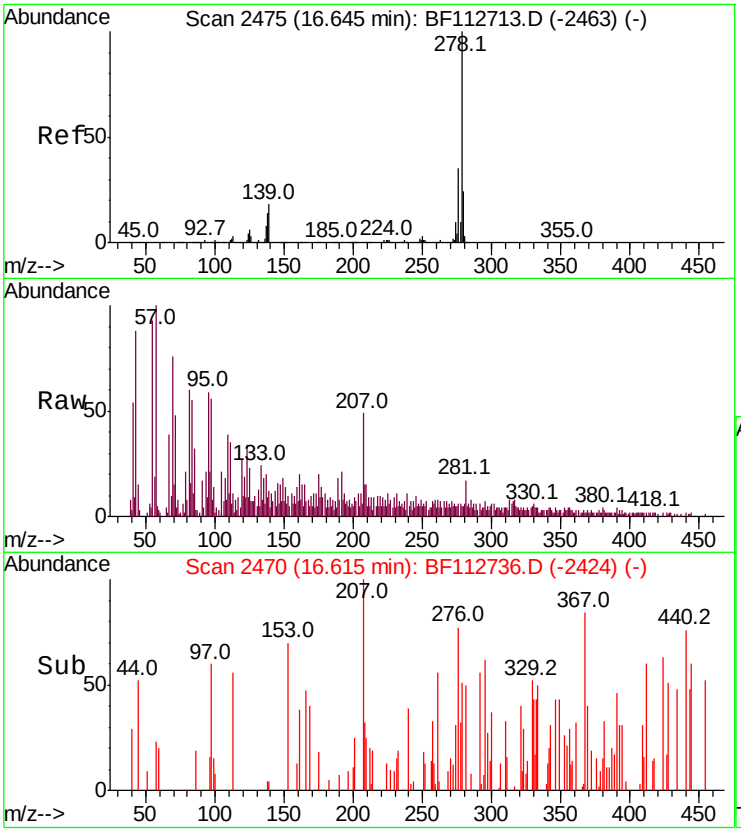


#90
Benzo(a)pyrene
Concen: 0.248 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:252 Resp: 4435

Ion	Ratio	Lower	Upper
252	100		
253	57.4	18.0	27.0#
125	140.0	10.7	16.1#



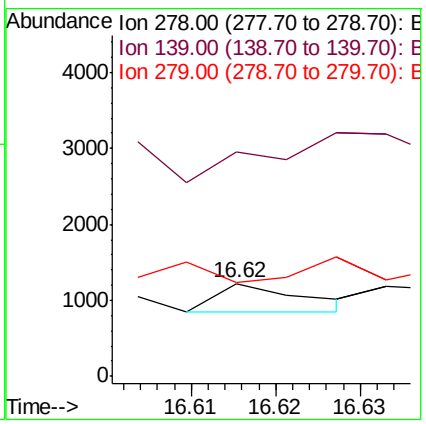


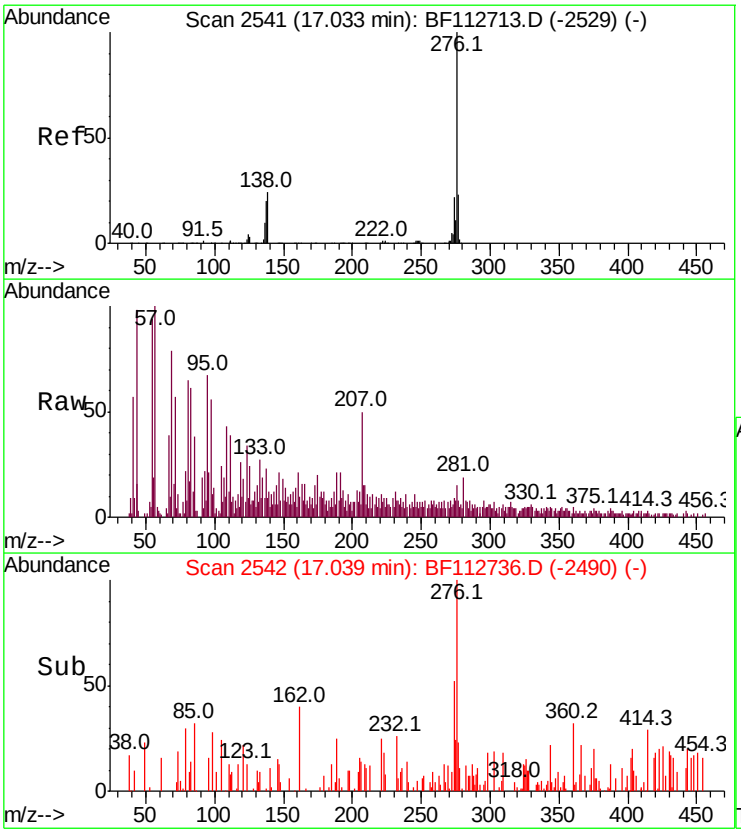
#91
Dibenzo(a,h)anthracene
Concen: 0.017 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.03 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Instrument :
BNA_F
ClientSampleId :
B-9(4-5)

Tgt Ion:278 Resp: 266

Ion	Ratio	Lower	Upper
278	100		
139	241.5	14.3	21.5#
279	100.8	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 0.292 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112736.D
Acq: 27 Feb 2019 23:18

Tgt Ion:276 Resp: 4475

Ion	Ratio	Lower	Upper
276	100		
277	54.0	18.6	27.8#
138	56.3	19.4	29.0#