Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101956.D
Acq On : 9 Jan 2018 17:03
Operator : SJ/JU
Sample : J1022-04 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 09 23:57:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227288	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	796674	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	292363	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	428236	20.00	ng		0.00
75) Chrysene-d12	13.88	240	429954	20.00	ng		0.00
86) Perylene-d12	15.30	264	353562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	369575	22.96	ng		0.00
7) Phenol-d6	6.35	99	429671	22.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	249414	18.40	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	51211	20.07	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	372148	19.89	ng		0.00
78) Terphenyl-d14	12.84	244	264837	12.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	540	0.067	ng	#	69
3) Pyridine	3.09	79	228	0.010	ng	#	1
4) n-Nitrosodimethylamine	3.06	42	722	0.079	ng	#	1
6) Aniline	6.40	93	142	0.005	ng	#	1
9) Benzaldehyde	6.49	77	8735	0.655	ng		81
10) Phenol	6.36	94	18279	0.842	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	657	0.040	ng	#	1
15) Benzyl Alcohol	6.87	79	5583	0.397	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	7.02	45	339	0.011	ng	#	1
17) 2-Methylphenol	7.00	107	998	0.069	ng	#	1
18) Hexachloroethane	7.26	117	15859	2.425	ng	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	3131	0.249	ng	#	87
20) 3+4-Methylphenols	7.12	107	669	0.038	ng	#	1
22) Acetophenone	7.12	105	51493	2.683	ng	#	54
24) Nitrobenzene	7.33	77	531	0.036	ng	#	5
25) Isophorone	7.53	82	24841	0.927	ng	#	1
26) 2-Nitrophenol	7.63	139	882	0.145	ng	#	1
27) 2,4-Dimethylphenol	7.66	122	1339	0.118	ng	#	1
28) bis(2-Chloroethoxy)methane	7.77	93	5194	0.321	ng	#	1
29) 2,4-Dichlorophenol	7.85	162	1981	0.183	ng	#	2
30) 1,2,4-Trichlorobenzene	7.93	180	107	0.009	ng	#	12
31) Naphthalene	8.03	128	39848	1.001	ng	#	92
32) Benzoic acid	7.80	122	774	0.090	ng	#	4
33) 4-Chloroaniline	8.10	127	1498	0.088	ng	#	1
35) Caprolactam	8.47	113	1509	0.407	ng	#	1
36) 4-Chloro-3-methylphenol	8.55	107	1340	0.113	ng	#	20
37) 2-Methylnaphthalene	8.72	142	56682	2.163	ng		97
42) 2,4,6-Trichlorophenol	8.99	196	1469	0.258	ng	#	13
43) 2,4,5-Trichlorophenol	9.05	196	401	0.062	ng	#	1
45) 1,1'-Biphenyl	9.19	154	27805	1.076	ng		99
46) 2-Chloronaphthalene	9.21	162	597	0.030	ng	#	1
47) 2-Nitroaniline	9.29	65	1298	0.216	ng	#	48
48) Acenaphthylene	9.62	152	14974	0.471	ng	#	79
49) Dimethylphthalate	9.48	163	34760	1.482	ng	#	89

Quantitation Report (Not Reviewed)

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Data File : BF101956.D
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Operator : SJ/JU
Sample : J1022-04 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 09 23:57:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 2,6-Dinitrotoluene	9.60	165	2237	0.477	ng	#	59
51) Acenaphthene	9.79	154	11396	0.590	ng	#	87
52) 3-Nitroaniline	9.72	138	794	0.134	ng	#	65
53) 2,4-Dinitrophenol	9.70	184	389	8.852	ng	#	1
54) Dibenzofuran	9.96	168	12903	0.487	ng	#	45
55) 4-Nitrophenol	9.86	139	1673	0.380	ng	#	1
56) 2,4-Dinitrotoluene	9.96	165	2468	0.420	ng	#	51
57) Fluorene	10.30	166	27105	1.480	ng	#	93
58) 2,3,4,6-Tetrachlorophenol	10.07	232	108	0.024	ng	#	1
59) Diethylphthalate	10.17	149	7673	0.329	ng	#	46
60) 4-Chlorophenyl-phenylether	10.32	204	503	0.065	ng	#	1
61) 4-Nitroaniline	10.34	138	322	0.057	ng	#	5
62) Azobenzene	10.47	77	21133	0.910	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.33	198	118	5.707	ng	#	1
65) n-Nitrosodiphenylamine	10.42	169	12682	0.791	ng	#	67
66) 4-Bromophenyl-phenylether	10.74	248	134	0.030	ng	#	1
68) Atrazine	11.12	200	3019	0.651	ng		76
69) Pentachlorophenol	10.88	266	112	0.037	ng	#	19
70) Phenanthrene	11.26	178	126538	5.059	ng		99
71) Anthracene	11.26	178	126538	4.988	ng		98
72) Carbazole	11.47	167	8668	0.348	ng	#	47
73) Di-n-butylphthalate	11.82	149	5188	0.170	ng	#	57
74) Fluoranthene	12.69	202	115597	4.697	ng		87
76) Benzidine	12.56	184	790	0.038	ng	#	1
77) Pyrene	12.69	202	116349	3.061	ng		98
79) Butylbenzylphthalate	13.33	149	16704	0.958	ng	#	1
80) Benzo(a)anthracene	13.87	228	47288	1.724	ng	#	90
81) 3,3'-Dichlorobenzidine	13.84	252	565	0.056	ng	#	26
82) Chrysene	13.90	228	49796	1.741	ng	#	93
83) Bis(2-ethylhexyl)phthalate	13.87	149	6160	0.308	ng	#	72
84) Di-n-octyl phthalate	14.49	149	2772	0.083	ng	#	72
85) Indeno(1,2,3-cd)pyrene	16.66	276	12637	0.607	ng		93
87) Benzo(b)fluoranthene	14.89	252	51065	2.215	ng	#	54
88) Benzo(k)fluoranthene	14.89	252	51065	2.296	ng	#	58
89) Benzo(a)pyrene	15.23	252	27813	1.341	ng	#	62
90) Dibenzo(a,h)anthracene	16.69	278	5659	0.342	ng	#	1
91) Benzo(g,h,i)perylene	17.08	276	13872	0.832	ng	#	69

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

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Instrument :
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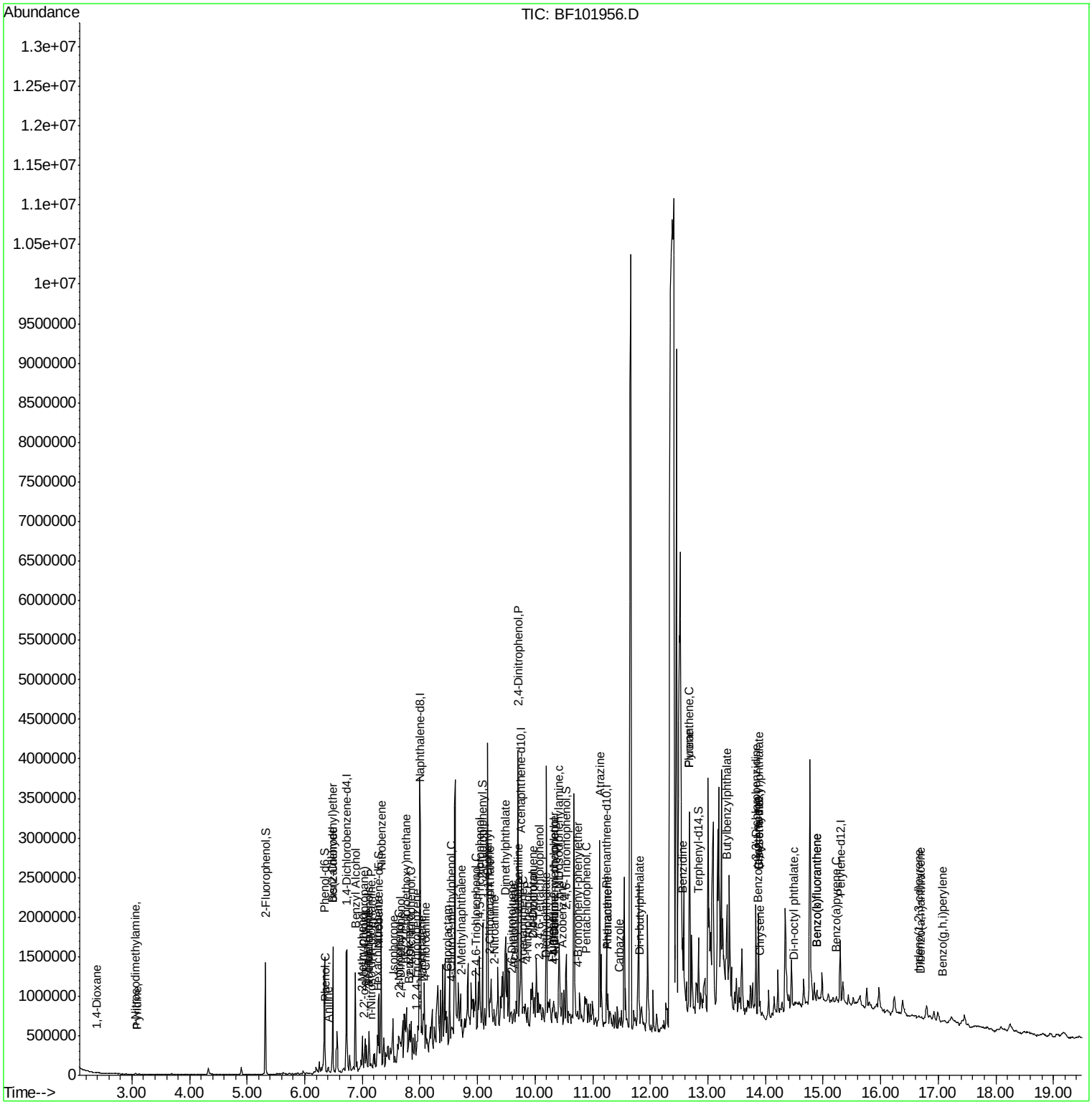
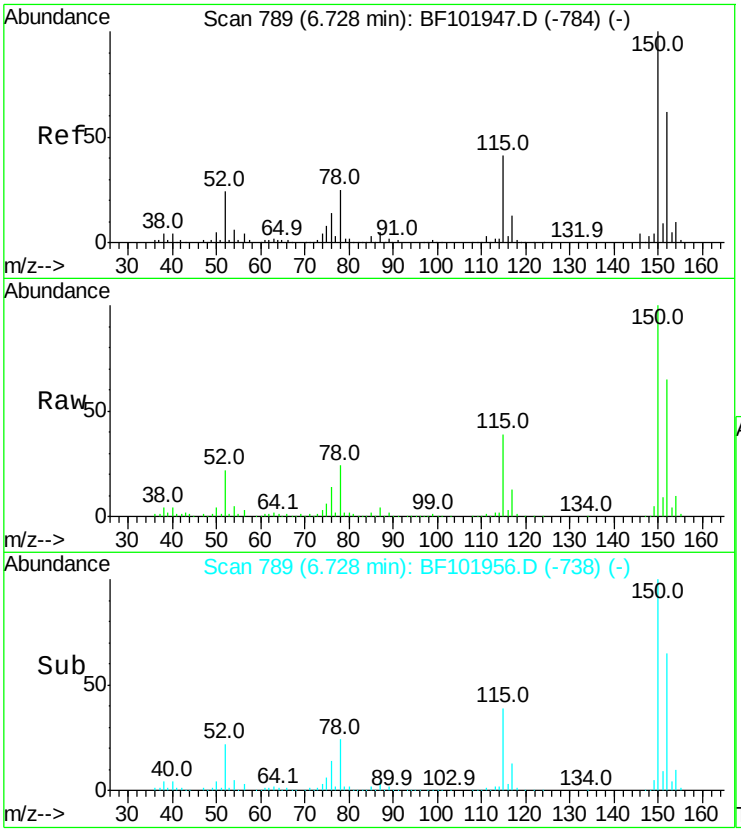


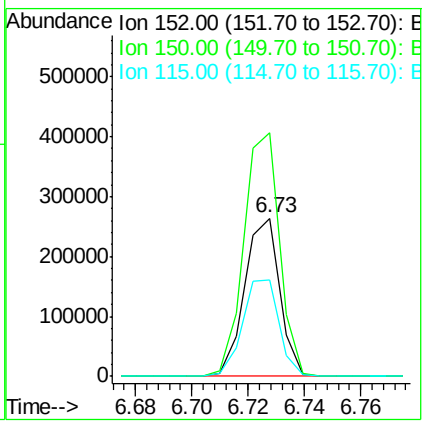


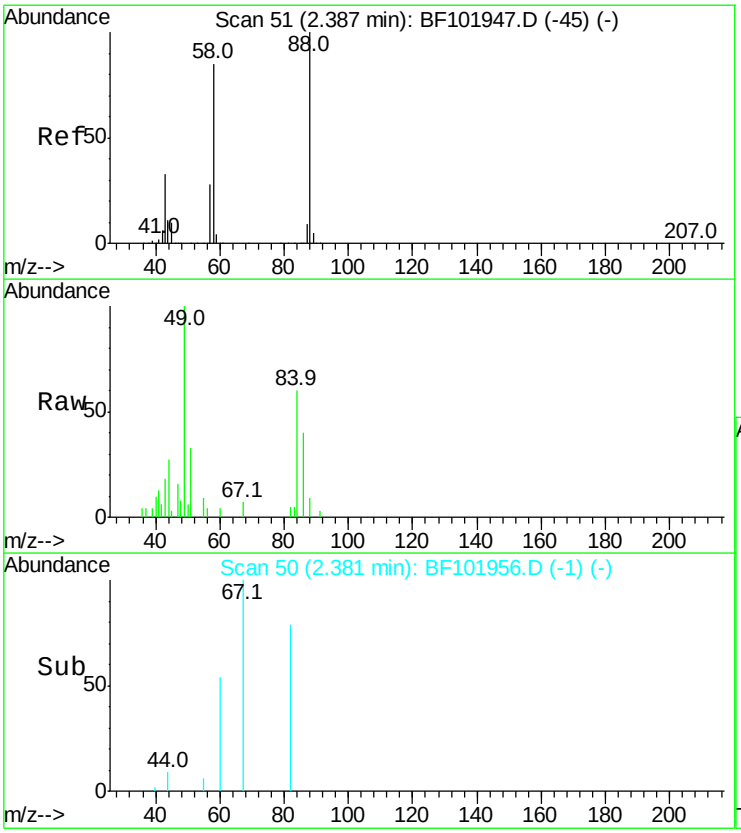
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 227288

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.9	50.1	75.1

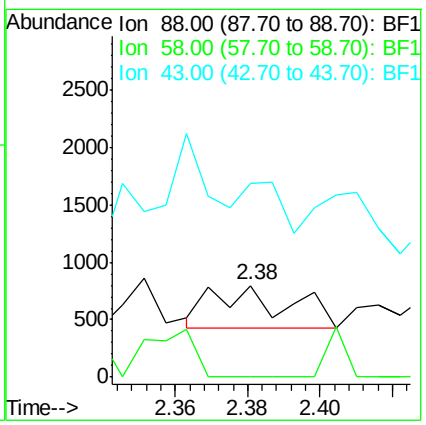


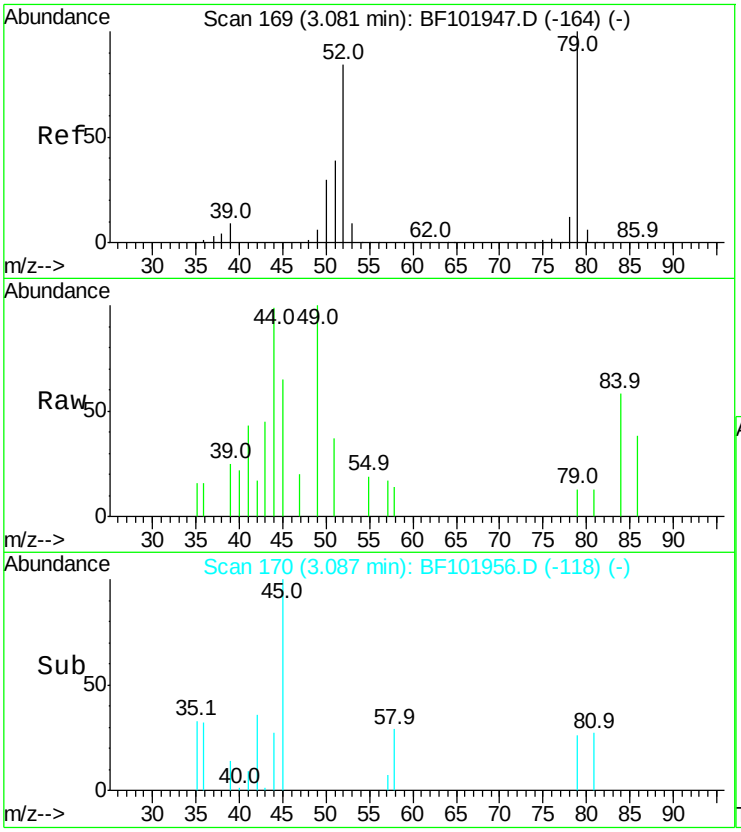


#2
1,4-Dioxane
Concen: 0.067 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 88 Resp: 540

Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	76.1	24.6	37.0#



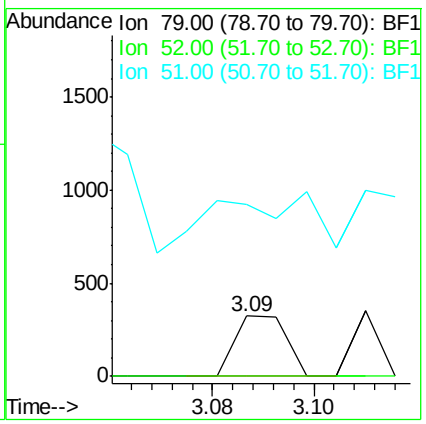


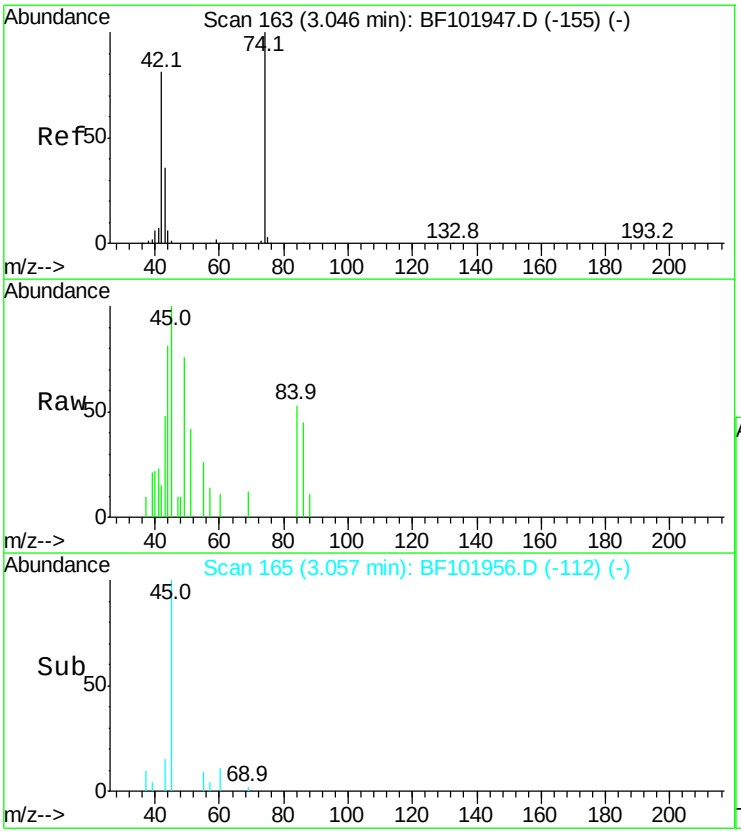
#3
Pyridine
Concen: 0.010 ng
RT: 3.09 min Scan# 170
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 228

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	283.1	29.8	44.8#

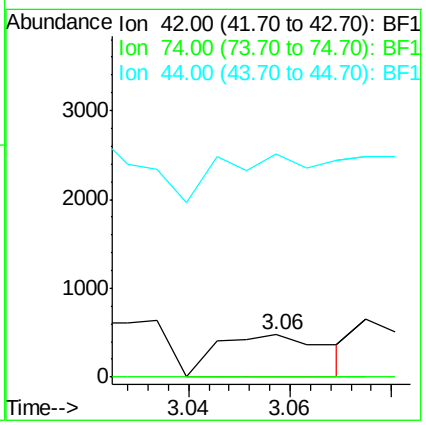


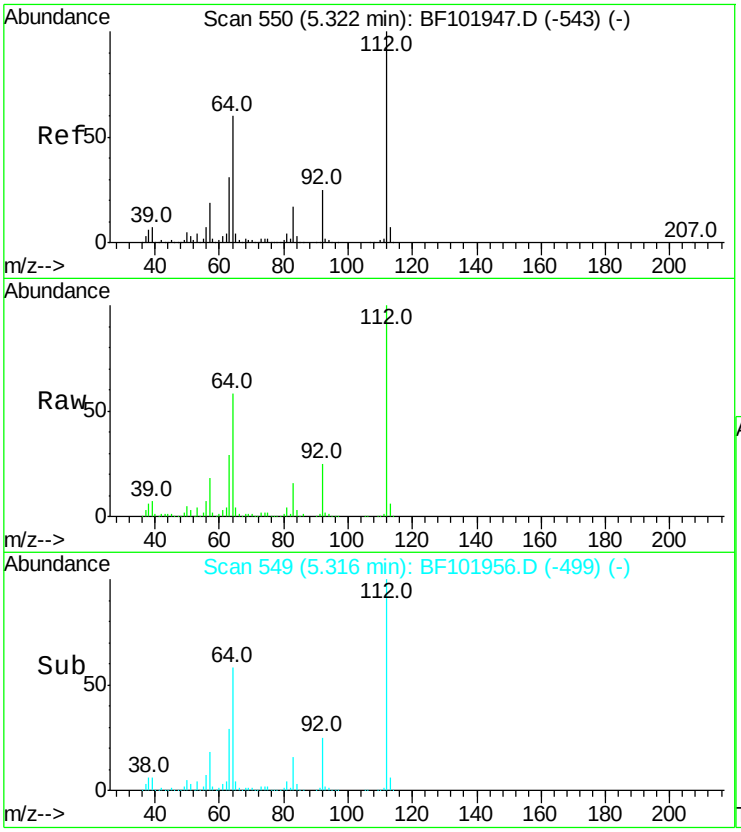


#4
n-Nitrosodimethylamine
Concen: 0.079 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 42 Resp: 722

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	527.7	6.9	10.3#



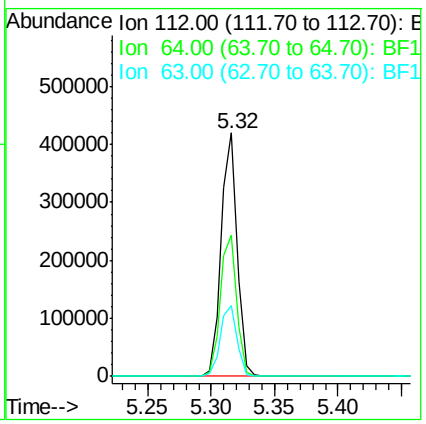


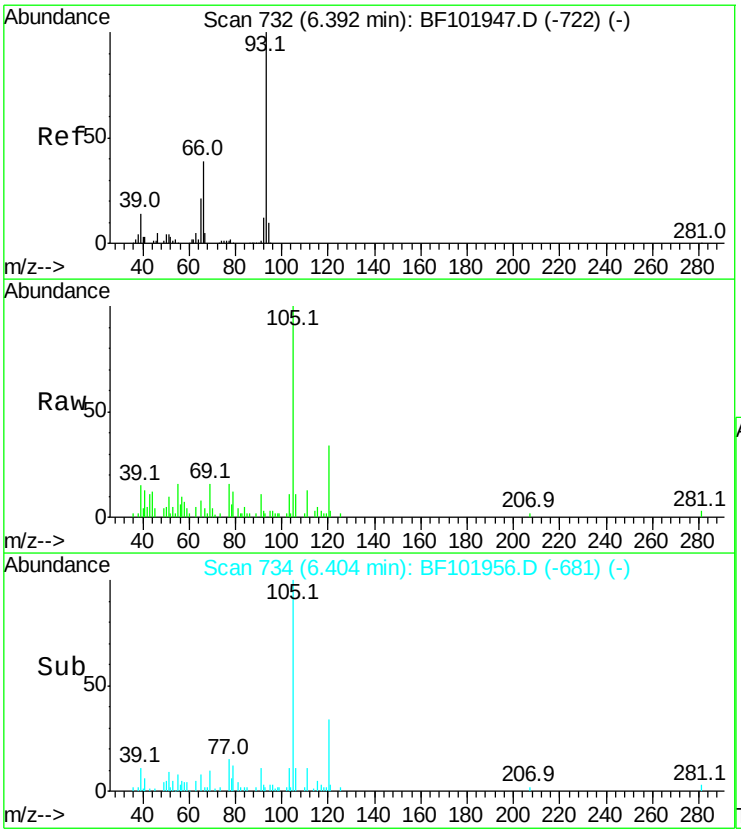
#5
2-Fluorophenol
Concen: 22.961 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 369575

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5

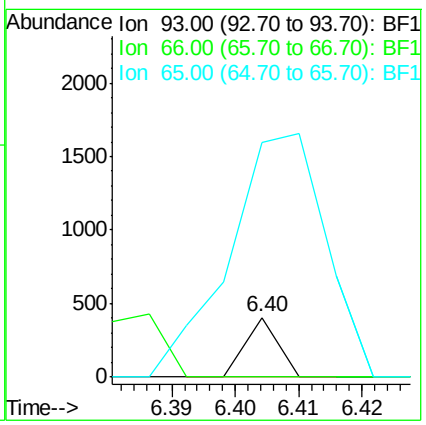


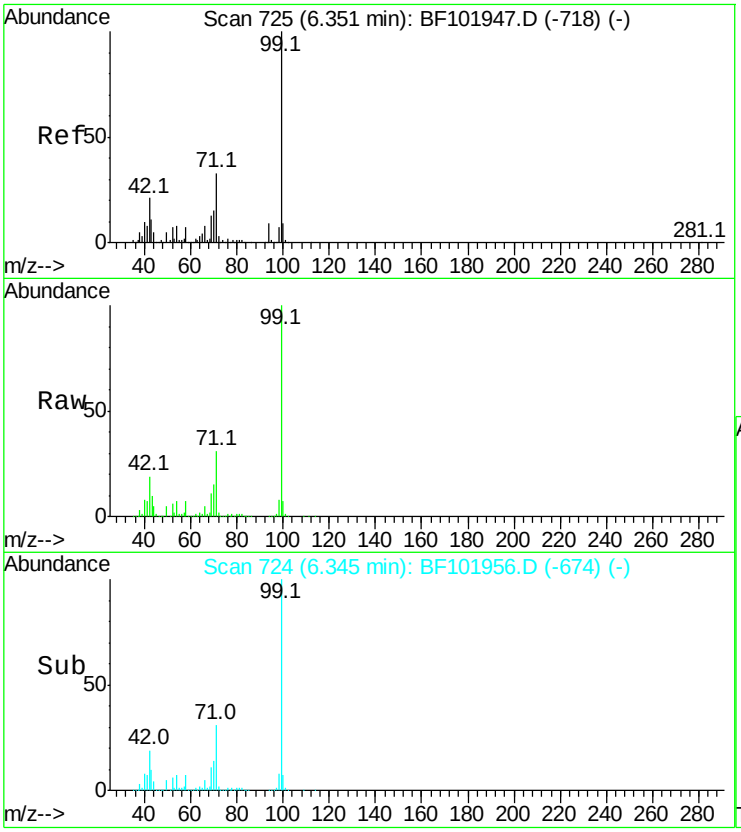


#6
Aniline
Concen: 0.005 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 93 Resp: 142

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.2	48.2#
65	396.3	16.4	24.6#



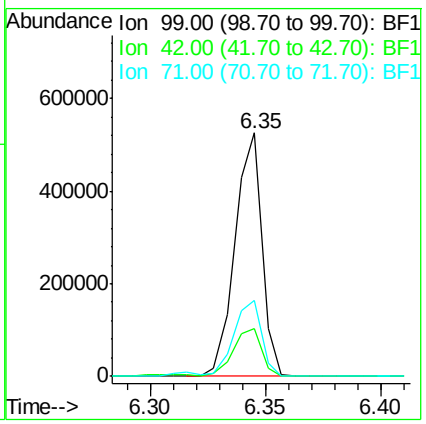


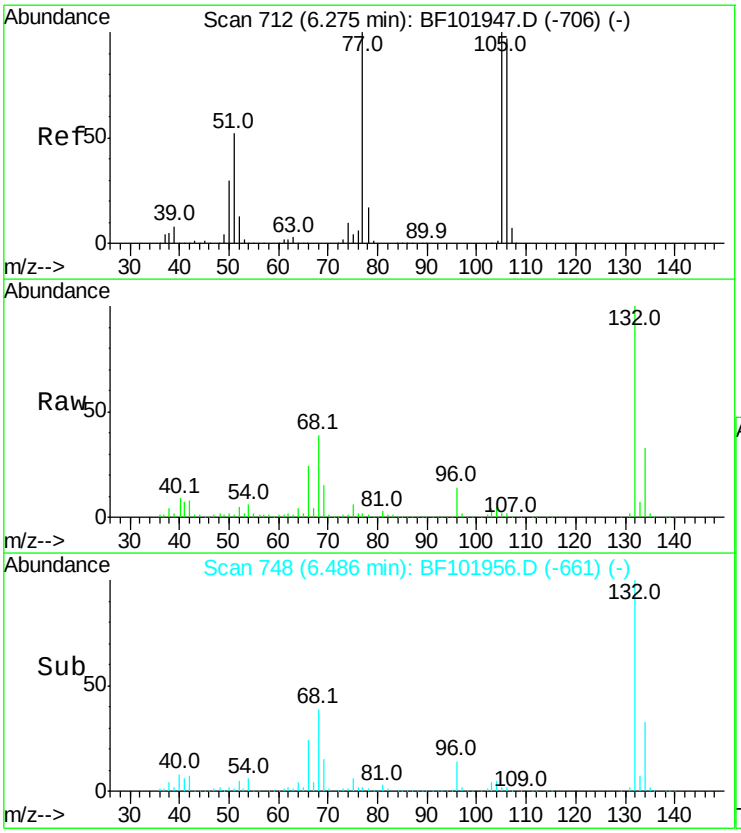
#7
Phenol-d6
Concen: 22.374 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 429671

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.1	25.4	38.0

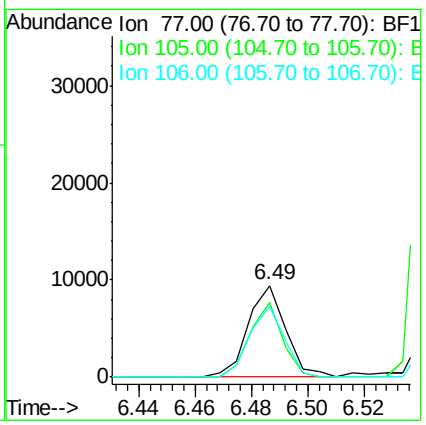


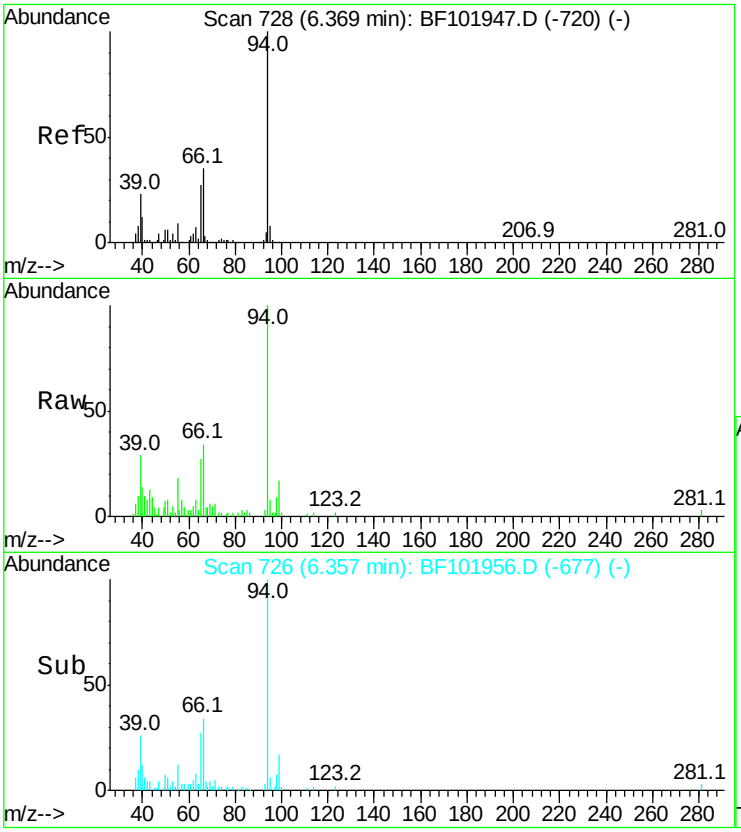


#9
Benzaldehyde
Concen: 0.655 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 77 Resp: 8735

Ion	Ratio	Lower	Upper
77	100		
105	81.7	81.1	121.1
106	76.6	74.5	114.5



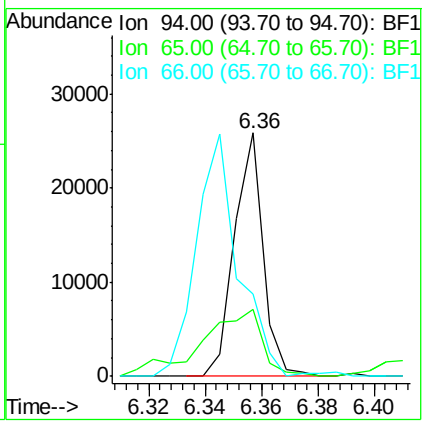


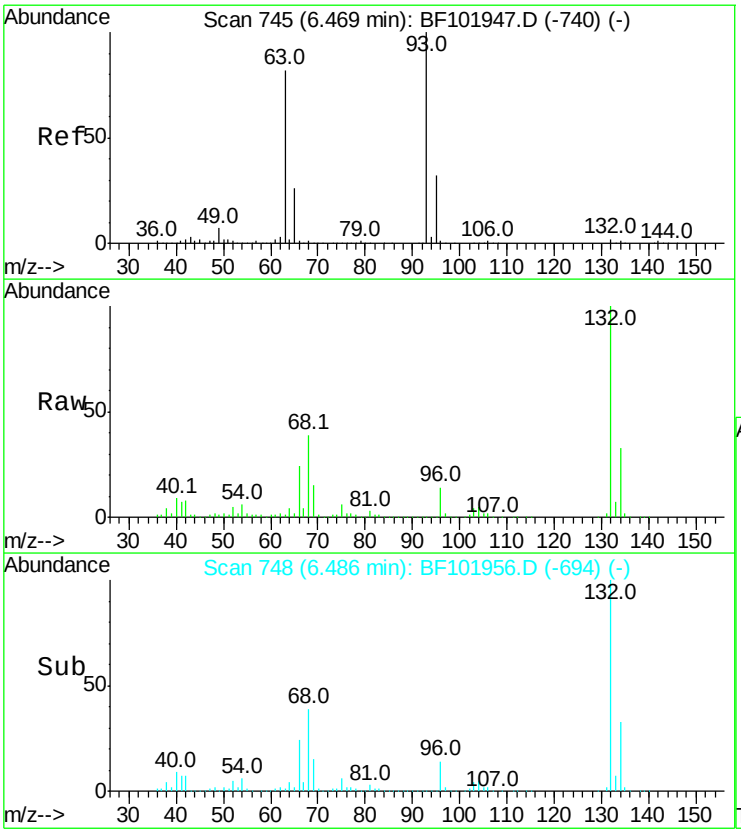
#10
Phenol
Concen: 0.842 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 18279

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	33.9	16.2	56.2

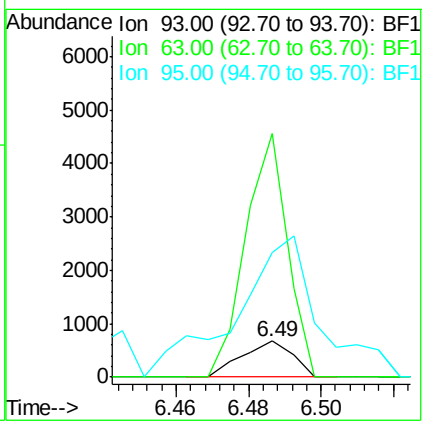


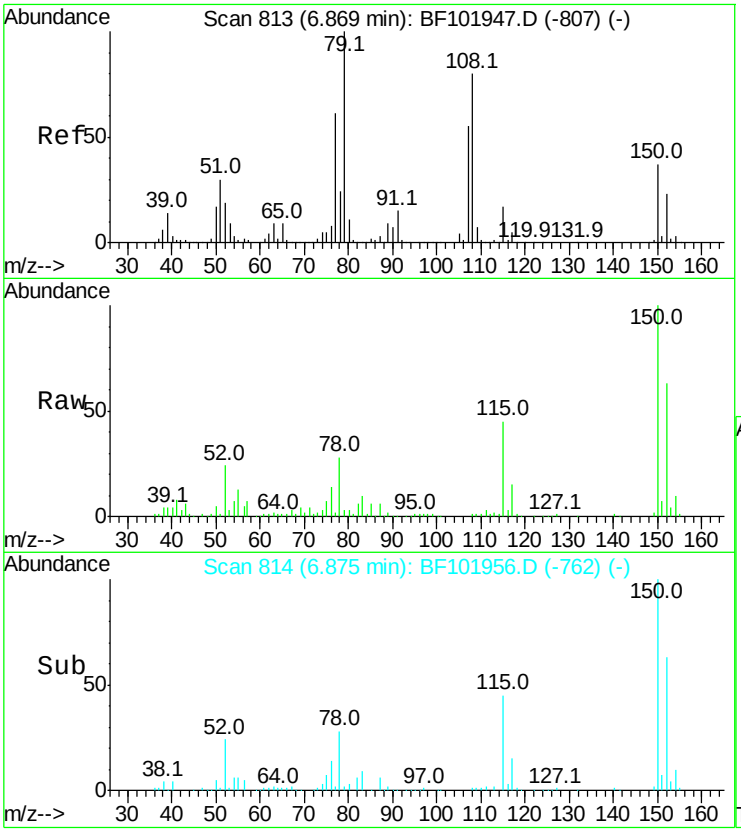


#11
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 93 Resp: 657

Ion	Ratio	Lower	Upper
93	100		
63	680.7	58.6	98.6#
95	347.3	11.8	51.8#



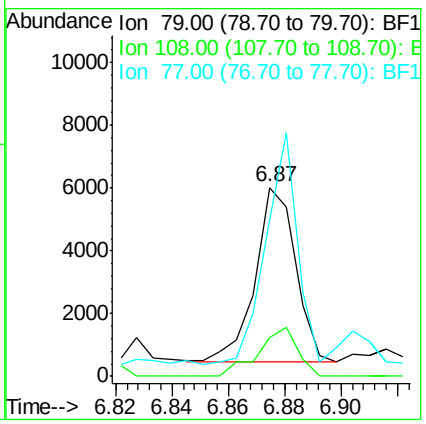


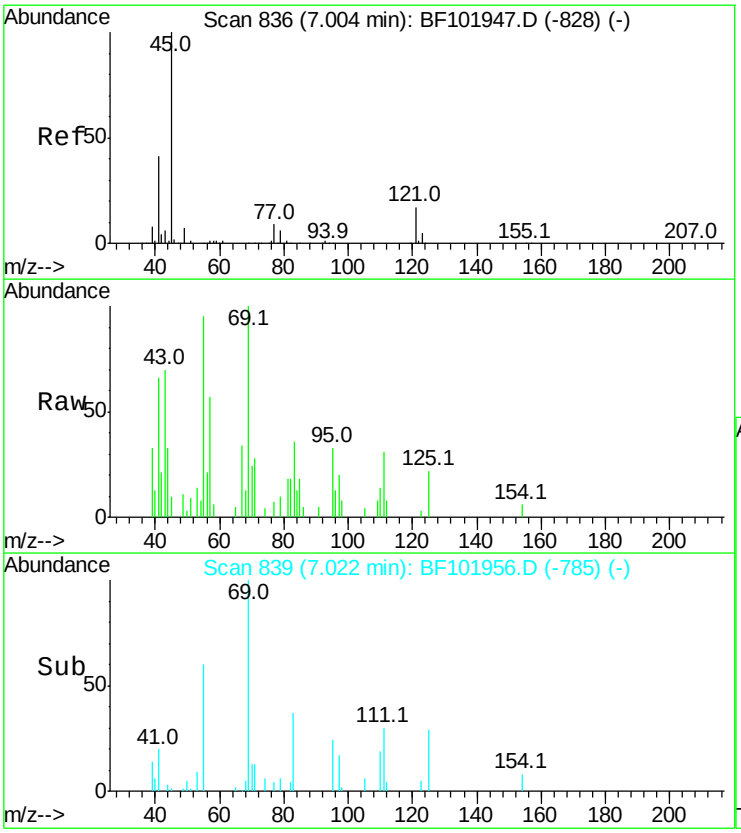
#15
Benzyl Alcohol
Concen: 0.397 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 5583

Ion	Ratio	Lower	Upper
79	100		
108	20.9	65.1	97.7#
77	83.2	50.6	75.8#

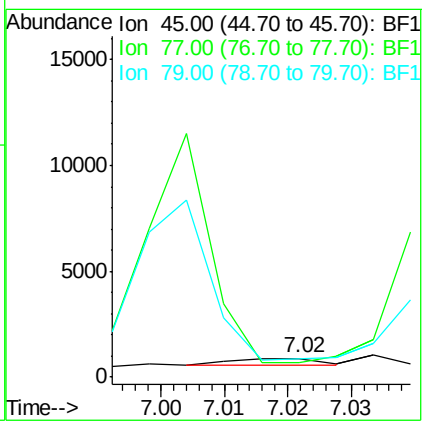


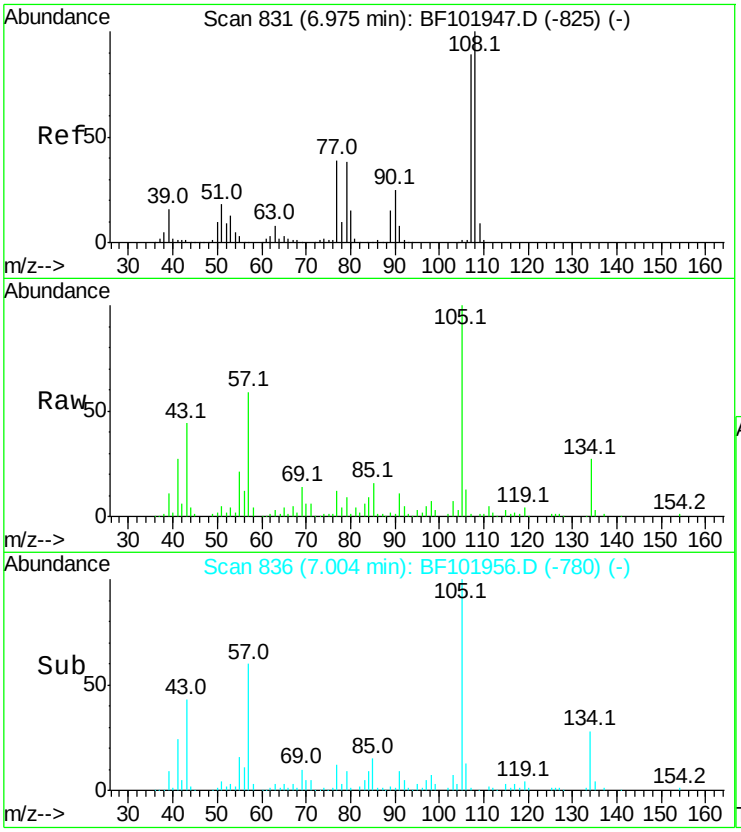


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.011 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 45 Resp: 339

Ion	Ratio	Lower	Upper
45	100		
77	76.4	0.0	32.9#
79	97.0	0.0	29.6#



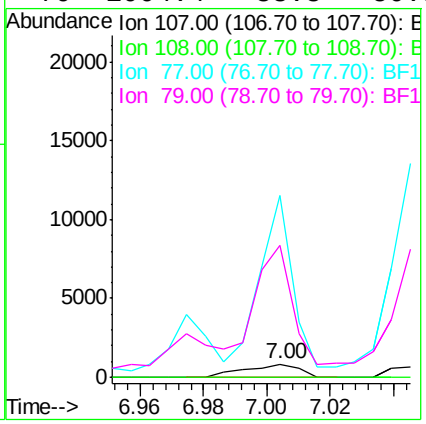


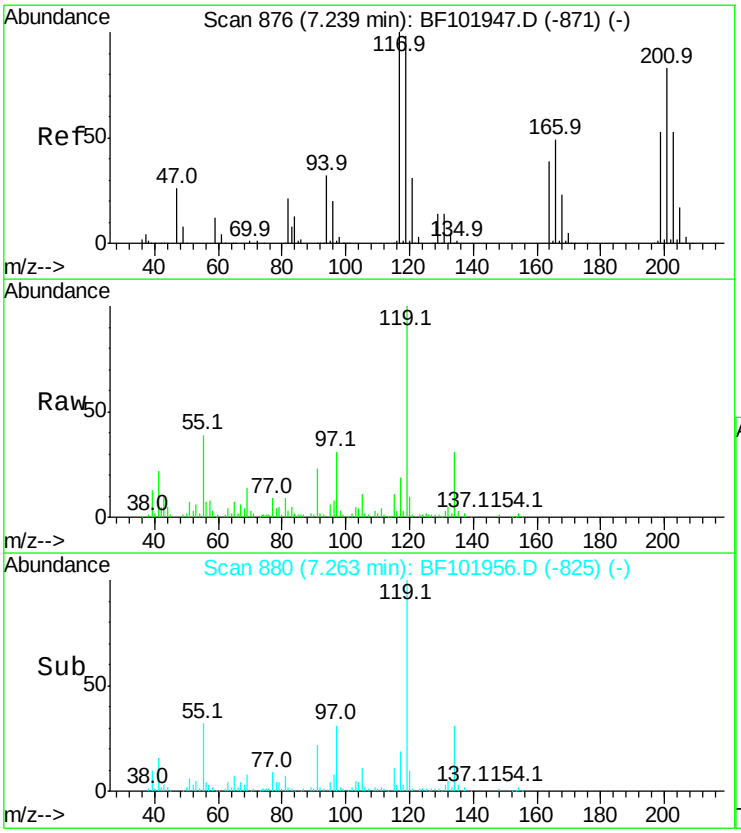
#17
2-Methylphenol
Concen: 0.069 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.03 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 998

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	1379.7	33.8	50.8#
79	1004.4	33.8	50.8#

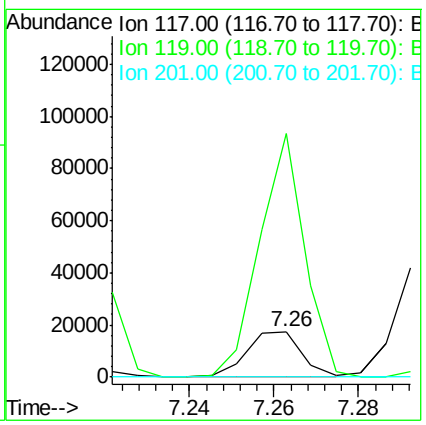


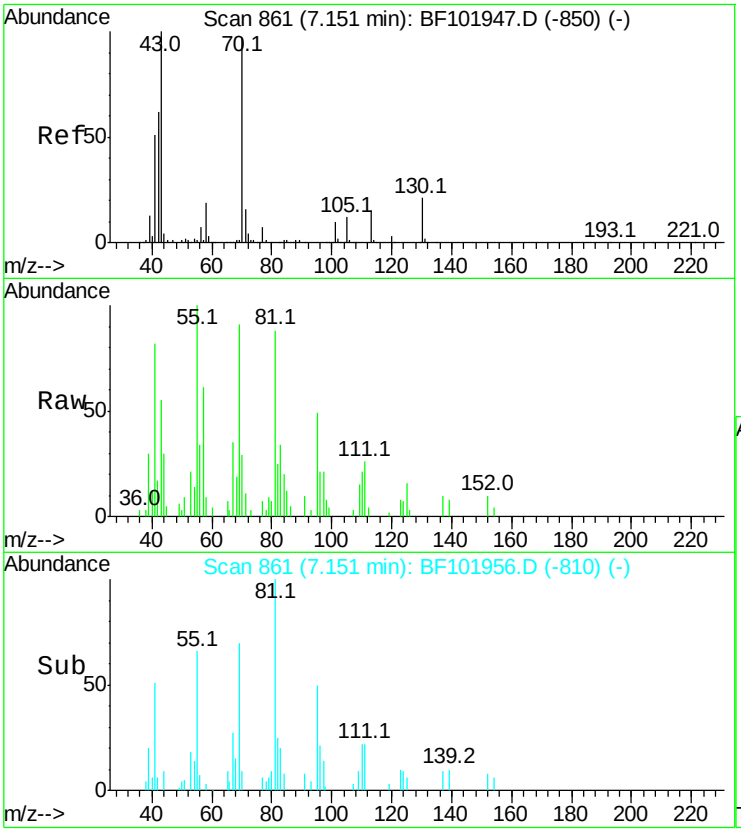


#18
Hexachloroethane
Concen: 2.425 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:117 Resp: 15859

Ion	Ratio	Lower	Upper
117	100		
119	533.3	75.8	113.8#
201	0.0	75.7	113.5#



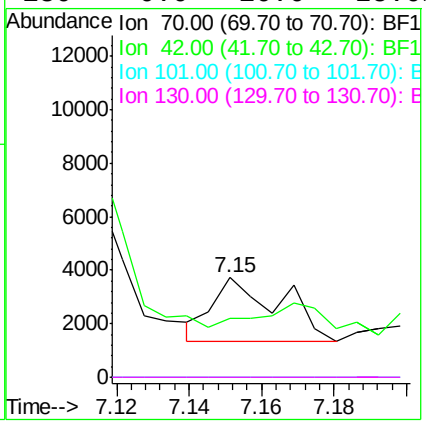


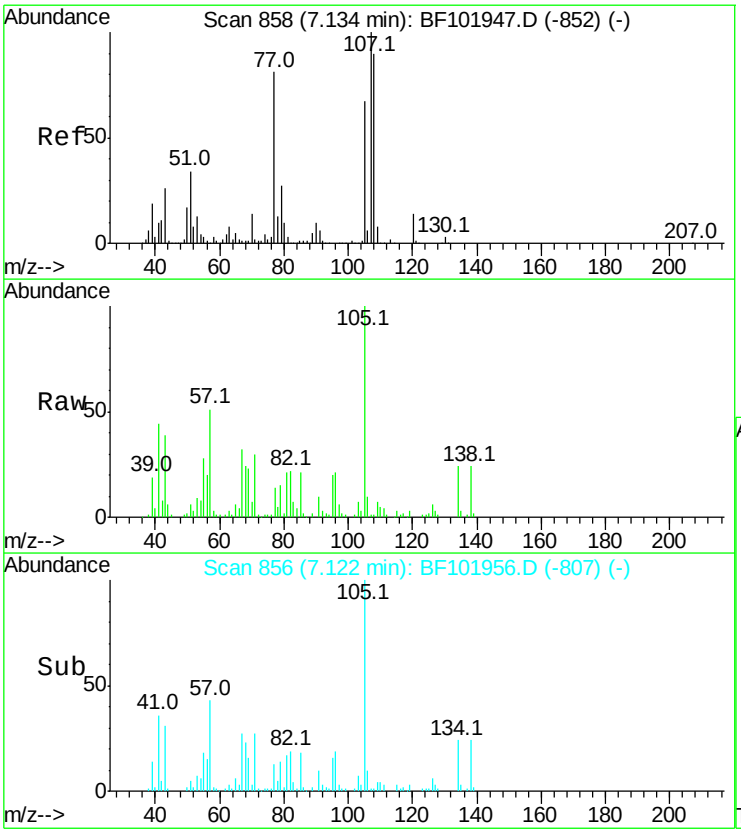
#19
n-Nitroso-di-n-propylamine
Concen: 0.249 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 3131

Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

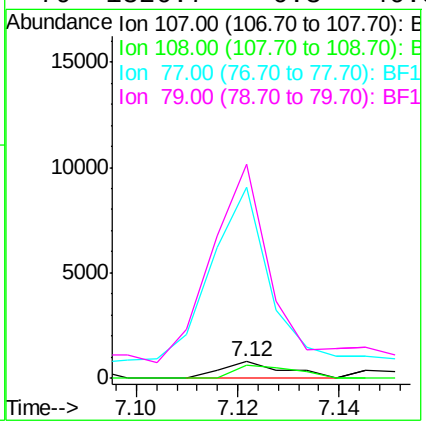


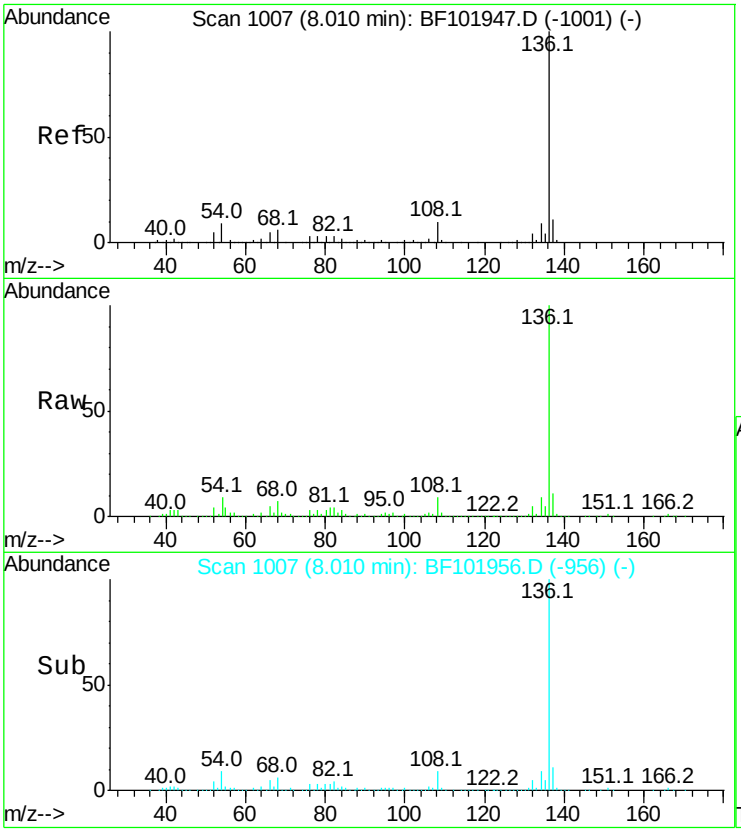


#20
3+4-Methylphenols
Concen: 0.038 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:107 Resp: 669

Ion	Ratio	Lower	Upper
107	100		
108	75.8	68.2	108.2
77	1183.0	26.7	66.7#
79	1326.7	6.3	46.3#



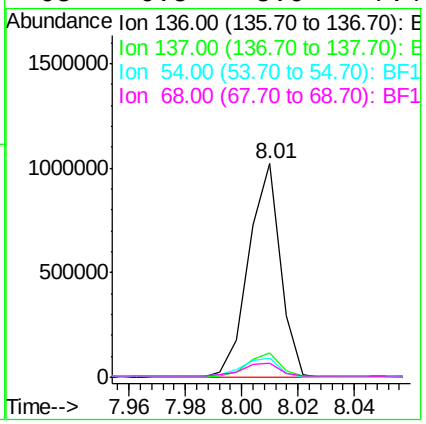


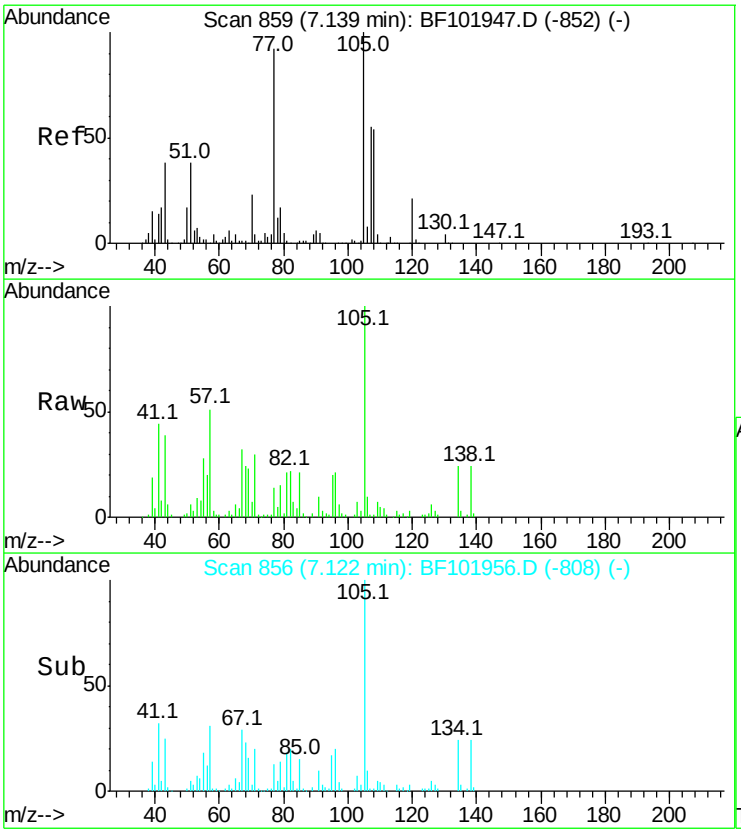
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 796674

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.5	5.0	7.4

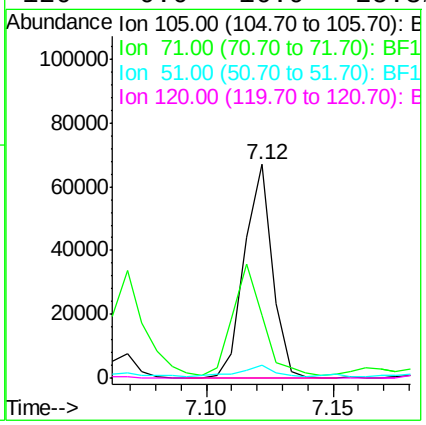


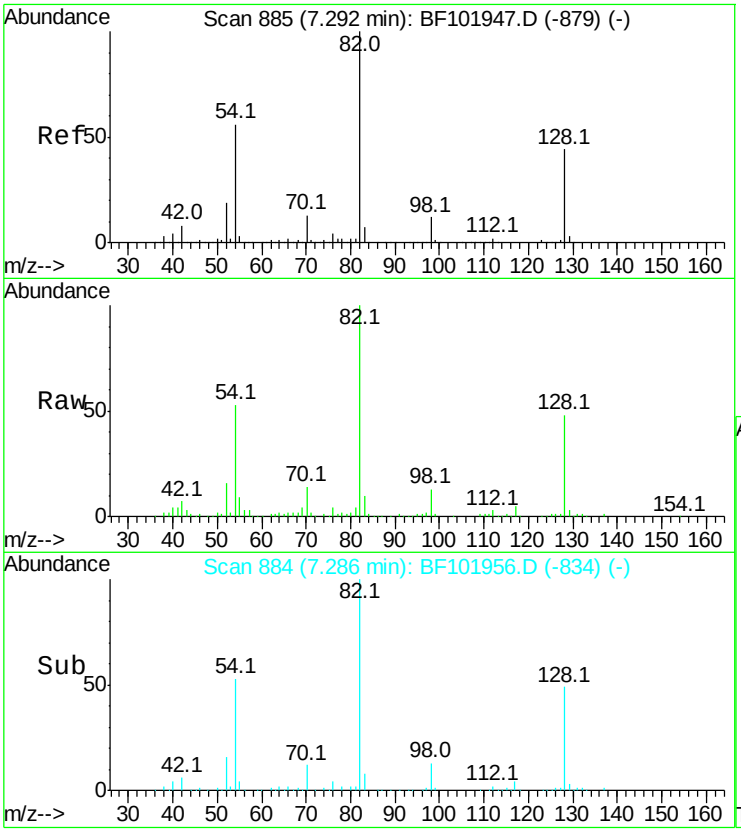


#22
Acetophenone
Concen: 2.683 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:105 Resp: 51493

Ion	Ratio	Lower	Upper
105	100		
71	29.6	4.4	6.6#
51	6.1	22.3	33.5#
120	0.0	16.9	25.3#



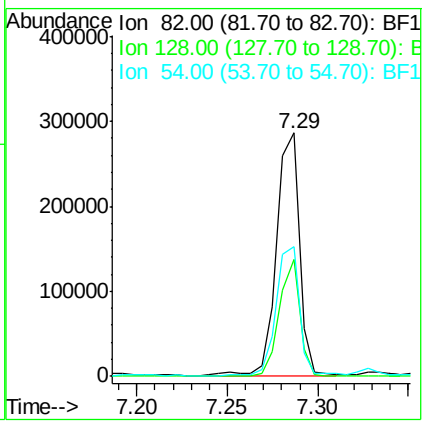


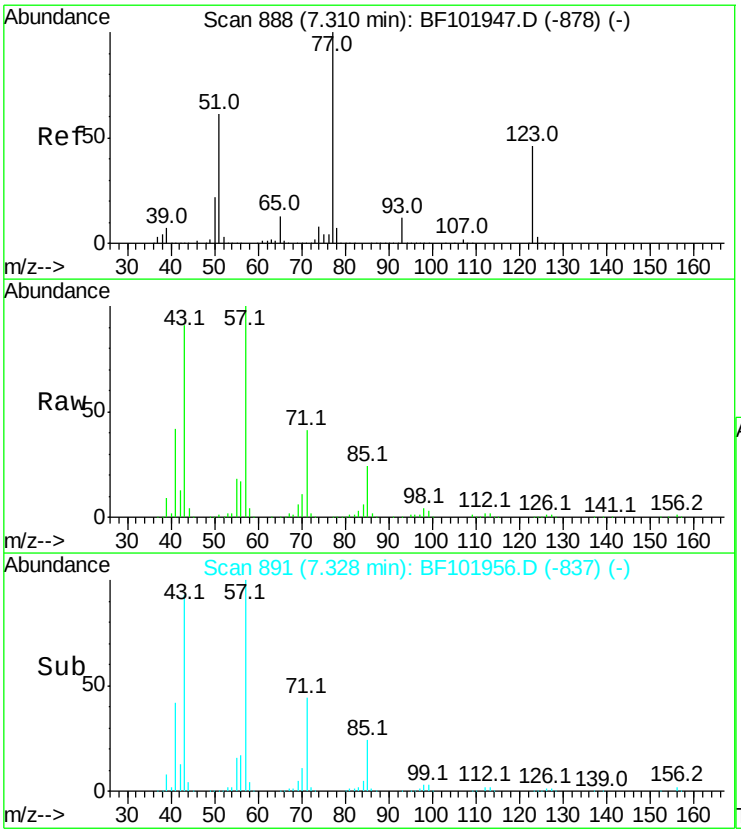
#23
Nitrobenzene-d5
Concen: 18.397 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 249414

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	53.0	41.4	62.2

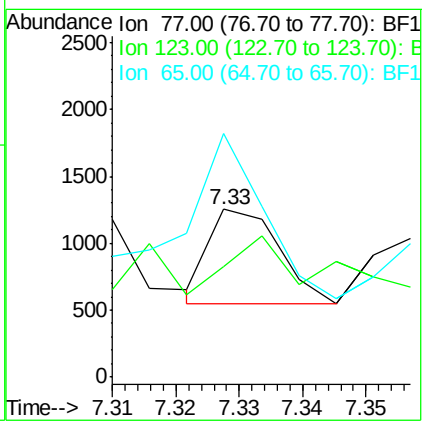


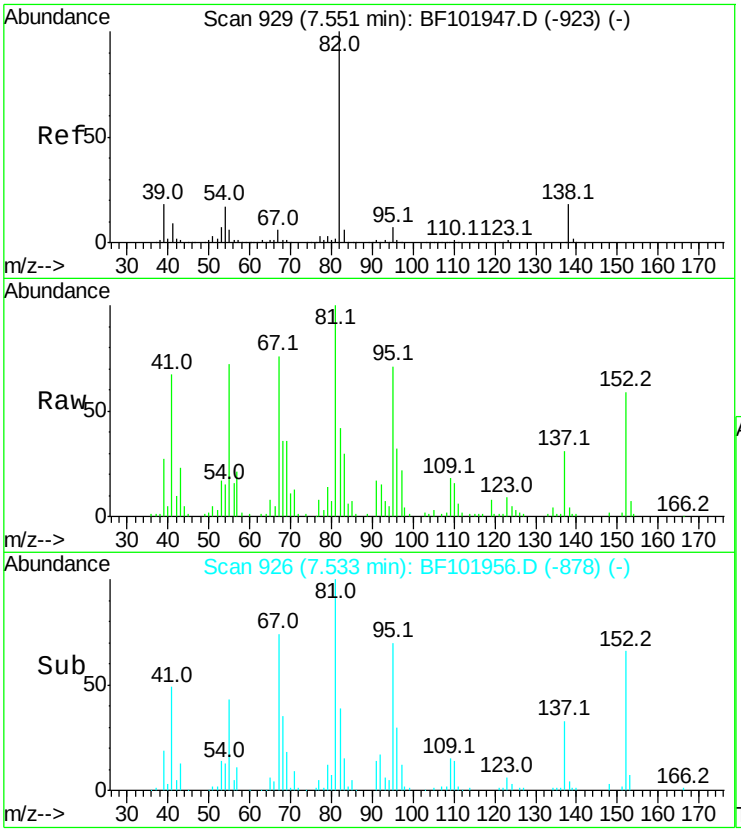


#24
Nitrobenzene
Concen: 0.036 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 77 Resp: 531

Ion	Ratio	Lower	Upper
77	100		
123	66.0	37.9	56.9#
65	145.4	11.0	16.4#



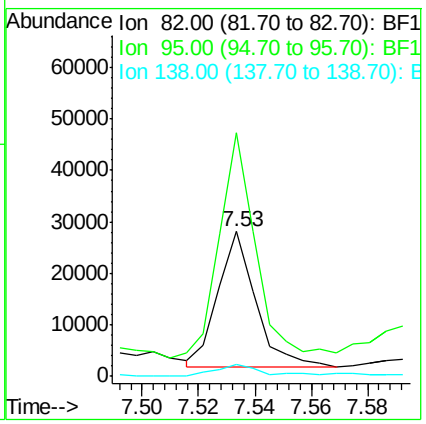


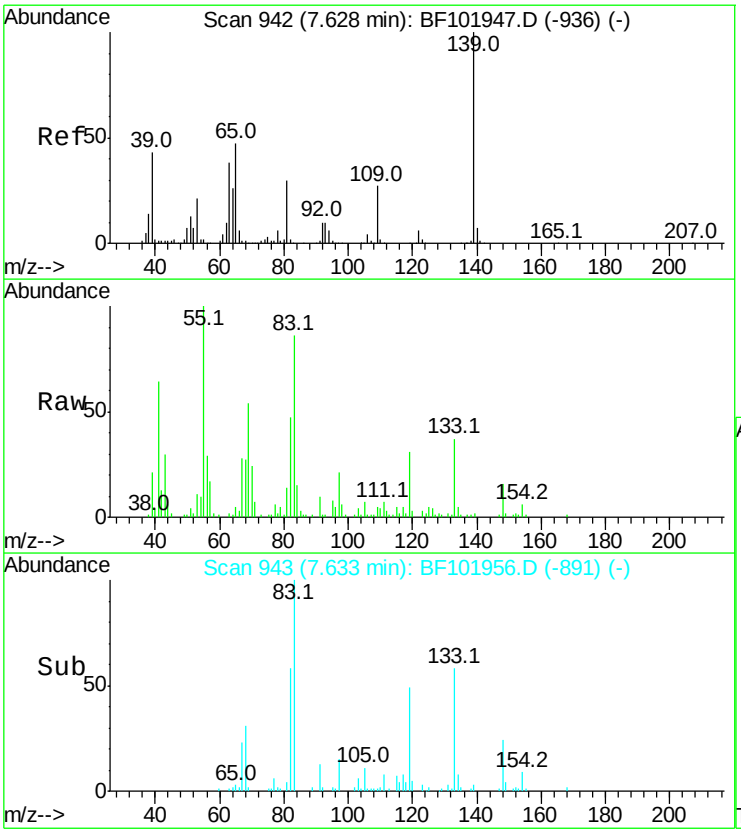
#25
Isophorone
Concen: 0.927 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 24841

Ion	Ratio	Lower	Upper
82	100		
95	168.2	5.2	7.8#
138	8.6	14.9	22.3#

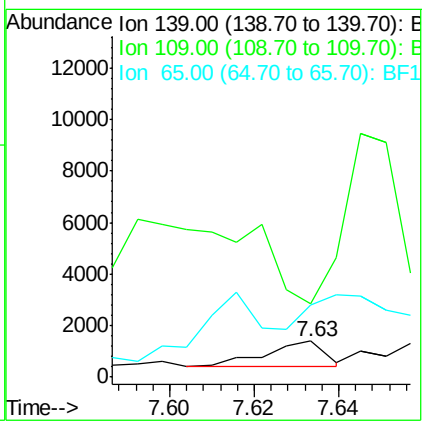


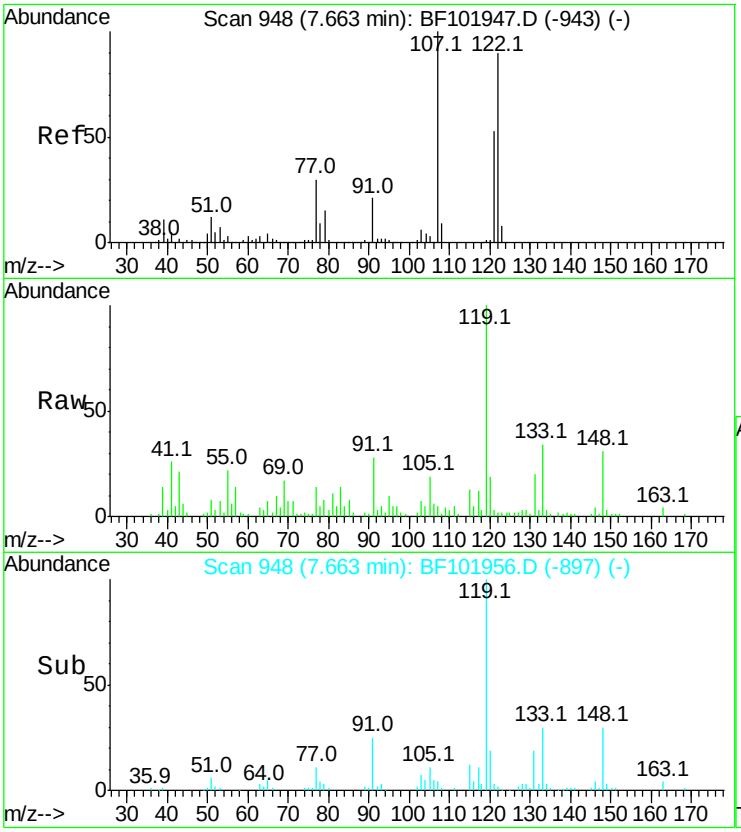


#26
2-Nitrophenol
Concen: 0.145 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:139 Resp: 882

Ion	Ratio	Lower	Upper
139	100		
109	202.4	22.7	34.1#
65	201.5	40.5	60.7#



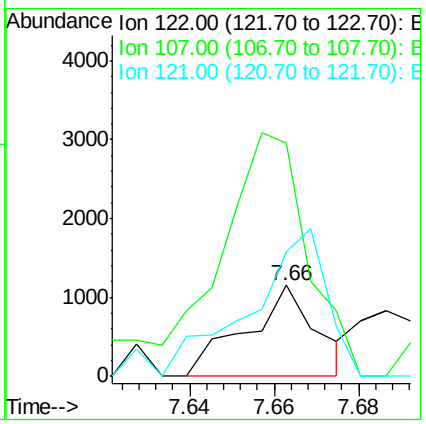


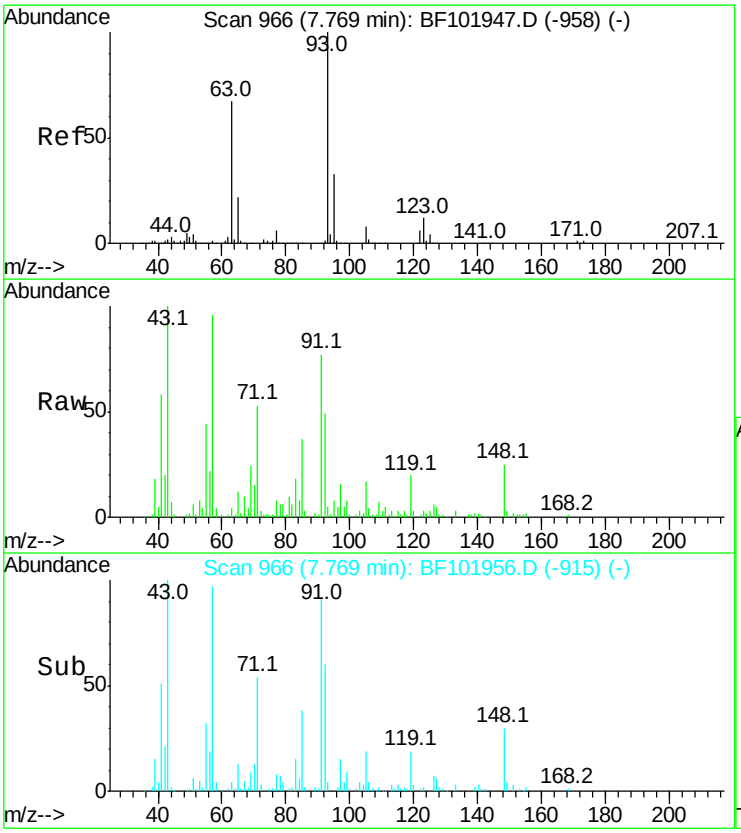
#27
2,4-Dimethylphenol
Concen: 0.118 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1339

Ion	Ratio	Lower	Upper
122	100		
107	256.8	91.2	136.8#
121	136.6	47.2	70.8#

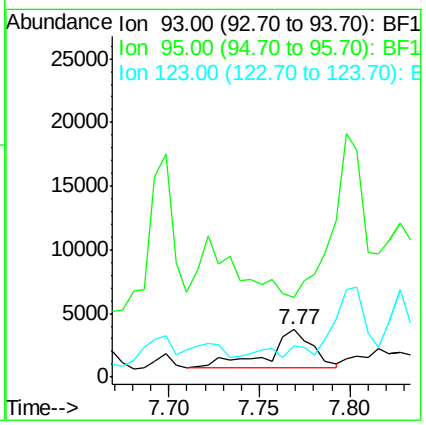


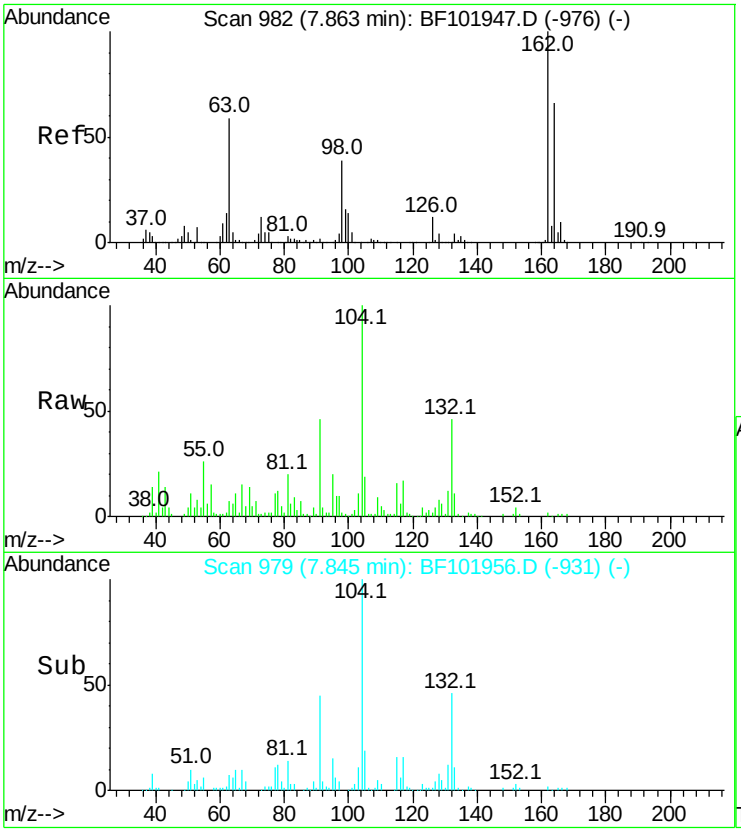


#28
bis(2-Chloroethoxy)methane
Concen: 0.321 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 93 Resp: 5194

Ion	Ratio	Lower	Upper
93	100		
95	169.1	26.3	39.5#
123	66.0	9.8	14.6#



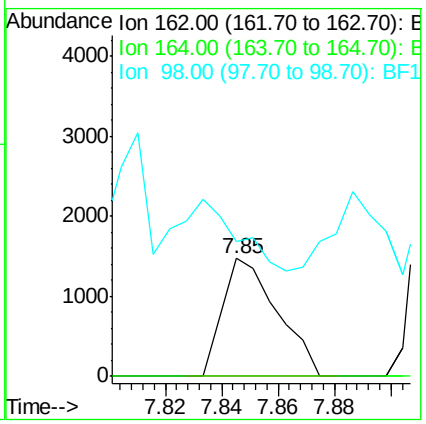


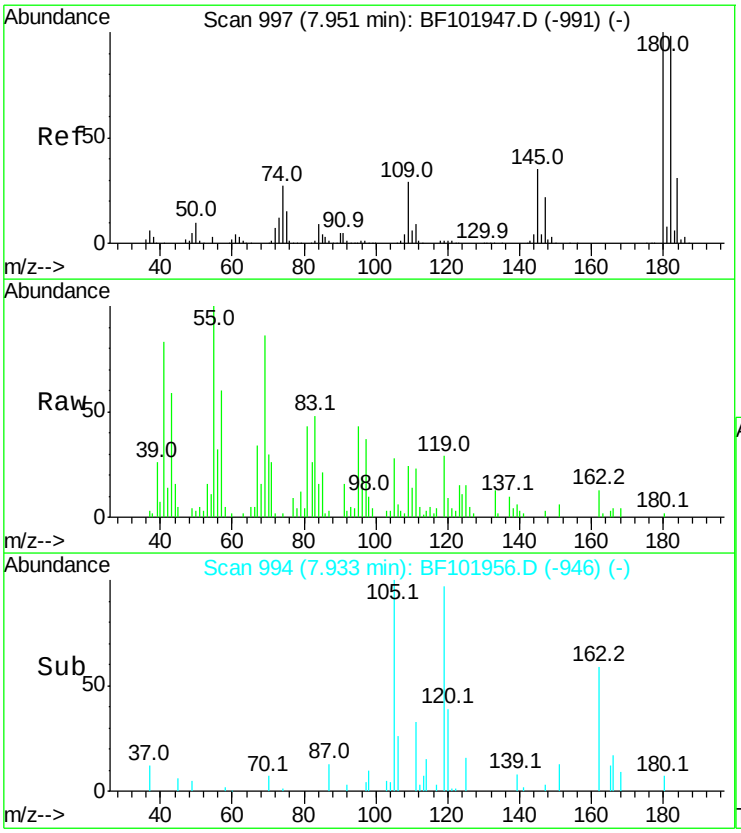
#29
2,4-Dichlorophenol
Concen: 0.183 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 1981

Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.7	82.7#
98	114.8	18.1	58.1#

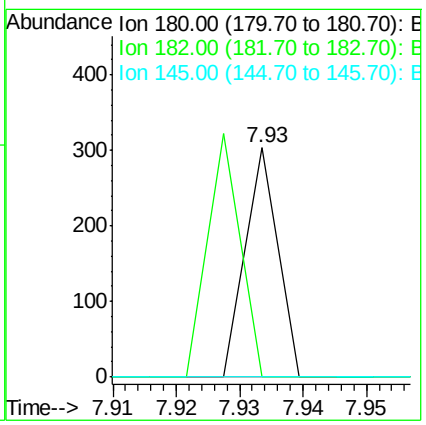


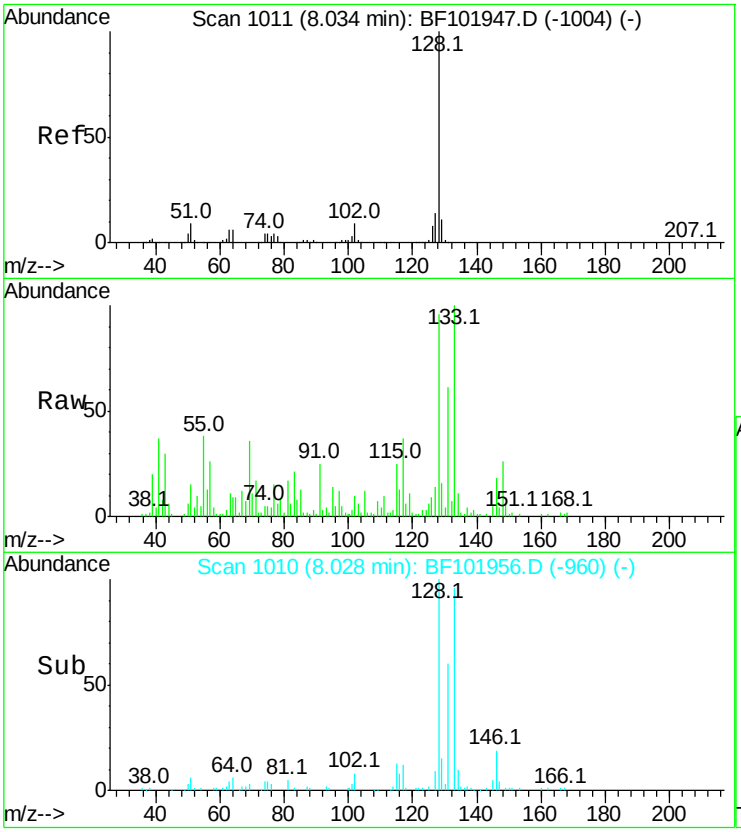


#30
1,2,4-Trichlorobenzene
Concen: 0.009 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:180 Resp: 107

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
145	0.0	26.5	39.7#



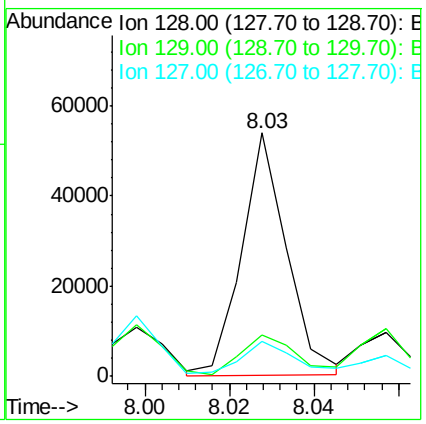


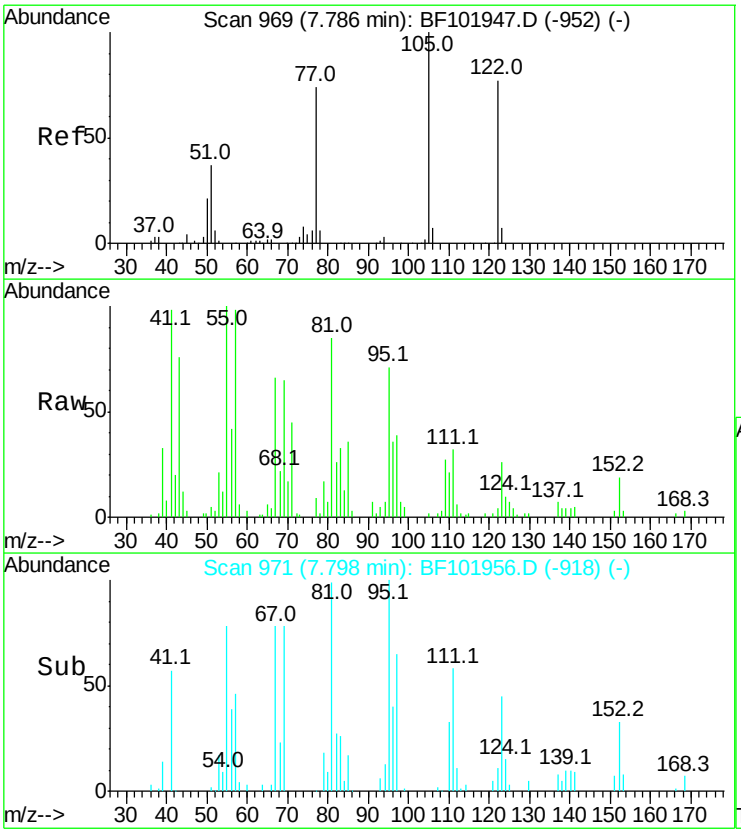
#31
Naphthalene
Concen: 1.001 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 39848

Ion	Ratio	Lower	Upper
128	100		
129	16.9	8.8	13.2#
127	14.4	10.9	16.3

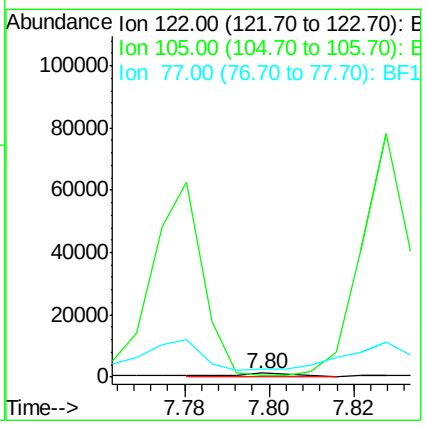


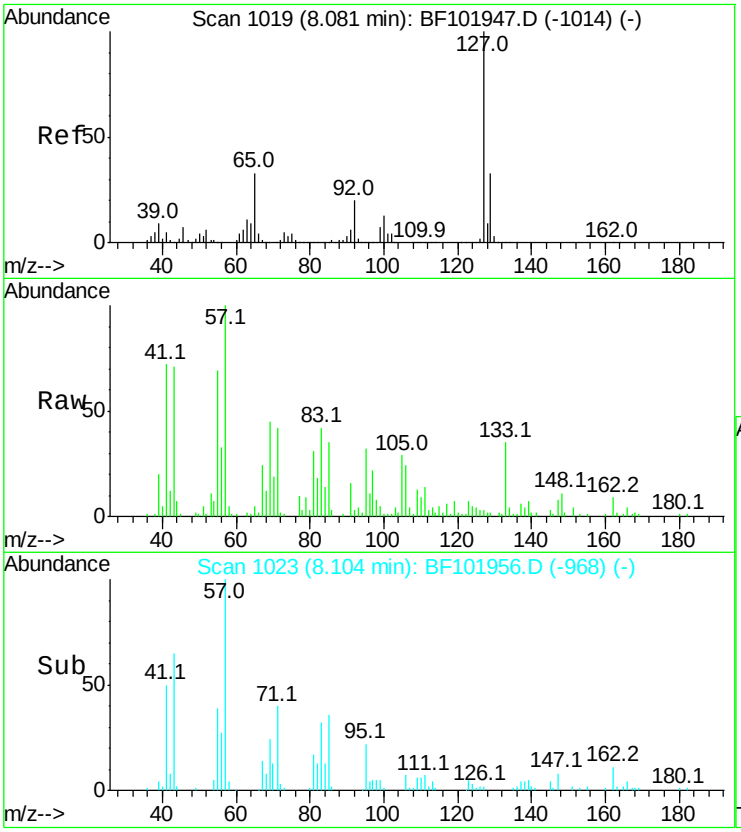


#32
Benzoic acid
Concen: 0.090 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:122 Resp: 774

Ion	Ratio	Lower	Upper
122	100		
105	36.4	101.1	141.1#
77	206.8	70.7	110.7#



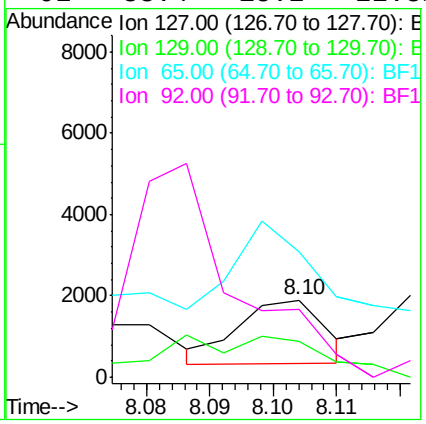


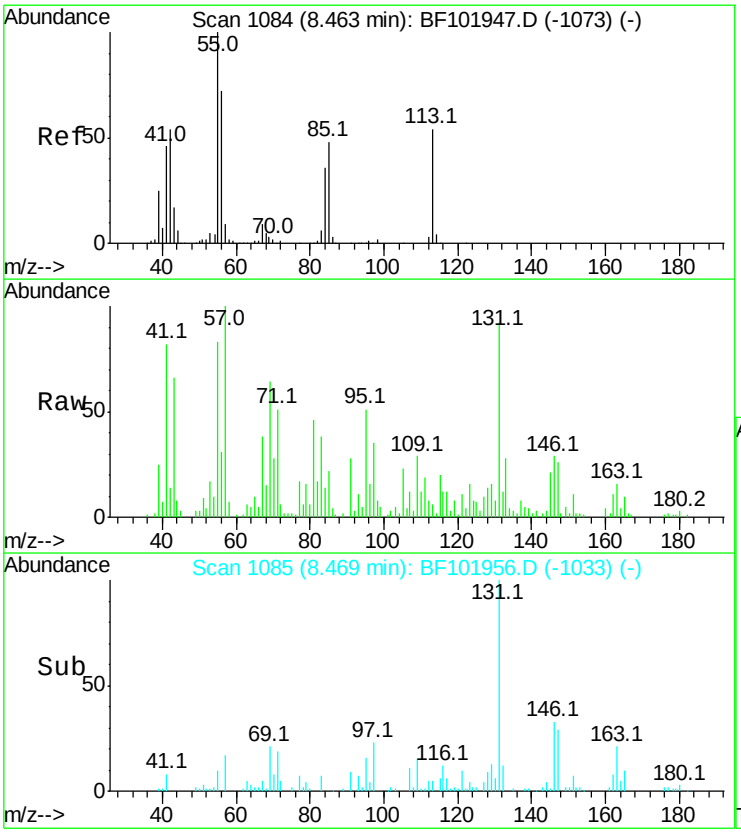
#33
4-Chloroaniline
Concen: 0.088 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 1498

Ion	Ratio	Lower	Upper
127	100		
129	47.3	25.9	38.9#
65	162.9	25.0	37.4#
92	88.4	15.2	22.8#

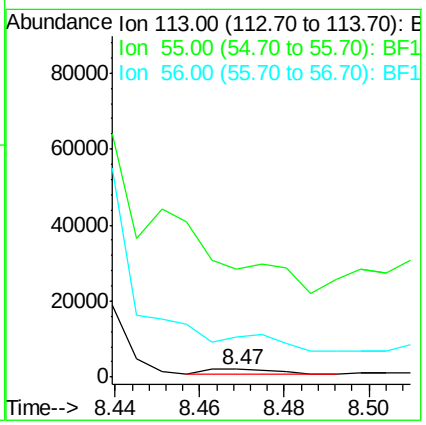


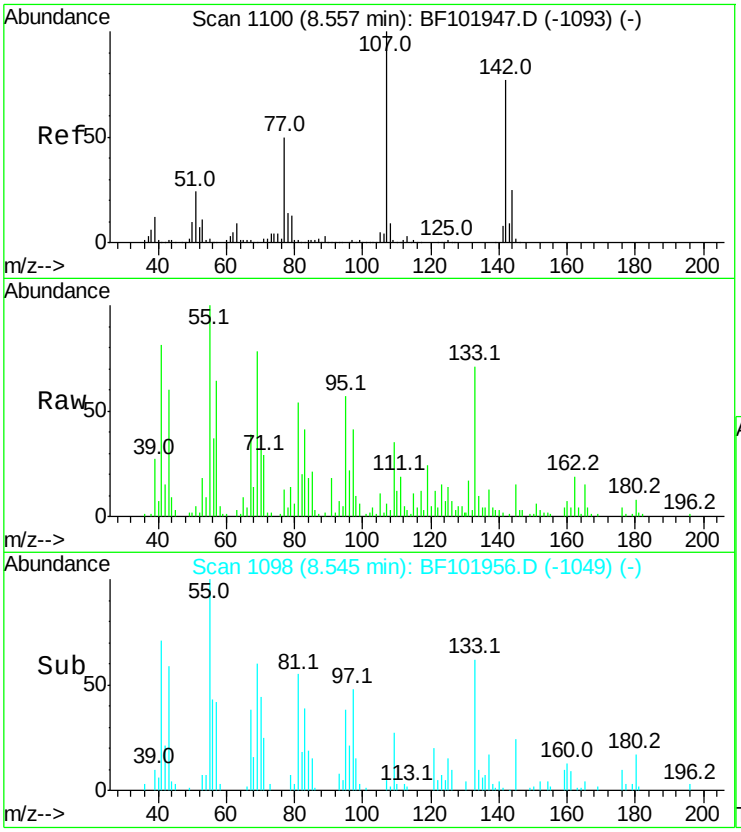


#35
Caprolactam
Concen: 0.407 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:113 Resp: 1509

Ion	Ratio	Lower	Upper
113	100		
55	1379.2	163.3	203.3#
56	508.5	115.7	155.7#



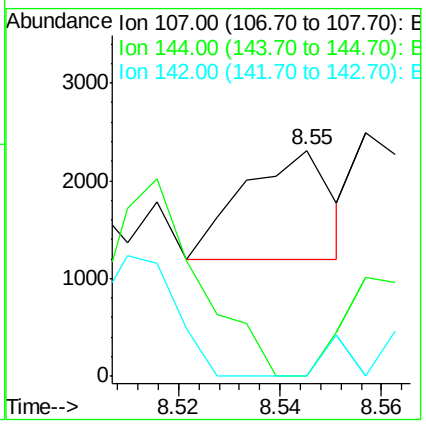


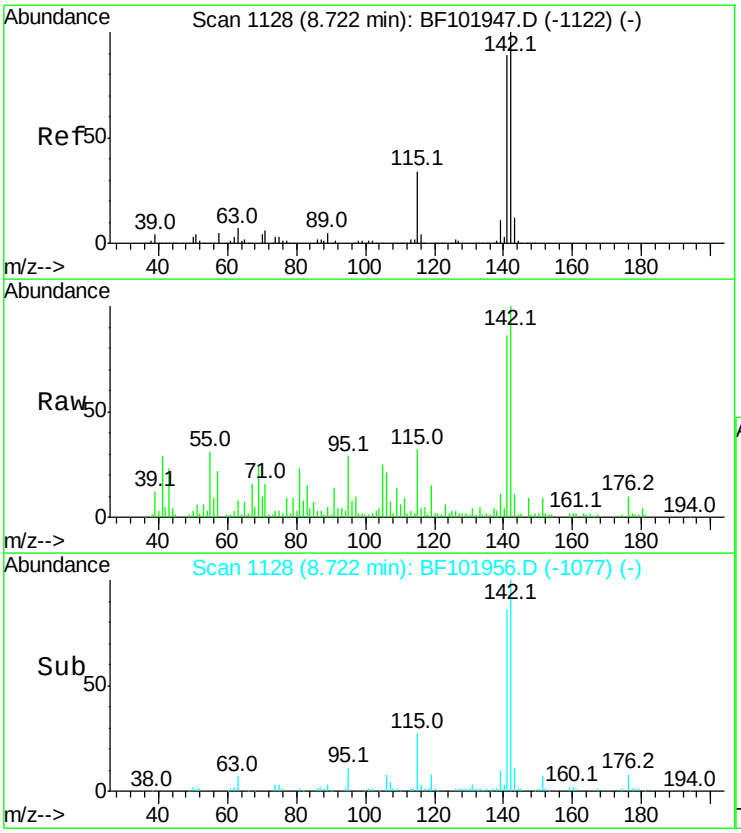
#36
4-Chloro-3-methylphenol
Concen: 0.113 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1340

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#

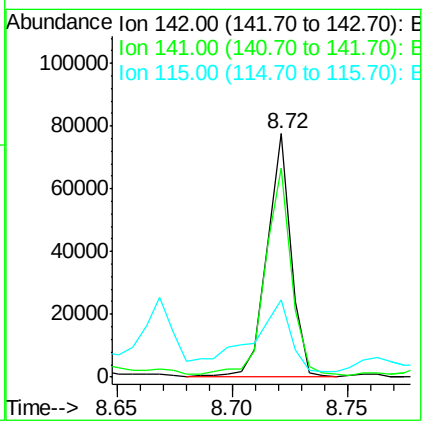


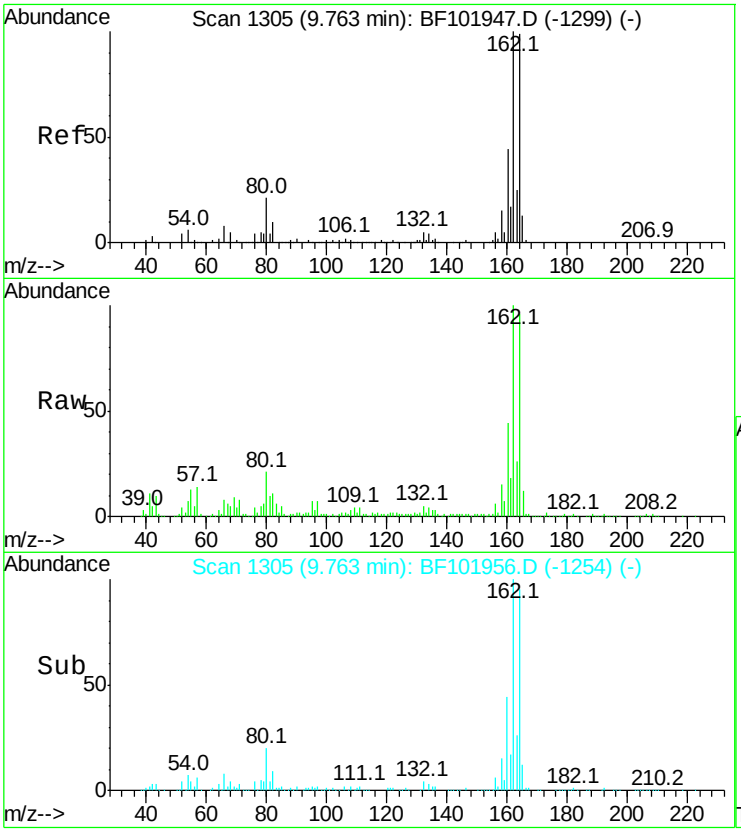


#37
2-Methylnaphthalene
Concen: 2.163 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:142 Resp: 56682

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.8	106.2
115	31.7	26.1	39.1



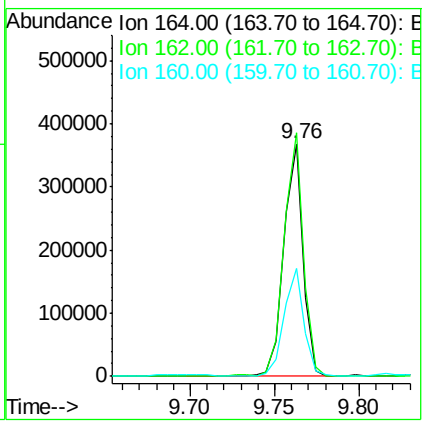


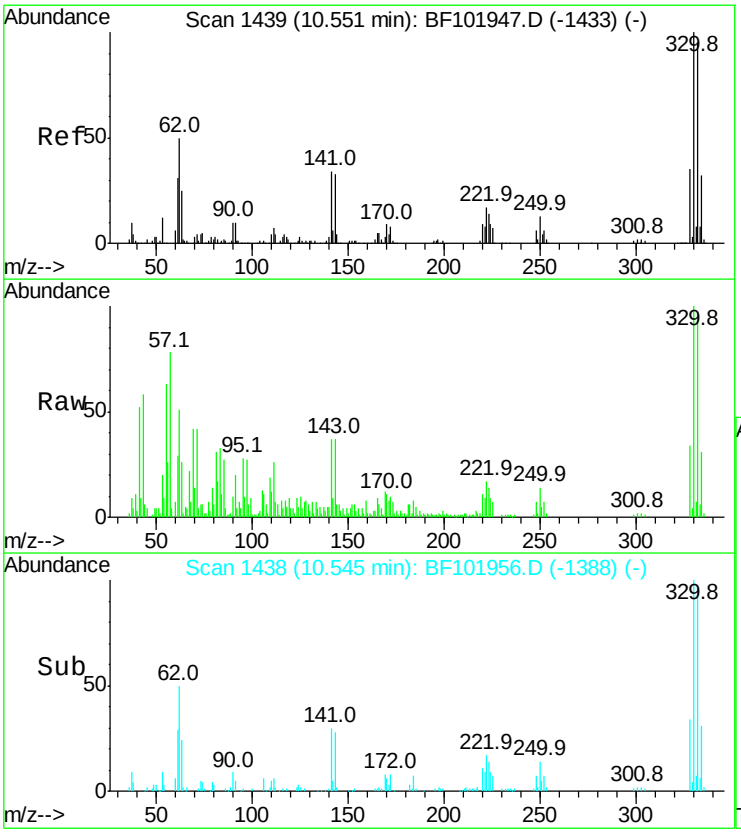
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 292363

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.5	38.3	57.5

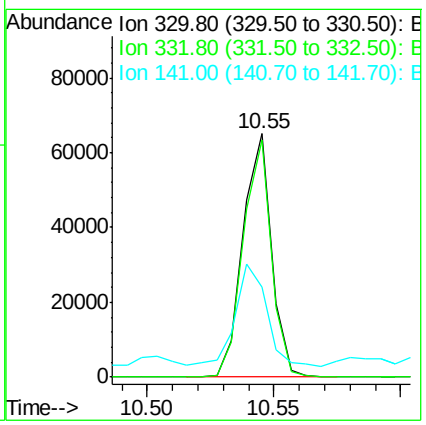


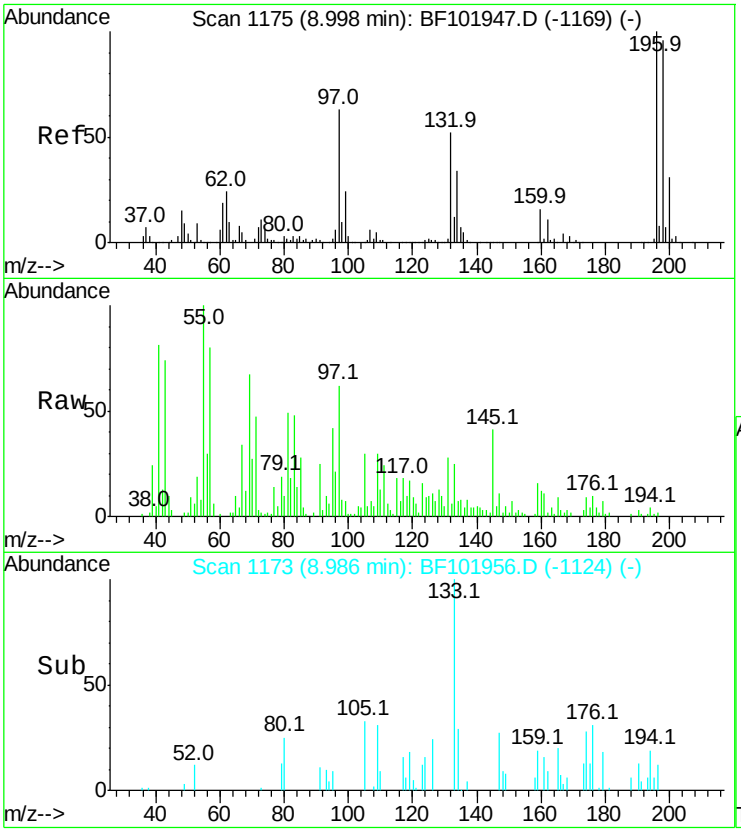


#41
2,4,6-Tribromophenol
Concen: 20.072 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:330 Resp: 51211

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	45.4	29.9	44.9#



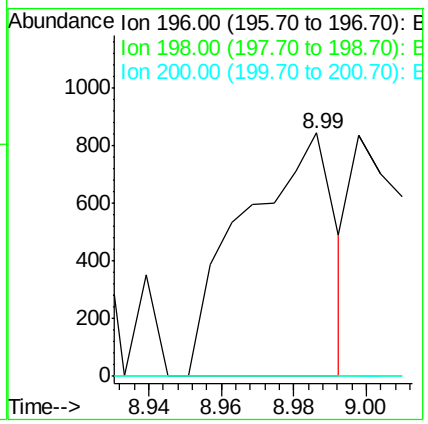


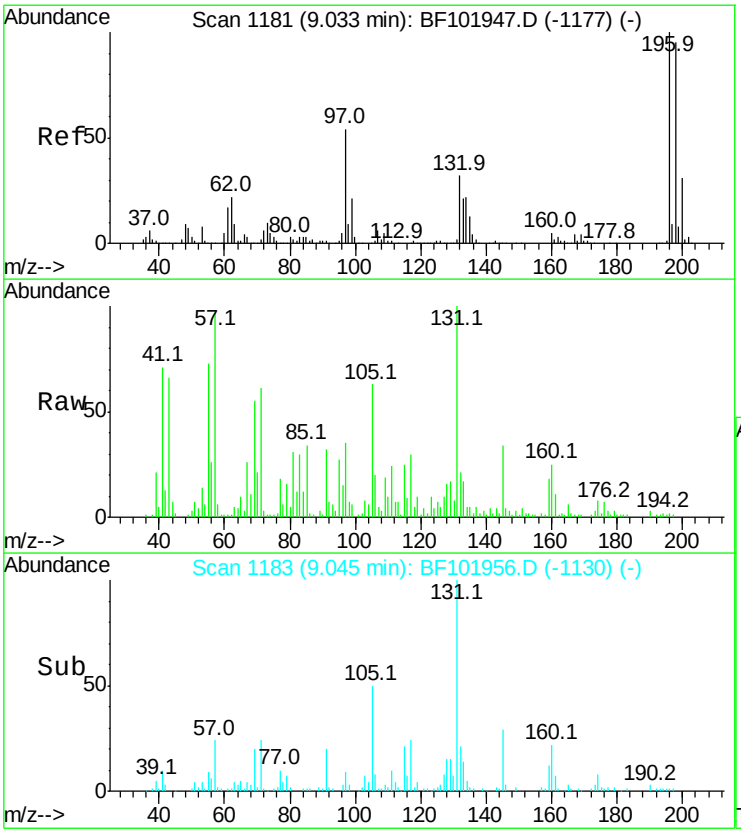
#42
2,4,6-Trichlorophenol
Concen: 0.258 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 1469

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.7	113.5#
200	0.0	24.5	36.7#

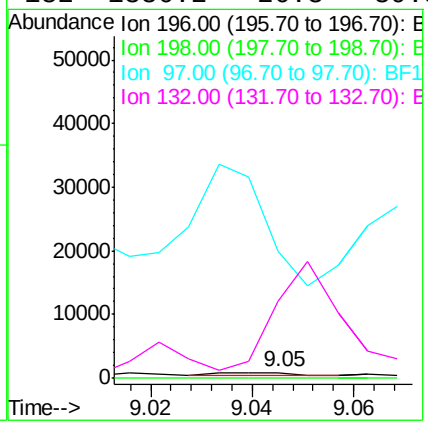


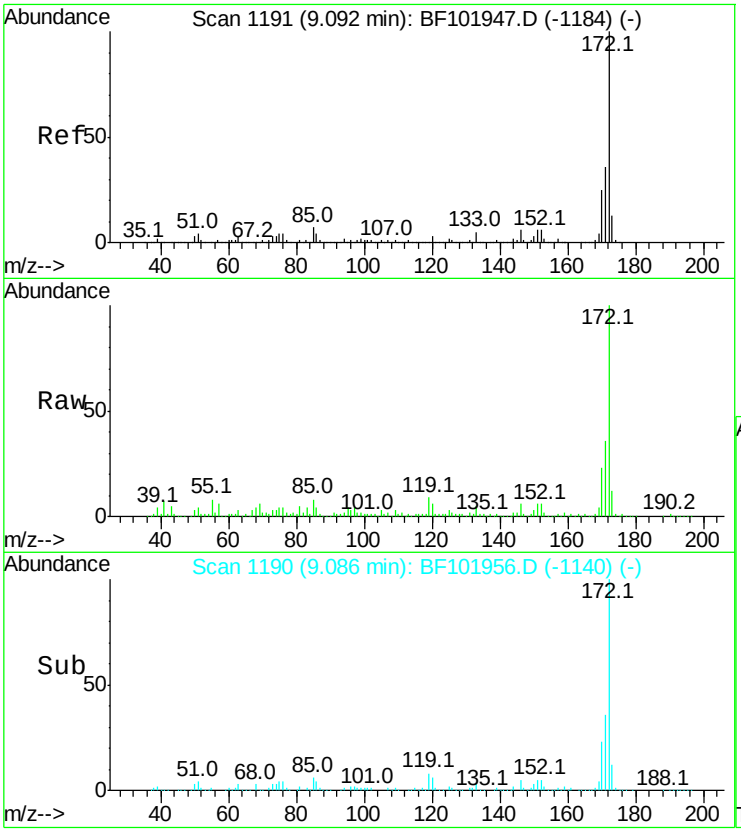


#43
2,4,5-Trichlorophenol
Concen: 0.062 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:196 Resp: 401

Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.6	112.0#
97	2214.0	42.9	64.3#
132	1336.2	26.3	39.5#



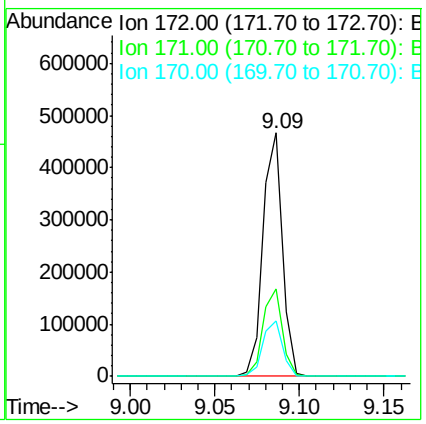


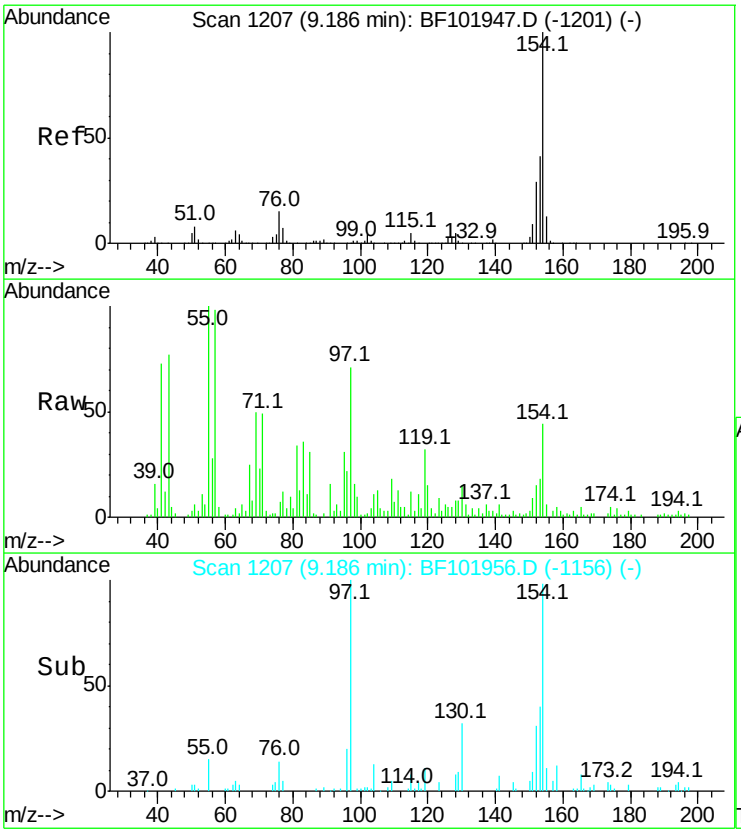
#44
2-Fluorobiphenyl
Concen: 19.886 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 372148

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.0	19.6	29.4

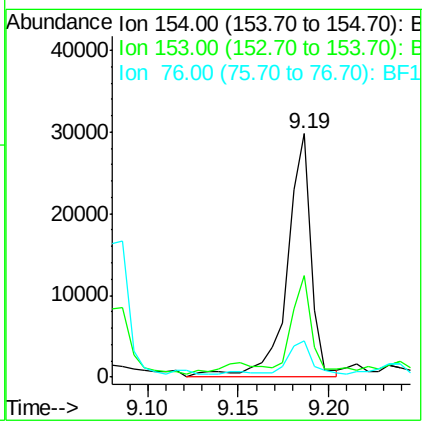


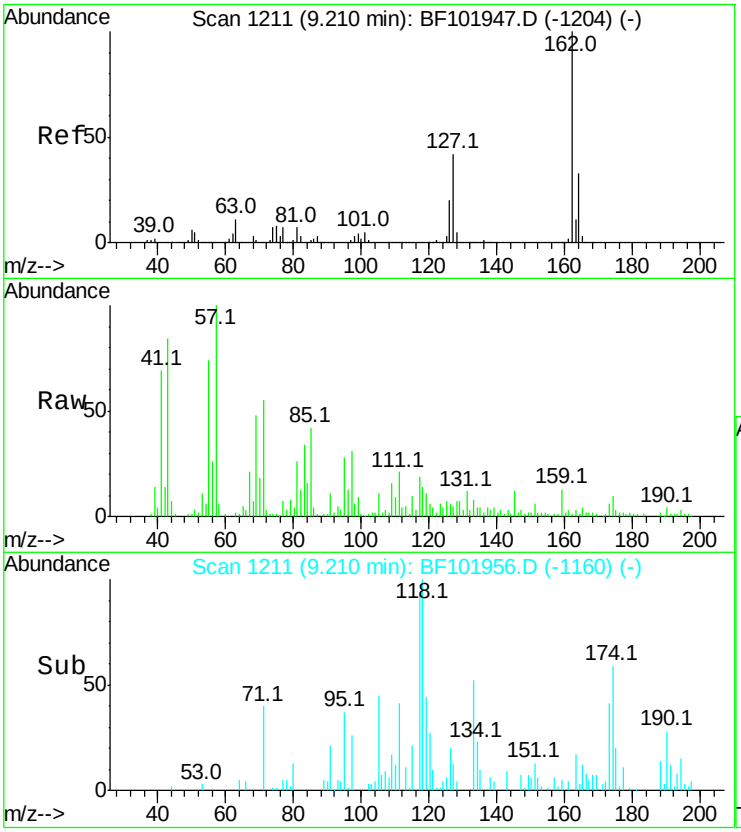


#45
1,1'-Biphenyl
Concen: 1.076 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:154 Resp: 27805

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	15.0	0.0	34.0



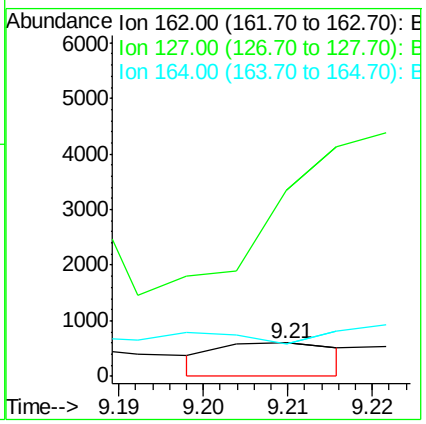


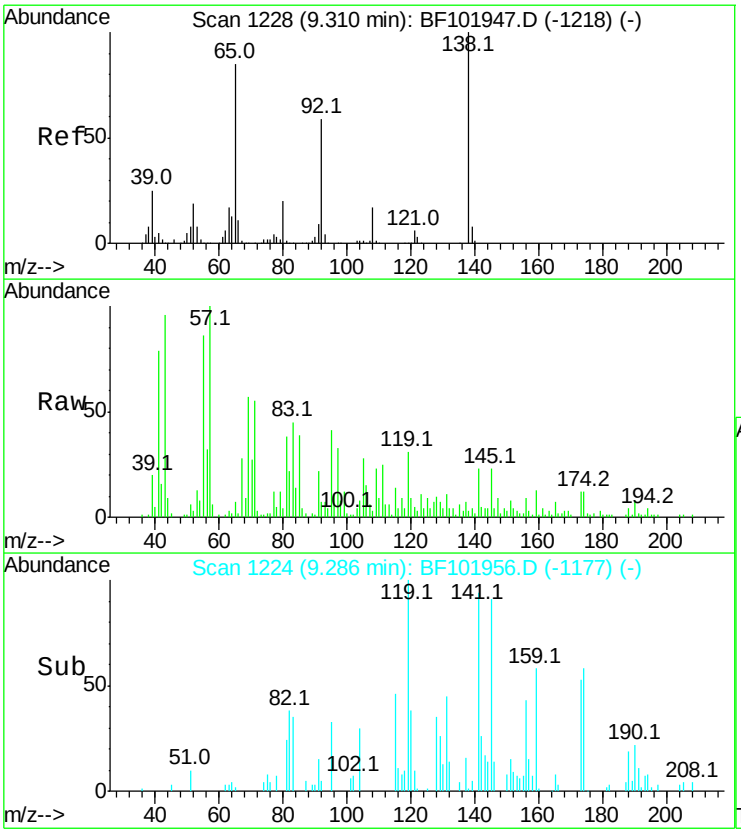
#46
2-Chloronaphthalene
Concen: 0.030 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 597

Ion	Ratio	Lower	Upper
162	100		
127	554.8	33.9	50.9#
164	94.9	26.5	39.7#

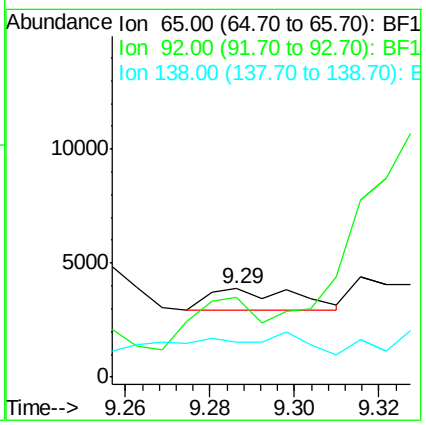


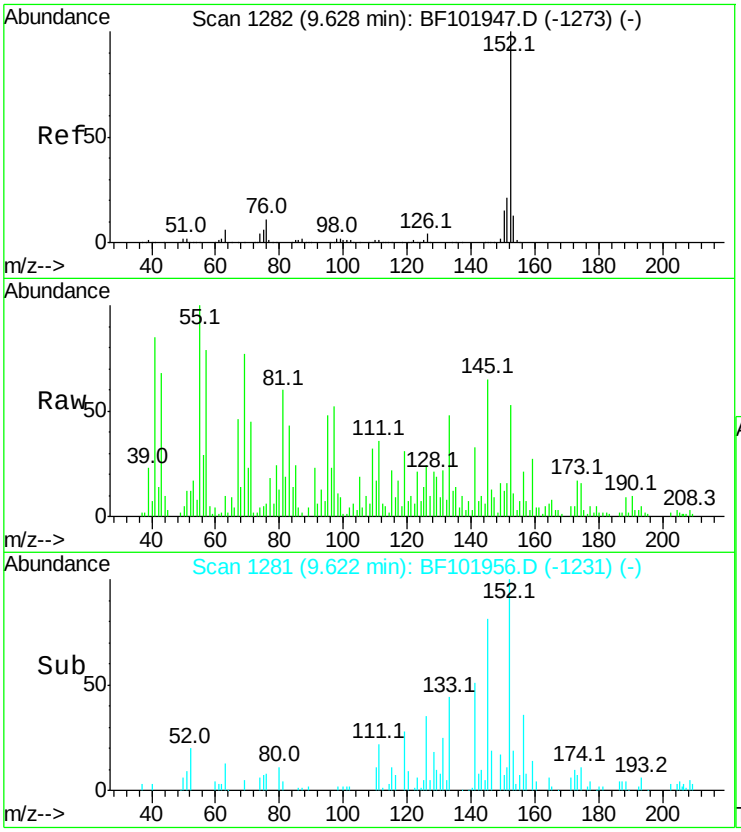


#47
2-Nitroaniline
Concen: 0.216 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion: 65 Resp: 1298

Ion	Ratio	Lower	Upper
65	100		
92	89.8	55.8	83.6#
138	39.8	91.2	136.8#



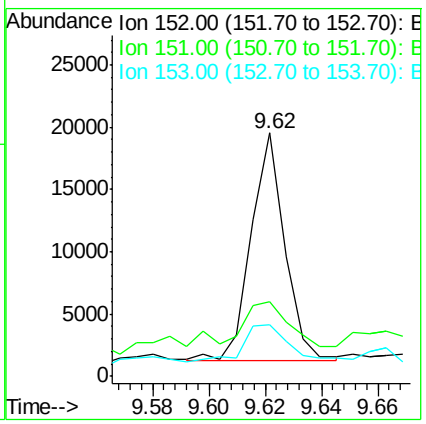


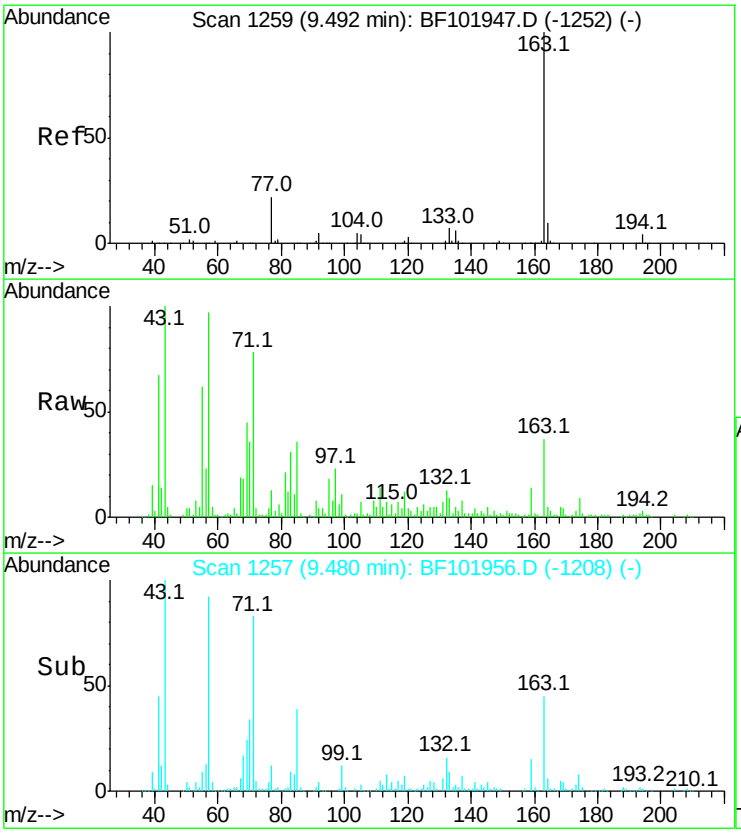
#48
Acenaphthylene
Concen: 0.471 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 14974

Ion	Ratio	Lower	Upper
152	100		
151	30.6	16.3	24.5#
153	21.3	10.7	16.1#

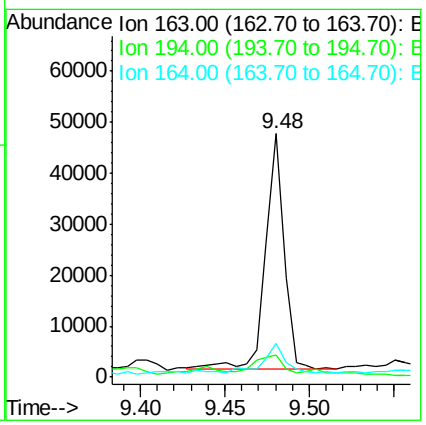


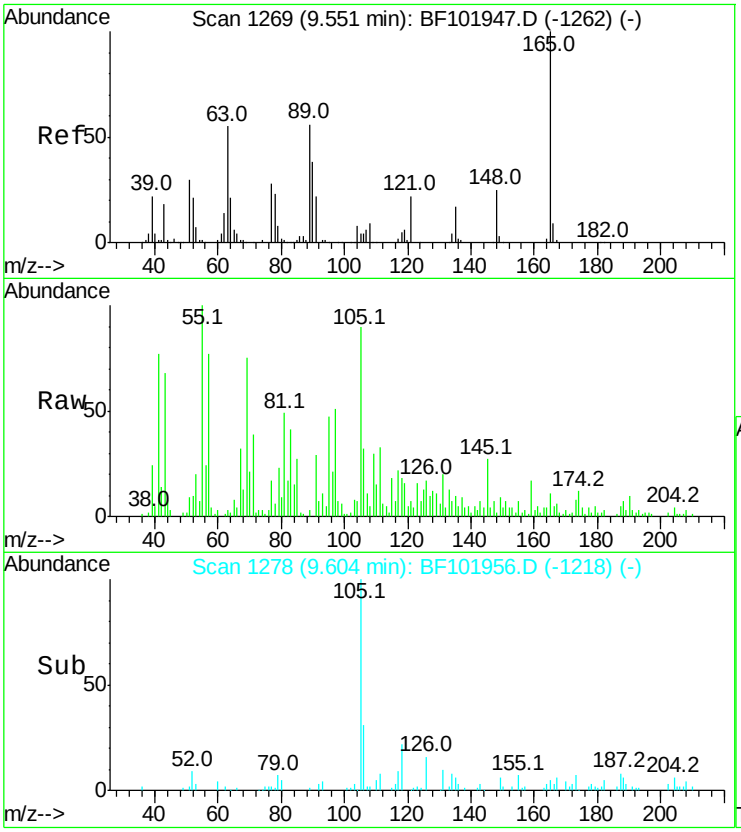


#49
Dimethylphthalate
Concen: 1.482 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:163 Resp: 34760

Ion	Ratio	Lower	Upper
163	100		
194	8.9	2.7	4.1#
164	13.8	8.2	12.2#



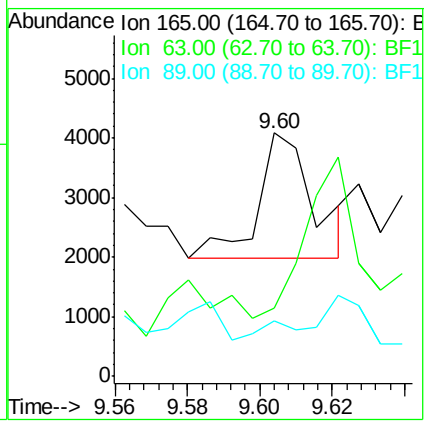


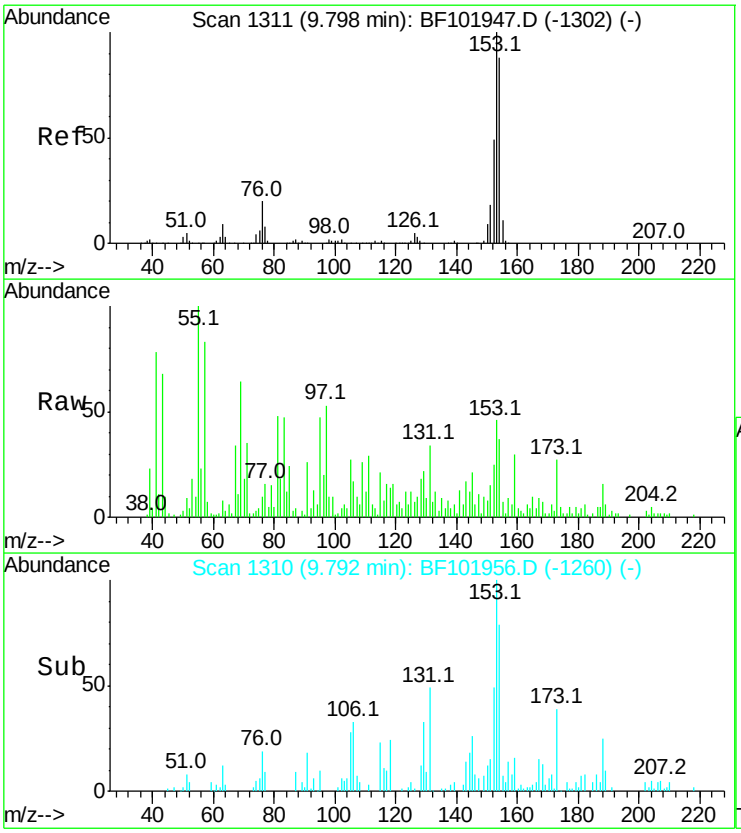
#50
2,6-Dinitrotoluene
Concen: 0.477 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.05 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2237

Ion	Ratio	Lower	Upper
165	100		
63	28.1	44.7	67.1#
89	22.8	44.0	66.0#

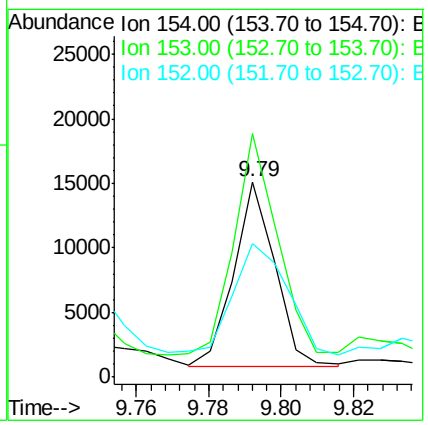


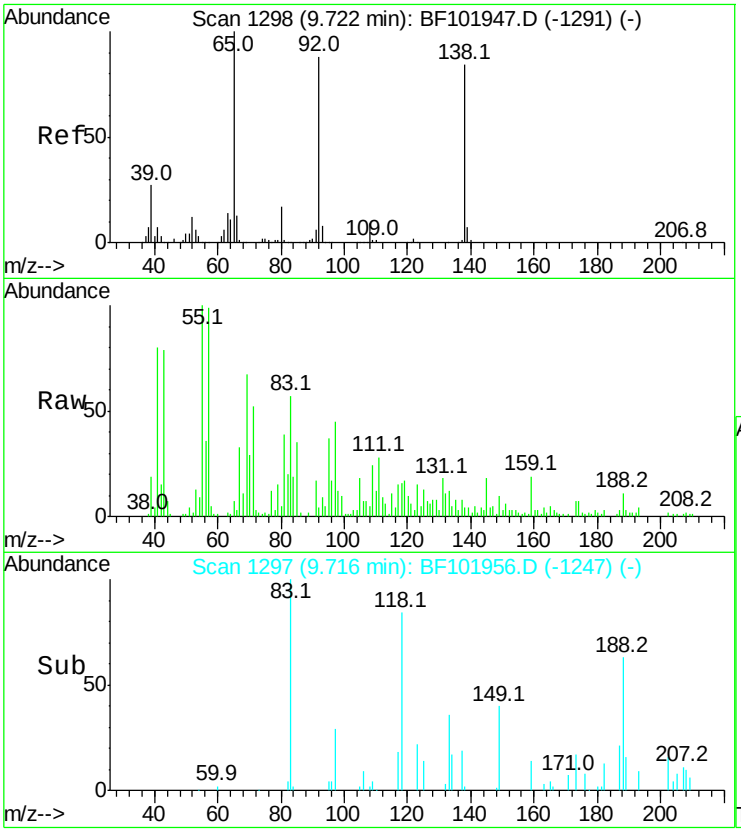


#51
Acenaphthene
Concen: 0.590 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:154 Resp: 11396

Ion	Ratio	Lower	Upper
154	100		
153	124.8	91.2	136.8
152	68.1	43.8	65.8#



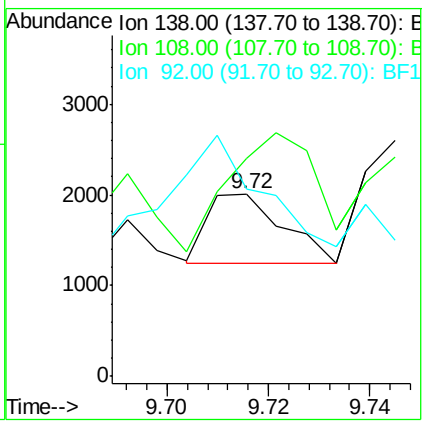


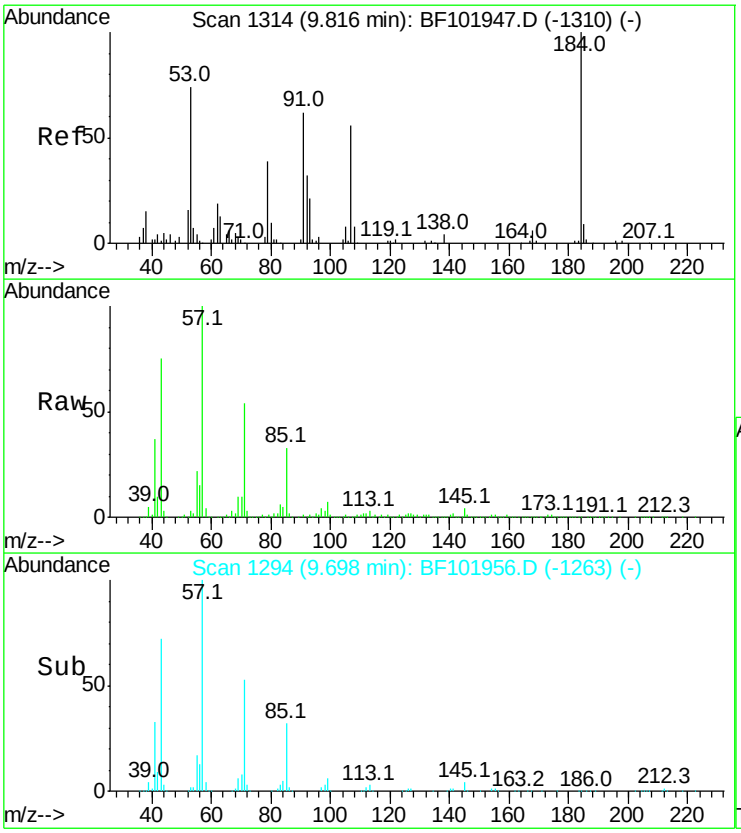
#52
3-Nitroaniline
Concen: 0.134 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 794

Ion	Ratio	Lower	Upper
138	100		
108	119.1	9.4	14.0#
92	102.2	89.4	134.2

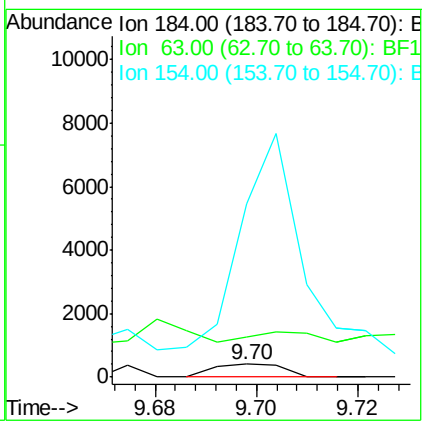


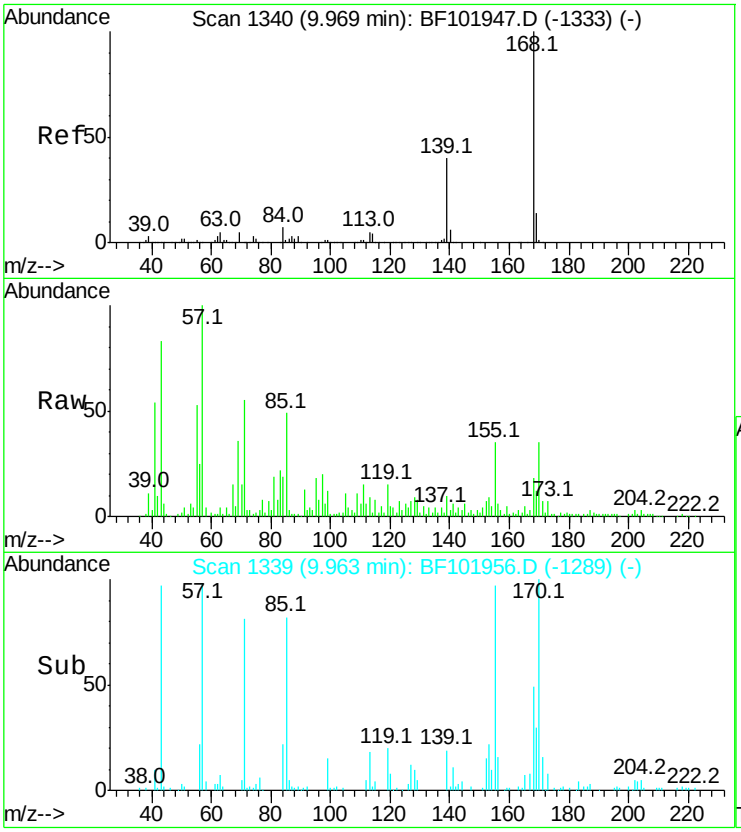


#53
2,4-Dinitrophenol
Concen: 8.852 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.12 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:184 Resp: 389

Ion	Ratio	Lower	Upper
184	100		
63	311.0	54.2	81.2#
154	1337.3	184.0	276.0#



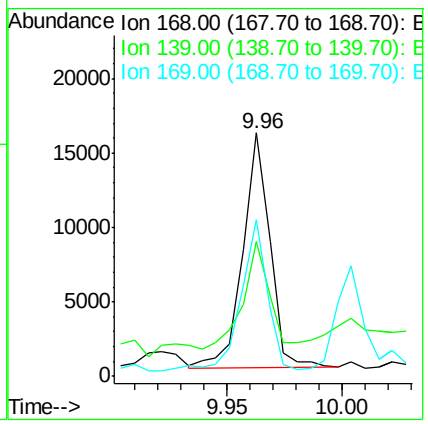


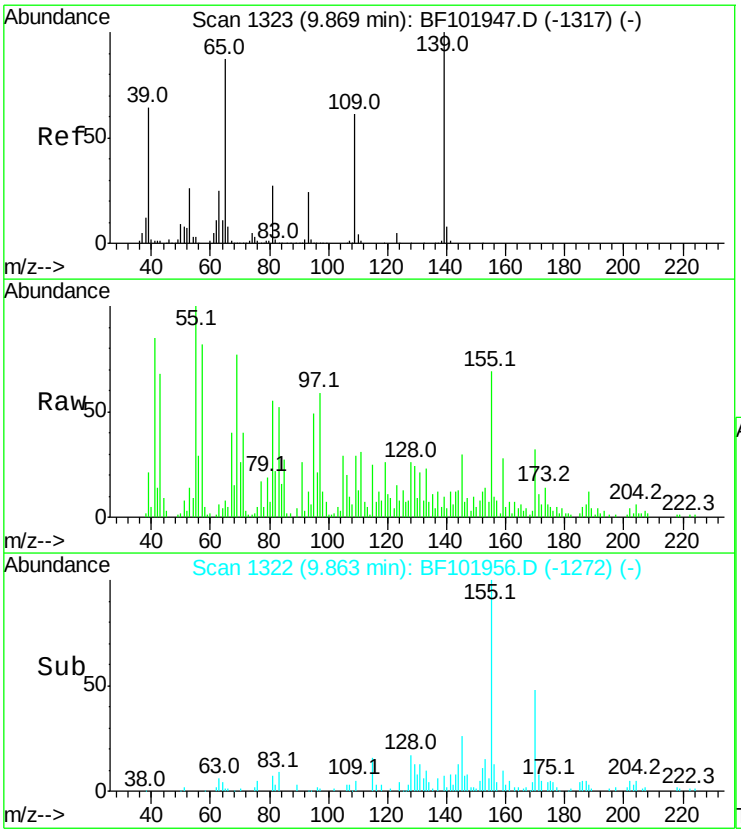
#54
Dibenzofuran
Concen: 0.487 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 12903

Ion	Ratio	Lower	Upper
168	100		
139	55.3	30.1	45.1#
169	64.1	10.9	16.3#

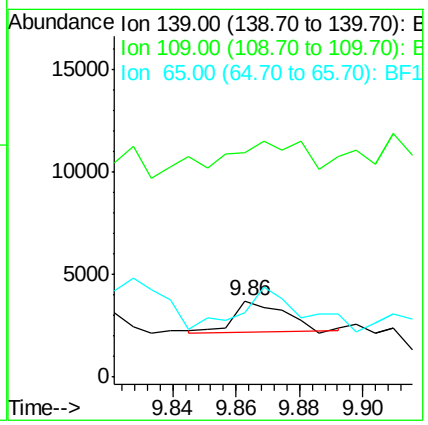


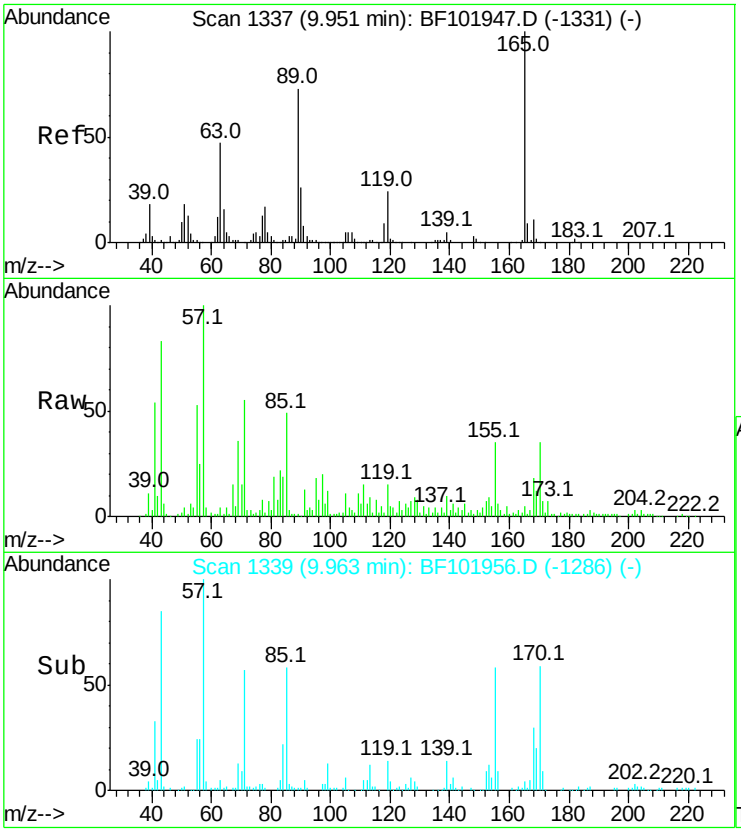


#55
4-Nitrophenol
Concen: 0.380 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:139 Resp: 1673

Ion	Ratio	Lower	Upper
139	100		
109	293.6	48.4	88.4#
65	83.8	72.6	112.6



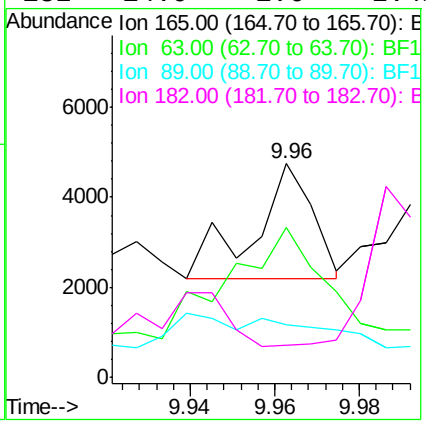


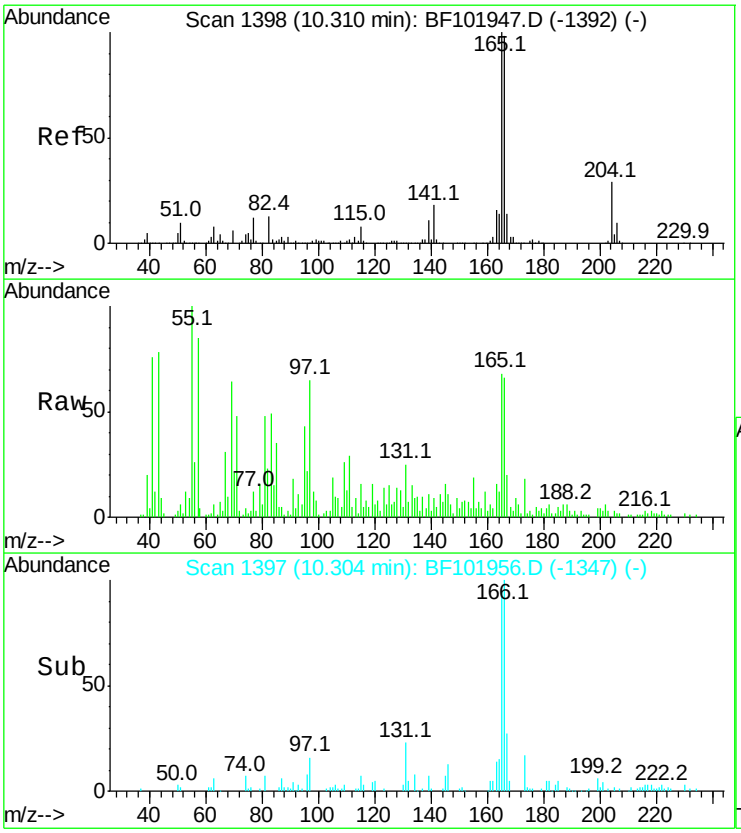
#56
2,4-Dinitrotoluene
Concen: 0.420 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2468

Ion	Ratio	Lower	Upper
165	100		
63	69.8	36.4	54.6#
89	24.5	57.8	86.6#
182	14.9	1.6	2.4#

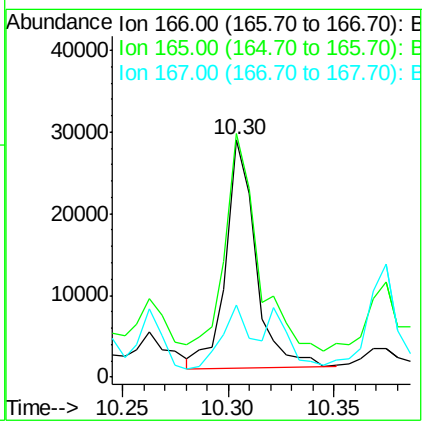


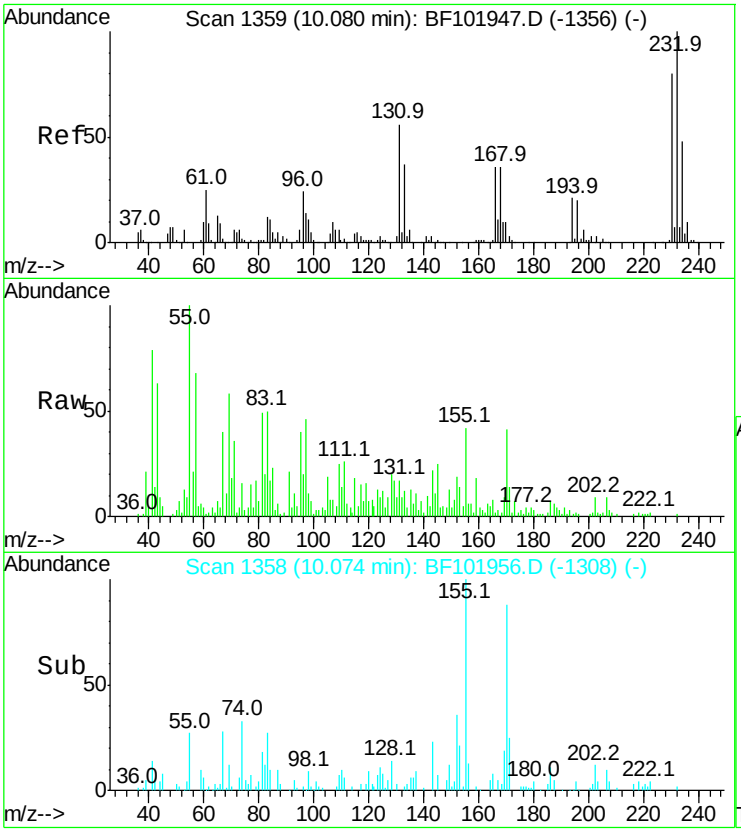


#57
Fluorene
Concen: 1.480 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:166 Resp: 27105

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.8	119.8
167	30.2	10.6	16.0#



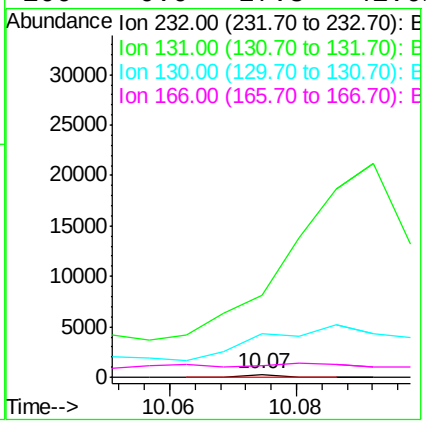


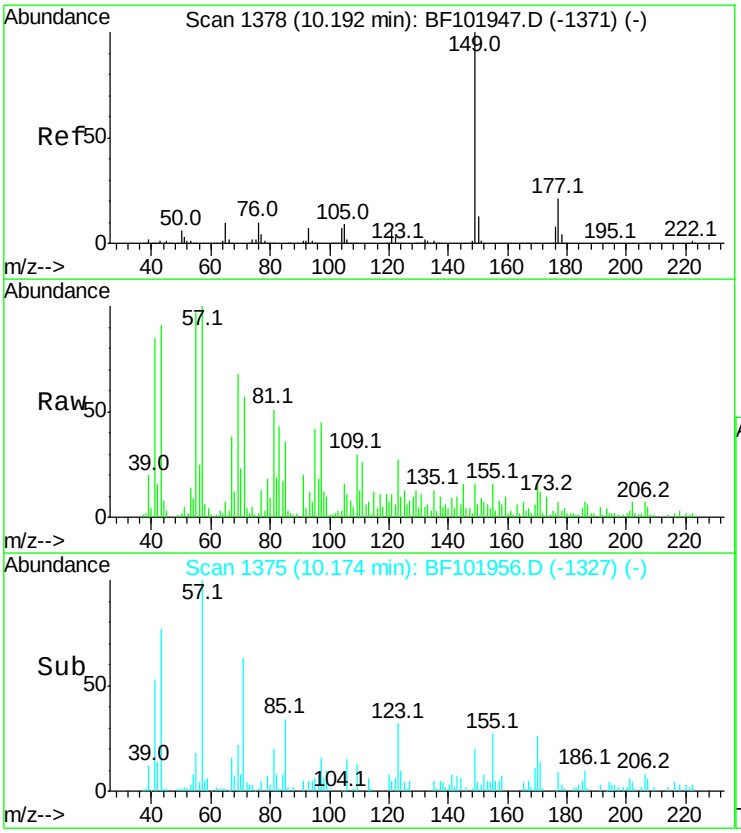
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.024 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 108

Ion	Ratio	Lower	Upper
232	100		
131	22673.1	43.8	65.8#
130	5373.1	2.1	3.1#
166	0.0	27.8	41.6#

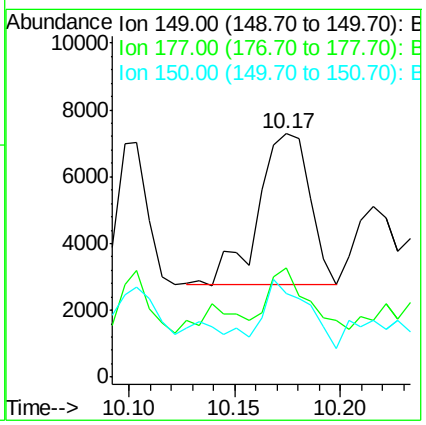


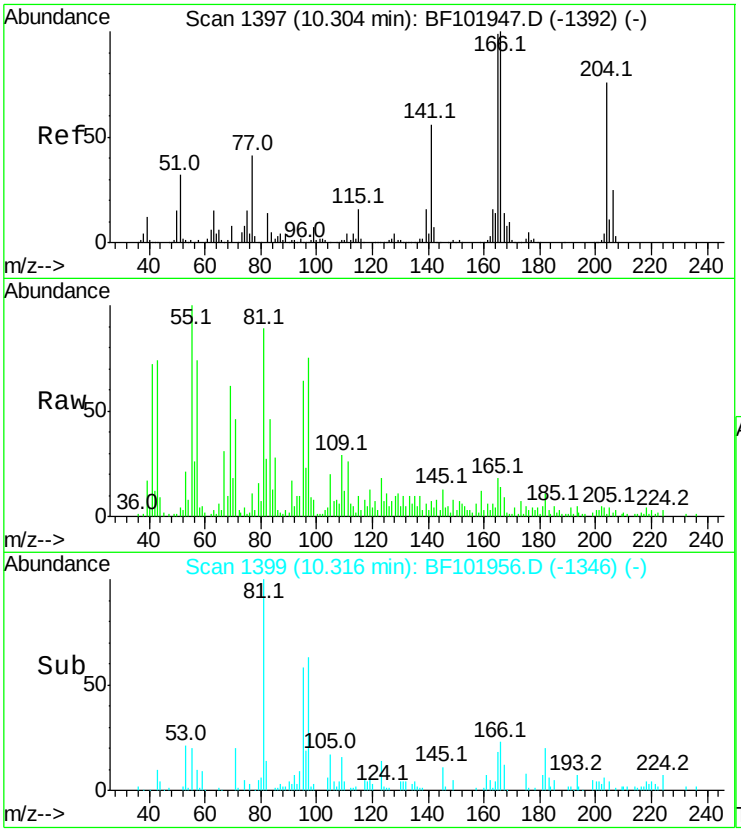


#59
Diethylphthalate
Concen: 0.329 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:149 Resp: 7673

Ion	Ratio	Lower	Upper
149	100		
177	44.7	16.1	24.1#
150	34.4	10.1	15.1#



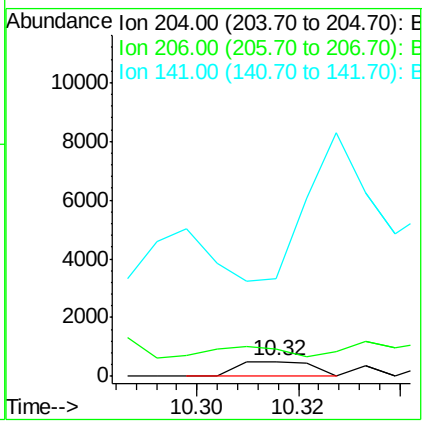


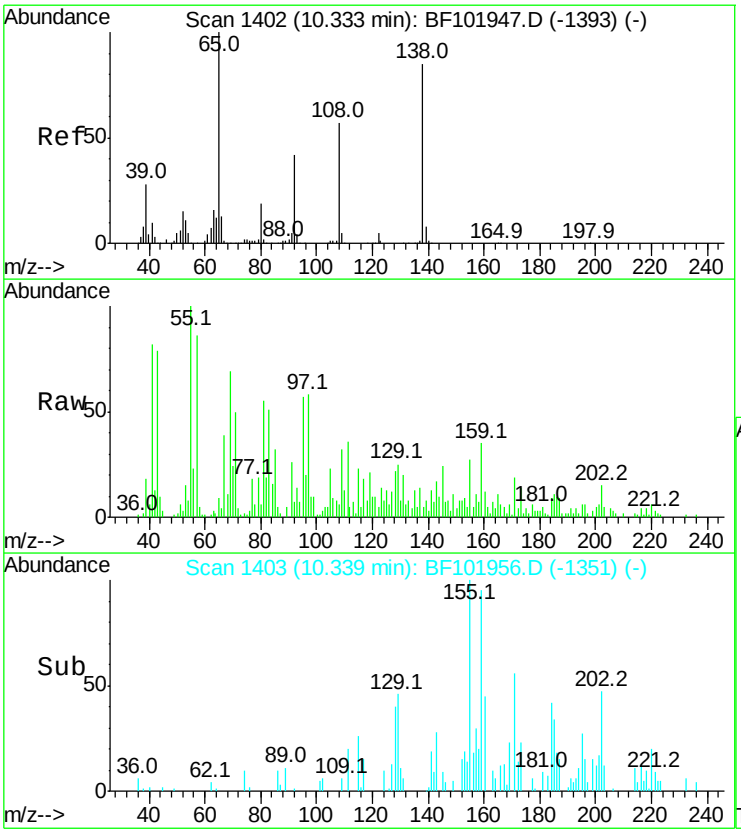
#60
4-Chlorophenyl-phenylether
Concen: 0.065 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 503

Ion	Ratio	Lower	Upper
204	100		
206	186.5	26.5	39.7#
141	659.1	54.6	81.8#

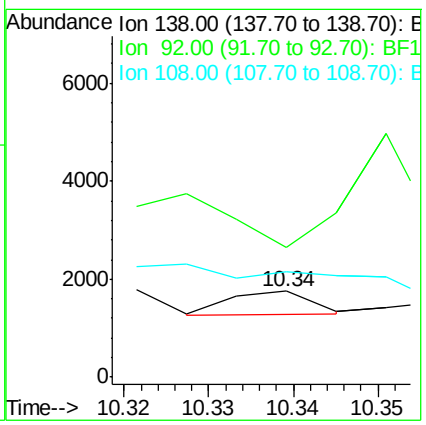


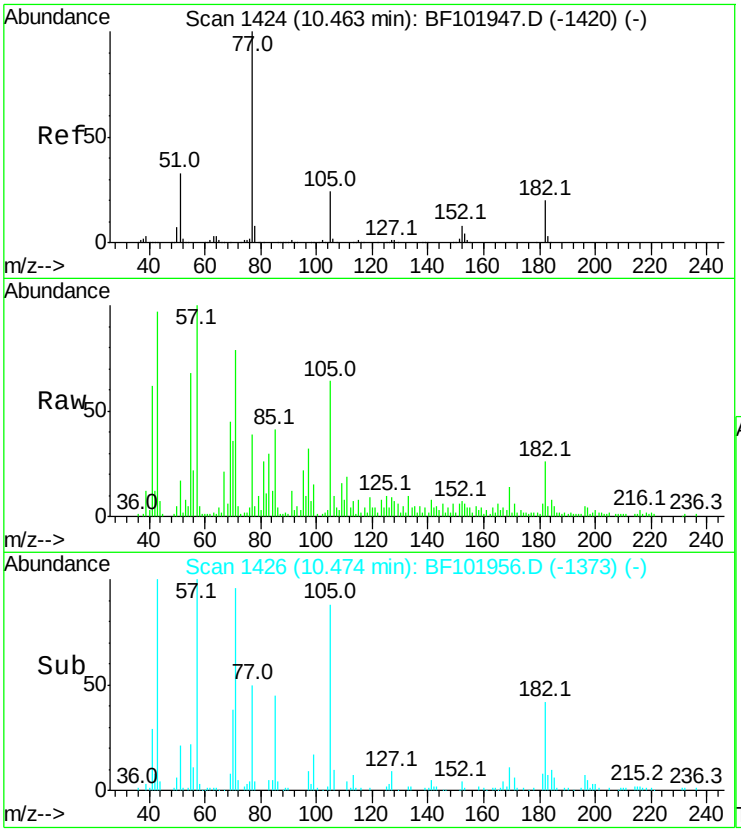


#61
4-Nitroaniline
Concen: 0.057 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:138 Resp: 322

Ion	Ratio	Lower	Upper
138	100		
92	150.5	30.2	70.2#
108	122.3	52.5	92.5#



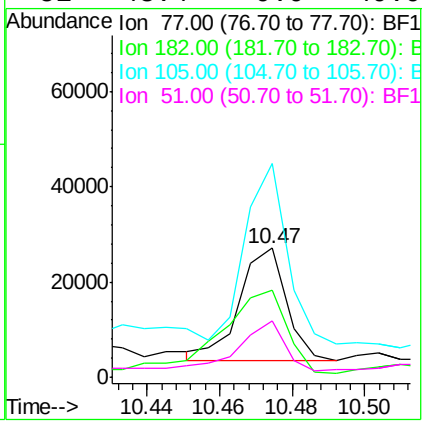


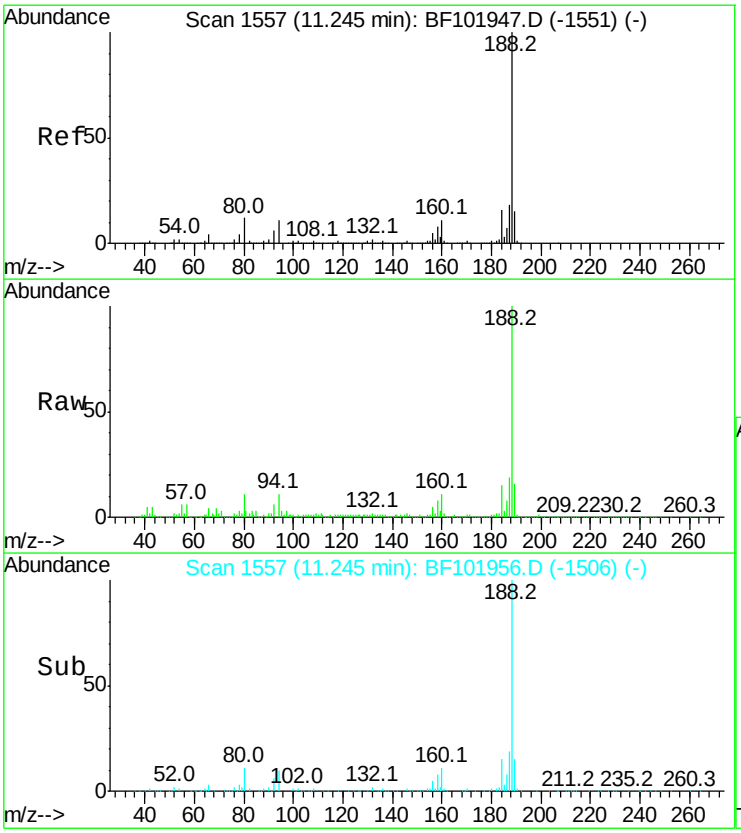
#62
Azobenzene
Concen: 0.910 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 21133

Ion	Ratio	Lower	Upper
77	100		
182	67.8	1.7	41.7#
105	165.8	3.0	43.0#
51	43.4	9.9	49.9

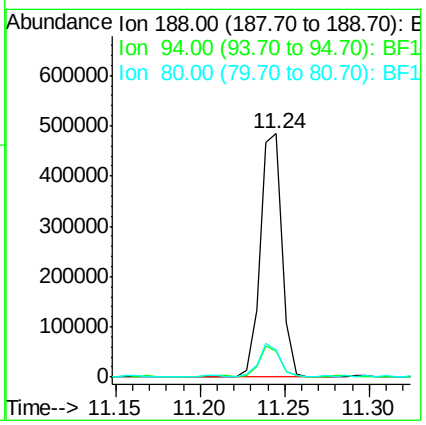


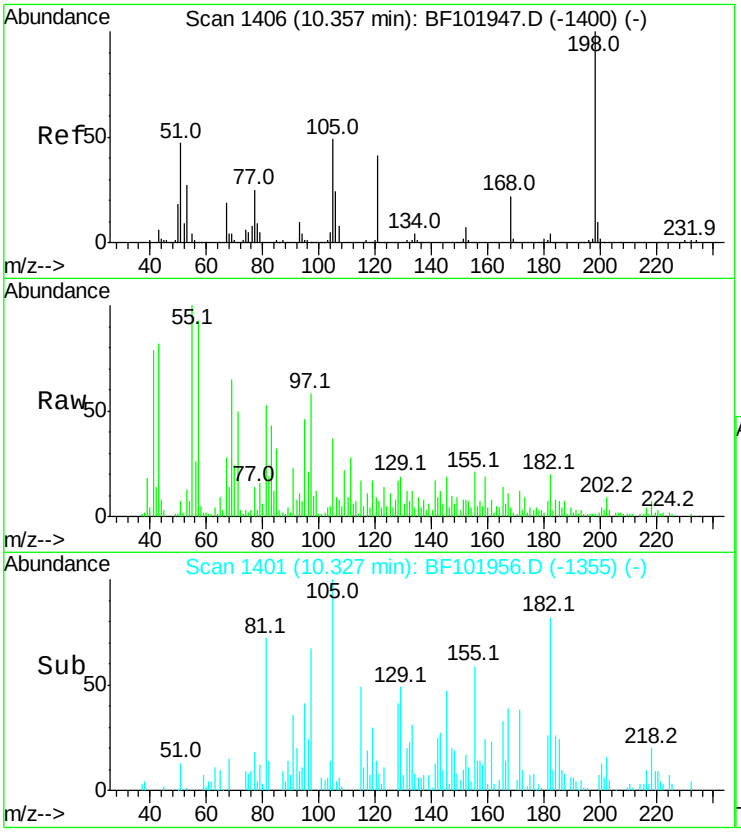


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:188 Resp: 428236

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



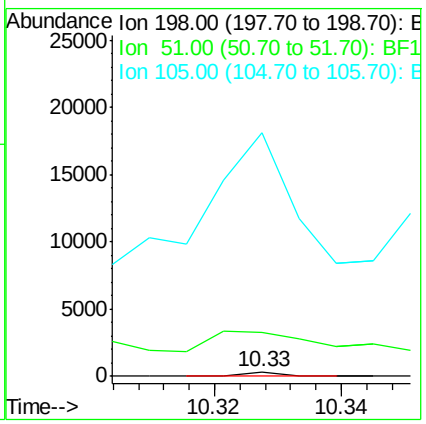


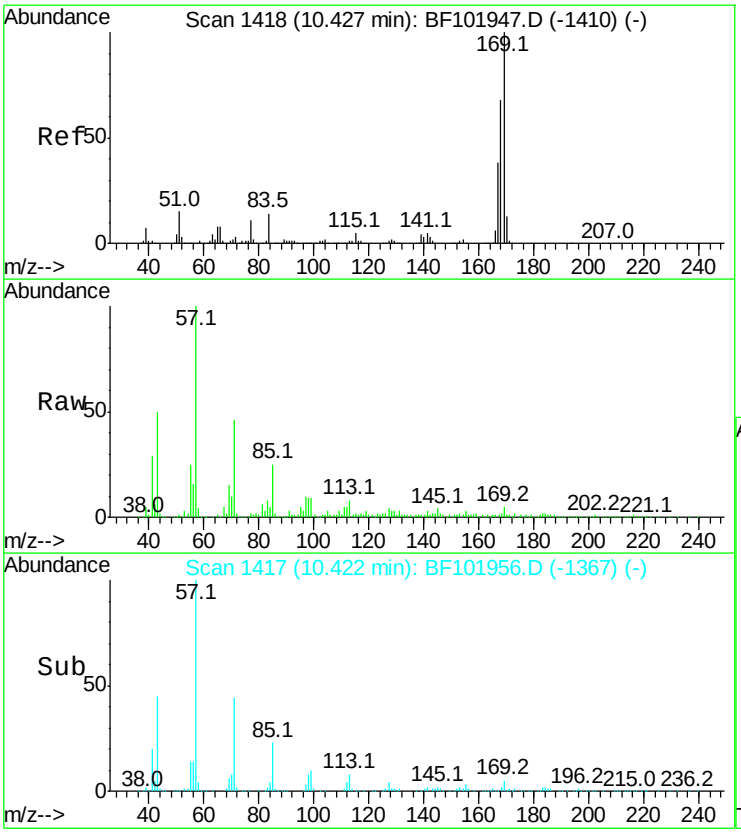
#64
4,6-Dinitro-2-methylphenol
Concen: 5.707 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 118

Ion	Ratio	Lower	Upper
198	100		
51	974.0	37.7	77.7#
105	5422.8	36.3	76.3#

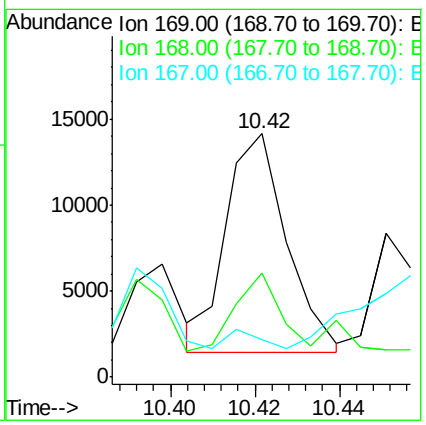


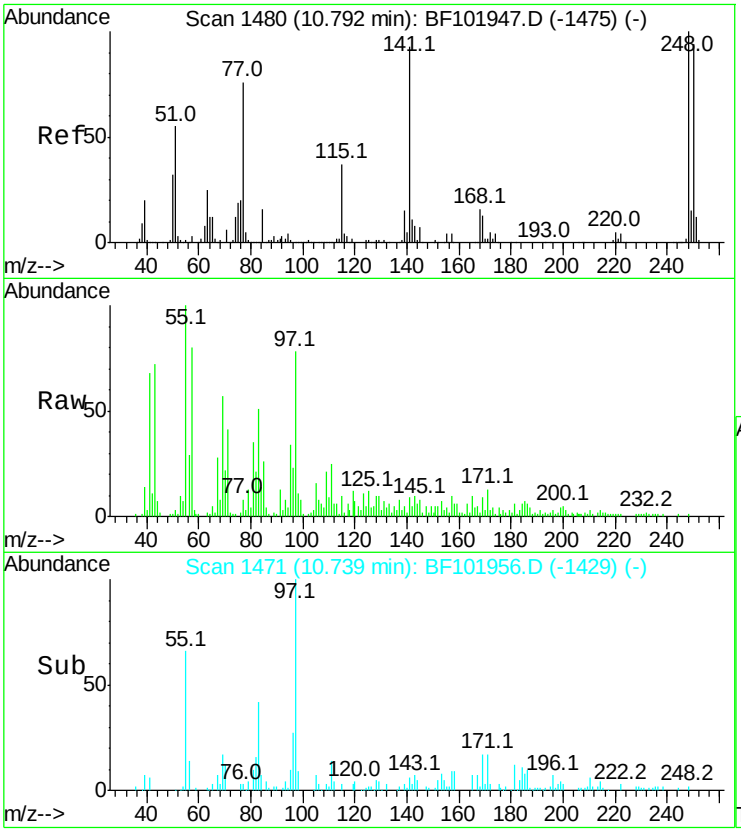


#65
n-Nitrosodiphenylamine
Concen: 0.791 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:169 Resp: 12682

Ion	Ratio	Lower	Upper
169	100		
168	42.7	54.4	81.6#
167	15.5	29.8	44.6#



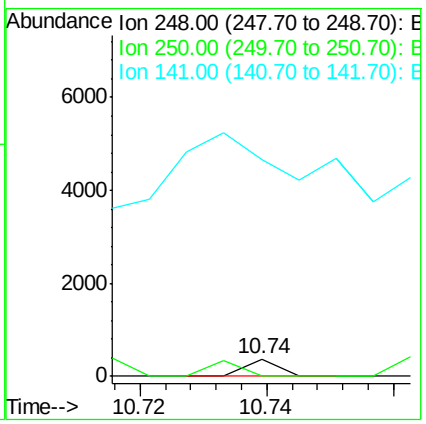


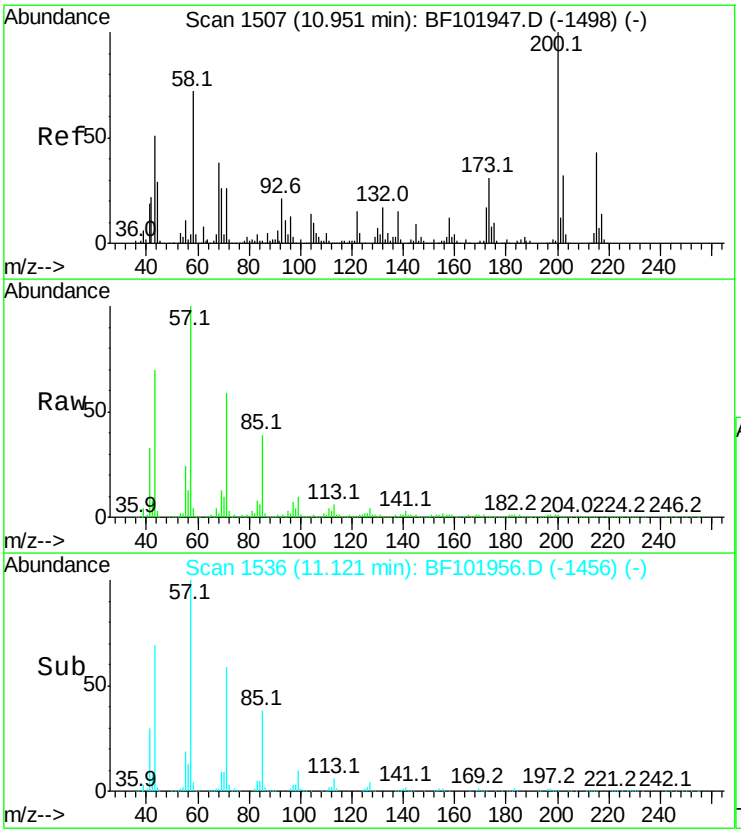
#66
4-Bromophenyl-phenylether
Concen: 0.030 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.05 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 134

Ion	Ratio	Lower	Upper
248	100		
250	0.0	76.9	115.3#
141	1233.0	74.4	111.6#

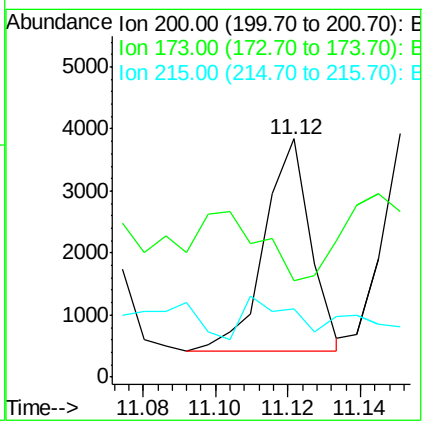


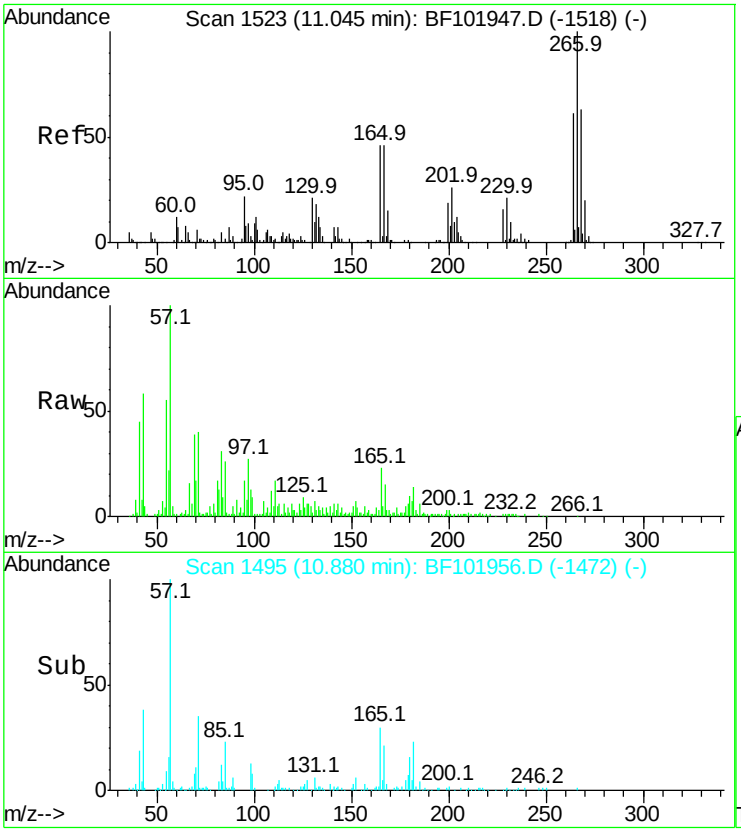


#68
Atrazine
Concen: 0.651 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.17 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:200 Resp: 3019

Ion	Ratio	Lower	Upper
200	100		
173	40.5	8.6	48.6
215	28.9	25.1	65.1



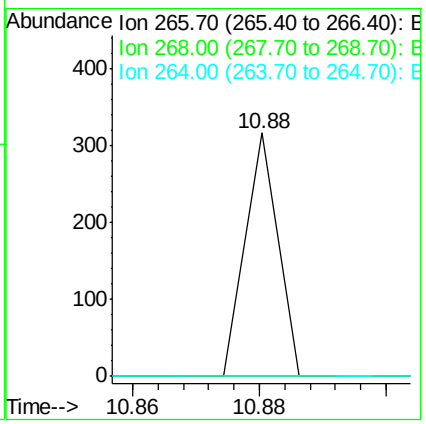


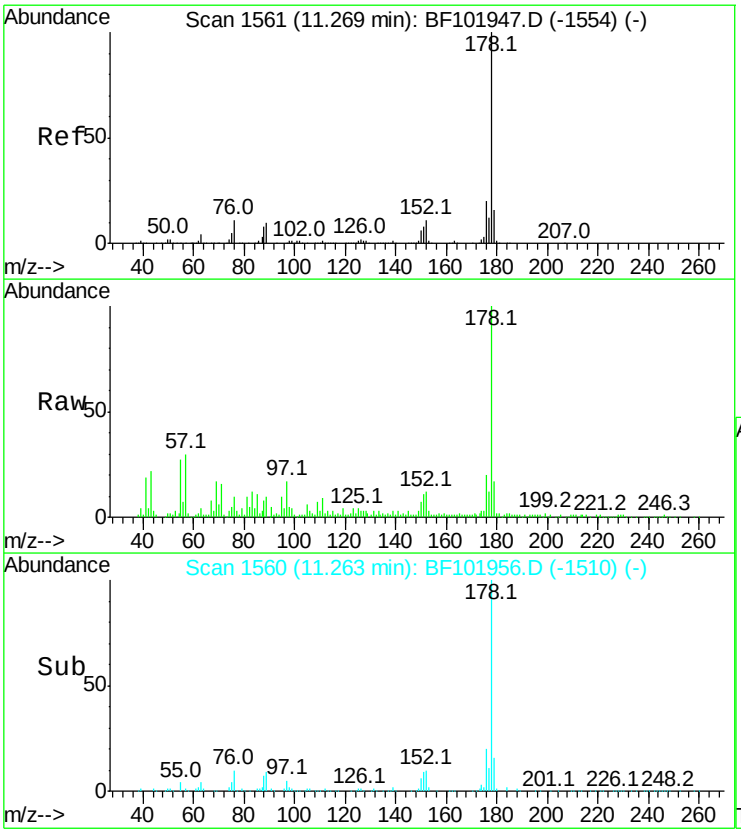
#69
Pentachlorophenol
Concen: 0.037 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.16 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 112

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.5	74.3#

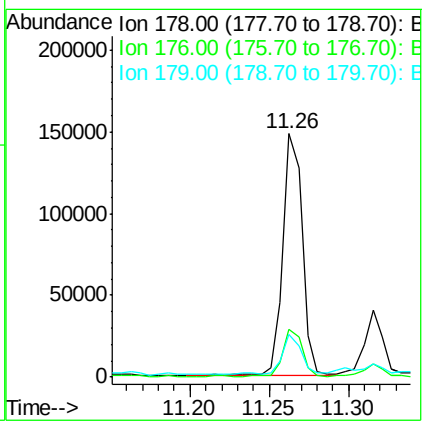


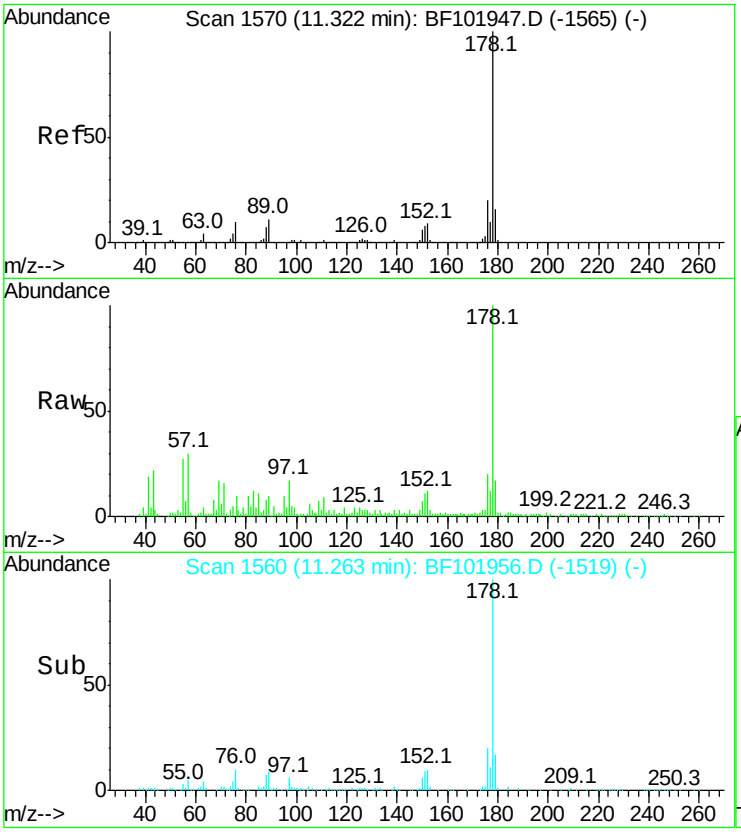


#70
Phenanthrene
Concen: 5.059 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:178 Resp: 126538

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	17.5	13.0	19.6



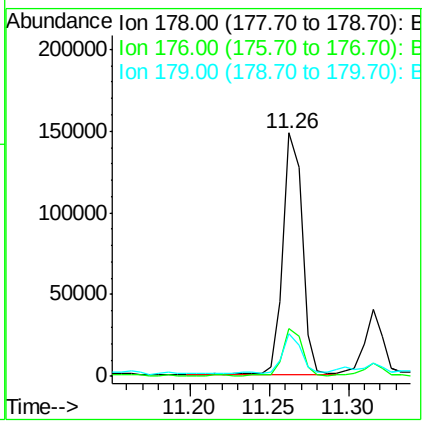


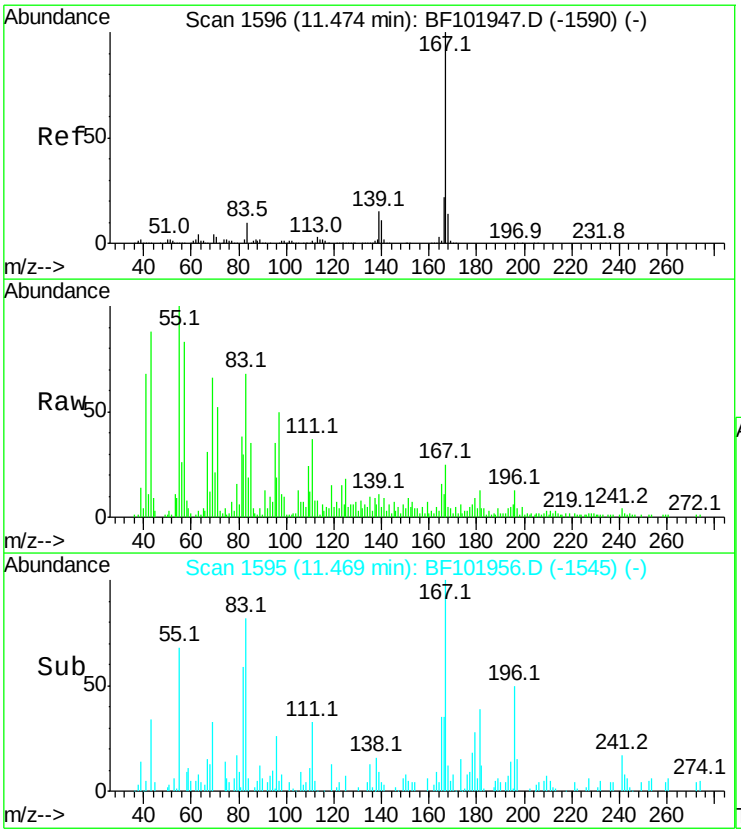
#71
Anthracene
Concen: 4.988 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 126538

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	17.5	12.6	19.0

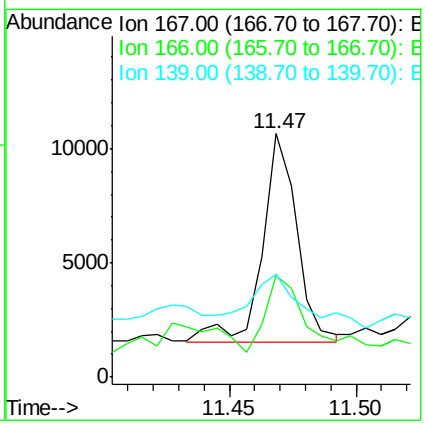


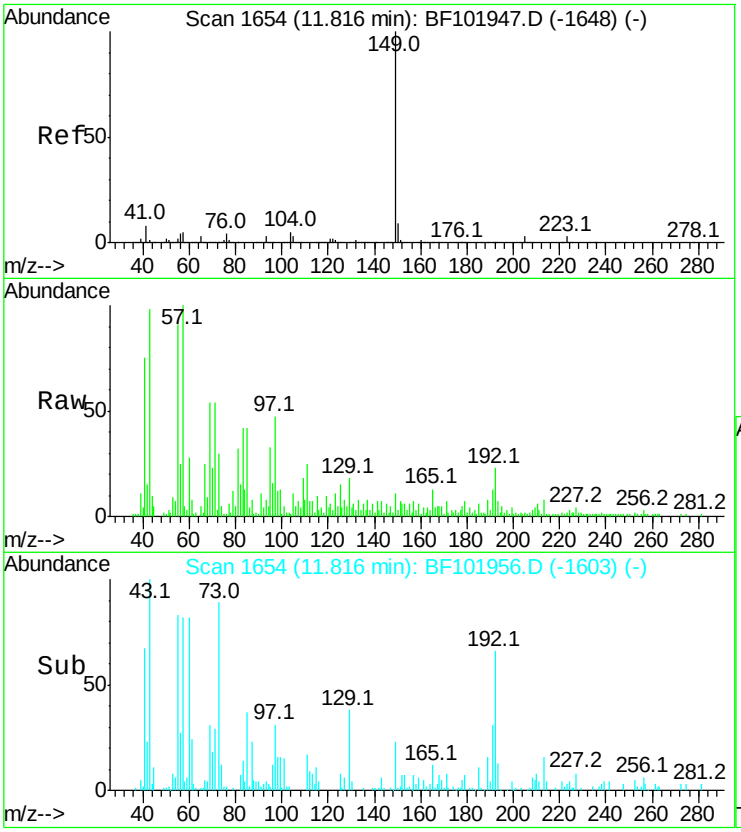


#72
Carbazole
Concen: 0.348 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:167 Resp: 8668

Ion	Ratio	Lower	Upper
167	100		
166	41.9	17.6	26.4#
139	42.4	10.9	16.3#



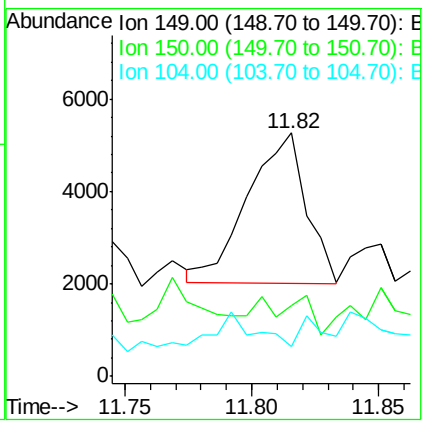


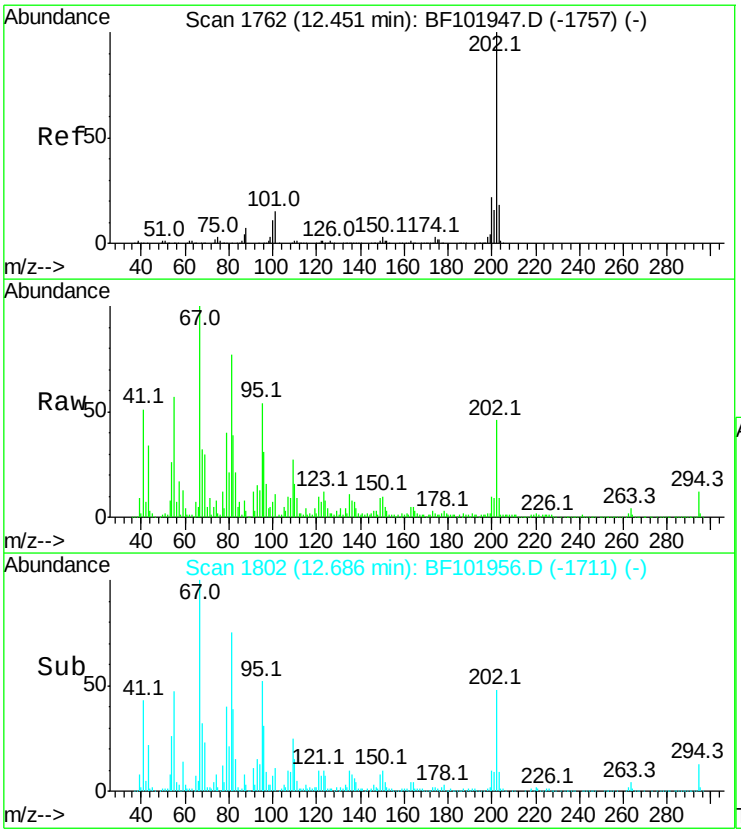
#73
Di-n-butylphthalate
Concen: 0.170 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5188

Ion	Ratio	Lower	Upper
149	100		
150	29.3	7.8	11.6#
104	12.4	3.8	5.8#

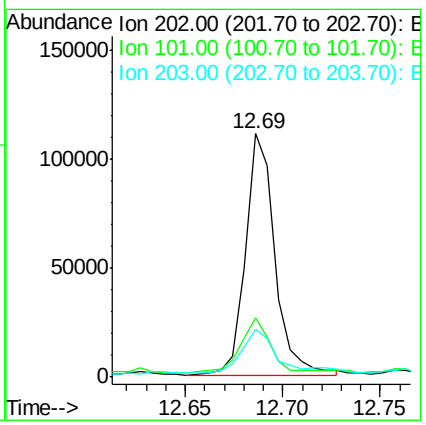


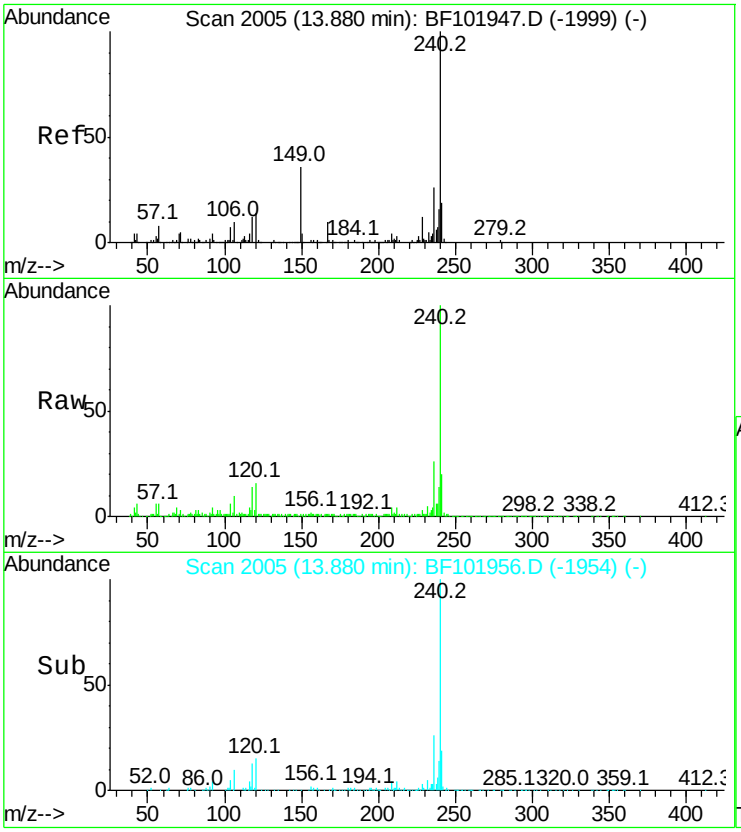


#74
Fluoranthene
Concen: 4.697 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.24 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:202 Resp: 115597

Ion	Ratio	Lower	Upper
202	100		
101	24.4	0.0	34.1
203	19.5	0.0	38.1



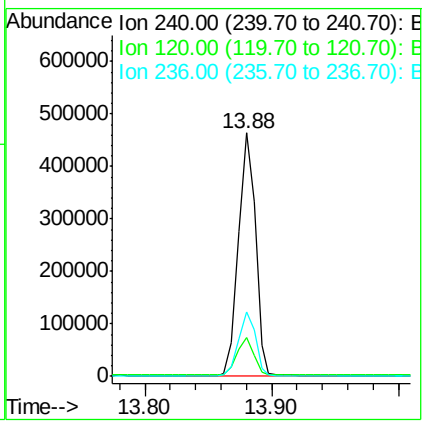


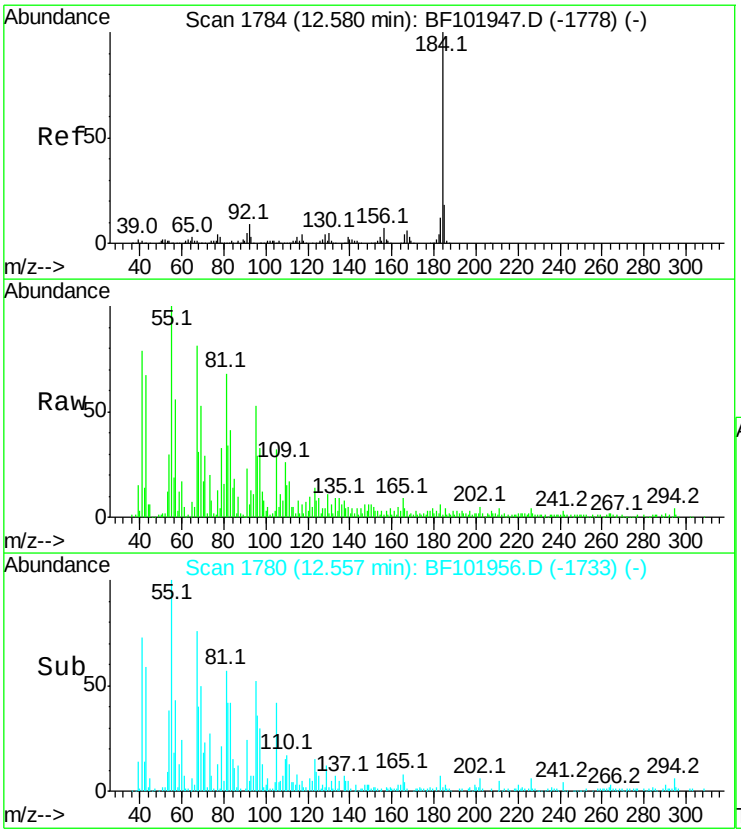
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 429954

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	26.4	20.7	31.1

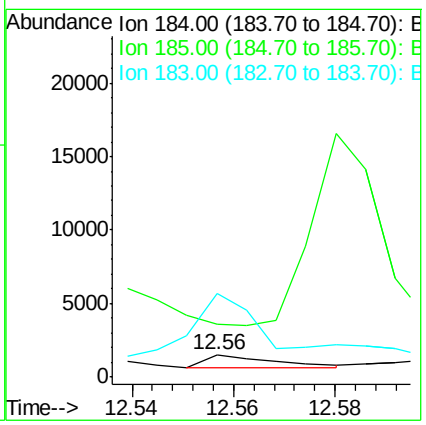


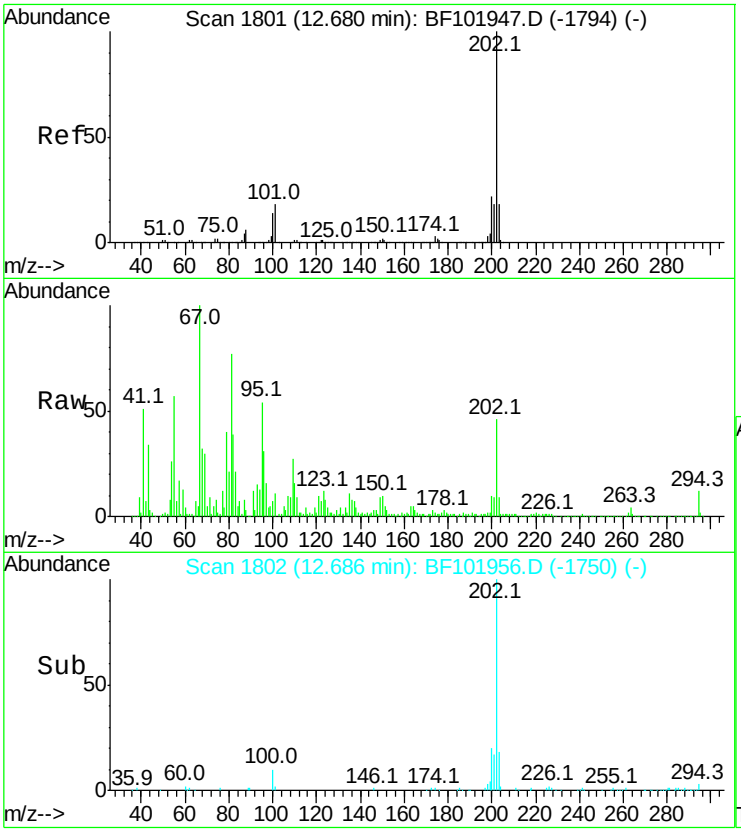


#76
Benzidine
Concen: 0.038 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:184 Resp: 790

Ion	Ratio	Lower	Upper
184	100		
185	241.3	12.6	18.8#
183	374.9	9.3	13.9#



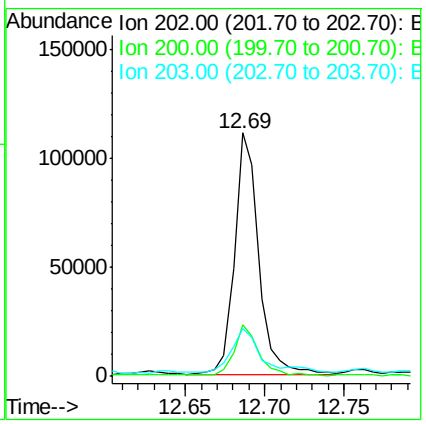


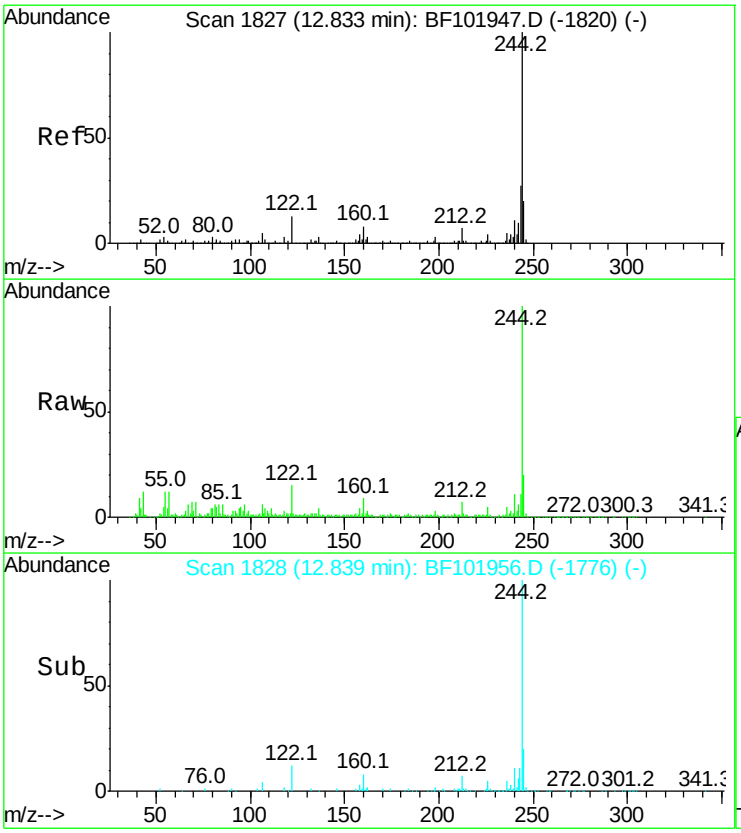
#77
Pyrene
Concen: 3.061 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 116349

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	19.5	14.3	21.5

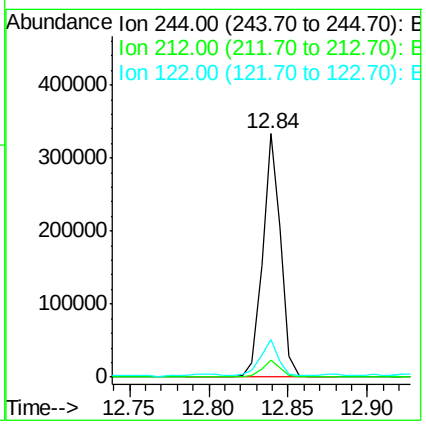


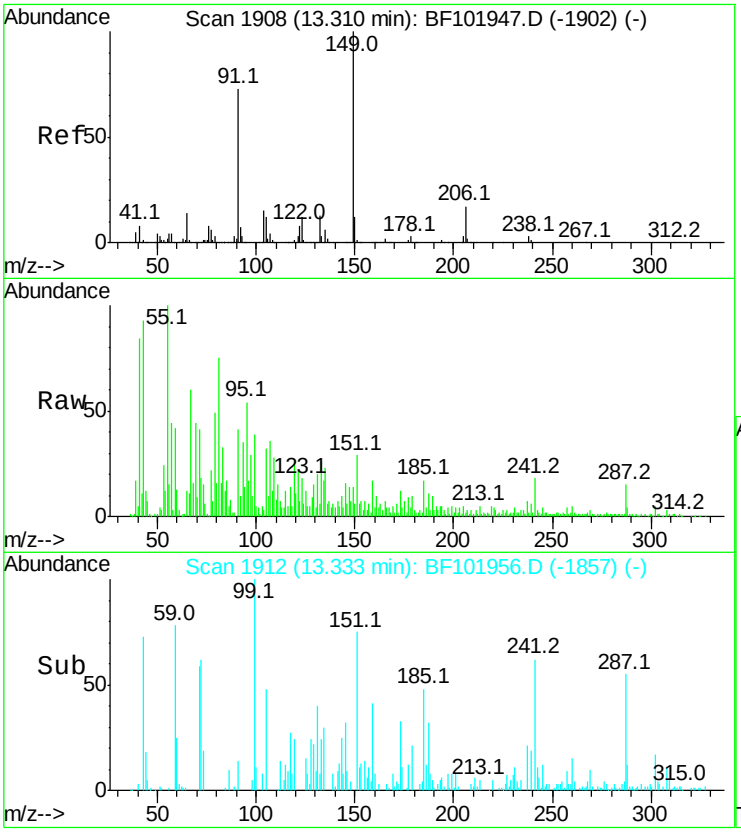


#78
Terphenyl-d14
Concen: 12.789 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:244 Resp: 264837

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.2	11.0	16.4



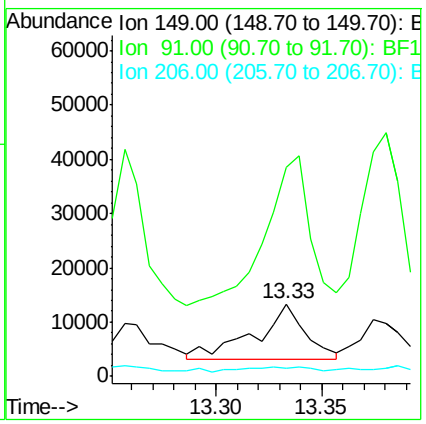


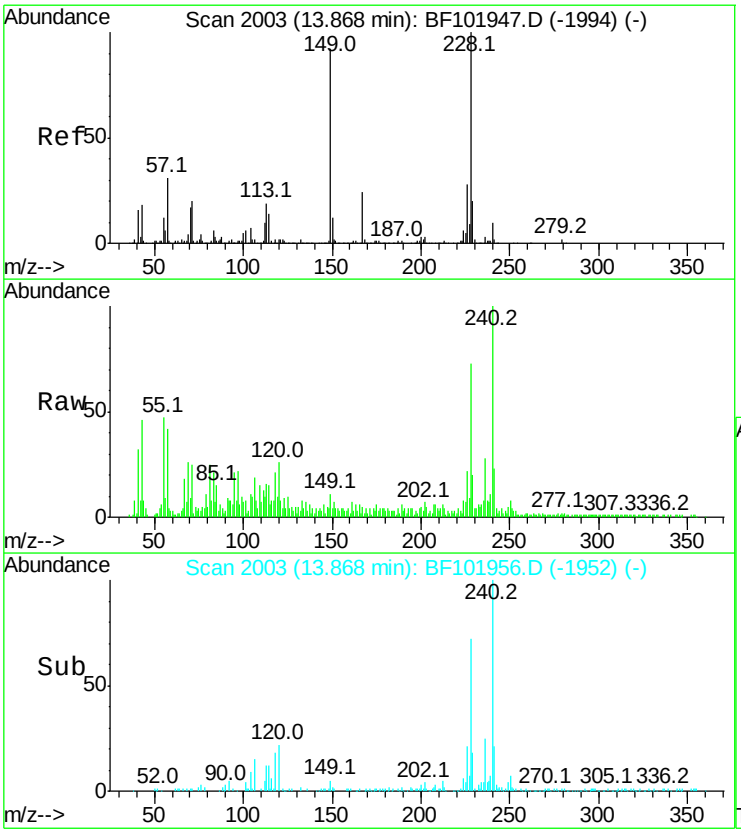
#79
Butylbenzylphthalate
Concen: 0.958 ng
RT: 13.33 min Scan# 1912
Delta R.T. 0.02 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16704

Ion	Ratio	Lower	Upper
149	100		
91	287.9	56.8	85.2#
206	11.2	14.1	21.1#

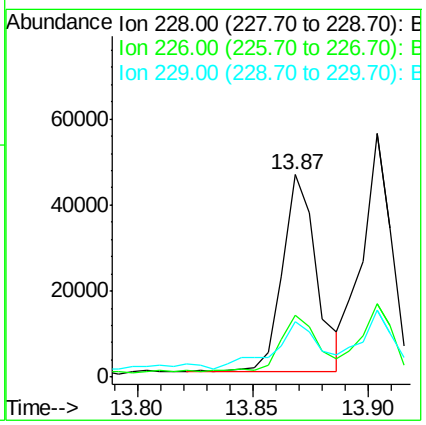


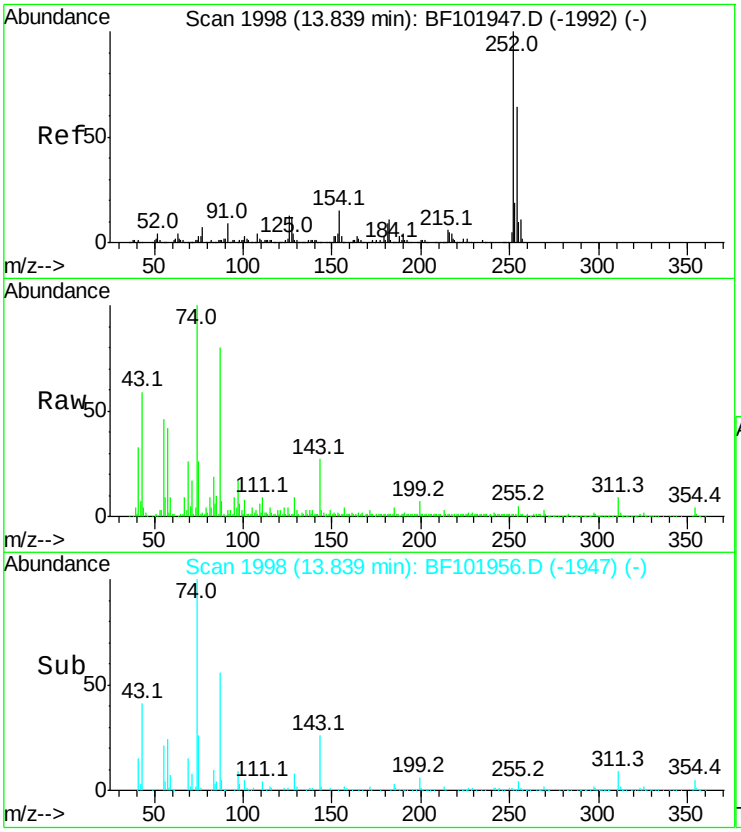


#80
Benzo(a)anthracene
Concen: 1.724 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:228 Resp: 47288

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	27.6	15.8	23.6#



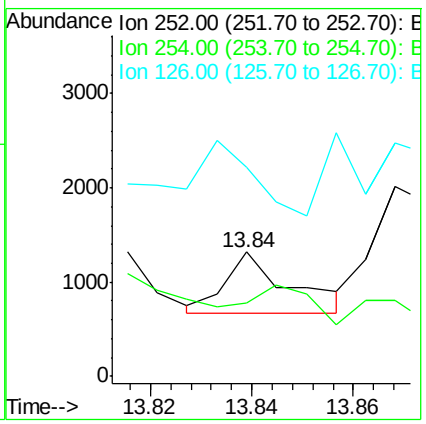


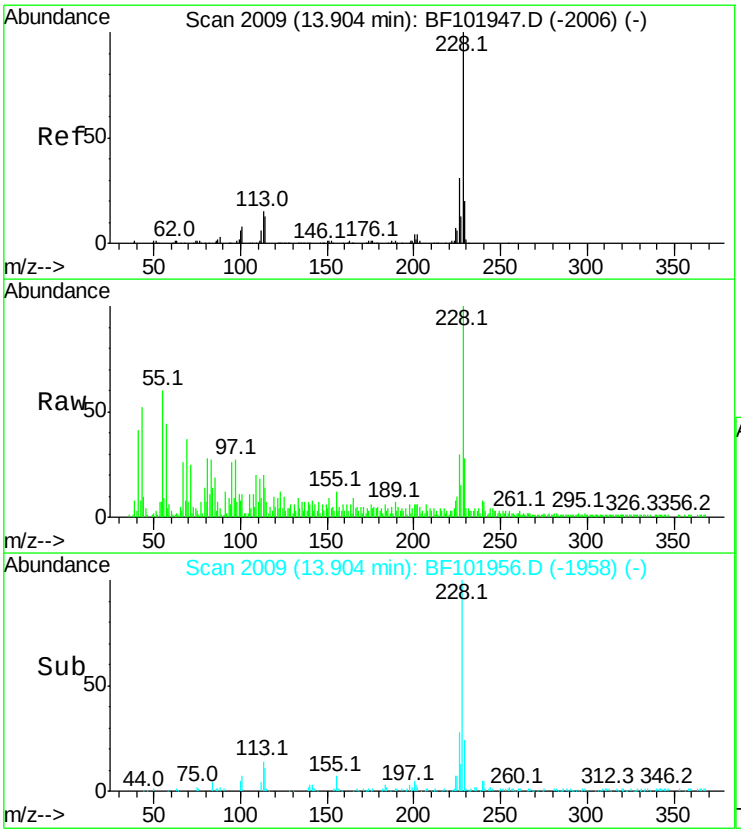
#81
3,3'-Dichlorobenzidine
Concen: 0.056 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 565

Ion	Ratio	Lower	Upper
252	100		
254	58.7	50.4	75.6
126	168.1	11.3	16.9#

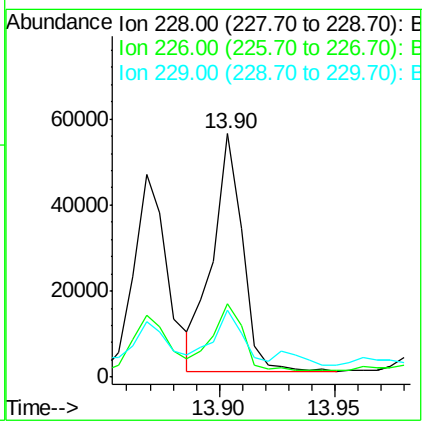


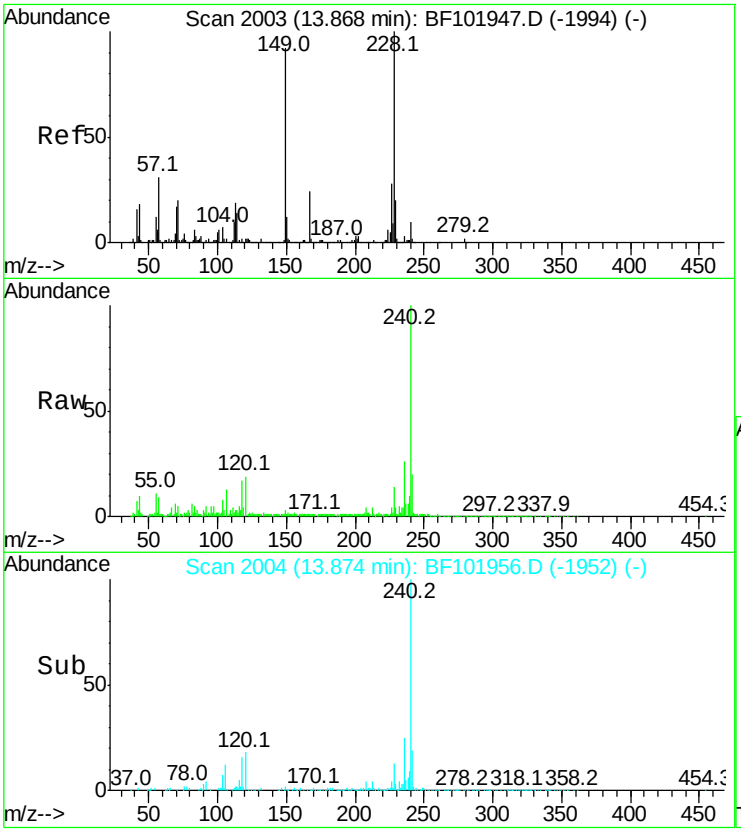


#82
Chrysene
Concen: 1.741 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:228 Resp: 49796

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	27.5	16.2	24.4#



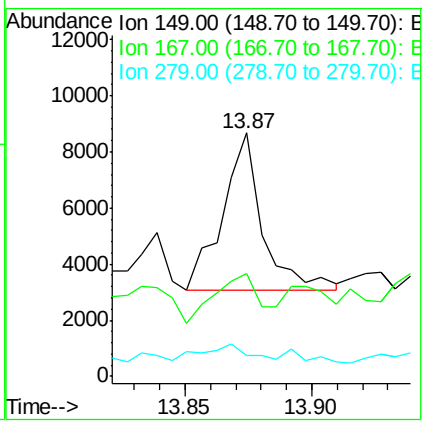


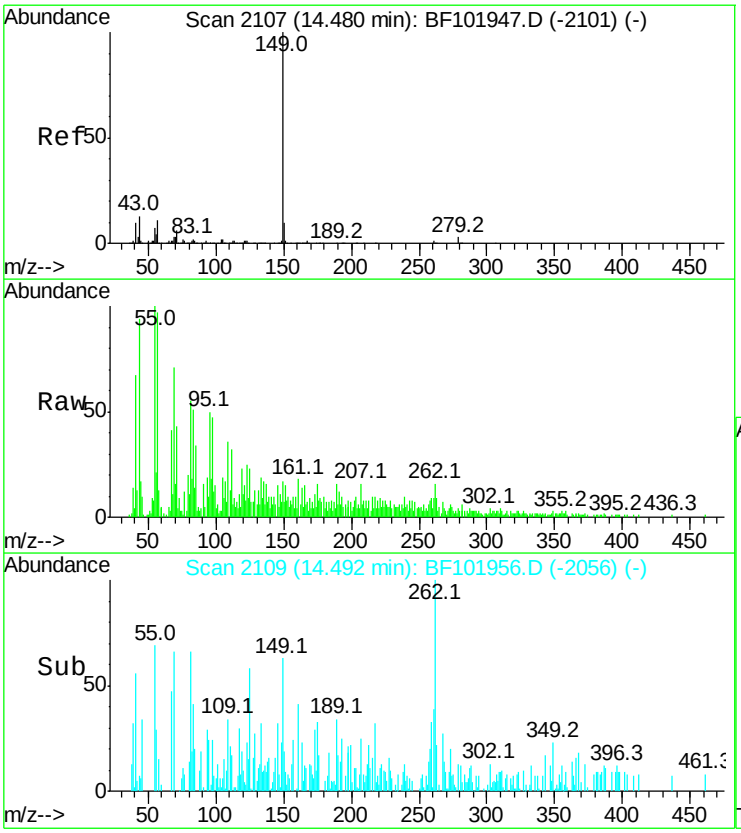
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.308 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6160

Ion	Ratio	Lower	Upper
149	100		
167	42.2	21.3	31.9#
279	8.5	3.0	4.4#

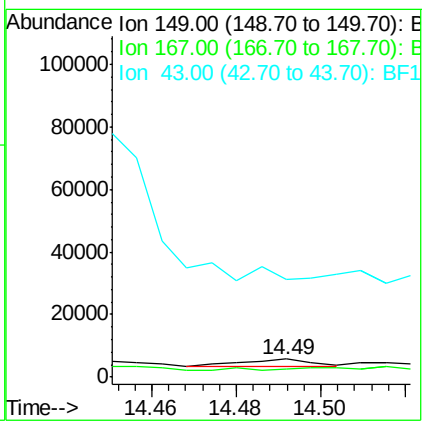


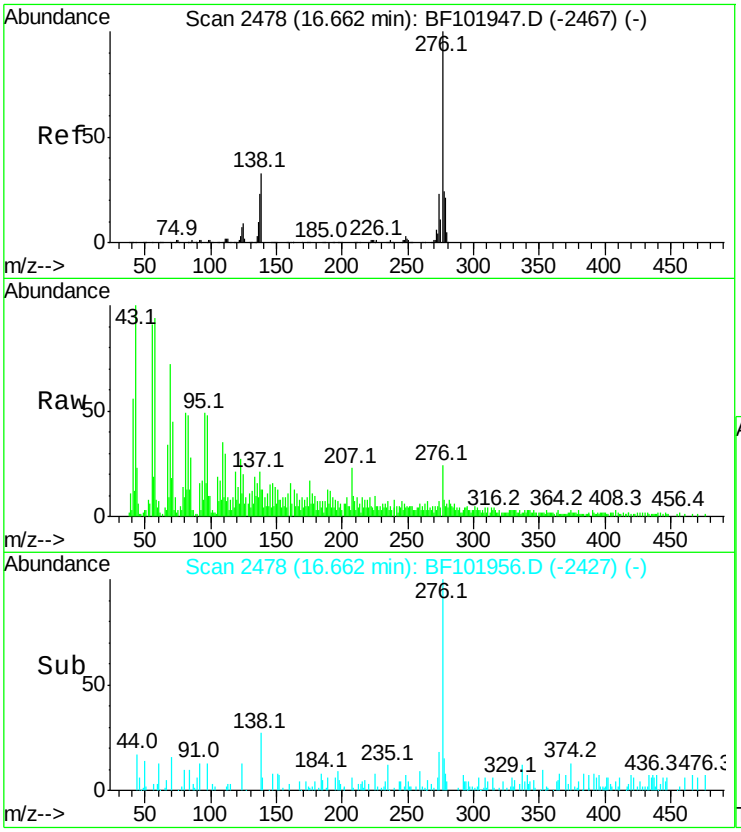


#84
Di-n-octyl phthalate
Concen: 0.083 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:149 Resp: 2772

Ion	Ratio	Lower	Upper
149	100		
167	13.2	1.2	1.8#
43	0.0	8.4	12.6#



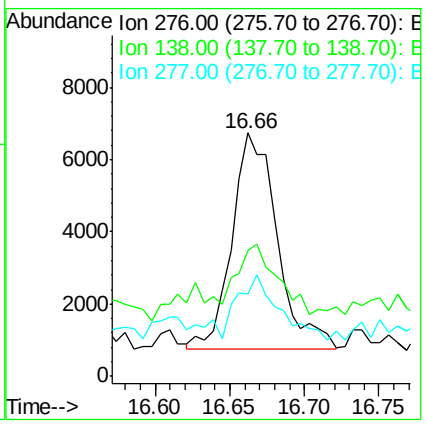


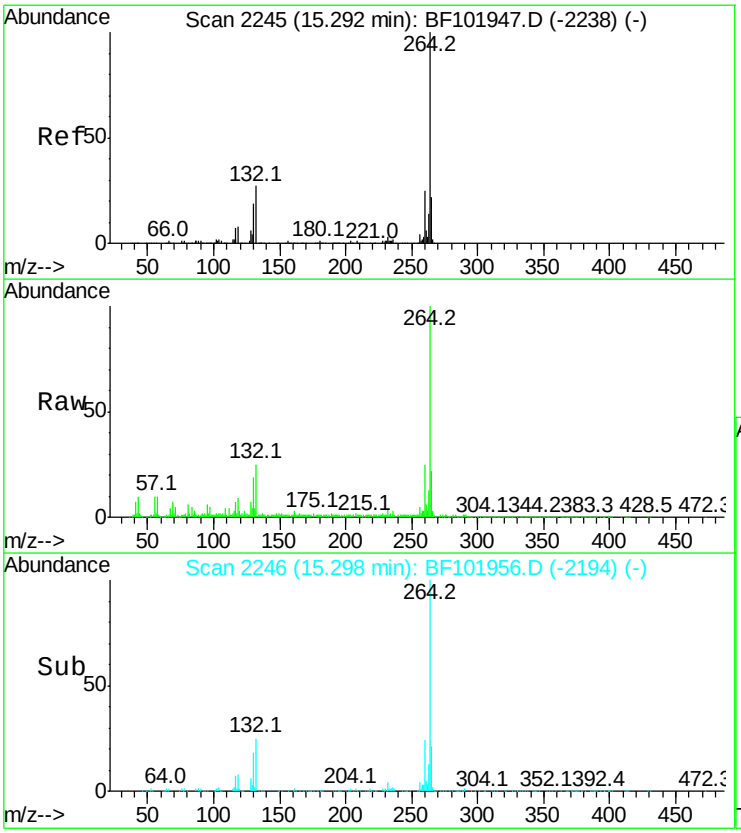
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.607 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 12637

Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	26.9	20.1	30.1

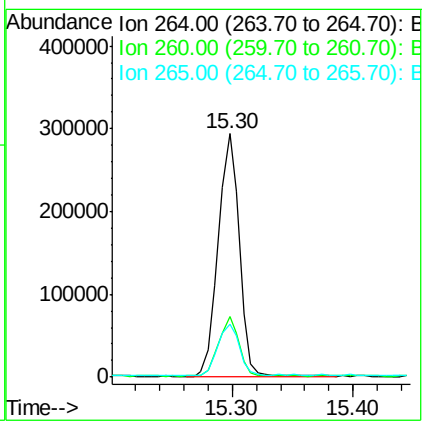


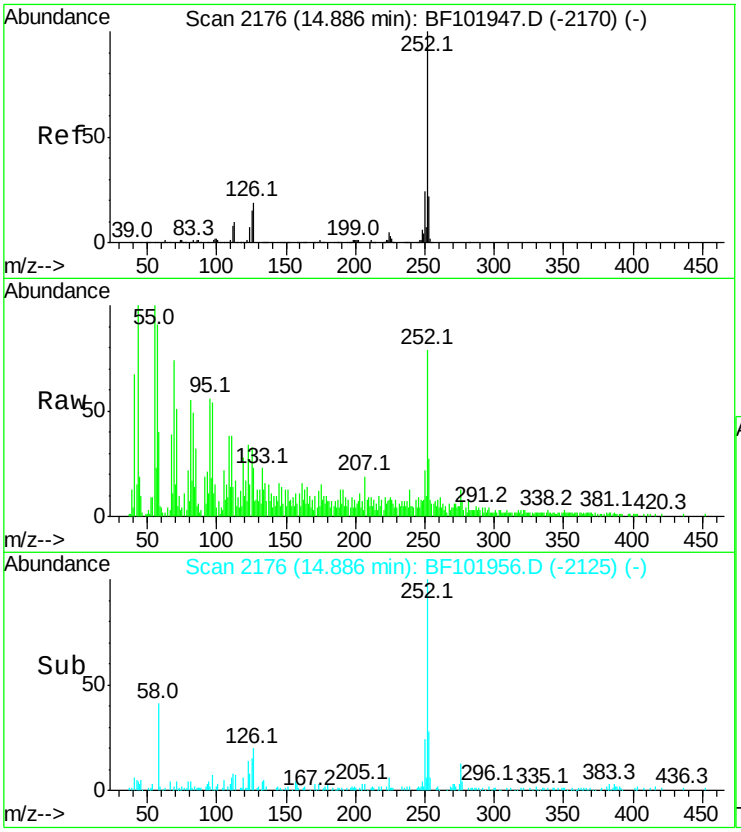


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:264 Resp: 353562

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3



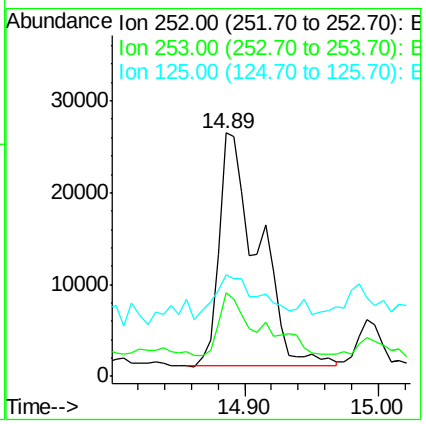


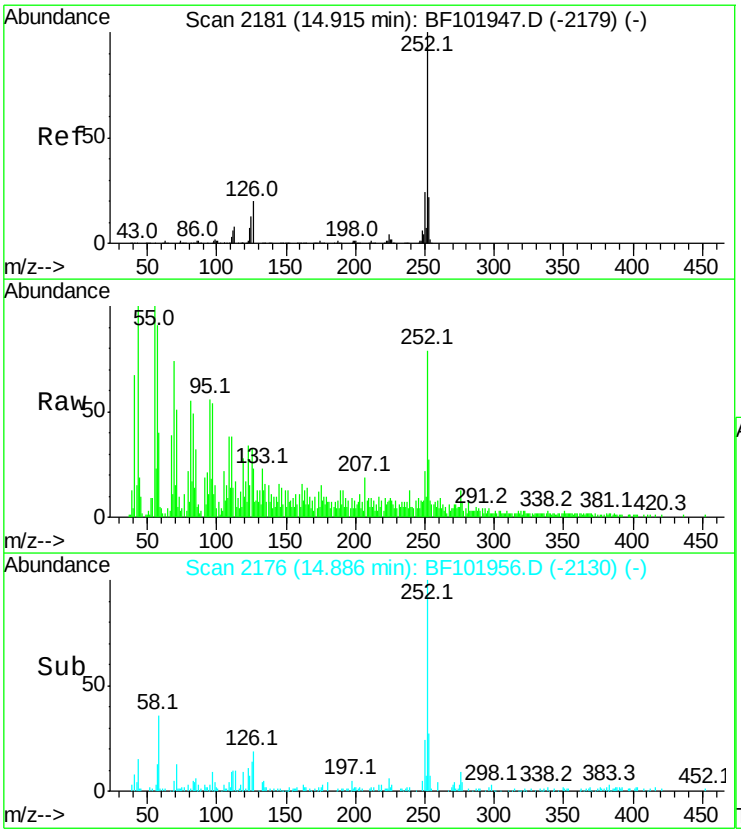
#87
Benzo(b)fluoranthene
Concen: 2.215 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 51065

Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.0	25.6#
125	41.9	9.0	13.6#

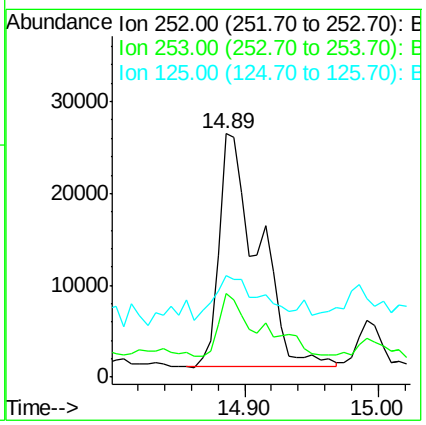


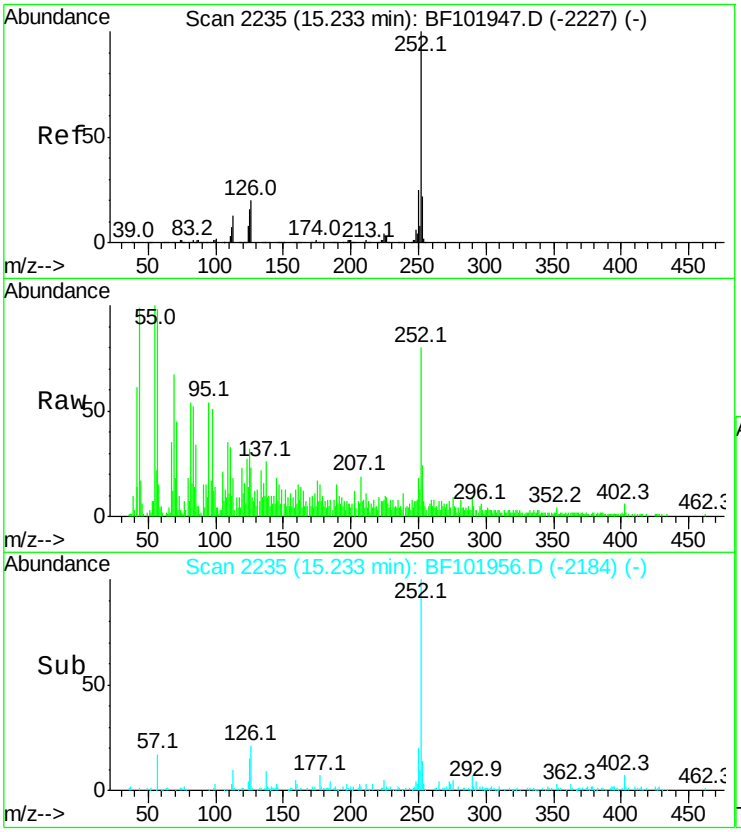


#88
Benzo(k)fluoranthene
Concen: 2.296 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:252 Resp: 51065

Ion	Ratio	Lower	Upper
252	100		
253	34.2	17.9	26.9#
125	41.9	10.2	15.2#



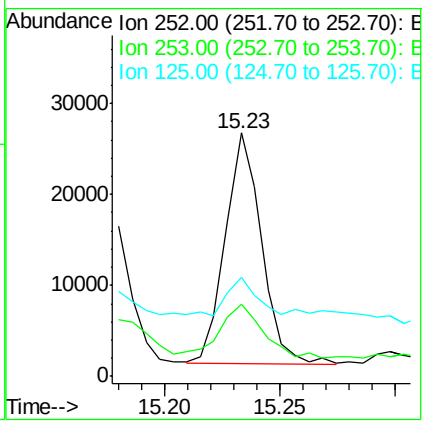


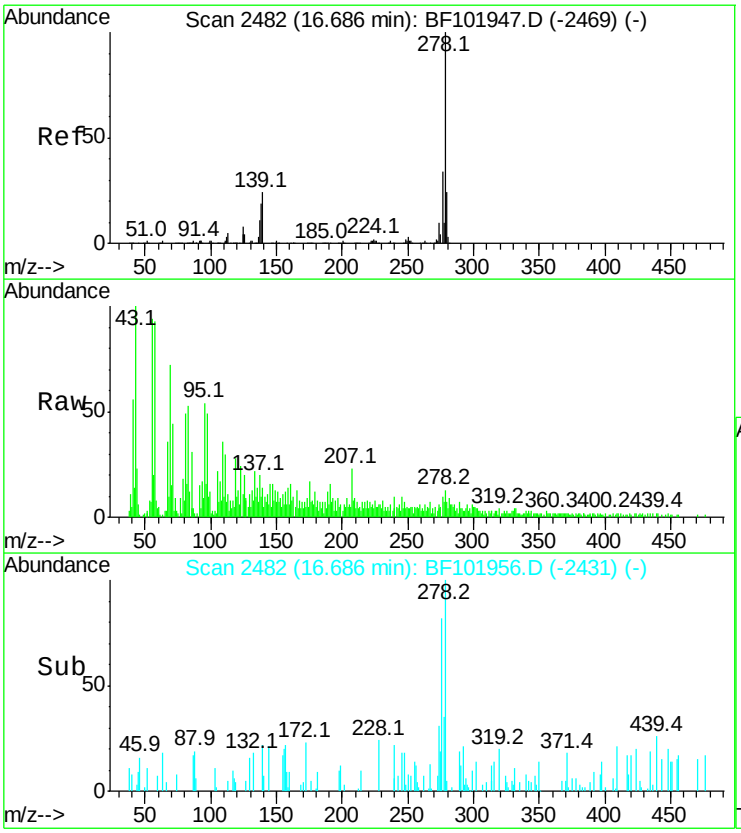
#89
Benzo(a)pyrene
Concen: 1.341 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27813

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.1	25.7#
125	40.6	9.8	14.6#

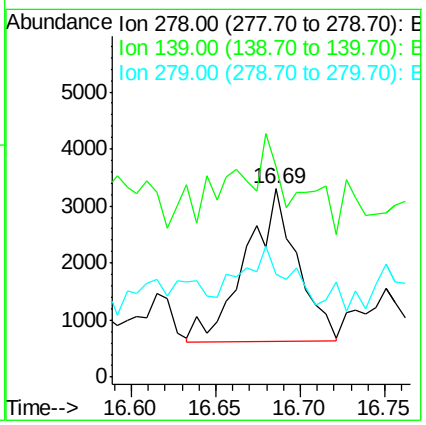


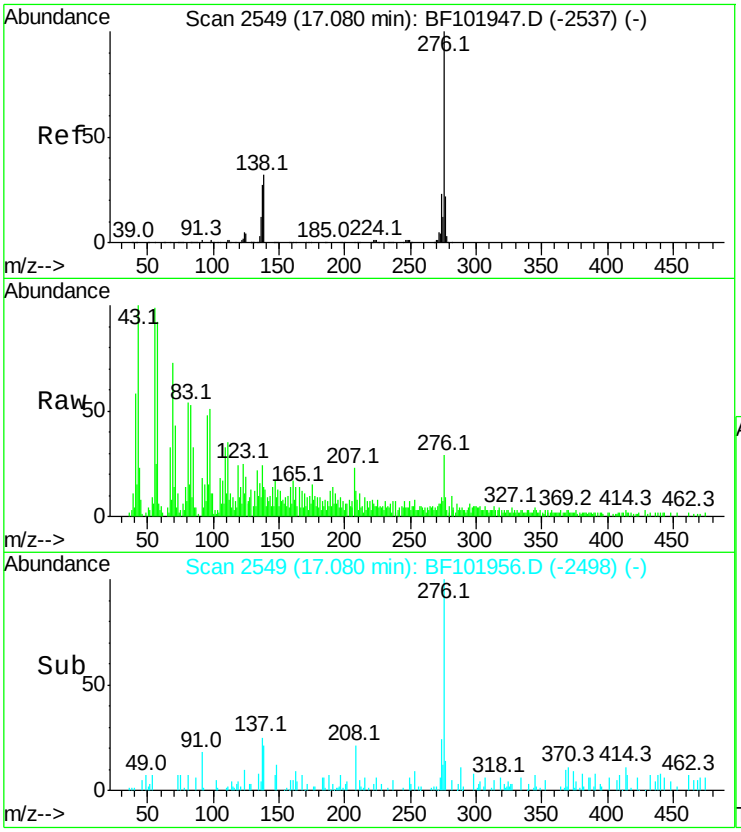


#90
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Tgt Ion:278 Resp: 5659

Ion	Ratio	Lower	Upper
278	100		
139	111.6	15.9	23.9#
279	54.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.832 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF101956.D
Acq: 9 Jan 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 13872

Ion	Ratio	Lower	Upper
276	100		
277	31.6	17.9	26.9#
138	48.5	21.8	32.8#