Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112253.D
Acq On : 26 Jan 2019 1:03
Operator : JU/SJ
Sample : K1016-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 27 23:46:16 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	239249	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	918425	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	455761	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	844374	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	486446	20.00	ng		-0.02
87) Perylene-d12	15.46	264	487897	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1531409	135.96	ng		0.00
7) Phenol-d6	6.49	99	1800598	115.04	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1347754	84.55	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	649951	122.52	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	2653066	82.33	ng		-0.01
79) Terphenyl-d14	12.95	244	2435309	94.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	419	0.093	ng	#	68
4) n-Nitrosodimethylamine	3.32	42	232	0.048	ng	#	1
6) Aniline	6.62	93	2637	0.142	ng	#	1
8) 2-Chlorophenol	6.63	128	680	0.045	ng	#	1
9) Benzaldehyde	6.62	77	39123	4.782	ng		83
10) Phenol	6.49	94	607	0.035	ng	#	1
11) bis(2-Chloroethyl)ether	6.62	93	2637	0.195	ng	#	1
12) 1,3-Dichlorobenzene	6.79	146	108	0.006	ng	#	1
13) 1,4-Dichlorobenzene	6.79	146	108	0.006	ng	#	25
14) 1,2-Dichlorobenzene	7.00	146	120	0.007	ng	#	1
15) Benzyl Alcohol	7.00	79	22079	1.673	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.11	45	800	0.046	ng		63
17) 2-Methylphenol	6.99	107	446	0.037	ng	#	1
18) Hexachloroethane	7.37	117	196	0.031	ng	#	49
19) n-Nitroso-di-n-propylamine	7.40	70	180516	16.726	ng	#	75
20) 3+4-Methylphenols	6.99	107	446	0.029	ng	#	1
22) Acetophenone	7.25	105	1734	0.078	ng	#	76
24) Nitrobenzene	7.40	77	4122	0.259	ng	#	33
25) Isophorone	7.40	82	1326626	53.053	ng	#	63
27) 2,4-Dimethylphenol	7.91	122	115	0.010	ng	#	6
31) Naphthalene	8.14	128	4820	0.112	ng		98
32) Benzoic acid	7.91	122	115	0.017	ng		83
33) 4-Chloroaniline	8.14	127	561	0.030	ng	#	37
35) Caprolactam	8.55	113	108	0.023	ng	#	47
37) 2-Methylnaphthalene	8.84	142	1237	0.042	ng	#	95
38) 1-Methylnaphthalene	8.93	142	1762	0.063	ng	#	91
46) 1,1'-Biphenyl	9.30	154	5670	0.142	ng		92
48) 2-Nitroaniline	9.20	65	4093	0.486	ng	#	1
49) Acenaphthylene	9.74	152	715	0.016	ng	#	59
51) 2,6-Dinitrotoluene	9.87	165	59709	7.529	ng	#	33
52) Acenaphthene	9.91	154	1879	0.069	ng		90
55) Dibenzofuran	10.09	168	2836	0.069	ng	#	85
56) 4-Nitrophenol	10.08	139	997	0.219	ng	#	12
57) 2,4-Dinitrotoluene	9.87	165	59709	5.914	ng	#	31

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
Data File : BF112253.D
Acq On : 26 Jan 2019 1:03
Operator : JU/SJ
Sample : K1016-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 27 23:46:16 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)
58) Fluorene	10.42	166	3585	0.116	ng	#	90
60) Diethylphthalate	10.29	149	1794	0.051	ng	#	85
63) Azobenzene	10.59	77	367	0.012	ng	#	49
65) 4,6-Dinitro-2-methylphenol	10.67	198	1219	0.257	ng	#	1
66) n-Nitrosodiphenylamine	10.67	169	17809	0.626	ng	#	41
67) 4-Bromophenyl-phenylether	10.67	248	38694	3.896	ng	#	1
71) Phenanthrene	11.39	178	11393	0.260	ng		97
72) Anthracene	11.39	178	11393	0.261	ng		96
73) Carbazole	11.60	167	6238	0.145	ng		96
74) Di-n-butylphthalate	11.92	149	5942	0.111	ng		98
75) Fluoranthene	12.58	202	4768	0.101	ng		87
77) Benzidine	12.83	184	1534	0.115	ng	#	1
78) Pyrene	12.81	202	3623	0.108	ng	#	91
80) Butylbenzylphthalate	13.42	149	550	0.034	ng	#	15
81) Benzo(a)anthracene	13.99	228	3085	0.108	ng	#	92
83) Chrysene	14.03	228	2131	0.078	ng	#	86
84) Bis(2-ethylhexyl)phthalate	13.97	149	2007	0.087	ng	#	90
85) Di-n-octyl phthalate	14.57	149	1246	0.035	ng	#	31
88) Benzo(b)fluoranthene	15.04	252	565	0.019	ng	#	21
89) Benzo(k)fluoranthene	15.07	252	694	0.025	ng	#	8
90) Benzo(a)pyrene	15.40	252	119	0.005	ng	#	1

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

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Acq On : 26 Jan 2019 1:03
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Instrument :
BNA_F
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TR-05-RO-1-012319

Quant Time: Jan 27 23:46:16 2019
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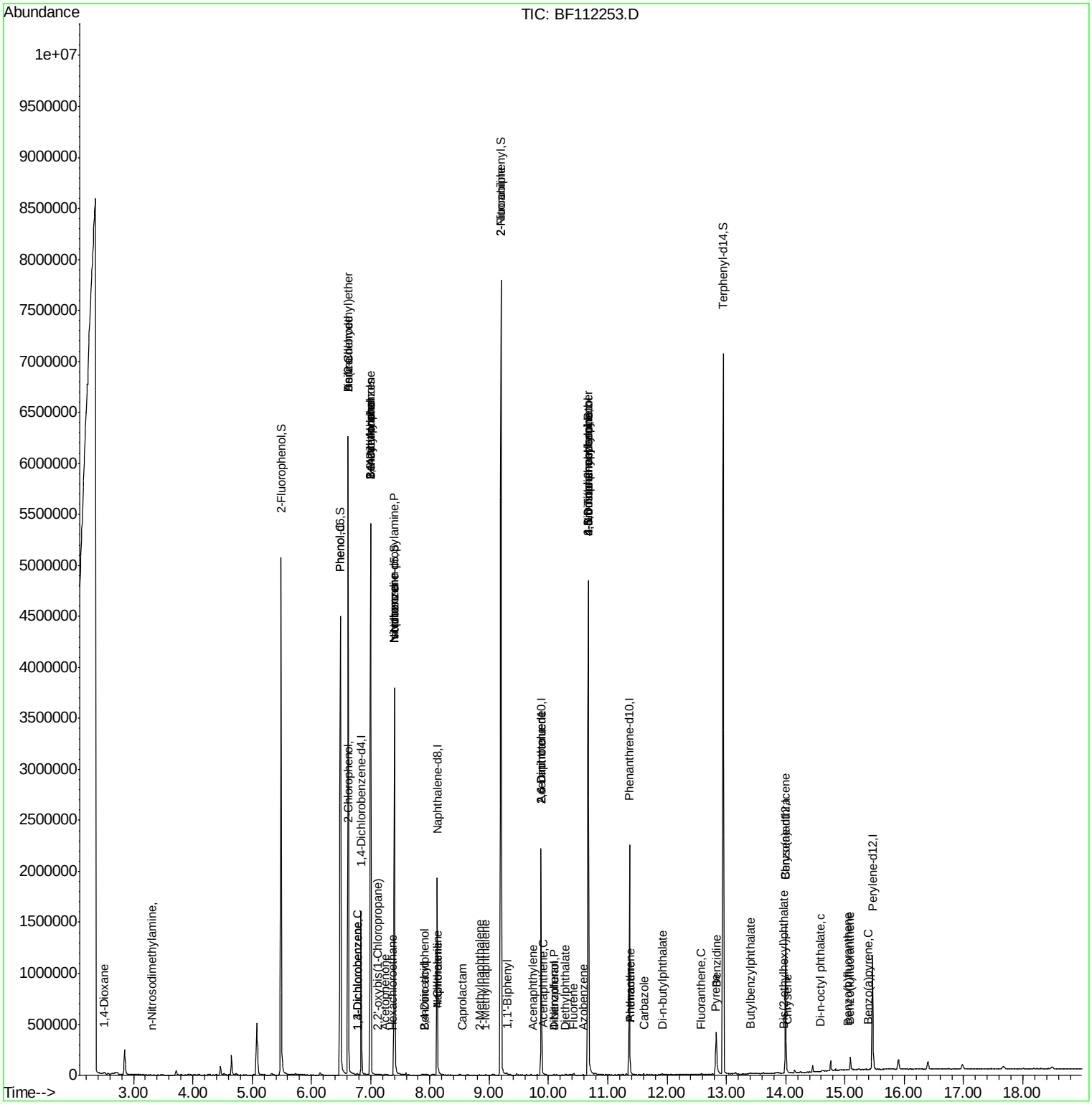
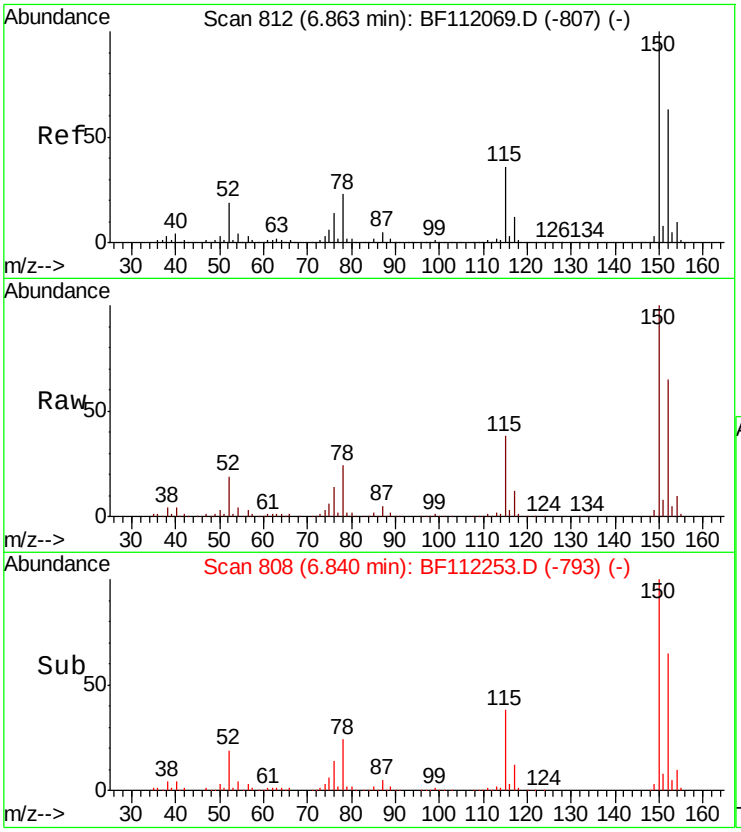


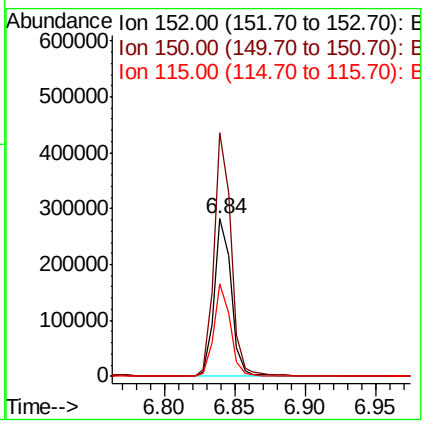


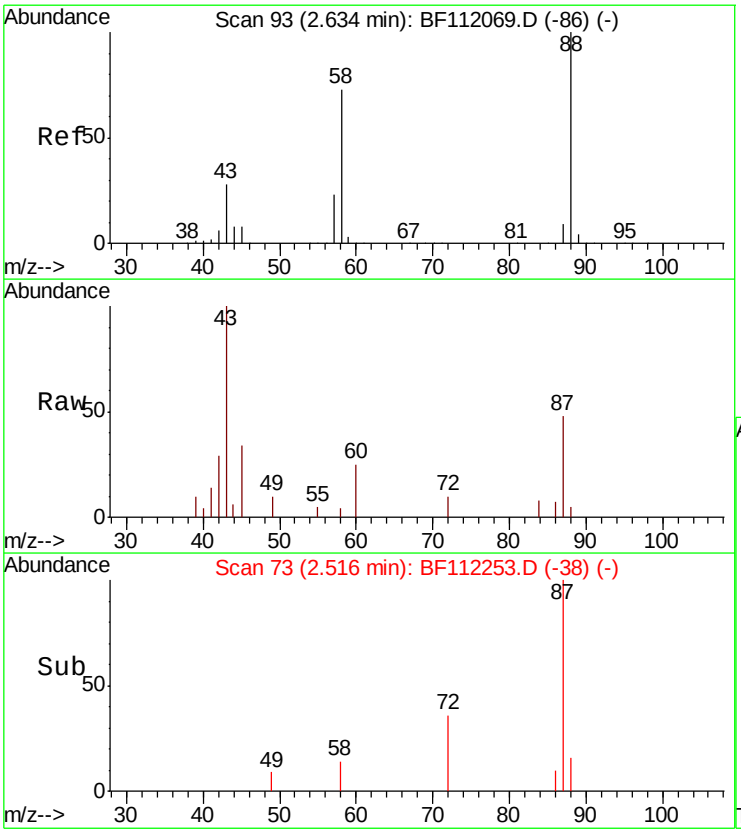
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:152 Resp: 239249

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.4	191.0
115	59.1	45.5	68.3

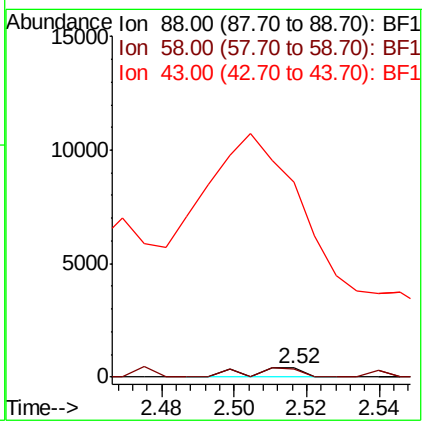


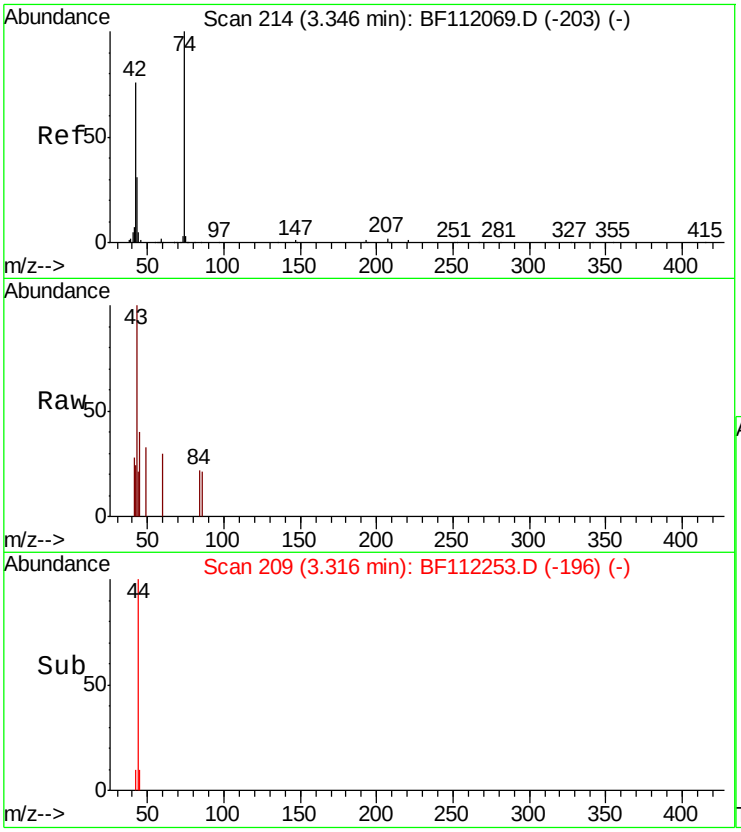


#2
1,4-Dioxane
Concen: 0.093 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.09 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 88 Resp: 419

Ion	Ratio	Lower	Upper
88	100		
58	91.2	57.4	86.2#
43	0.0	22.2	33.4#



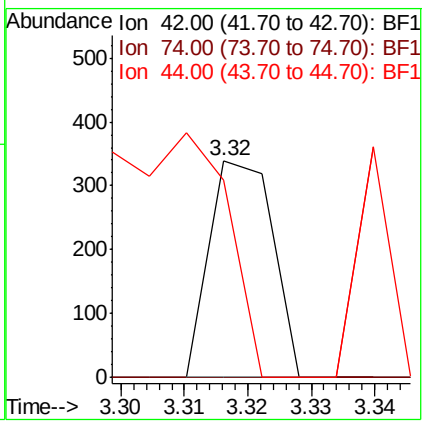


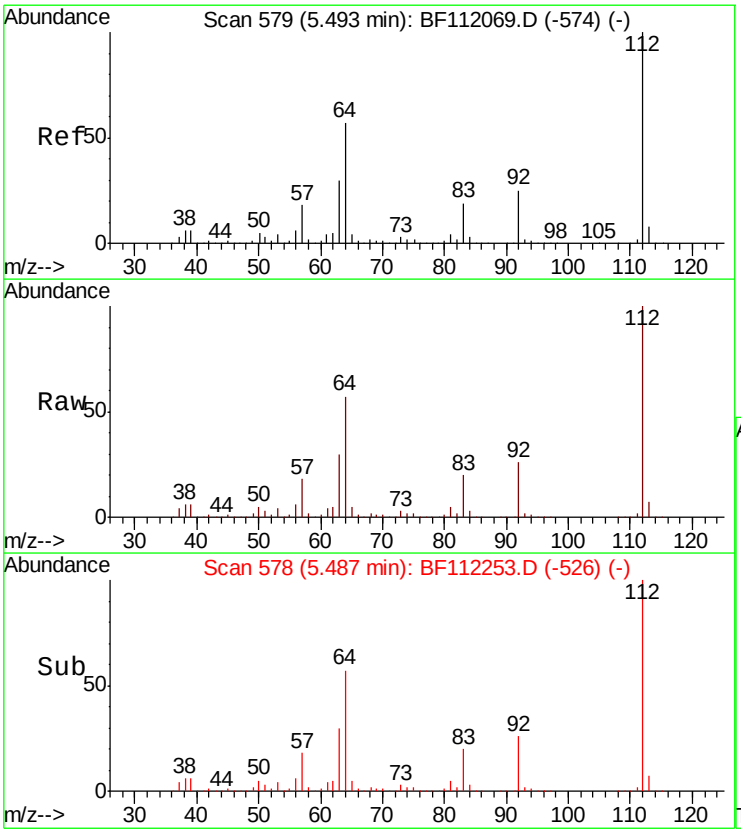
#4
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.32 min Scan# 209
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 42 Resp: 232

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.6	158.4#
44	90.9	5.4	8.2#

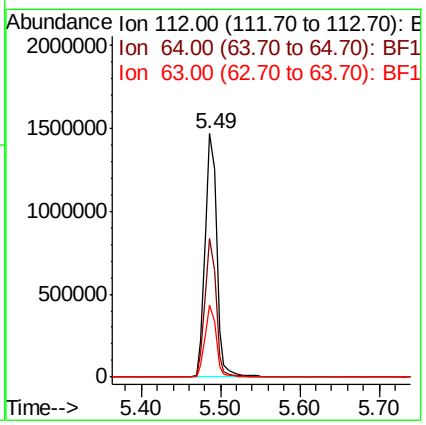


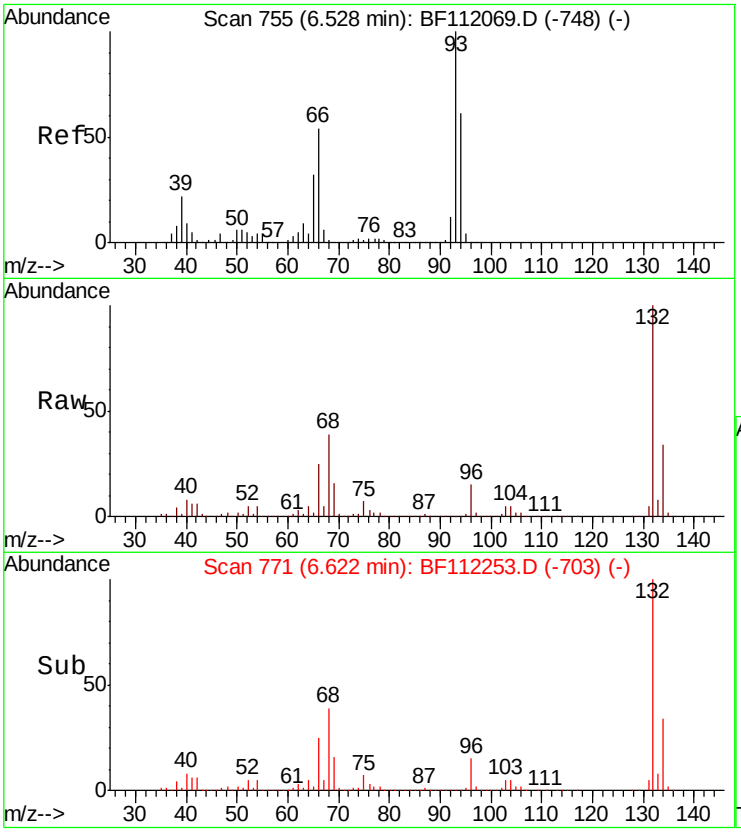


#5
2-Fluorophenol
Concen: 135.959 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:112 Resp: 1531409

Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.7	68.5
63	29.8	23.6	35.4



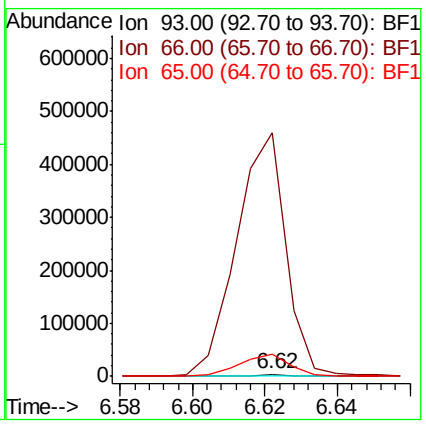


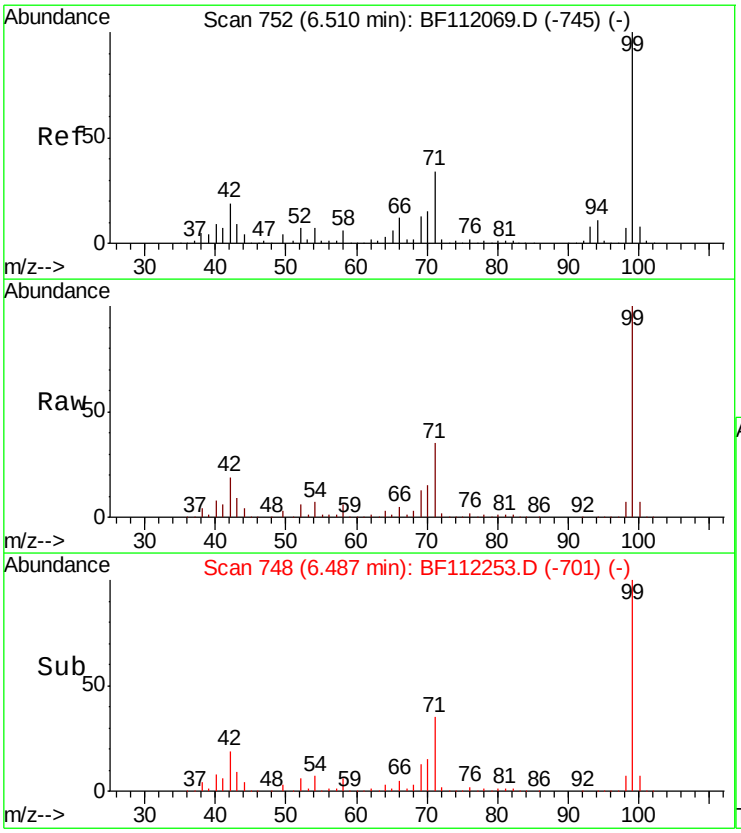
#6
Aniline
Concen: 0.142 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.10 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 93 Resp: 2637

Ion	Ratio	Lower	Upper
93	100		
66	13853.5	43.4	65.2#
65	1294.9	25.3	37.9#

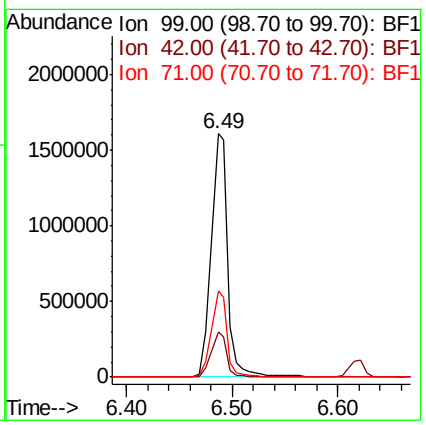


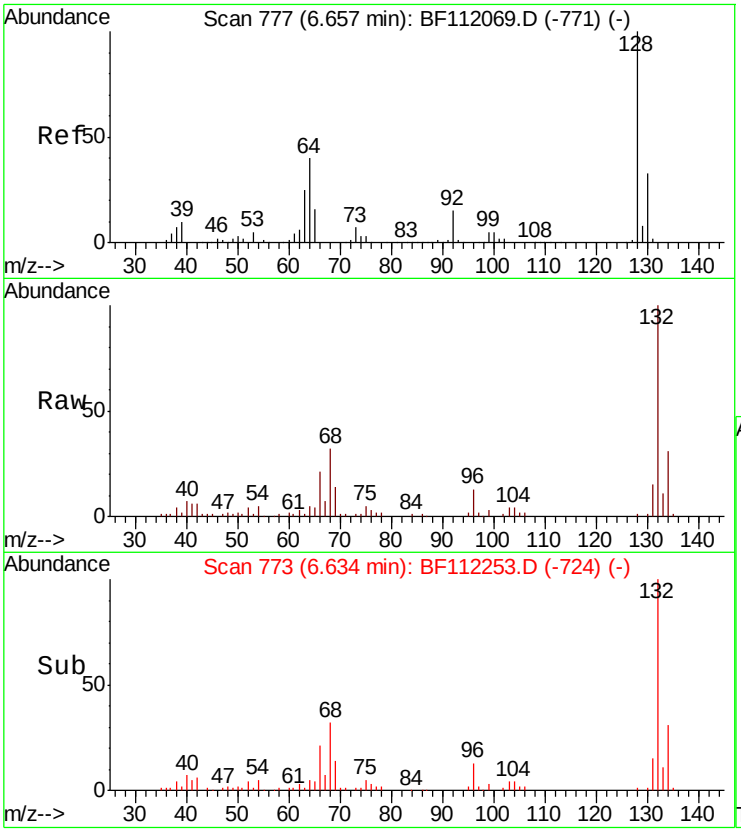


#7
Phenol-d6
Concen: 115.043 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 99 Resp: 1800598

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.1	22.7
71	35.4	26.9	40.3



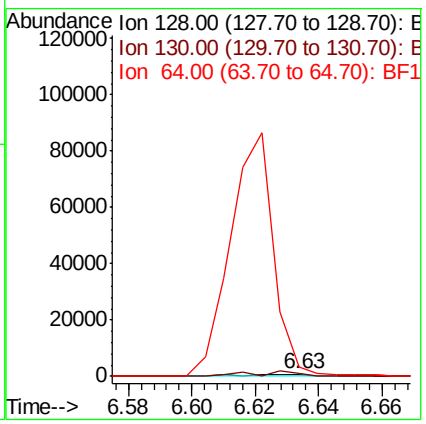


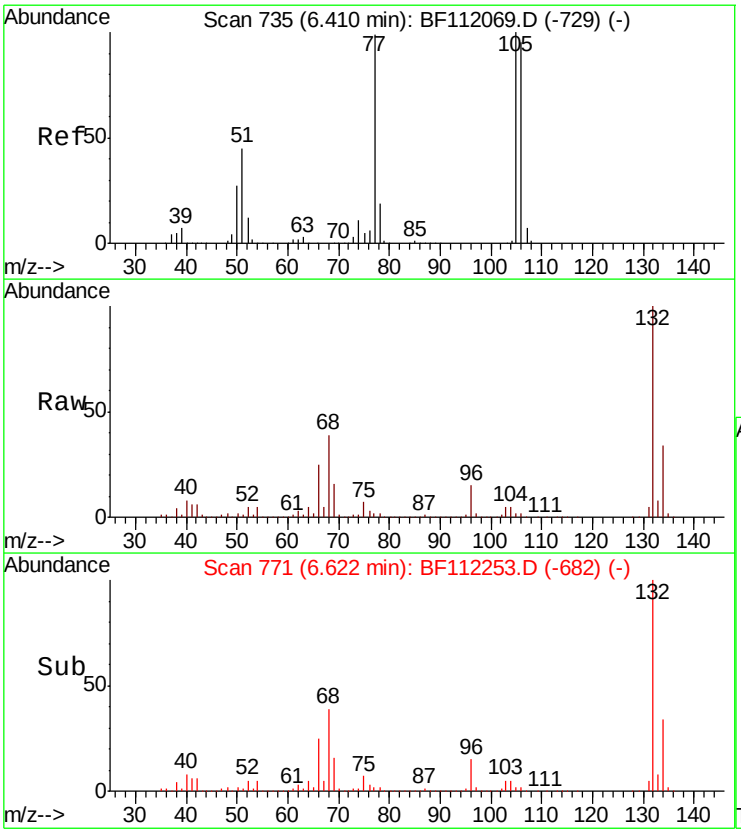
#8
2-Chlorophenol
Concen: 0.045 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:128 Resp: 680

Ion	Ratio	Lower	Upper
128	100		
130	127.2	13.4	53.4#
64	465.2	20.5	60.5#

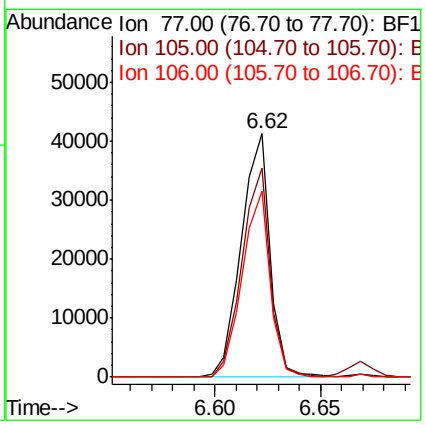


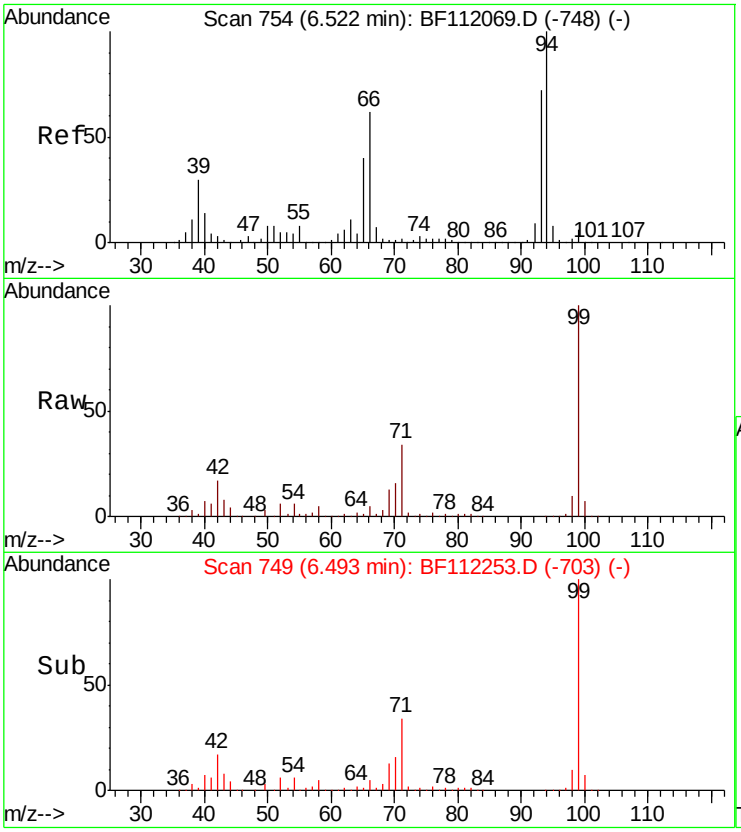


#9
Benzaldehyde
Concen: 4.782 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 77 Resp: 39123

Ion	Ratio	Lower	Upper
77	100		
105	85.6	80.8	120.8
106	76.3	75.7	115.7



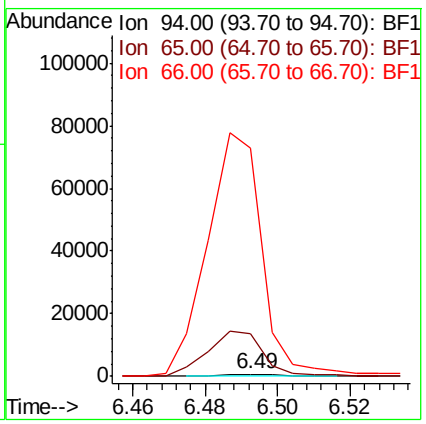


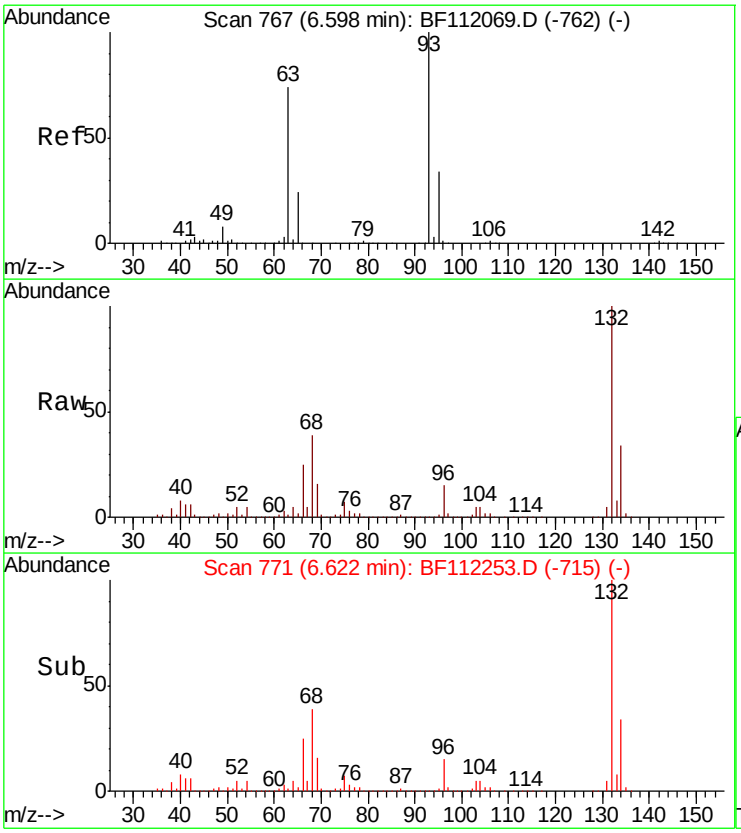
#10
Phenol
Concen: 0.035 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 94 Resp: 607

Ion	Ratio	Lower	Upper
94	100		
65	2493.1	20.3	60.3#
66	13189.2	42.4	82.4#

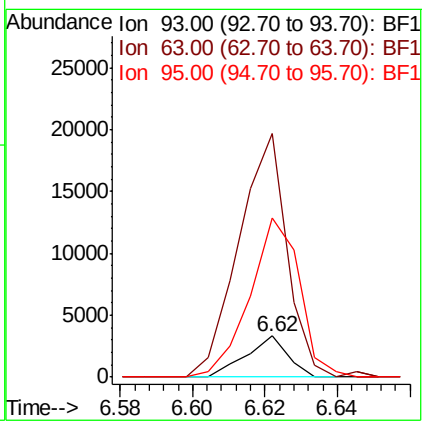


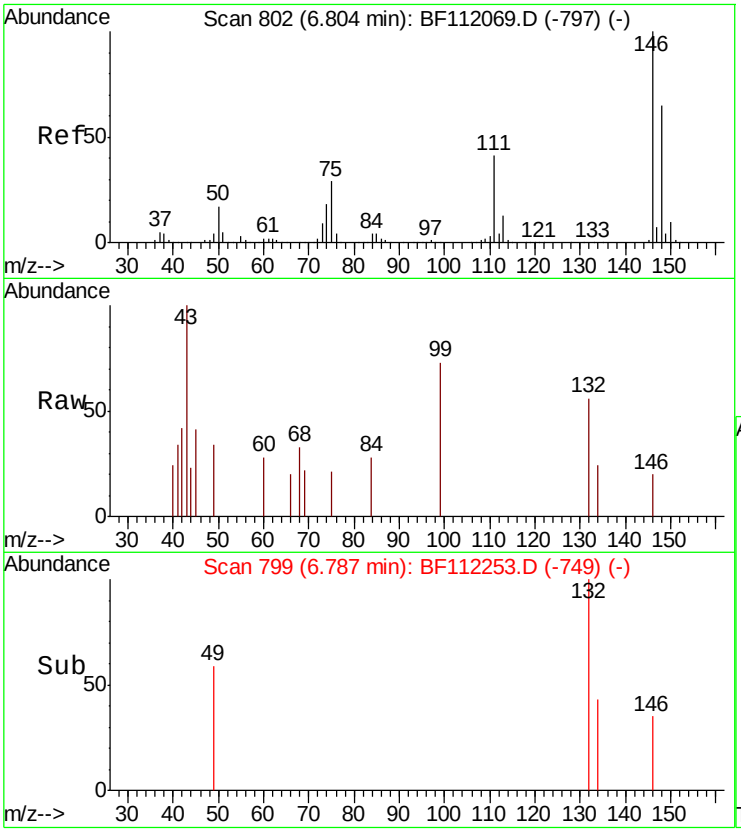


#11
bis(2-Chloroethyl)ether
Concen: 0.195 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.03 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 93 Resp: 2637

Ion	Ratio	Lower	Upper
93	100		
63	593.3	53.3	93.3#
95	389.2	13.4	53.4#



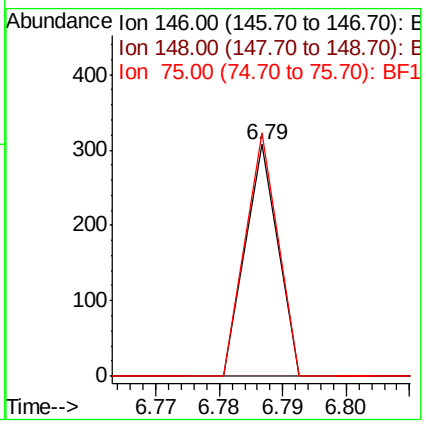


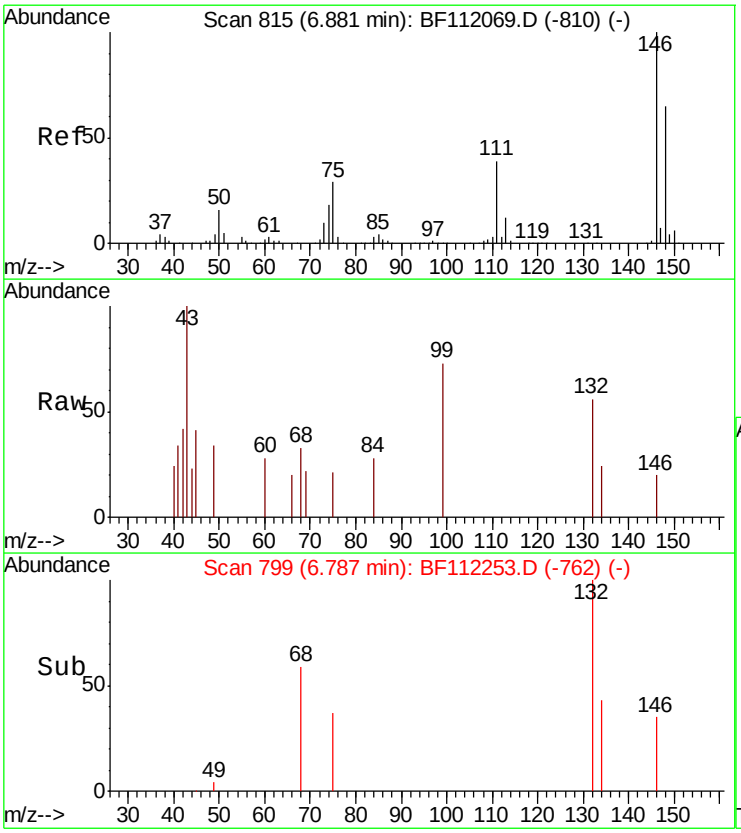
#12
1,3-Dichlorobenzene
Concen: 0.006 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.8	77.8#
75	105.2	23.1	34.7#

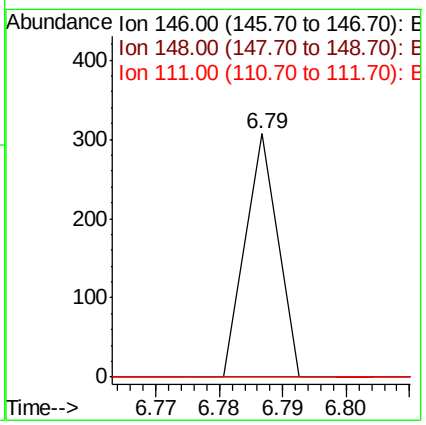


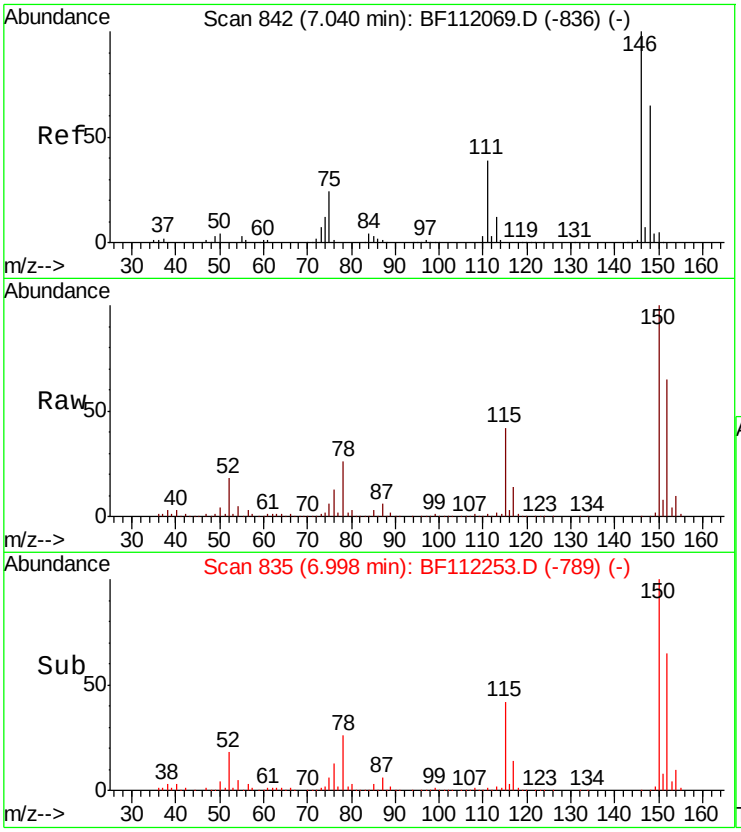


#13
1,4-Dichlorobenzene
Concen: 0.006 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.08 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:146 Resp: 108

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.0	78.0#
111	0.0	31.2	46.8#



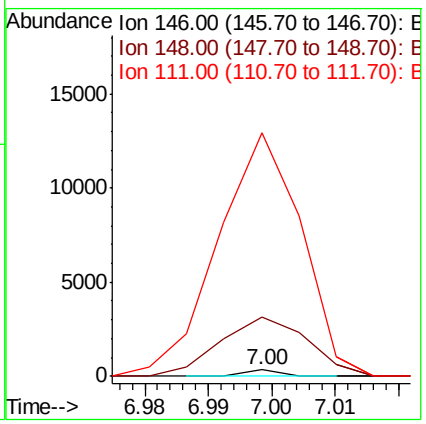


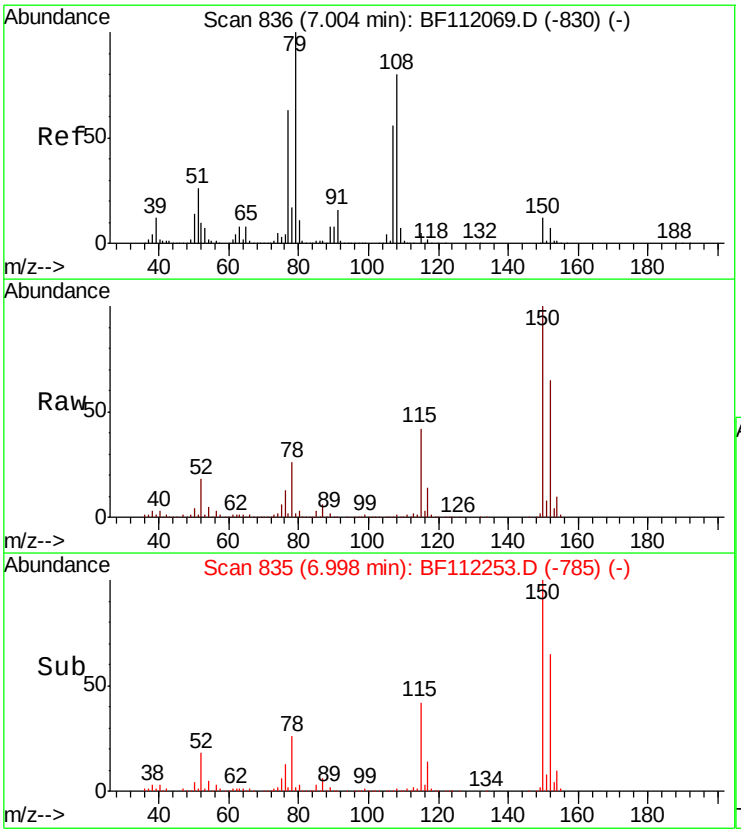
#14
1,2-Dichlorobenzene
Concen: 0.007 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:146 Resp: 120

Ion	Ratio	Lower	Upper
146	100		
148	920.0	52.2	78.4#
111	3803.8	31.2	46.8#

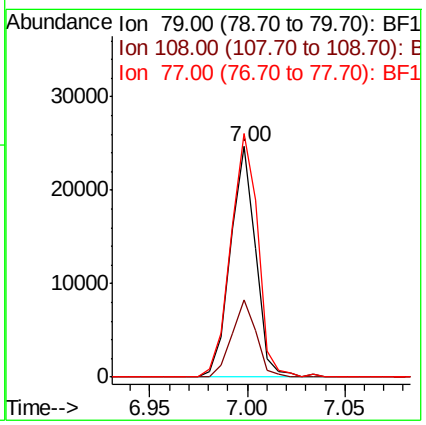


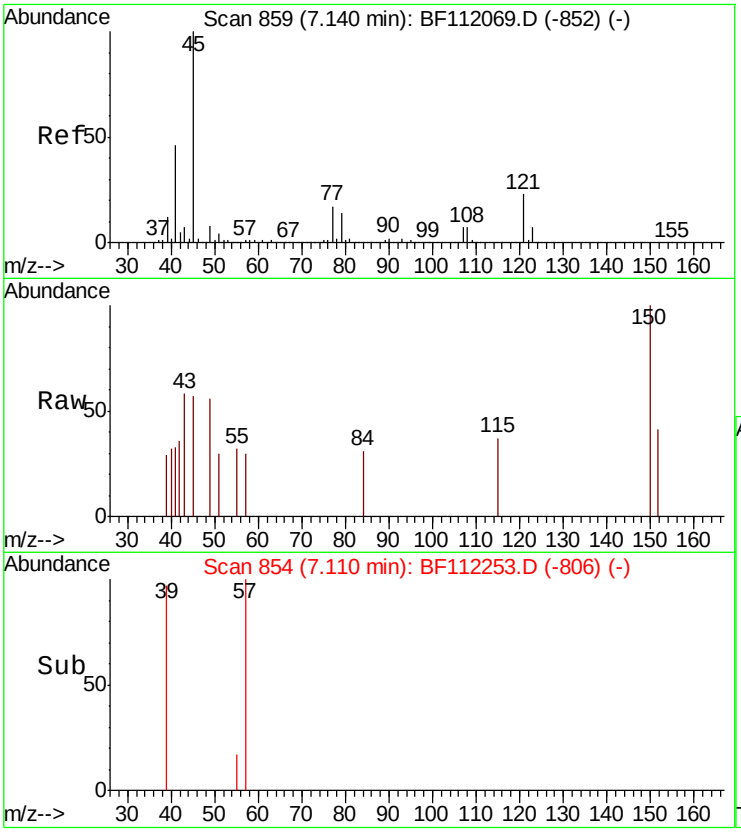


#15
Benzyl Alcohol
Concen: 1.673 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 79 Resp: 22079

Ion	Ratio	Lower	Upper
79	100		
108	33.6	64.2	96.2#
77	105.5	50.3	75.5#



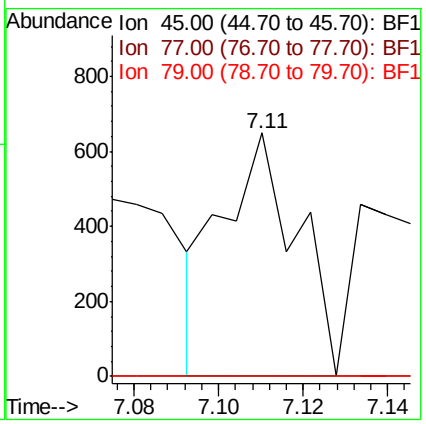


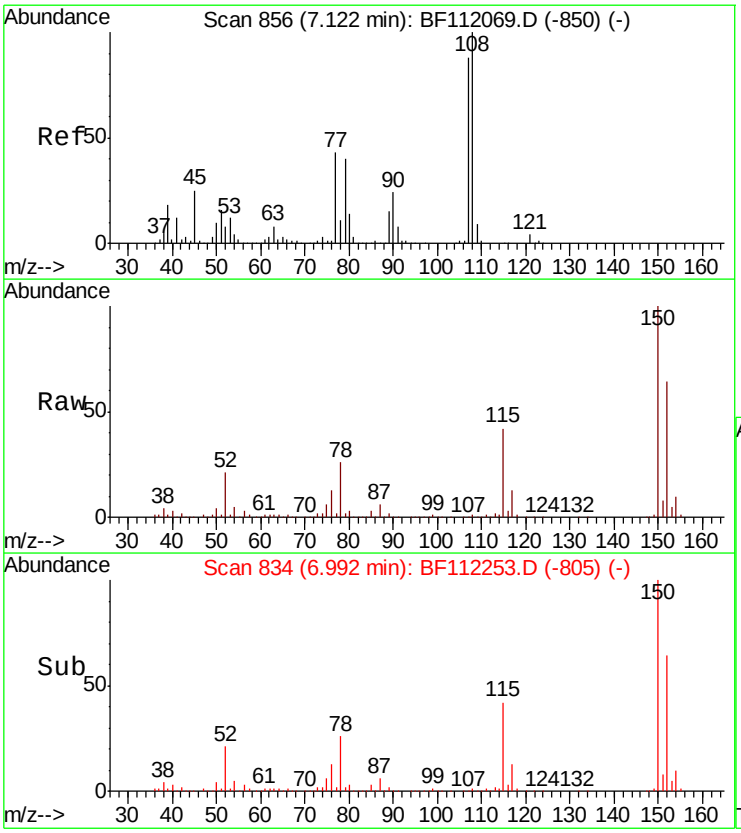
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.046 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 45 Resp: 800

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

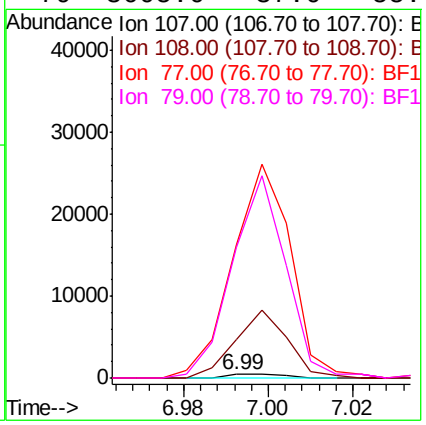


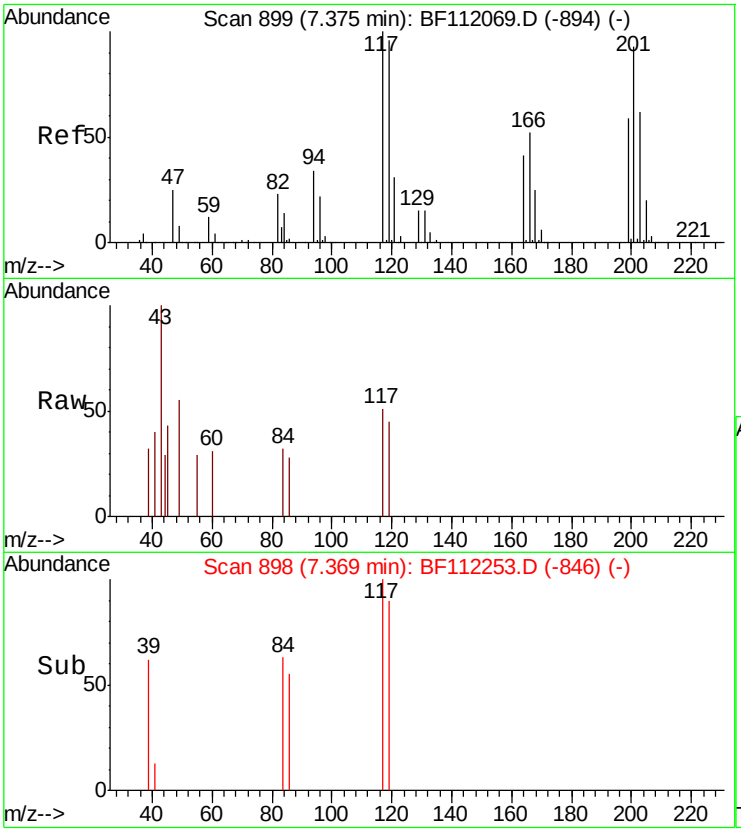


#17
2-Methylphenol
Concen: 0.037 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.13 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:107 Resp: 446

Ion	Ratio	Lower	Upper
107	100		
108	1064.3	91.3	136.9#
77	3683.3	39.0	58.6#
79	3605.0	37.0	55.4#



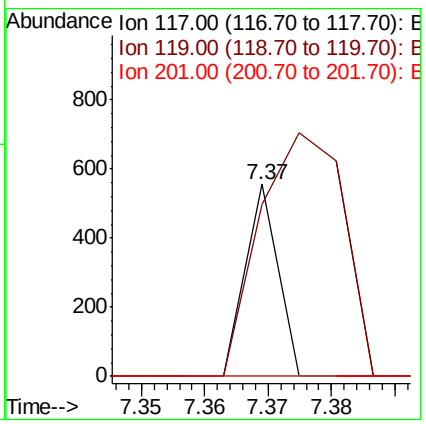


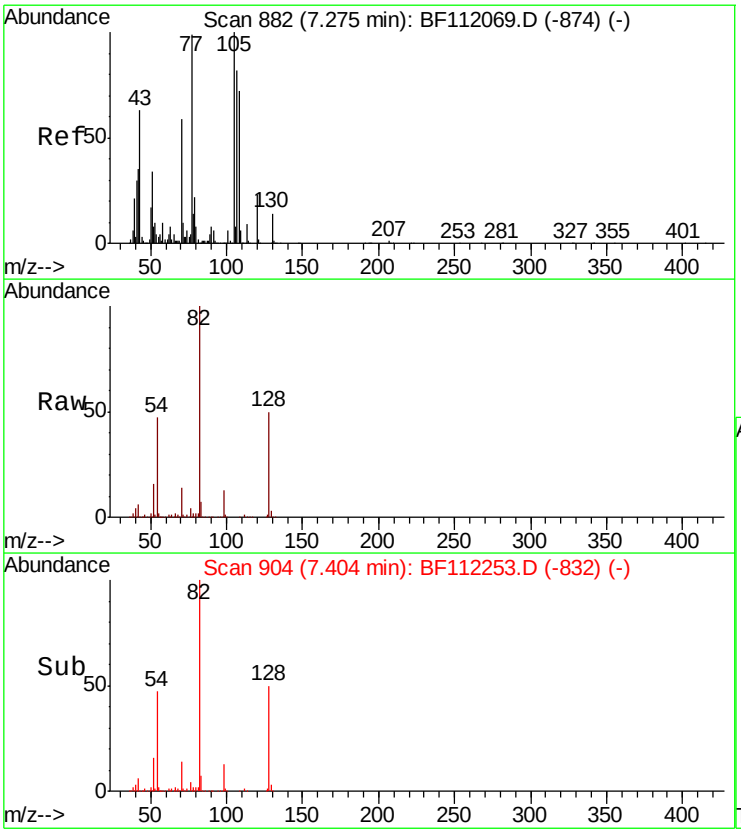
#18
Hexachloroethane
Concen: 0.031 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:117 Resp: 196

Ion	Ratio	Lower	Upper
117	100		
119	89.6	77.0	115.4
201	0.0	74.1	111.1#

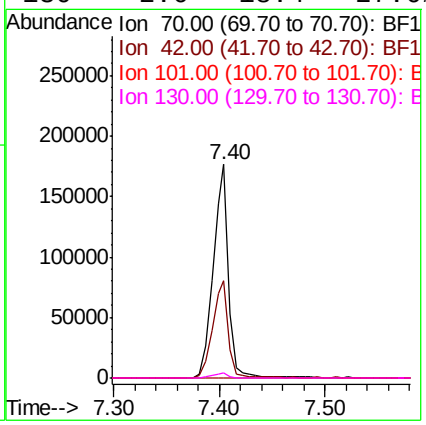


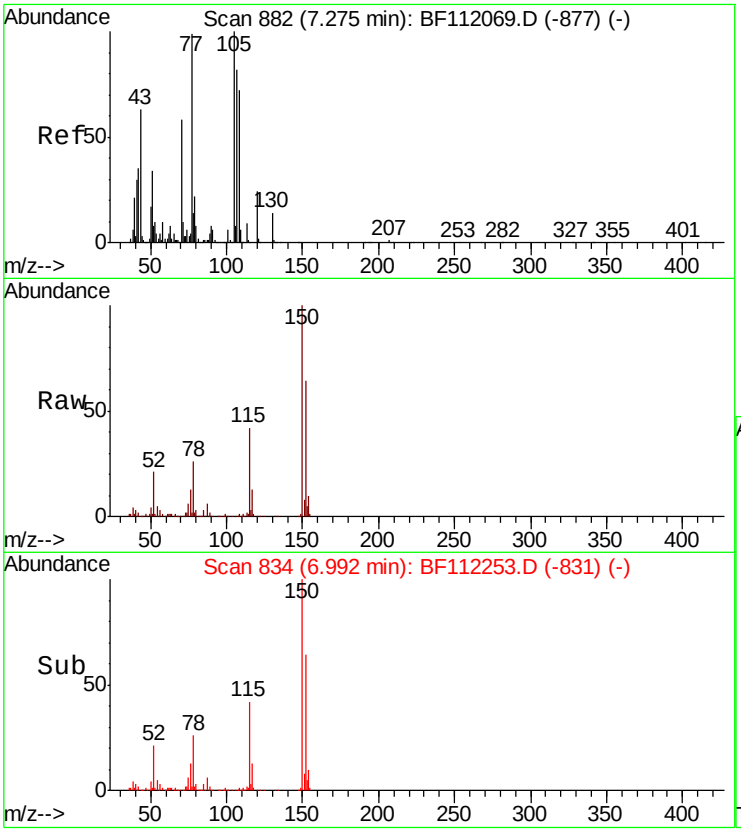


#19
n-Nitroso-di-n-propylamine
Concen: 16.726 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 70 Resp: 180516

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



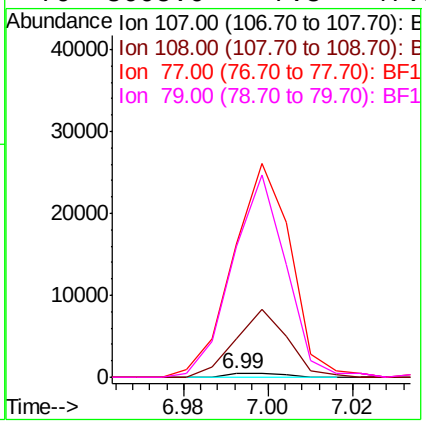


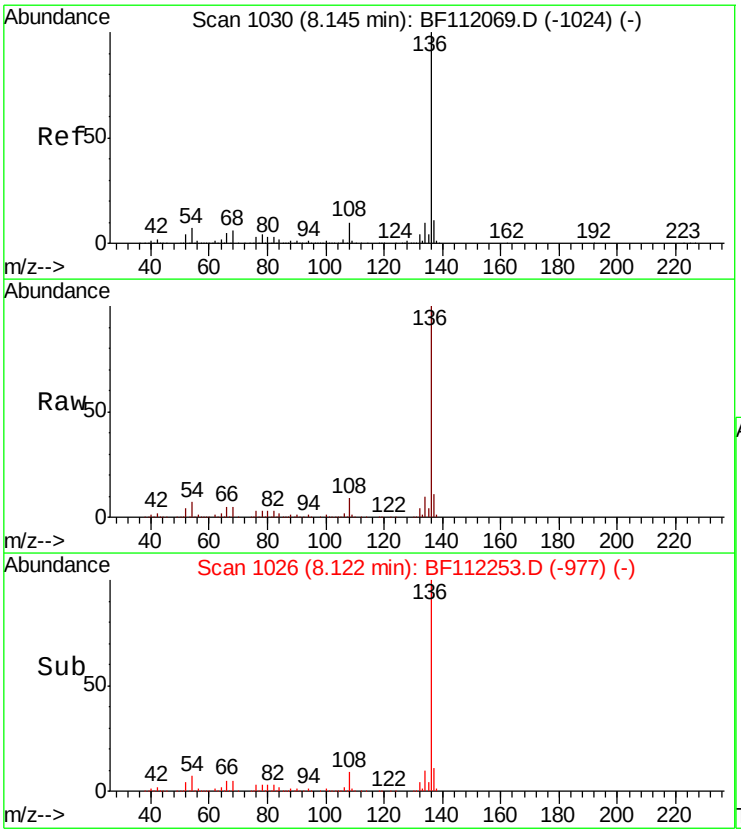
#20
3+4-Methylphenols
Concen: 0.029 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.28 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:107 Resp: 446

Ion	Ratio	Lower	Upper
107	100		
108	1064.3	68.2	108.2#
77	3683.3	100.7	140.7#
79	3605.0	7.3	47.3#

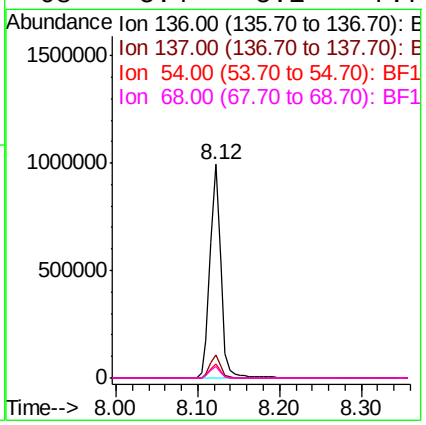


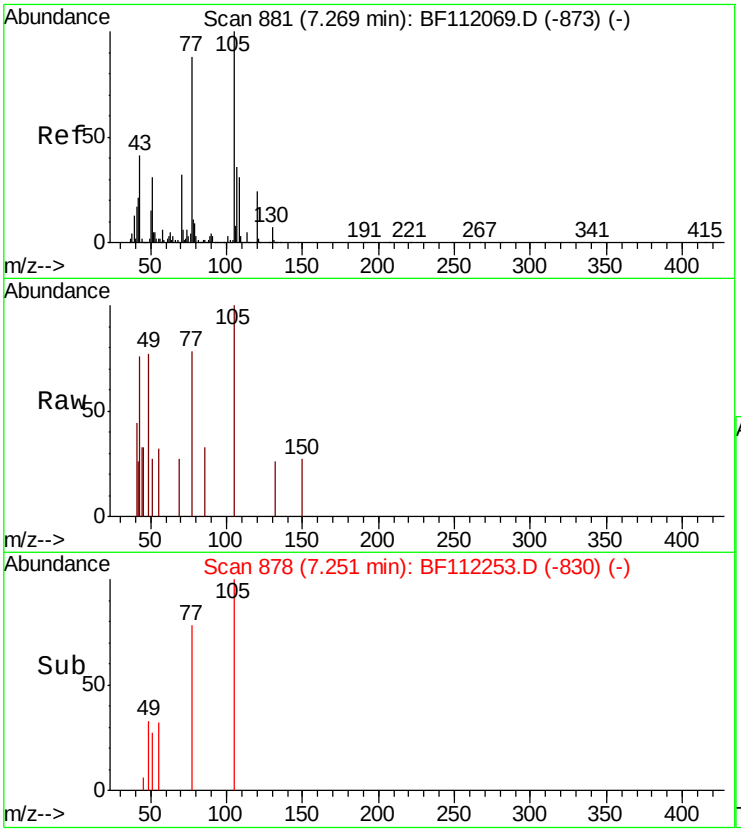


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:136 Resp: 918425

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.6	5.9	8.9
68	5.4	5.1	7.7



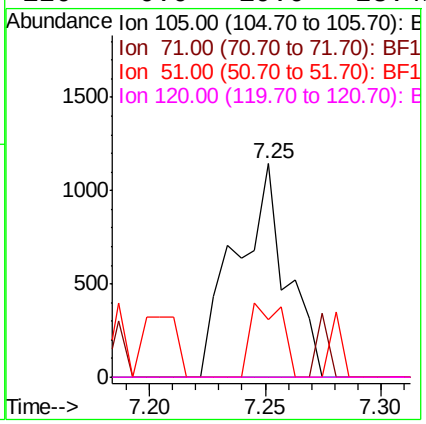


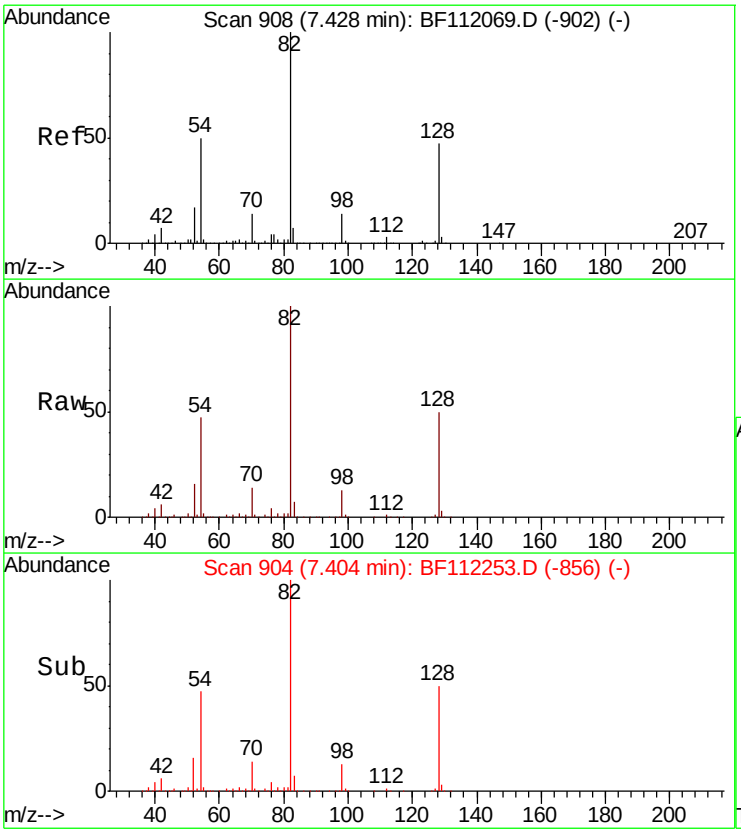
#22
Acetophenone
Concen: 0.078 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:105 Resp: 1734

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

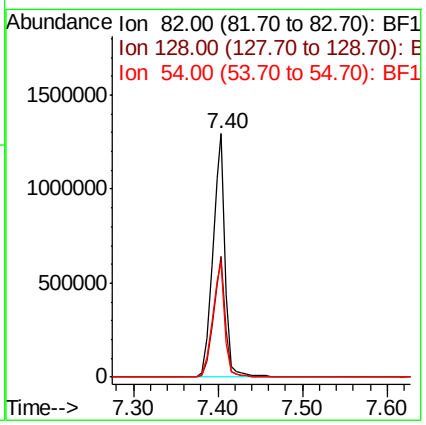


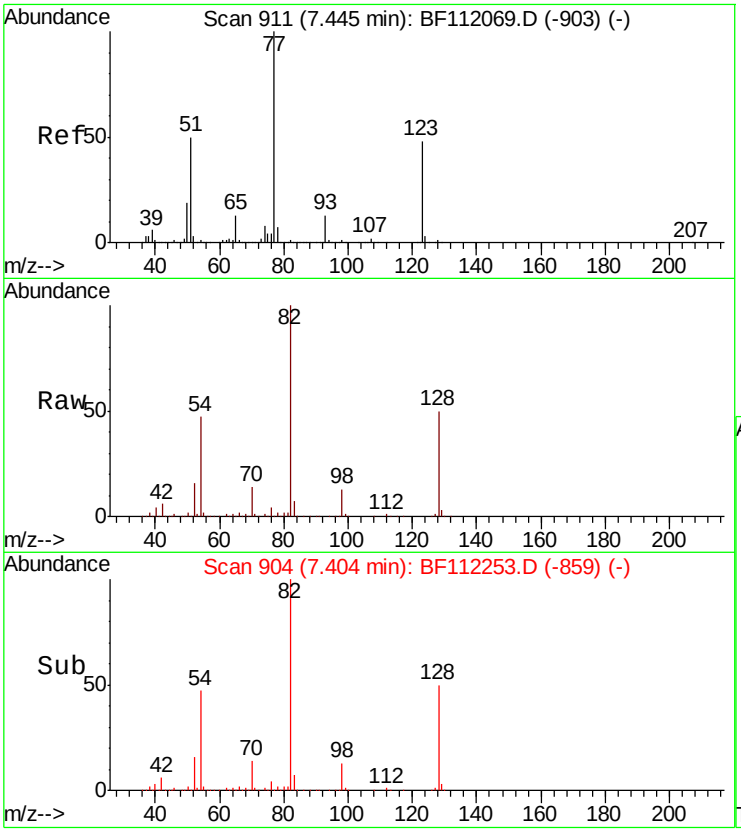


#23
Nitrobenzene-d5
Concen: 84.555 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 82 Resp: 1347754

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.8	56.8
54	47.2	39.7	59.5



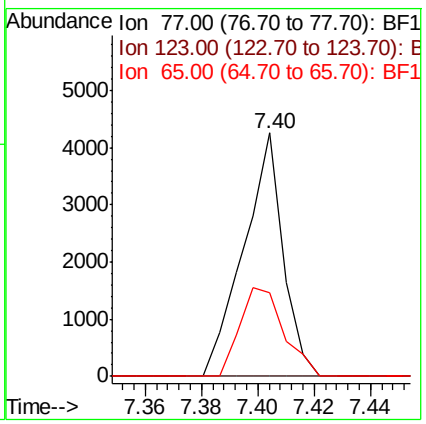


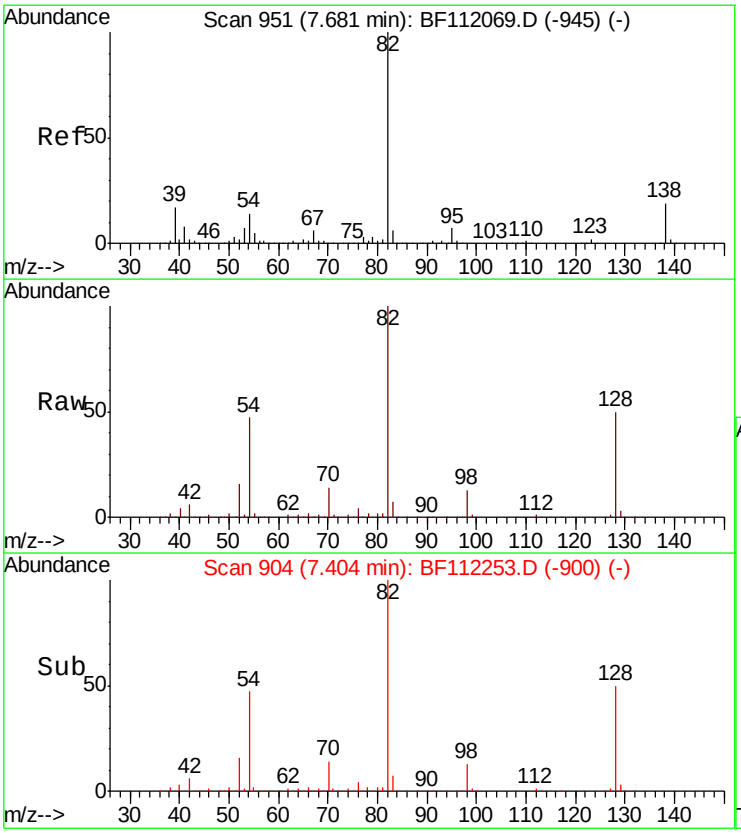
#24
Nitrobenzene
Concen: 0.259 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 77 Resp: 4122

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	34.4	10.6	15.8#

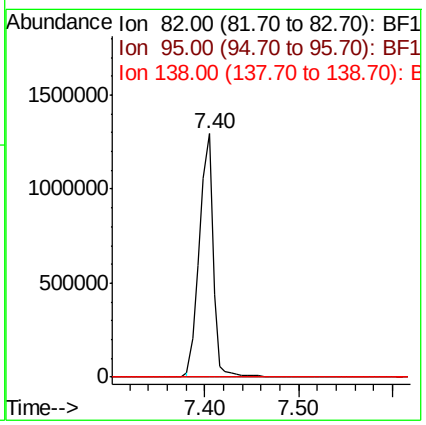


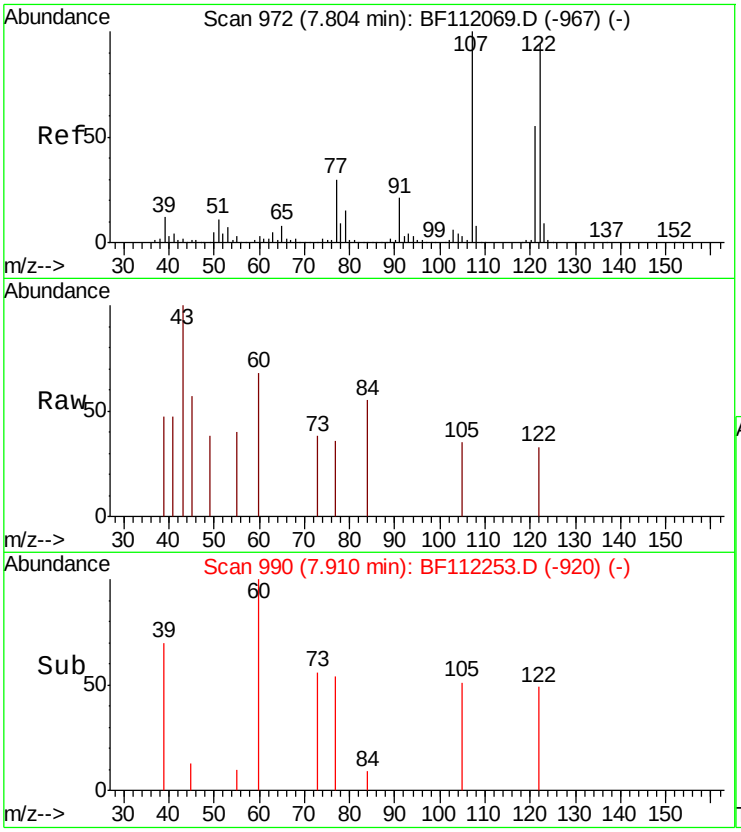


#25
Isophorone
Concen: 53.053 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 82 Resp: 1326626

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



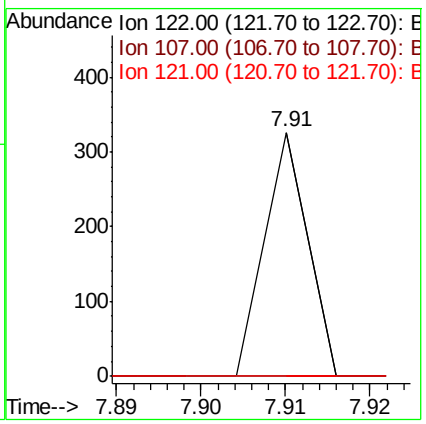


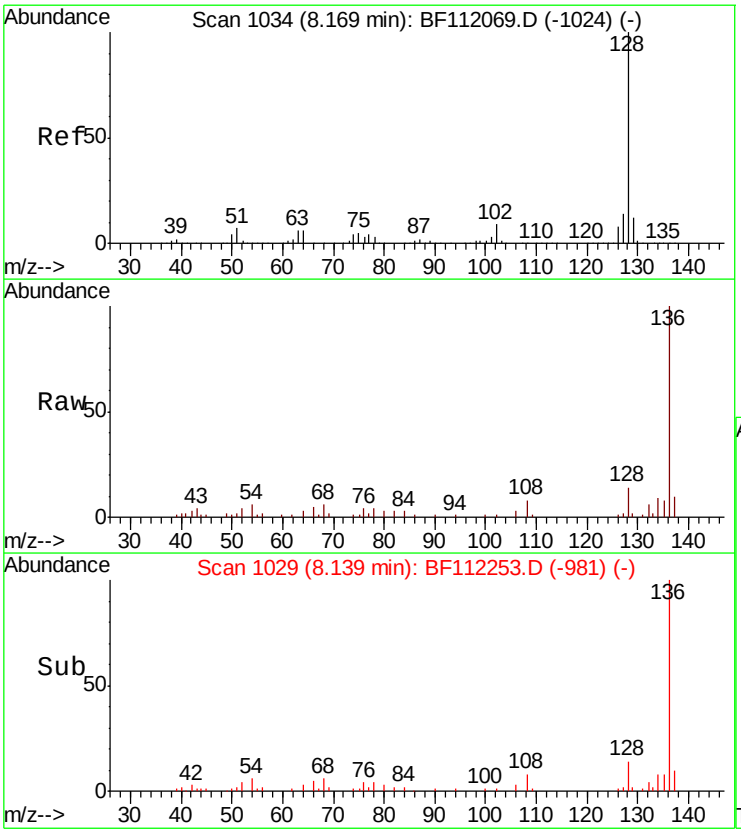
#27
2,4-Dimethylphenol
Concen: 0.010 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.11 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.4	128.0#
121	0.0	47.0	70.4#

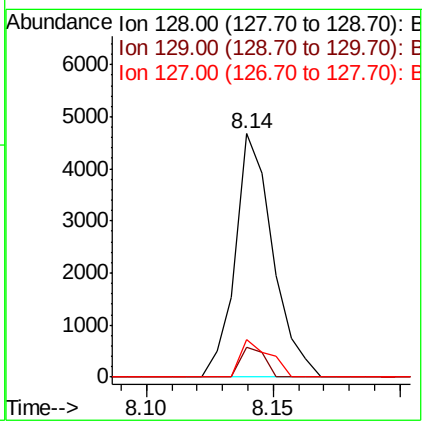


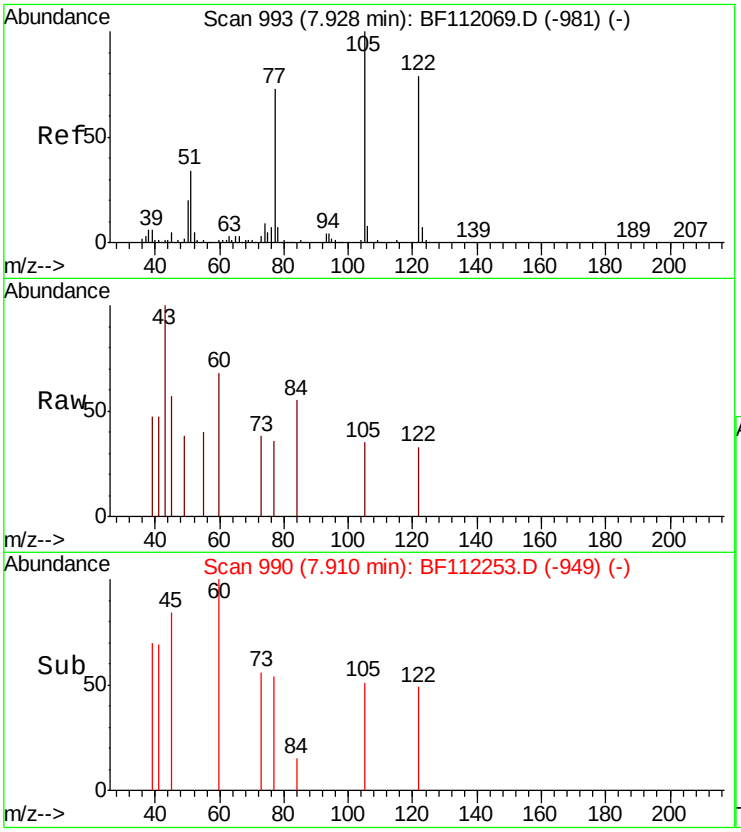


#31
Naphthalene
Concen: 0.112 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:128 Resp: 4820

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	15.3	11.1	16.7



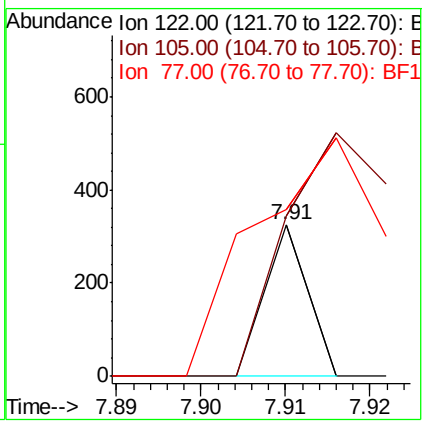


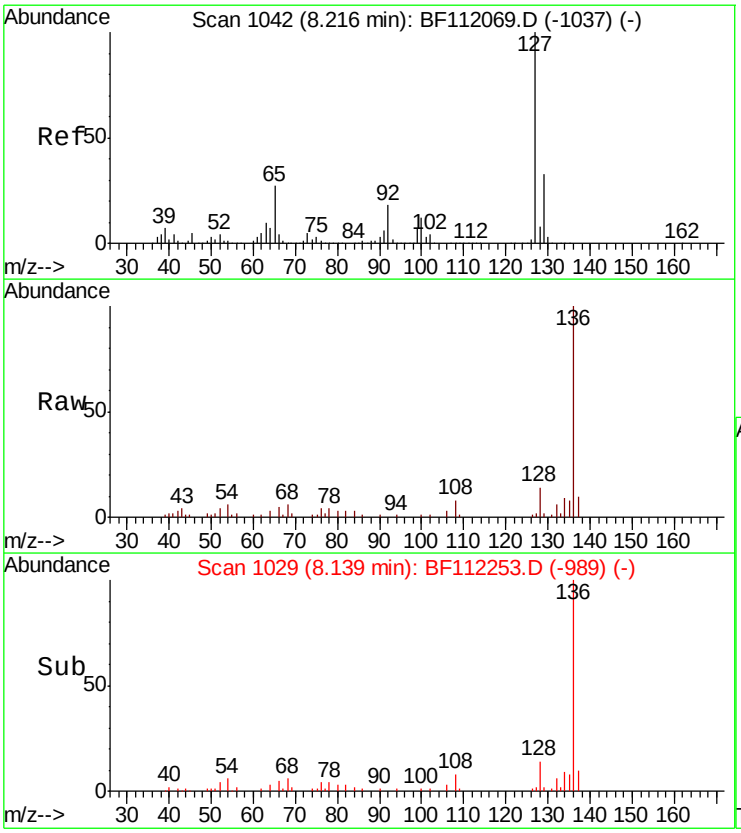
#32
Benzoic acid
Concen: 0.017 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.06 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	105.5	101.2	141.2
77	109.8	70.4	110.4

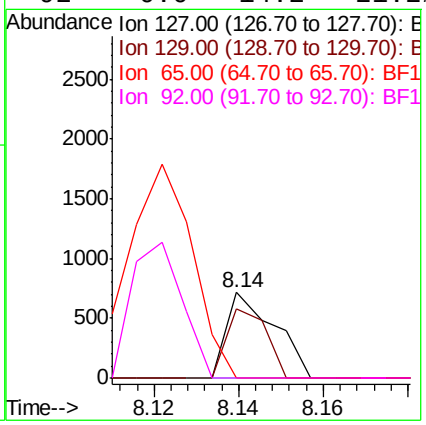


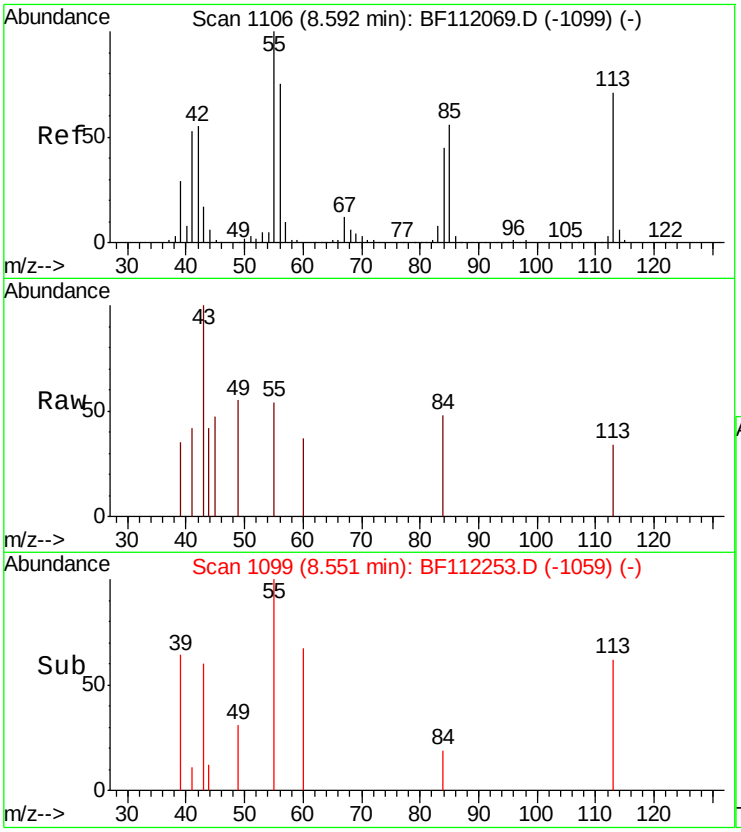


#33
4-Chloroaniline
Concen: 0.030 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:127 Resp: 561

Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.6	39.8#
65	0.0	21.4	32.2#
92	0.0	14.2	21.2#



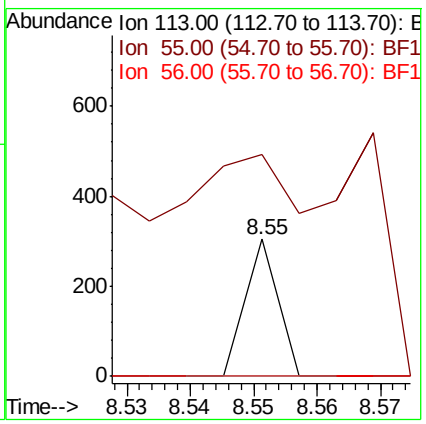


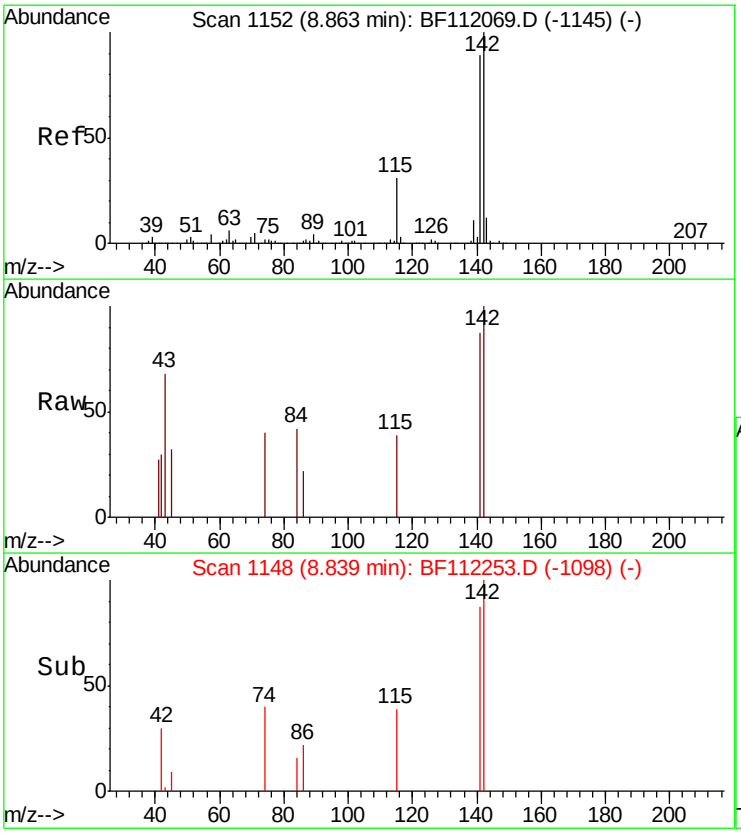
#35
Caprolactam
Concen: 0.023 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:113 Resp: 108

Ion	Ratio	Lower	Upper
113	100		
55	161.6	121.6	161.6#
56	0.0	86.7	126.7#

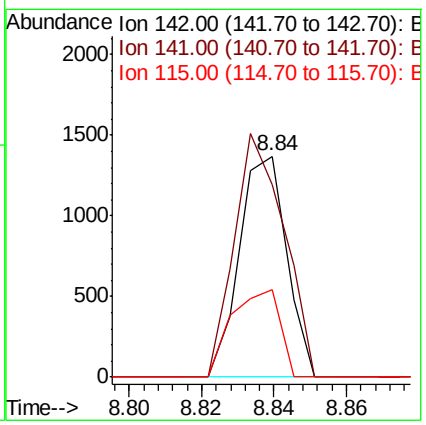


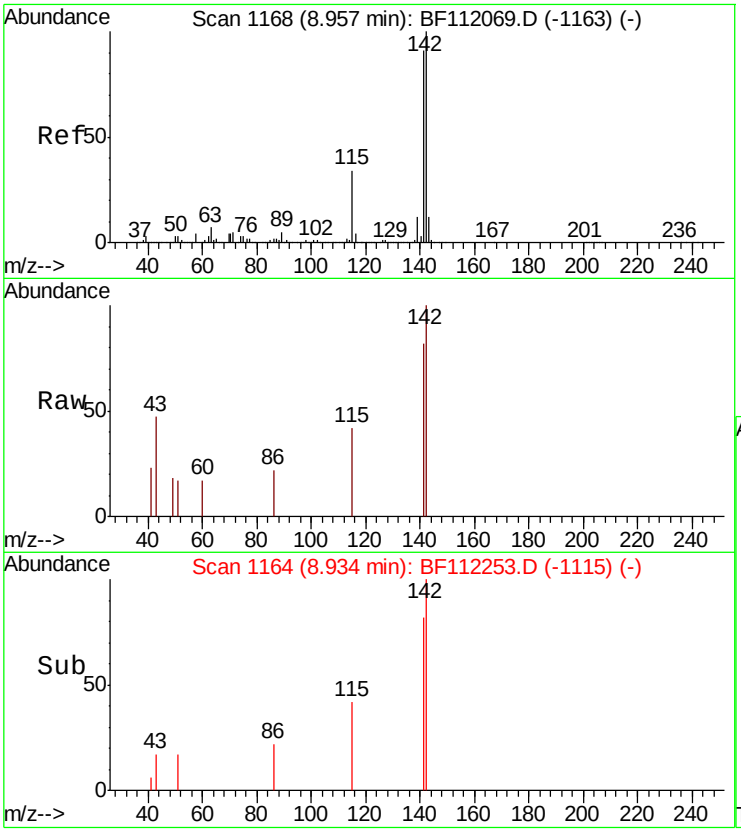


#37
2-Methylnaphthalene
Concen: 0.042 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:142 Resp: 1237

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.9	106.3
115	39.3	24.9	37.3#



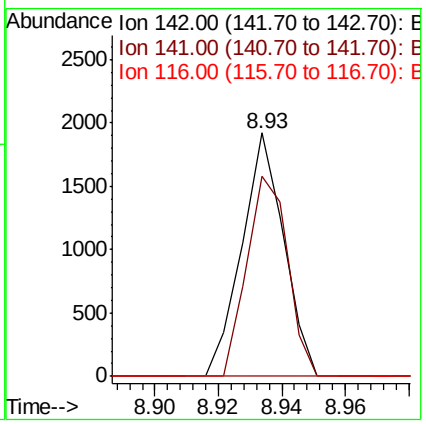


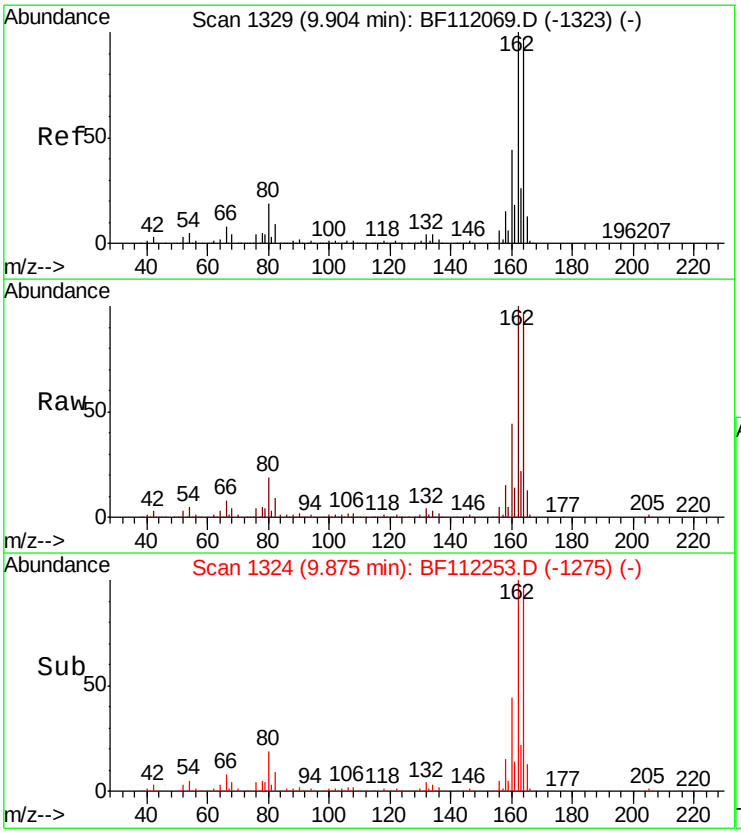
#38
1-Methylnaphthalene
Concen: 0.063 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:142 Resp: 1762

Ion	Ratio	Lower	Upper
142	100		
141	82.2	72.6	108.8
116	0.0	2.8	4.2#

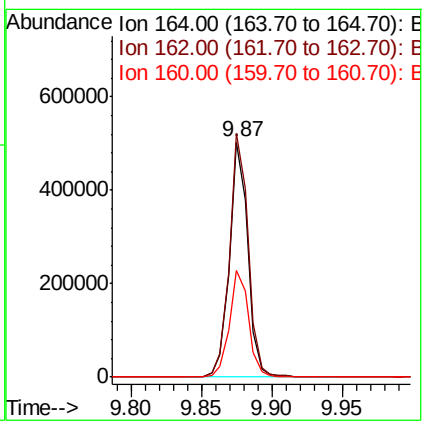


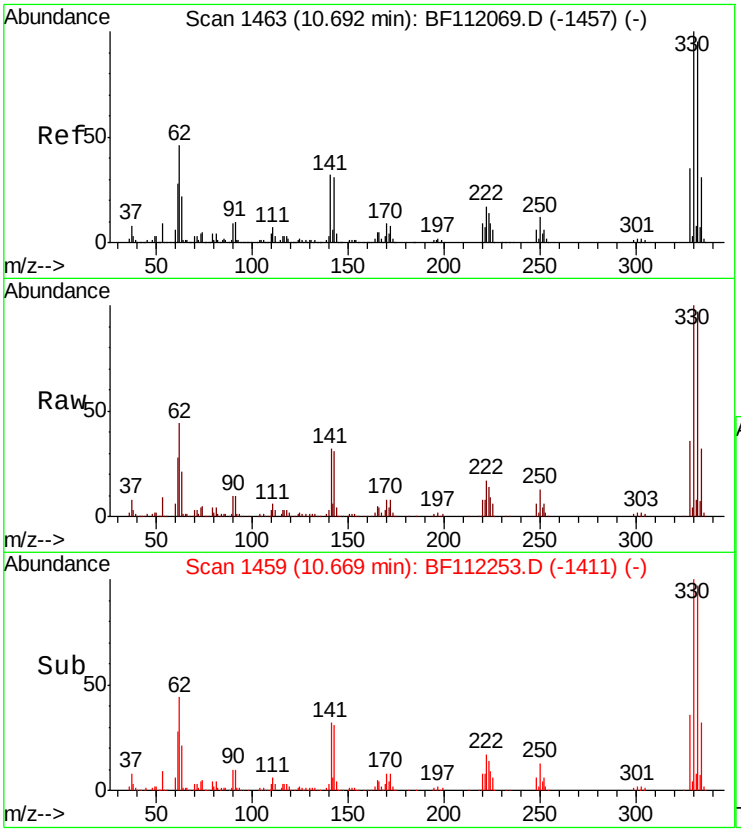


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:164 Resp: 455761

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



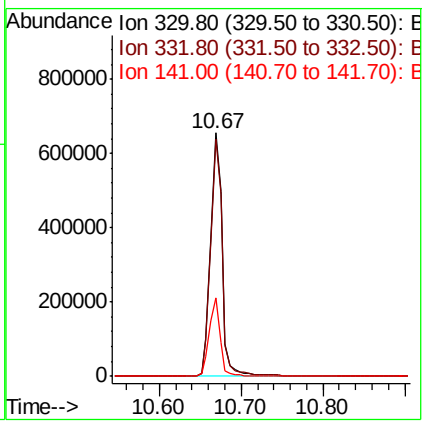


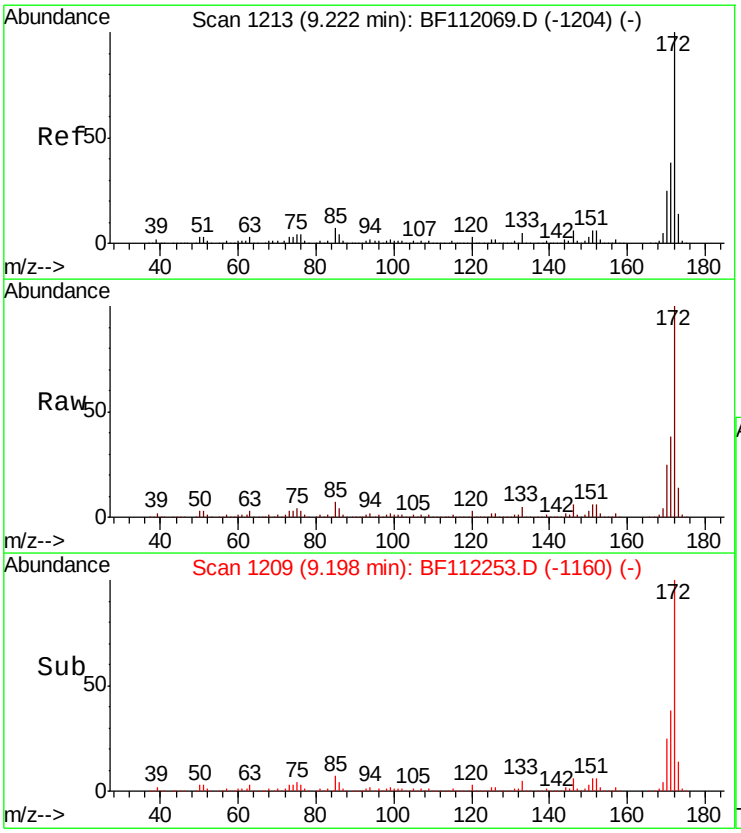
#42
2,4,6-Tribromophenol
Concen: 122.518 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:330 Resp: 649951

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	30.5	24.3	36.5

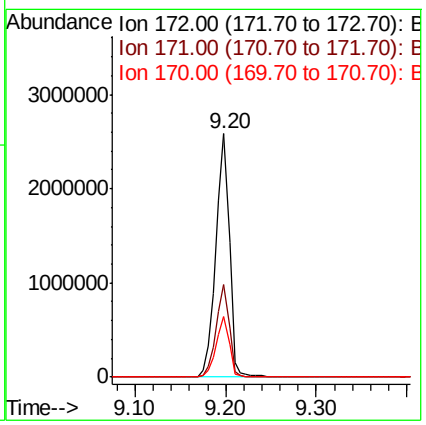


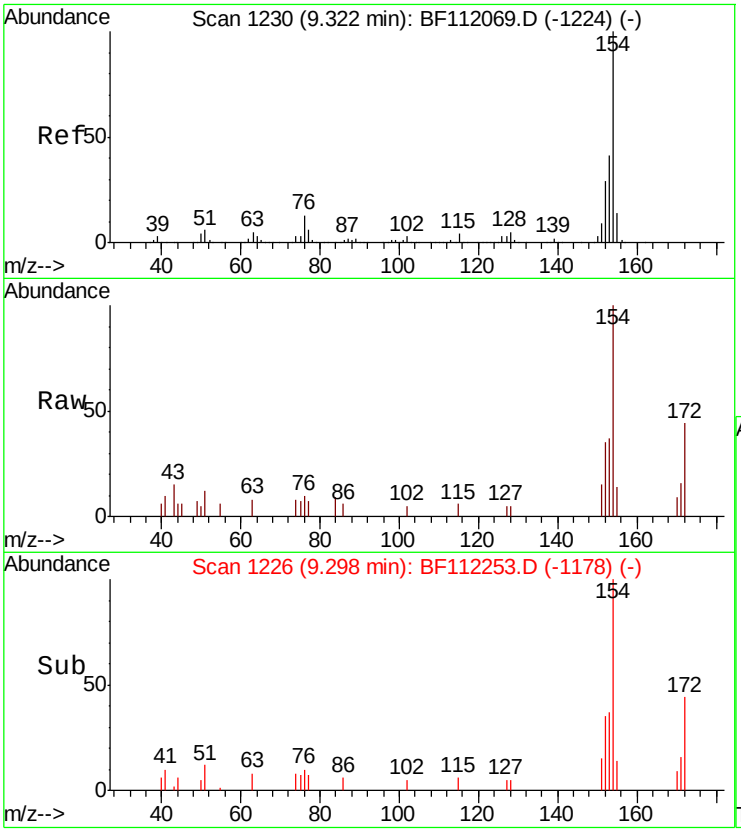


#45
2-Fluorobiphenyl
Concen: 82.331 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:172 Resp: 2653066

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.0	20.2	30.4



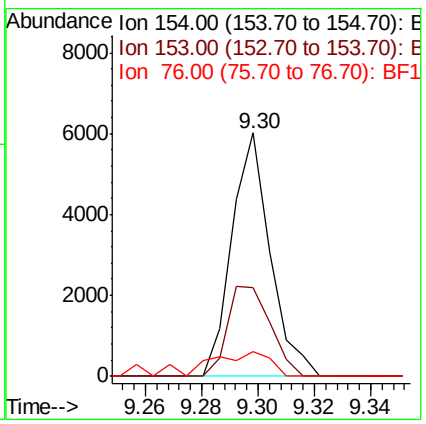


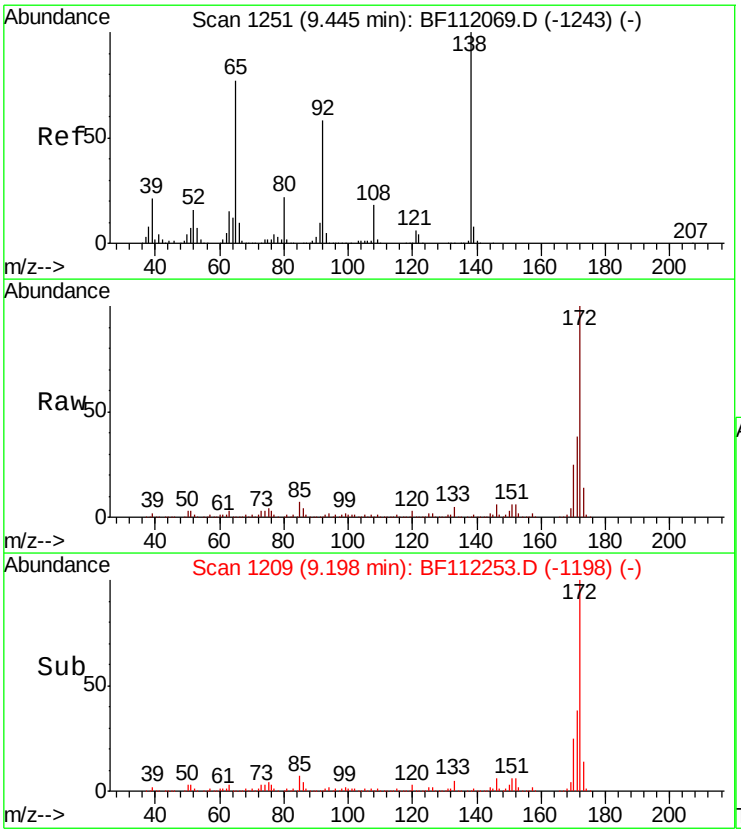
#46
1,1'-Biphenyl
Concen: 0.142 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:154 Resp: 5670

Ion	Ratio	Lower	Upper
154	100		
153	36.7	21.5	61.5
76	10.1	0.0	33.1

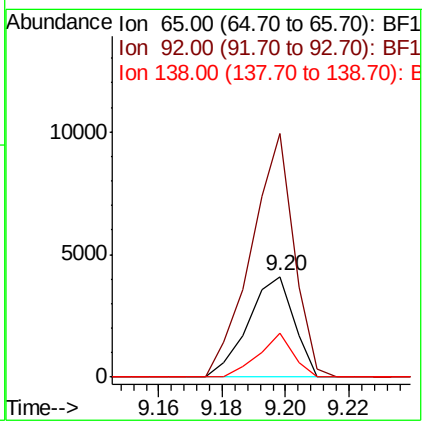


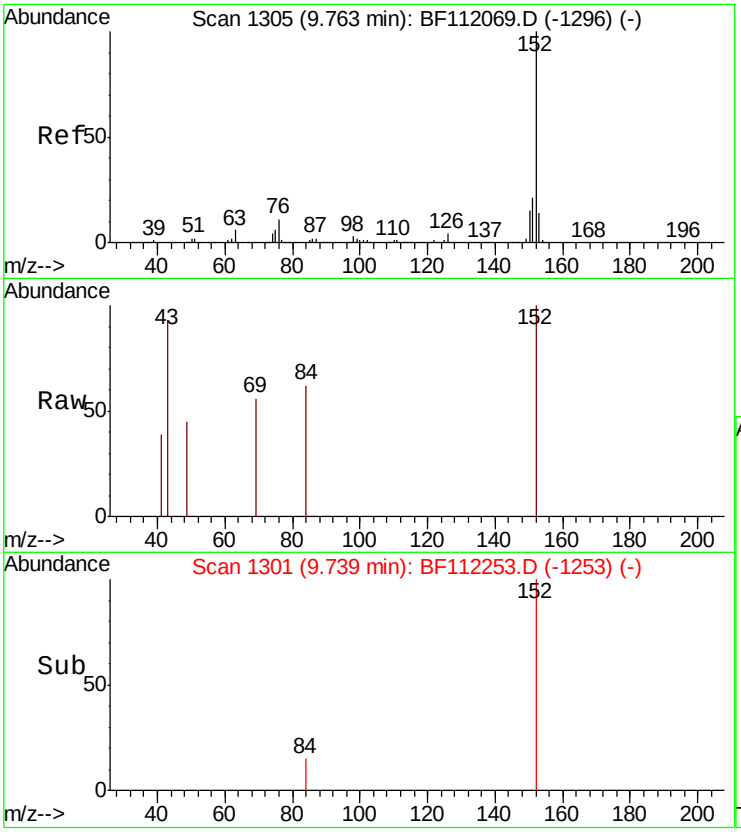


#48
2-Nitroaniline
Concen: 0.486 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.24 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion: 65 Resp: 4093

Ion	Ratio	Lower	Upper
65	100		
92	241.7	60.4	90.6#
138	43.2	104.4	156.6#



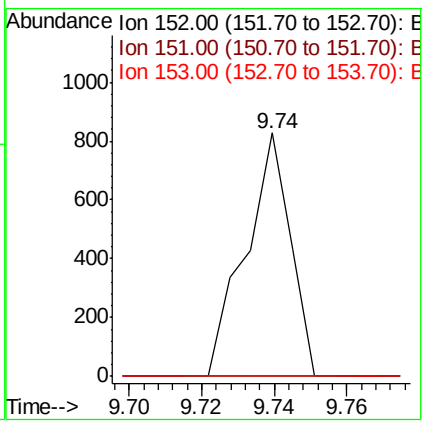


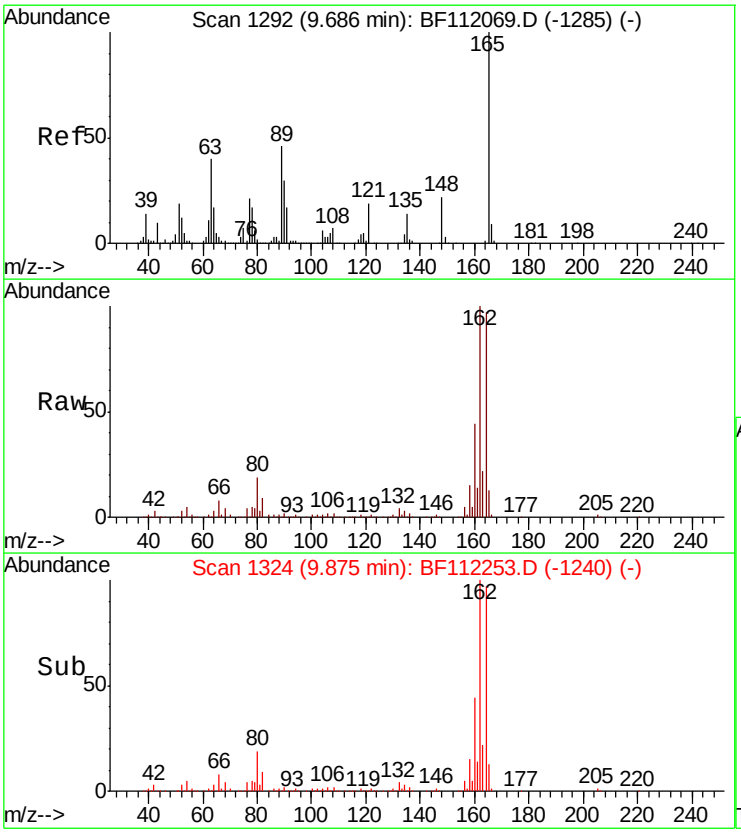
#49
Acenaphthylene
Concen: 0.016 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:152 Resp: 715

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

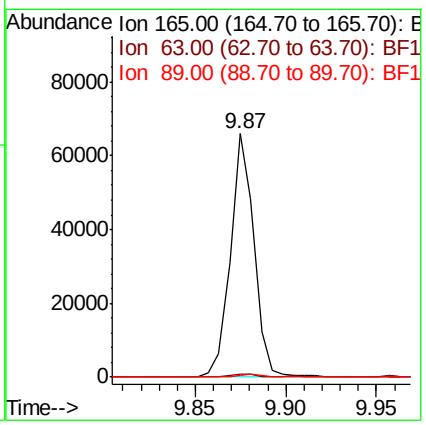


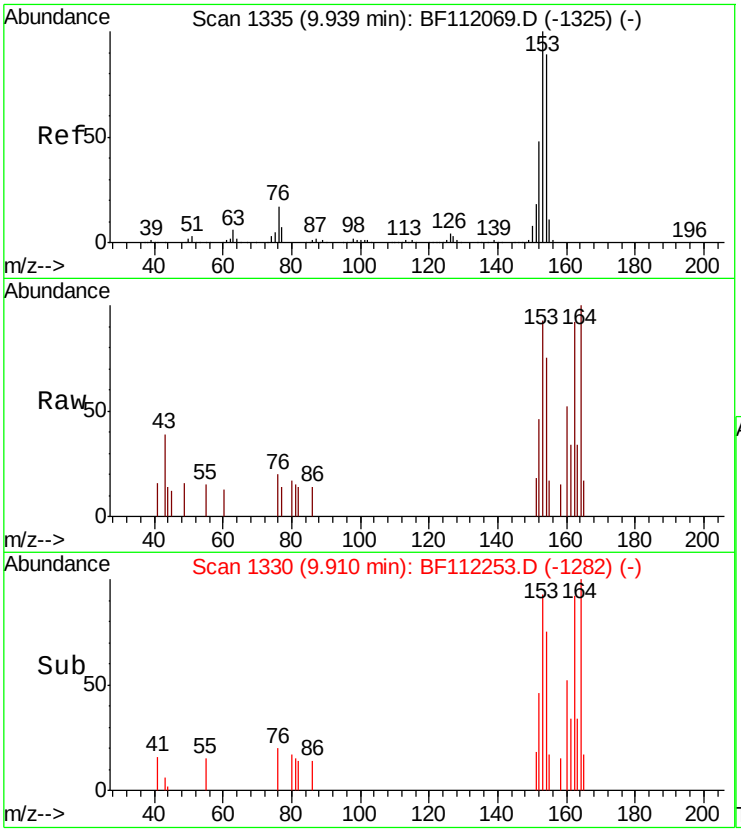


#51
2,6-Dinitrotoluene
Concen: 7.529 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:165 Resp: 59709

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	0.8	36.9	55.3#



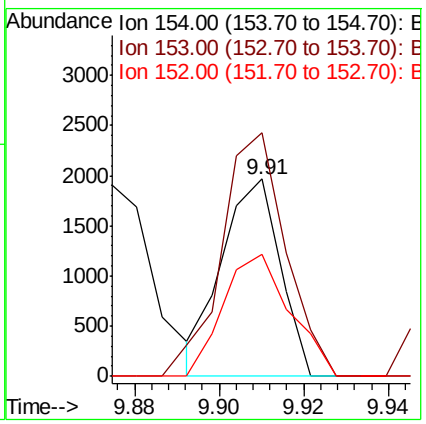


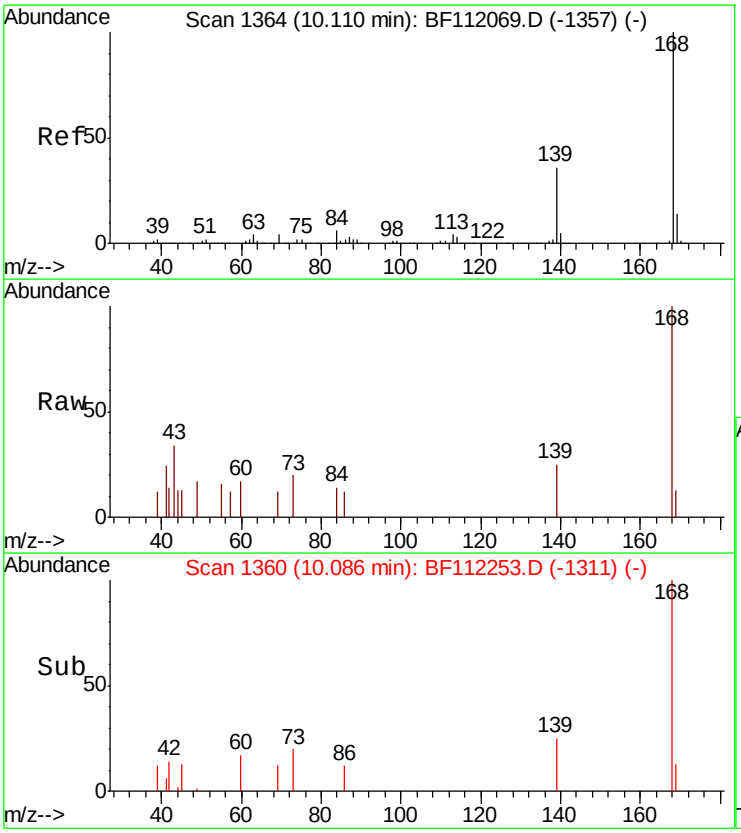
#52
Acenaphthene
Concen: 0.069 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:154 Resp: 1879

Ion	Ratio	Lower	Upper
154	100		
153	123.5	89.8	134.6
152	61.6	43.5	65.3

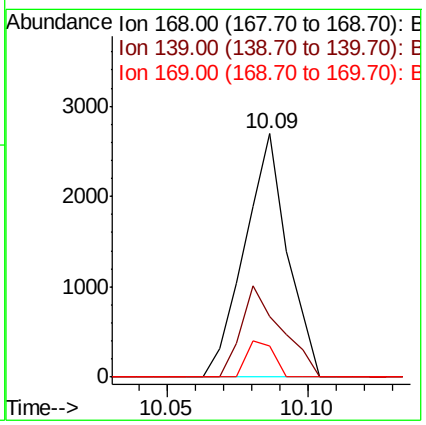


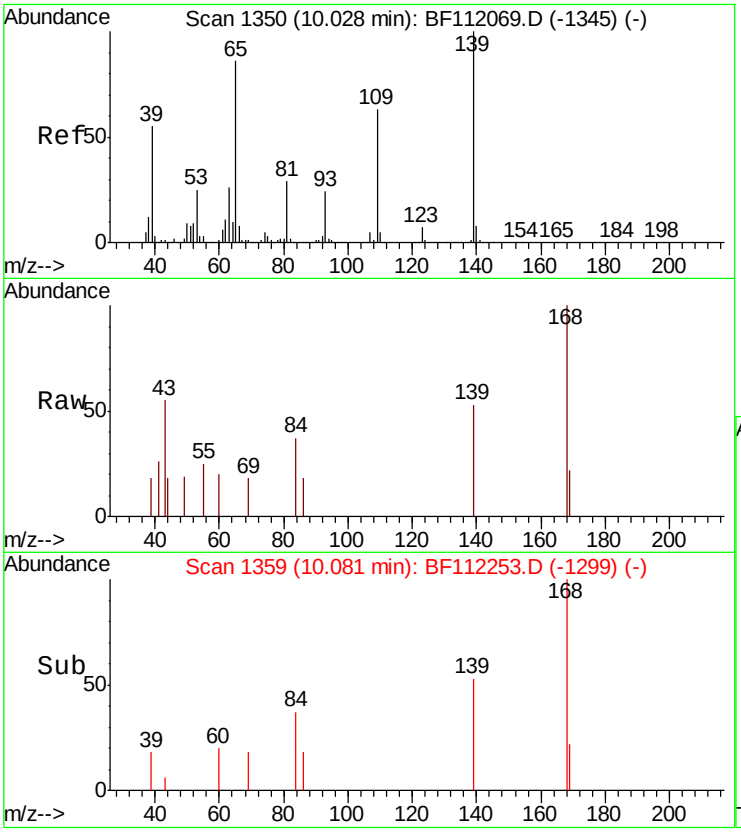


#55
Dibenzofuran
Concen: 0.069 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:168 Resp: 2836

Ion	Ratio	Lower	Upper
168	100		
139	24.7	29.2	43.8#
169	12.8	11.4	17.0



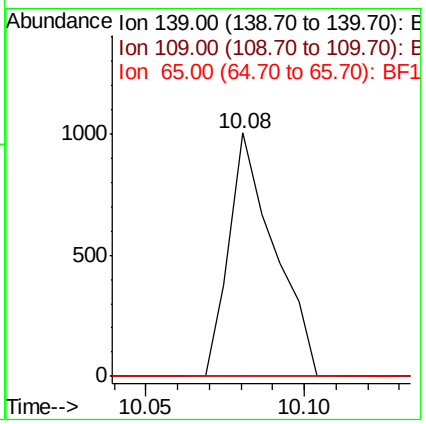


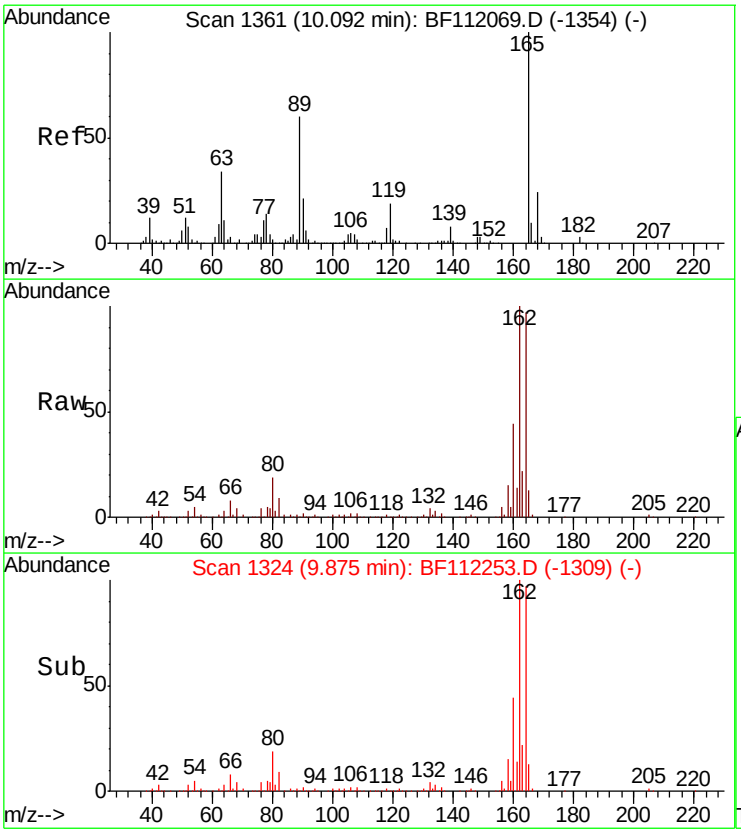
#56
4-Nitrophenol
Concen: 0.219 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.05 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:139 Resp: 997

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

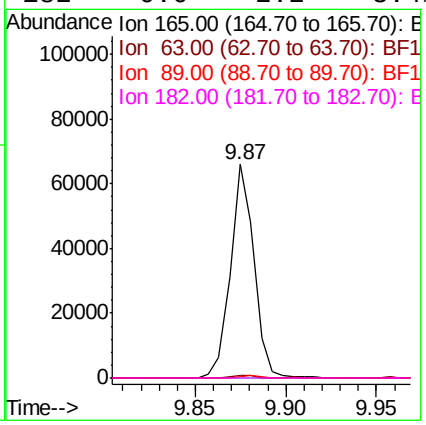


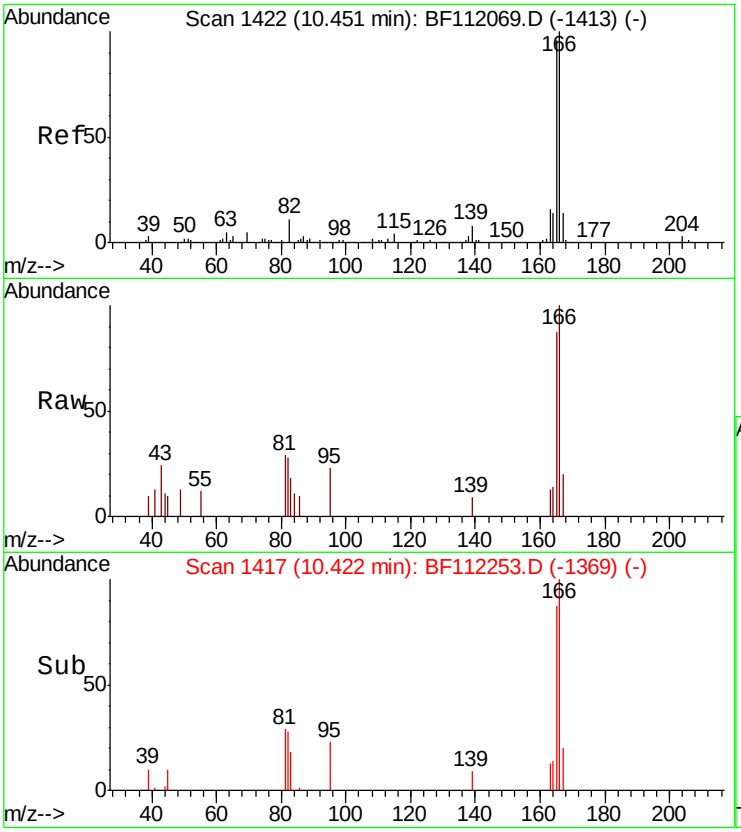


#57
2,4-Dinitrotoluene
Concen: 5.914 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:165 Resp: 59709

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	0.8	47.9	71.9#
182	0.0	2.2	3.4#



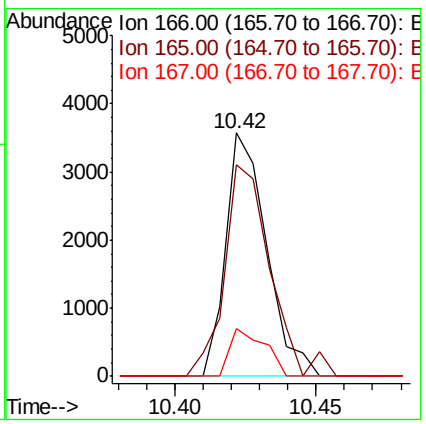


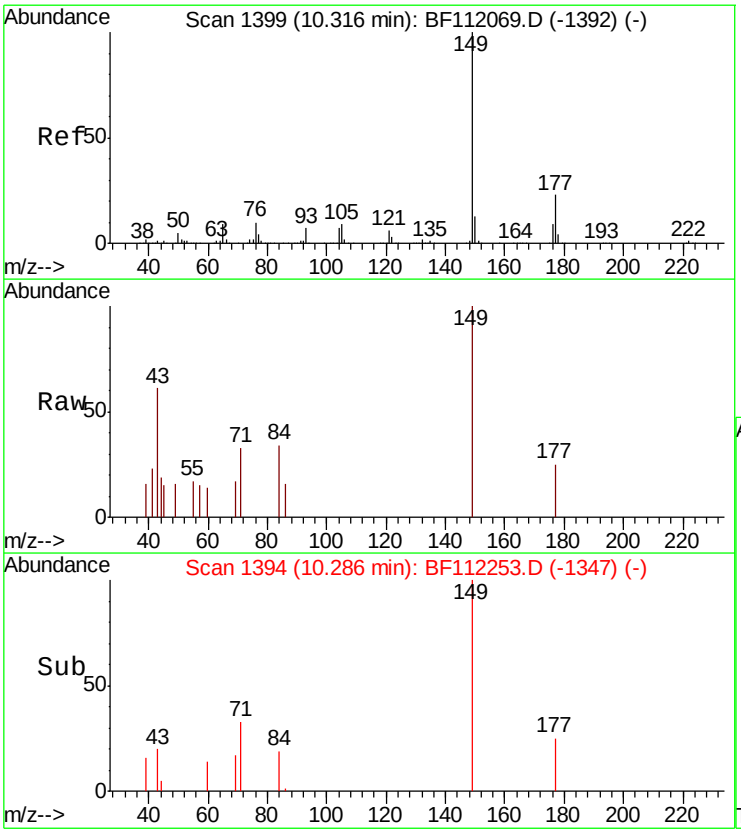
#58
Fluorene
Concen: 0.116 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:166 Resp: 3585

Ion	Ratio	Lower	Upper
166	100		
165	87.0	77.1	115.7
167	19.7	11.3	16.9#

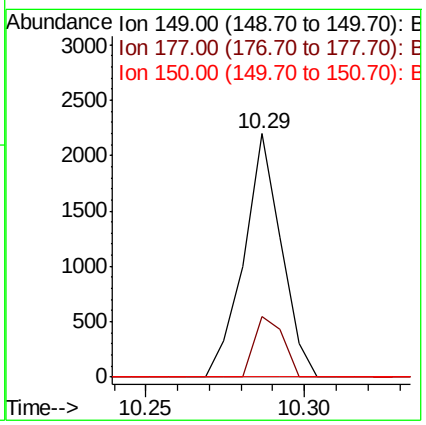


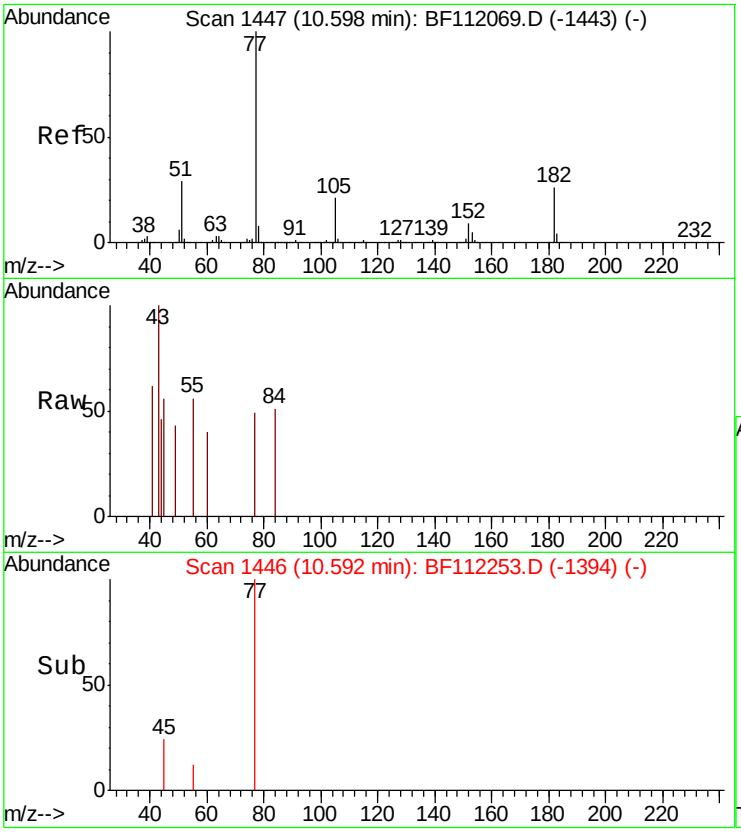


#60
Diethylphthalate
Concen: 0.051 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:149 Resp: 1794

Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.2	27.2
150	0.0	10.4	15.6#



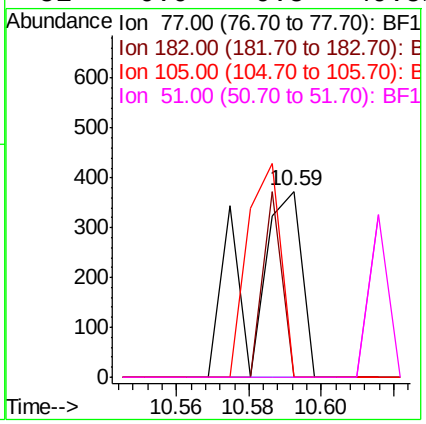


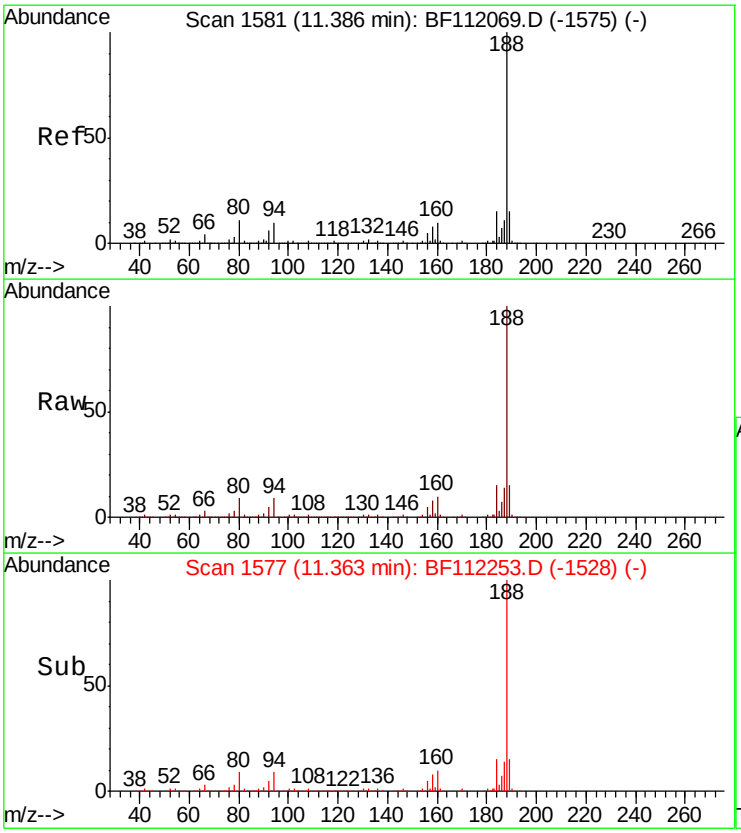
#63
Azobenzene
Concen: 0.012 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion: 77 Resp: 367

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

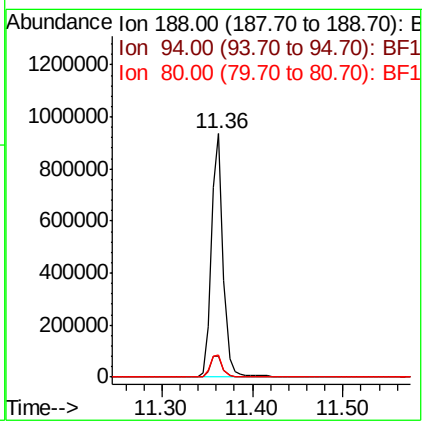


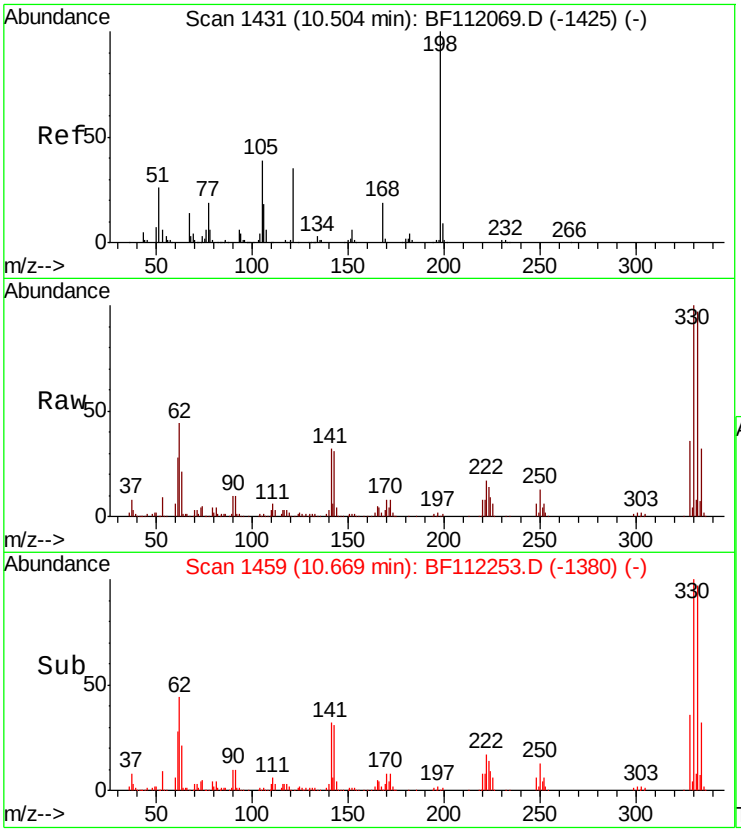


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:188 Resp: 844374

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.2	8.9	13.3



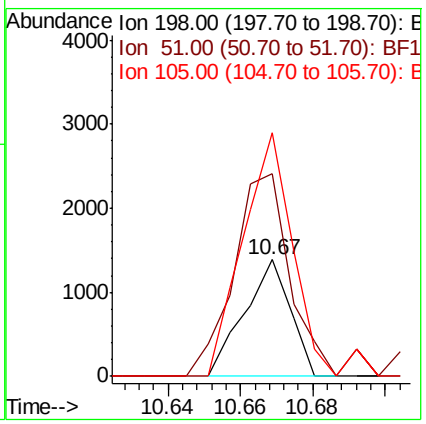


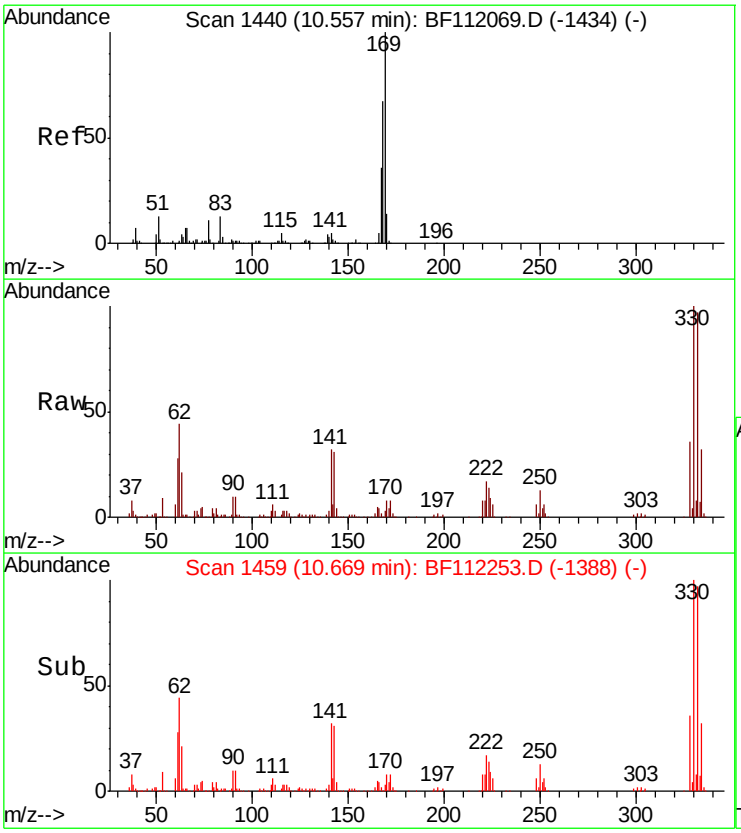
#65
4,6-Dinitro-2-methylphenol
Concen: 0.257 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.16 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:198 Resp: 1219

Ion	Ratio	Lower	Upper
198	100		
51	173.7	17.2	57.2#
105	209.0	21.9	61.9#

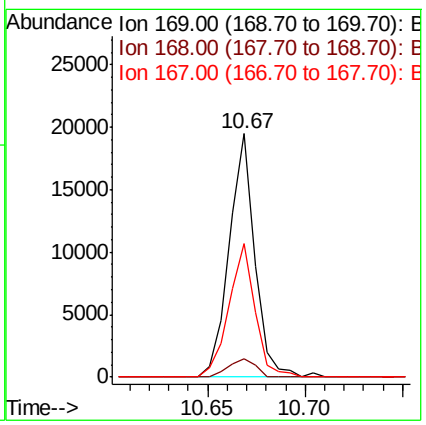


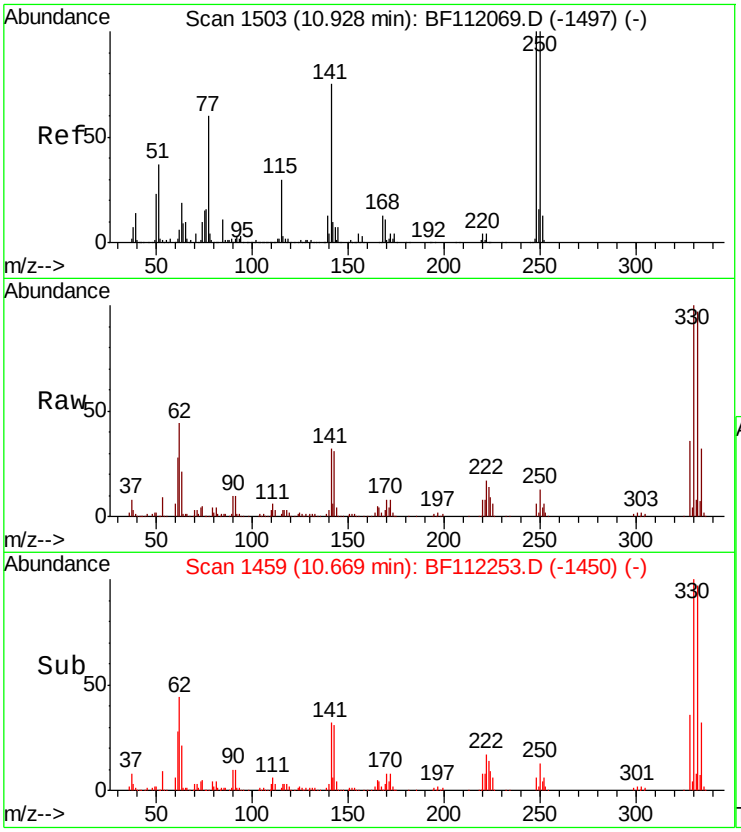


#66
n-Nitrosodiphenylamine
Concen: 0.626 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.12 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:169 Resp: 17809

Ion	Ratio	Lower	Upper
169	100		
168	7.6	53.9	80.9#
167	54.8	28.9	43.3#



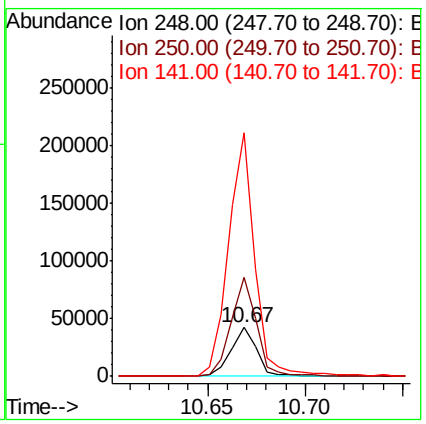


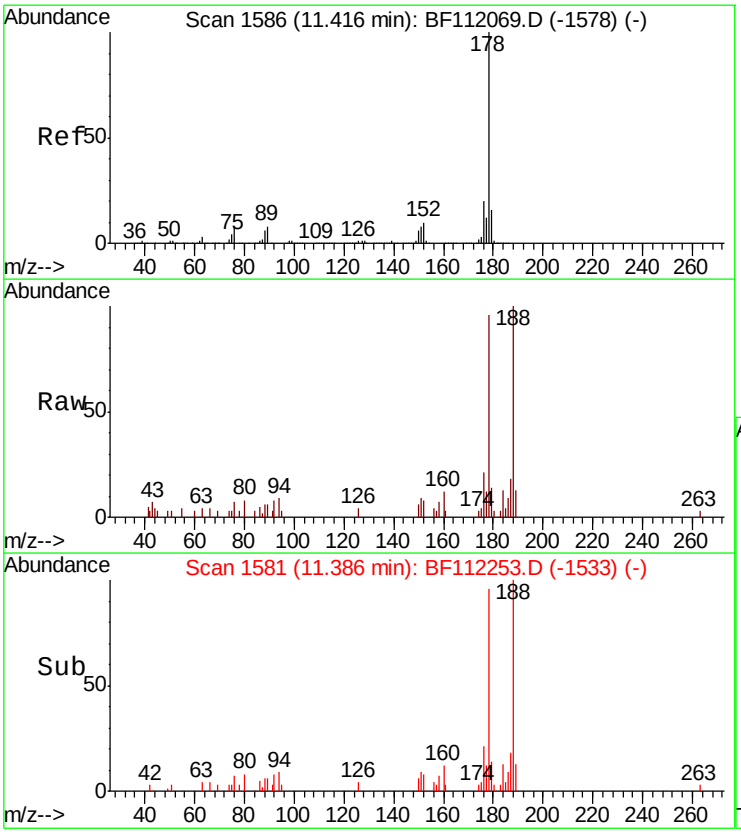
#67
4-Bromophenyl-phenylether
Concen: 3.896 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:248 Resp: 38694

Ion	Ratio	Lower	Upper
248	100		
250	202.2	79.7	119.5#
141	499.1	60.3	90.5#

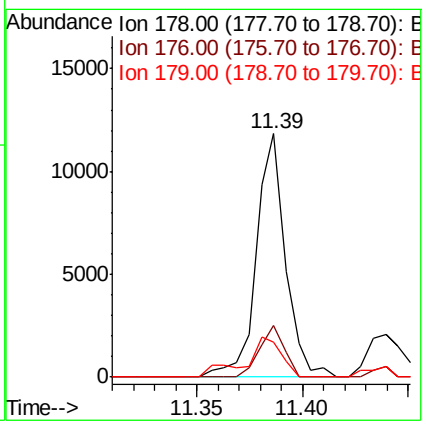


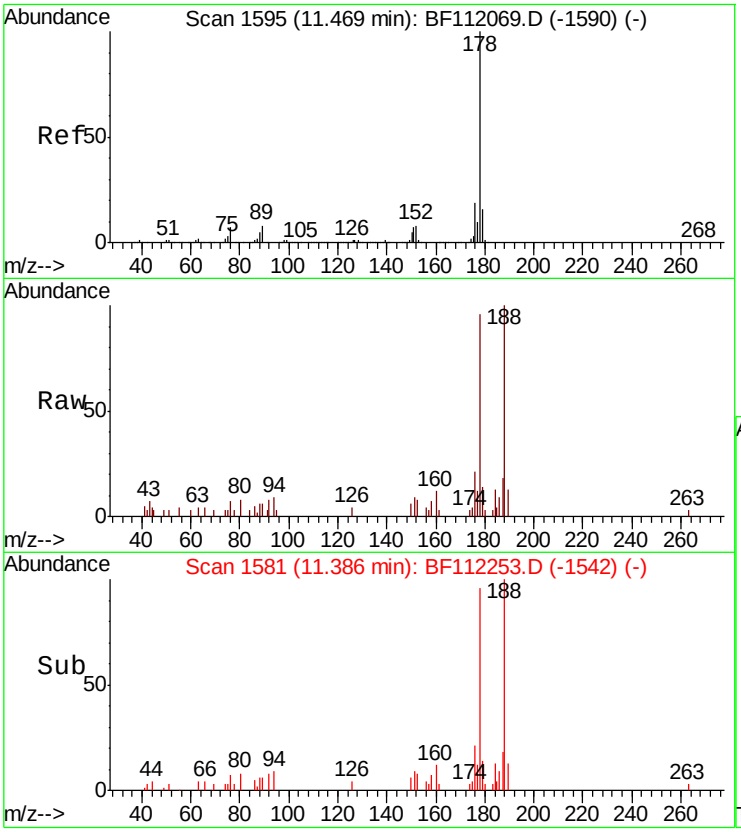


#71
Phenanthrene
Concen: 0.260 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:178 Resp: 11393

Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.3	24.5
179	14.2	13.0	19.4



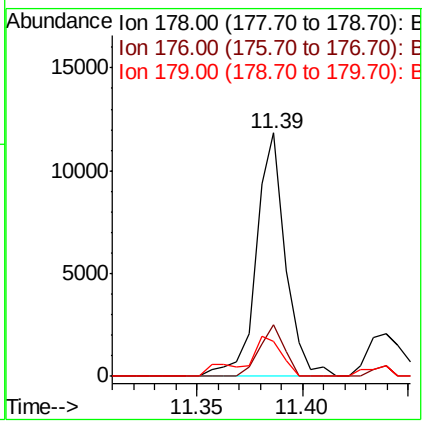


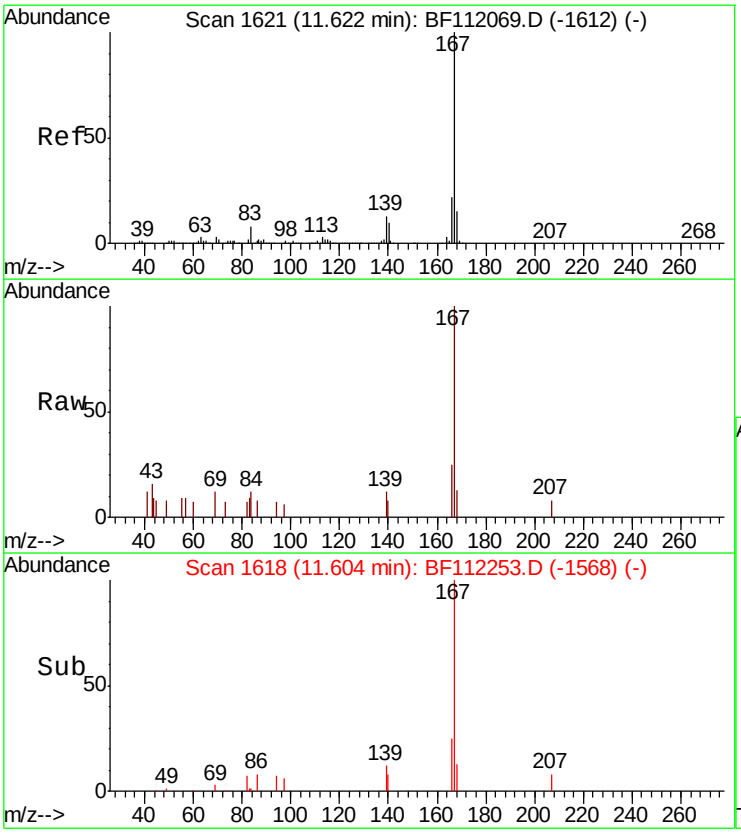
#72
Anthracene
Concen: 0.261 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.07 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:178 Resp: 11393

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.5	23.3
179	14.2	12.8	19.2

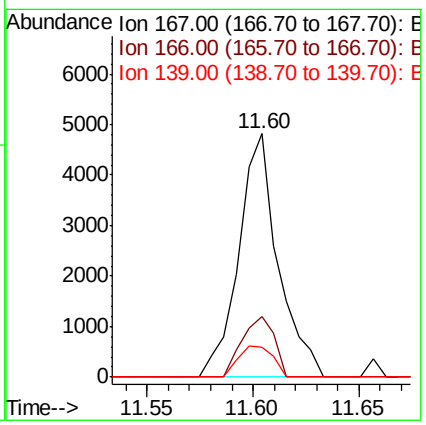


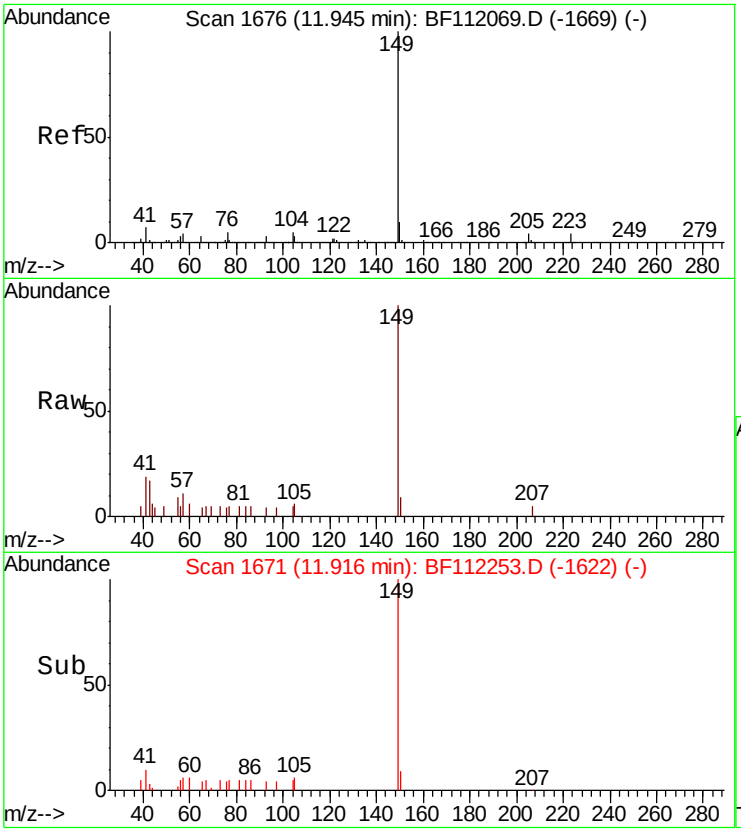


#73
Carbazole
Concen: 0.145 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:167 Resp: 6238

Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.9	26.9
139	12.0	10.2	15.2



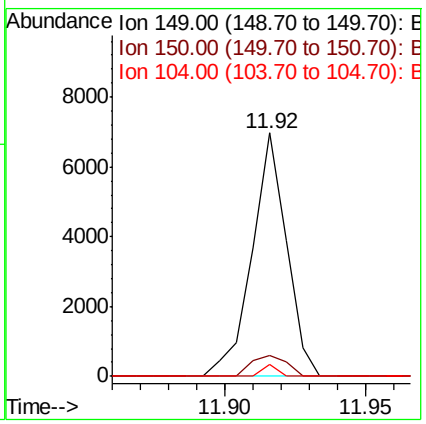


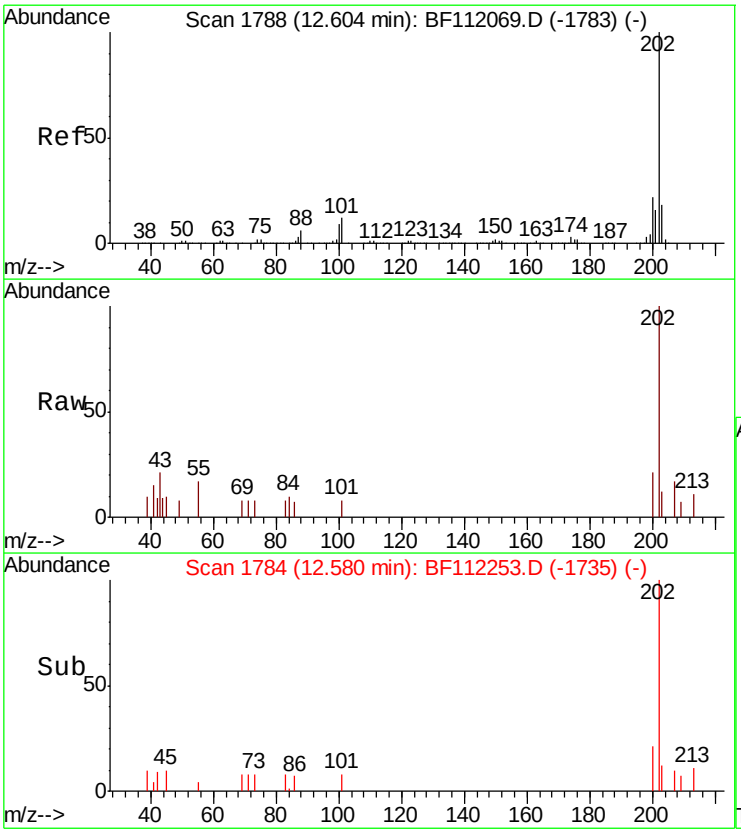
#74
Di-n-butylphthalate
Concen: 0.111 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:149 Resp: 5942

Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.1	12.1
104	4.9	3.9	5.9

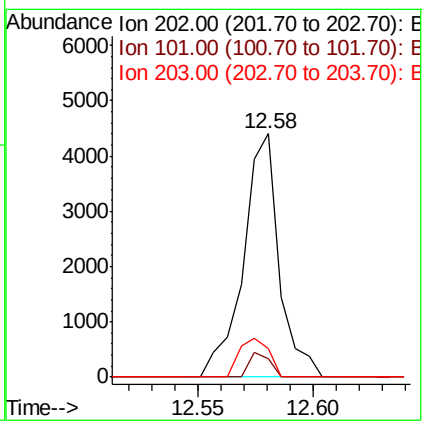


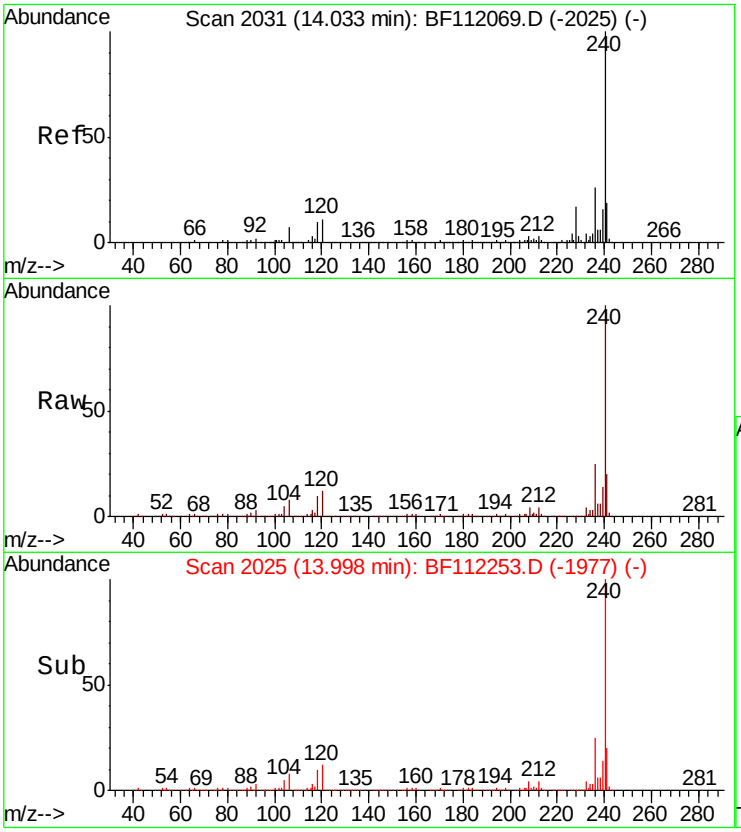


#75
Fluoranthene
Concen: 0.101 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:202 Resp: 4768

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	31.8
203	11.8	0.0	38.4



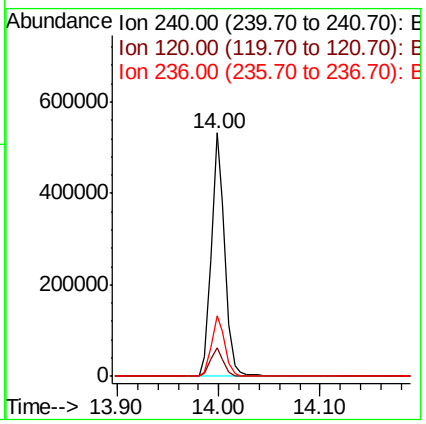


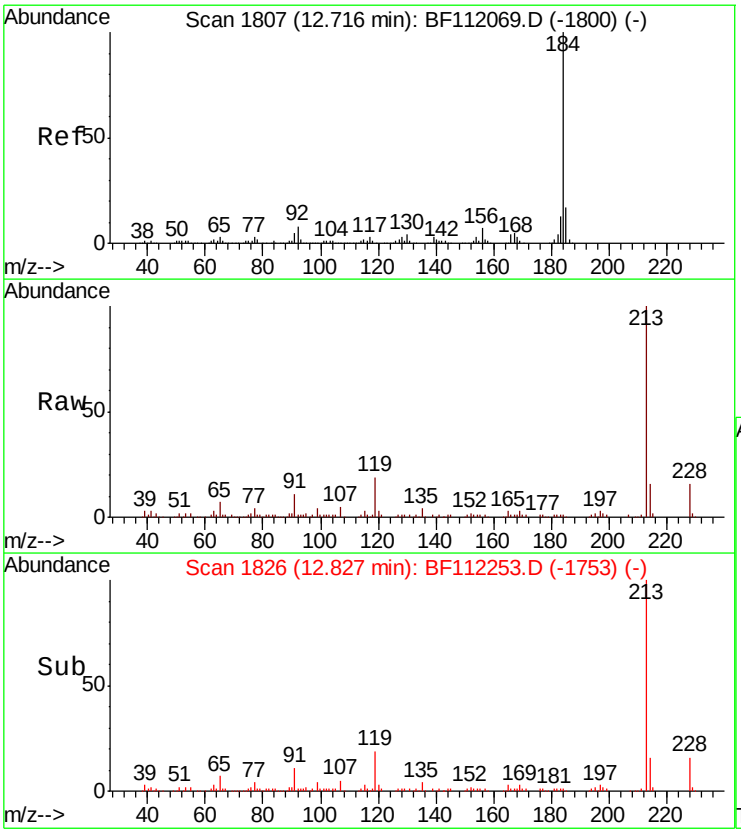
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:240 Resp: 486446

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	24.8	20.7	31.1

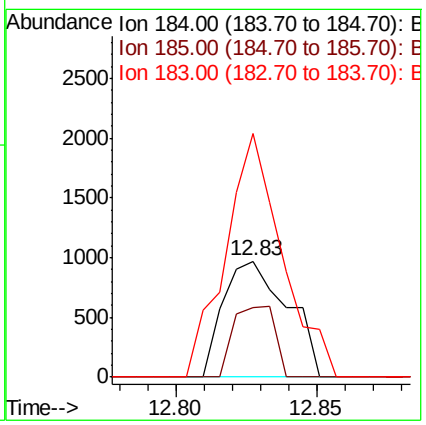


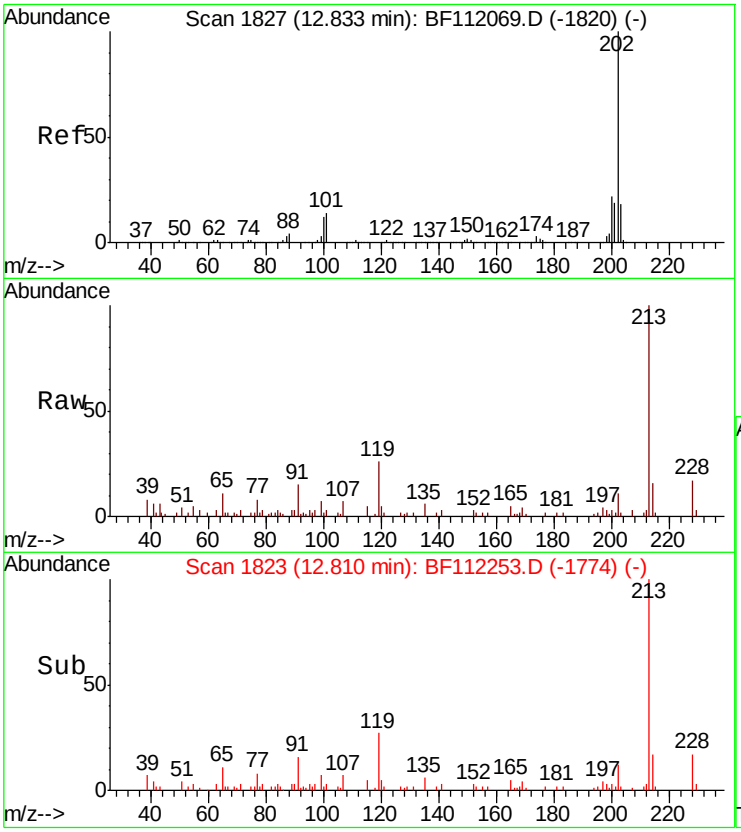


#77
Benzidine
Concen: 0.115 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.13 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:184 Resp: 1534

Ion	Ratio	Lower	Upper
184	100		
185	60.0	13.9	20.9#
183	209.6	10.0	15.0#



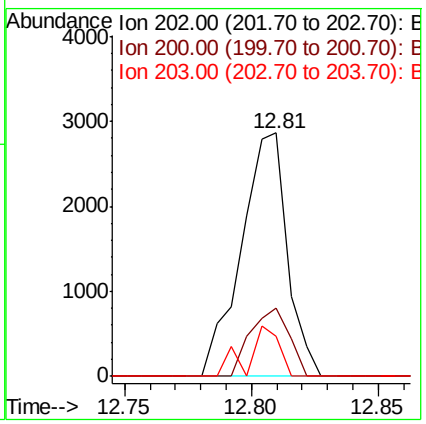


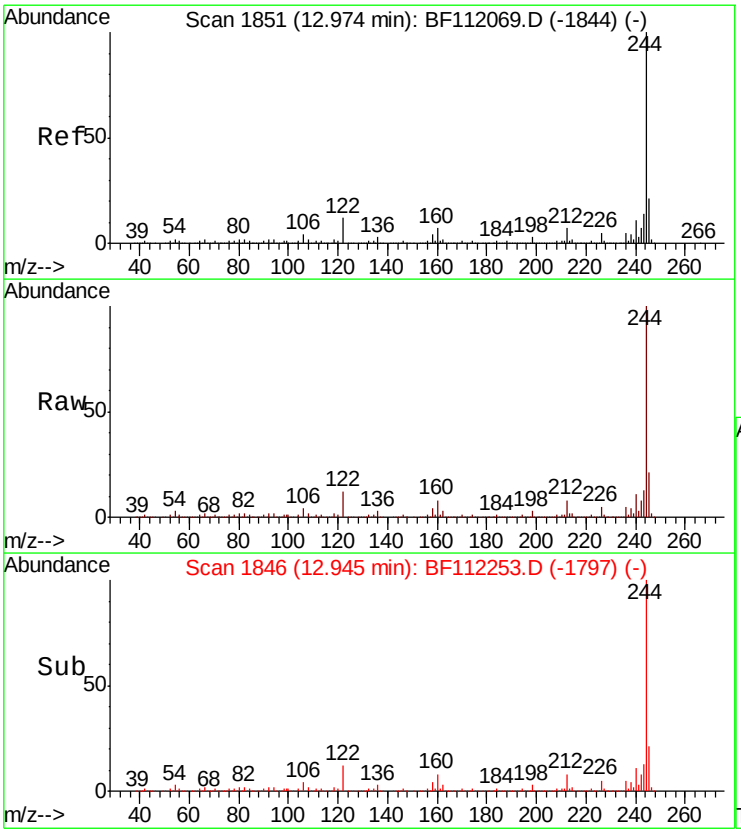
#78
Pyrene
Concen: 0.108 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:202 Resp: 3623

Ion	Ratio	Lower	Upper
202	100		
200	28.2	17.7	26.5#
203	16.7	14.6	22.0

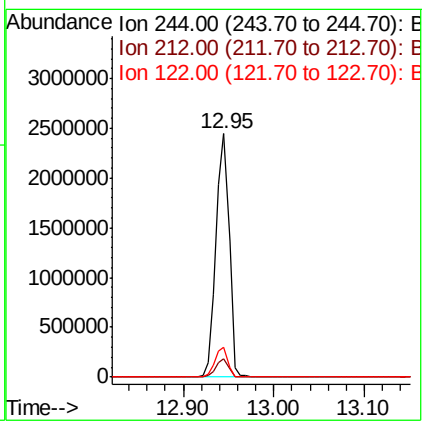


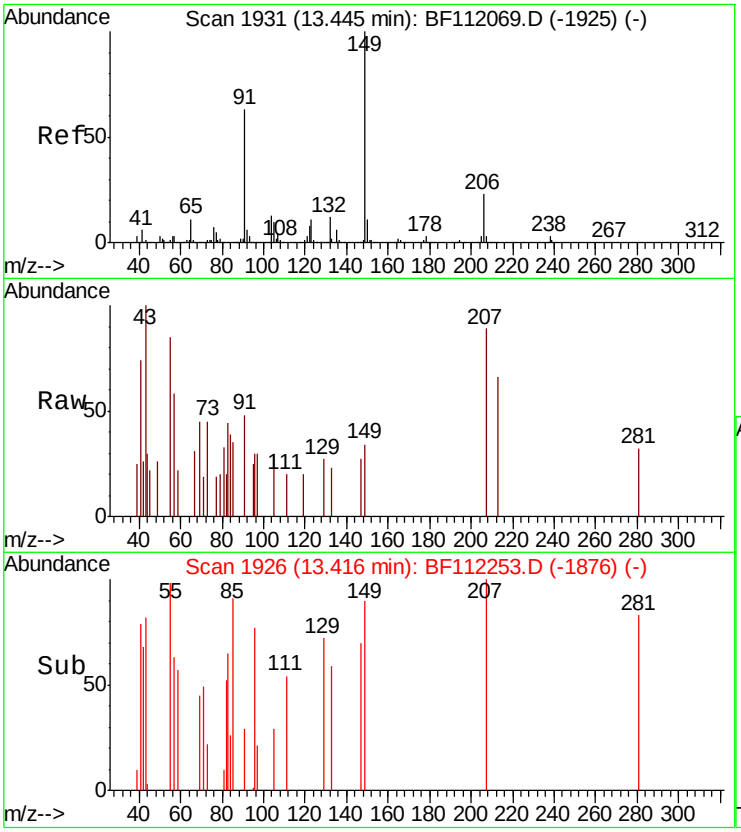


#79
Terphenyl-d14
Concen: 94.291 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:244 Resp: 2435309

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.3	9.8	14.6



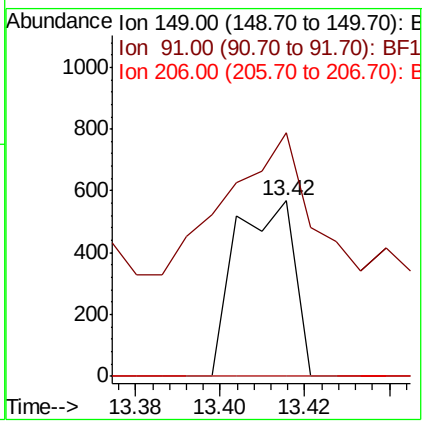


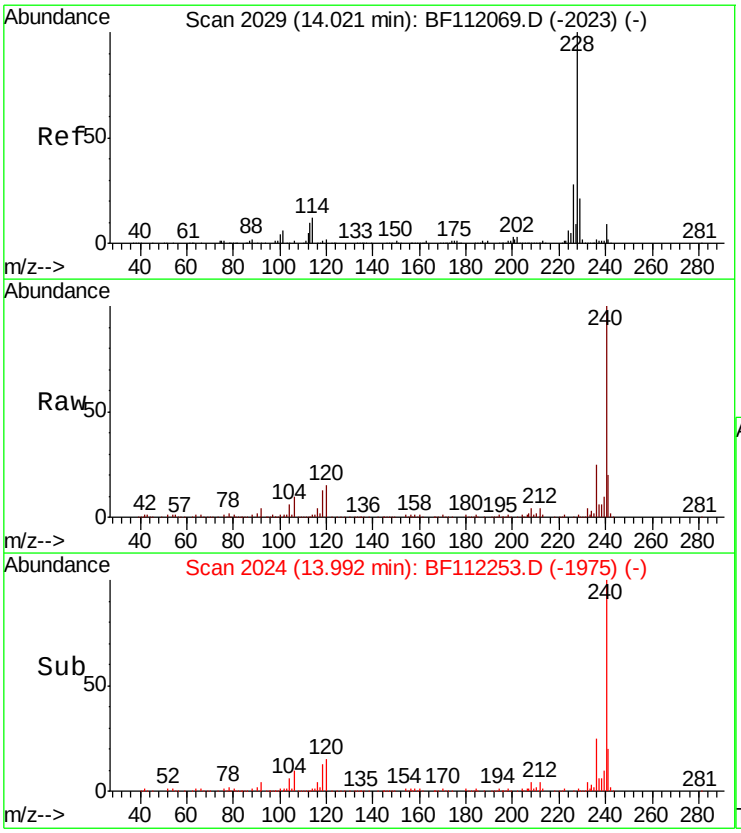
#80
Butylbenzylphthalate
Concen: 0.034 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:149 Resp: 550

Ion	Ratio	Lower	Upper
149	100		
91	139.0	50.3	75.5#
206	0.0	18.2	27.4#

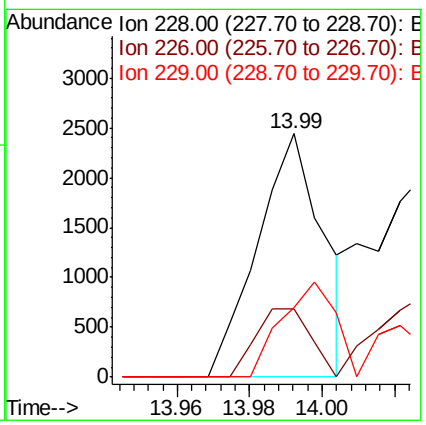


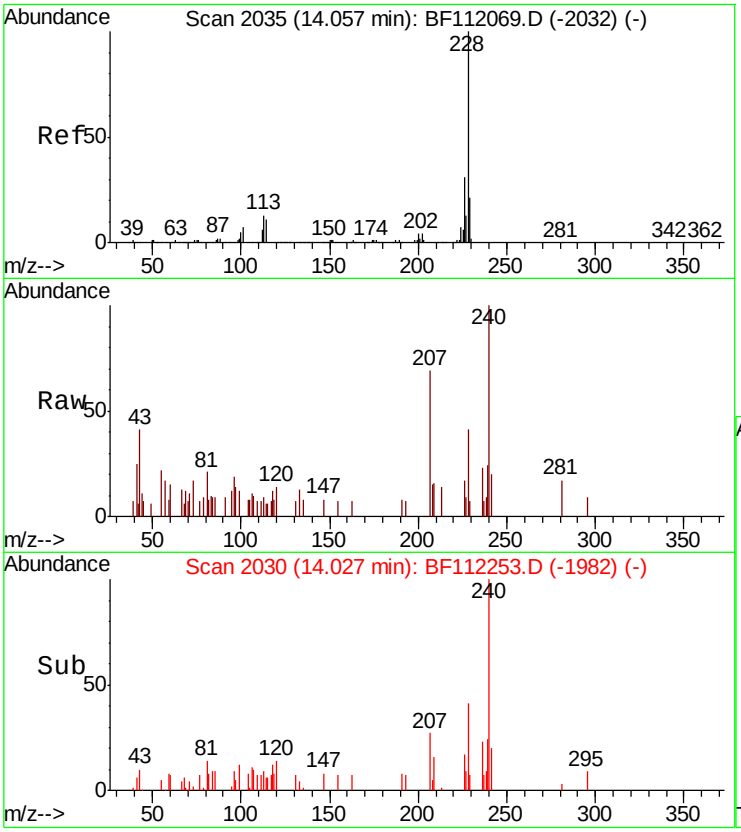


#81
Benzo(a)anthracene
Concen: 0.108 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:228 Resp: 3085

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	28.5	16.5	24.7#



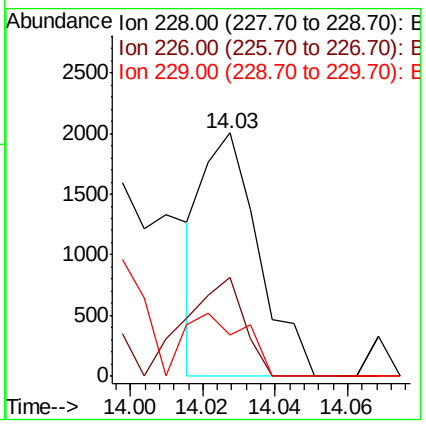


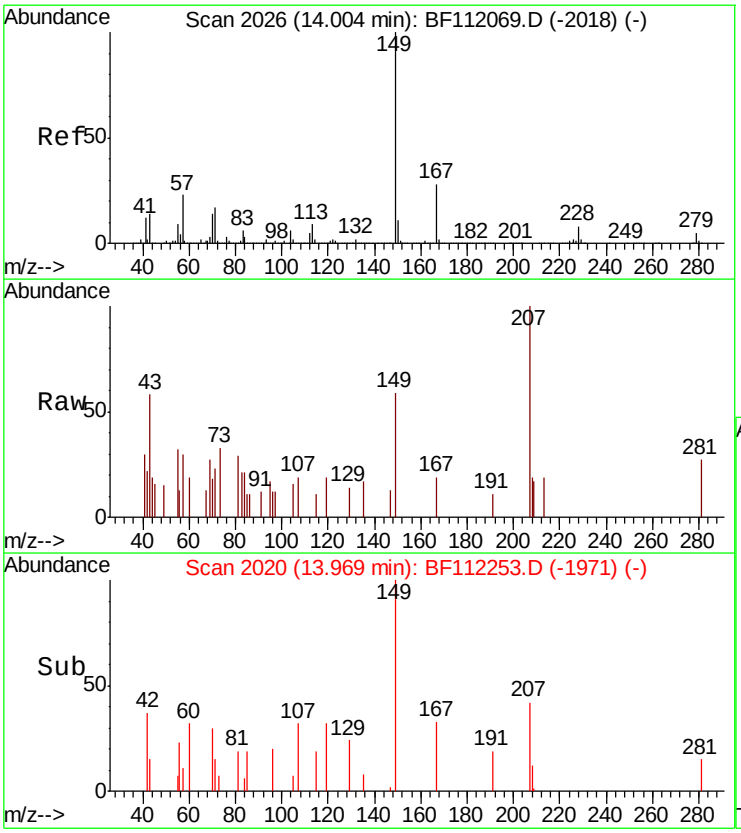
#83
Chrysene
Concen: 0.078 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:228 Resp: 2131

Ion	Ratio	Lower	Upper
228	100		
226	40.8	25.0	37.6#
229	16.9	16.6	24.8

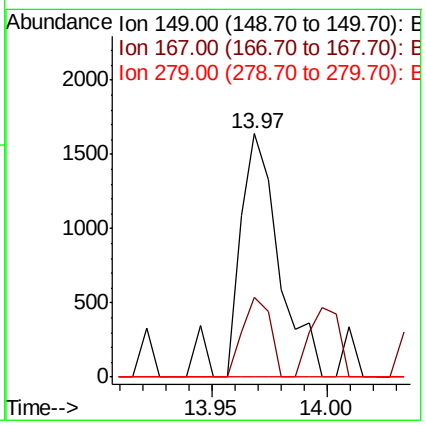


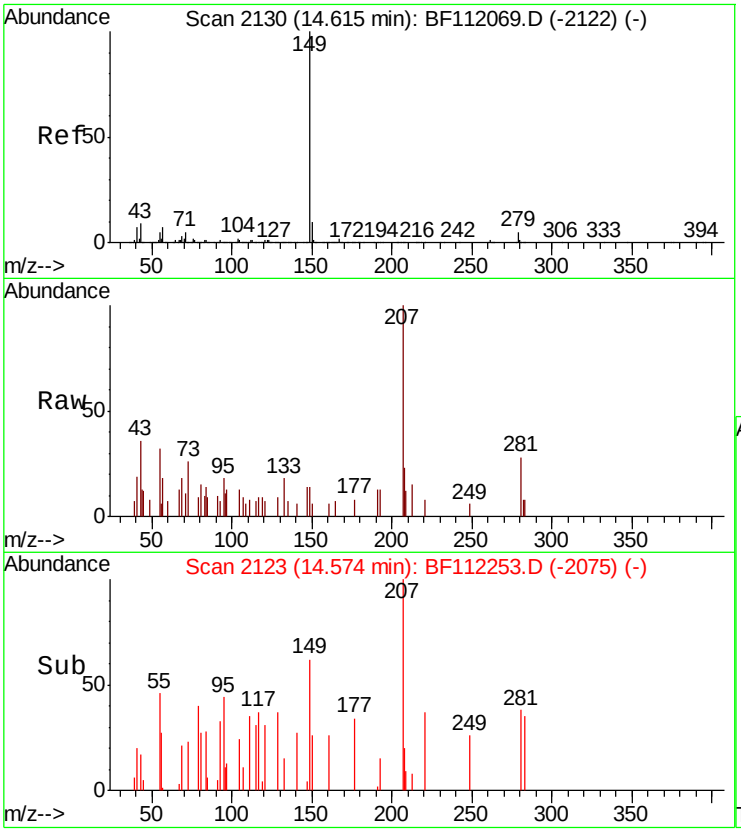


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:149 Resp: 2007

Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.5	33.7
279	0.0	3.8	5.6#



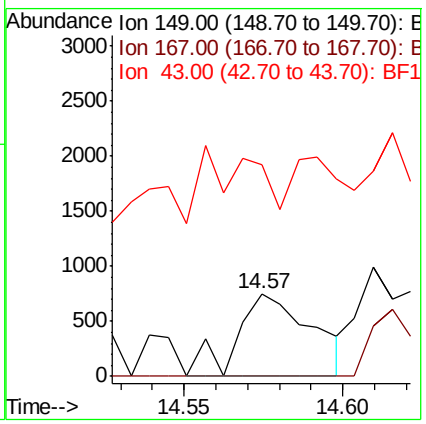


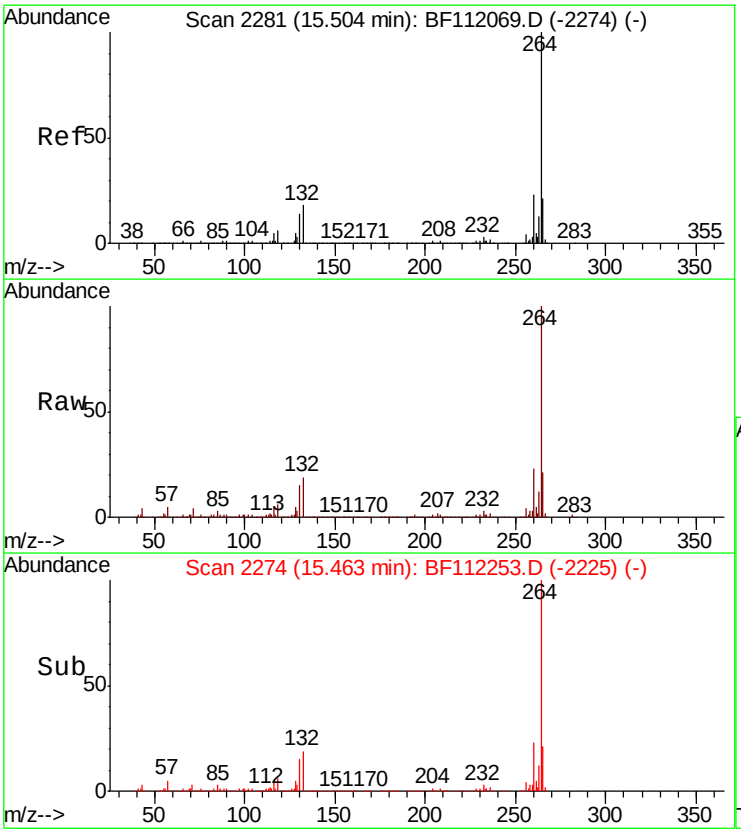
#85
Di-n-octyl phthalate
Concen: 0.035 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:149 Resp: 1246

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	38.8	7.8	11.6#

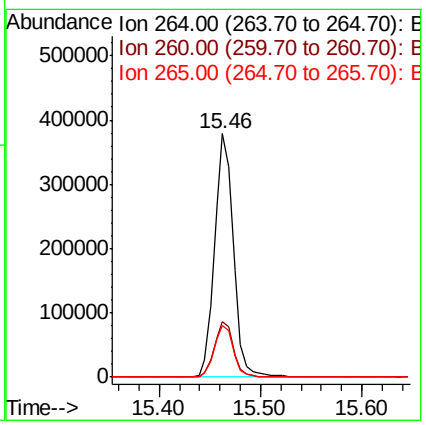


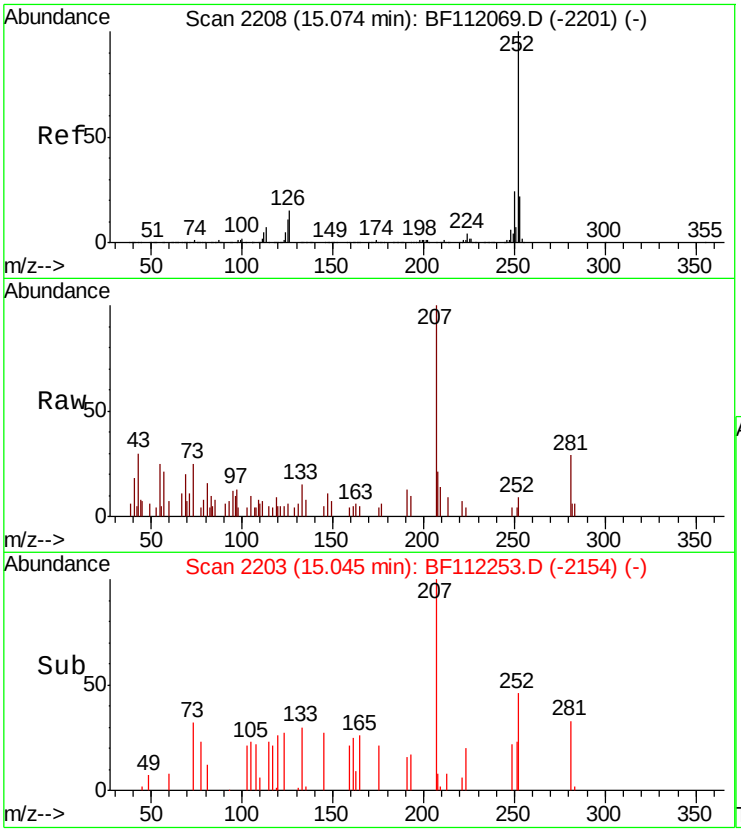


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:264 Resp: 487897

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.0	17.0	25.4



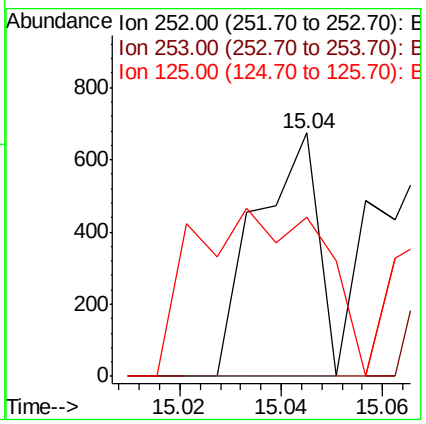


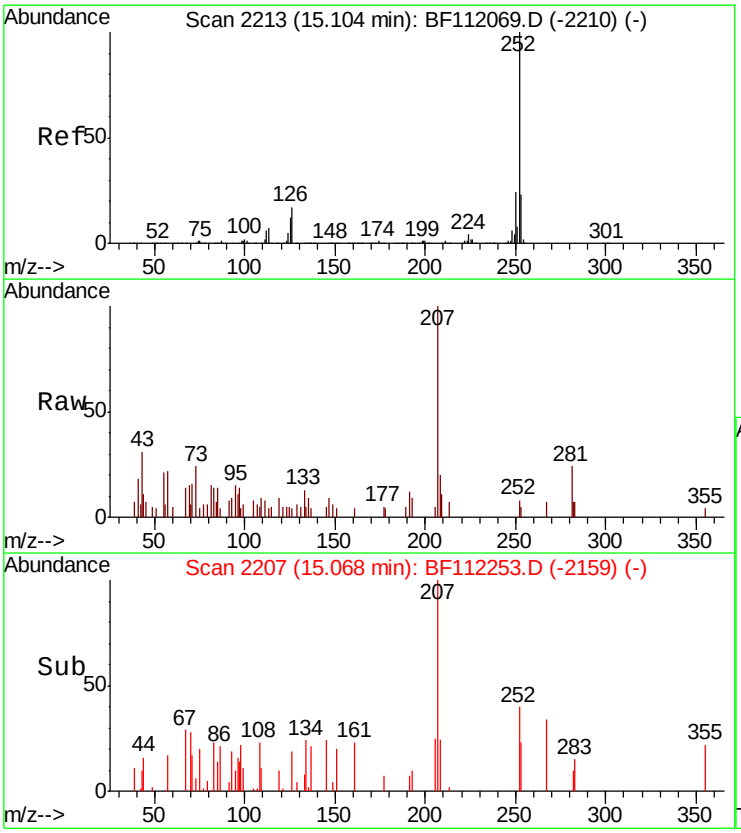
#88
Benzo(b)fluoranthene
Concen: 0.019 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:252 Resp: 565

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	65.6	8.7	13.1#

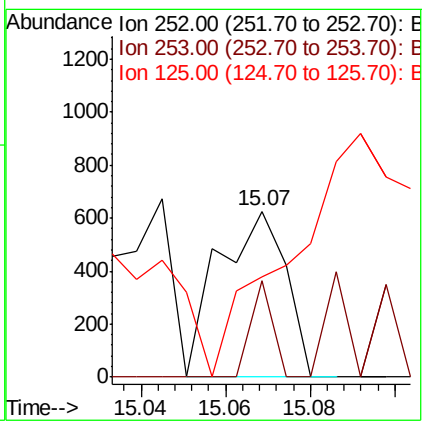


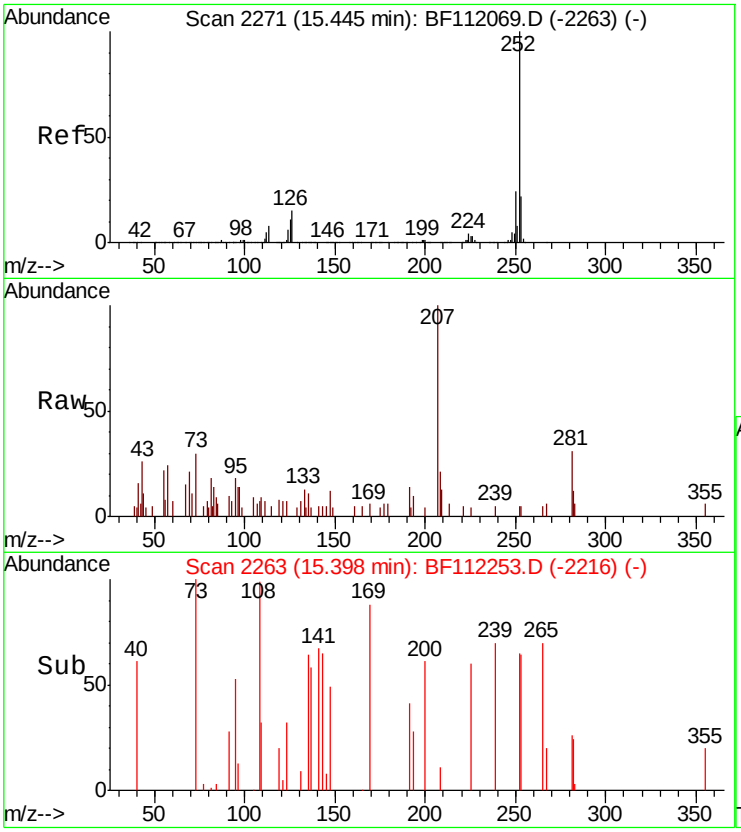


#89
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

Tgt Ion:252 Resp: 694

Ion	Ratio	Lower	Upper
252	100		
253	57.9	18.0	27.0#
125	60.5	9.1	13.7#





#90
Benzo(a)pyrene
Concen: 0.005 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BF112253.D
Acq: 26 Jan 2019 1:03

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

Tgt Ion:252 Resp: 119

Ion	Ratio	Lower	Upper
252	100		
253	98.8	17.5	26.3#
125	0.0	9.0	13.4#