Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112257.D
Acq On : 26 Jan 2019 2:53
Operator : JU/SJ
Sample : K1016-03DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-RO-1-012319DL

Quant Time: Jan 27 23:48:54 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	261332	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	1101147	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	509776	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	834784	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	534522	20.00	ng		-0.01
87) Perylene-d12	15.47	264	638186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	727334	59.12	ng		-0.01
7) Phenol-d6	6.48	99	934312	54.65	ng		-0.03
23) Nitrobenzene-d5	7.40	82	589983	30.87	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	247494	41.71	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1156763	32.09	ng		-0.02
79) Terphenyl-d14	12.95	244	830710	29.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	381	0.078	ng	#	23
4) n-Nitrosodimethylamine	3.69	42	106	0.020	ng	#	1
6) Aniline	6.49	93	312	0.015	ng	#	1
9) Benzaldehyde	6.62	77	17893	2.002	ng		82
10) Phenol	6.49	94	11024	0.588	ng	#	59
11) bis(2-Chloroethyl)ether	6.62	93	1480	0.100	ng	#	1
15) Benzyl Alcohol	6.99	79	9598	0.666	ng	#	49
17) 2-Methylphenol	6.96	107	1117	0.085	ng	#	11
18) Hexachloroethane	7.33	117	228	0.033	ng	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	80734	6.849	ng	#	76
22) Acetophenone	7.23	105	3006	0.112	ng	#	46
24) Nitrobenzene	7.40	77	2868	0.150	ng	#	31
25) Isophorone	7.40	82	576001	19.213	ng	#	64
28) bis(2-Chloroethoxy)methane	7.86	93	113	0.006	ng	#	1
29) 2,4-Dichlorophenol	8.07	162	315	0.020	ng	#	25
31) Naphthalene	8.15	128	19209	0.373	ng		98
33) 4-Chloroaniline	8.15	127	2716	0.121	ng	#	48
35) Caprolactam	8.55	113	1234	0.222	ng	#	33
36) 4-Chloro-3-methylphenol	8.70	107	116	0.007	ng	#	17
37) 2-Methylnaphthalene	8.83	142	18442	0.523	ng		96
38) 1-Methylnaphthalene	8.93	142	30372	0.899	ng		97
46) 1,1'-Biphenyl	9.30	154	15400	0.346	ng		98
47) 2-Chloronaphthalene	9.37	162	665	0.019	ng	#	68
48) 2-Nitroaniline	9.40	65	253	0.027	ng	#	1
49) Acenaphthylene	9.74	152	59840	1.181	ng		97
50) Dimethylphthalate	9.59	163	79851	2.016	ng		99
51) 2,6-Dinitrotoluene	9.87	165	69551	7.841	ng	#	34
52) Acenaphthene	9.91	154	84123	2.780	ng		98
53) 3-Nitroaniline	9.86	138	106	0.011	ng	#	1
54) 2,4-Dinitrophenol	9.92	184	961	0.338	ng	#	1
55) Dibenzofuran	10.08	168	166466	3.600	ng		98
56) 4-Nitrophenol	10.08	139	61192	12.044	ng	#	14
57) 2,4-Dinitrotoluene	10.03	165	2640	0.234	ng	#	46
58) Fluorene	10.42	166	260189	7.519	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112257.D
Acq On : 26 Jan 2019 2:53
Operator : JU/SJ
Sample : K1016-03DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-RO-1-012319DL

Quant Time: Jan 27 23:48:54 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)
60) Diethylphthalate	10.29	149	1331	0.034	ng	#	74
61) 4-Chlorophenyl-phenylether	10.23	204	106	0.006	ng	#	1
62) 4-Nitroaniline	10.42	138	2854	0.303	ng	#	26
63) Azobenzene	10.58	77	2117	0.061	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.66	198	404	0.086	ng	#	1
66) n-Nitrosodiphenylamine	10.53	169	3841	0.137	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	14156	1.442	ng	#	1
69) Atrazine	10.88	200	5407	0.596	ng	#	45
71) Phenanthrene	11.39	178	1934977	44.585	ng		99
72) Anthracene	11.44	178	610658	14.125	ng		98
73) Carbazole	11.59	167	75445	1.769	ng		97
74) Di-n-butylphthalate	11.92	149	3682	0.070	ng	#	76
75) Fluoranthene	12.59	202	2088464	44.867	ng		99
77) Benzidine	12.68	184	436	0.030	ng	#	1
78) Pyrene	12.82	202	1669670	45.117	ng		99
80) Butylbenzylphthalate	13.42	149	2429	0.136	ng	#	1
81) Benzo(a)anthracene	13.99	228	783167	24.924	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	165	0.014	ng	#	44
83) Chrysene	14.03	228	607095	20.241	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	3004	0.118	ng	#	65
85) Di-n-octyl phthalate	14.57	149	1321	0.034	ng	#	77
86) Indeno(1,2,3-cd)pyrene	16.94	276	374024	15.737	ng	#	93
88) Benzo(b)fluoranthene	15.04	252	1169605	30.645	ng		100
89) Benzo(k)fluoranthene	15.04	252	1169605	31.993	ng		100
90) Benzo(a)pyrene	15.40	252	630796	18.368	ng		98
91) Dibenzo(a,h)anthracene	17.10	278	76233	2.754	ng		92
92) Benzo(g,h,i)perylene	17.38	276	320121	12.259	ng		97

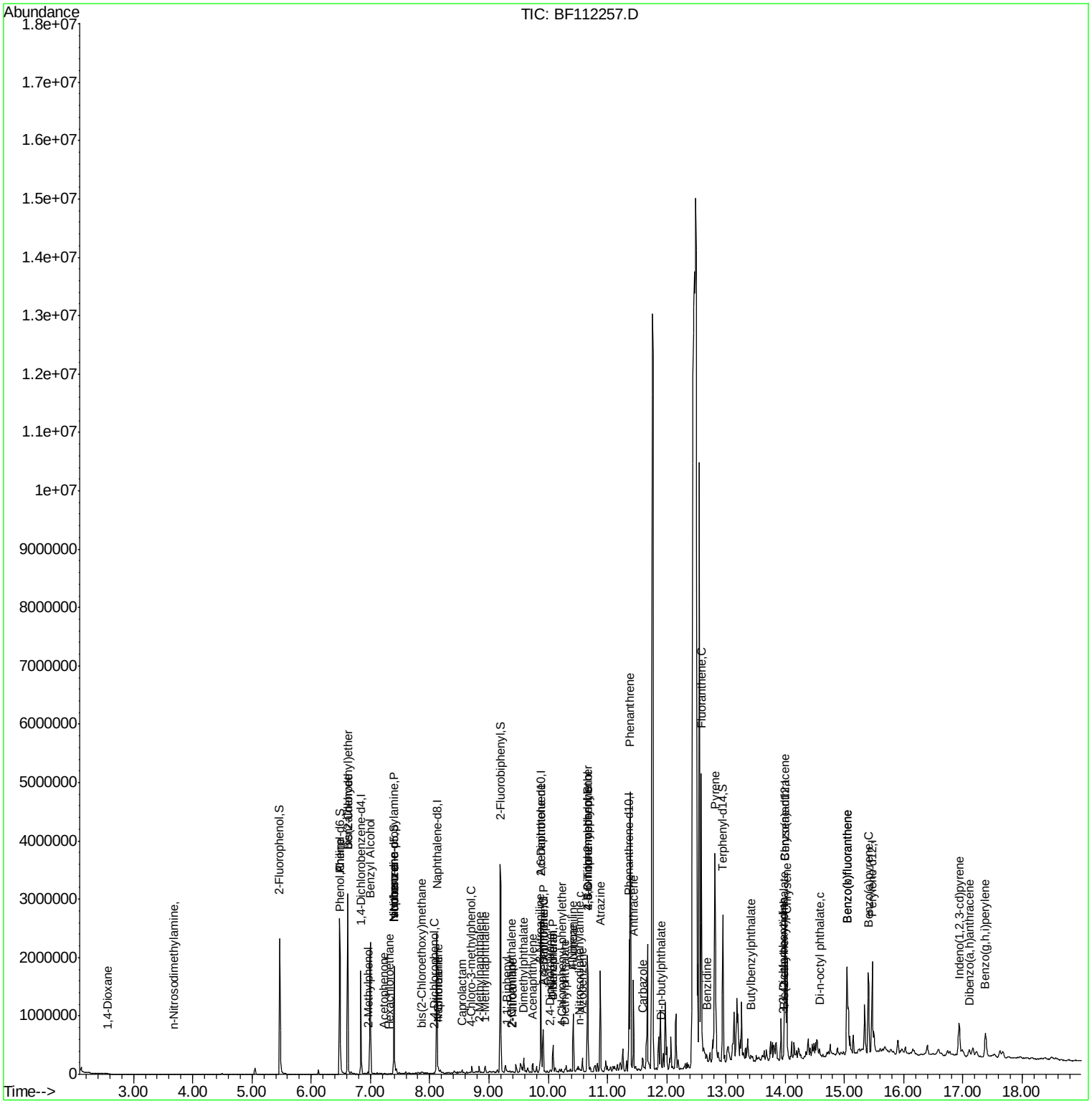
(#) = qualifier out of range (m) = manual integration (+) = signals summed

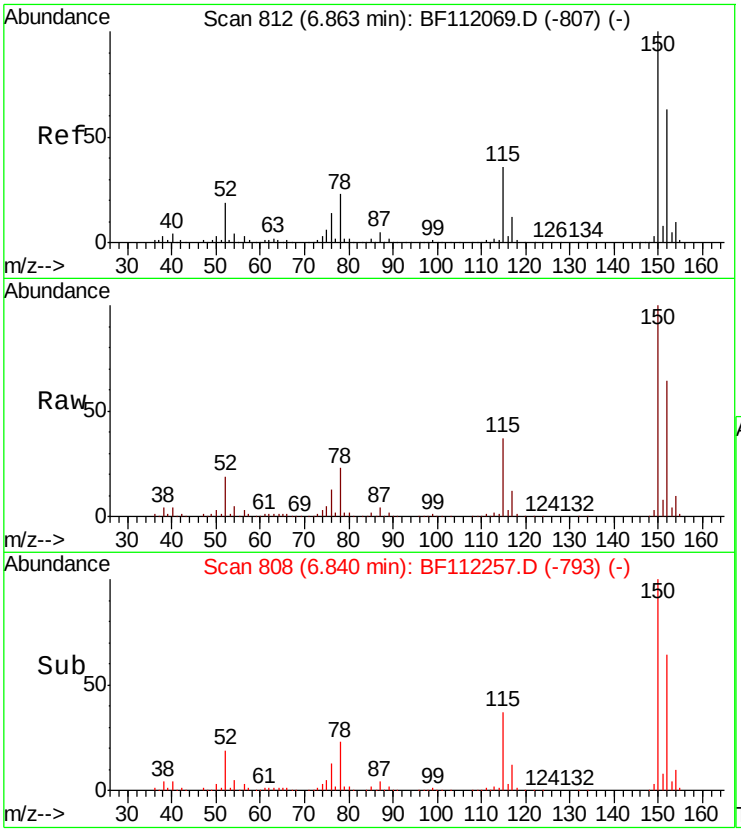
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112257.D
Acq On : 26 Jan 2019 2:53
Operator : JU/SJ
Sample : K1016-03DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Quant Time: Jan 27 23:48:54 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



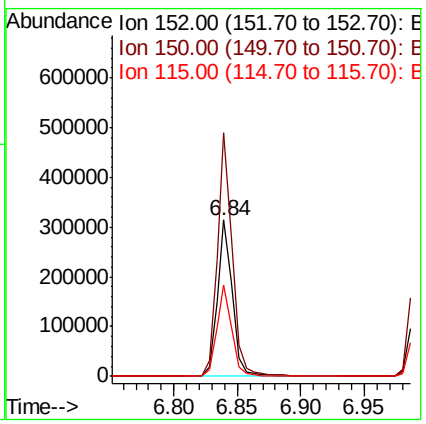


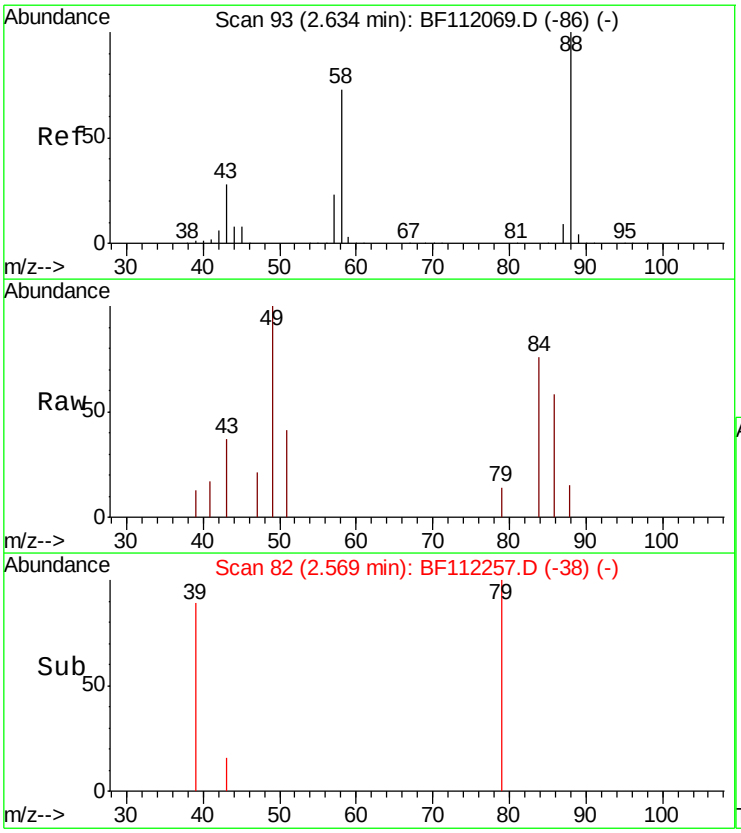
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:152 Resp: 261332

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.0
115	58.2	45.5	68.3

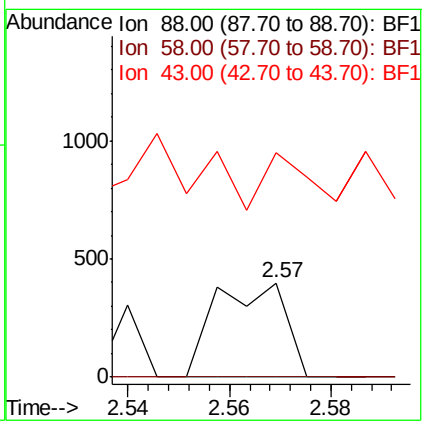


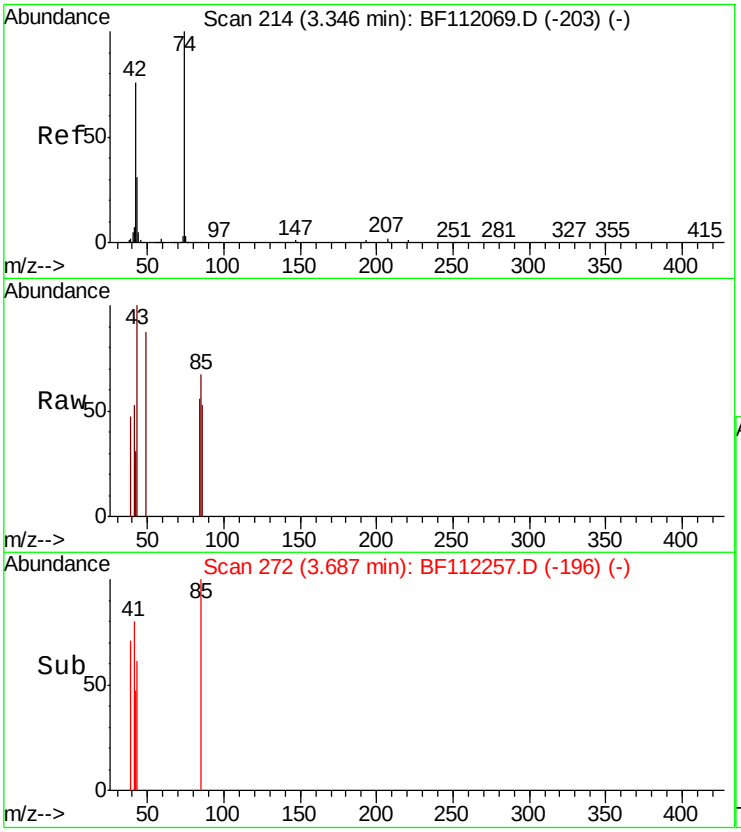


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 88 Resp: 381

Ion	Ratio	Lower	Upper
88	100		
58	0.0	57.4	86.2#
43	0.0	22.2	33.4#



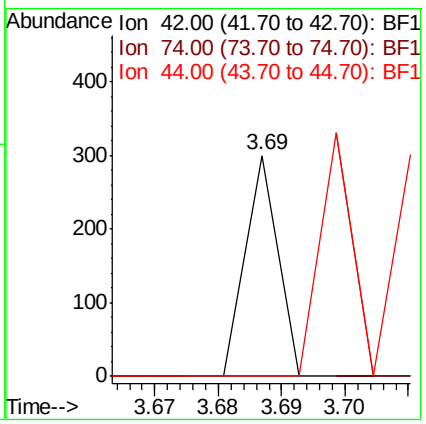


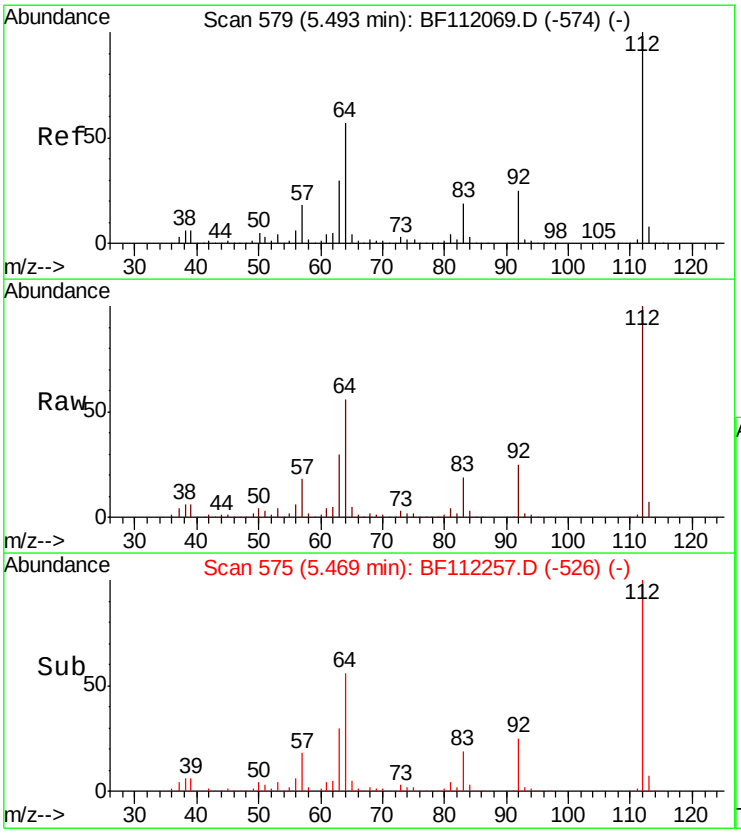
#4
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.69 min Scan# 272
Delta R.T. 0.35 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 42 Resp: 106

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.6	158.4#
44	0.0	5.4	8.2#

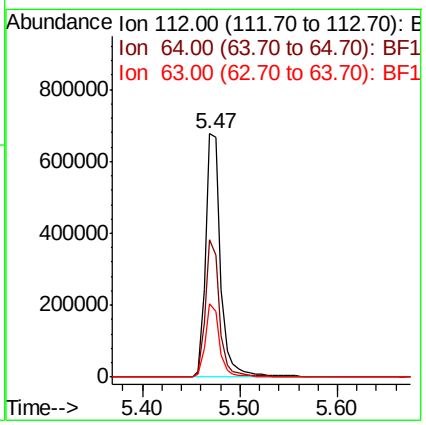


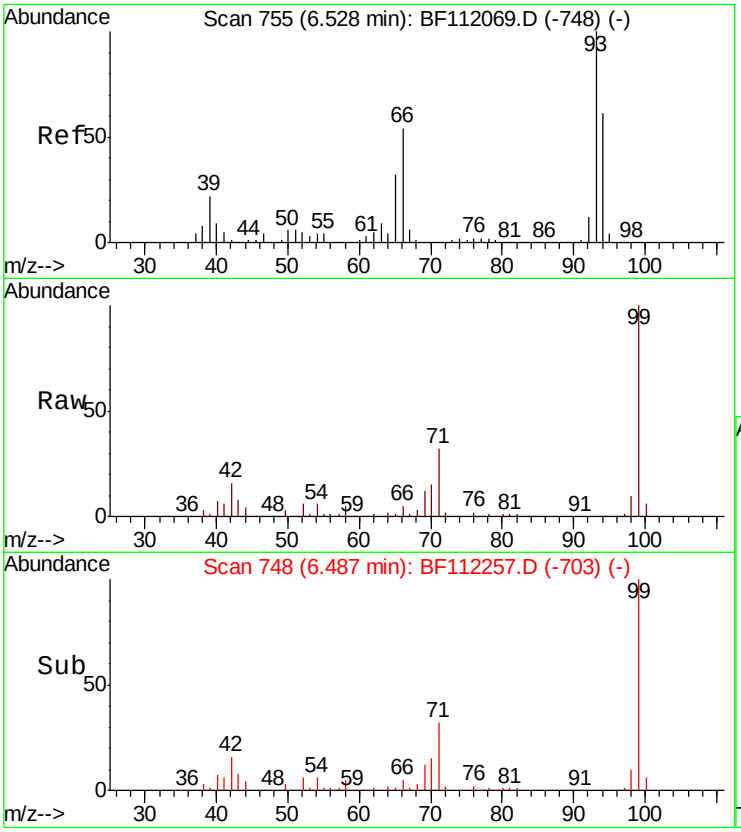


#5
2-Fluorophenol
Concen: 59.117 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:112 Resp: 727334

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	29.9	23.6	35.4



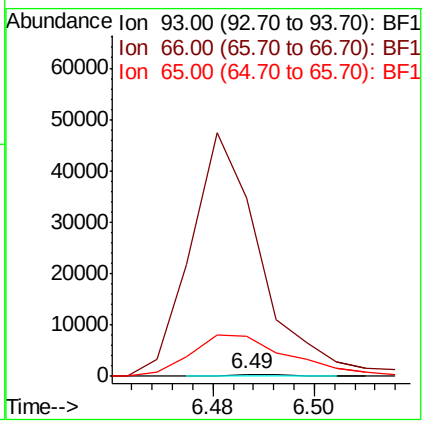


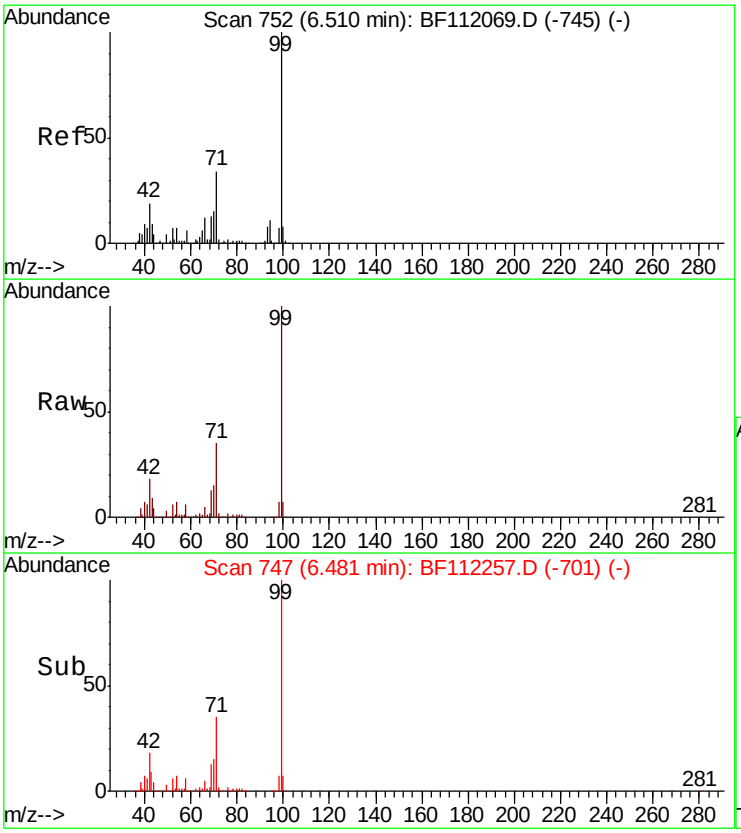
#6
Aniline
Concen: 0.015 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 93 Resp: 312

Ion	Ratio	Lower	Upper
93	100		
66	7598.2	43.4	65.2#
65	1717.5	25.3	37.9#

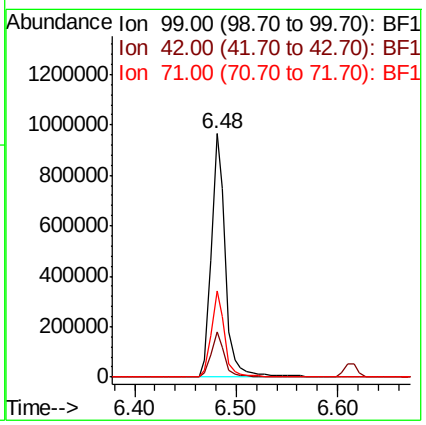


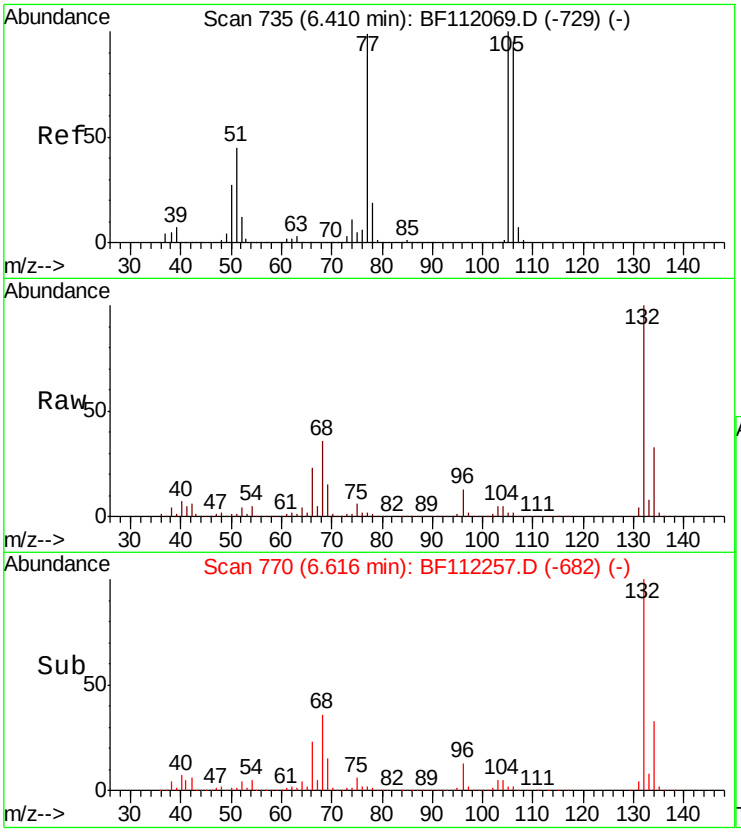


#7
Phenol-d6
Concen: 54.650 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 99 Resp: 934312

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	35.1	26.9	40.3



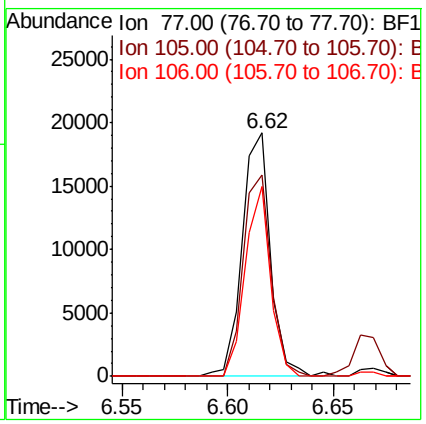


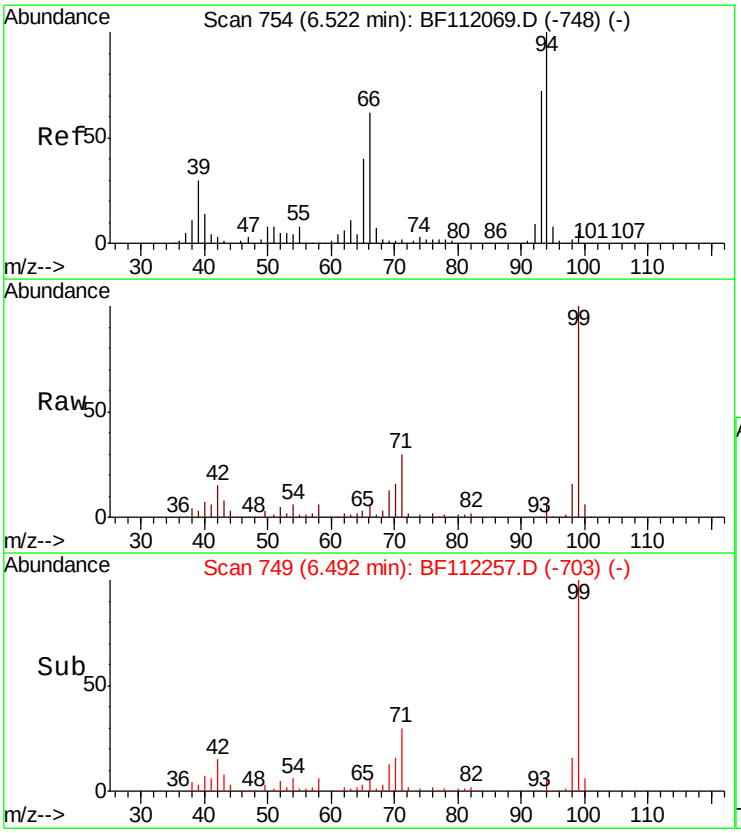
#9
Benzaldehyde
Concen: 2.002 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 77 Resp: 17893

Ion	Ratio	Lower	Upper
77	100		
105	82.5	80.8	120.8
106	77.7	75.7	115.7

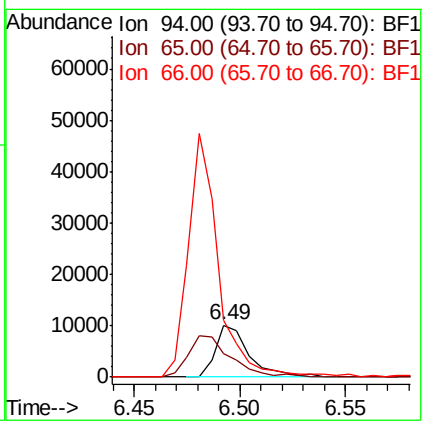


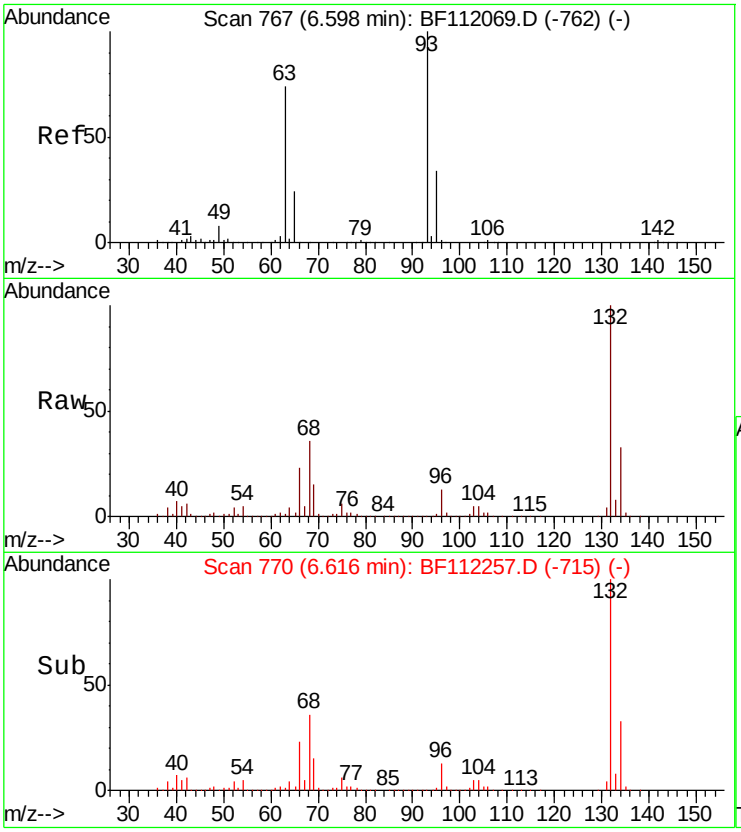


#10
Phenol
Concen: 0.588 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 94 Resp: 11024

Ion	Ratio	Lower	Upper
94	100		
65	44.7	20.3	60.3
66	110.6	42.4	82.4#



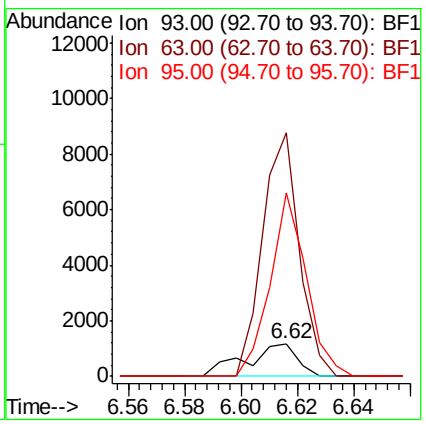


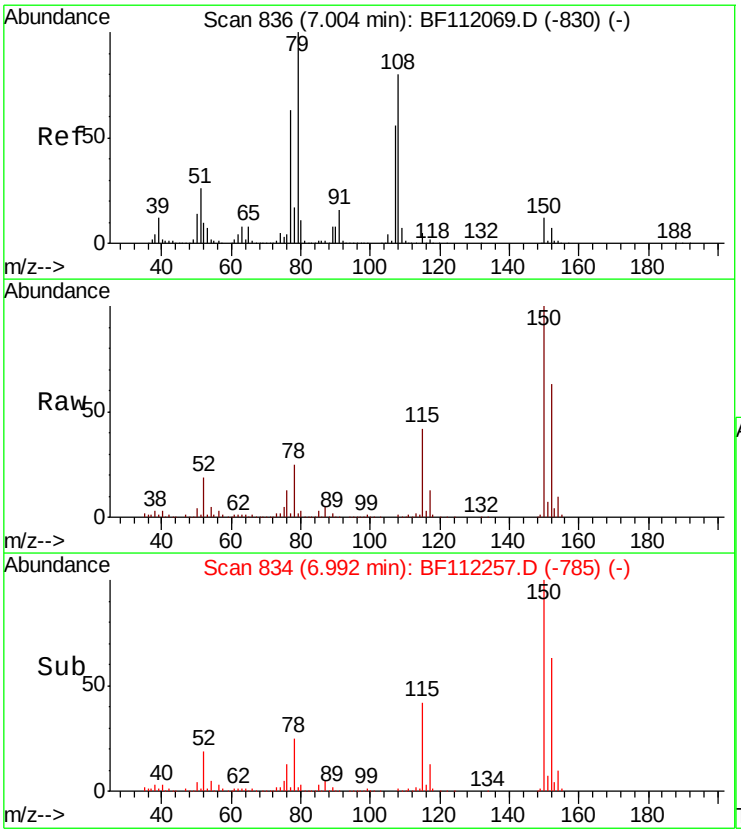
#11
bis(2-Chloroethyl)ether
Concen: 0.100 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 93 Resp: 1480

Ion	Ratio	Lower	Upper
93	100		
63	748.4	53.3	93.3#
95	563.7	13.4	53.4#

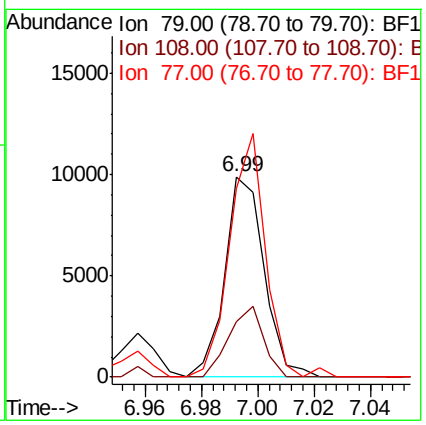


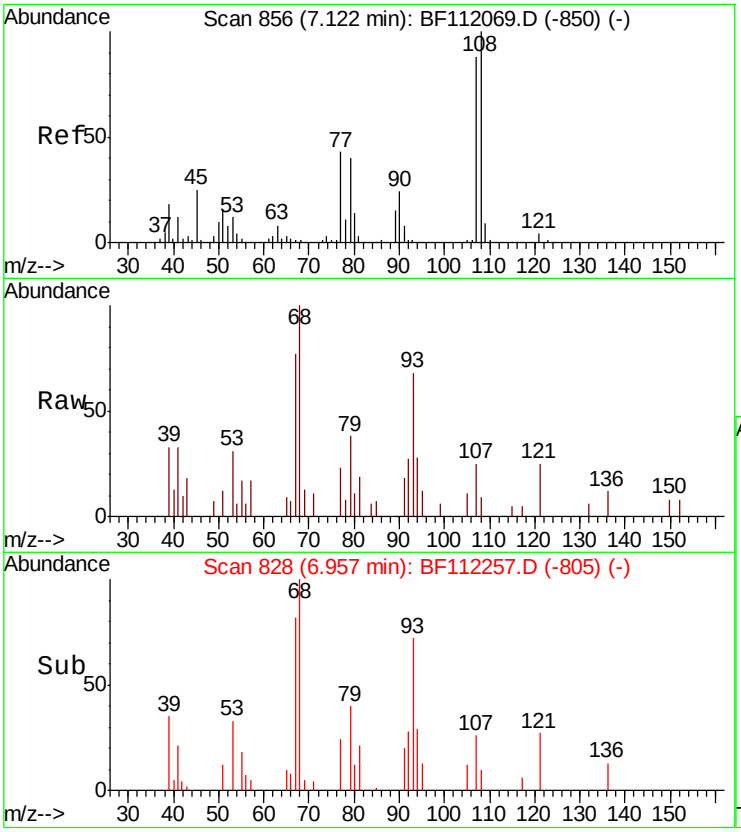


#15
Benzyl Alcohol
Concen: 0.666 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 79 Resp: 9598

Ion	Ratio	Lower	Upper
79	100		
108	27.6	64.2	96.2#
77	93.8	50.3	75.5#



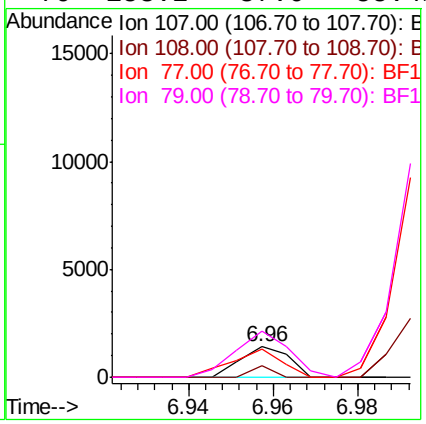


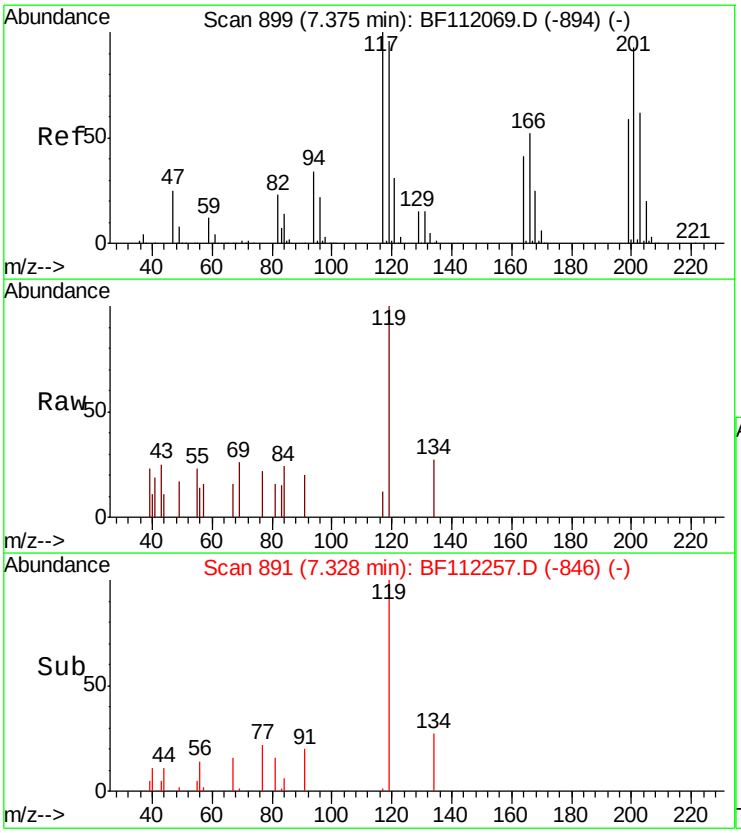
#17
2-Methylphenol
Concen: 0.085 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.16 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:107 Resp: 1117

Ion	Ratio	Lower	Upper
107	100		
108	37.5	91.3	136.9#
77	92.6	39.0	58.6#
79	153.2	37.0	55.4#

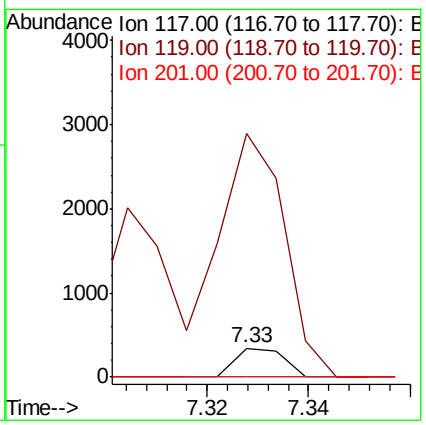


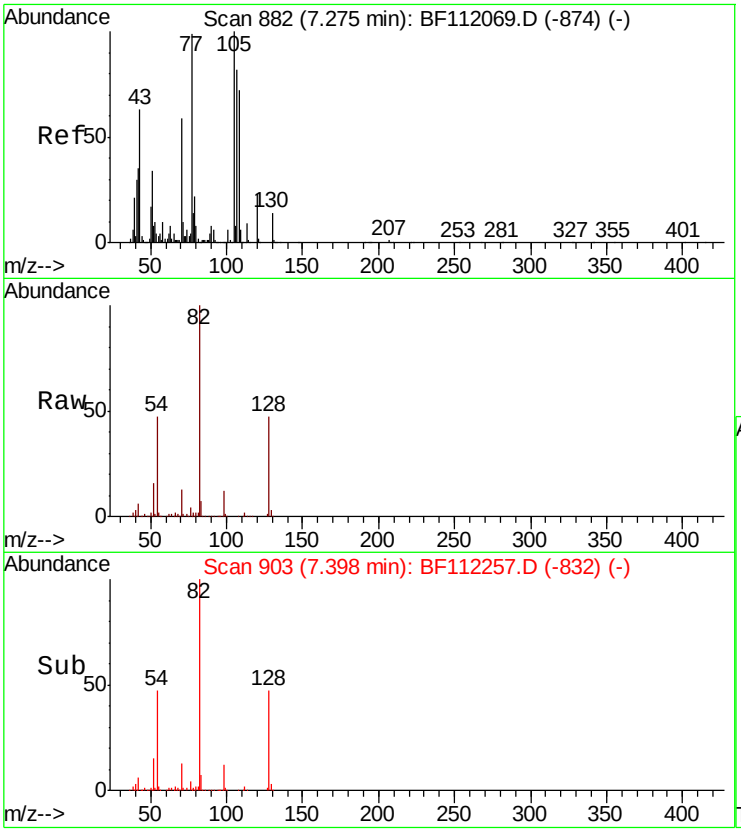


#18
Hexachloroethane
Concen: 0.033 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:117 Resp: 228

Ion	Ratio	Lower	Upper
117	100		
119	848.4	77.0	115.4#
201	0.0	74.1	111.1#



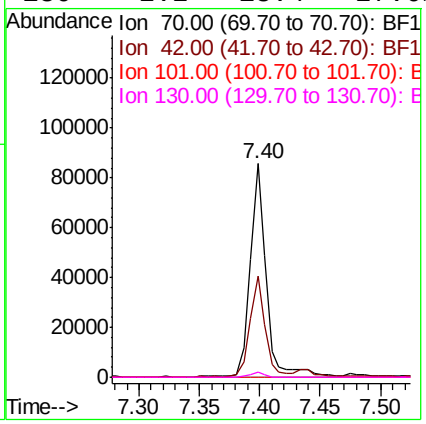


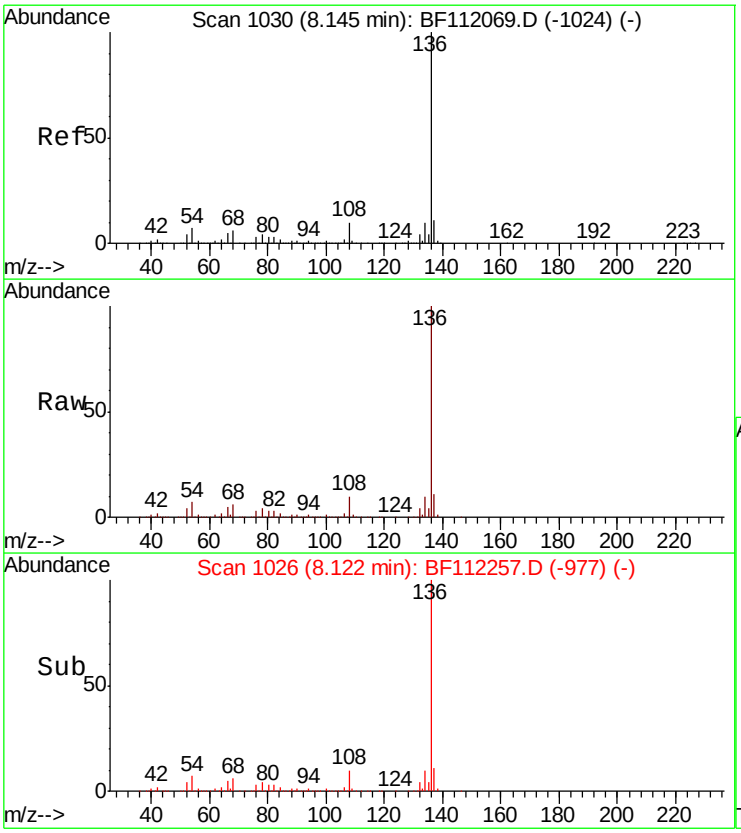
#19
n-Nitroso-di-n-propylamine
Concen: 6.849 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 70 Resp: 80734

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

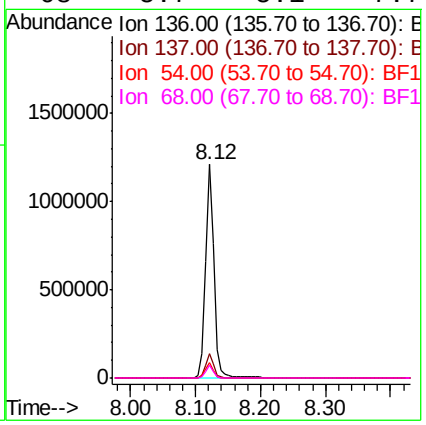


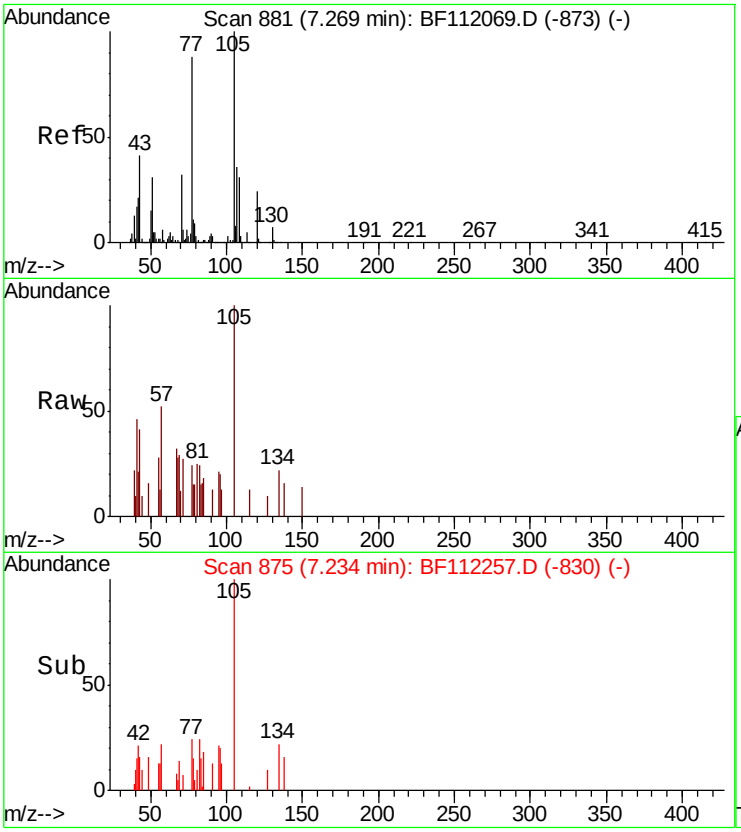


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:136 Resp: 1101147

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.1	5.9	8.9
68	5.7	5.1	7.7



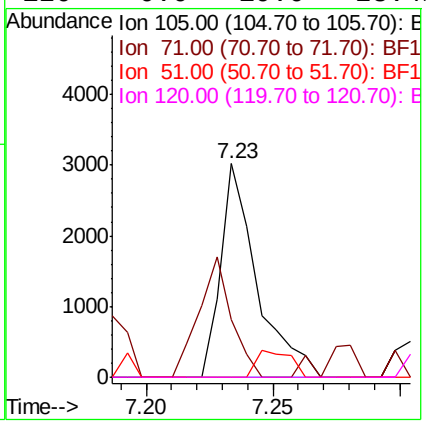


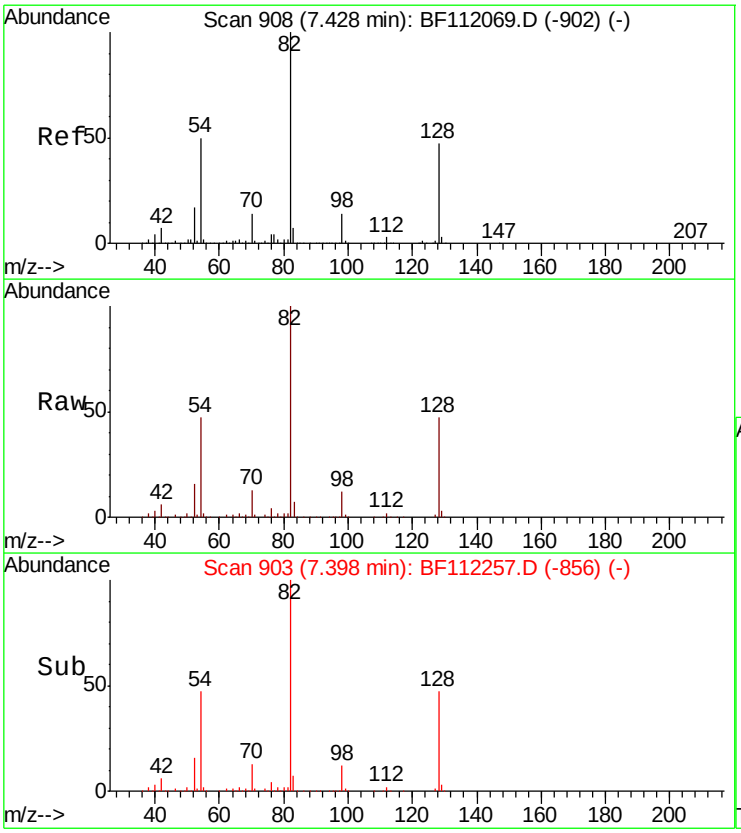
#22
Acetophenone
Concen: 0.112 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:105 Resp: 3006

Ion	Ratio	Lower	Upper
105	100		
71	27.0	4.6	6.8#
51	0.0	25.0	37.6#
120	0.0	19.0	28.4#

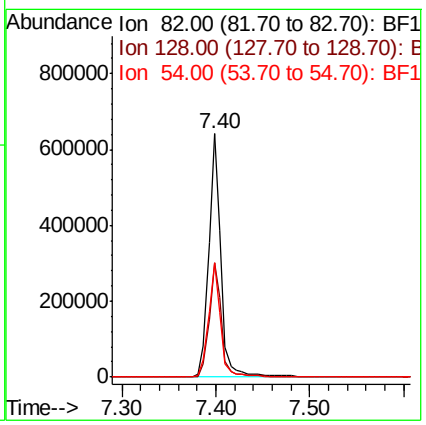


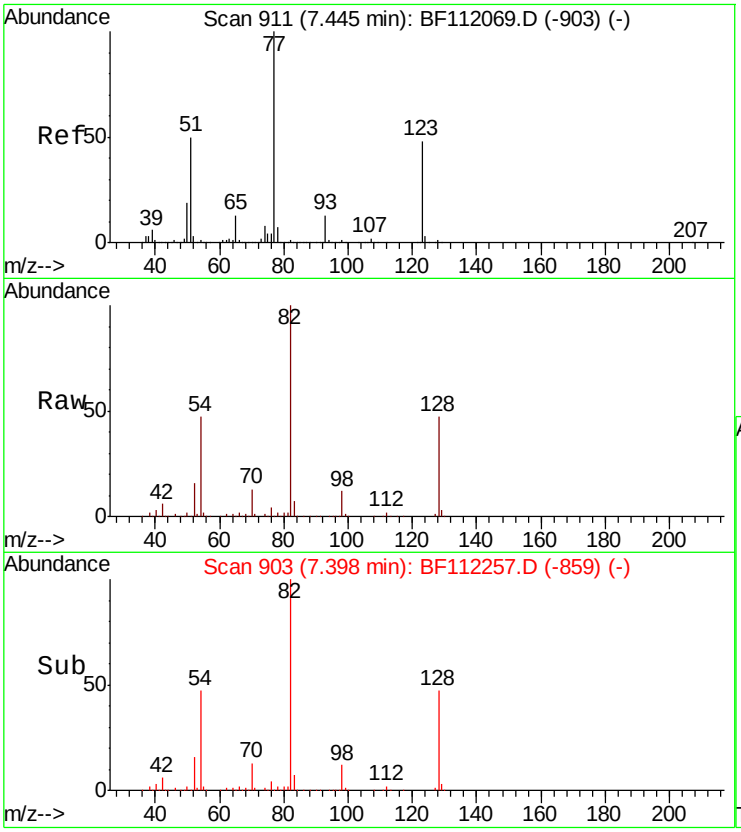


#23
Nitrobenzene-d5
Concen: 30.872 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 82 Resp: 589983

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	46.9	39.7	59.5



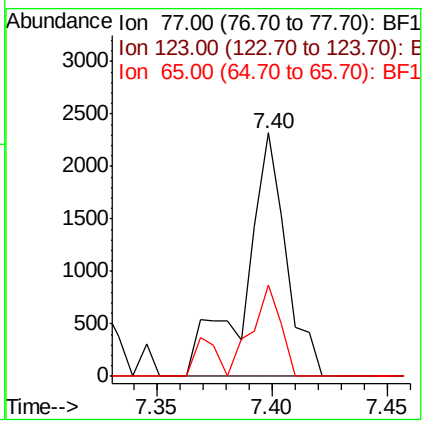


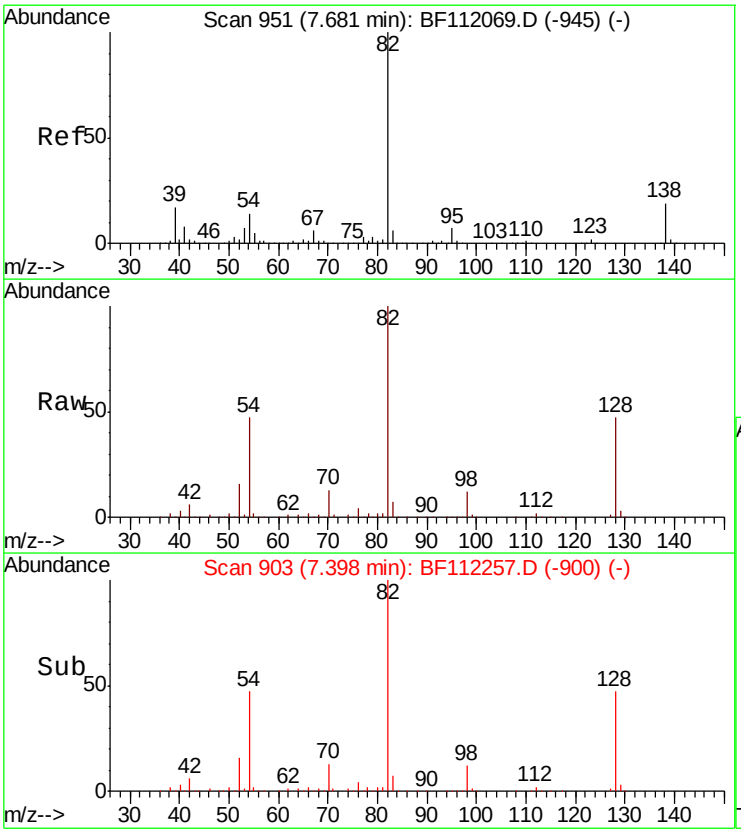
#24
Nitrobenzene
Concen: 0.150 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 77 Resp: 2868

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	37.4	10.6	15.8#

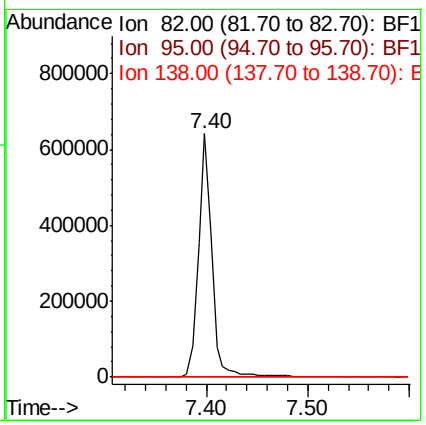


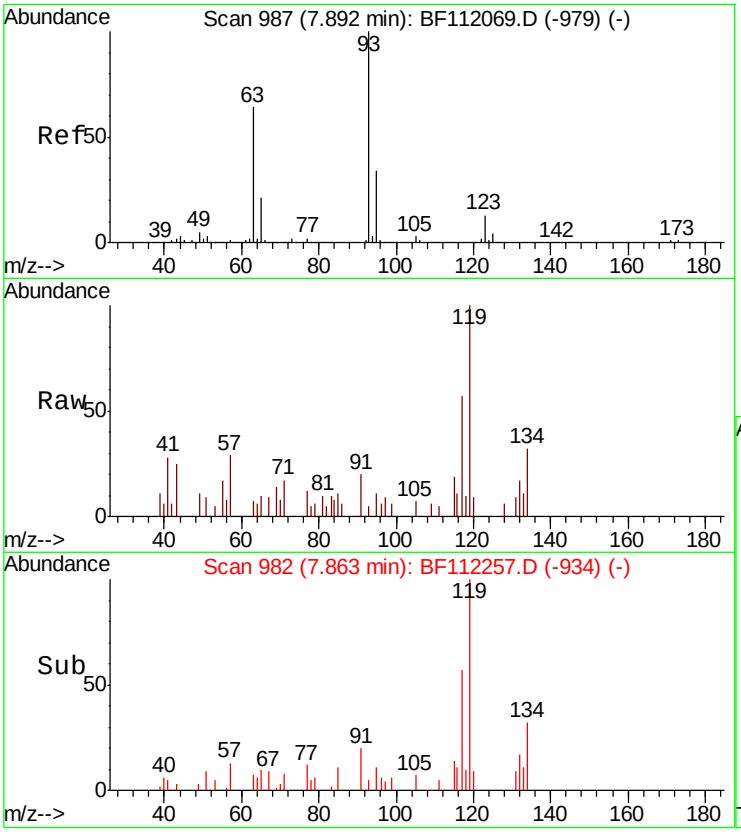


#25
Isophorone
Concen: 19.213 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 82 Resp: 576001

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



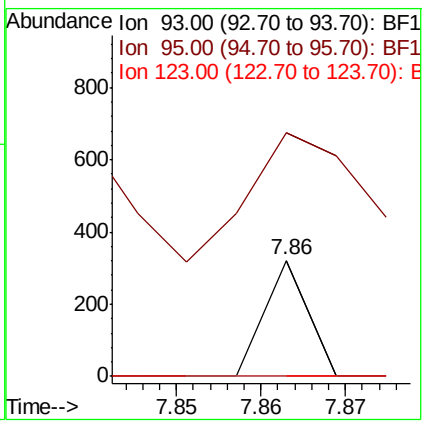


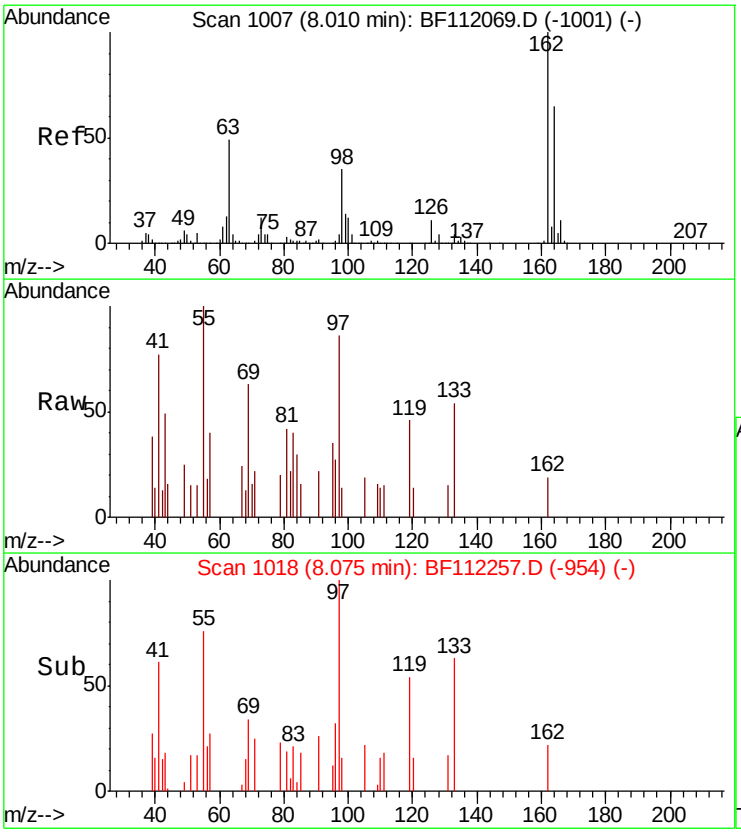
#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion: 93 Resp: 113

Ion	Ratio	Lower	Upper
93	100		
95	210.0	26.8	40.2#
123	0.0	10.2	15.2#

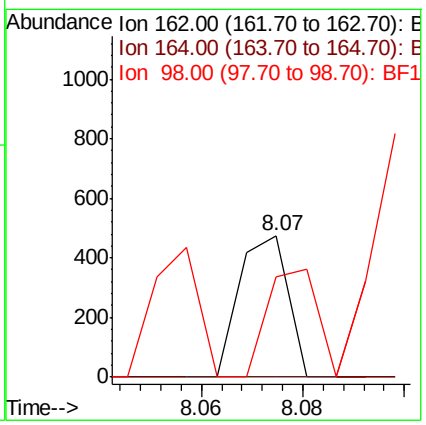


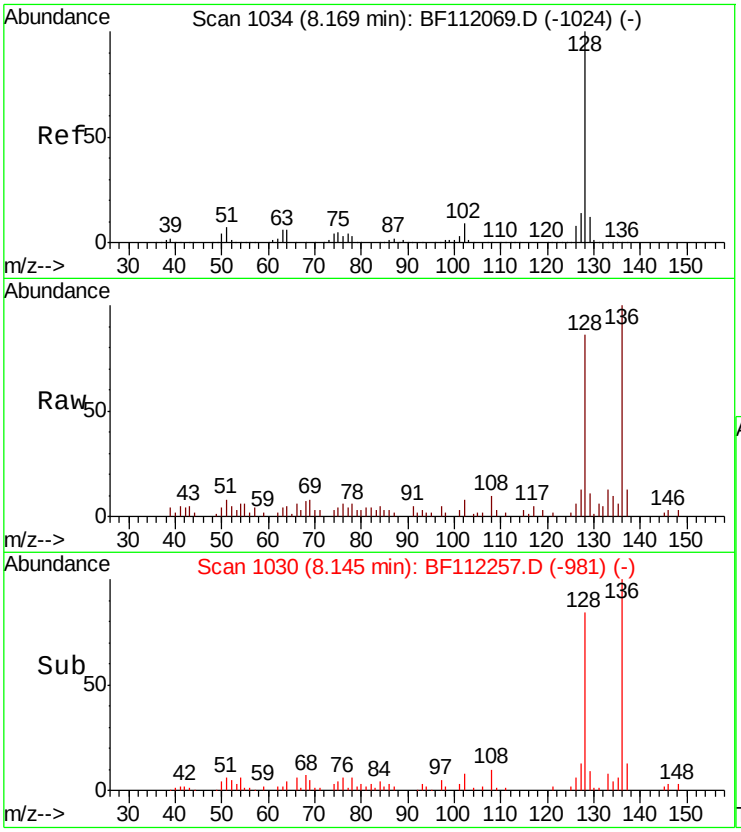


#29
2,4-Dichlorophenol
Concen: 0.020 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.08 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:162 Resp: 315

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	70.7	14.6	54.6#



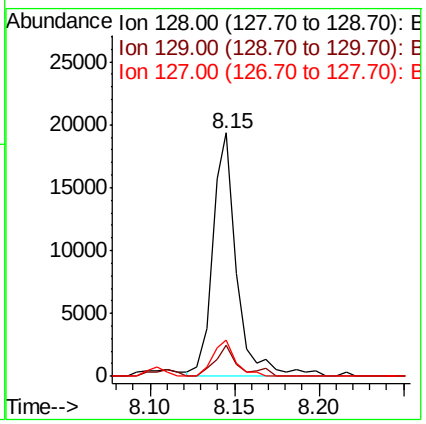


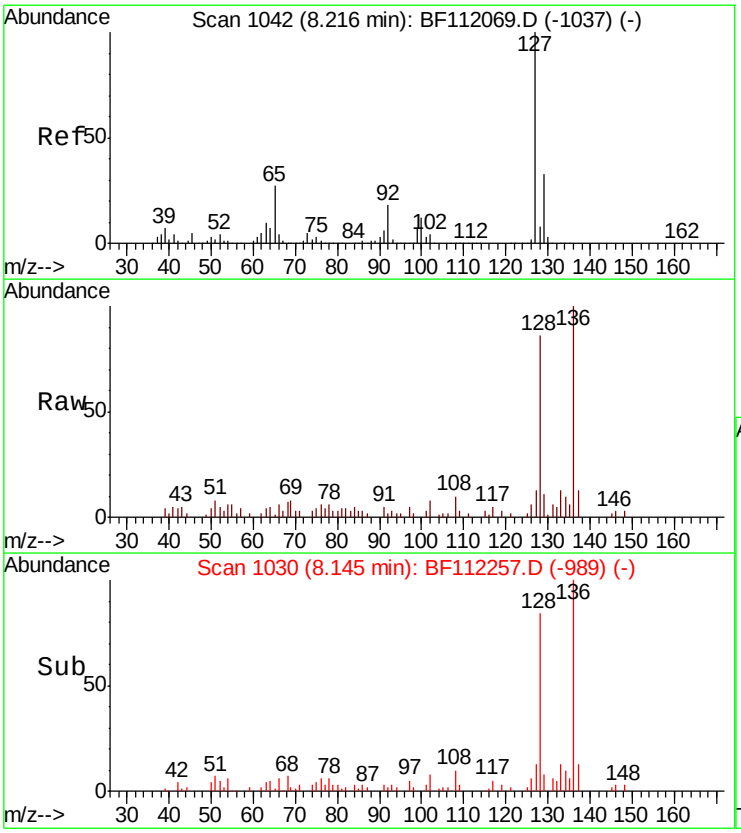
#31
Naphthalene
Concen: 0.373 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:128 Resp: 19209

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.6	14.4
127	15.1	11.1	16.7

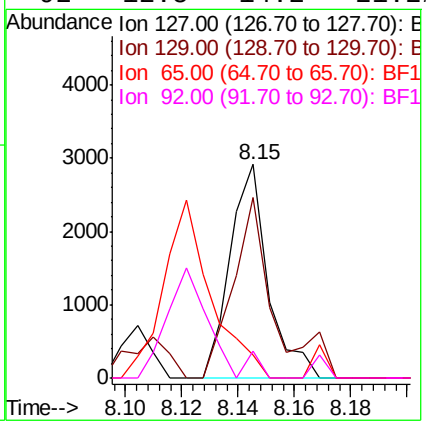


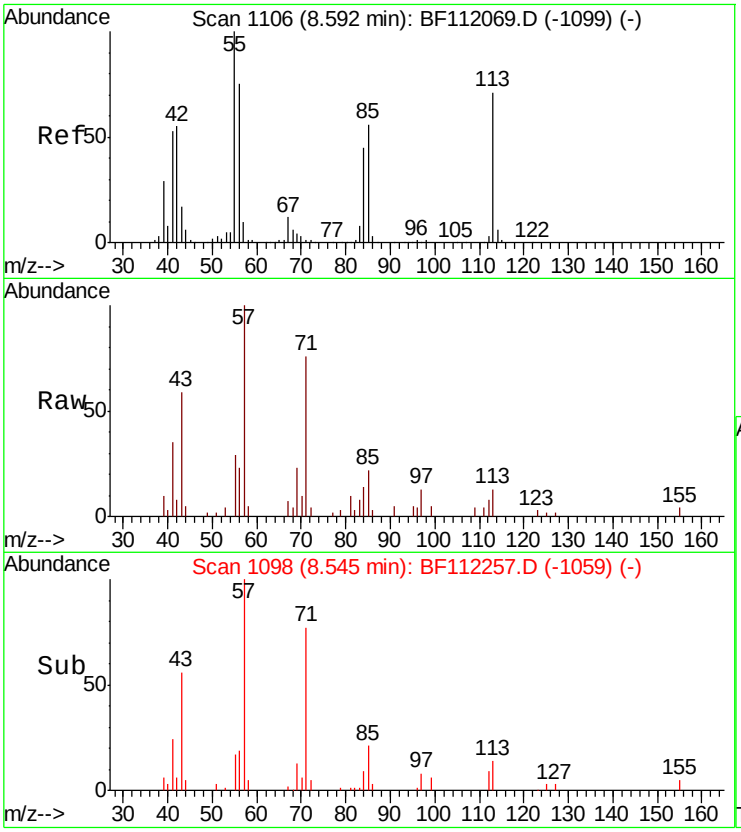


#33
4-Chloroaniline
Concen: 0.121 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:127 Resp: 2716

Ion	Ratio	Lower	Upper
127	100		
129	84.6	26.6	39.8#
65	11.0	21.4	32.2#
92	12.5	14.2	21.2#



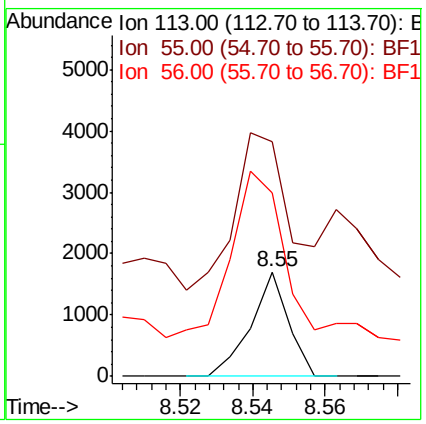


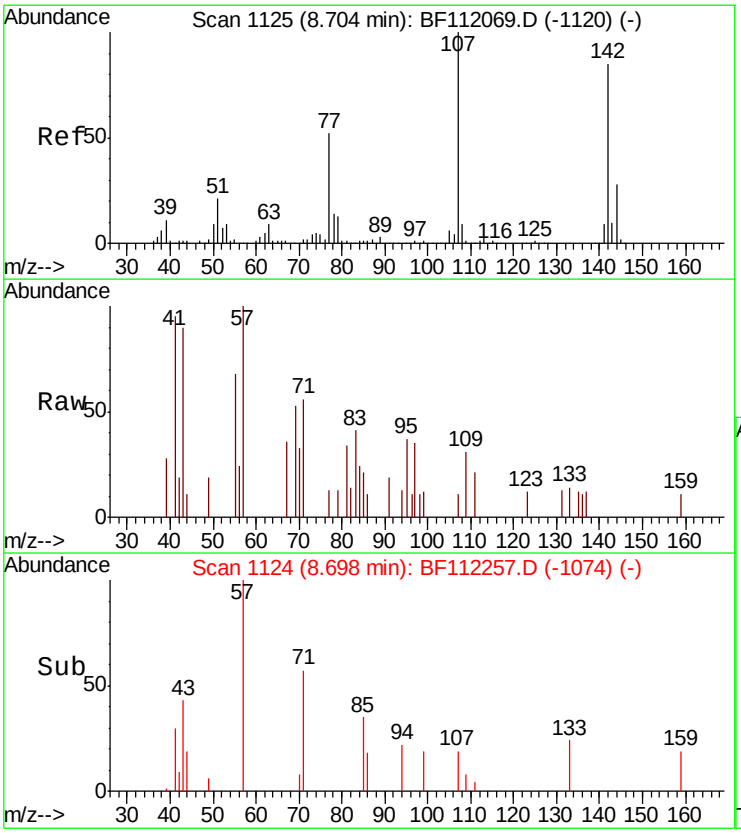
#35
Caprolactam
Concen: 0.222 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.07 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:113 Resp: 1234

Ion	Ratio	Lower	Upper
113	100		
55	225.1	121.6	161.6#
56	175.7	86.7	126.7#

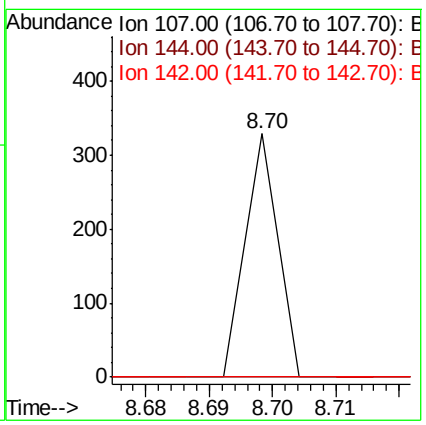


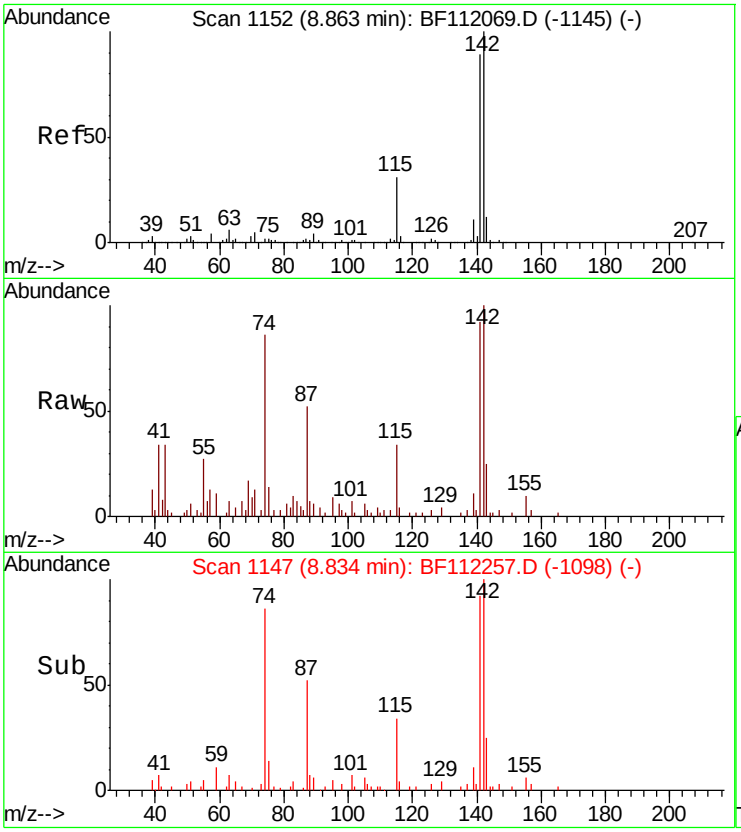


#36
4-Chloro-3-methylphenol
Concen: 0.007 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:107 Resp: 116

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.2	33.2#
142	0.0	67.7	101.5#



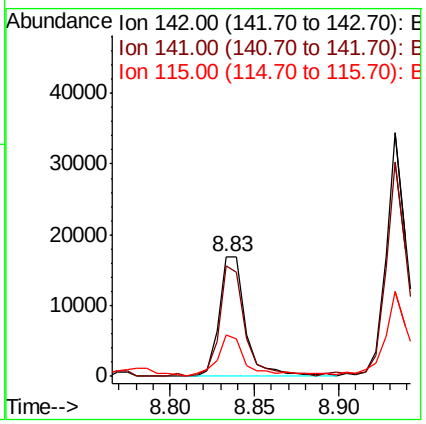


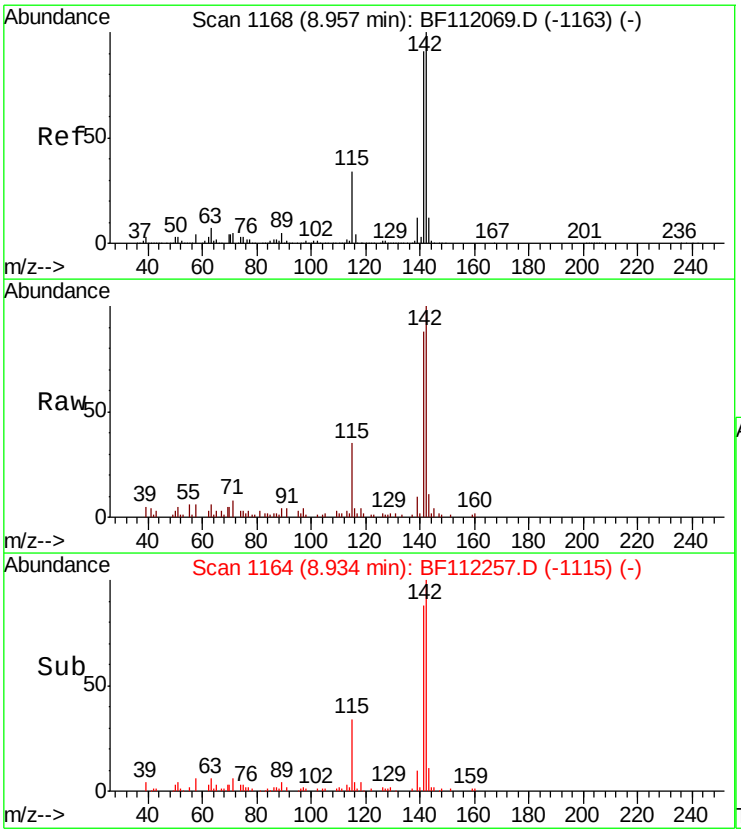
#37
2-Methylnaphthalene
Concen: 0.523 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:142 Resp: 18442

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.9	106.3
115	34.3	24.9	37.3

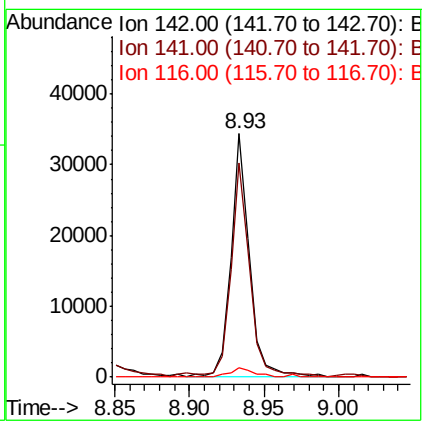


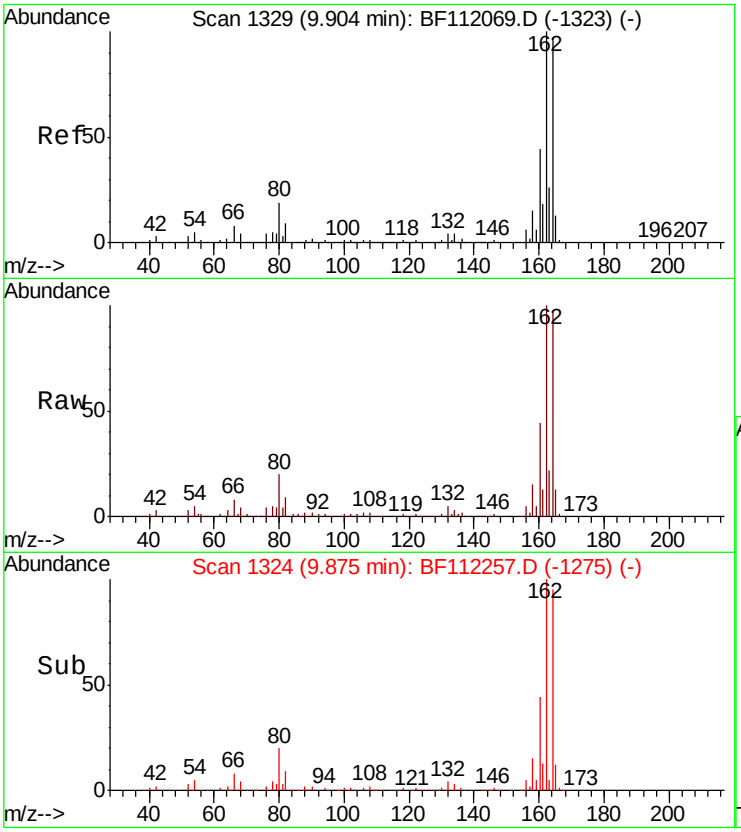


#38
1-Methylnaphthalene
Concen: 0.899 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:142 Resp: 30372

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.6	108.8
116	3.7	2.8	4.2



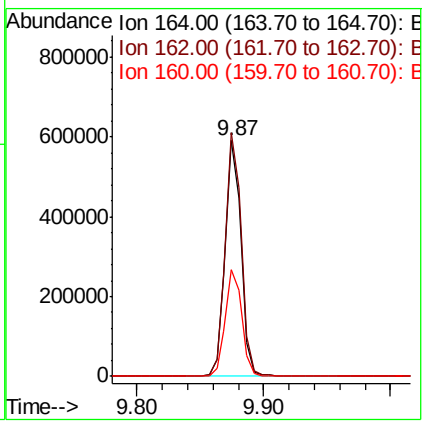


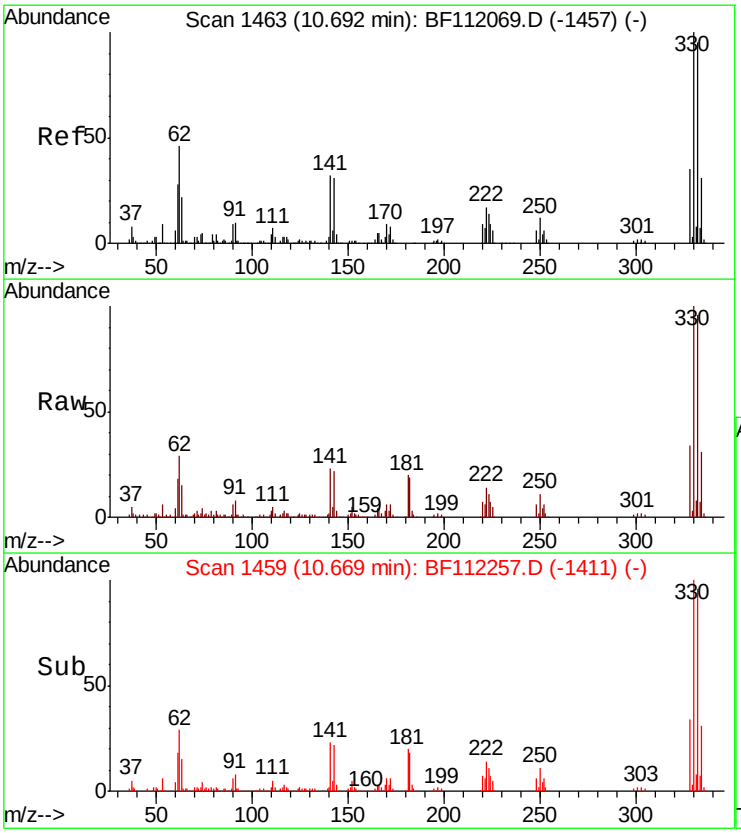
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:164 Resp: 509776

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	45.5	36.2	54.4

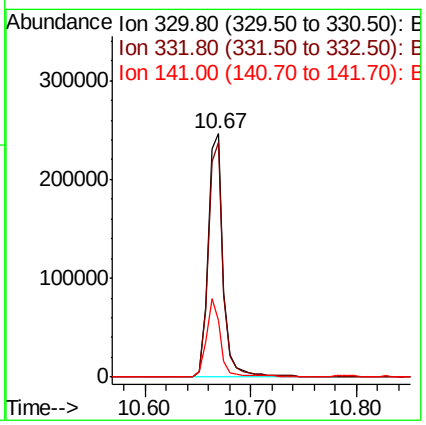


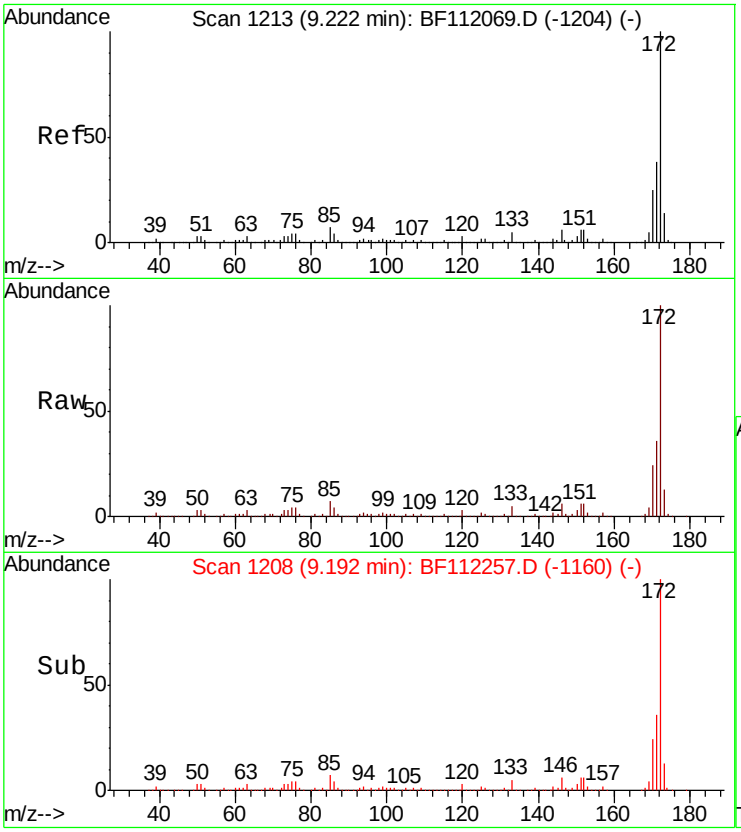


#42
2,4,6-Tribromophenol
Concen: 41.710 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:330 Resp: 247494

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	29.4	24.3	36.5



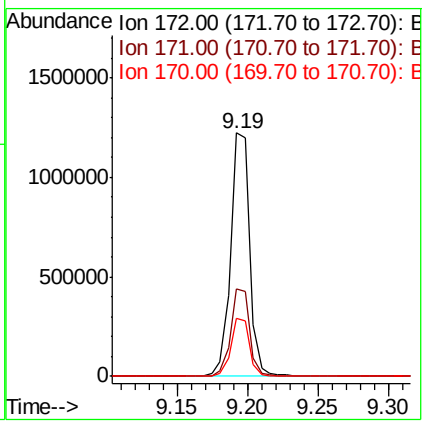


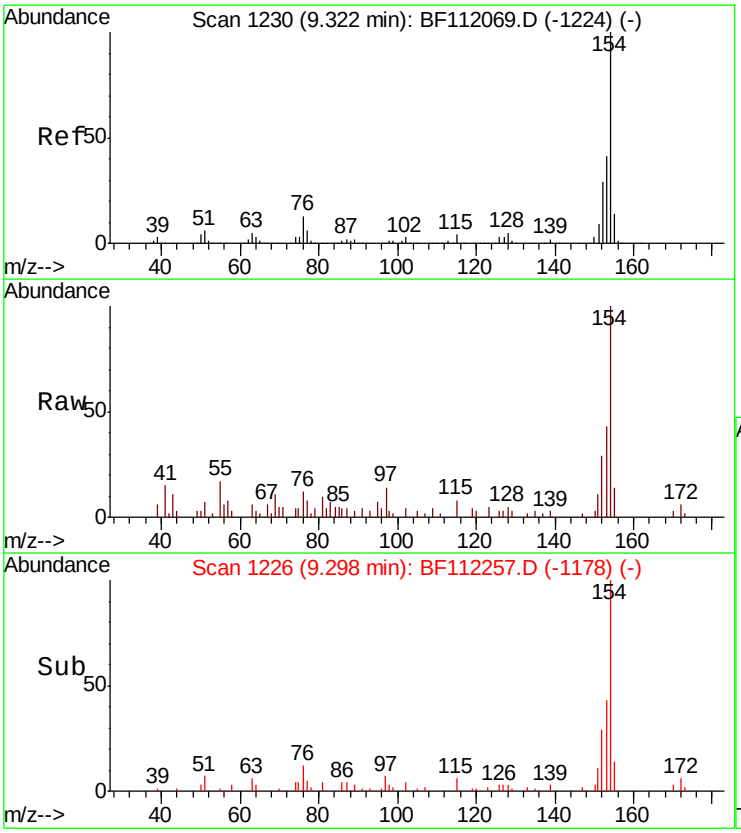
#45
2-Fluorobiphenyl
Concen: 32.094 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:172 Resp: 1156763

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.8	20.2	30.4

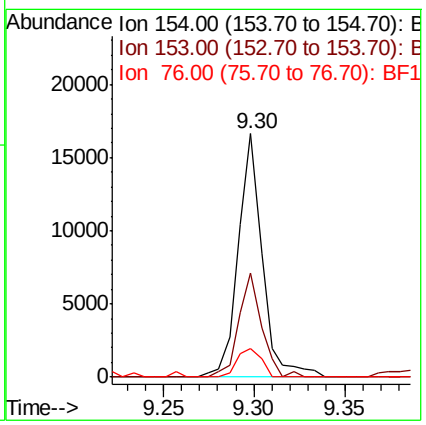


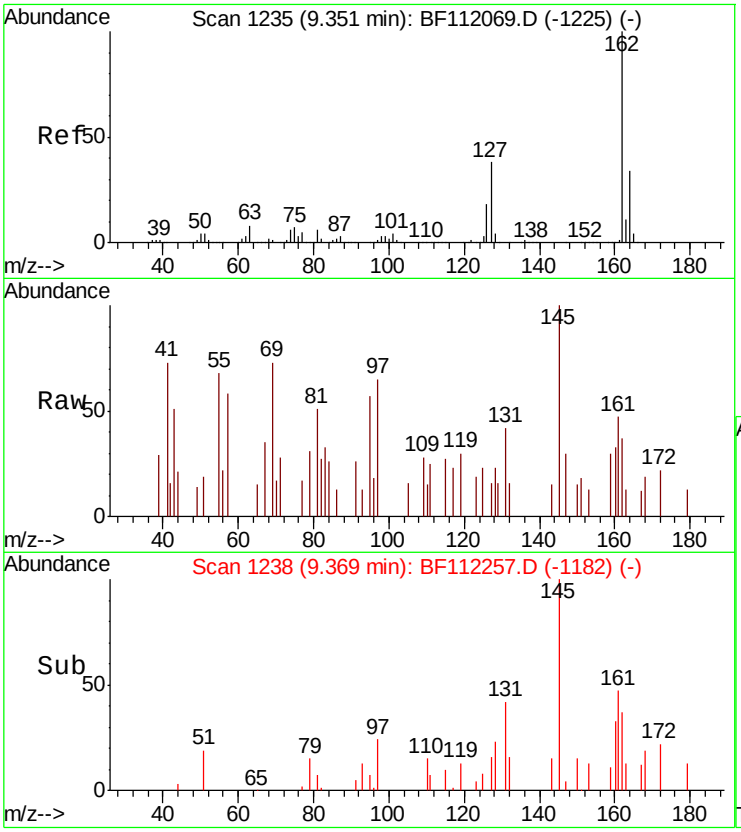


#46
1,1'-Biphenyl
Concen: 0.346 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:154 Resp: 15400

Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.5	61.5
76	11.9	0.0	33.1



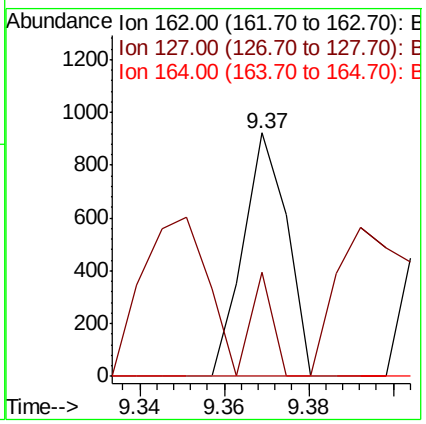


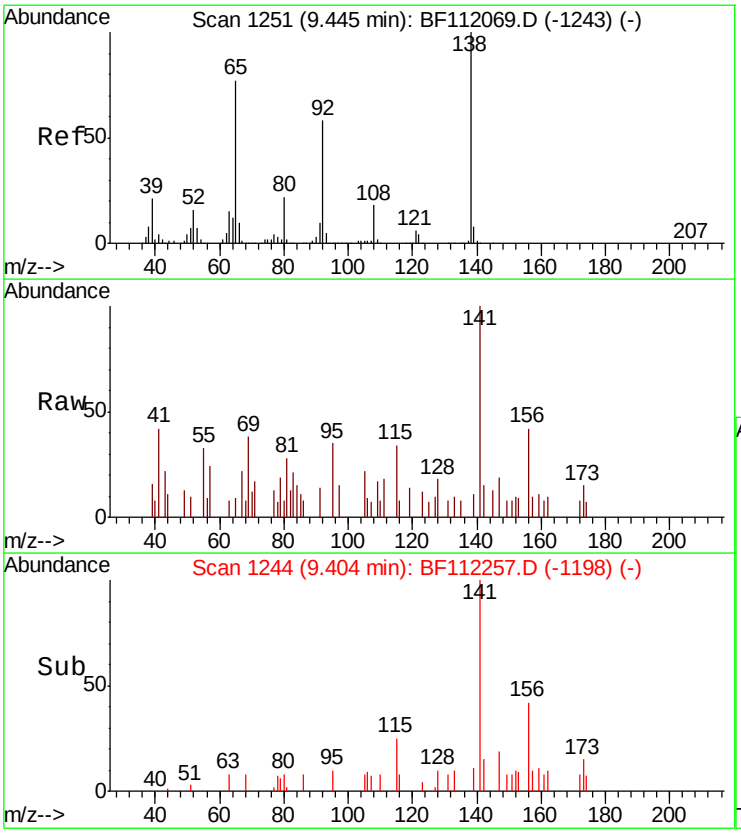
#47
2-Chloronaphthalene
Concen: 0.019 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.03 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:162 Resp: 665

Ion	Ratio	Lower	Upper
162	100		
127	42.7	30.4	45.6
164	0.0	27.4	41.2#

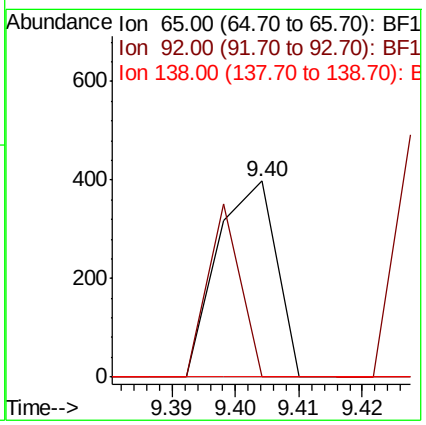


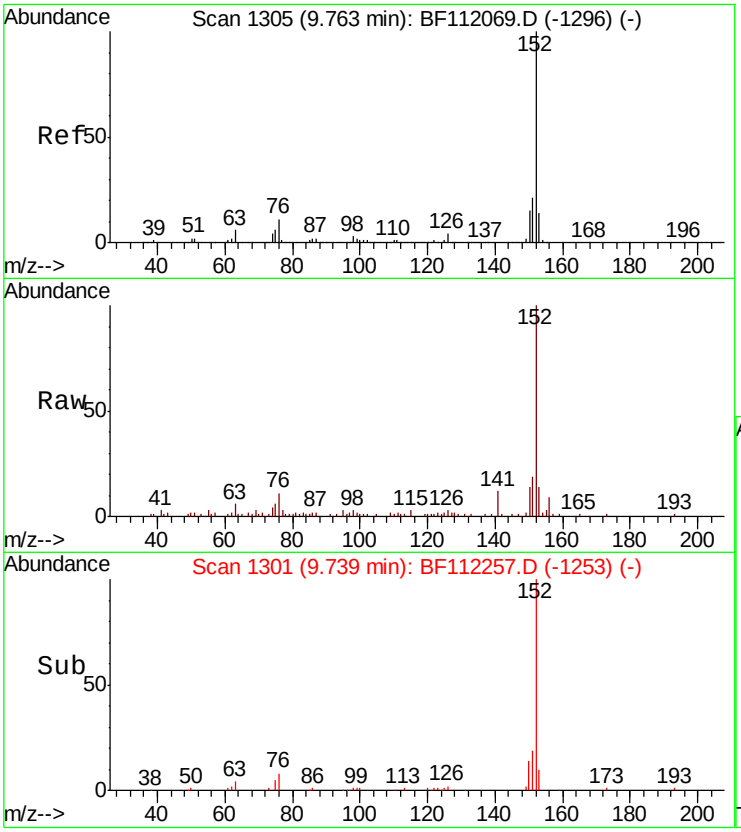


#48
2-Nitroaniline
Concen: 0.027 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 65 Resp: 253

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



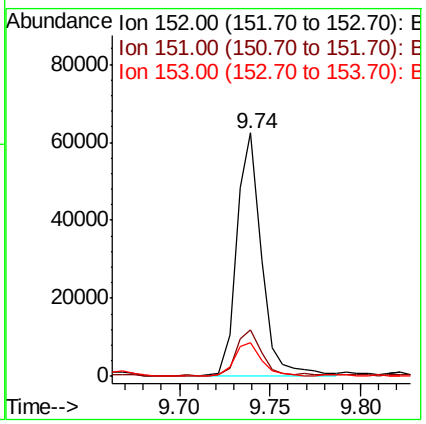


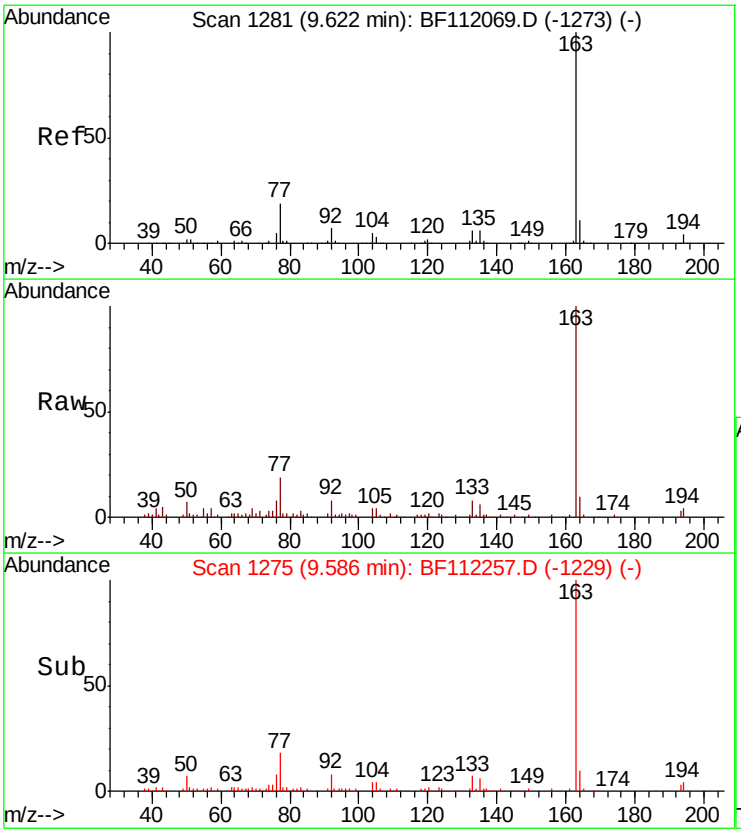
#49
Acenaphthylene
Concen: 1.181 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:152 Resp: 59840

Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.0	25.6
153	14.1	11.2	16.8

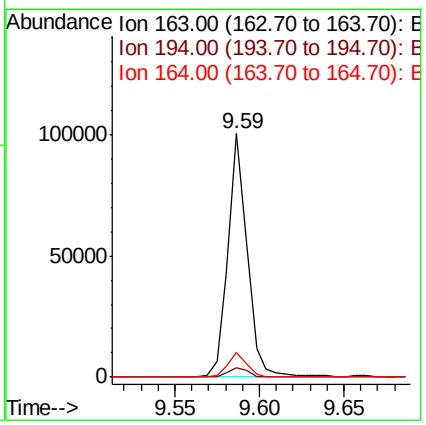


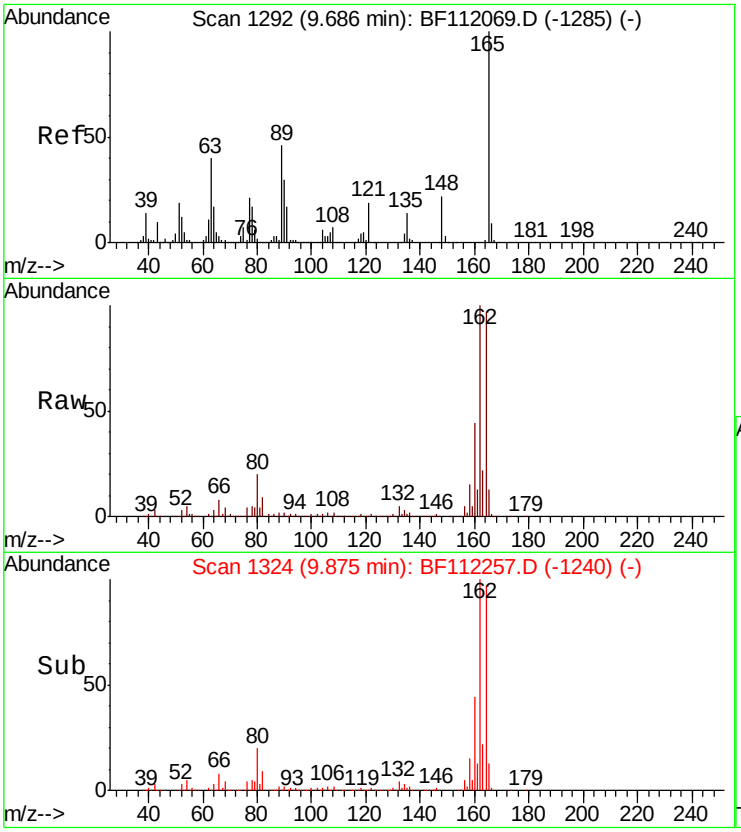


#50
Dimethylphthalate
Concen: 2.016 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:163 Resp: 79851

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.5	12.7



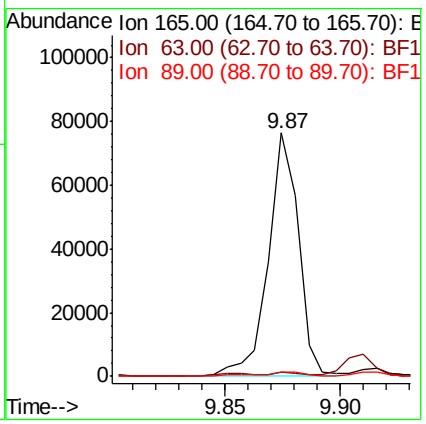


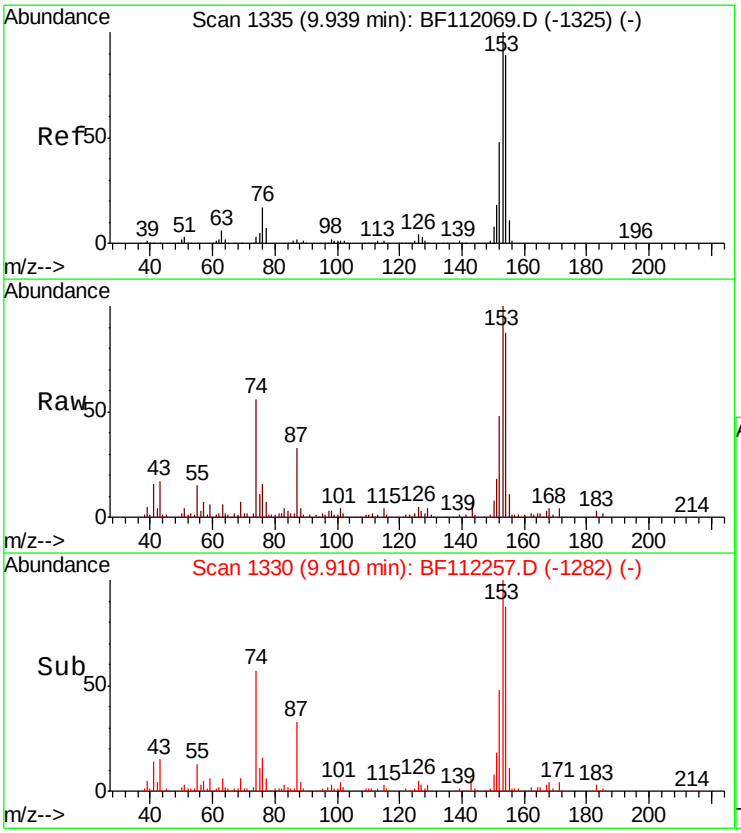
#51
2,6-Dinitrotoluene
Concen: 7.841 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:165 Resp: 69551

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.8#
89	1.6	36.9	55.3#

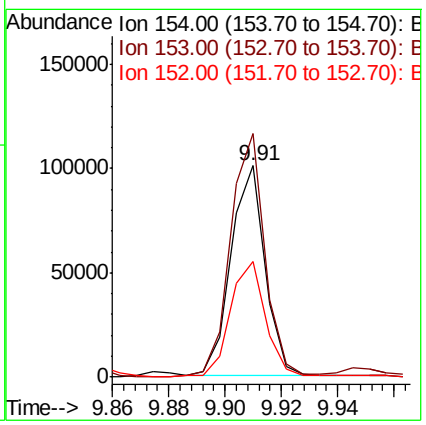


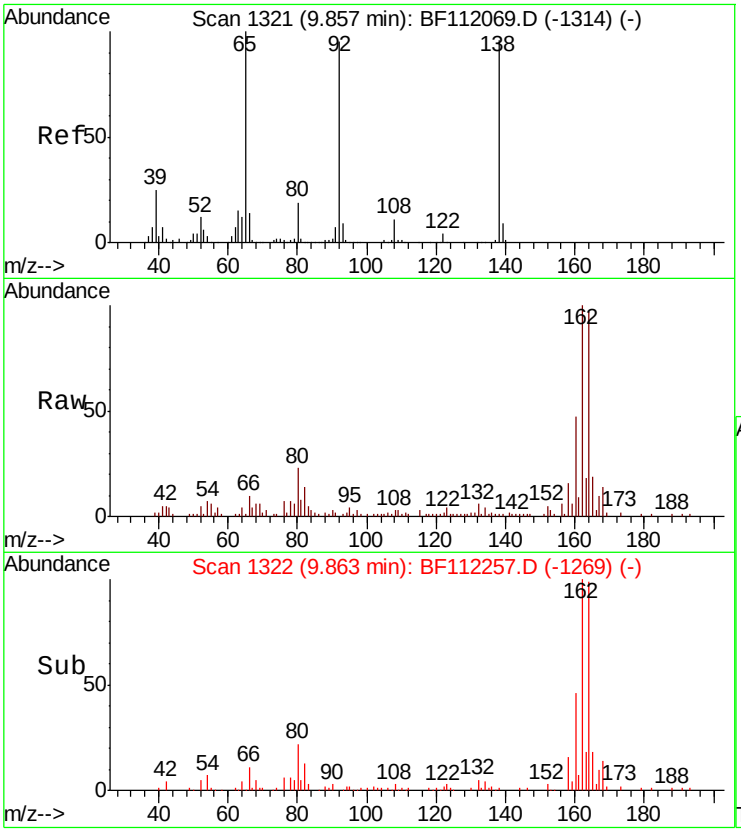


#52
Acenaphthene
Concen: 2.780 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:154 Resp: 84123

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.8	134.6
152	54.9	43.5	65.3



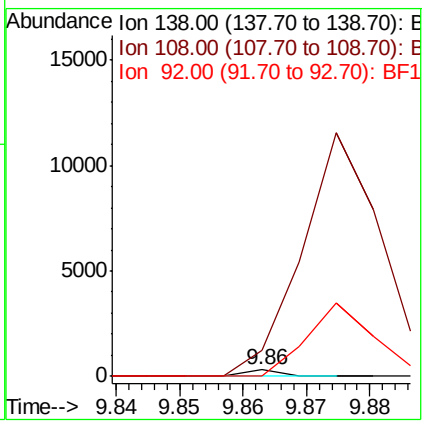


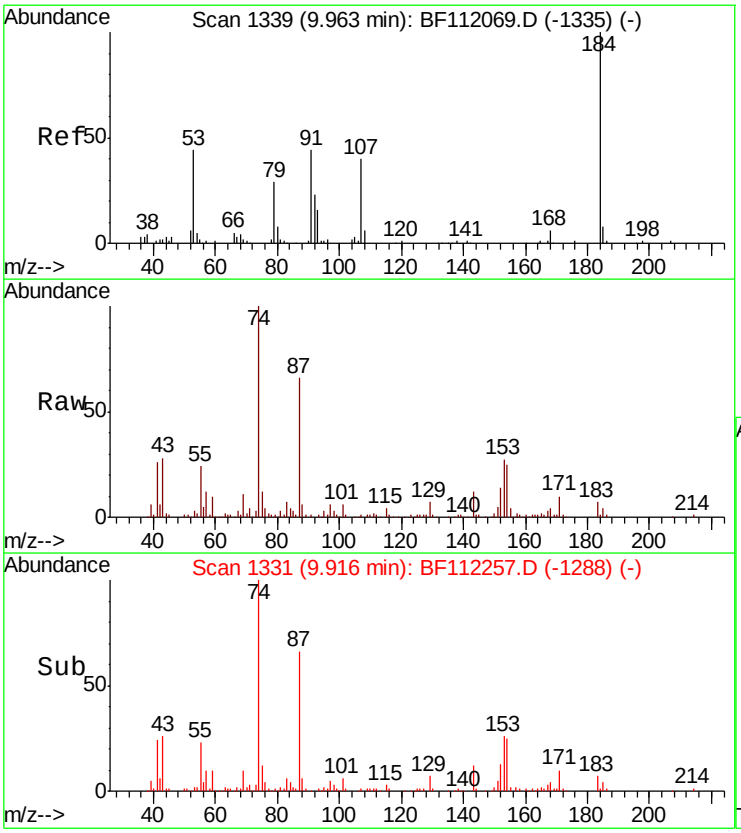
#53
3-Nitroaniline
Concen: 0.011 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:138 Resp: 106

Ion	Ratio	Lower	Upper
138	100		
108	405.3	9.8	14.6#
92	0.0	79.4	119.2#

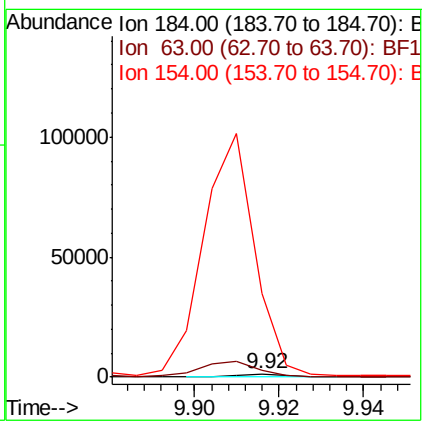


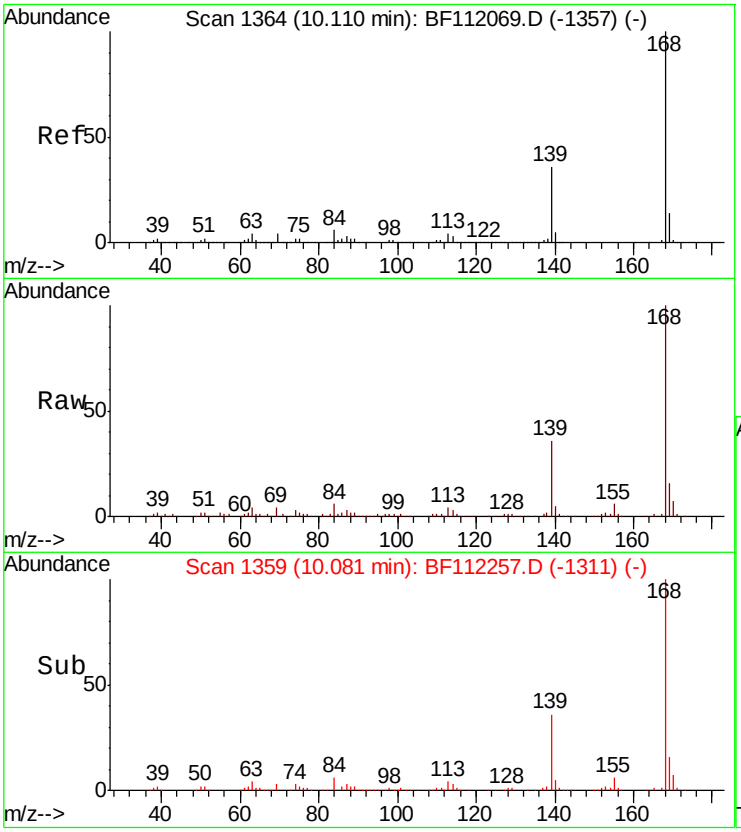


#54
2,4-Dinitrophenol
Concen: 0.338 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:184 Resp: 961

Ion	Ratio	Lower	Upper
184	100		
63	180.2	47.1	70.7#
154	2329.5	48.9	73.3#



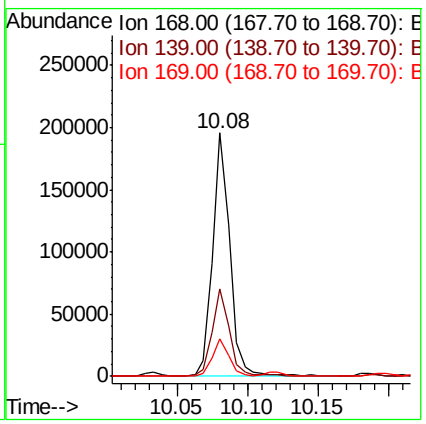


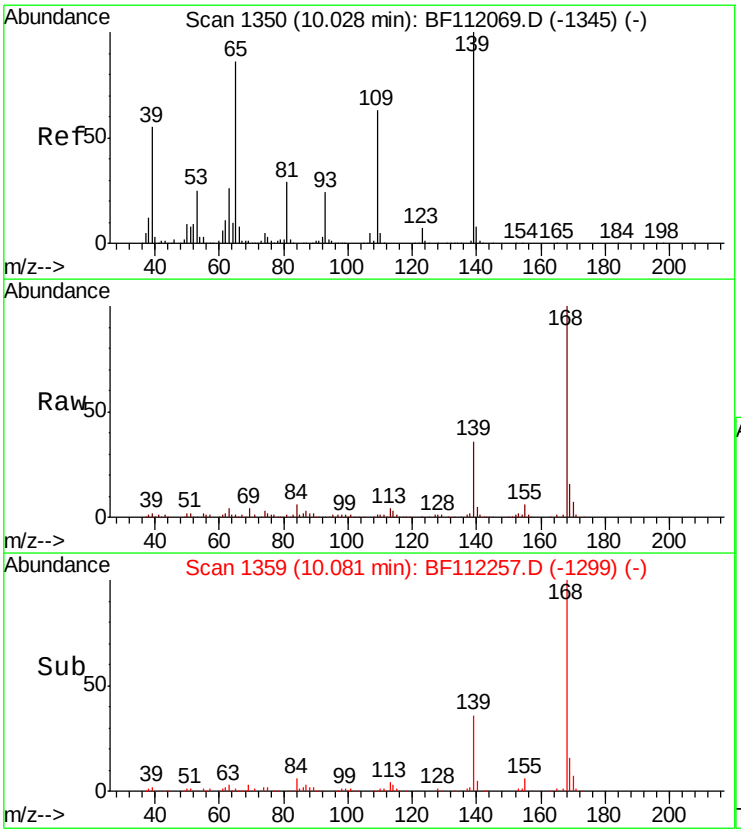
#55
Dibenzofuran
Concen: 3.600 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:168 Resp: 166466

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.2	43.8
169	15.6	11.4	17.0

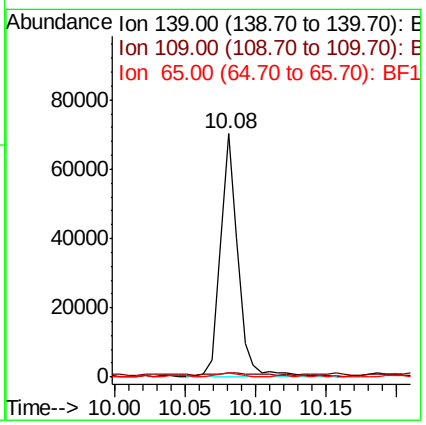


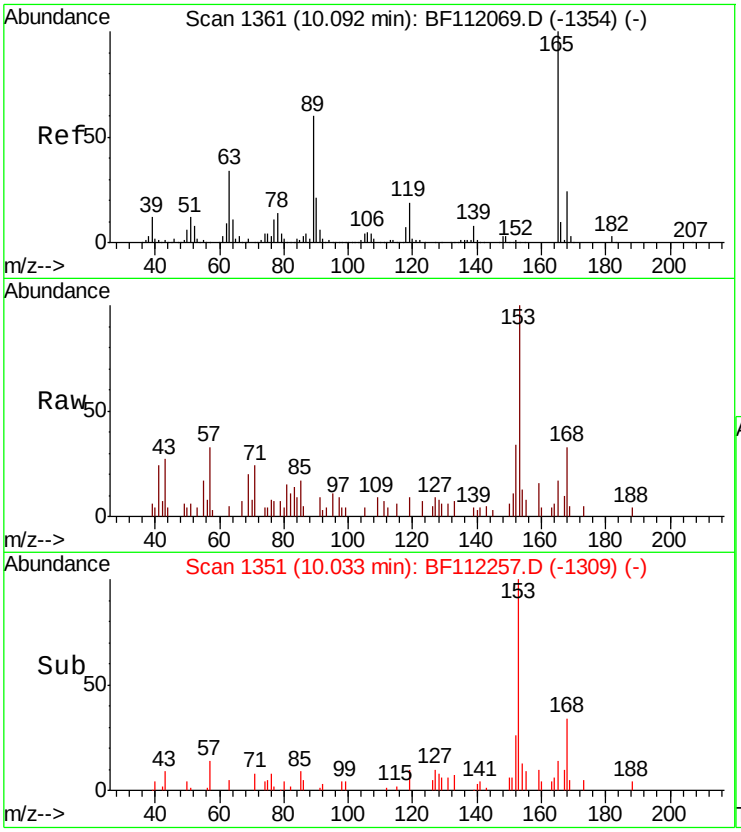


#56
4-Nitrophenol
Concen: 12.044 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.05 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:139 Resp: 61192

Ion	Ratio	Lower	Upper
139	100		
109	1.9	42.8	82.8#
65	1.9	66.1	106.1#



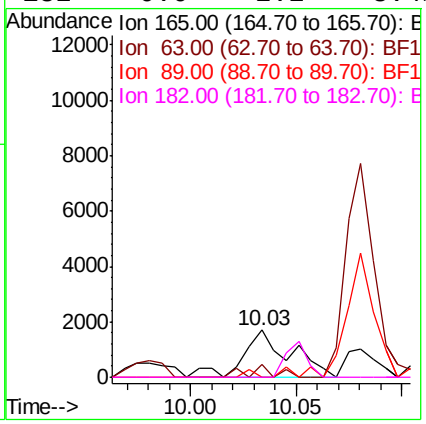


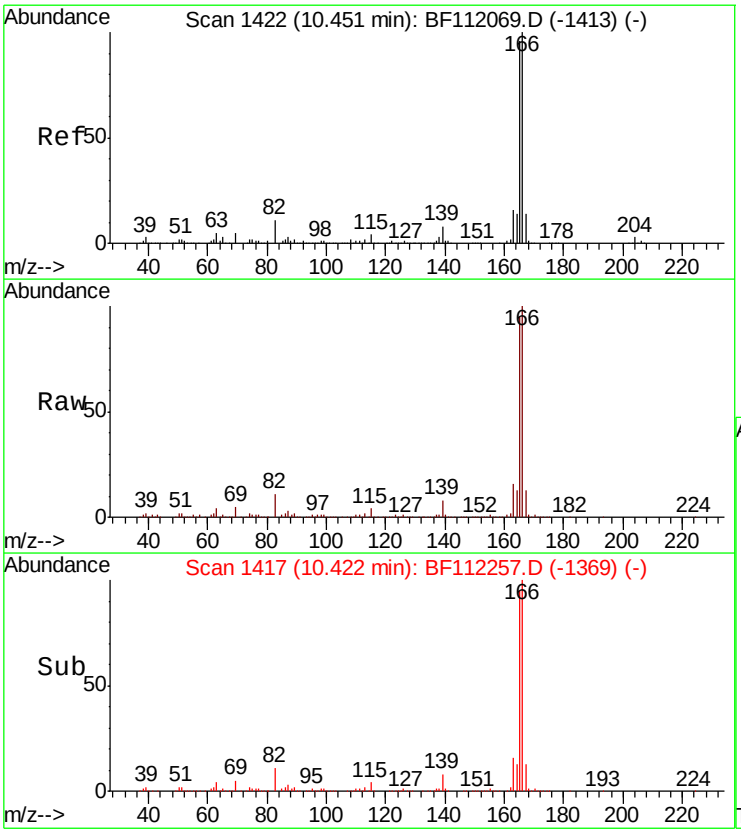
#57
2,4-Dinitrotoluene
Concen: 0.234 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.05 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:165 Resp: 2640

Ion	Ratio	Lower	Upper
165	100		
63	26.9	27.9	41.9#
89	0.0	47.9	71.9#
182	0.0	2.2	3.4#

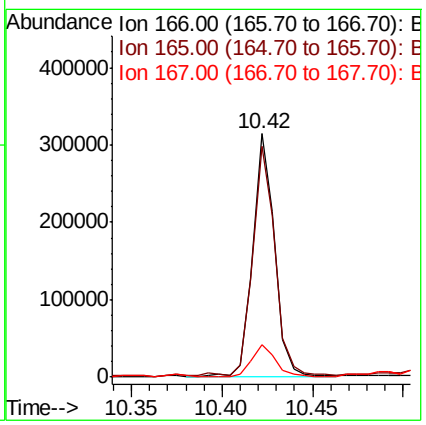


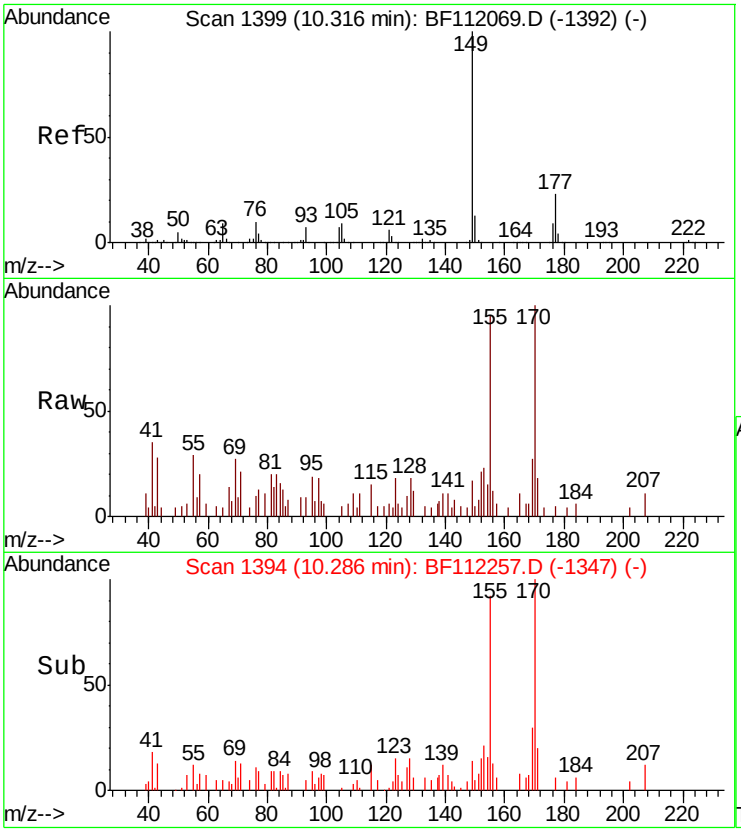


#58
Fluorene
Concen: 7.519 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:166 Resp: 260189

Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.1	115.7
167	13.5	11.3	16.9



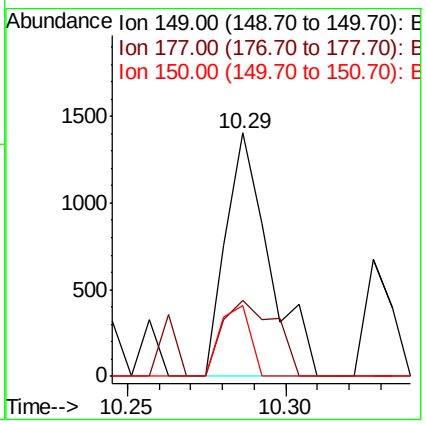


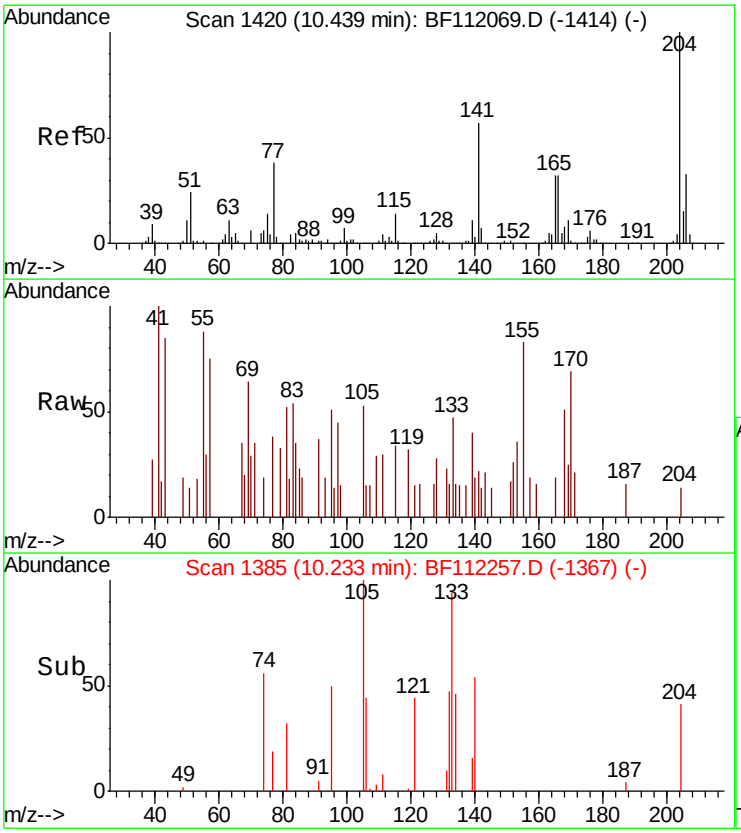
#60
Diethylphthalate
Concen: 0.034 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:149 Resp: 1331

Ion	Ratio	Lower	Upper
149	100		
177	31.3	18.2	27.2#
150	29.3	10.4	15.6#

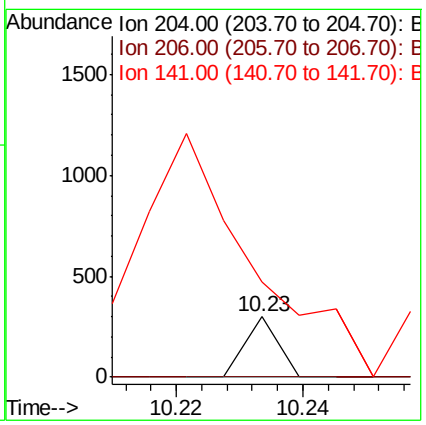


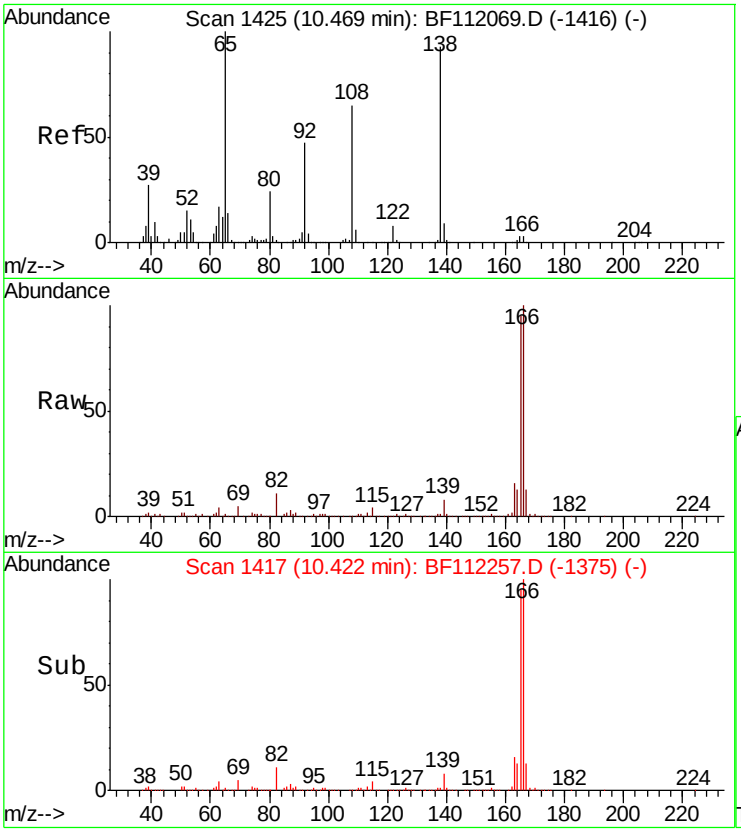


#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.19 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:204 Resp: 106

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	158.0	45.9	68.9#



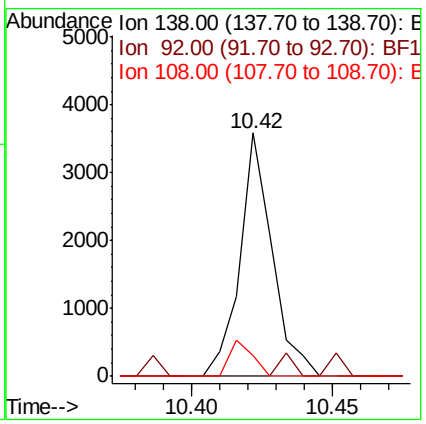


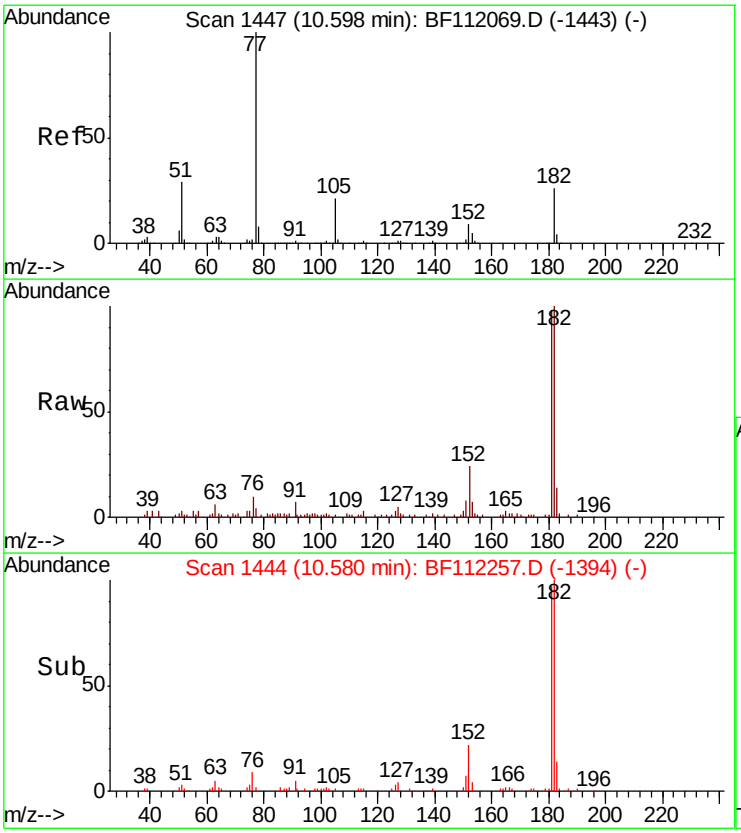
#62
4-Nitroaniline
Concen: 0.303 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.05 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:138 Resp: 2854

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.6	70.6#
108	8.4	50.0	90.0#

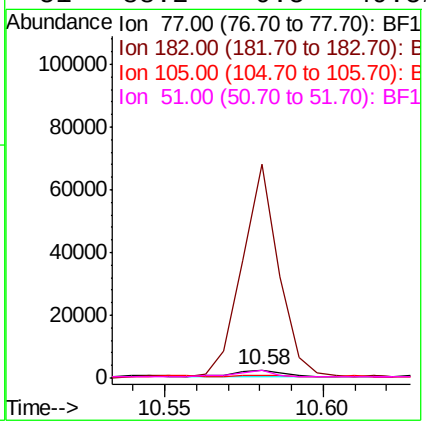


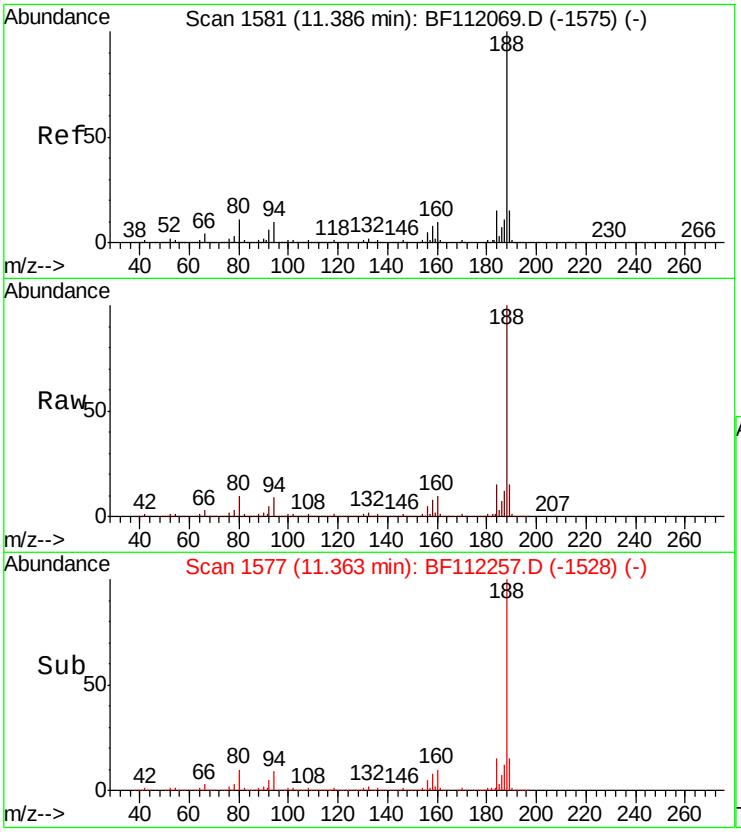


#63
Azobenzene
Concen: 0.061 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion: 77 Resp: 2117

Ion	Ratio	Lower	Upper
77	100		
182	2658.3	5.7	45.7#
105	33.8	1.4	41.4
51	88.2	9.5	49.5#



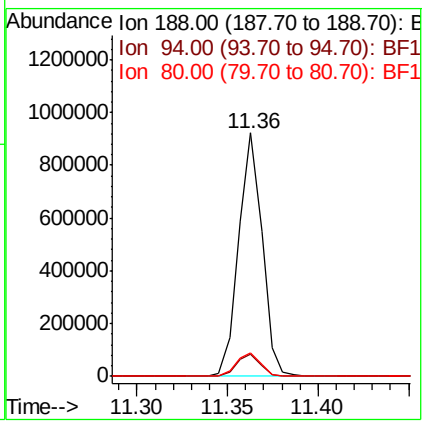


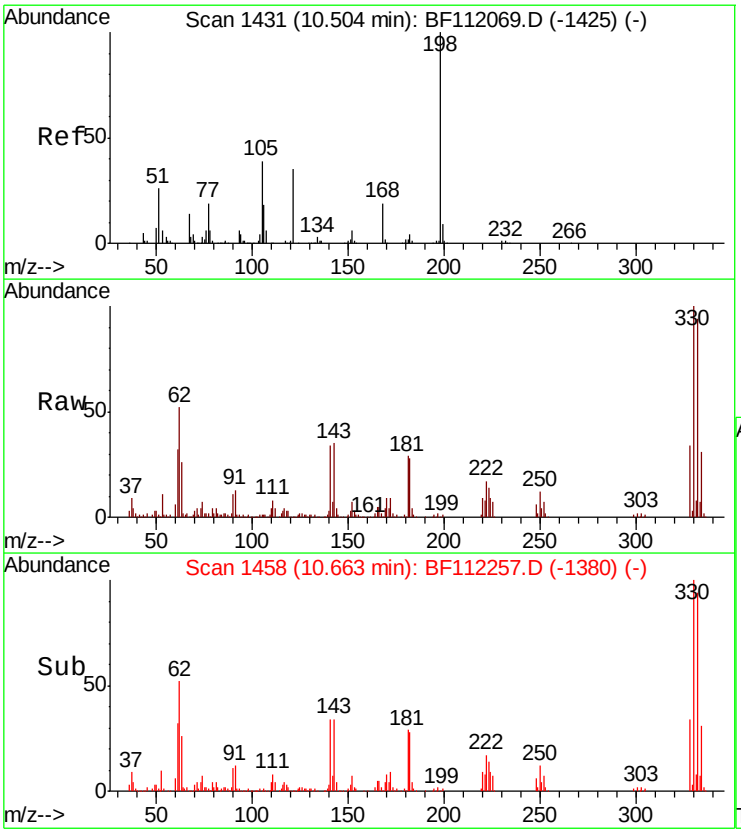
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:188 Resp: 834784

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.7	8.9	13.3

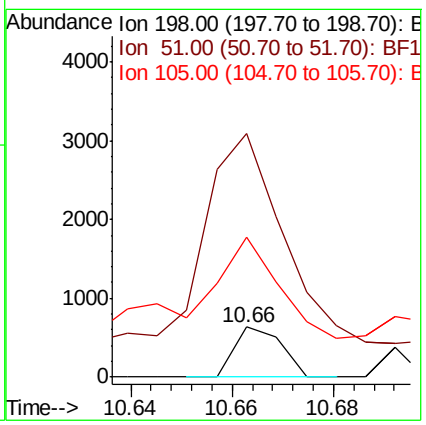


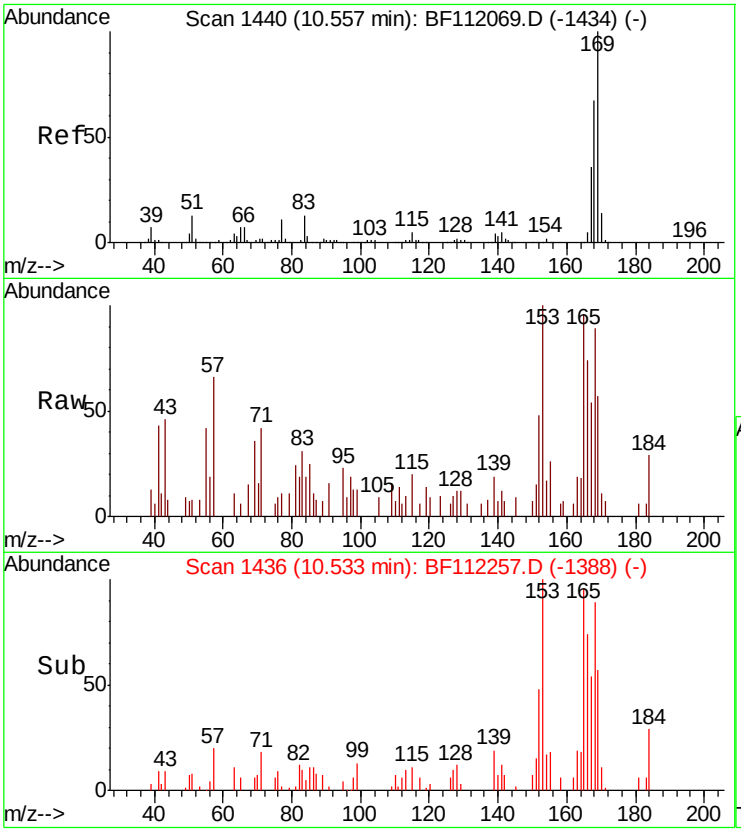


#65
4,6-Dinitro-2-methylphenol
Concen: 0.086 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.16 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:198 Resp: 404

Ion	Ratio	Lower	Upper
198	100		
51	486.0	17.2	57.2#
105	279.1	21.9	61.9#



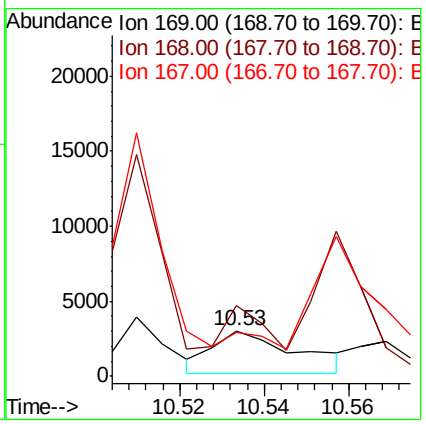


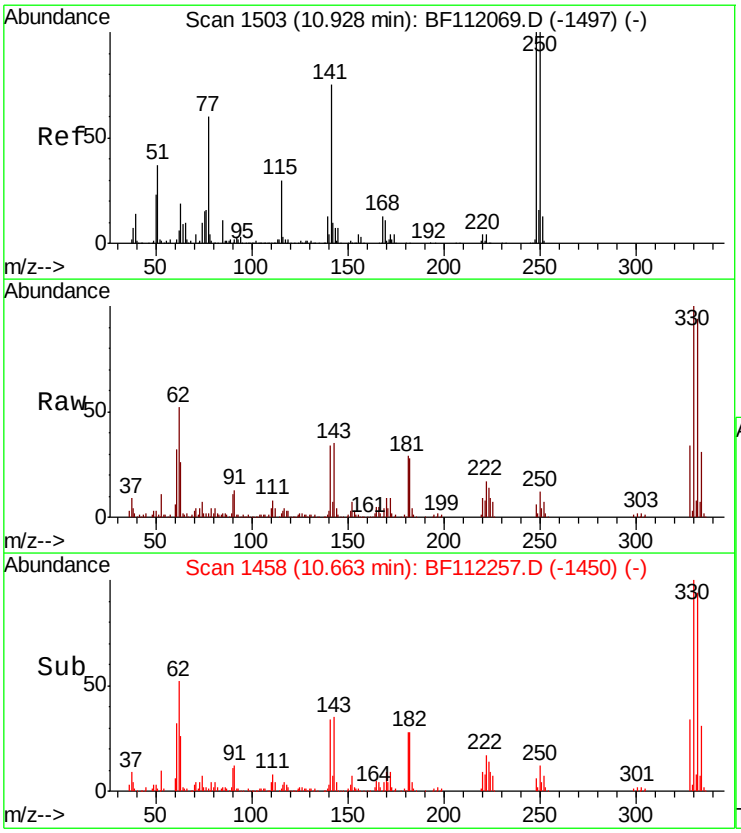
#66
n-Nitrosodiphenylamine
Concen: 0.137 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:169 Resp: 3841

Ion	Ratio	Lower	Upper
169	100		
168	157.6	53.9	80.9#
167	96.1	28.9	43.3#

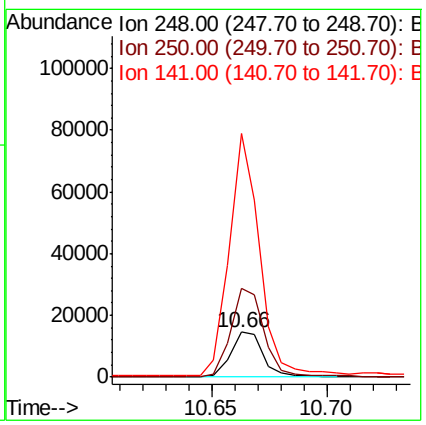


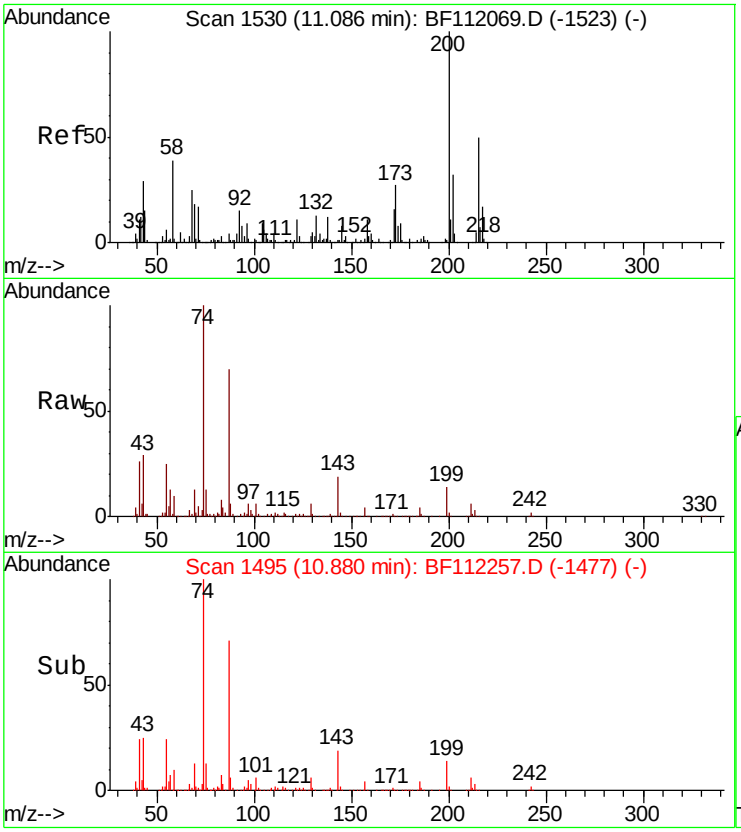


#67
4-Bromophenyl-phenylether
Concen: 1.442 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:248 Resp: 14156

Ion	Ratio	Lower	Upper
248	100		
250	196.7	79.7	119.5#
141	542.5	60.3	90.5#



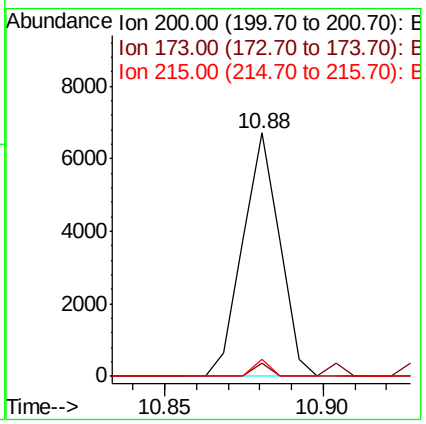


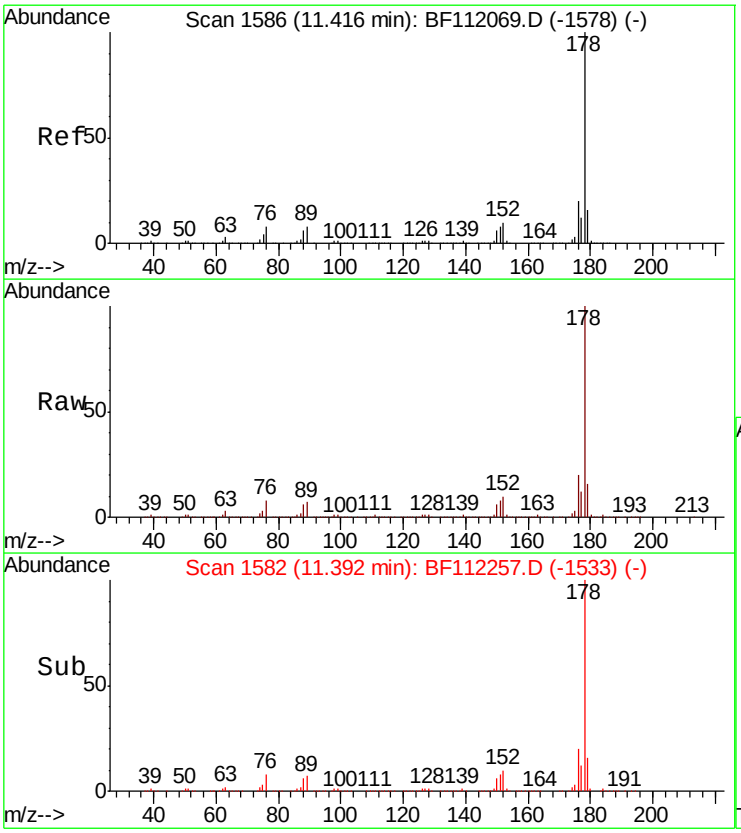
#69
Atrazine
Concen: 0.596 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.19 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:200 Resp: 5407

Ion	Ratio	Lower	Upper
200	100		
173	5.3	7.1	47.1#
215	7.0	30.4	70.4#

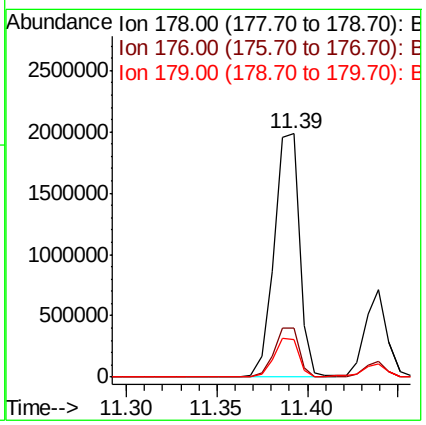


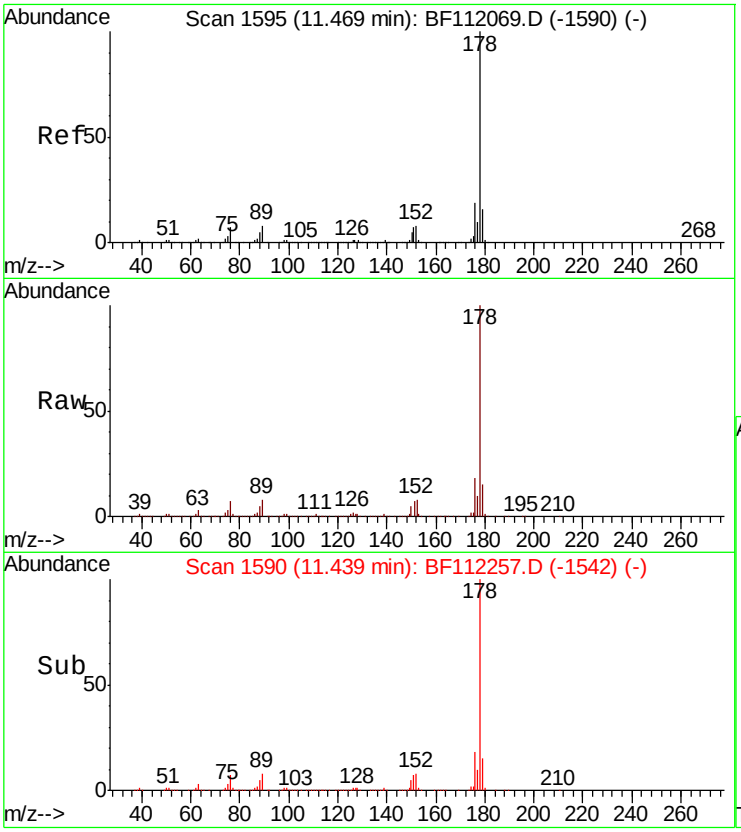


#71
Phenanthrene
Concen: 44.585 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:178 Resp: 1934977

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.6	13.0	19.4



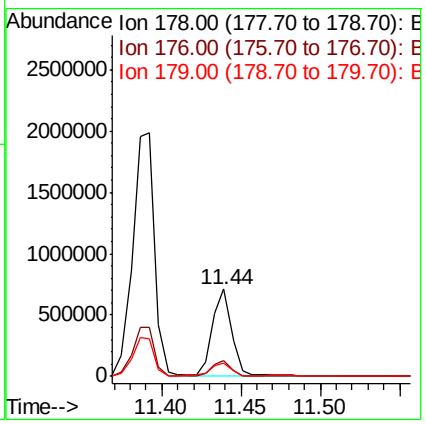


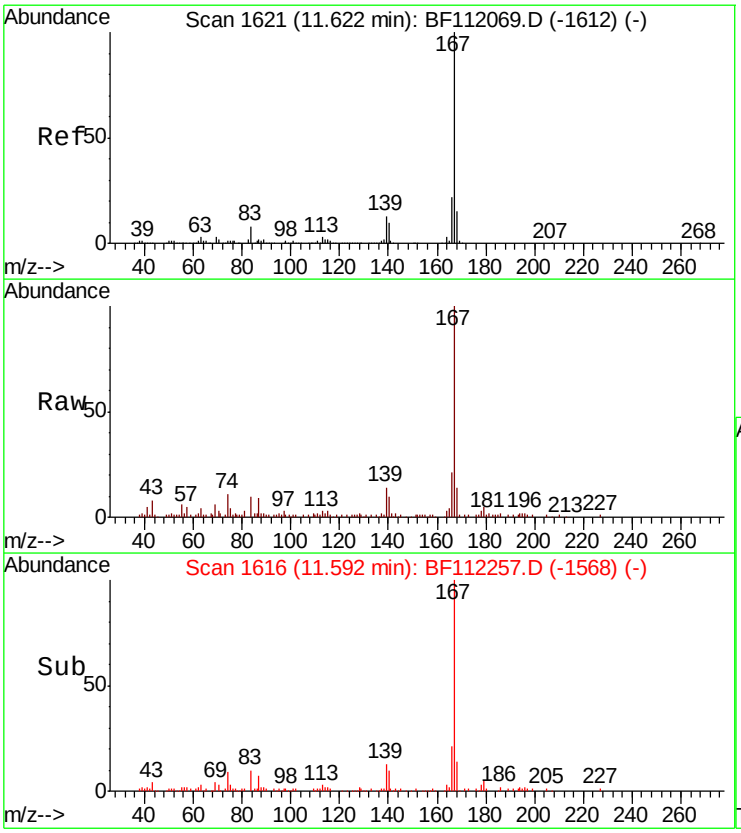
#72
Anthracene
Concen: 14.125 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:178 Resp: 610658

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.3	12.8	19.2

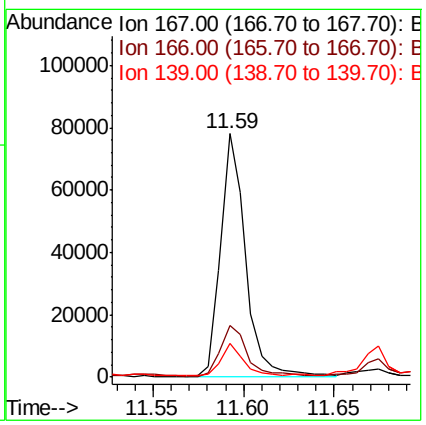


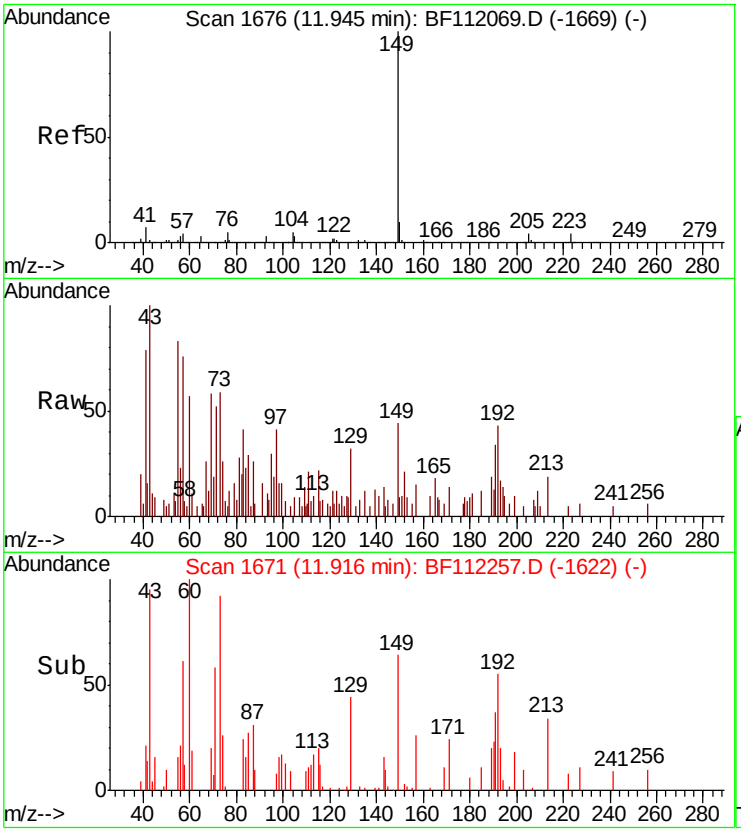


#73
Carbazole
Concen: 1.769 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:167 Resp: 75445

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	13.7	10.2	15.2



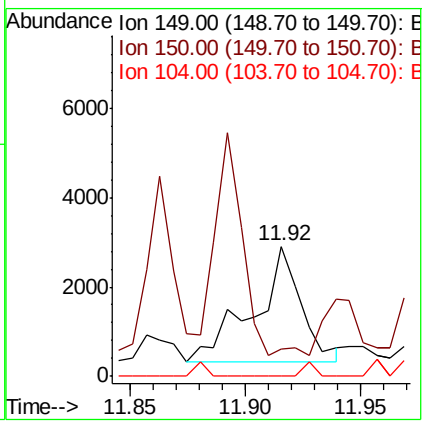


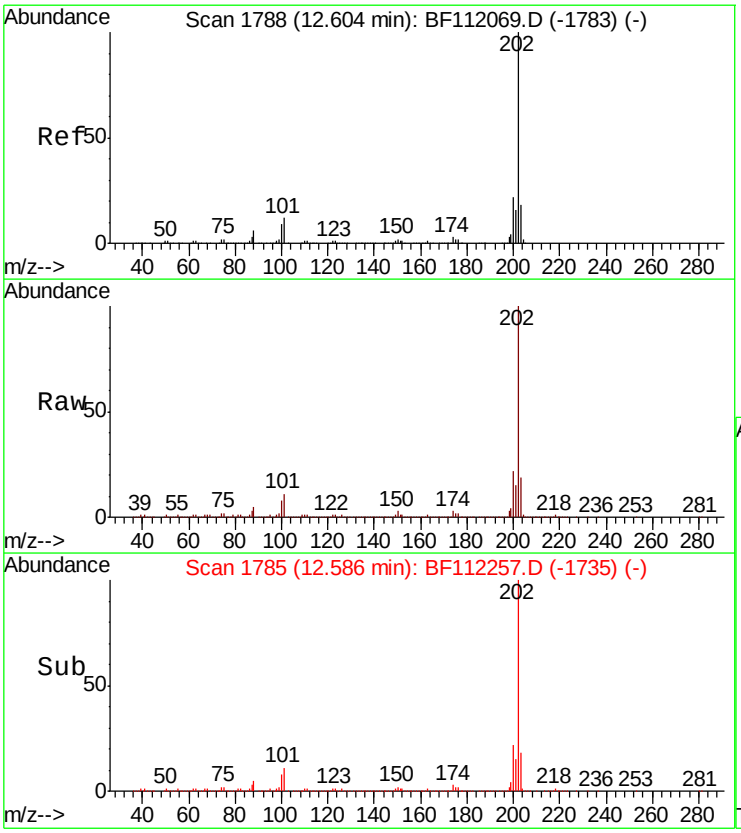
#74
Di-n-butylphthalate
Concen: 0.070 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:149 Resp: 3682

Ion	Ratio	Lower	Upper
149	100		
150	20.8	8.1	12.1#
104	0.0	3.9	5.9#

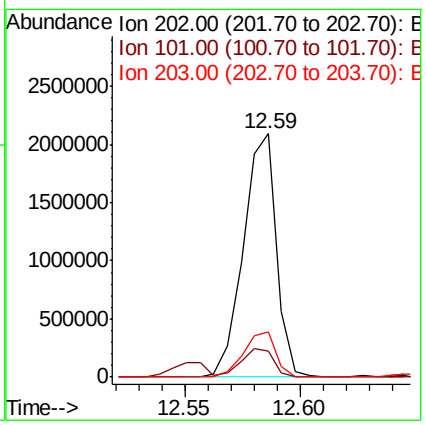


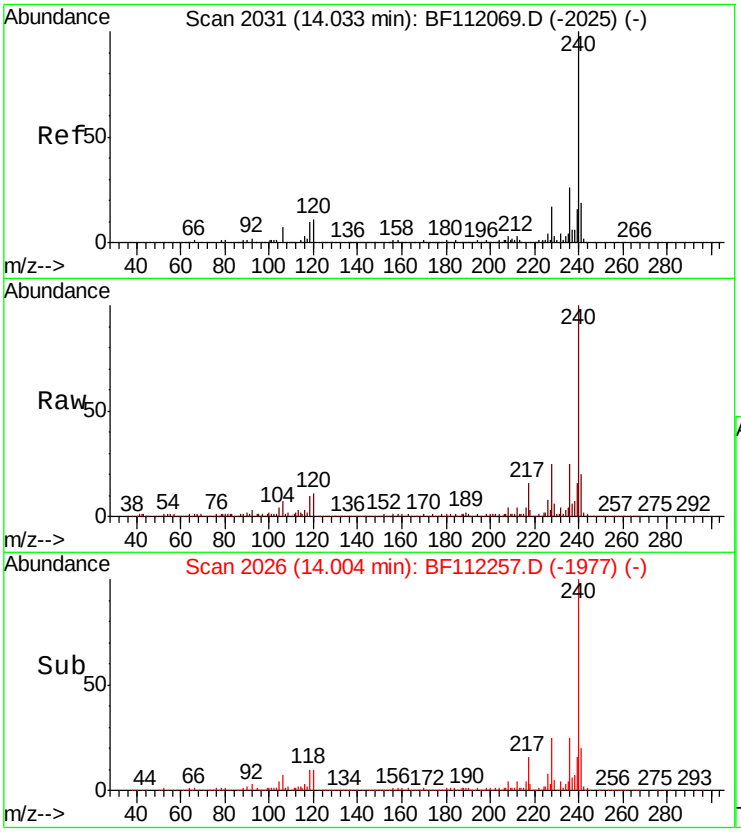


#75
Fluoranthene
Concen: 44.867 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:202 Resp: 2088464

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.8
203	18.5	0.0	38.4



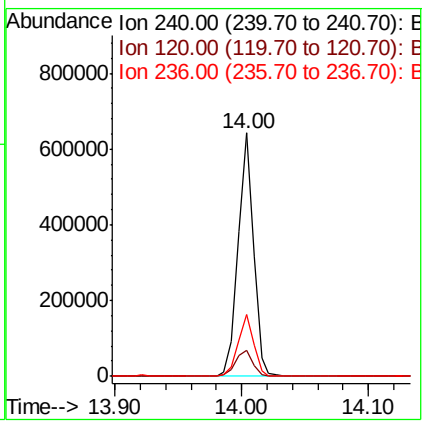


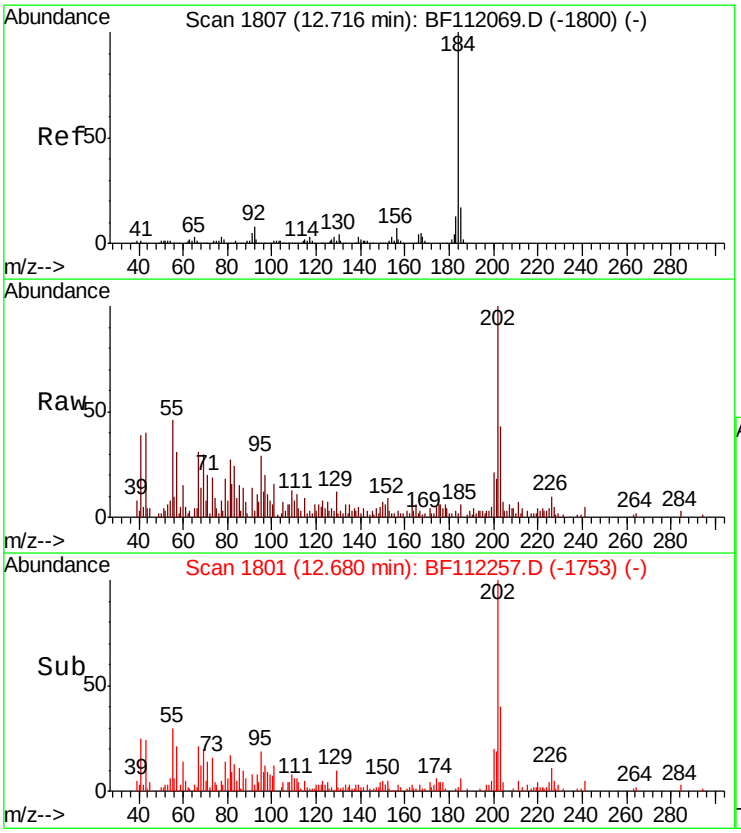
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:240 Resp: 534522

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.3	20.7	31.1

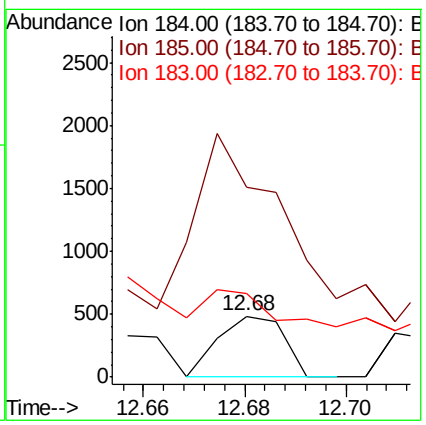


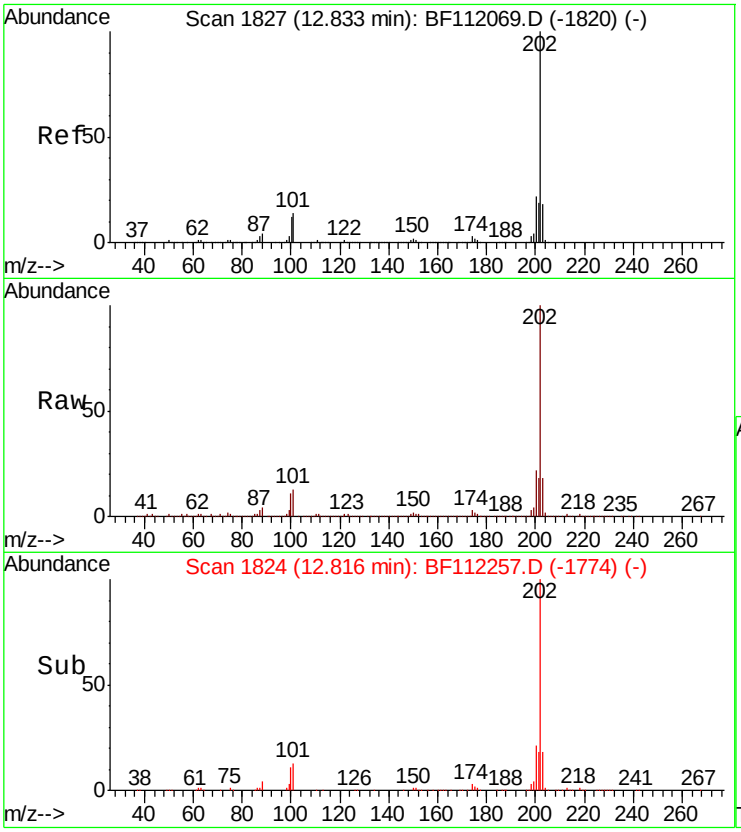


#77
Benzidine
Concen: 0.030 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:184 Resp: 436

Ion	Ratio	Lower	Upper
184	100		
185	312.6	13.9	20.9#
183	136.6	10.0	15.0#



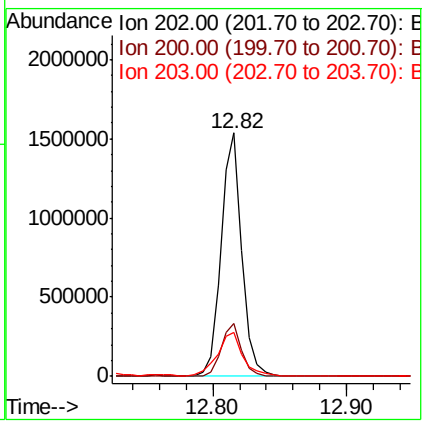


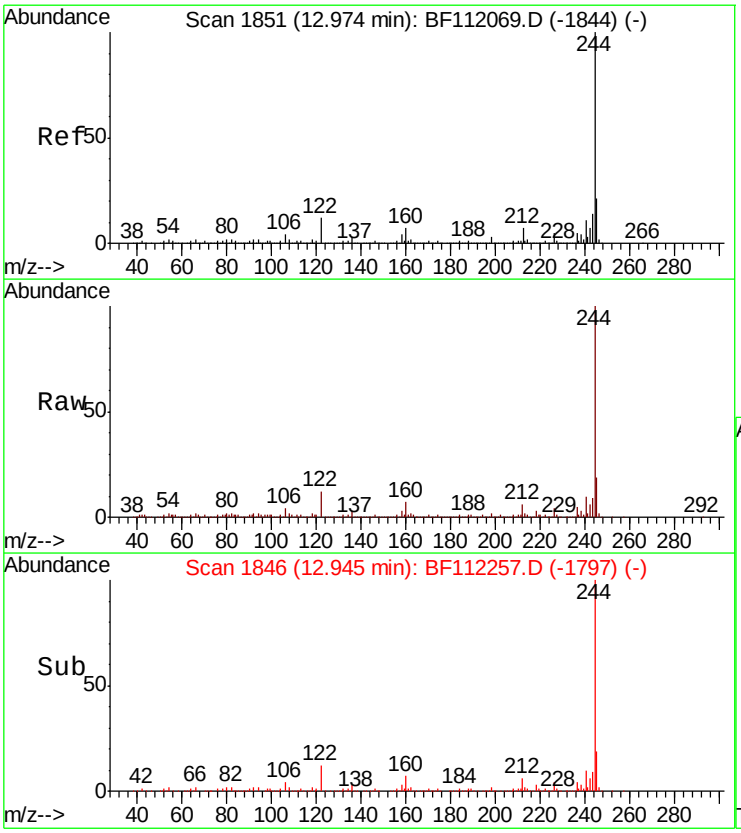
#78
Pyrene
Concen: 45.117 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:202 Resp: 1669670

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.3	14.6	22.0

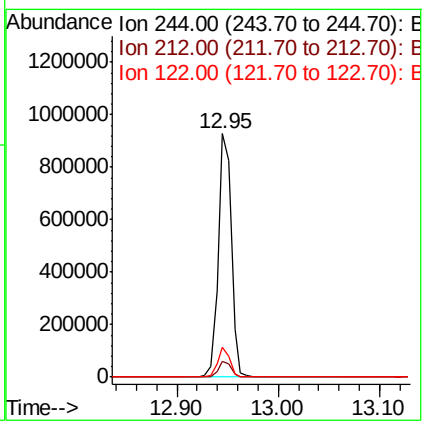


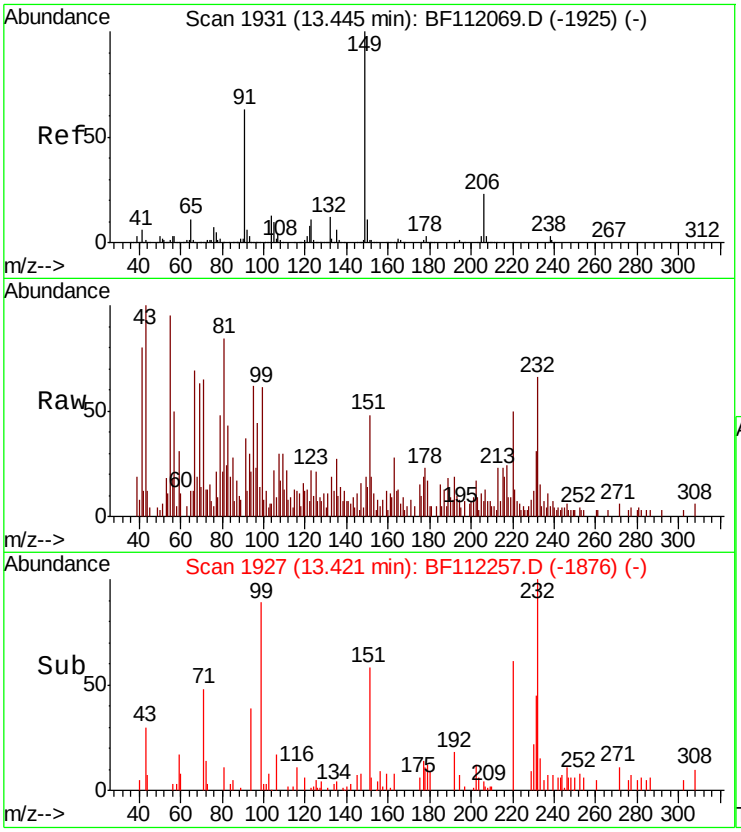


#79
Terphenyl-d14
Concen: 29.271 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:244 Resp: 830710

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	12.2	9.8	14.6



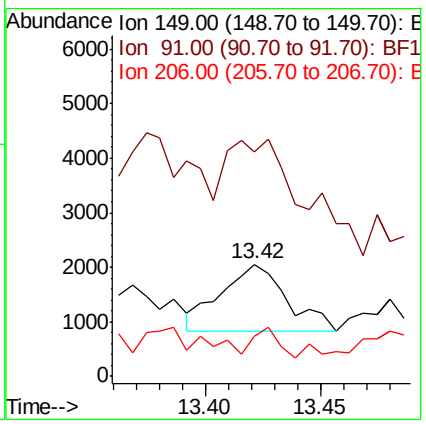


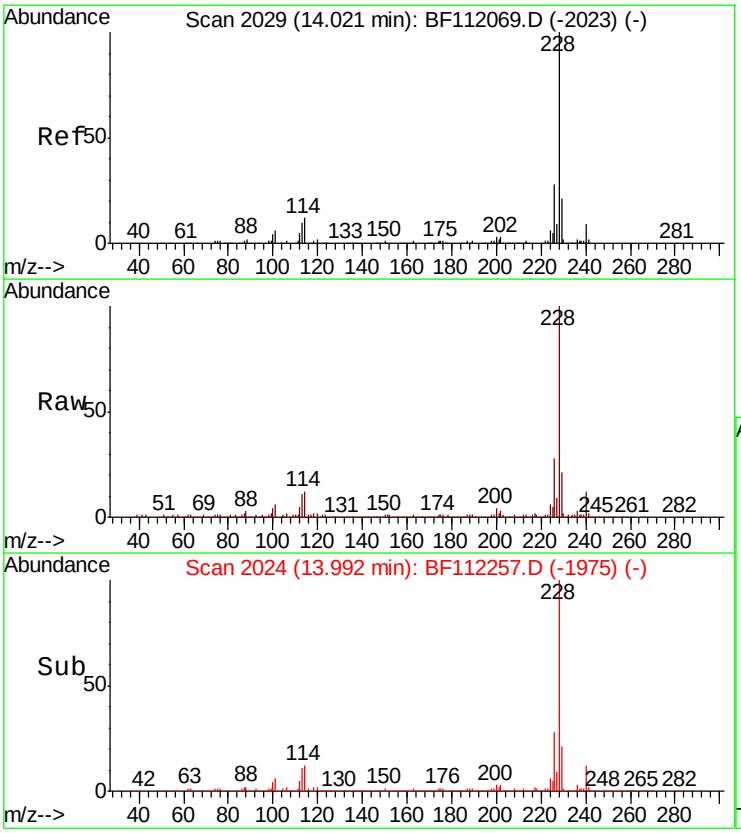
#80
Butylbenzylphthalate
Concen: 0.136 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:149 Resp: 2429

Ion	Ratio	Lower	Upper
149	100		
91	200.1	50.3	75.5#
206	35.7	18.2	27.4#

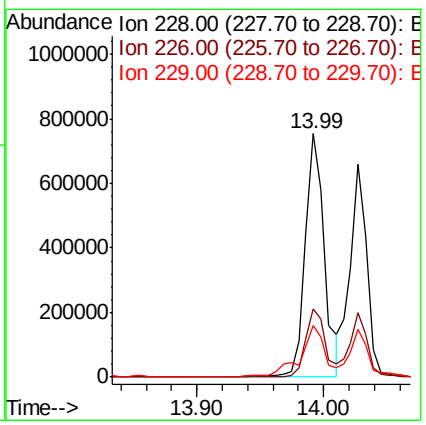


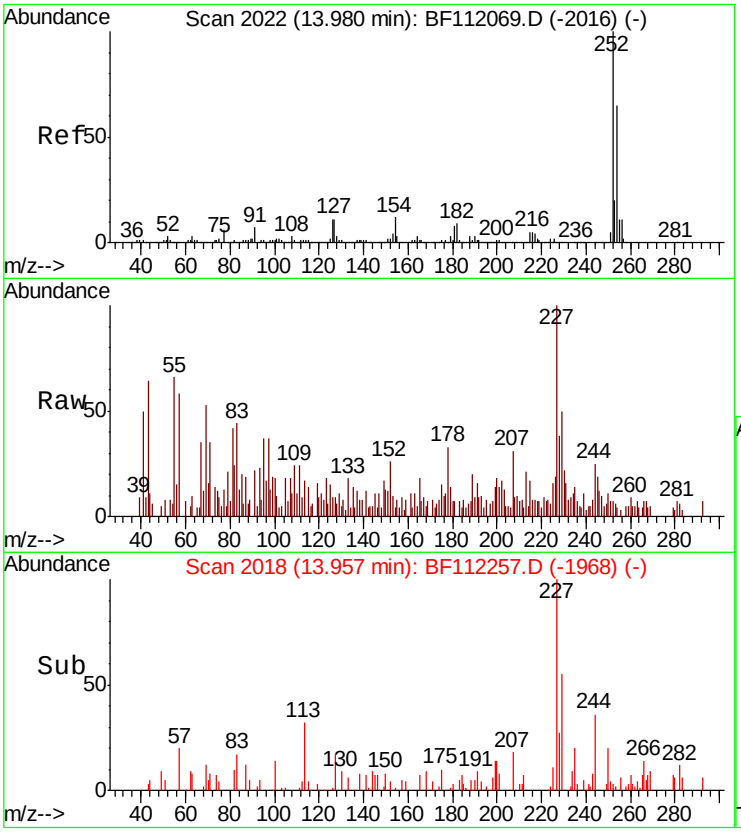


#81
Benzo(a)anthracene
Concen: 24.924 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:228 Resp: 783167

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	21.2	16.5	24.7



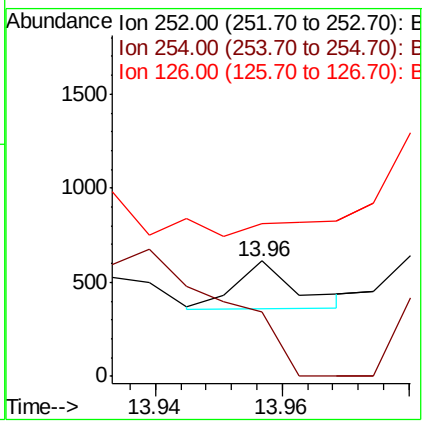


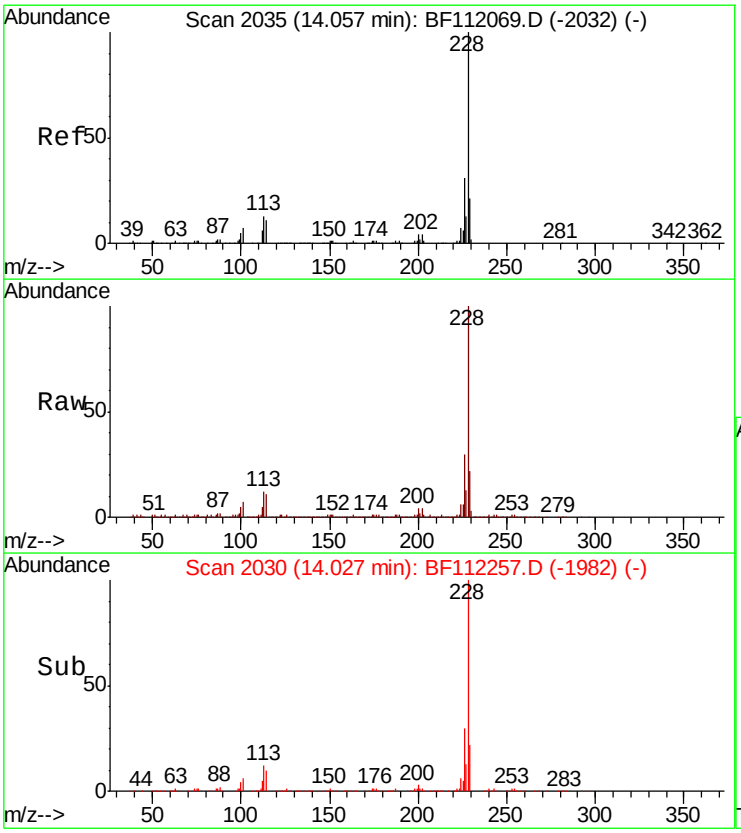
#82
3,3'-Dichlorobenzidine
Concen: 0.014 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:252 Resp: 165

Ion	Ratio	Lower	Upper
252	100		
254	55.6	51.6	77.4
126	133.2	8.6	12.8#

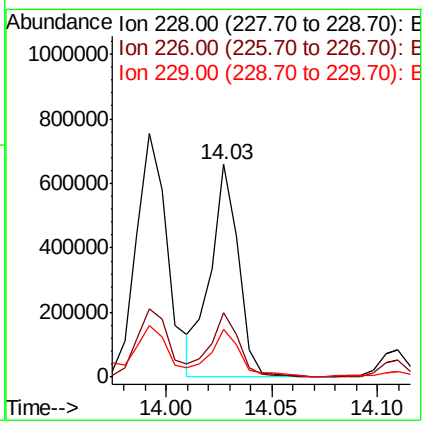


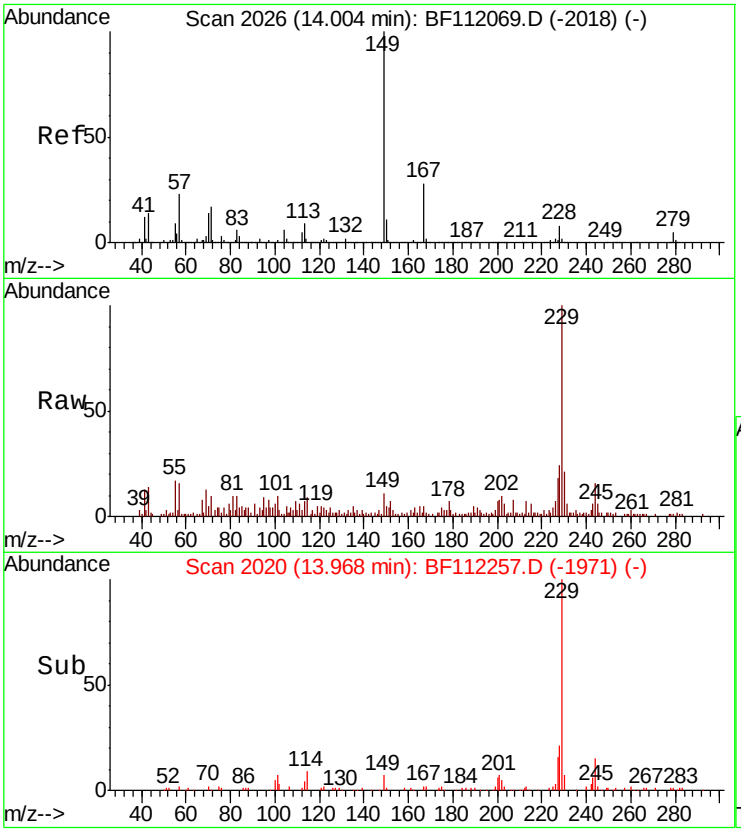


#83
Chrysene
Concen: 20.241 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:228 Resp: 607095

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	22.2	16.6	24.8



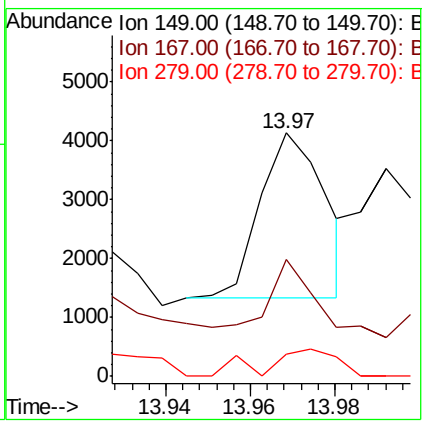


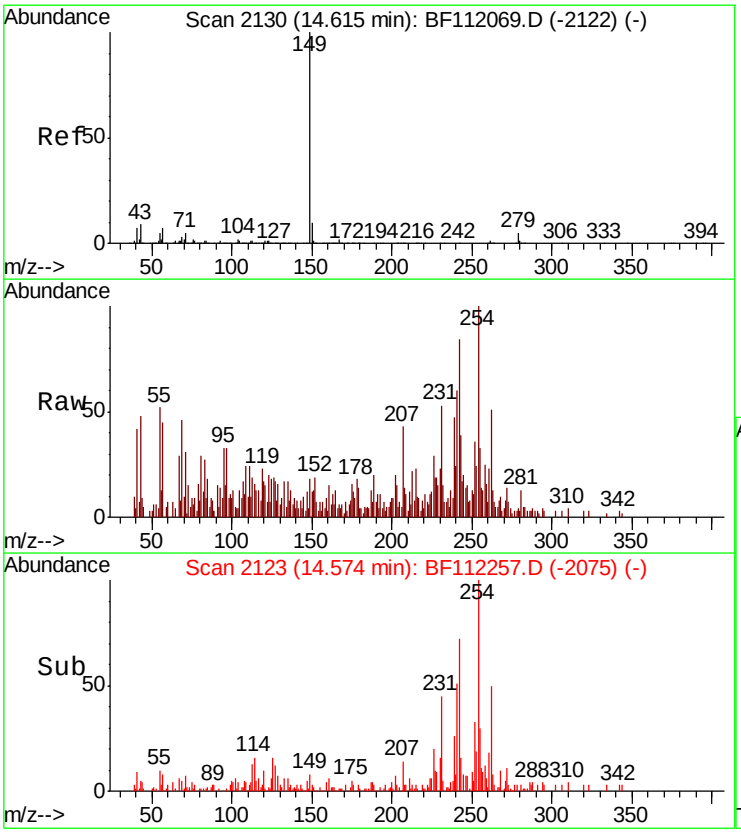
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.118 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:149 Resp: 3004

Ion	Ratio	Lower	Upper
149	100		
167	48.2	22.5	33.7#
279	9.1	3.8	5.6#

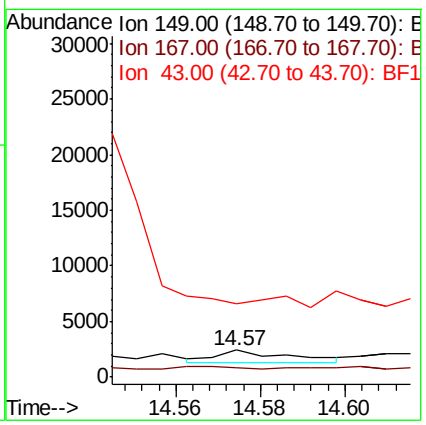


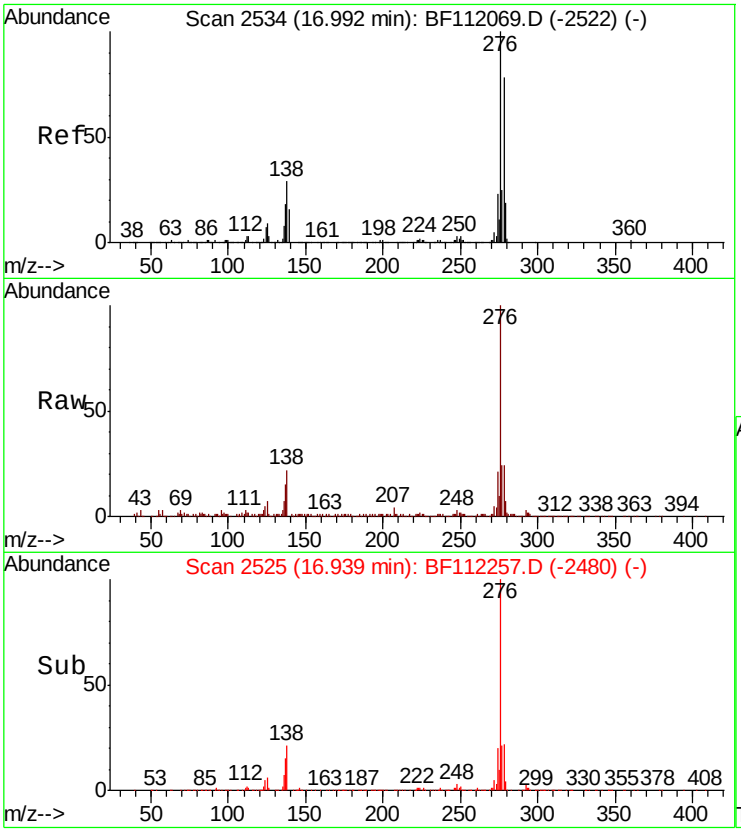


#85
Di-n-octyl phthalate
Concen: 0.034 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:149 Resp: 1321

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



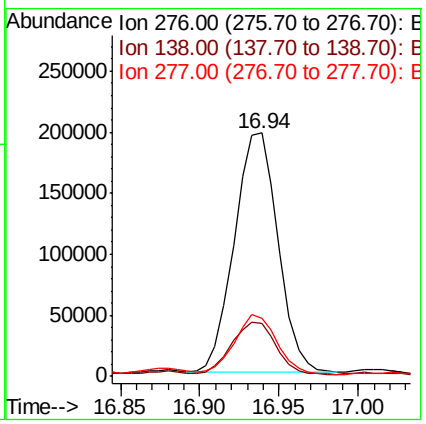


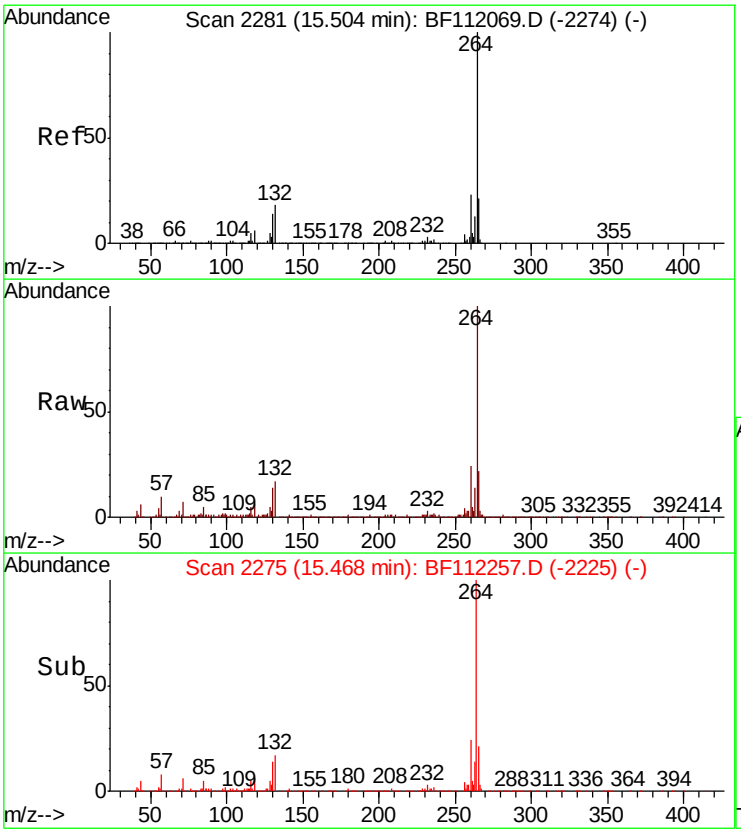
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.737 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:276 Resp: 374024

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.6	34.0#
277	24.4	20.3	30.5

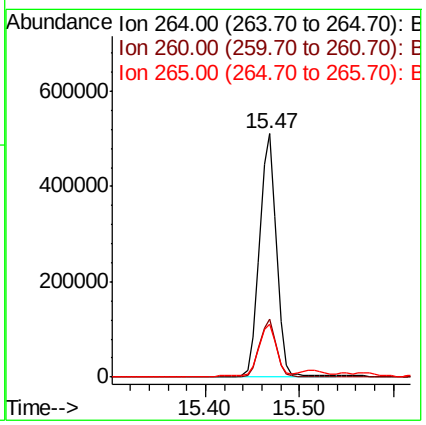


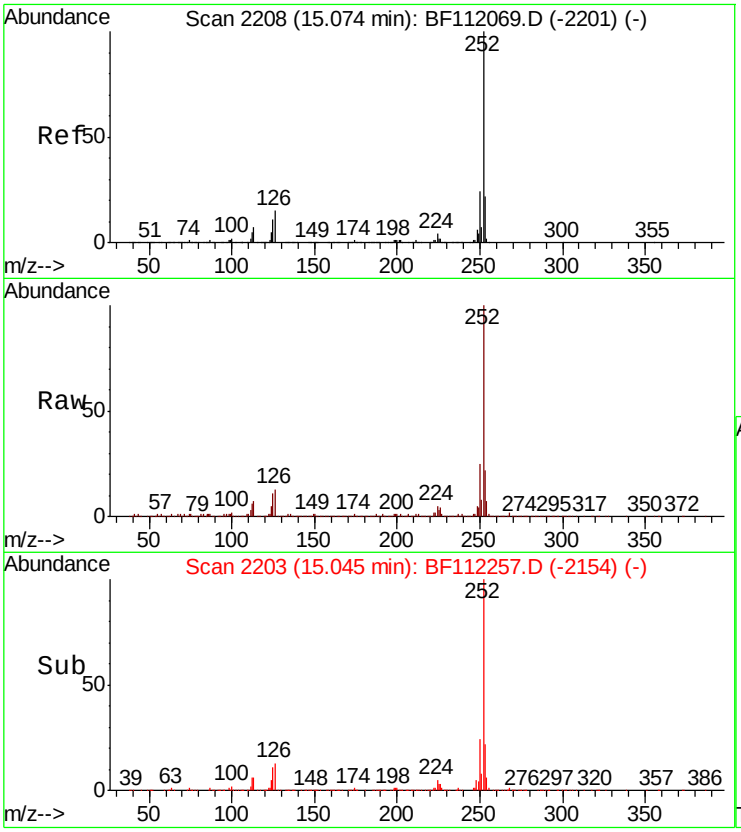


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:264 Resp: 638186

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.6	17.0	25.4



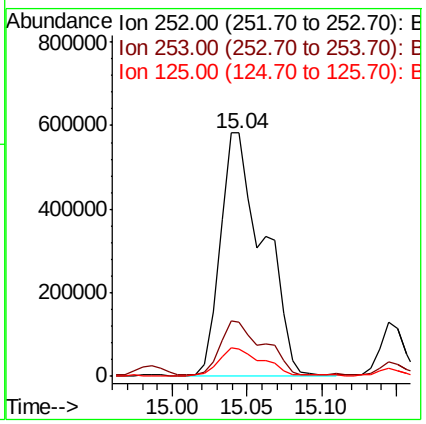


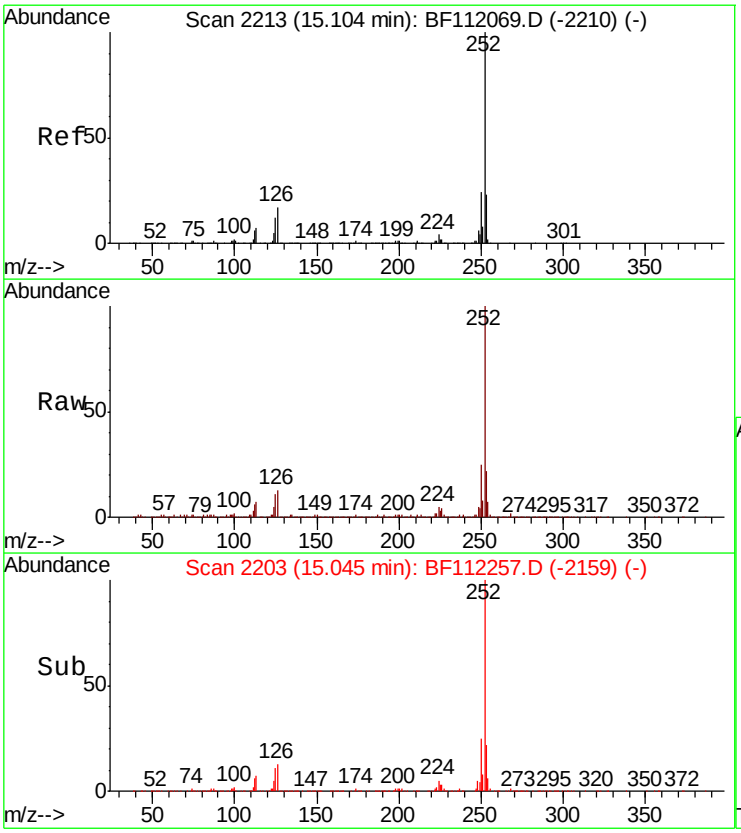
#88
Benzo(b)fluoranthene
Concen: 30.645 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:252 Resp: 1169605

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.2	8.7	13.1

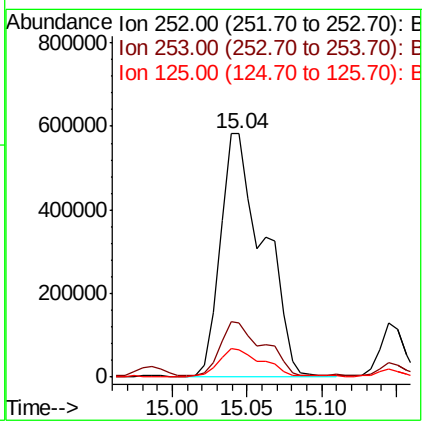


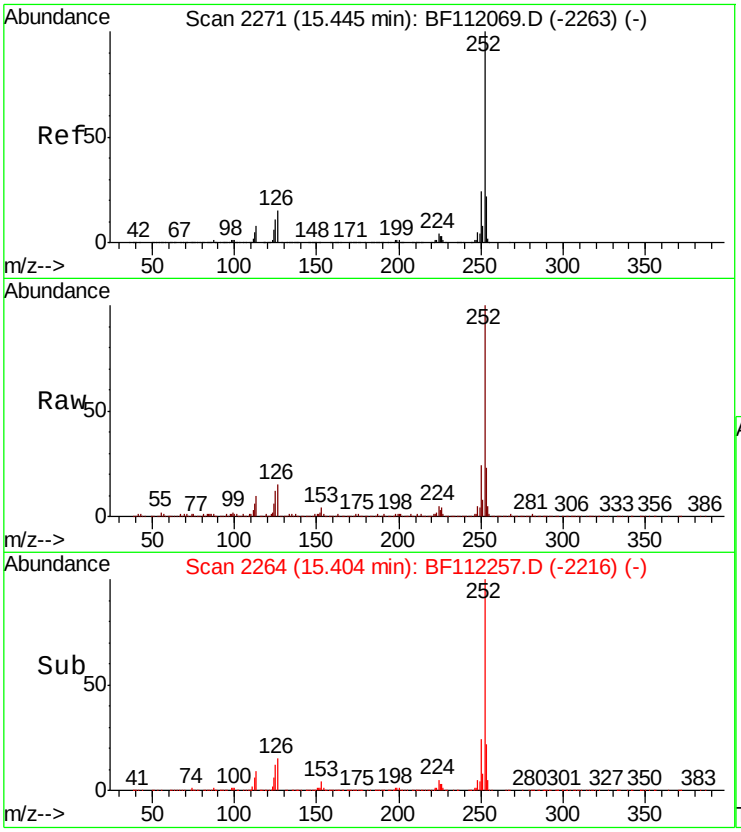


#89
Benzo(k)fluoranthene
Concen: 31.993 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:252 Resp: 1169605

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.2	9.1	13.7



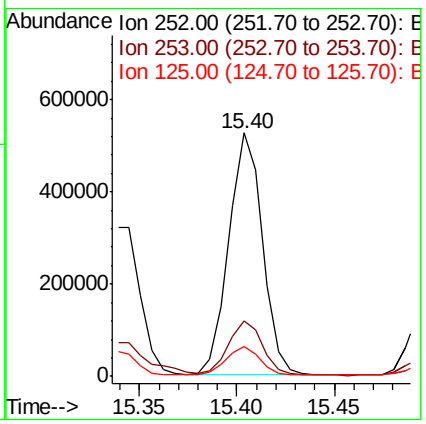


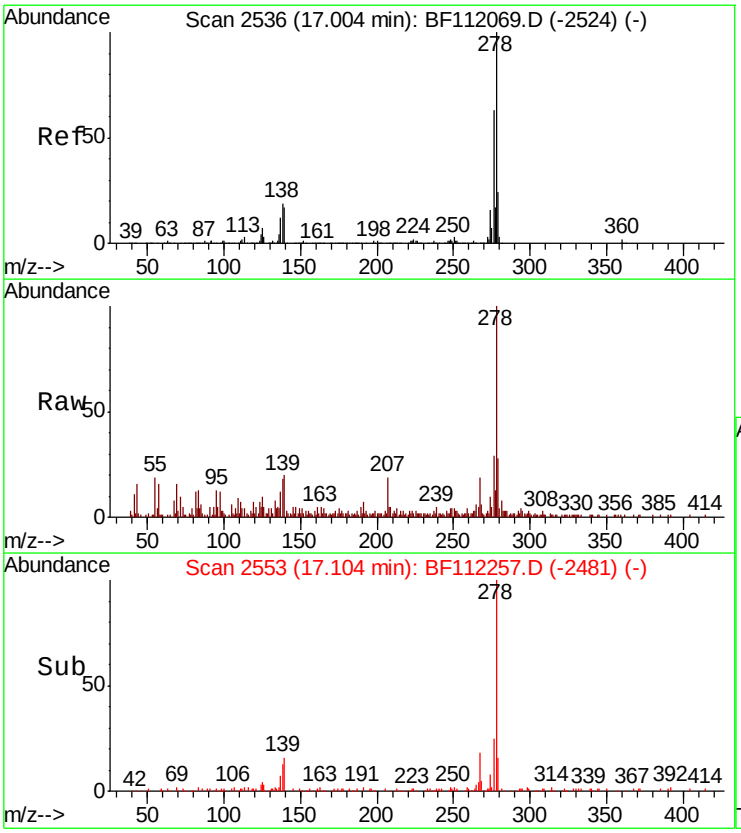
#90
Benzo(a)pyrene
Concen: 18.368 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:252 Resp: 630796

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.4	9.0	13.4

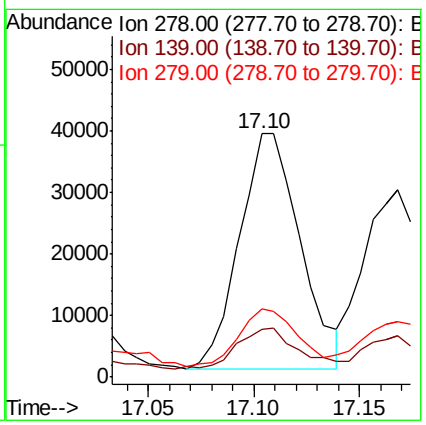


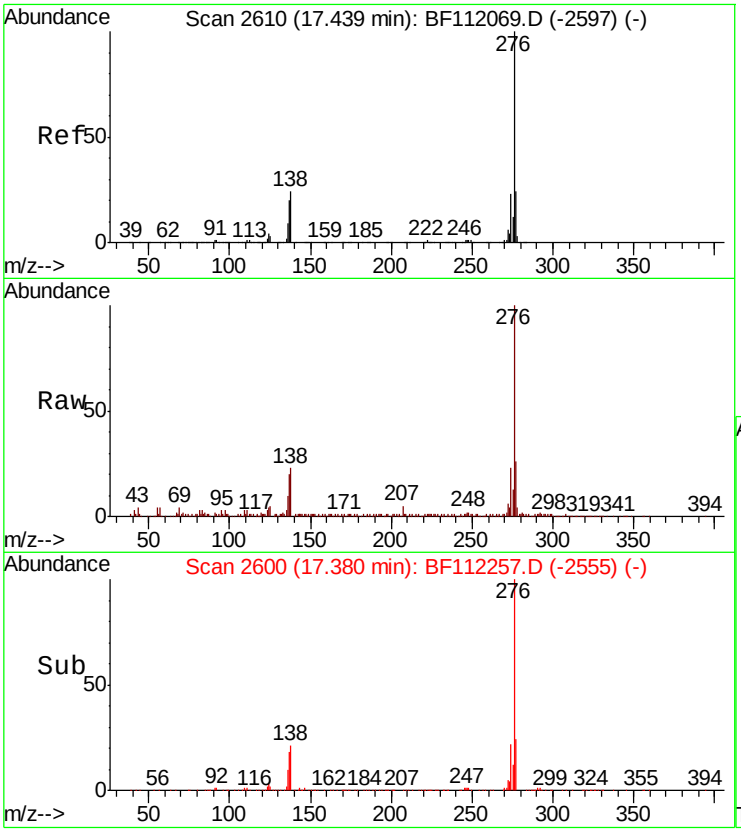


#91
Dibenzo(a,h)anthracene
Concen: 2.754 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.12 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Tgt Ion:278 Resp: 76233

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.7	20.5
279	28.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 12.259 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF112257.D
Acq: 26 Jan 2019 2:53

Instrument :
BNA_F
ClientSampleId :
TR-05-RO-1-012319DL

Tgt Ion:276 Resp: 320121

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.0
138	22.9	19.1	28.7