Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112241.D
Acq On : 25 Jan 2019 19:32
Operator : JU/SJ
Sample : K1238-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Time: Jan 27 23:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	192890	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	655126	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	346368	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	631781	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359482	20.00	ng	-0.02
87) Perylene-d12	15.46	264	365816	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1105165	121.70	ng	0.00
7) Phenol-d6	6.49	99	1766167	139.96	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1157322	101.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	517063	128.25	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1698644	69.36	ng	-0.01
79) Terphenyl-d14	12.95	244	1756439	92.03	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.50	93	1156	0.077	ng	# 1
8) 2-Chlorophenol	6.63	128	485	0.040	ng	# 1
9) Benzaldehyde	6.49	77	3310	0.502	ng	# 1
10) Phenol	6.50	94	45250	3.269	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	2372	0.218	ng	# 1
12) 1,3-Dichlorobenzene	7.00	146	111	0.008	ng	# 1
13) 1,4-Dichlorobenzene	7.00	146	111	0.008	ng	# 1
14) 1,2-Dichlorobenzene	7.00	146	111	0.008	ng	# 1
15) Benzyl Alcohol	7.00	79	19651	1.847	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	6.89	45	114	0.008	ng	63
17) 2-Methylphenol	7.00	107	251	0.026	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	159198	18.296	ng	# 76
20) 3+4-Methylphenols	7.00	107	251	0.020	ng	# 1
22) Acetophenone	7.00	105	121	0.008	ng	# 1
24) Nitrobenzene	7.40	77	3480	0.306	ng	# 32
25) Isophorone	7.40	82	1139779	63.900	ng	# 64
31) Naphthalene	8.15	128	1726	0.056	ng	# 67
32) Benzoic acid	8.12	122	109	0.023	ng	# 1
37) 2-Methylnaphthalene	8.84	142	326	0.016	ng	# 65
38) 1-Methylnaphthalene	8.93	142	240	0.012	ng	# 76
46) 1,1'-Biphenyl	9.30	154	3517	0.116	ng	85
47) 2-Chloronaphthalene	9.58	162	407	0.017	ng	# 1
48) 2-Nitroaniline	9.59	65	1582	0.247	ng	# 1
49) Acenaphthylene	9.74	152	266	0.008	ng	# 59
50) Dimethylphthalate	9.59	163	188618	7.009	ng	99
51) 2,6-Dinitrotoluene	9.59	165	2104	0.349	ng	# 5
52) Acenaphthene	9.91	154	4637	0.226	ng	93
55) Dibenzofuran	10.09	168	2379	0.076	ng	99
56) 4-Nitrophenol	10.09	139	753	0.218	ng	# 12
57) 2,4-Dinitrotoluene	9.87	165	45307	5.905	ng	# 32
58) Fluorene	10.43	166	2329	0.099	ng	84
60) Diethylphthalate	10.29	149	1601	0.060	ng	# 85
63) Azobenzene	10.57	77	578	0.025	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.67	198	1297	0.366	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112241.D
Acq On : 25 Jan 2019 19:32
Operator : JU/SJ
Sample : K1238-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Time: Jan 27 23:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) n-Nitrosodiphenylamine	10.67	169	15213	0.714	ng	#	47
67) 4-Bromophenyl-phenylether	10.67	248	32818	4.417	ng	#	1
71) Phenanthrene	11.39	178	14135	0.430	ng		98
72) Anthracene	11.39	178	14135	0.432	ng		99
73) Carbazole	11.60	167	2173	0.067	ng	#	84
74) Di-n-butylphthalate	11.92	149	3231	0.081	ng	#	85
75) Fluoranthene	12.57	202	23663	0.672	ng		99
77) Benzidine	12.95	184	23293	2.354	ng		95
78) Pyrene	12.80	202	18364	0.738	ng		95
80) Butylbenzylphthalate	13.41	149	1096	0.091	ng	#	8
81) Benzo(a)anthracene	13.99	228	7231	0.342	ng		96
82) 3,3'-Dichlorobenzidine	13.83	252	106	0.013	ng	#	1
83) Chrysene	14.03	228	8117	0.402	ng		94
84) Bis(2-ethylhexyl)phthalate	13.97	149	3555	0.208	ng	#	93
85) Di-n-octyl phthalate	14.56	149	494	0.019	ng	#	55
86) Indeno(1,2,3-cd)pyrene	16.94	276	4817	0.301	ng		96
88) Benzo(b)fluoranthene	15.04	252	16399	0.750	ng	#	83
89) Benzo(k)fluoranthene	15.04	252	16399	0.783	ng	#	83
90) Benzo(a)pyrene	15.40	252	6648	0.338	ng	#	78
91) Dibenzo(a,h)anthracene	17.00	278	107	0.007	ng	#	55
92) Benzo(g,h,i)perylene	17.38	276	3965	0.265	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
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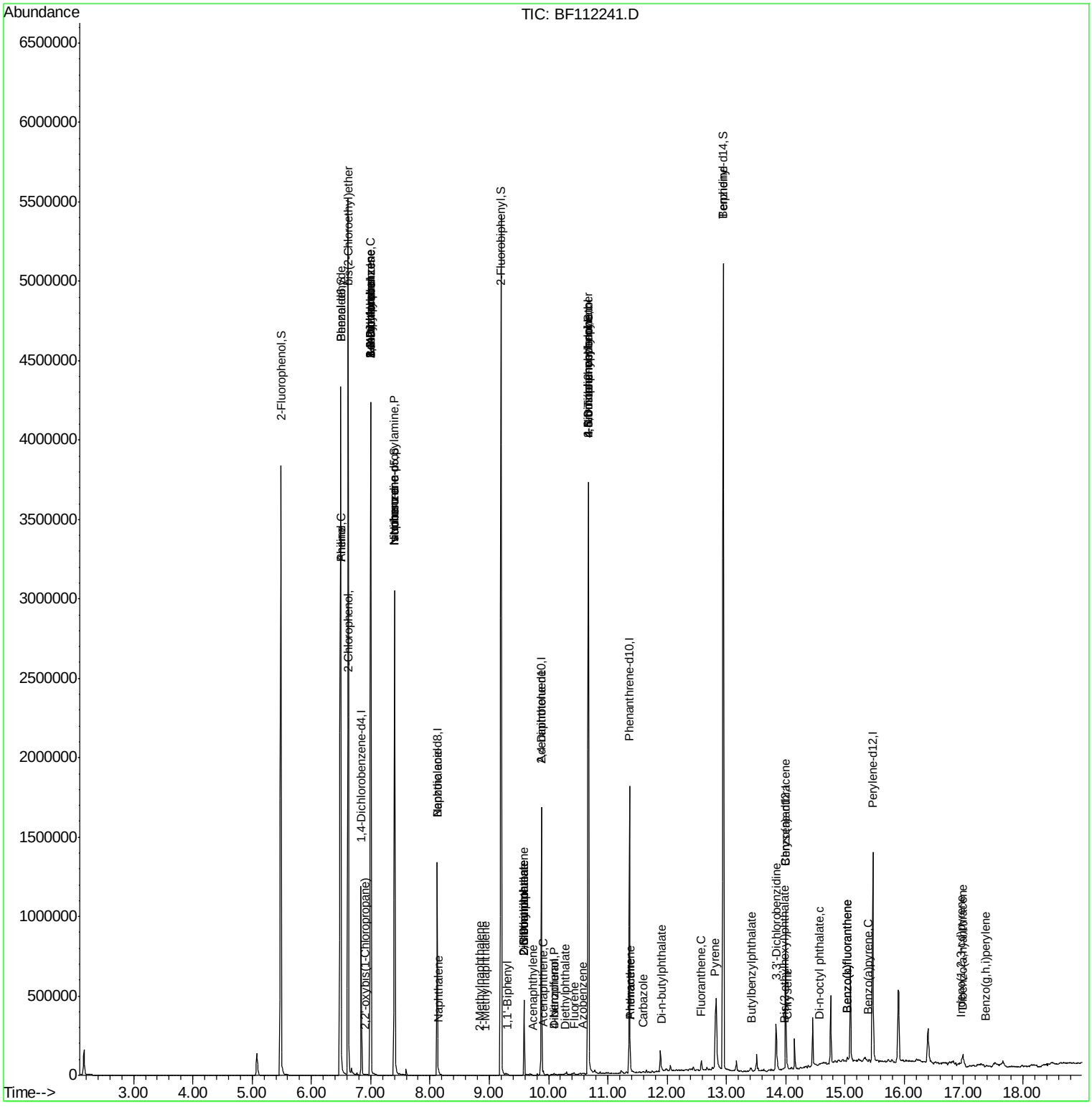
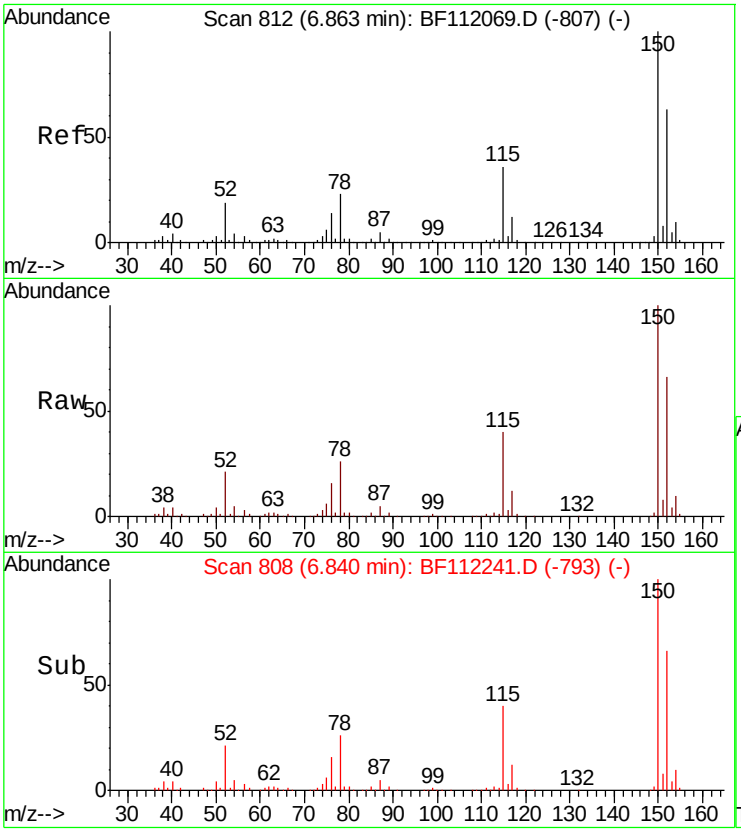
Acq On : 25 Jan 2019 19:32
Operator : JU/SJ
Sample : K1238-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2

Quant Time: Jan 27 23:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 16:47:00 2019
Response via : Initial Calibration



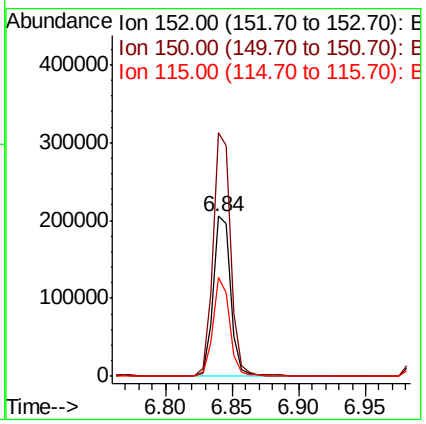


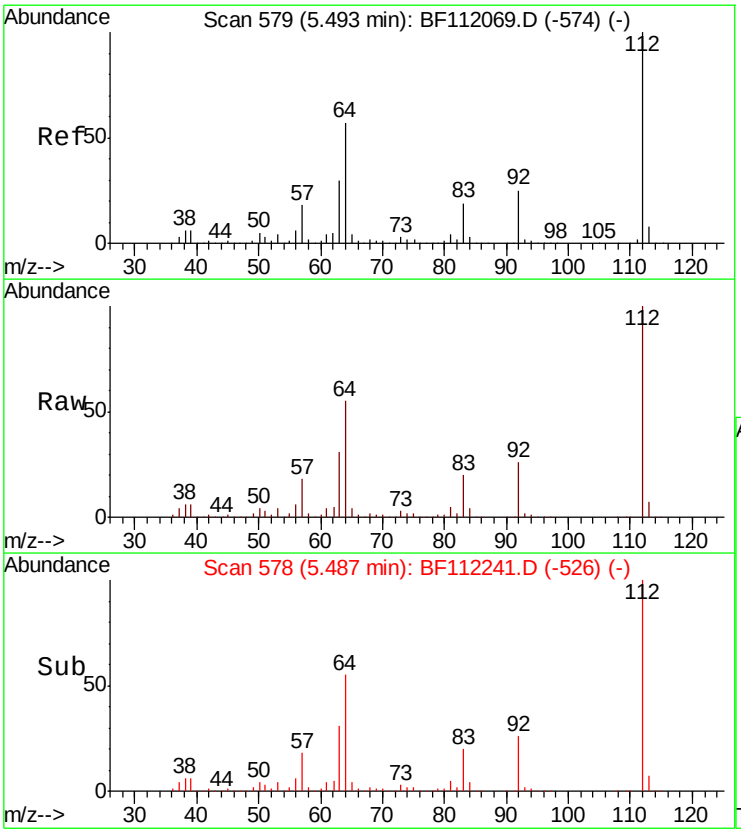
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:152 Resp: 192890

Ion	Ratio	Lower	Upper
152	100		
150	151.8	127.4	191.0
115	61.4	45.5	68.3

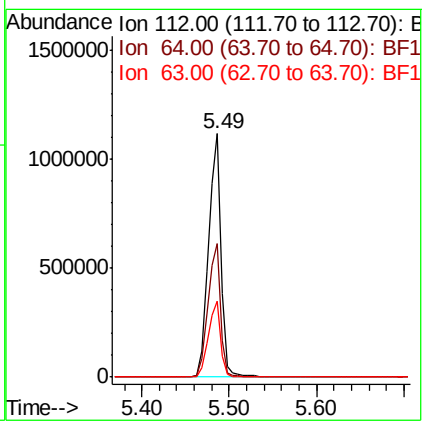


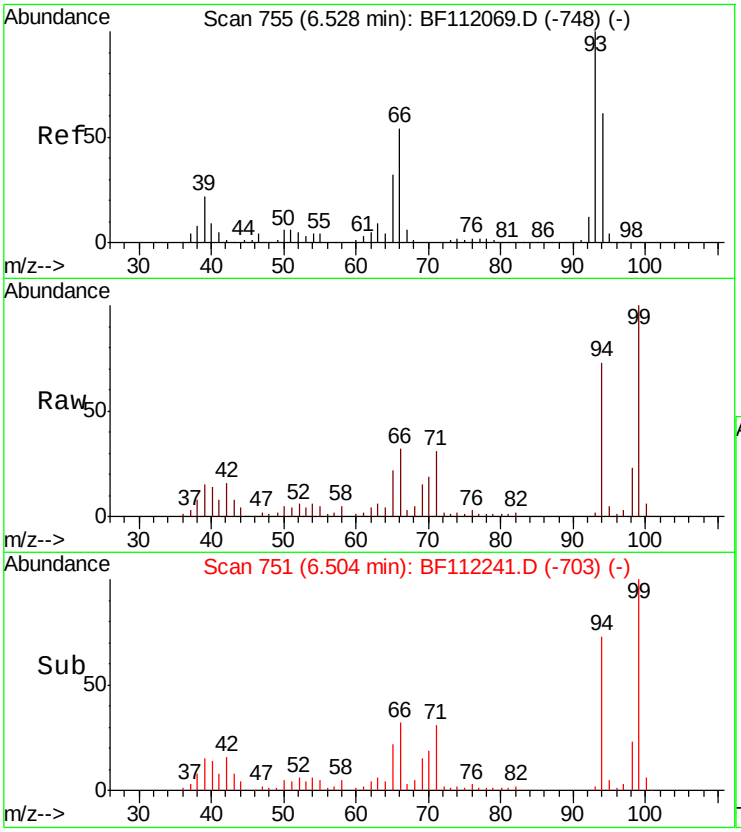


#5
2-Fluorophenol
Concen: 121.699 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:112 Resp: 1105165

Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	31.0	23.6	35.4



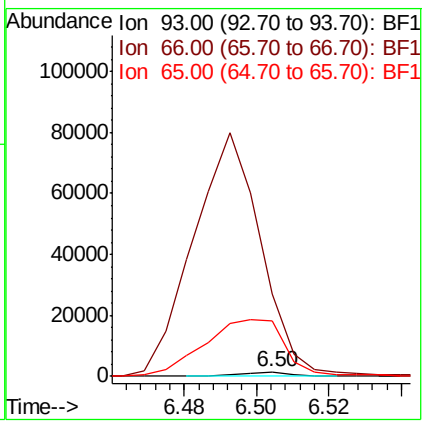


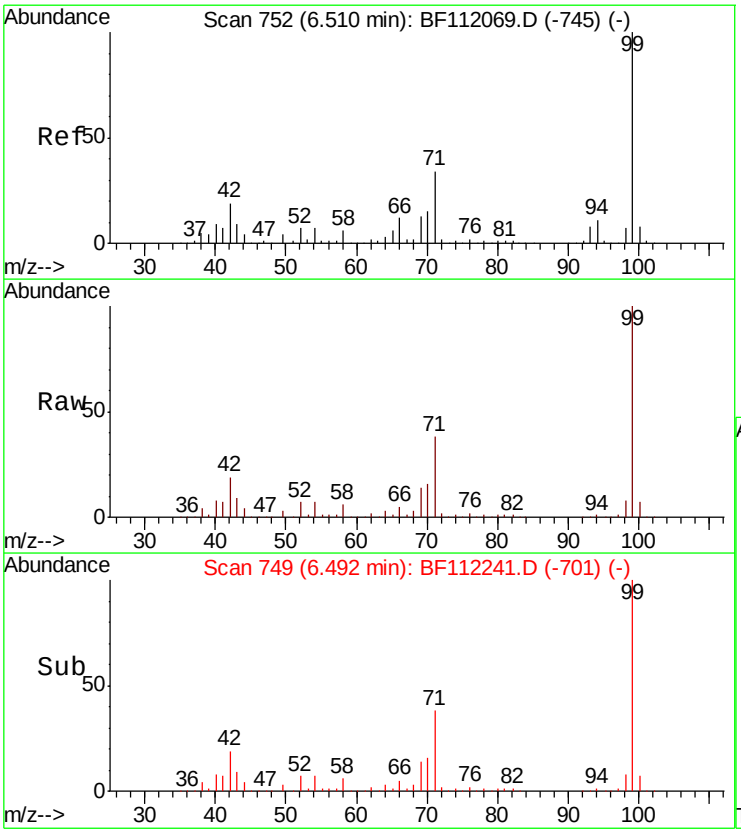
#6
Aniline
Concen: 0.077 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 93 Resp: 1156

Ion	Ratio	Lower	Upper
93	100		
66	1720.4	43.4	65.2#
65	1172.3	25.3	37.9#

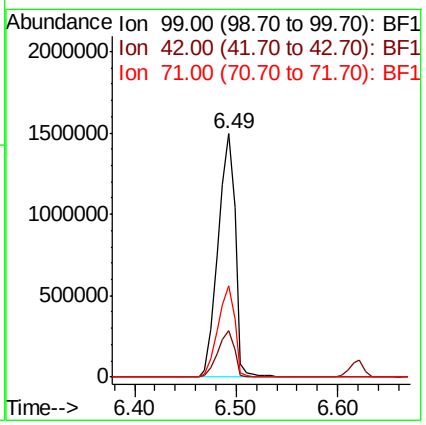


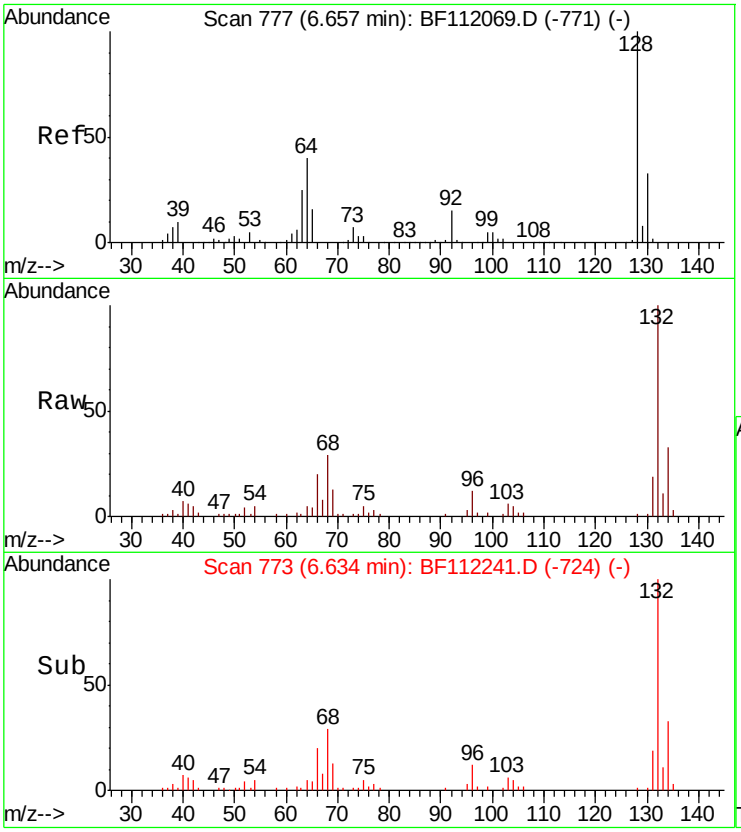


#7
Phenol-d6
Concen: 139.964 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 99 Resp: 1766167

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	37.7	26.9	40.3



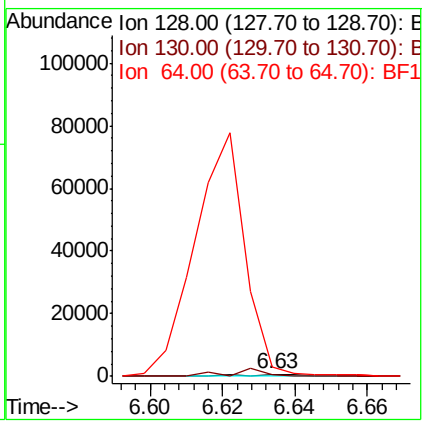


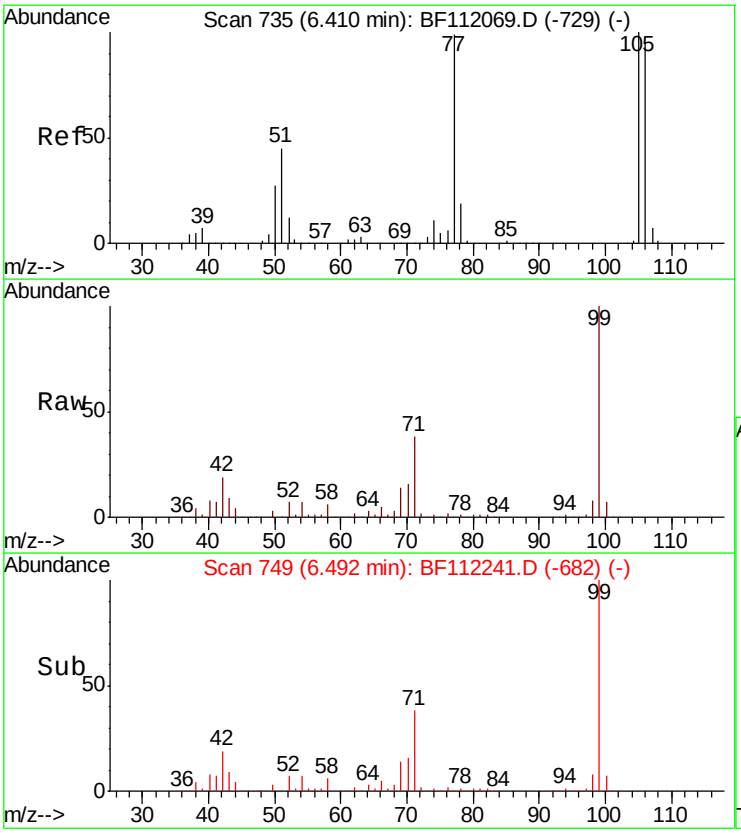
#8
2-Chlorophenol
Concen: 0.040 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:128 Resp: 485

Ion	Ratio	Lower	Upper
128	100		
130	117.0	13.4	53.4#
64	475.6	20.5	60.5#

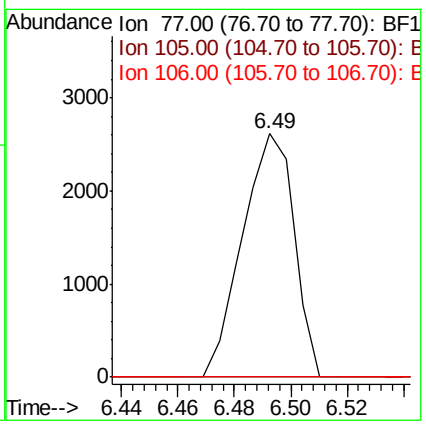


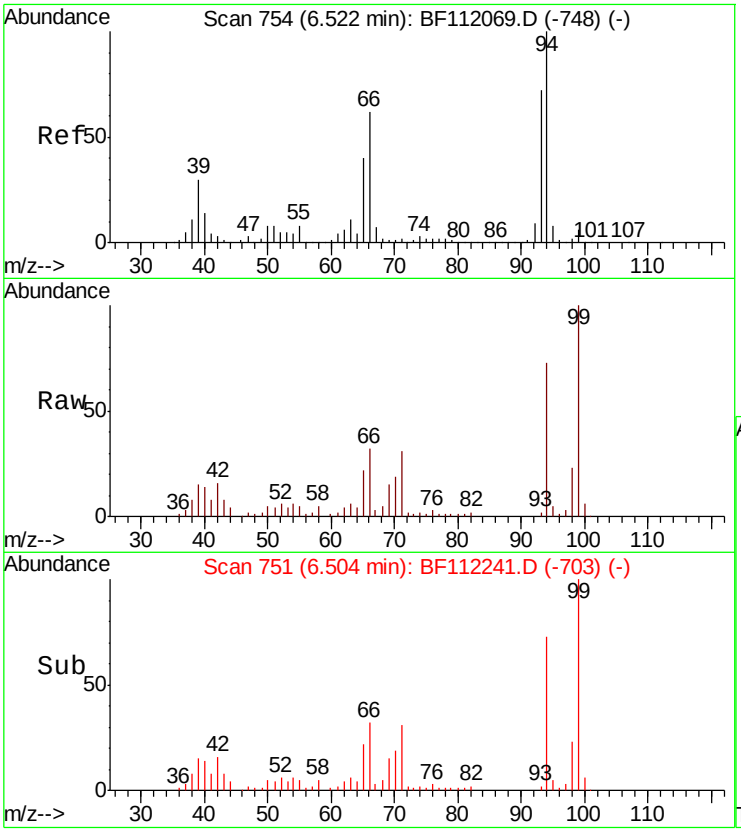


#9
Benzaldehyde
Concen: 0.502 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.09 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 77 Resp: 3310

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.8	120.8#
106	0.0	75.7	115.7#



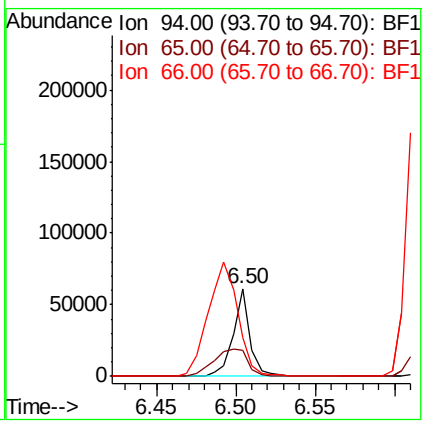


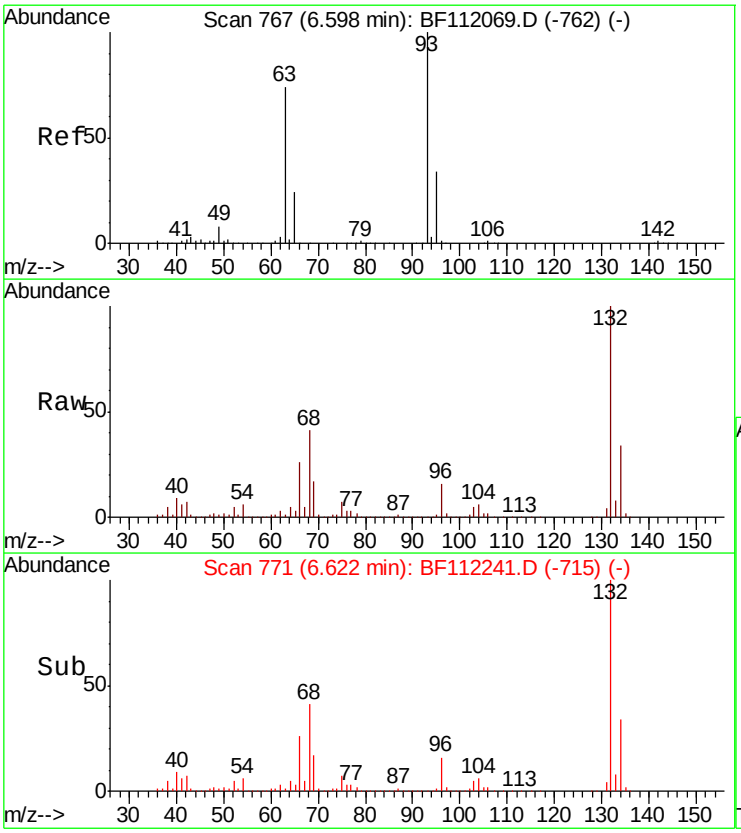
#10
Phenol
Concen: 3.269 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 94 Resp: 45250

Ion	Ratio	Lower	Upper
94	100		
65	29.8	20.3	60.3
66	43.7	42.4	82.4

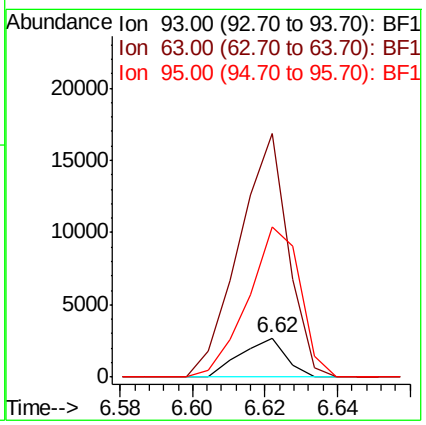


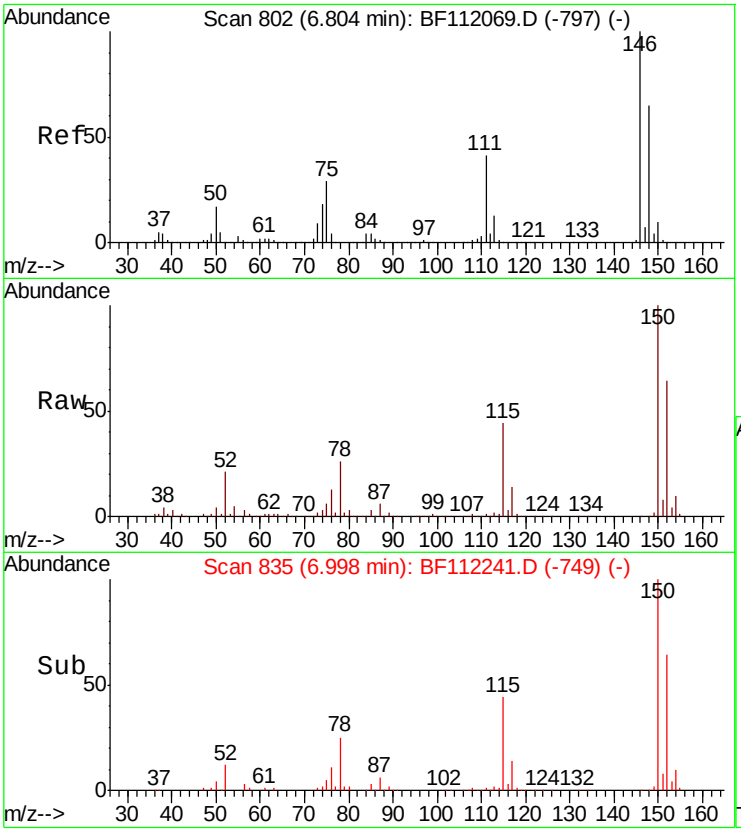


#11
bis(2-Chloroethyl)ether
Concen: 0.218 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 93 Resp: 2372

Ion	Ratio	Lower	Upper
93	100		
63	617.1	53.3	93.3#
95	380.1	13.4	53.4#



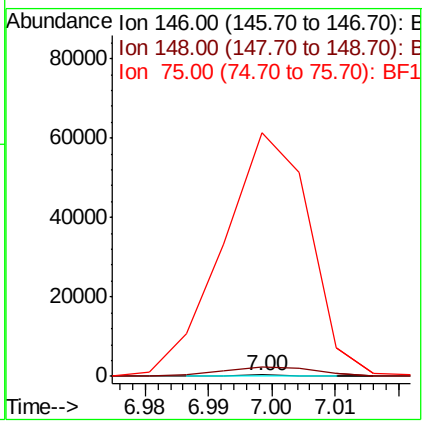


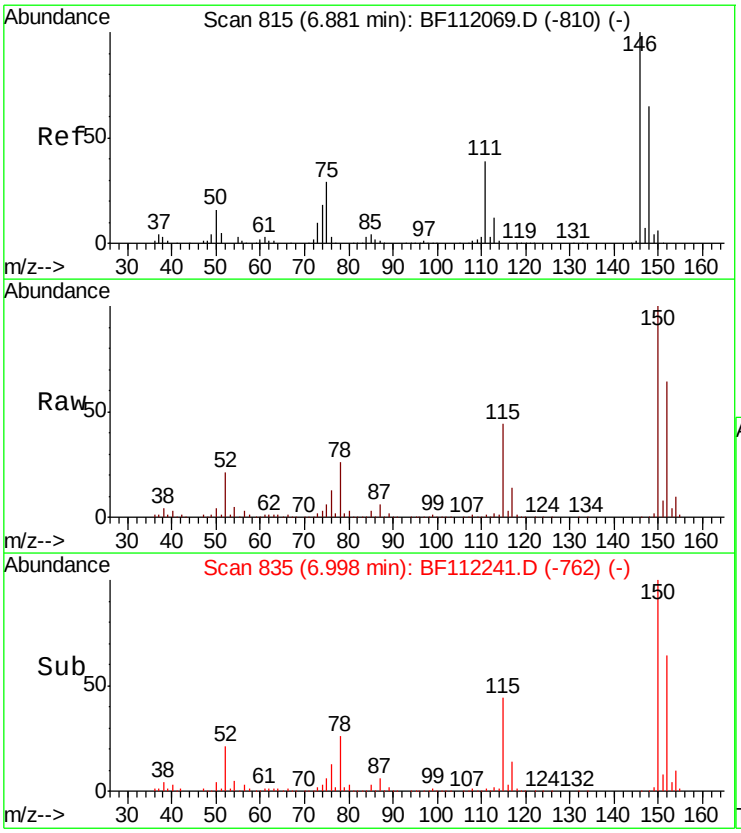
#12
1,3-Dichlorobenzene
Concen: 0.008 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.21 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:146 Resp: 111

Ion	Ratio	Lower	Upper
146	100		
148	713.3	51.8	77.8#
75	19464.1	23.1	34.7#

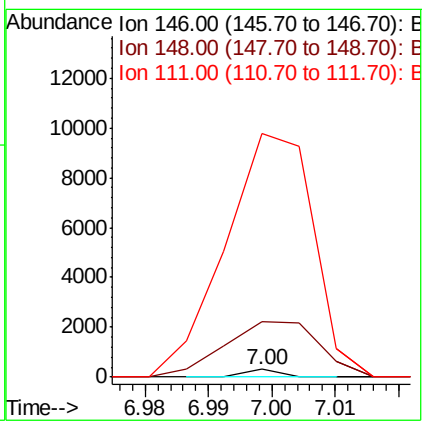


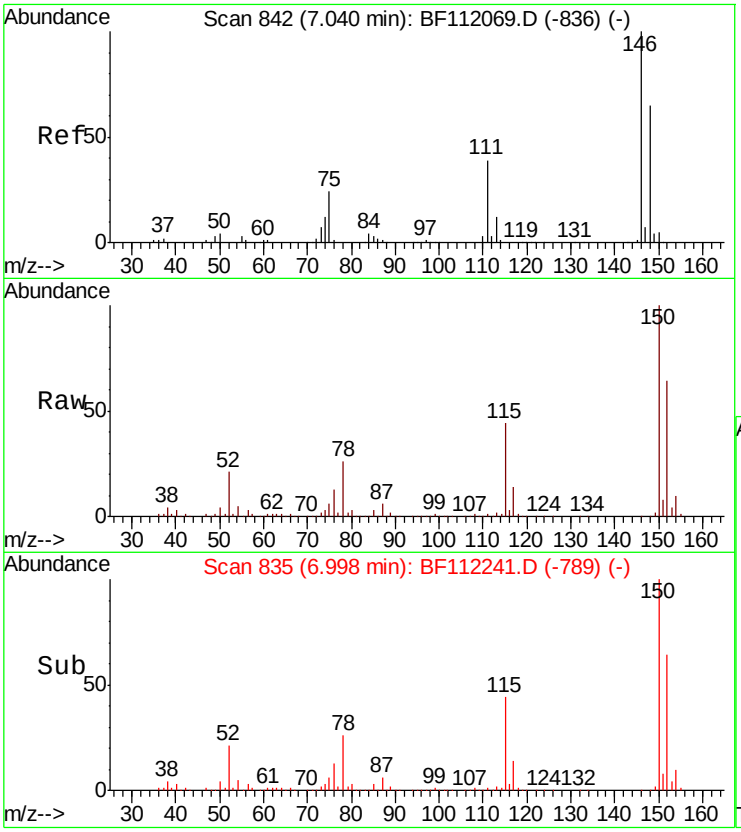


#13
1,4-Dichlorobenzene
Concen: 0.008 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.13 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:146 Resp: 111

Ion	Ratio	Lower	Upper
146	100		
148	713.3	52.0	78.0#
111	3102.9	31.2	46.8#



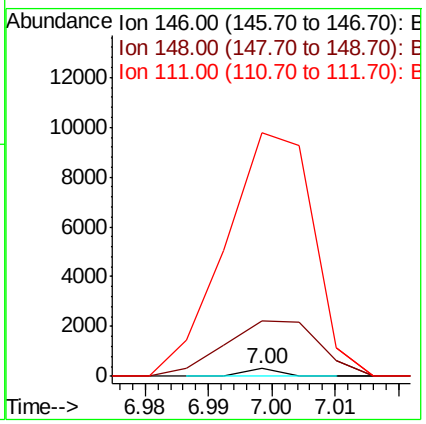


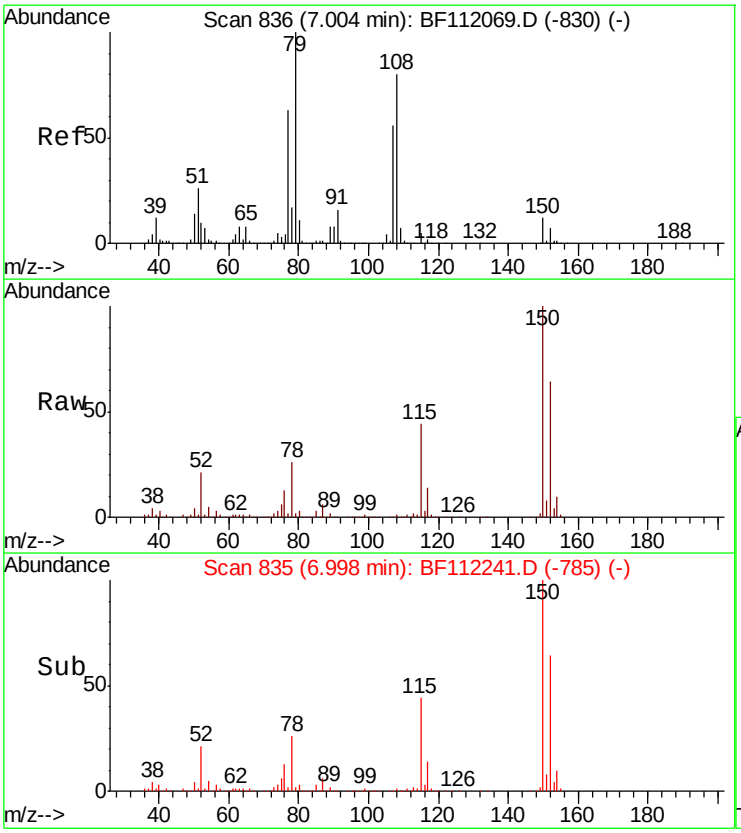
#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:146 Resp: 111

Ion	Ratio	Lower	Upper
146	100		
148	713.3	52.2	78.4#
111	3102.9	31.2	46.8#

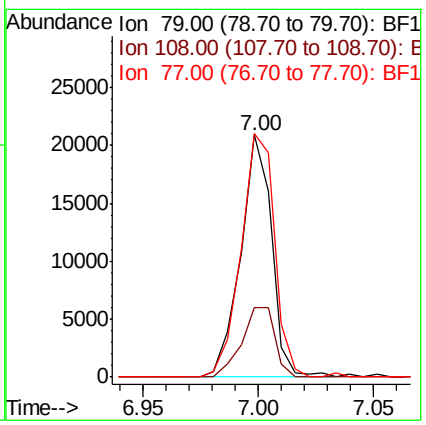


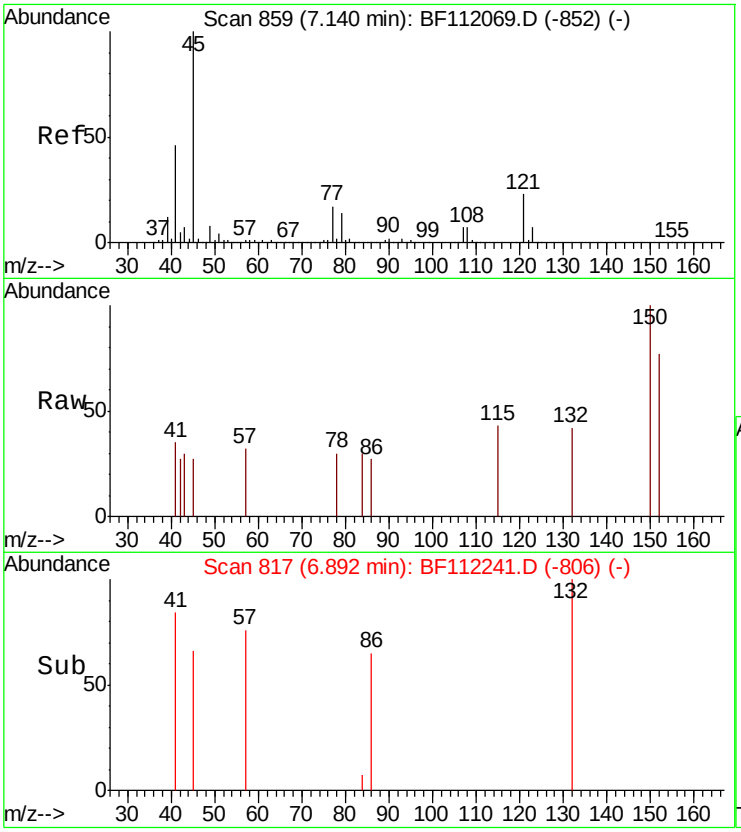


#15
Benzyl Alcohol
Concen: 1.847 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 79 Resp: 19651

Ion	Ratio	Lower	Upper
79	100		
108	28.8	64.2	96.2#
77	100.5	50.3	75.5#



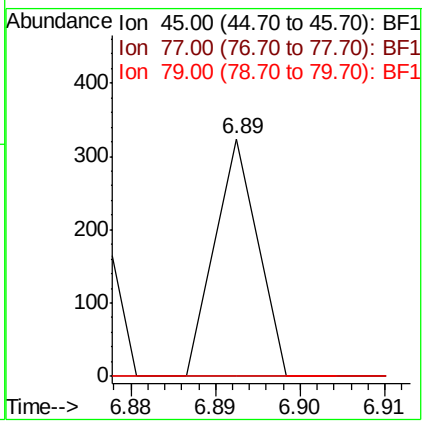


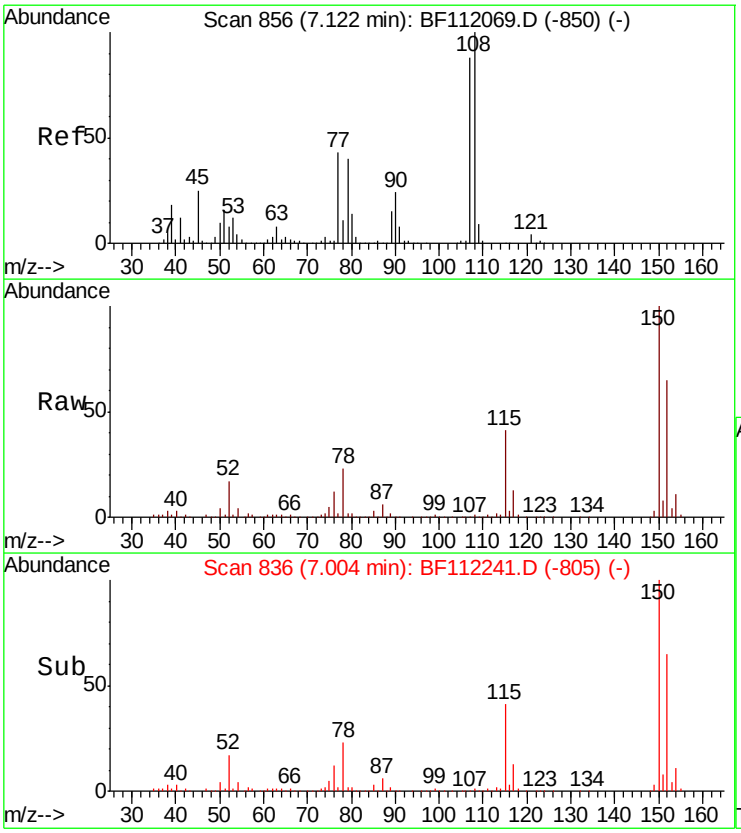
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.24 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 45 Resp: 114

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	36.9
79	0.0	0.0	34.0

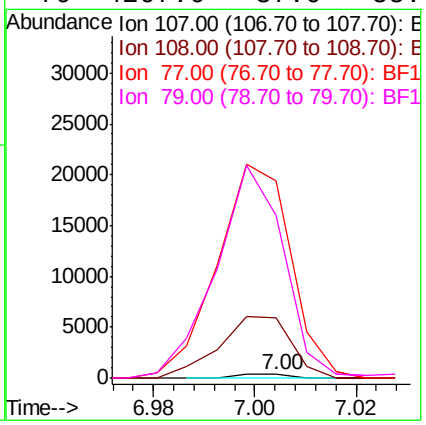


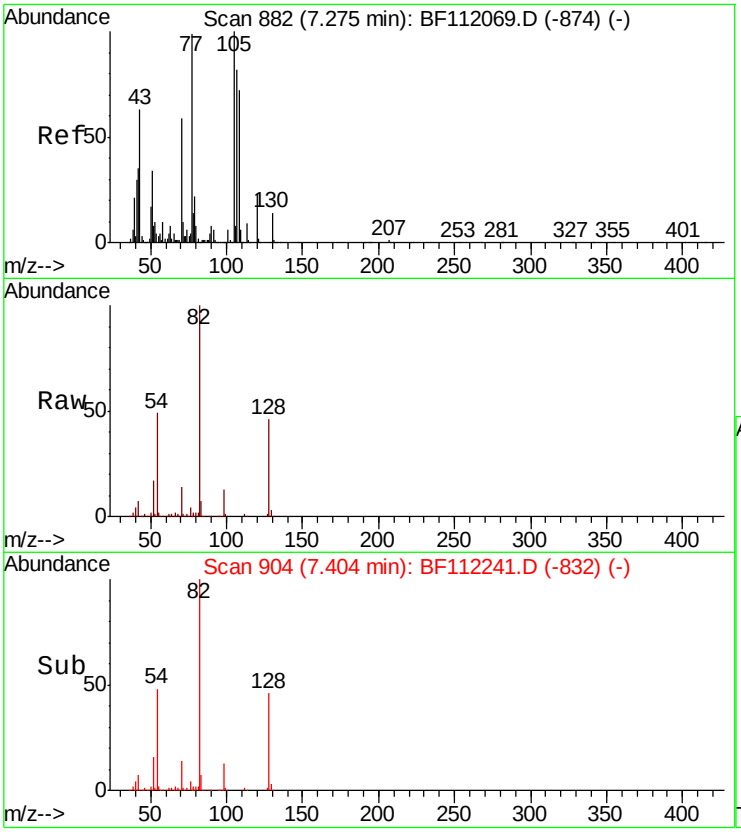


#17
2-Methylphenol
Concen: 0.026 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.12 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:107 Resp: 251

Ion	Ratio	Lower	Upper
107	100		
108	1583.2	91.3	136.9#
77	5166.0	39.0	58.6#
79	4267.6	37.0	55.4#



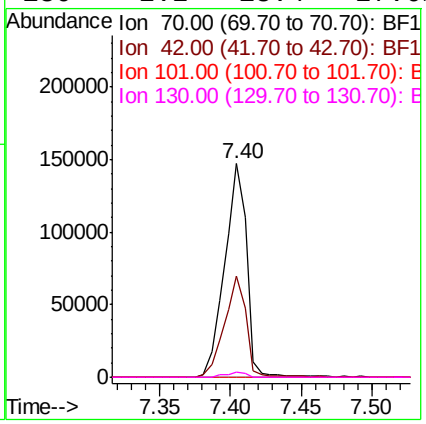


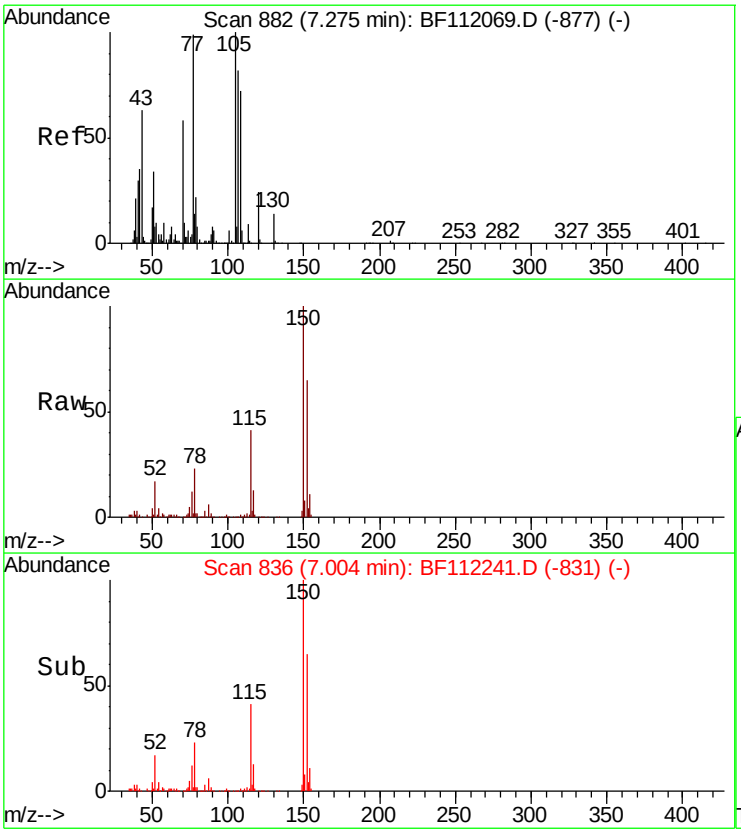
#19
n-Nitroso-di-n-propylamine
Concen: 18.296 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 70 Resp: 159198

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

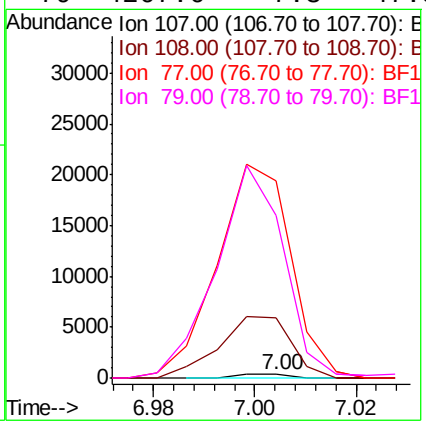


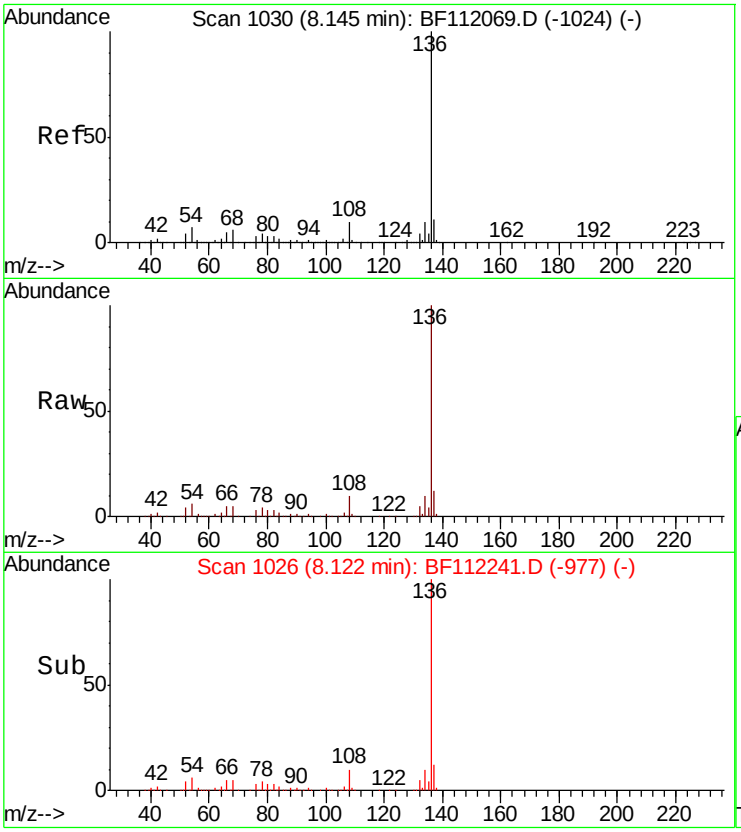


#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.27 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:107 Resp: 251

Ion	Ratio	Lower	Upper
107	100		
108	1583.2	68.2	108.2#
77	5166.0	100.7	140.7#
79	4267.6	7.3	47.3#



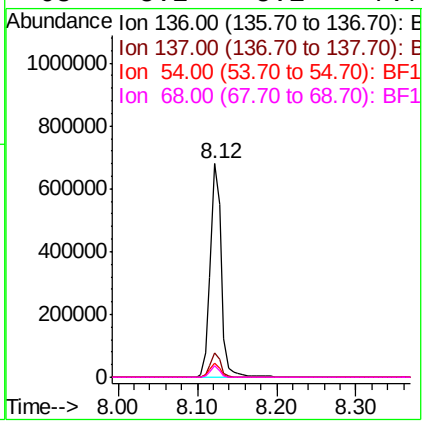


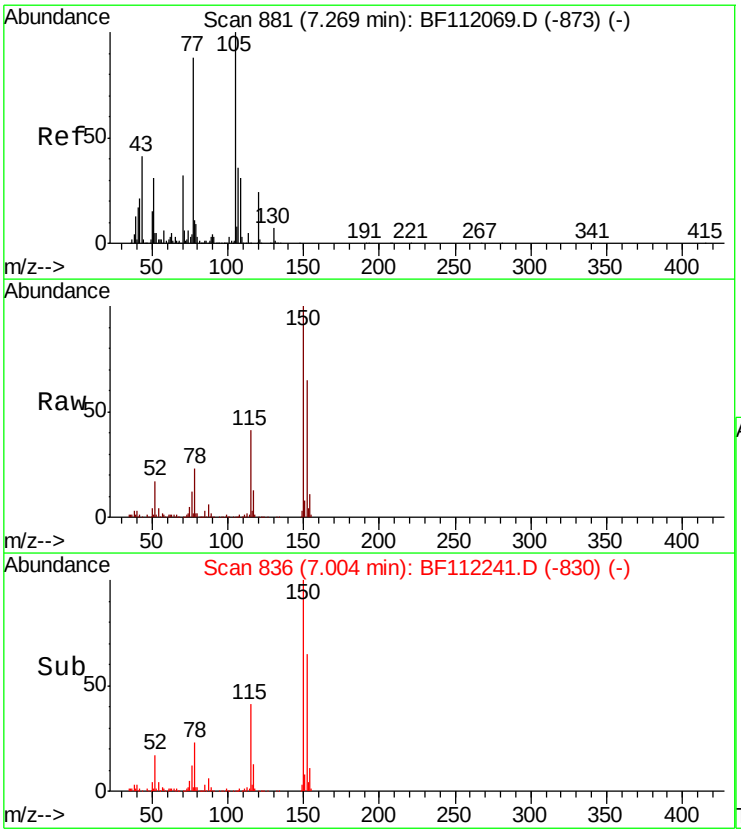
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:136 Resp: 655126

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.4	5.9	8.9
68	5.2	5.1	7.7

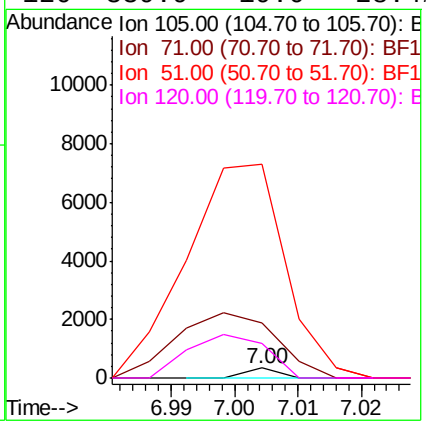


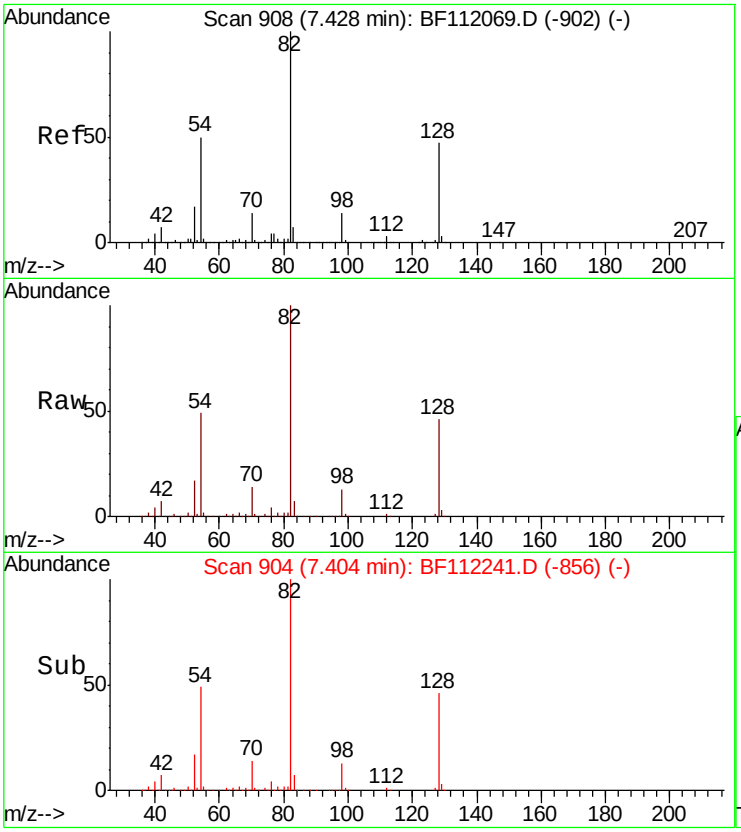


#22
Acetophenone
Concen: 0.008 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.26 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:105 Resp: 121

Ion	Ratio	Lower	Upper
105	100		
71	550.4	4.6	6.8#
51	2126.5	25.0	37.6#
120	339.9	19.0	28.4#



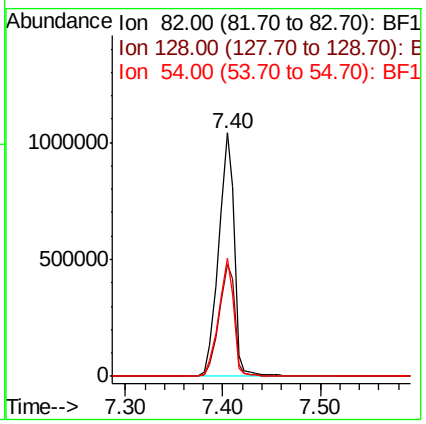


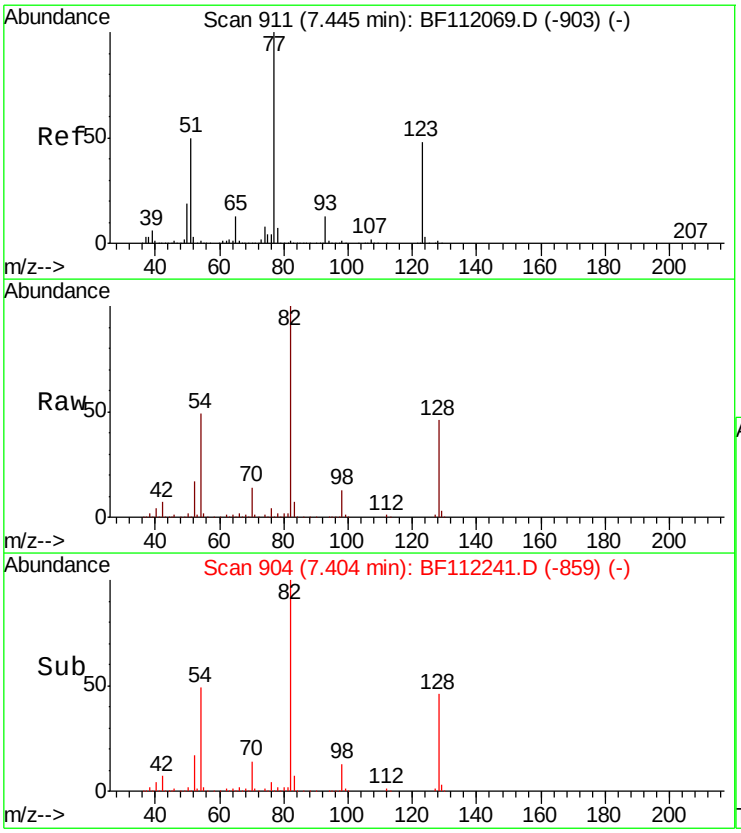
#23
Nitrobenzene-d5
Concen: 101.789 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 82 Resp: 1157322

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	48.6	39.7	59.5

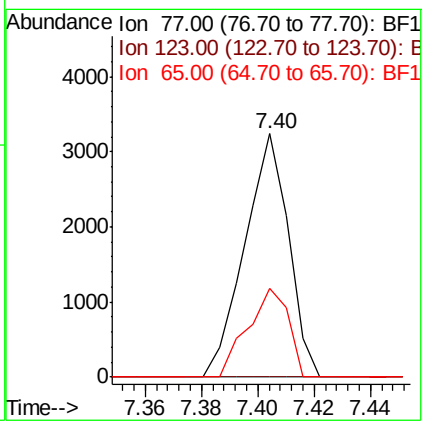


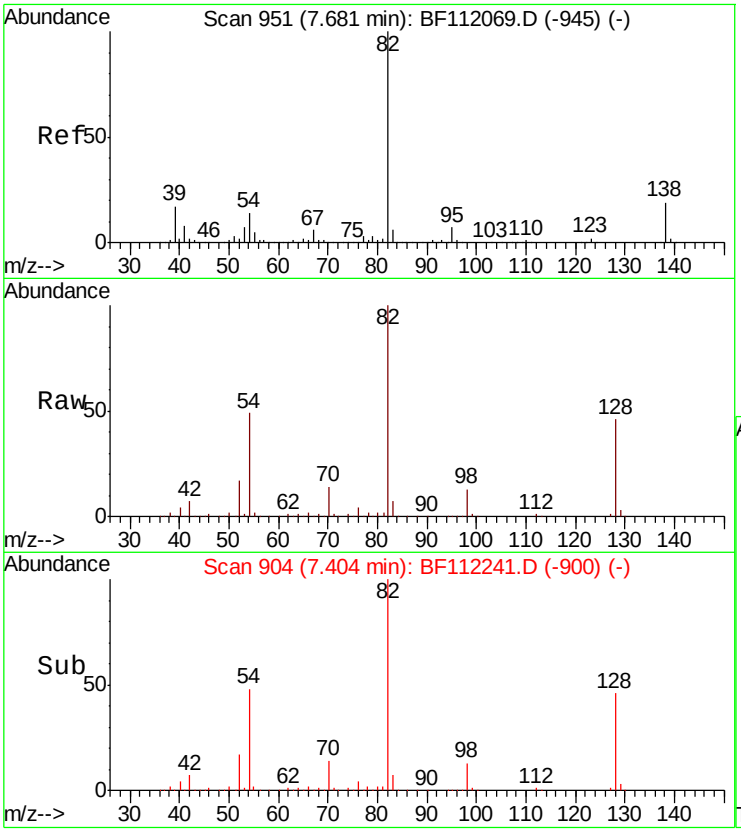


#24
Nitrobenzene
Concen: 0.306 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 77 Resp: 3480

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	36.3	10.6	15.8#



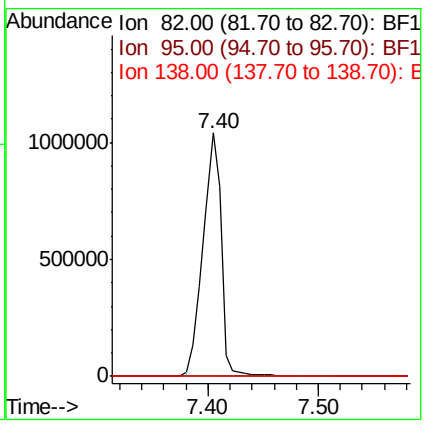


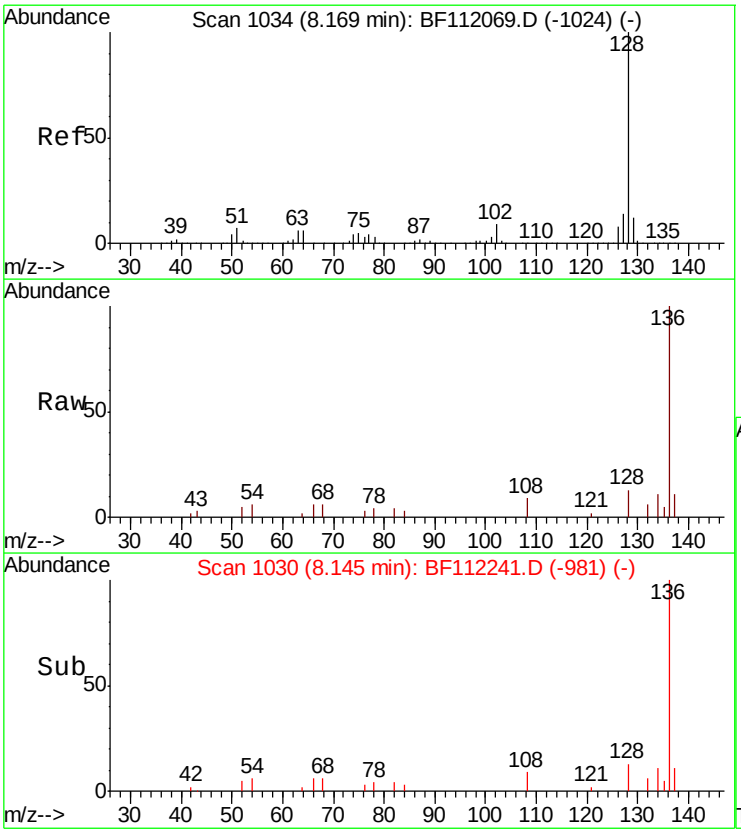
#25
Isophorone
Concen: 63.900 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 82 Resp: 1139779

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

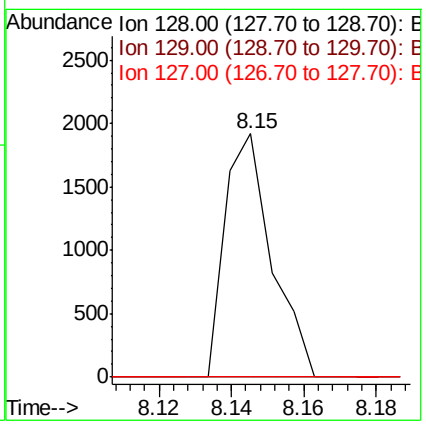


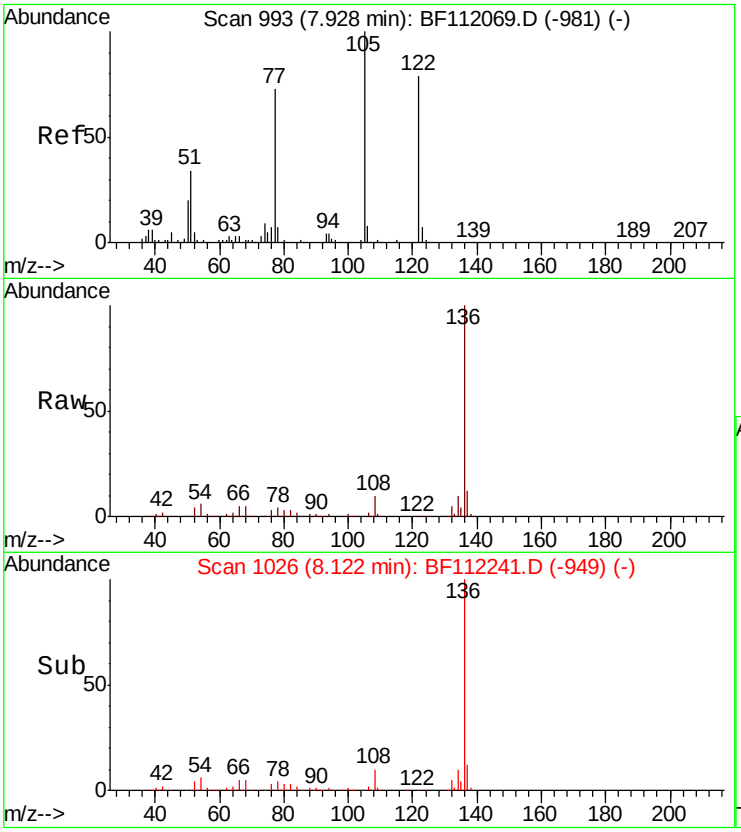


#31
Naphthalene
Concen: 0.056 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:128 Resp: 1726

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.6	14.4#
127	0.0	11.1	16.7#



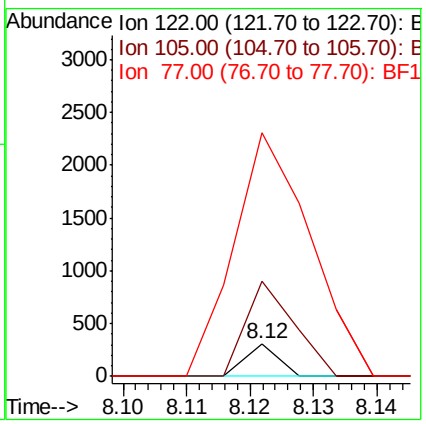


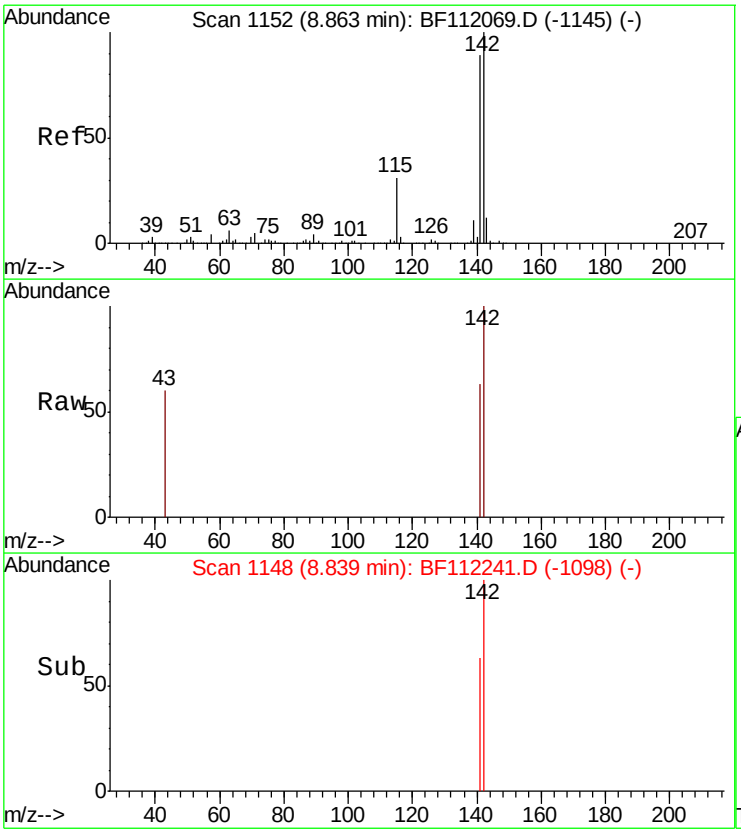
#32
Benzoic acid
Concen: 0.023 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.15 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	290.0	101.2	141.2#
77	746.6	70.4	110.4#

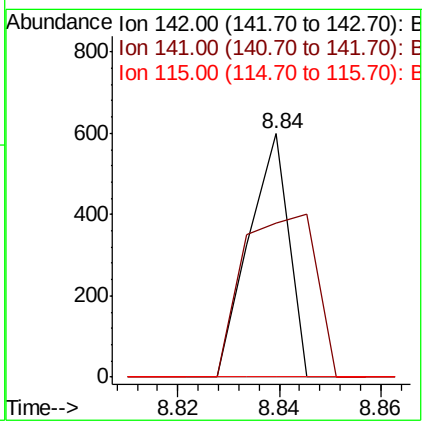


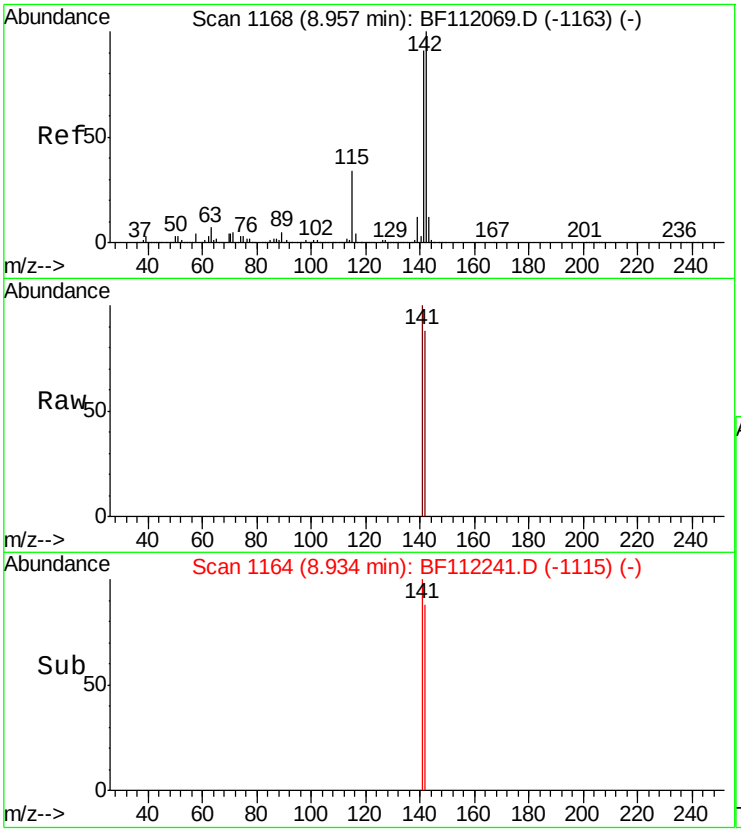


#37
2-Methylnaphthalene
Concen: 0.016 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:142 Resp: 326

Ion	Ratio	Lower	Upper
142	100		
141	63.1	70.9	106.3#
115	0.0	24.9	37.3#



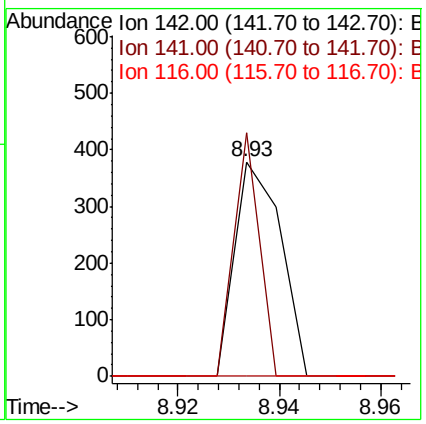


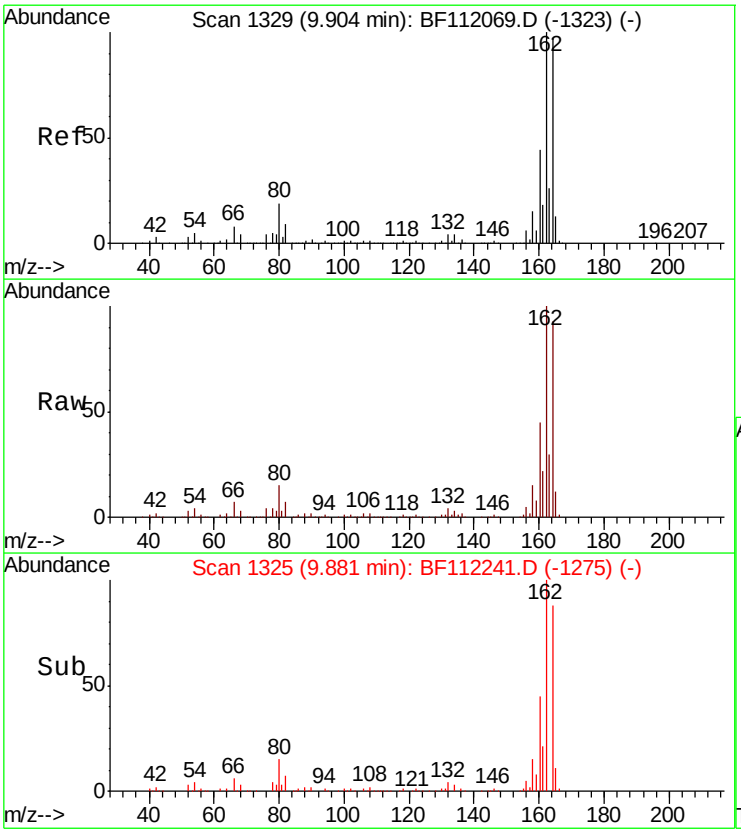
#38
1-Methylnaphthalene
Concen: 0.012 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:142 Resp: 240

Ion	Ratio	Lower	Upper
142	100		
141	113.5	72.6	108.8#
116	0.0	2.8	4.2#

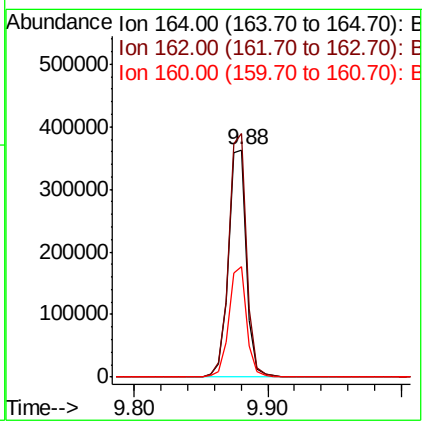


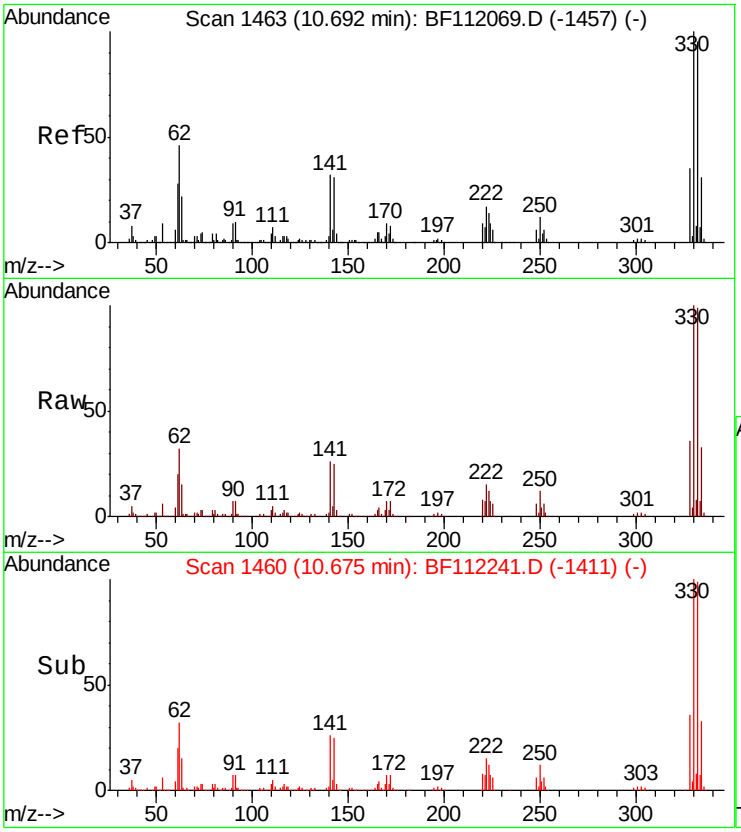


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:164 Resp: 346368

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.2	123.4
160	48.7	36.2	54.4



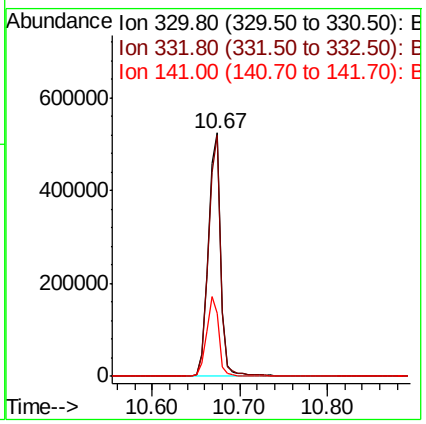


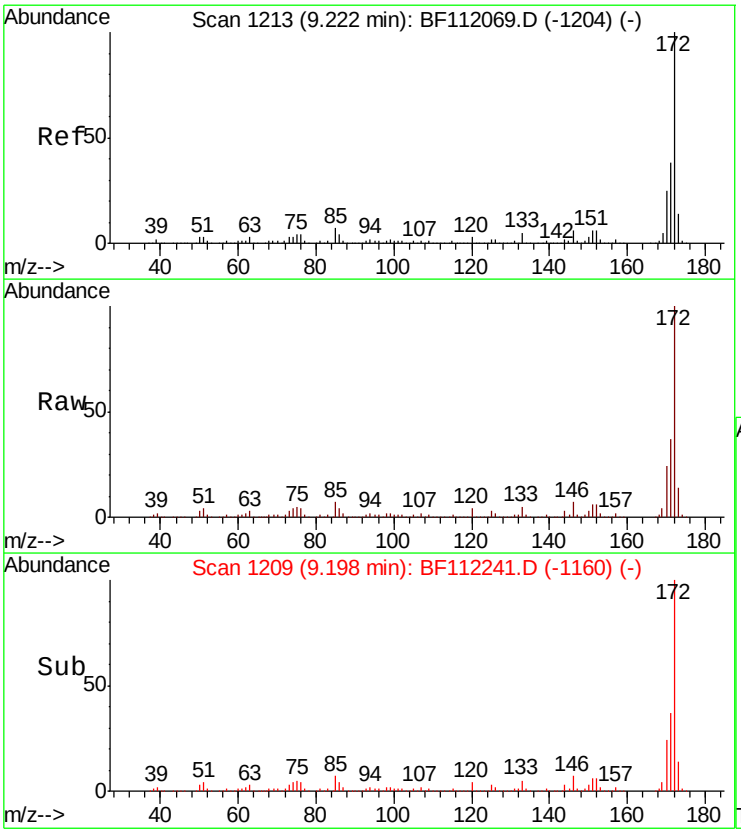
#42
2,4,6-Tribromophenol
Concen: 128.252 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:330 Resp: 517063

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	32.5	24.3	36.5

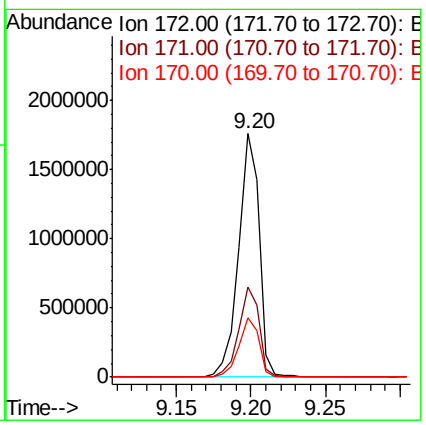


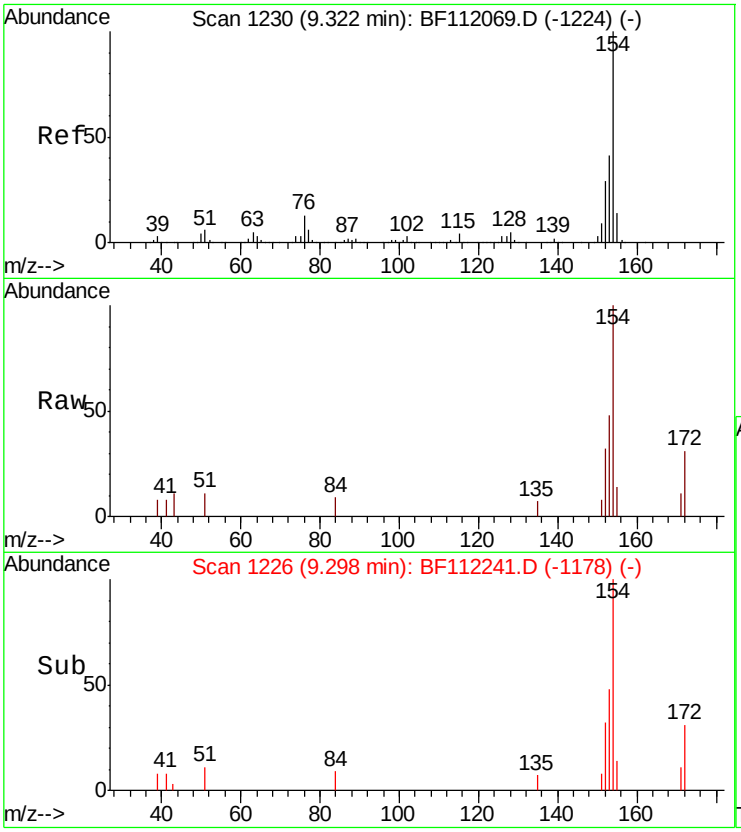


#45
2-Fluorobiphenyl
Concen: 69.361 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:172 Resp: 1698644

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4



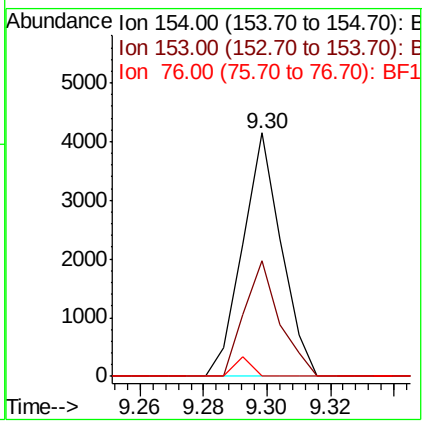


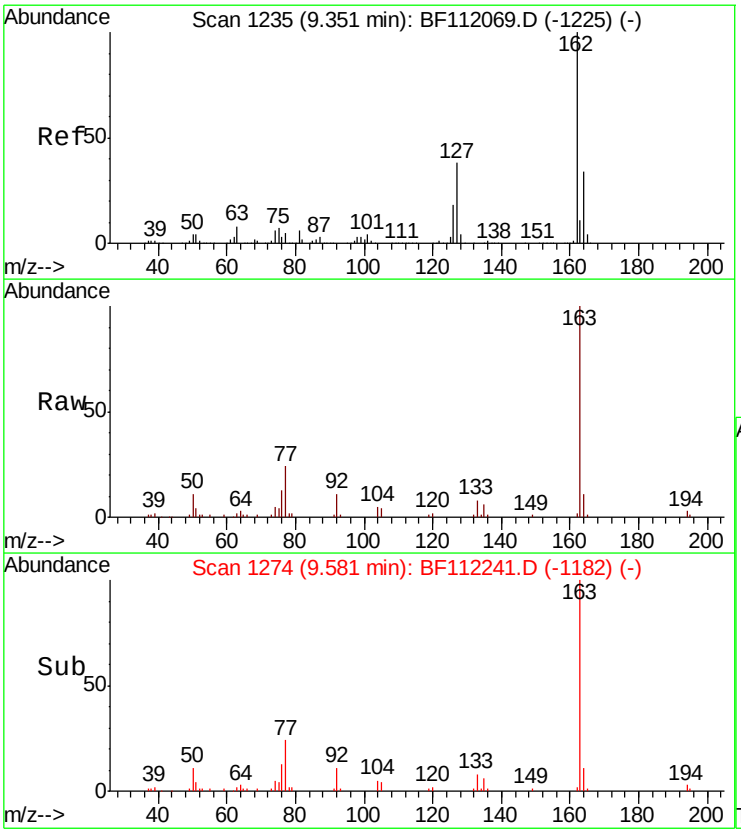
#46
1,1'-Biphenyl
Concen: 0.116 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:154 Resp: 3517

Ion	Ratio	Lower	Upper
154	100		
153	47.6	21.5	61.5
76	0.0	0.0	33.1

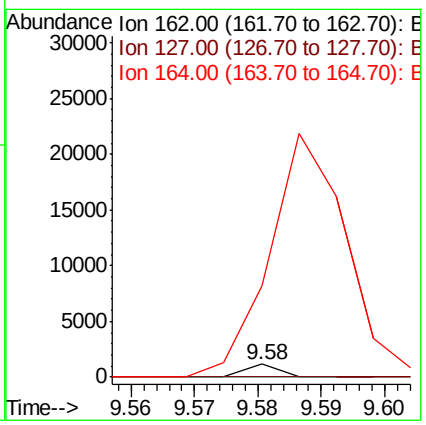


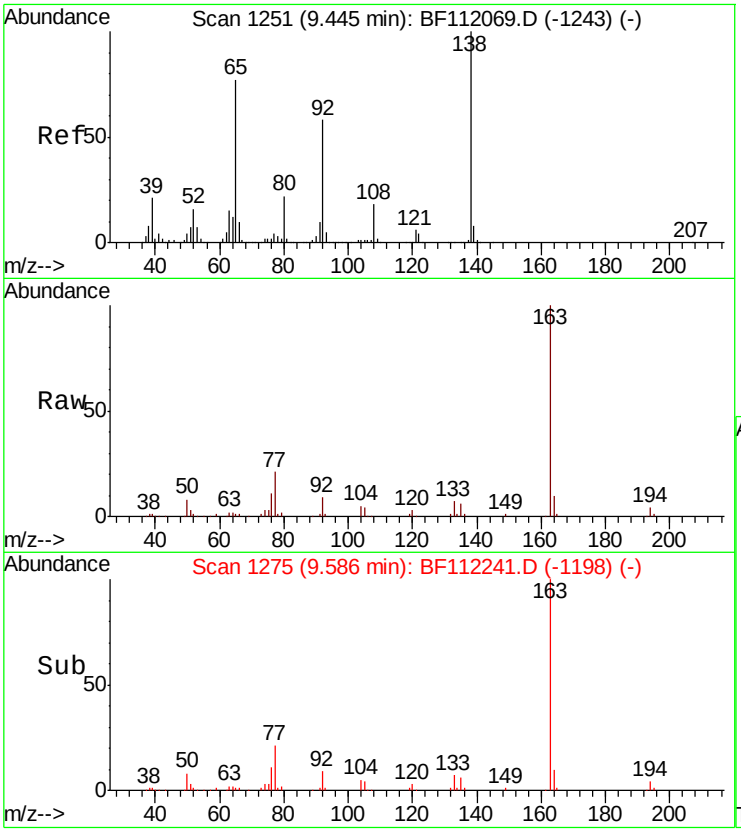


#47
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.24 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:162 Resp: 407

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.4	45.6#
164	712.2	27.4	41.2#



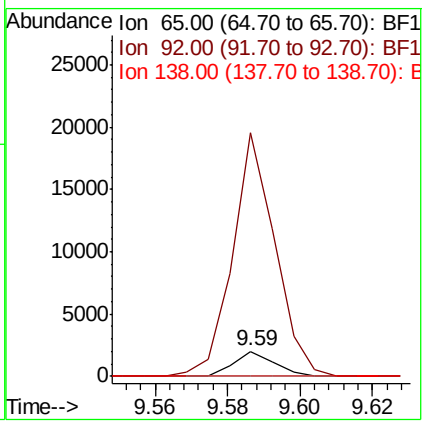


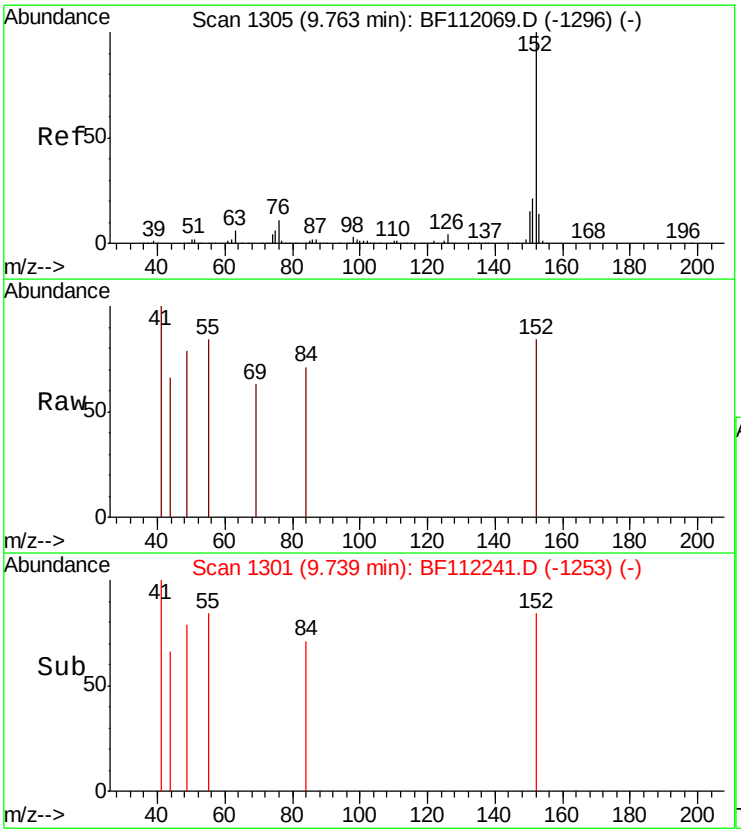
#48
2-Nitroaniline
Concen: 0.247 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.15 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 65 Resp: 1582

Ion	Ratio	Lower	Upper
65	100		
92	983.6	60.4	90.6#
138	0.0	104.4	156.6#

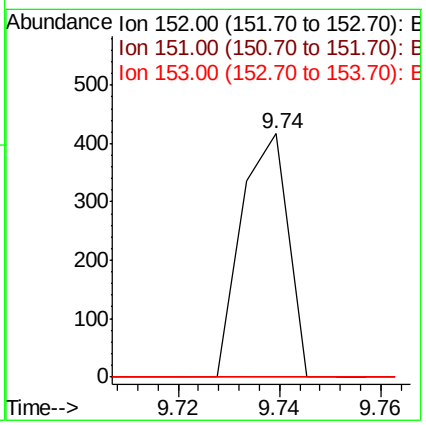


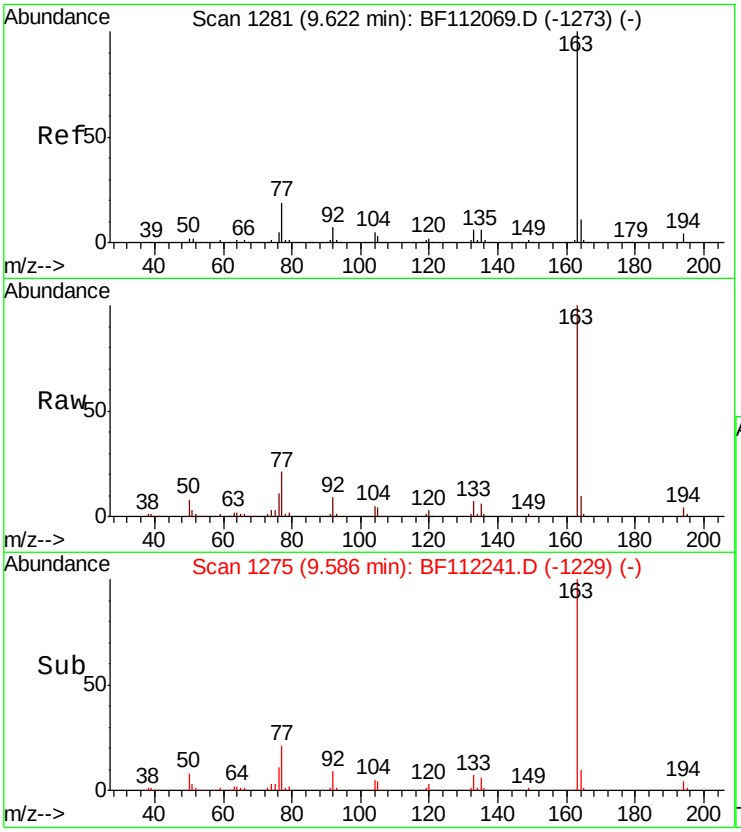


#49
Acenaphthylene
Concen: 0.008 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:152 Resp: 266

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	11.2	16.8#



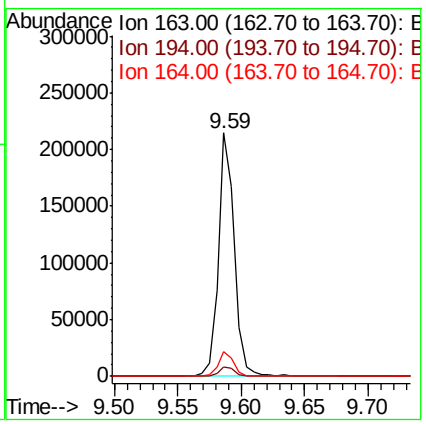


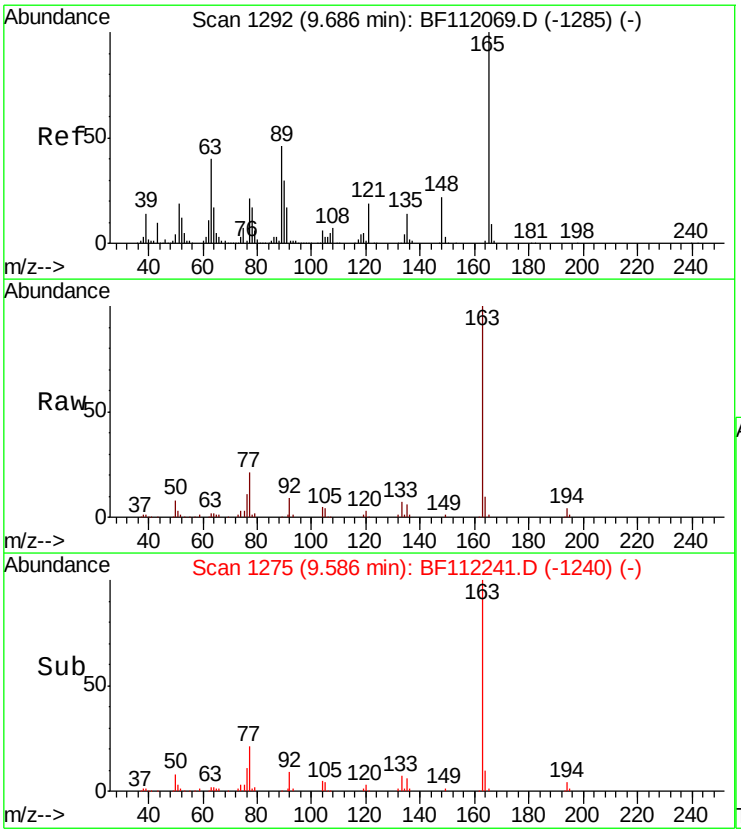
#50
Dimethylphthalate
Concen: 7.009 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:163 Resp: 188618

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.5	12.7

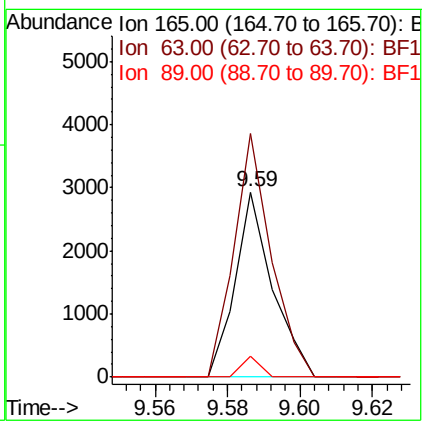


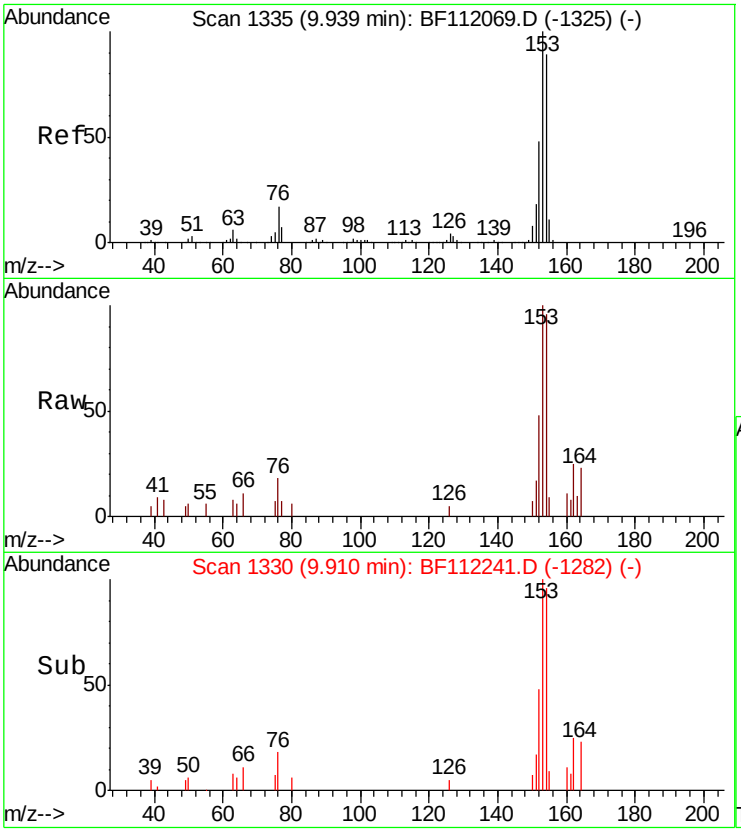


#51
2,6-Dinitrotoluene
Concen: 0.349 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.09 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:165 Resp: 2104

Ion	Ratio	Lower	Upper
165	100		
63	131.5	33.8	50.8#
89	11.1	36.9	55.3#



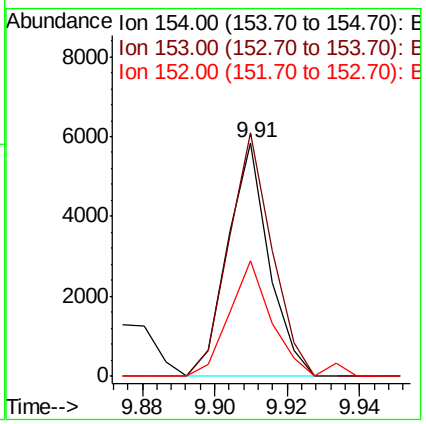


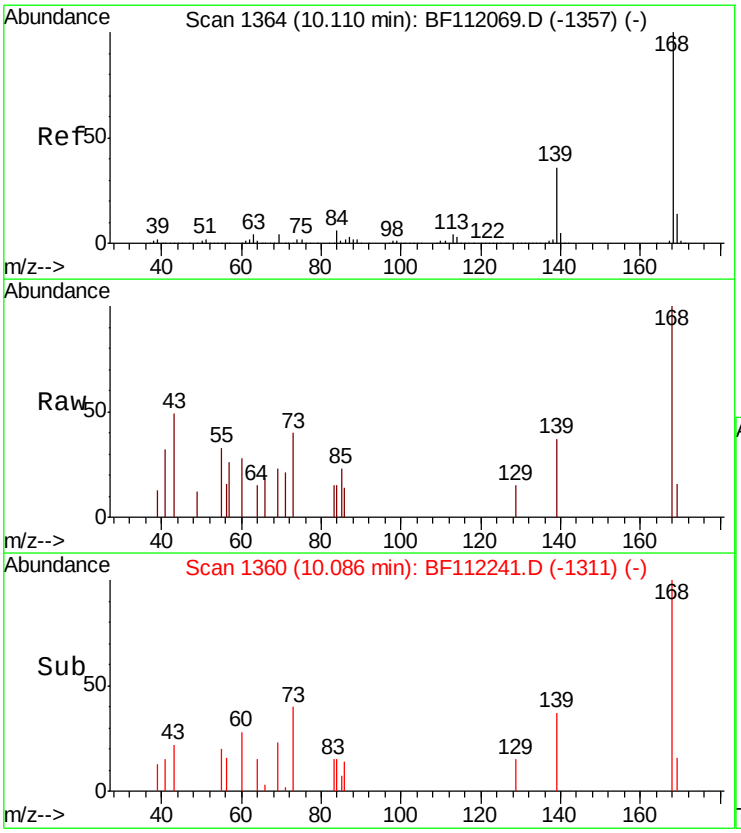
#52
Acenaphthene
Concen: 0.226 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:154 Resp: 4637

Ion	Ratio	Lower	Upper
154	100		
153	104.1	89.8	134.6
152	49.6	43.5	65.3

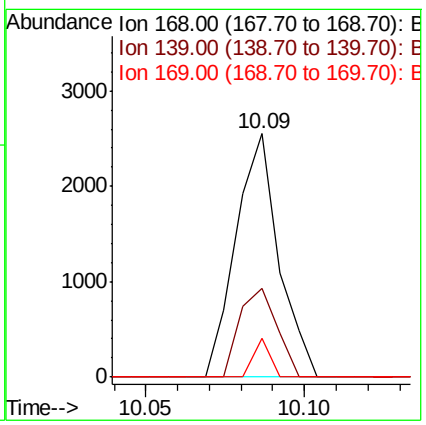


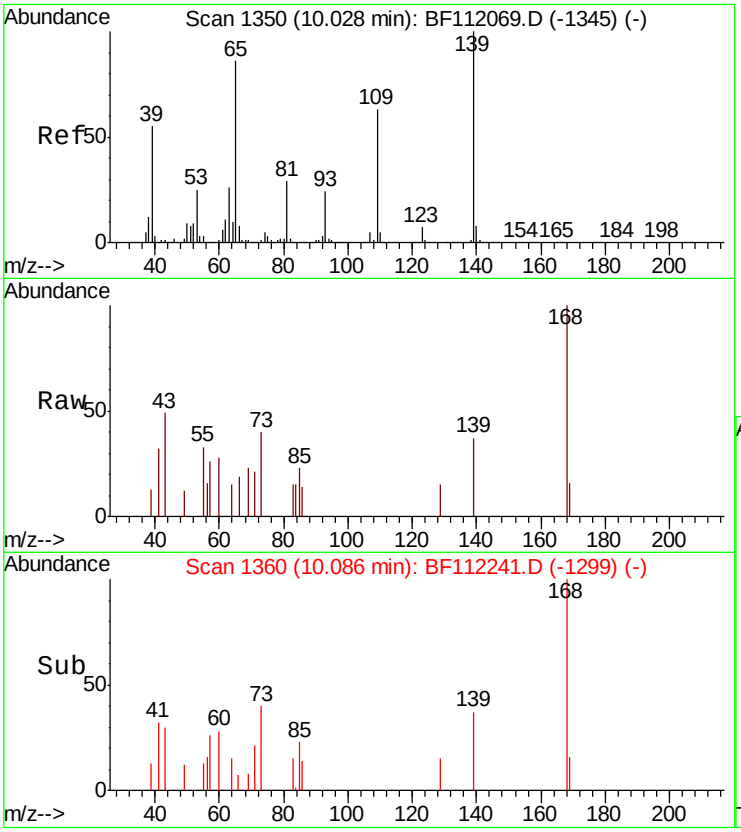


#55
Dibenzofuran
Concen: 0.076 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:168 Resp: 2379

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.2	43.8
169	16.0	11.4	17.0



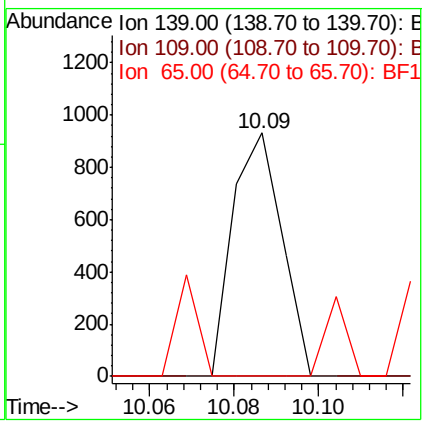


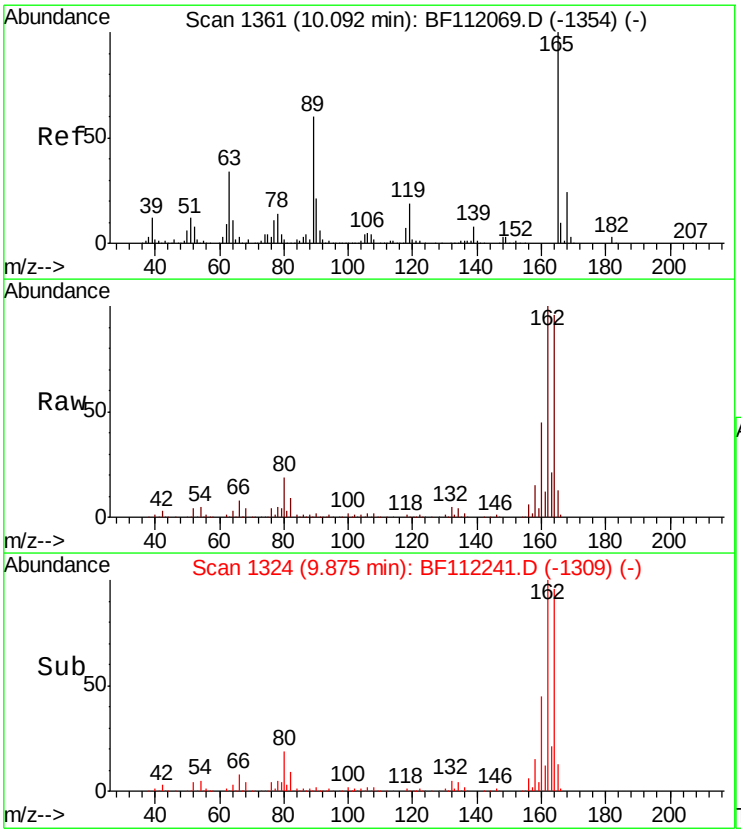
#56
4-Nitrophenol
Concen: 0.218 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.06 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:139 Resp: 753

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

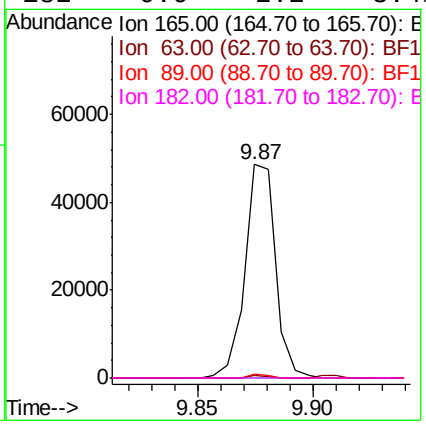


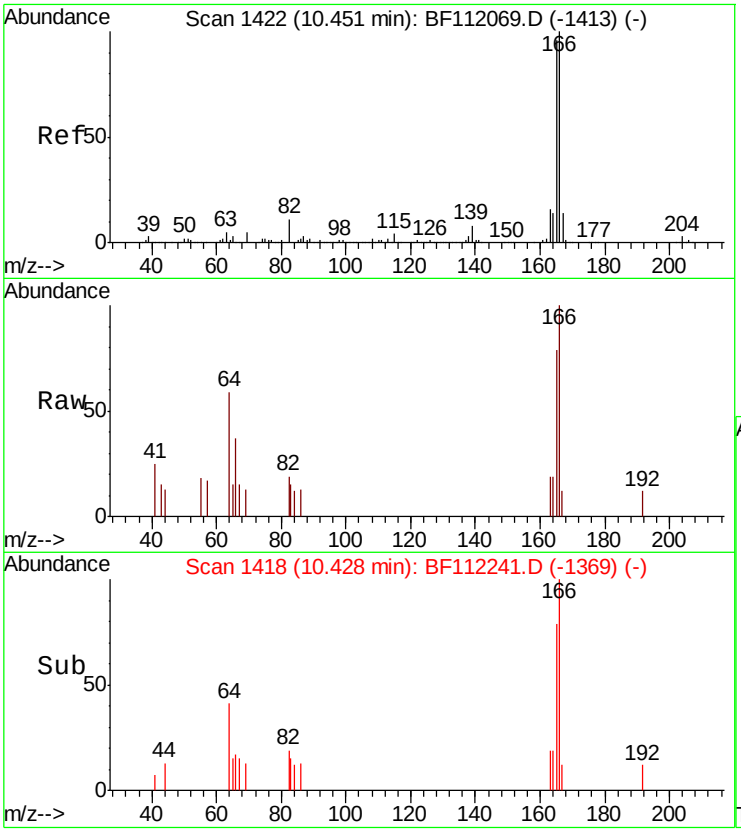


#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:165 Resp: 45307

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



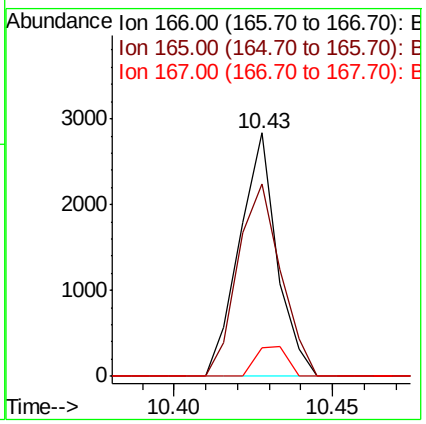


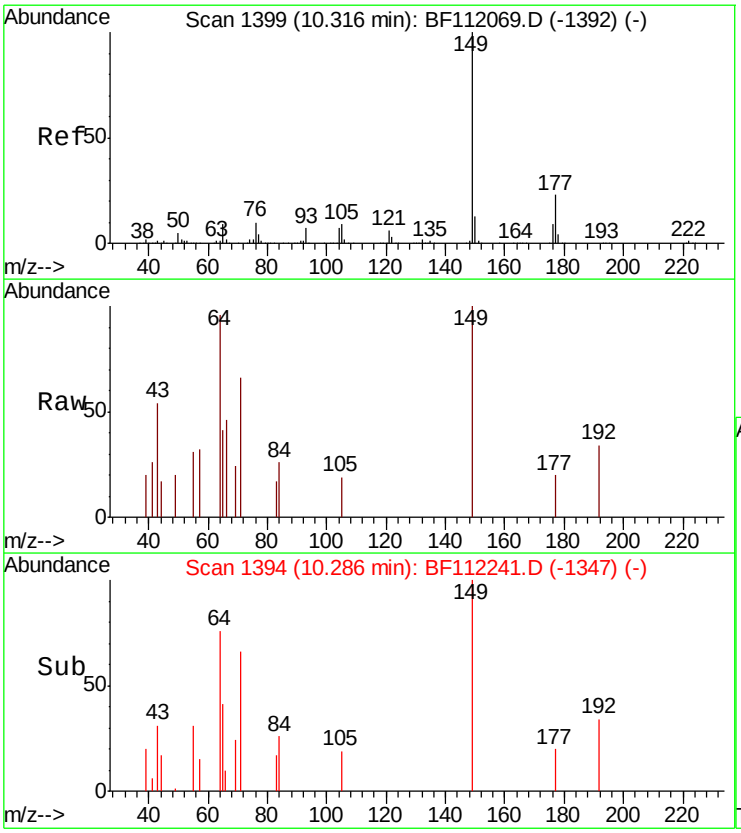
#58
Fluorene
Concen: 0.099 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:166 Resp: 2329

Ion	Ratio	Lower	Upper
166	100		
165	79.2	77.1	115.7
167	11.5	11.3	16.9

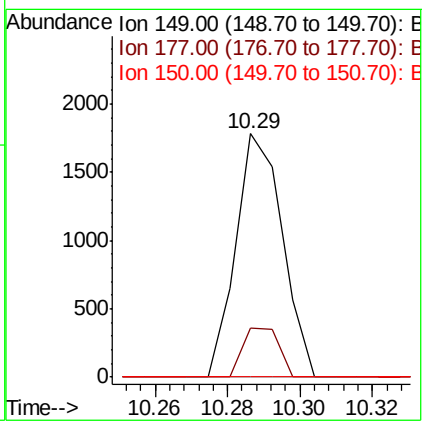


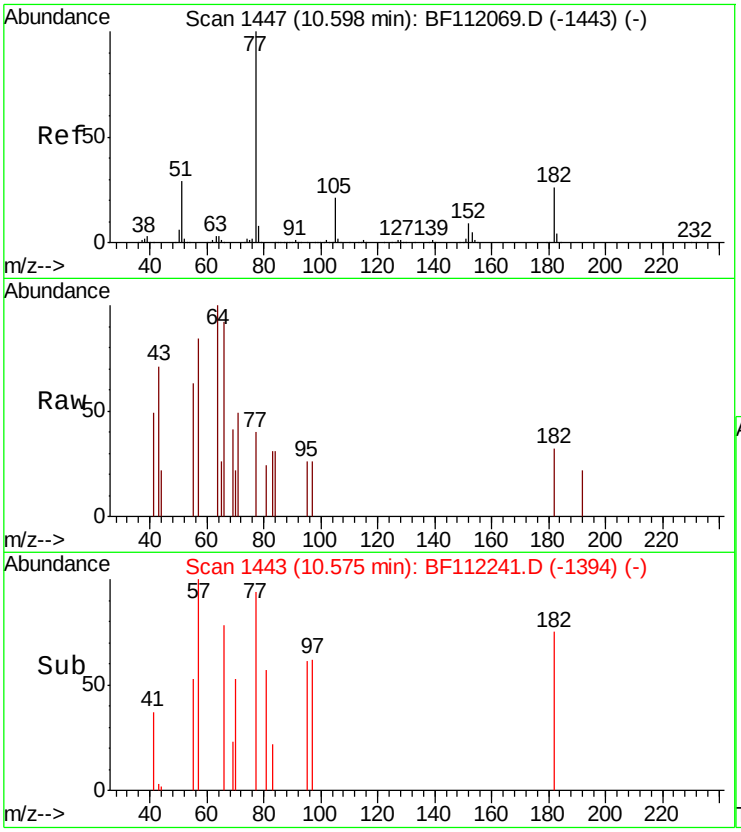


#60
Diethylphthalate
Concen: 0.060 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:149 Resp: 1601

Ion	Ratio	Lower	Upper
149	100		
177	20.0	18.2	27.2
150	0.0	10.4	15.6#



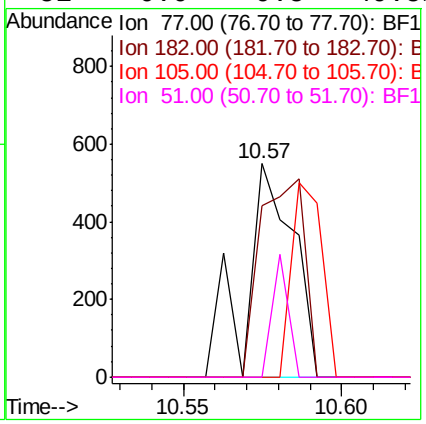


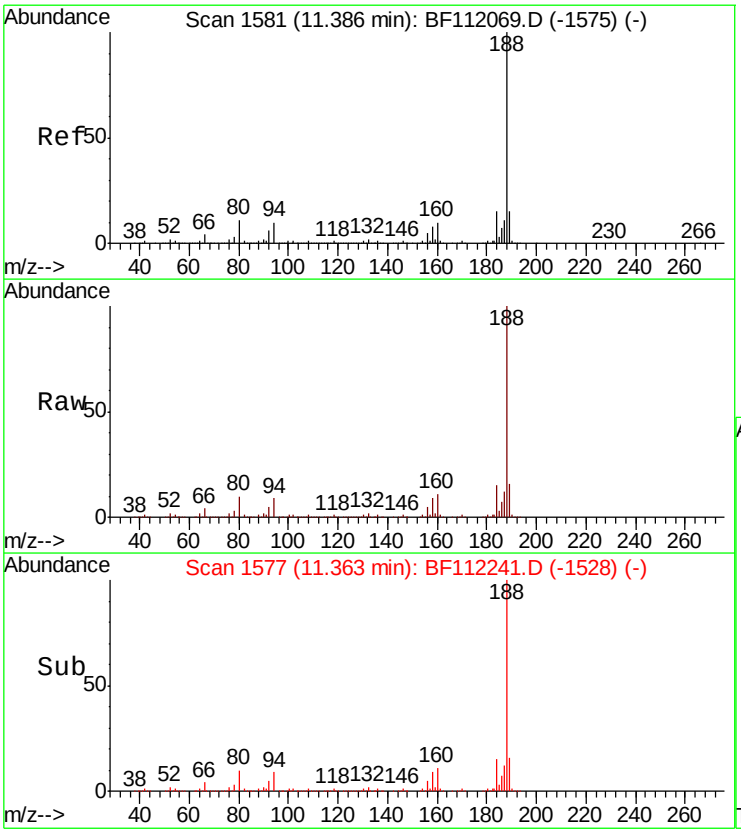
#63
Azobenzene
Concen: 0.025 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion: 77 Resp: 578

Ion	Ratio	Lower	Upper
77	100		
182	80.5	5.7	45.7#
105	0.0	1.4	41.4#
51	0.0	9.5	49.5#

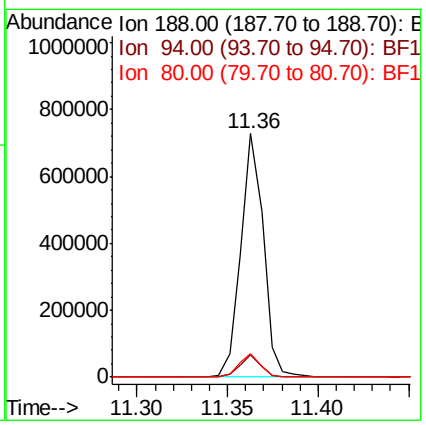


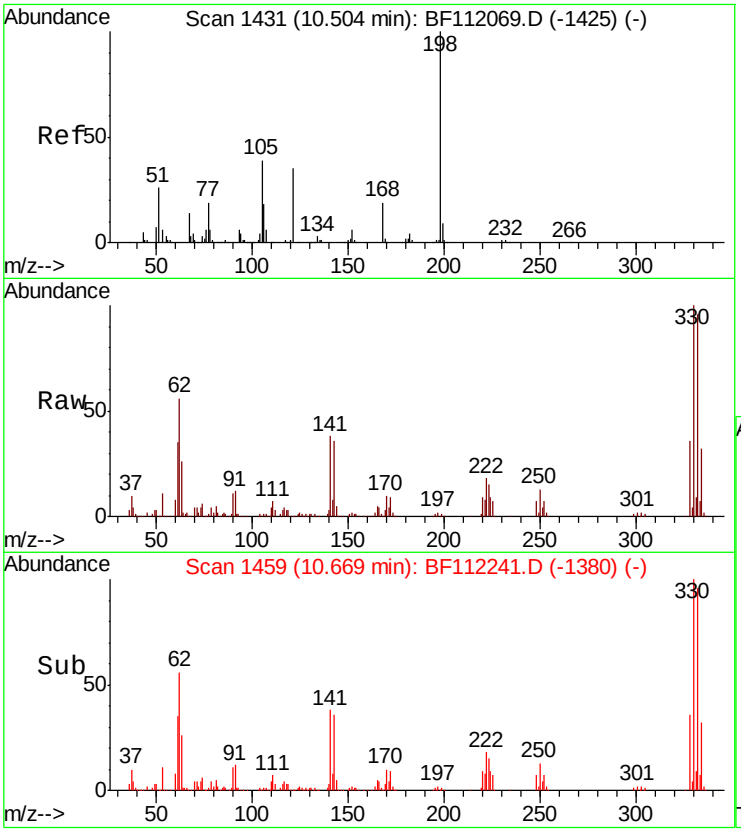


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:188 Resp: 631781

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.8	8.9	13.3



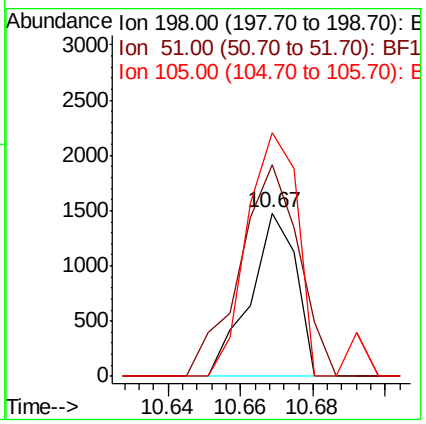


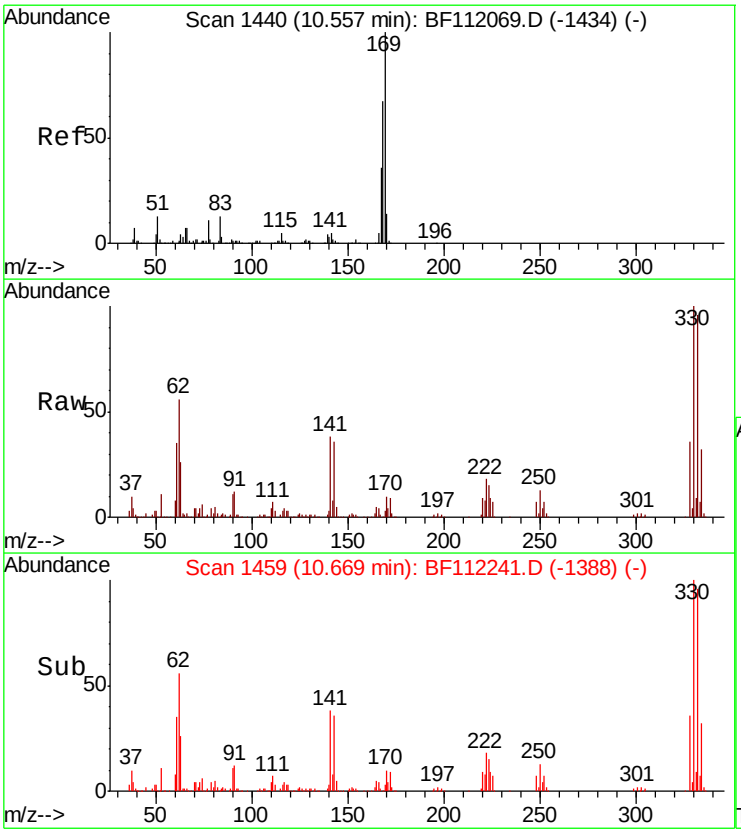
#65
4,6-Dinitro-2-methylphenol
Concen: 0.366 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.16 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:198 Resp: 1297

Ion	Ratio	Lower	Upper
198	100		
51	129.6	17.2	57.2#
105	149.0	21.9	61.9#

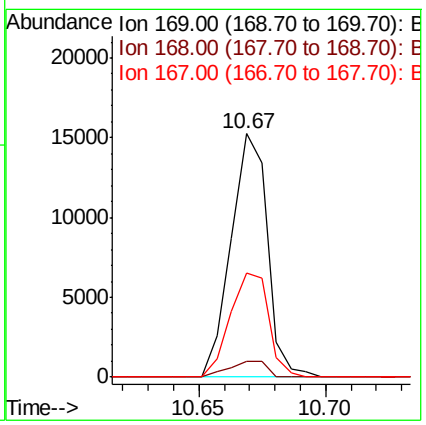


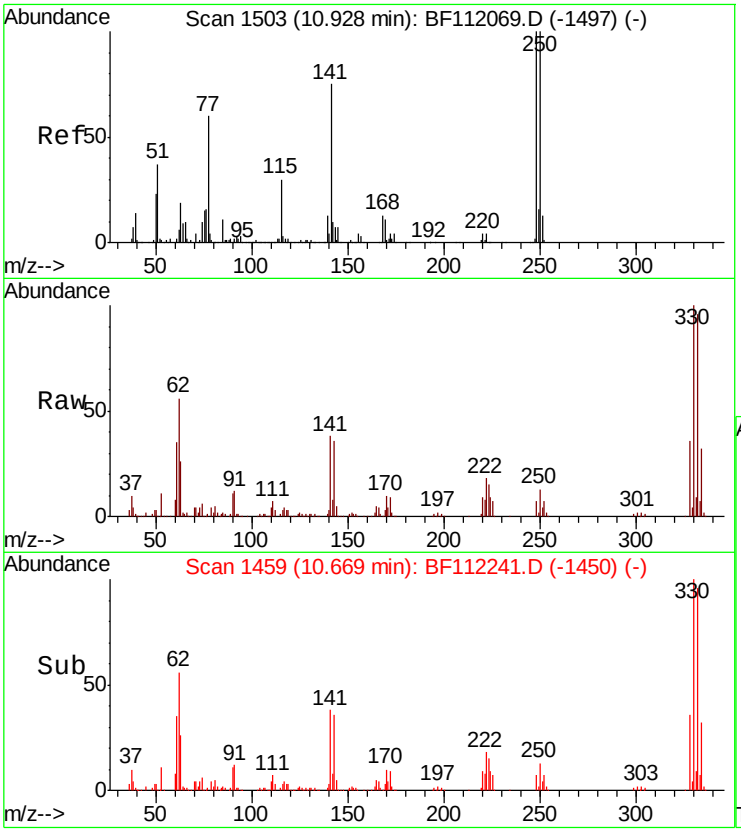


#66
n-Nitrosodiphenylamine
Concen: 0.714 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.12 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:169 Resp: 15213

Ion	Ratio	Lower	Upper
169	100		
168	6.7	53.9	80.9#
167	42.5	28.9	43.3



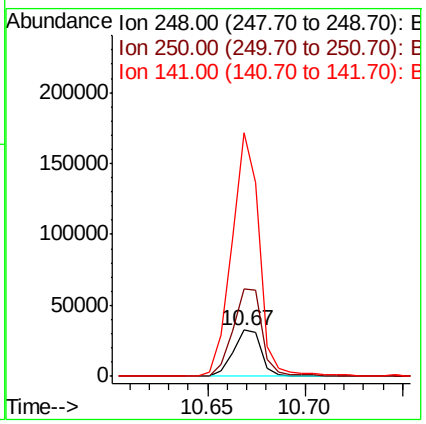


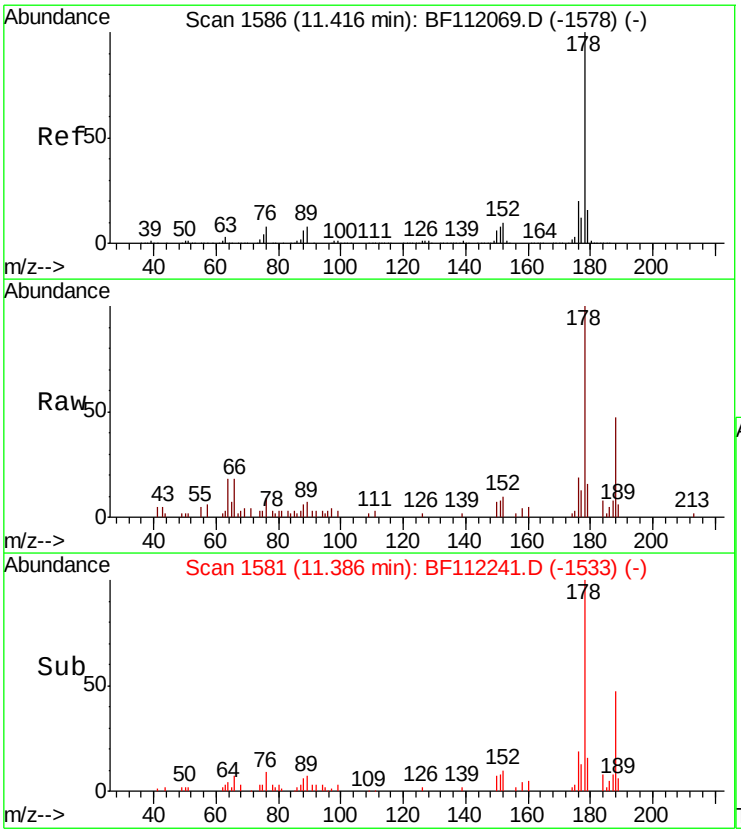
#67
4-Bromophenyl-phenylether
Concen: 4.417 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:248 Resp: 32818

Ion	Ratio	Lower	Upper
248	100		
250	189.7	79.7	119.5#
141	530.5	60.3	90.5#

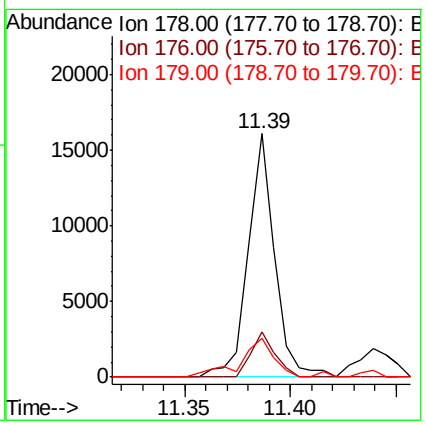


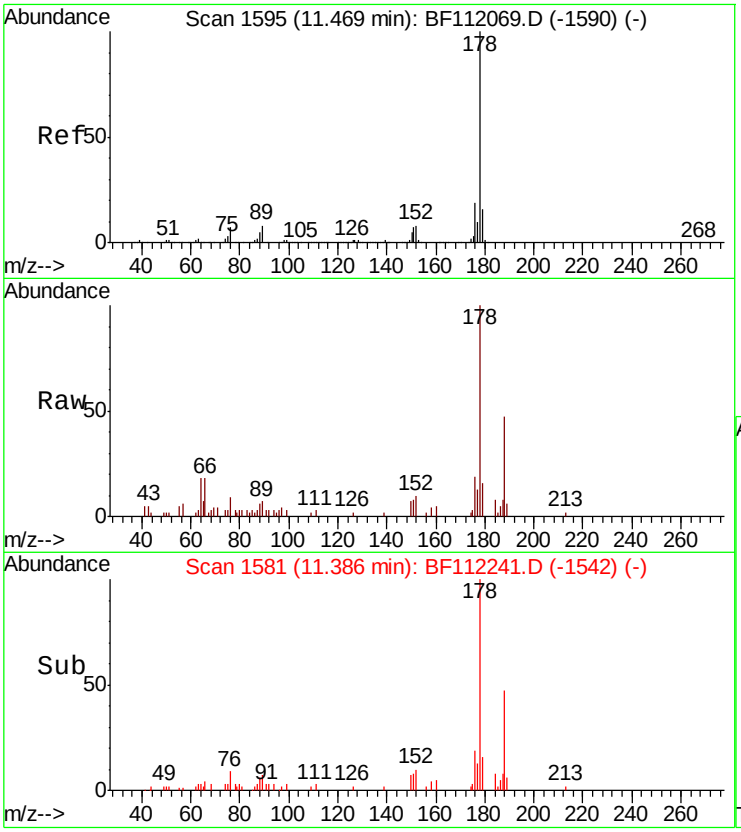


#71
Phenanthrene
Concen: 0.430 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:178 Resp: 14135

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.9	13.0	19.4



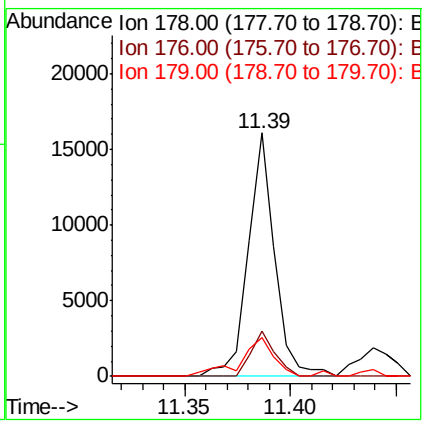


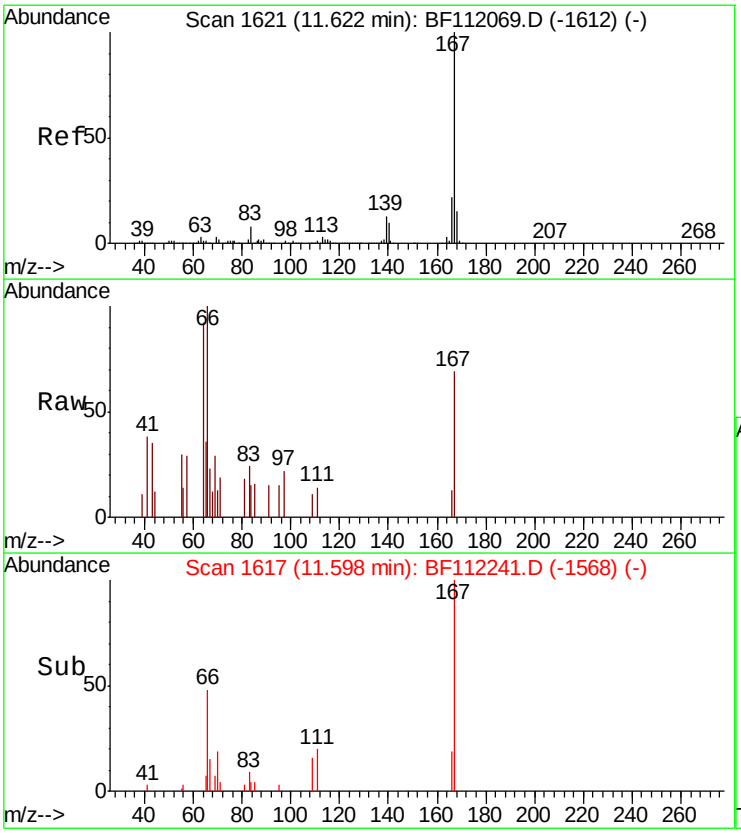
#72
Anthracene
Concen: 0.432 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.07 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:178 Resp: 14135

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.9	12.8	19.2

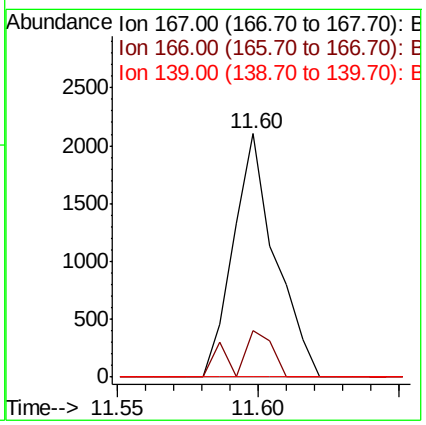


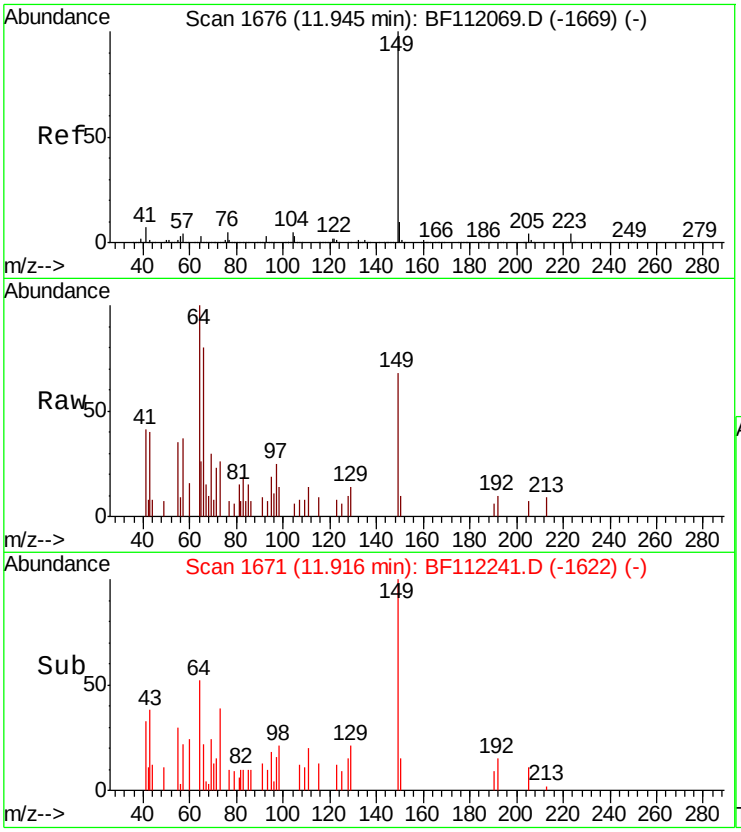


#73
Carbazole
Concen: 0.067 ng
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:167 Resp: 2173

Ion	Ratio	Lower	Upper
167	100		
166	19.0	17.9	26.9
139	0.0	10.2	15.2#



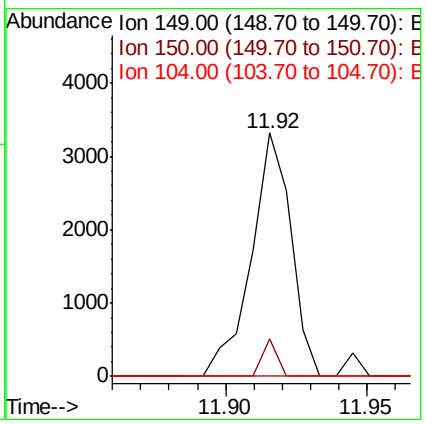


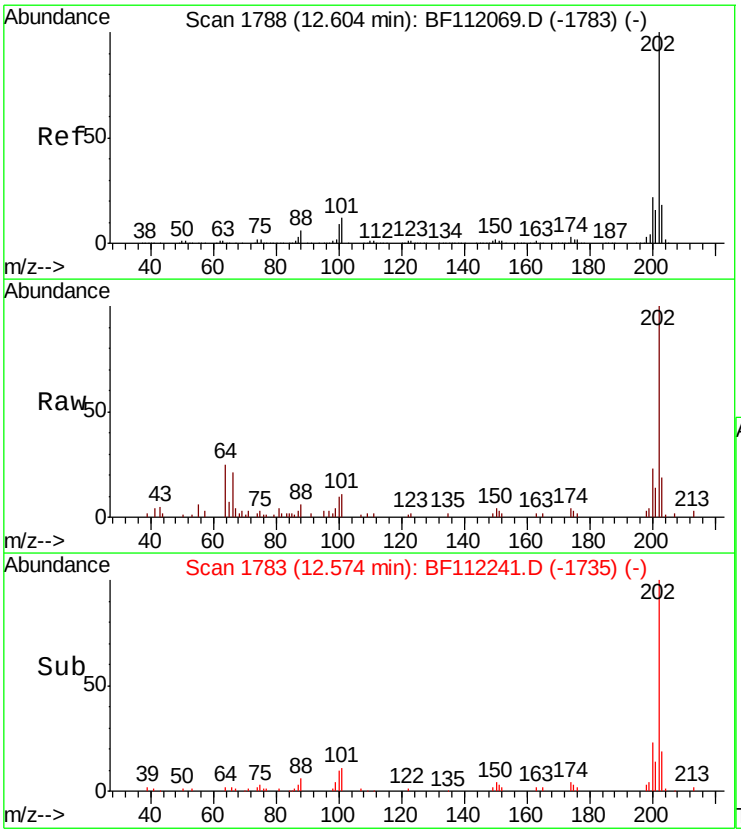
#74
Di-n-butylphthalate
Concen: 0.081 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:149 Resp: 3231

Ion	Ratio	Lower	Upper
149	100		
150	15.4	8.1	12.1#
104	0.0	3.9	5.9#

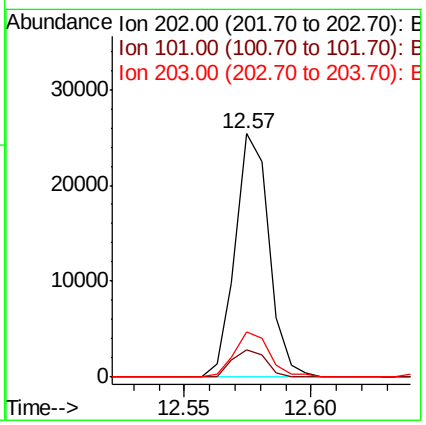


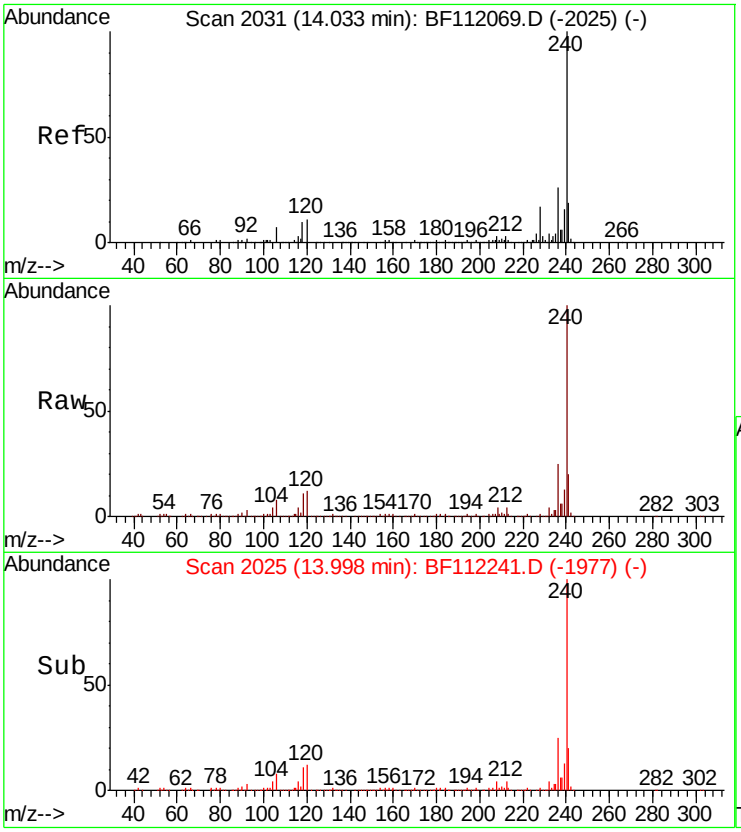


#75
Fluoranthene
Concen: 0.672 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:202 Resp: 23663

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.8
203	18.5	0.0	38.4



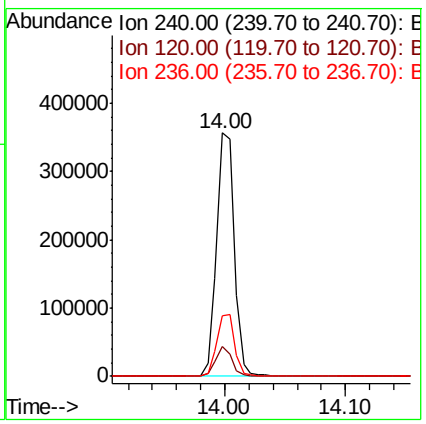


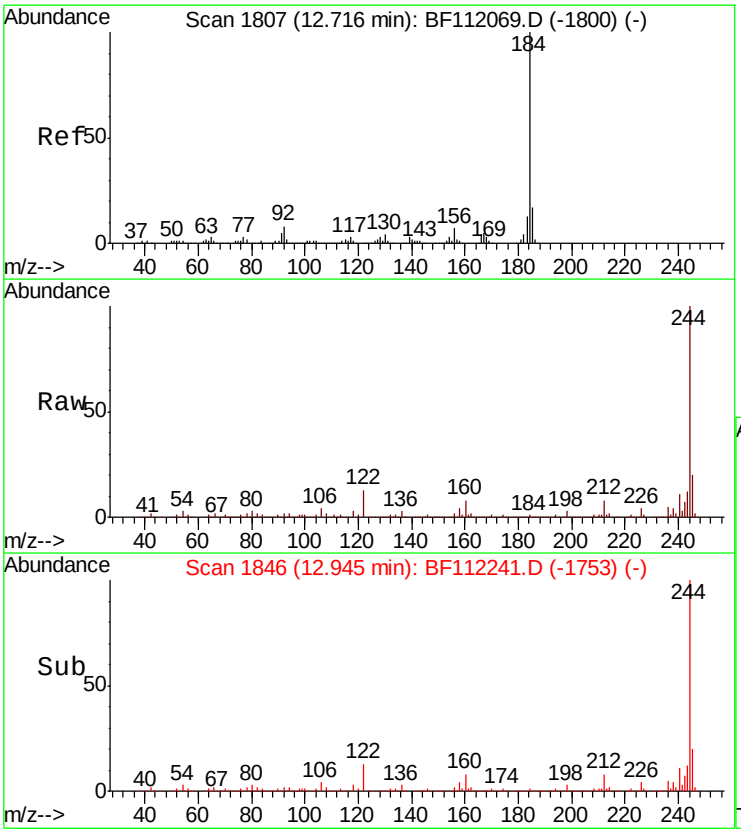
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:240 Resp: 359482

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	24.7	20.7	31.1

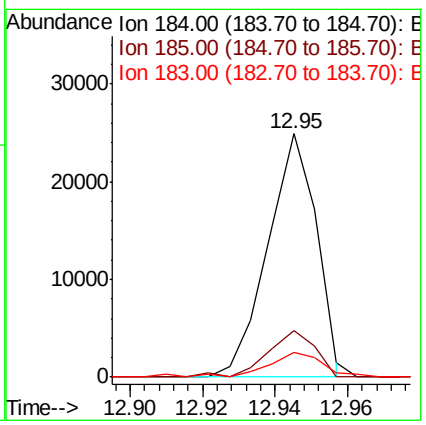


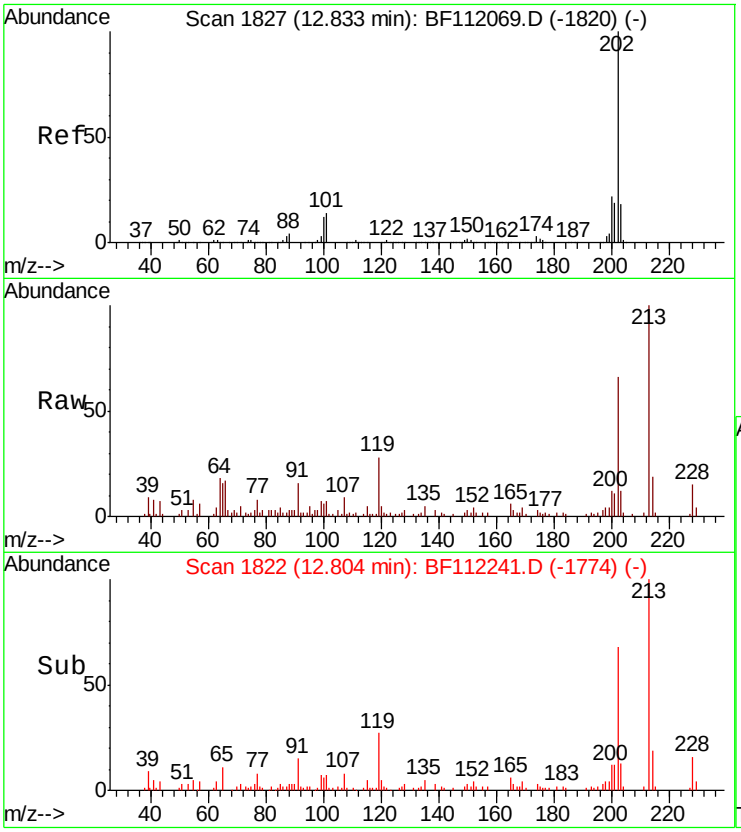


#77
Benzidine
Concen: 2.354 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.25 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:184 Resp: 23293

Ion	Ratio	Lower	Upper
184	100		
185	18.9	13.9	20.9
183	10.1	10.0	15.0



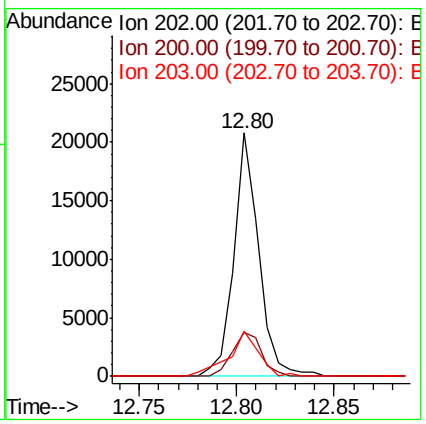


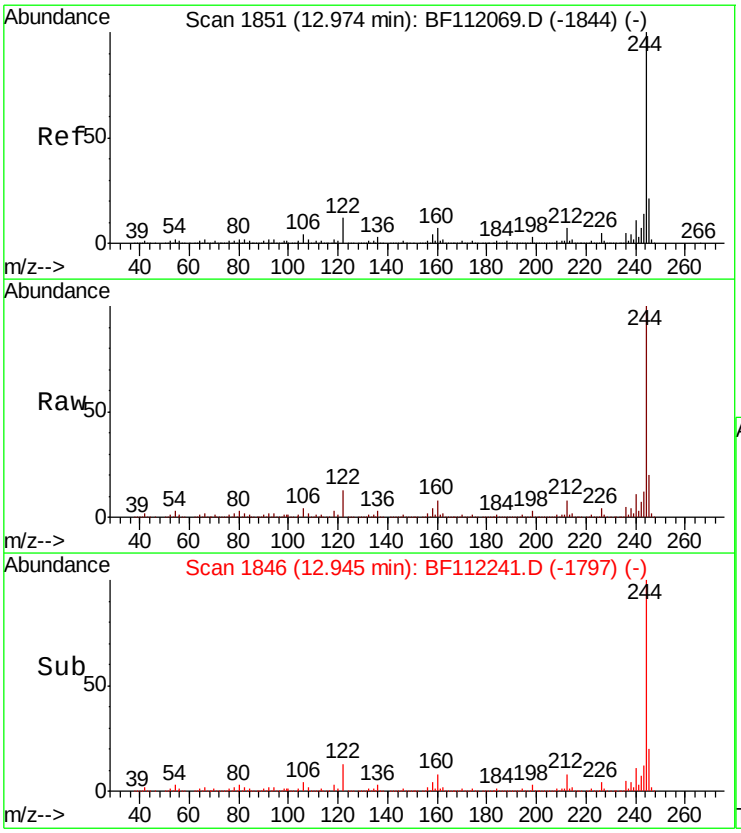
#78
Pyrene
Concen: 0.738 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:202 Resp: 18364

Ion	Ratio	Lower	Upper
202	100		
200	18.1	17.7	26.5
203	18.5	14.6	22.0

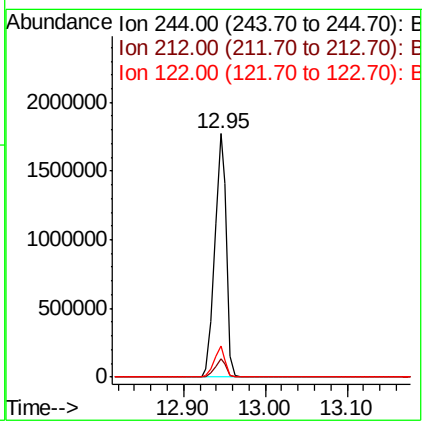


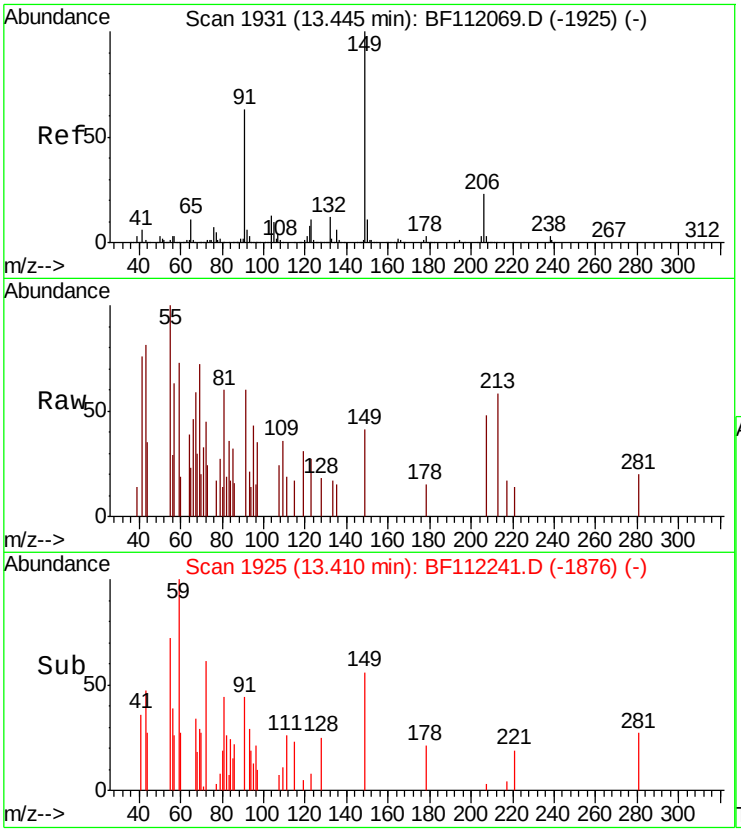


#79
Terphenyl-d14
Concen: 92.026 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:244 Resp: 1756439

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.6	9.8	14.6



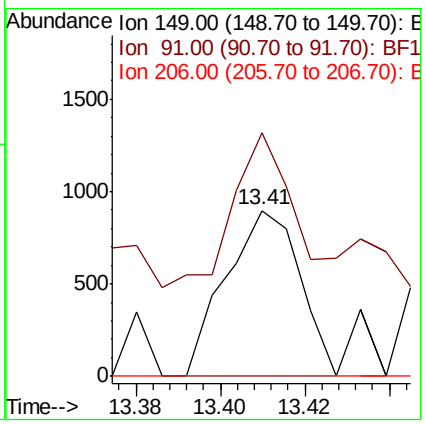


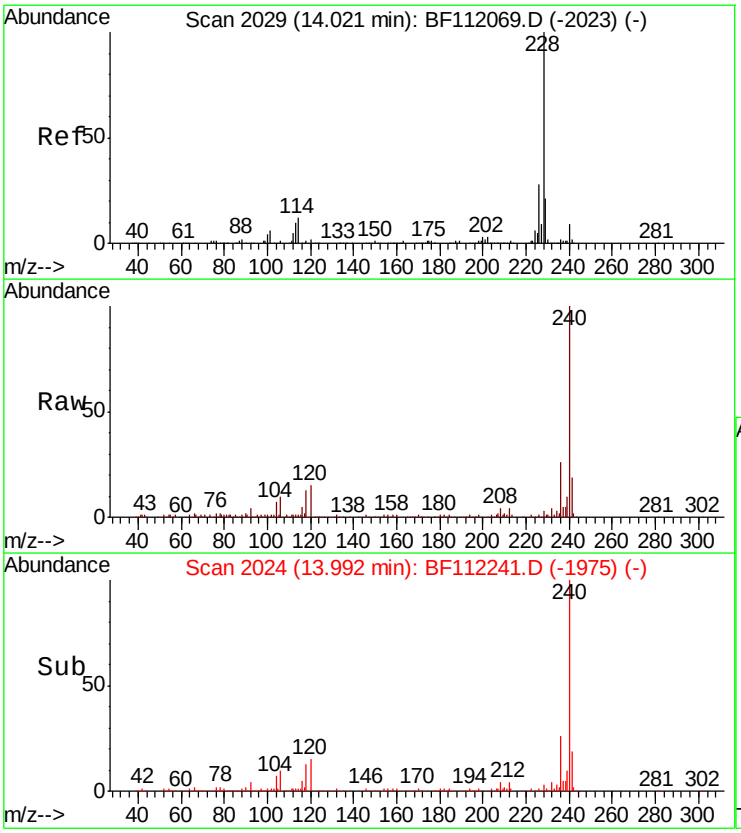
#80
Butylbenzylphthalate
Concen: 0.091 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:149 Resp: 1096

Ion	Ratio	Lower	Upper
149	100		
91	146.9	50.3	75.5#
206	0.0	18.2	27.4#

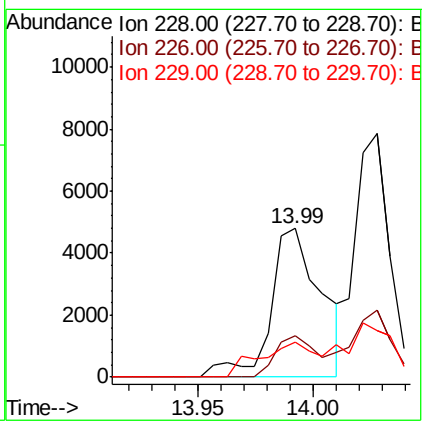


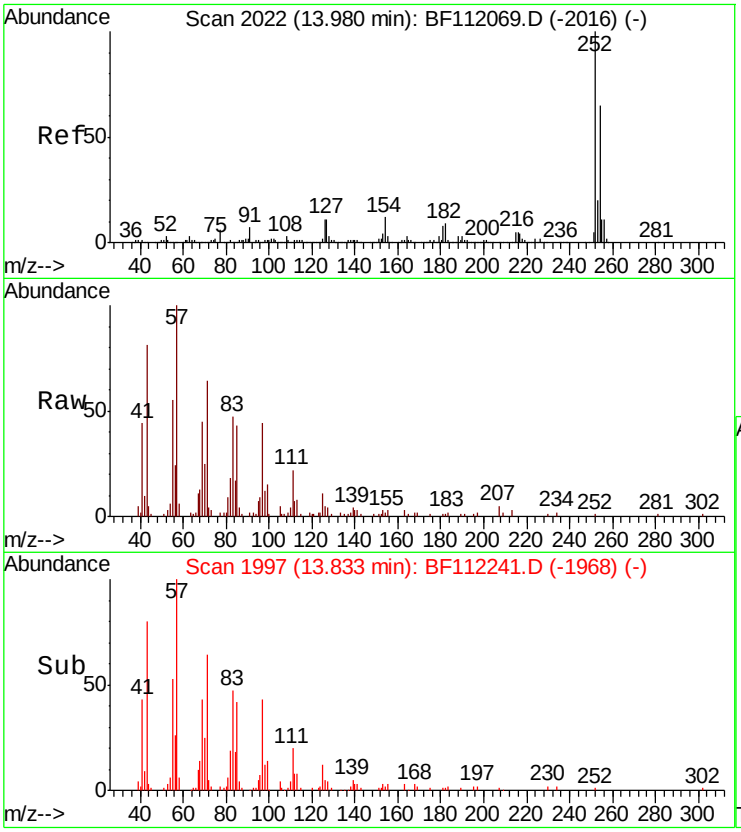


#81
Benzo(a)anthracene
Concen: 0.342 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:228 Resp: 7231

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	23.9	16.5	24.7



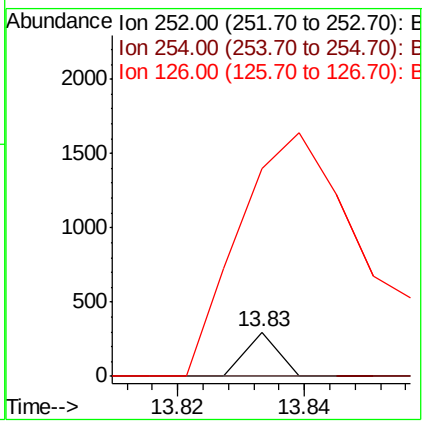


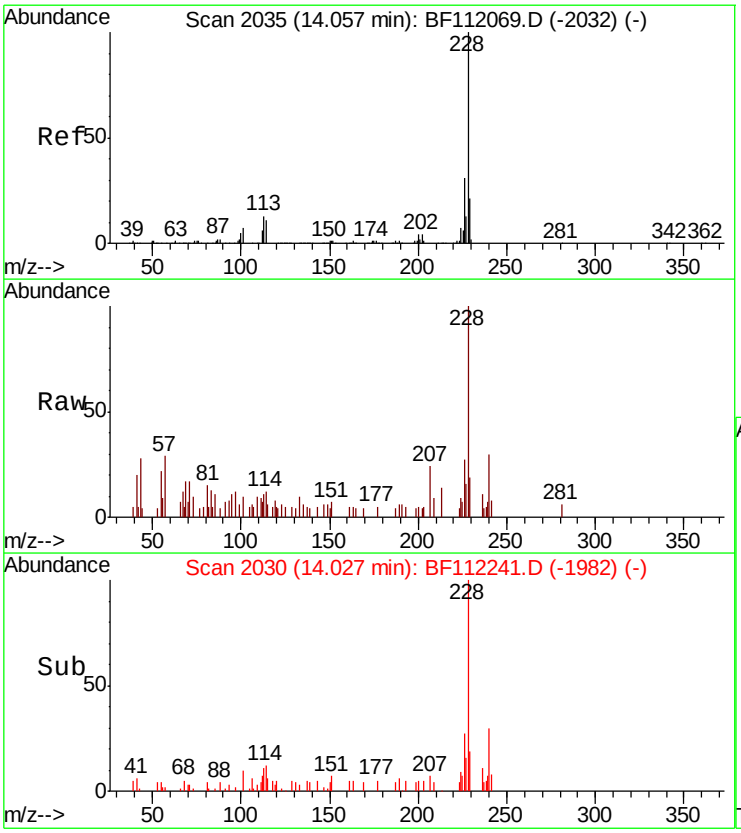
#82
3,3'-Dichlorobenzidine
Concen: 0.013 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.13 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.6	77.4#
126	466.7	8.6	12.8#

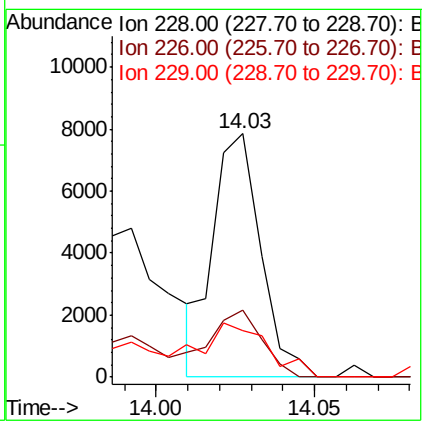


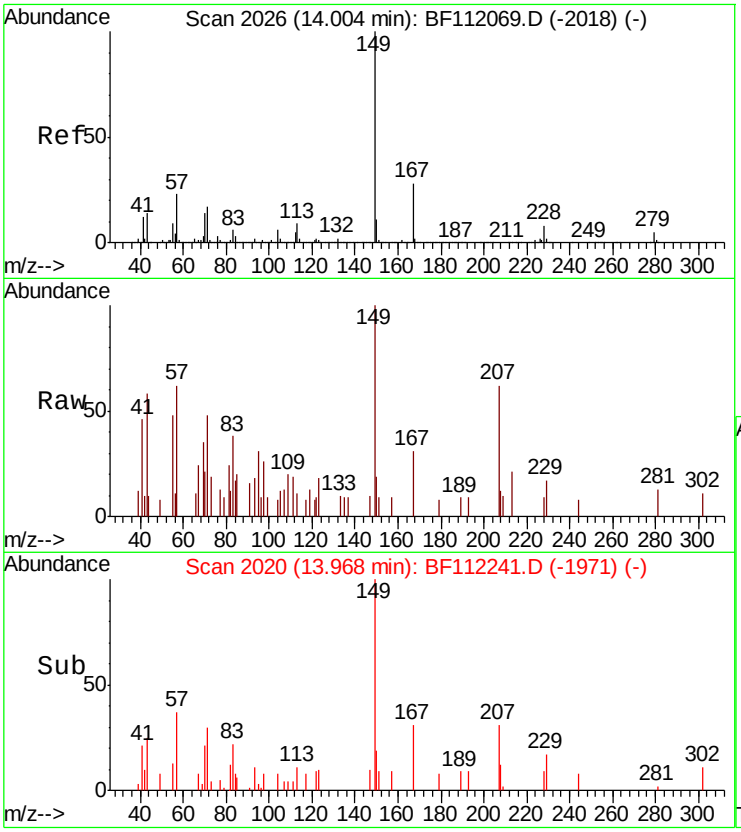


#83
Chrysene
Concen: 0.402 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:228 Resp: 8117

Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.0	37.6
229	19.3	16.6	24.8



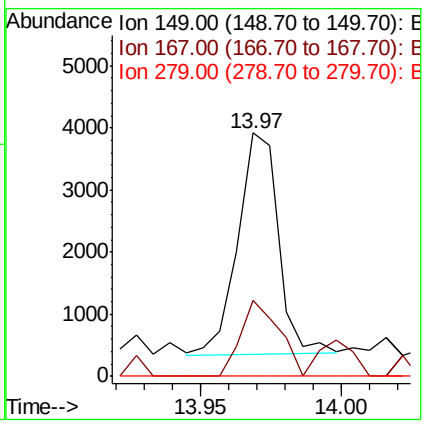


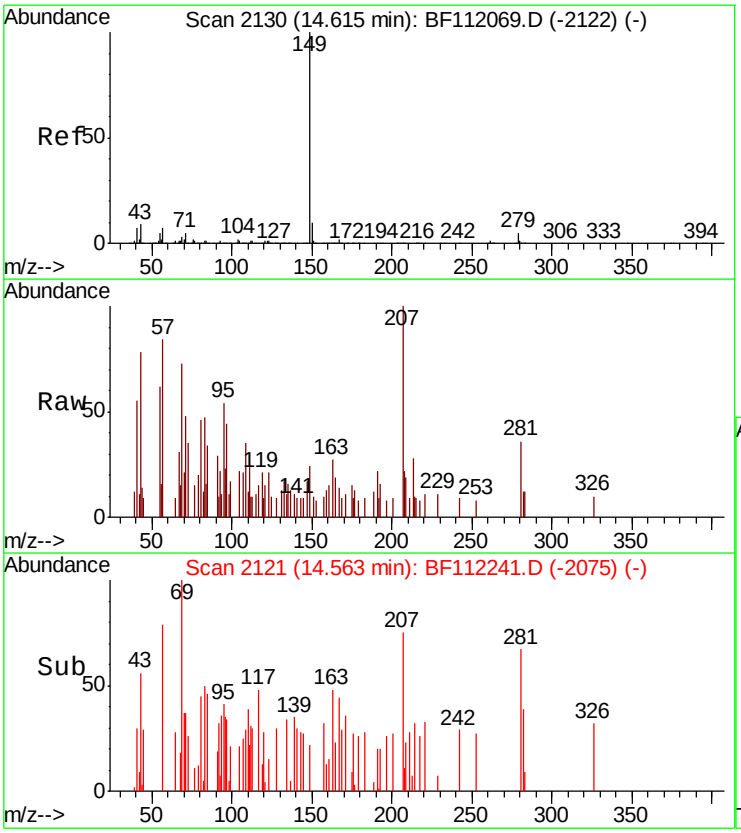
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:149 Resp: 3555

Ion	Ratio	Lower	Upper
149	100		
167	31.4	22.5	33.7
279	0.0	3.8	5.6#

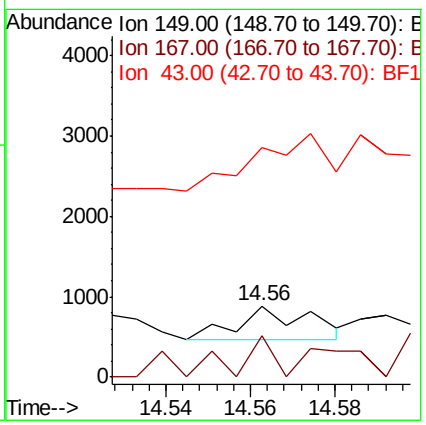


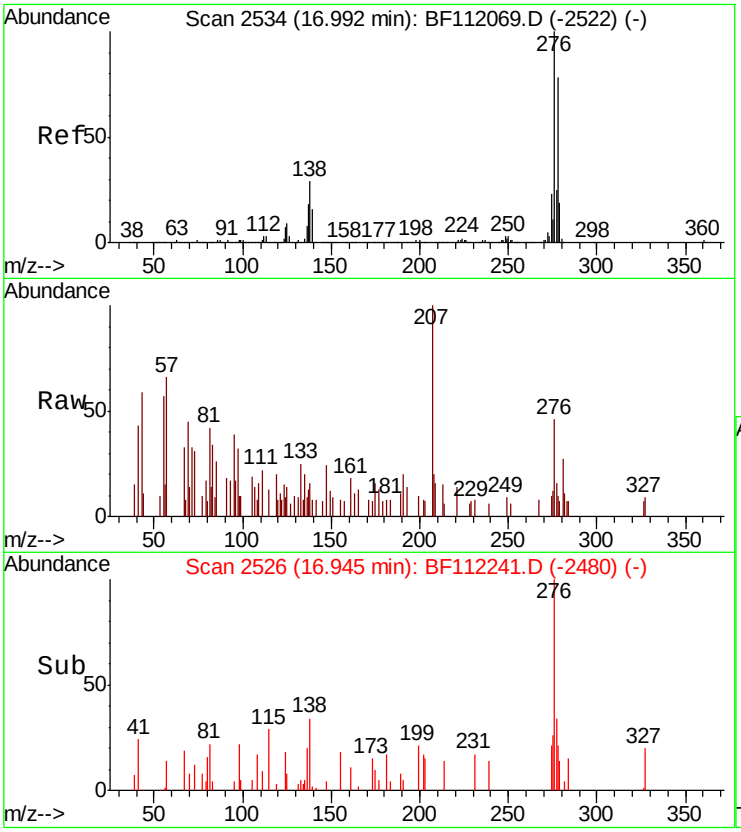


#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:149 Resp: 494

Ion	Ratio	Lower	Upper
149	100		
167	59.5	1.3	1.9#
43	0.0	7.8	11.6#



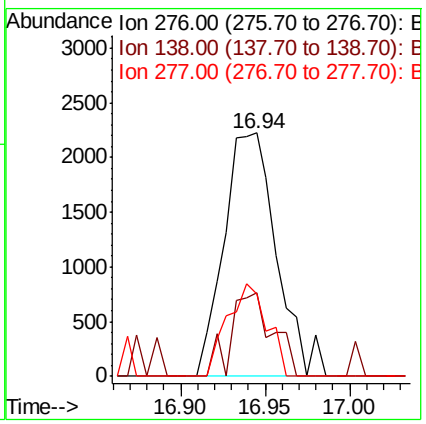


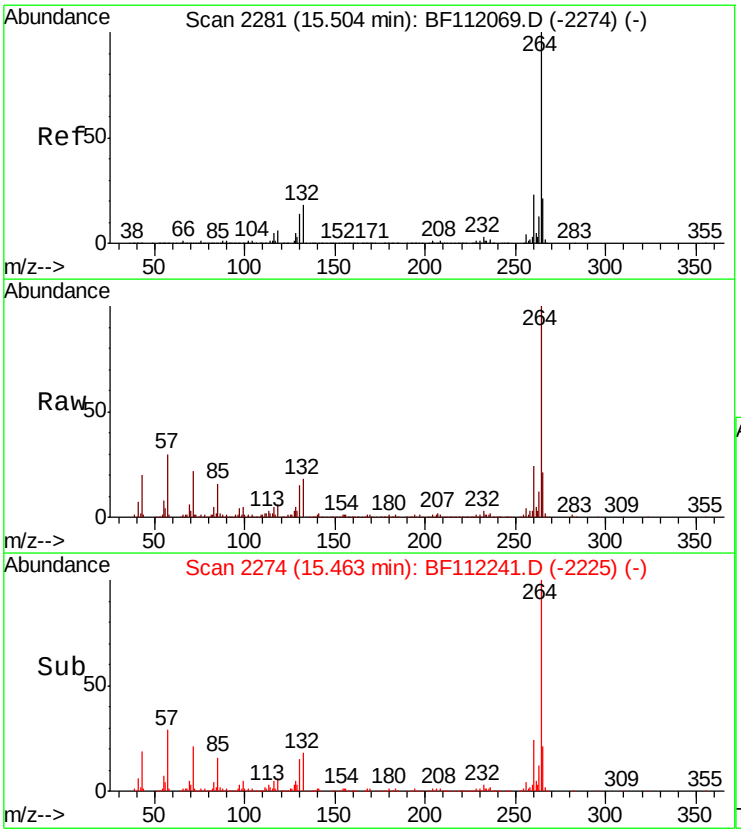
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:276 Resp: 4817

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.6	34.0
277	29.0	20.3	30.5

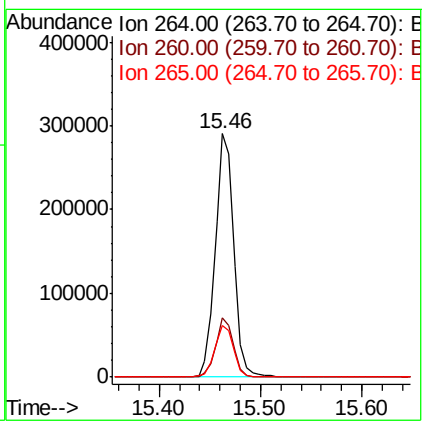


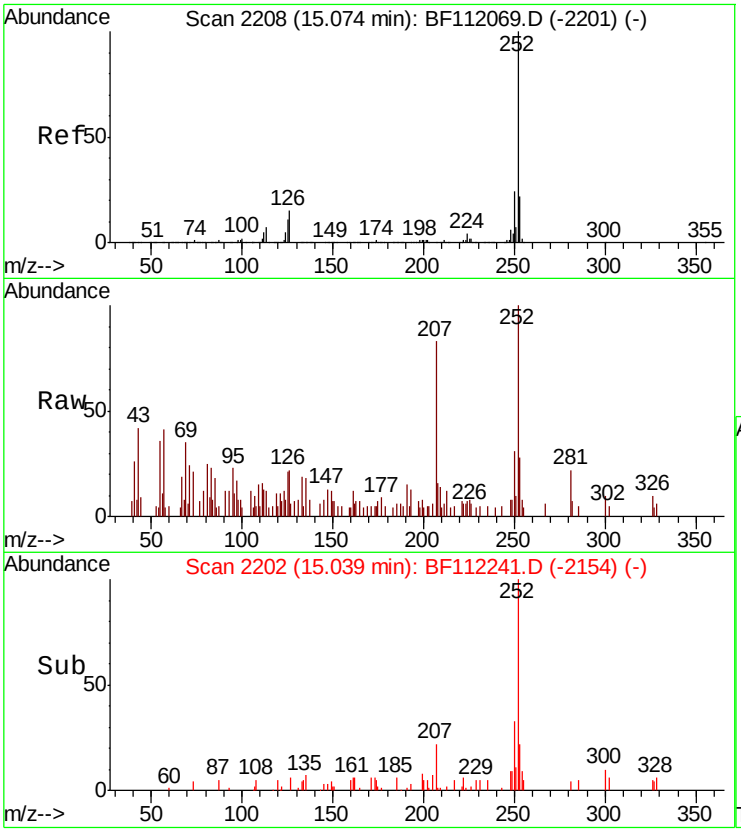


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:264 Resp: 365816

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.2	17.0	25.4



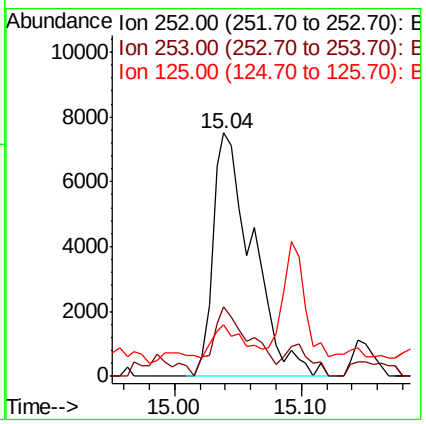


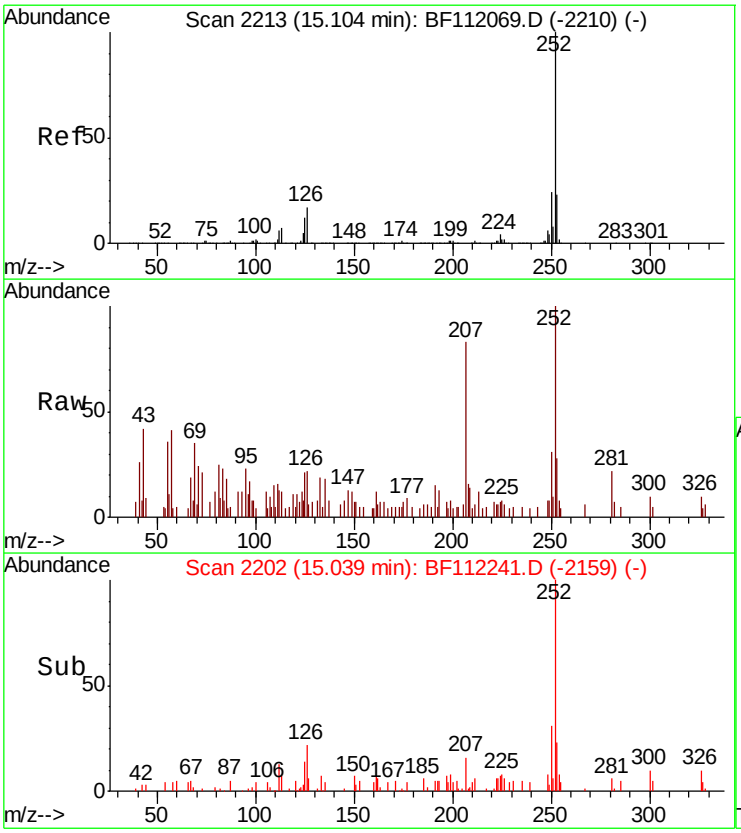
#88
Benzo(b)fluoranthene
Concen: 0.750 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:252 Resp: 16399

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.0	27.0#
125	21.1	8.7	13.1#

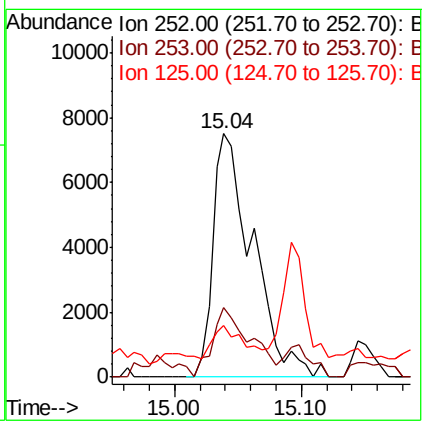


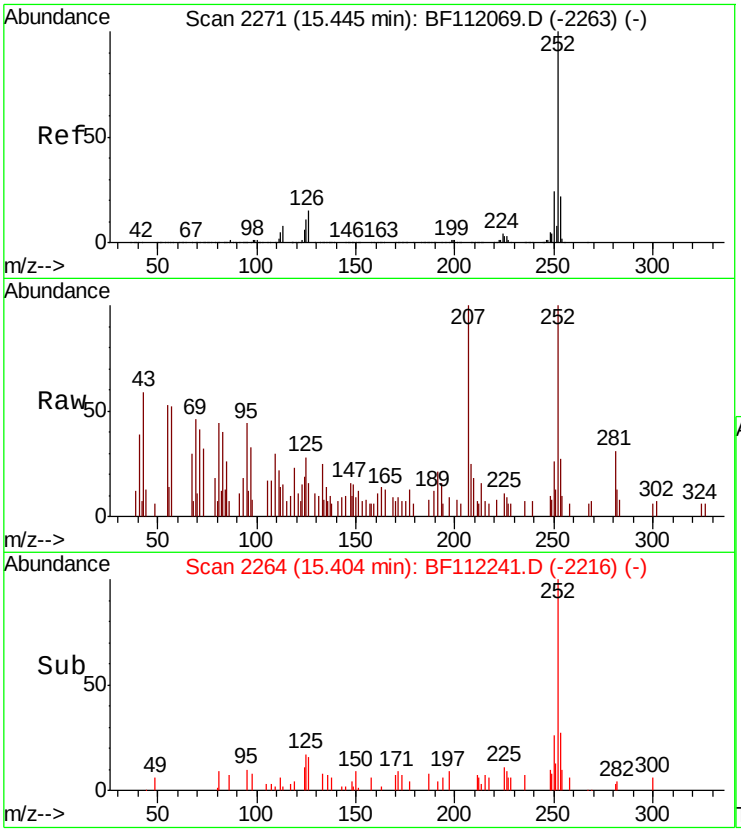


#89
Benzo(k)fluoranthene
Concen: 0.783 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:252 Resp: 16399

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.0	27.0#
125	21.1	9.1	13.7#



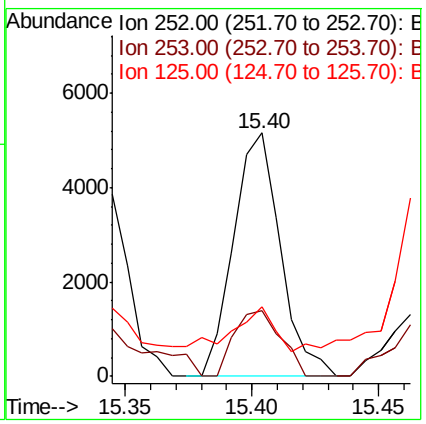


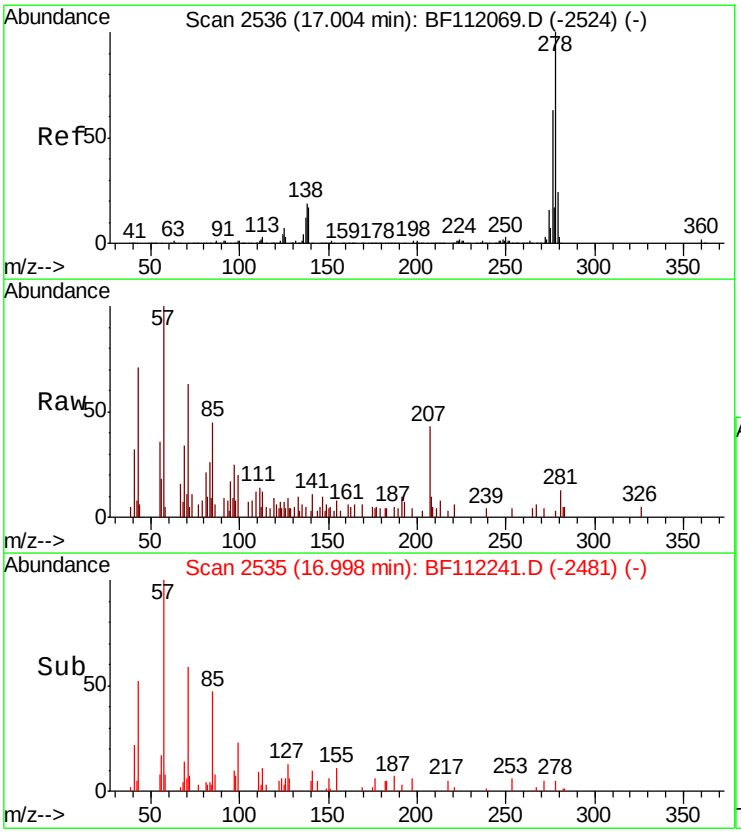
#90
Benzo(a)pyrene
Concen: 0.338 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:252 Resp: 6648

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.5	26.3#
125	28.5	9.0	13.4#

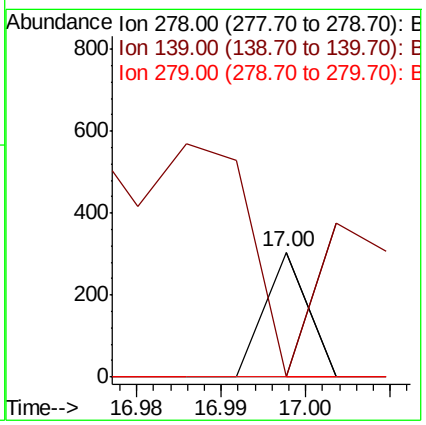


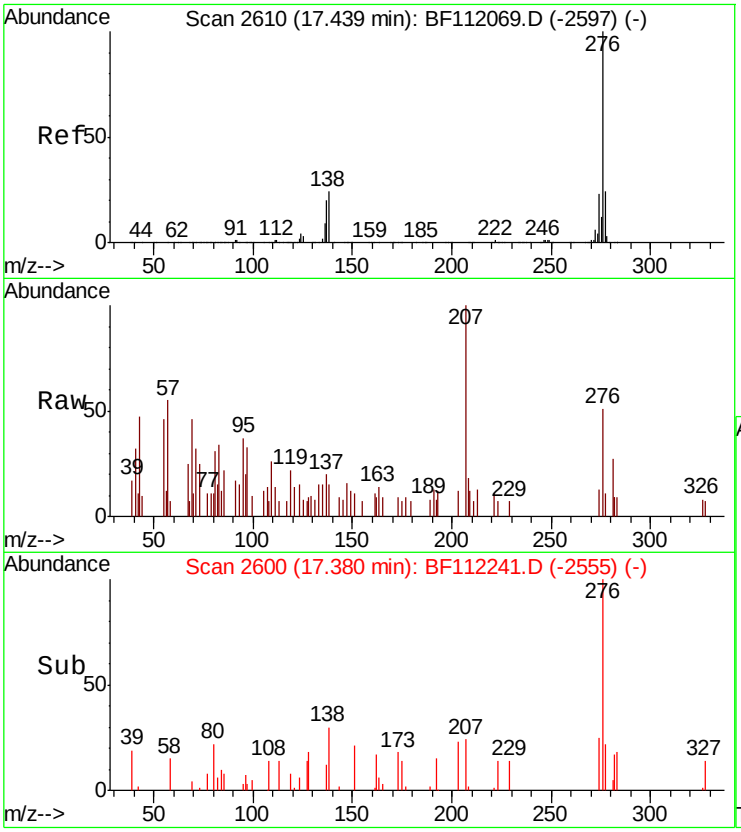


#91
Dibenzo(a,h)anthracene
Concen: 0.007 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:278 Resp: 107

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.265 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tgt Ion:276 Resp: 3965

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.4	29.0
138	30.3	19.1	28.7#