Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102211.D
Acq On : 19 Jan 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 13:29:19 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174602	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	707911	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	307670	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	490005	20.00	ng		0.00
75) Chrysene-d12	13.87	240	296484	20.00	ng		0.00
86) Perylene-d12	15.29	264	289048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	896314	72.49	ng		0.00
7) Phenol-d6	6.37	99	1072232	72.68	ng		0.01
23) Nitrobenzene-d5	7.30	82	976660	81.07	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	219150	81.62	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1661544	84.37	ng		0.00
78) Terphenyl-d14	12.83	244	1106957	77.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	212580	34.450	ng		96
3) Pyridine	3.09	79	581150	34.487	ng		95
4) n-Nitrosodimethylamine	3.06	42	239166	33.892	ng		98
6) Aniline	6.39	93	732262	35.221	ng		99
8) 2-Chlorophenol	6.51	128	465543	37.540	ng		99
9) Benzaldehyde	6.27	77	325308	31.758	ng		96
10) Phenol	6.38	94	566705	33.991	ng		76
11) bis(2-Chloroethyl)ether	6.47	93	450893	35.532	ng		97
12) 1,3-Dichlorobenzene	6.66	146	553747	38.736	ng		100
13) 1,4-Dichlorobenzene	6.74	146	549086	38.492	ng		99
14) 1,2-Dichlorobenzene	6.90	146	505103	38.256	ng		98
15) Benzyl Alcohol	6.87	79	384678	35.647	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	746798	31.925	ng		99
17) 2-Methylphenol	6.99	107	414568	37.058	ng		98
18) Hexachloroethane	7.23	117	194781	38.776	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	334843	34.635	ng		97
20) 3+4-Methylphenols	7.14	107	474151	35.300	ng	#	69
22) Acetophenone	7.14	105	638414	37.429	ng	#	86
24) Nitrobenzene	7.32	77	501871	38.770	ng		98
25) Isophorone	7.55	82	881848	37.048	ng		99
26) 2-Nitrophenol	7.63	139	263538	48.641	ng		95
27) 2,4-Dimethylphenol	7.67	122	376697	37.228	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	528094	36.744	ng		99
29) 2,4-Dichlorophenol	7.87	162	381852	39.743	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	411354	40.931	ng		99
31) Naphthalene	8.03	128	1364592	38.577	ng		99
32) Benzoic acid	7.80	122	186871	24.355	ng		98
33) 4-Chloroaniline	8.08	127	575131	38.094	ng		99
34) Hexachlorobutadiene	8.15	225	221930	41.719	ng		99
35) Caprolactam	8.47	113	126222	38.268	ng		94
36) 4-Chloro-3-methylphenol	8.57	107	395331	37.589	ng		97
37) 2-Methylnaphthalene	8.72	142	897019	38.520	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	372876	42.838	ng		100
40) Hexachlorocyclopentadiene	8.87	237	177634	37.316	ng		97

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102211.D
Acq On : 19 Jan 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 13:29:19 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	250512	41.765	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	276209	40.743	ng		99
45) 1,1'-Biphenyl	9.19	154	1066761	39.227	ng		99
46) 2-Chloronaphthalene	9.21	162	845089	40.074	ng		100
47) 2-Nitroaniline	9.31	65	263080	41.647	ng		96
48) Acenaphthylene	9.62	152	1282300	38.315	ng		99
49) Dimethylphthalate	9.49	163	989376	40.086	ng		100
50) 2,6-Dinitrotoluene	9.56	165	212437	43.089	ng		87
51) Acenaphthene	9.80	154	751293	36.986	ng		98
52) 3-Nitroaniline	9.72	138	236515	38.012	ng		97
53) 2,4-Dinitrophenol	9.83	184	50230	32.433	ng	#	19
54) Dibenzofuran	9.97	168	1050178	37.670	ng		100
55) 4-Nitrophenol	9.88	139	137797	29.717	ng		95
56) 2,4-Dinitrotoluene	9.96	165	261914	42.385	ng	#	97
57) Fluorene	10.31	166	806089	41.827	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	187884	38.928	ng		97
59) Diethylphthalate	10.19	149	916641	37.336	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	351422	42.823	ng		96
61) 4-Nitroaniline	10.33	138	209561	35.488	ng		95
62) Azobenzene	10.46	77	853141	34.926	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	100187	38.868	ng		93
65) n-Nitrosodiphenylamine	10.42	169	731053	39.842	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	221771	42.857	ng		91
67) Hexachlorobenzene	10.85	284	246045	43.554	ng		99
68) Atrazine	10.95	200	211946	39.969	ng		99
69) Pentachlorophenol	11.04	266	120075	34.857	ng		100
70) Phenanthrene	11.27	178	1098766	38.388	ng		99
71) Anthracene	11.32	178	1119613	38.569	ng		99
72) Carbazole	11.47	167	955131	33.475	ng		99
73) Di-n-butylphthalate	11.80	149	1339395	38.262	ng		99
74) Fluoranthene	12.45	202	976623	34.680	ng		98
76) Benzidine	12.57	184	514730	35.953	ng		100
77) Pyrene	12.68	202	982983	37.508	ng		100
79) Butylbenzylphthalate	13.30	149	465569	38.710	ng		99
80) Benzo(a)anthracene	13.87	228	721835	38.159	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	262737	37.512	ng		96
82) Chrysene	13.90	228	746810	37.862	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	614147	44.513	ng	#	99
84) Di-n-octyl phthalate	14.47	149	1000682	43.707	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	689162	48.004	ng		99
87) Benzo(b)fluoranthene	14.89	252	752048	39.903	ng		100
88) Benzo(k)fluoranthene	14.92	252	649149	35.705	ng		100
89) Benzo(a)pyrene	15.23	252	664459	39.179	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	556504	41.119	ng		98
91) Benzo(g,h,i)perylene	17.10	276	561220	41.165	ng		98

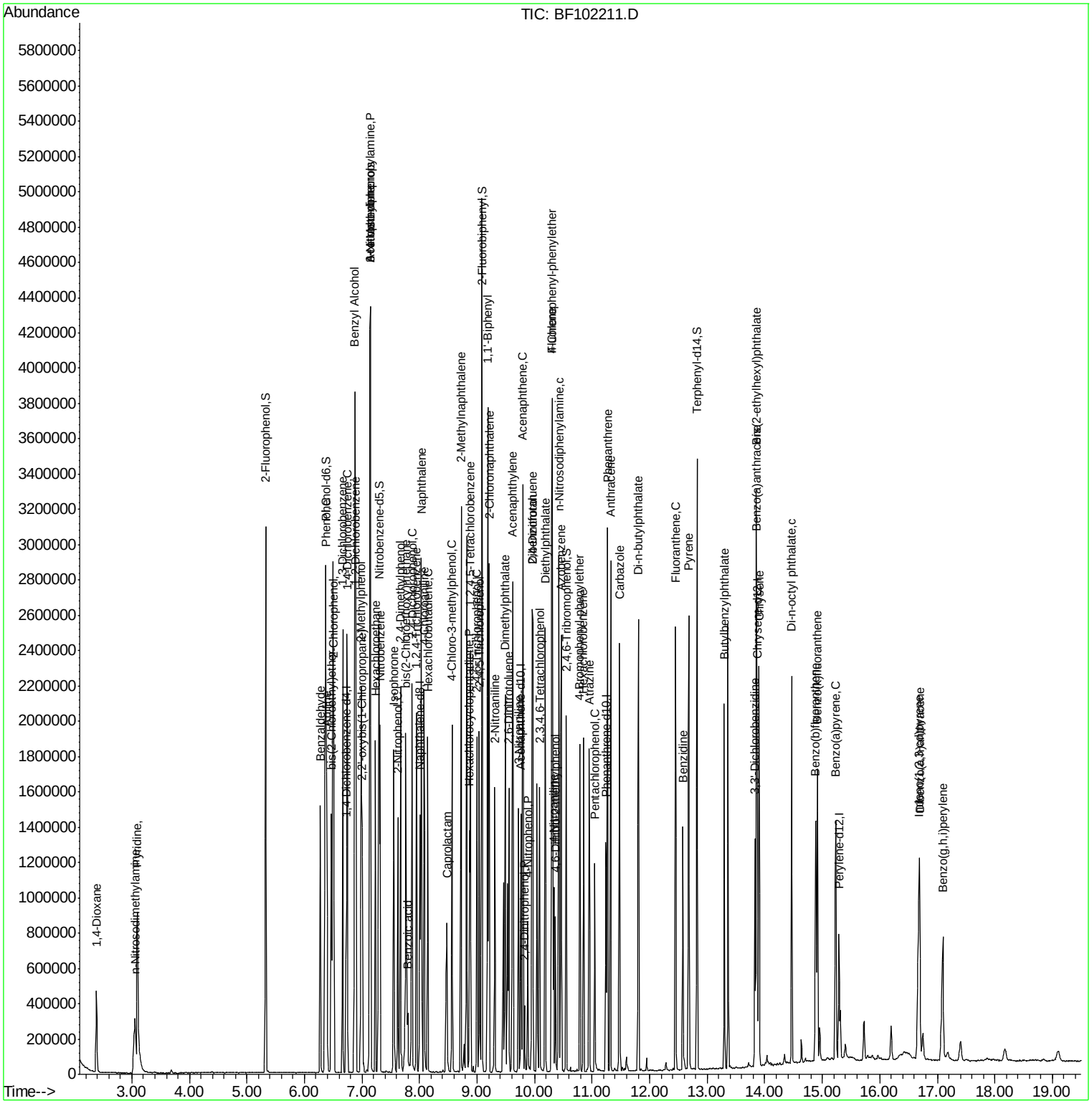
(#) = qualifier out of range (m) = manual integration (+) = signals summed

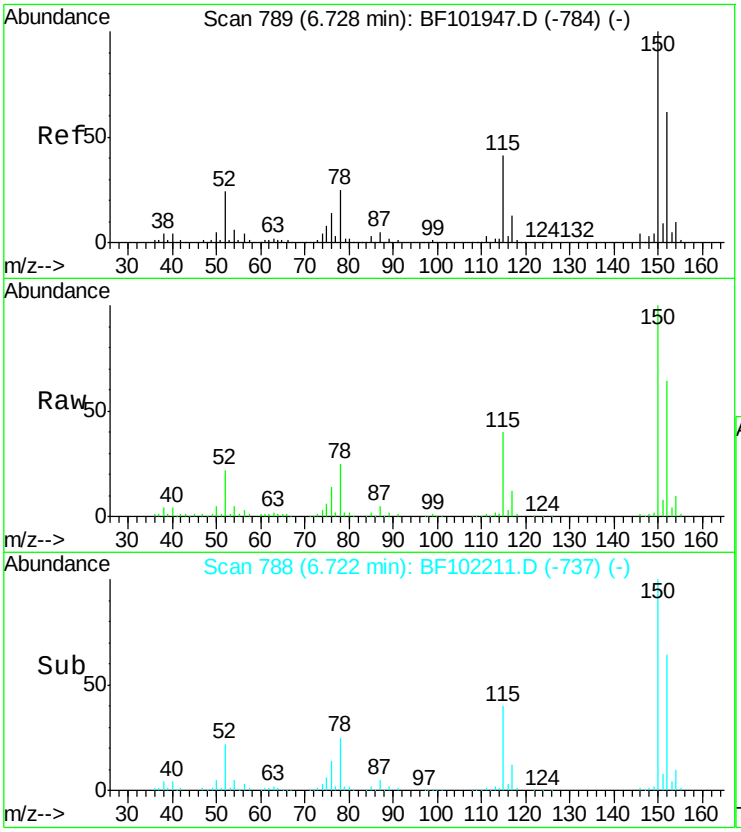
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102211.D
Acq On : 19 Jan 2018 9:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 19 13:29:19 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



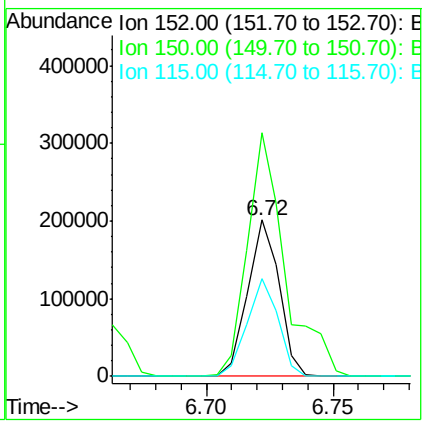


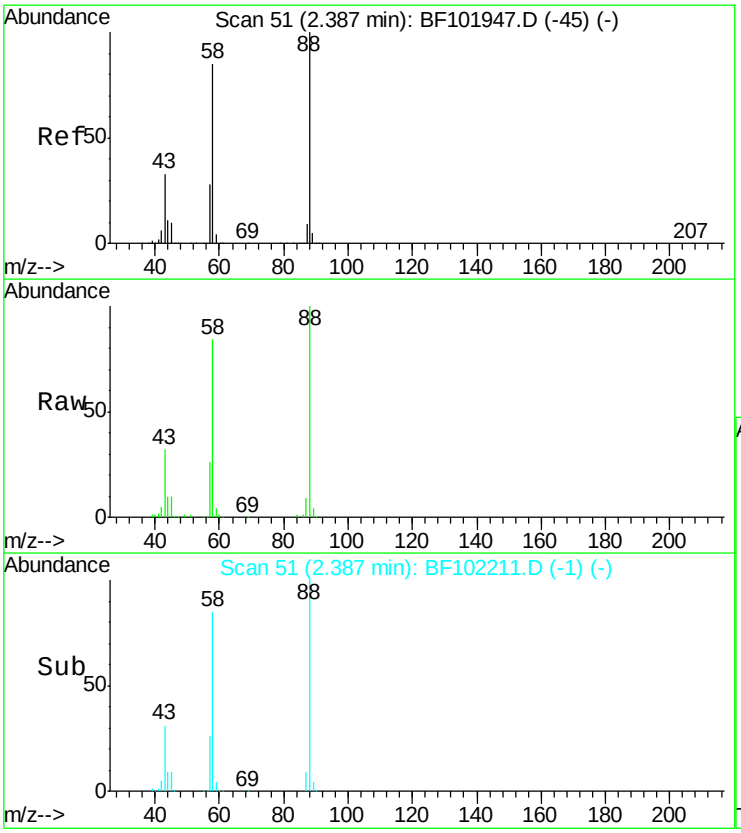
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 174602

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.5	50.1	75.1

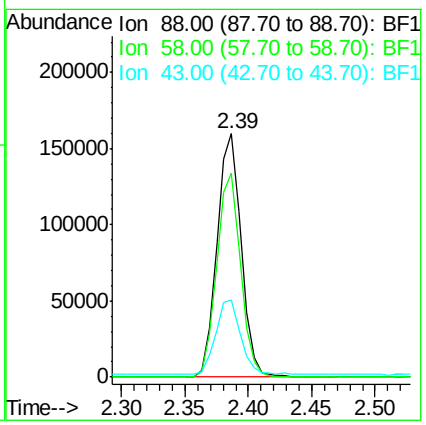


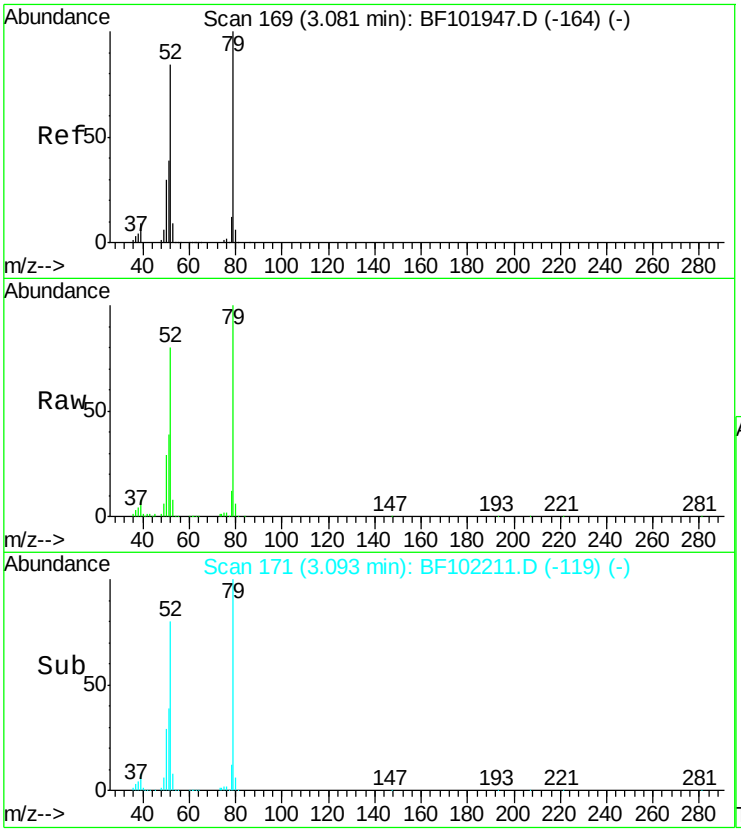


#2
1,4-Dioxane
Concen: 34.450 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 88 Resp: 212580

Ion	Ratio	Lower	Upper
88	100		
58	82.7	62.6	93.8
43	32.2	24.6	37.0



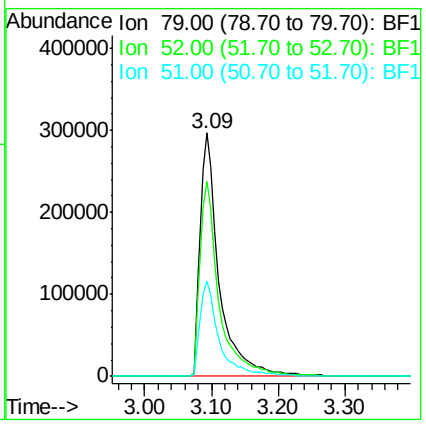


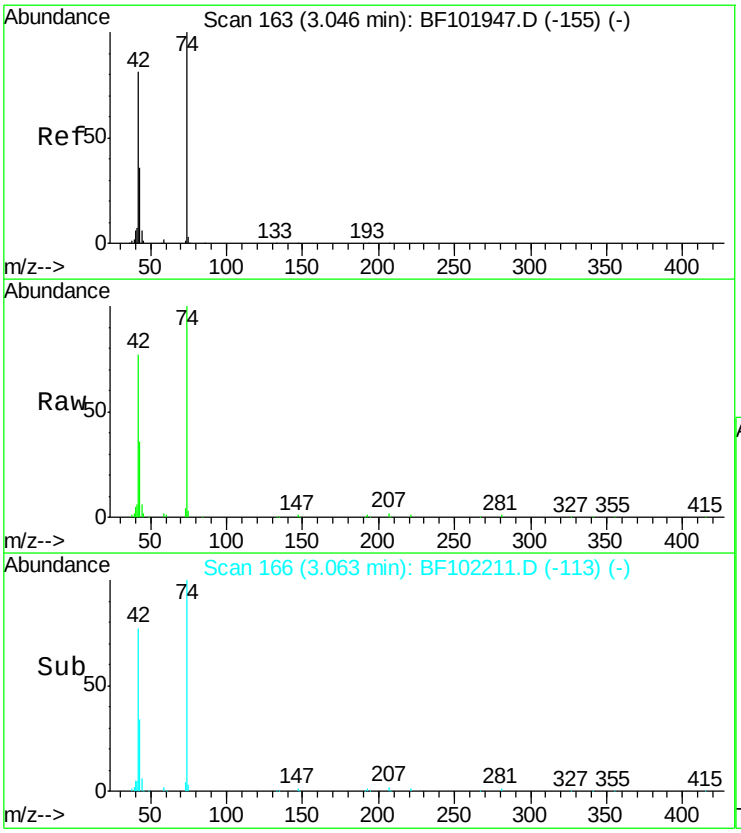
#3
Pyridine
Concen: 34.487 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 581150

Ion	Ratio	Lower	Upper
79	100		
52	80.3	59.8	89.6
51	39.1	29.8	44.8

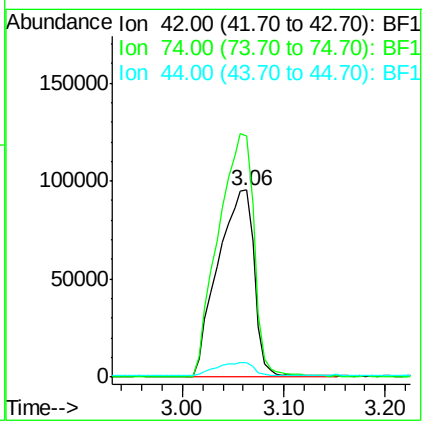


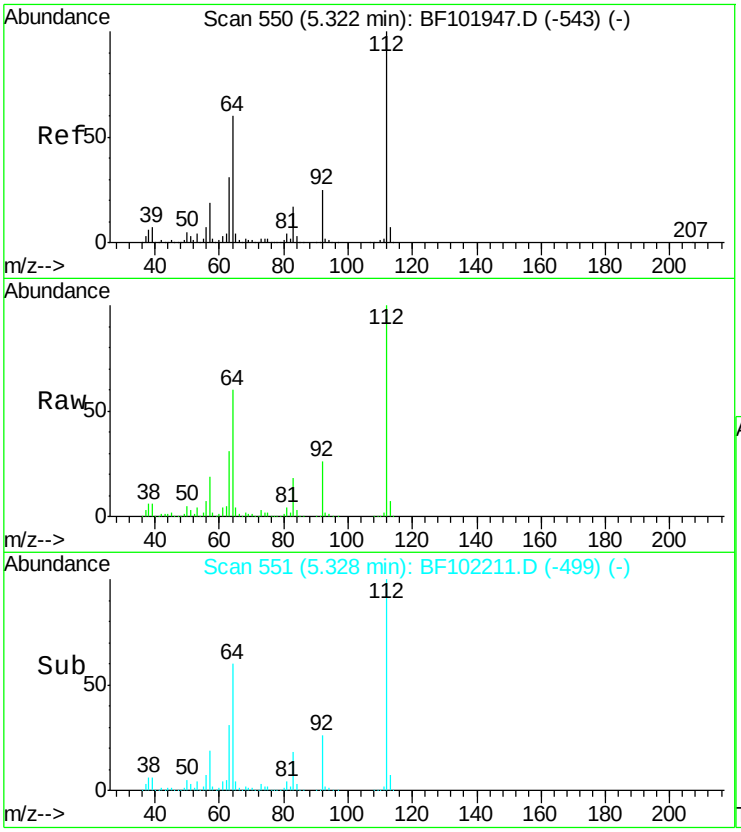


#4
n-Nitrosodimethylamine
Concen: 33.892 ng
RT: 3.06 min Scan# 166
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 42 Resp: 239166

Ion	Ratio	Lower	Upper
42	100		
74	129.1	104.9	157.3
44	7.9	6.9	10.3



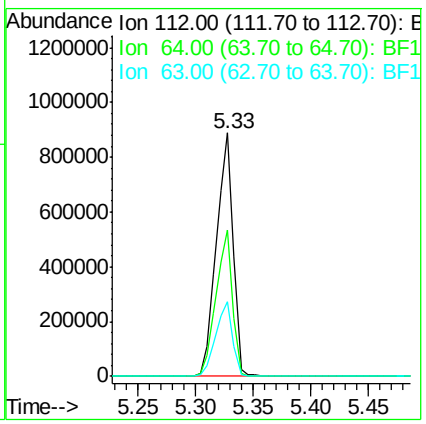


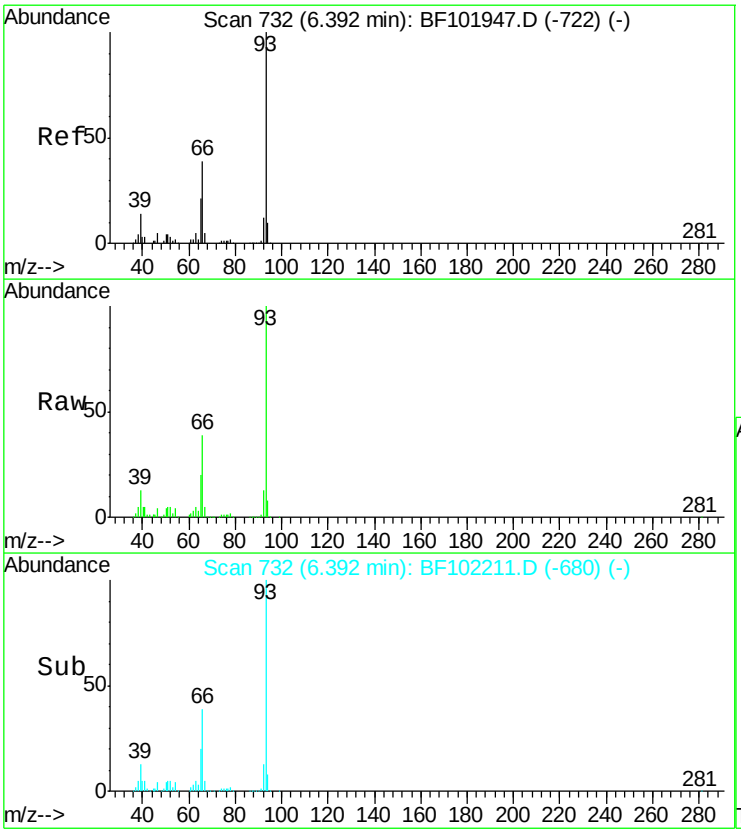
#5
2-Fluorophenol
Concen: 72.489 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 896314

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.9	23.7	35.5

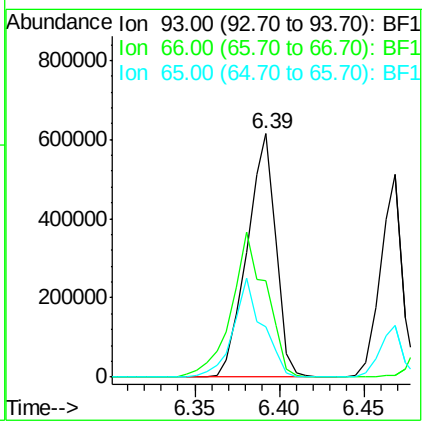


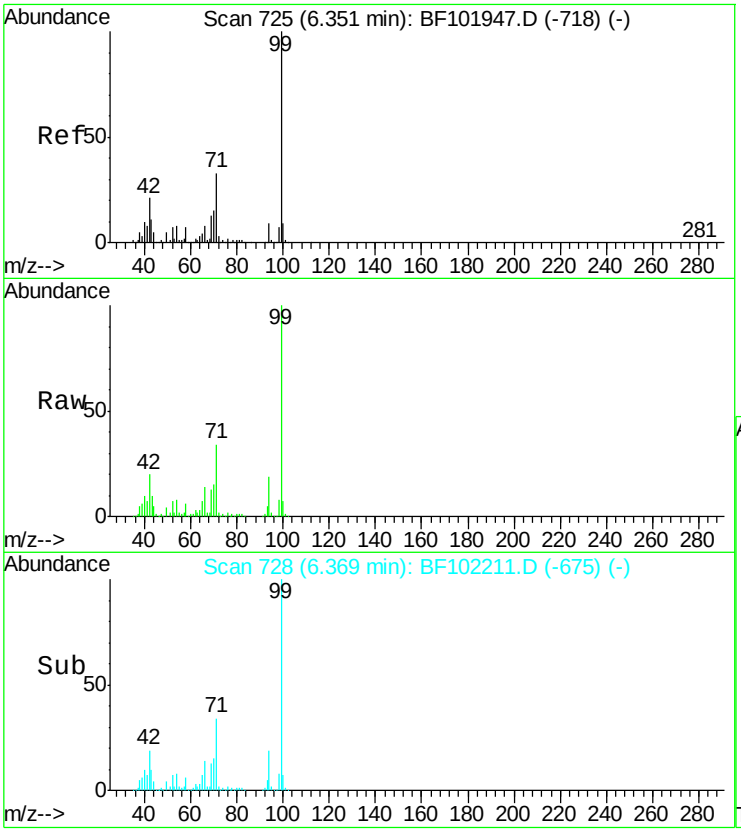


#6
Aniline
Concen: 35.221 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 93 Resp: 732262

Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	20.4	16.4	24.6



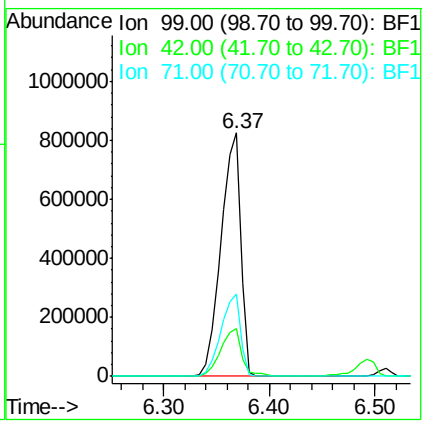


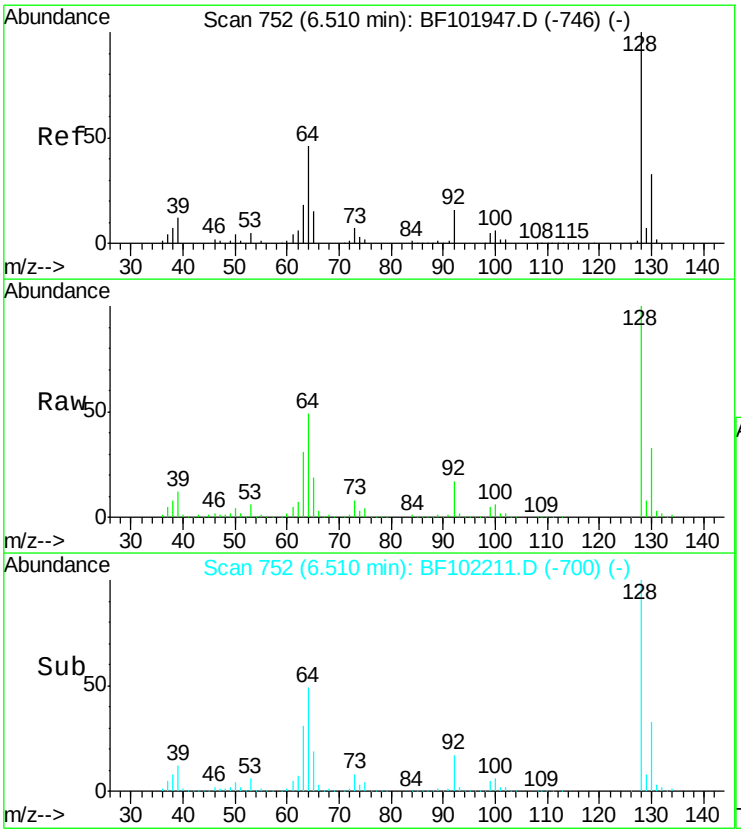
#7
Phenol-d6
Concen: 72.681 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1072232

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.8	25.4	38.0

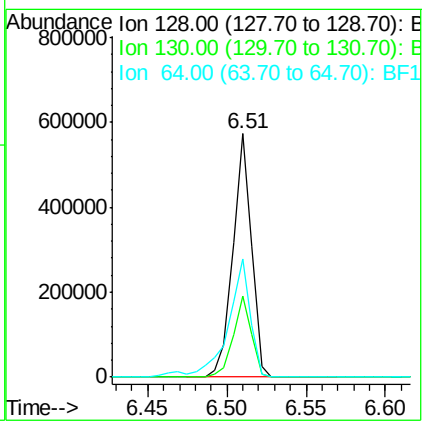


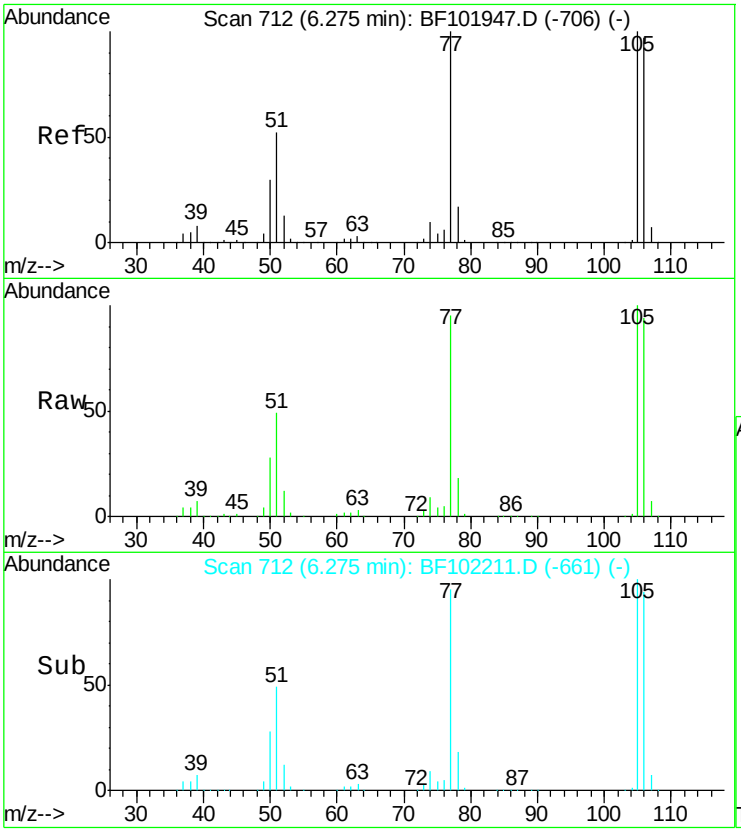


#8
2-Chlorophenol
Concen: 37.540 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:128 Resp: 465543

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	48.7	29.4	69.4



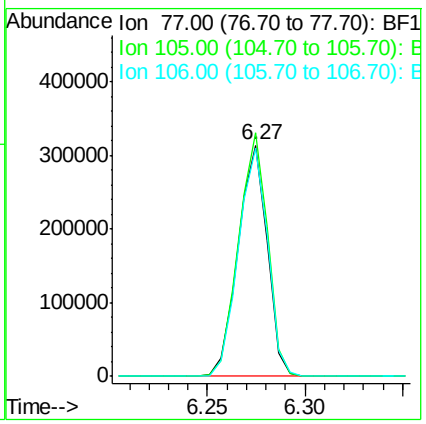


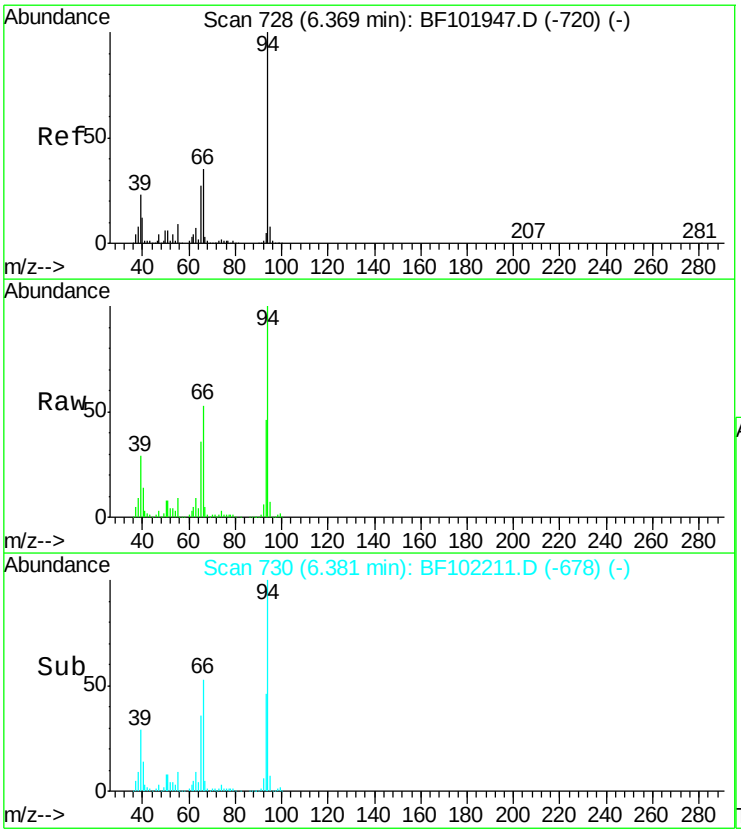
#9
Benzaldehyde
Concen: 31.758 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 325308

Ion	Ratio	Lower	Upper
77	100		
105	105.4	81.1	121.1
106	98.7	74.5	114.5

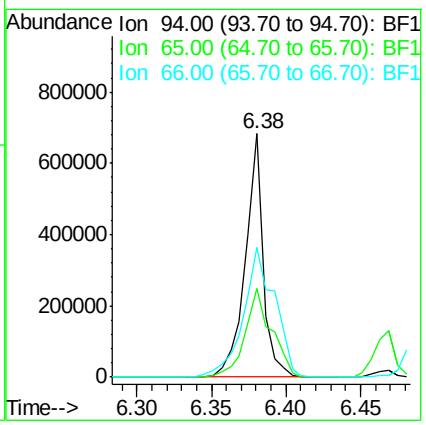


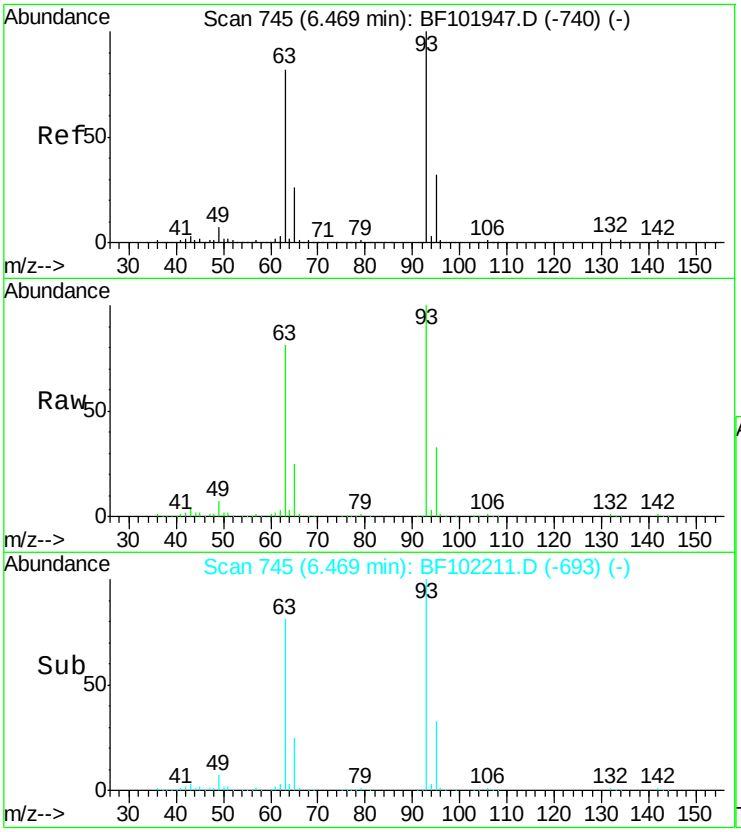


#10
Phenol
Concen: 33.991 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 94 Resp: 566705

Ion	Ratio	Lower	Upper
94	100		
65	36.5	7.9	47.9
66	53.4	16.2	56.2



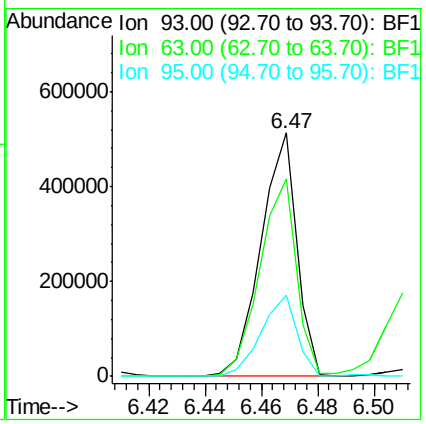


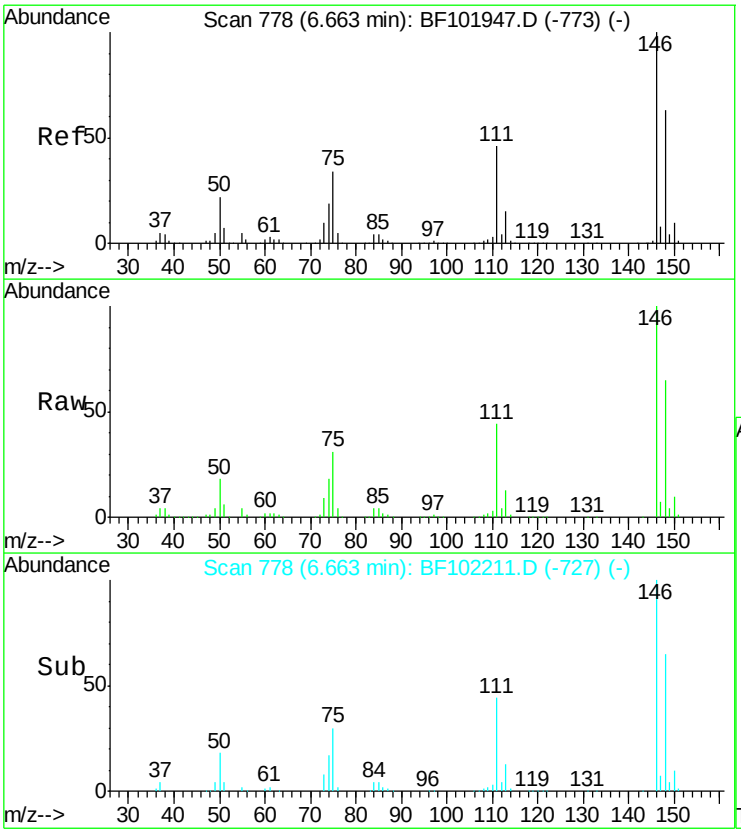
#11
bis(2-Chloroethyl)ether
Concen: 35.532 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 450893

Ion	Ratio	Lower	Upper
93	100		
63	81.4	58.6	98.6
95	33.4	11.8	51.8

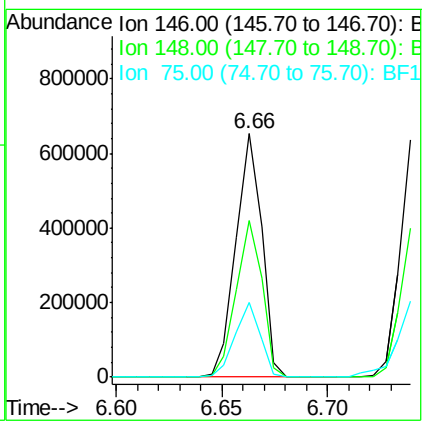


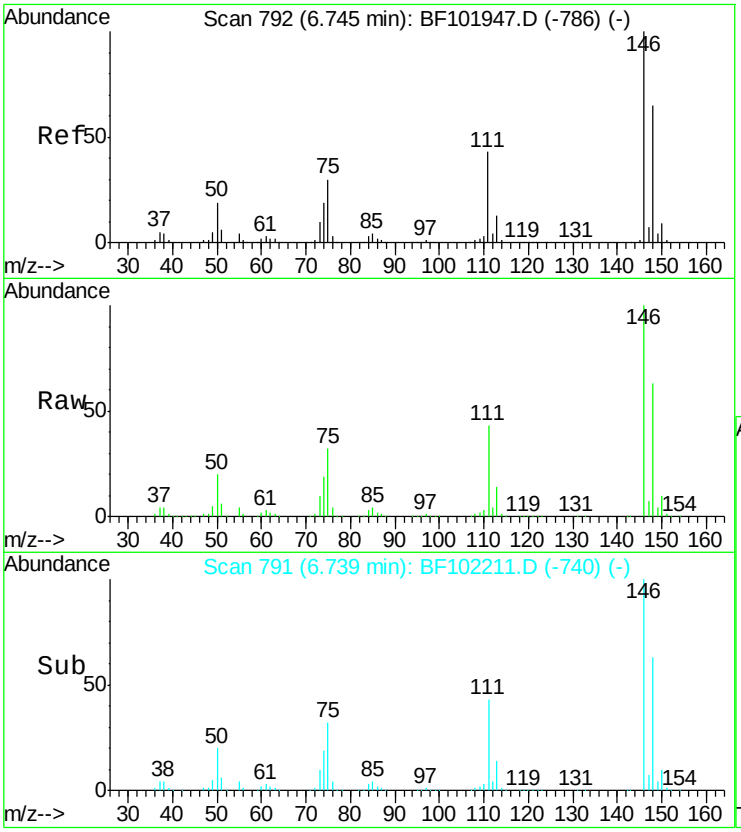


#12
1,3-Dichlorobenzene
Concen: 38.736 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:146 Resp: 553747

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	30.5	24.2	36.4



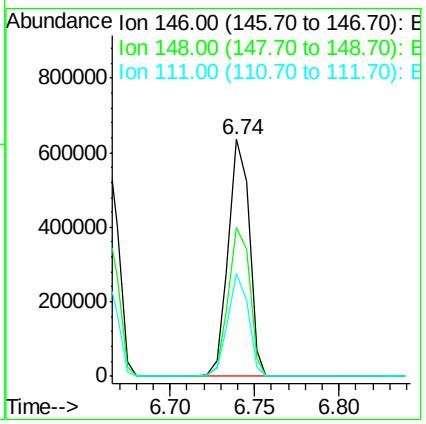


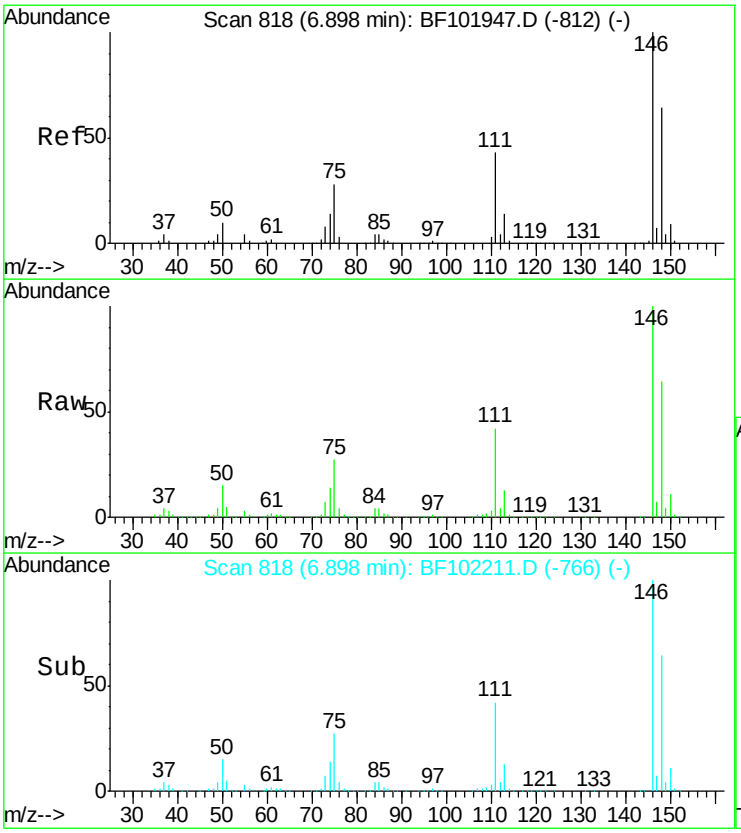
#13
1,4-Dichlorobenzene
Concen: 38.492 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 549086

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	43.3	34.2	51.2

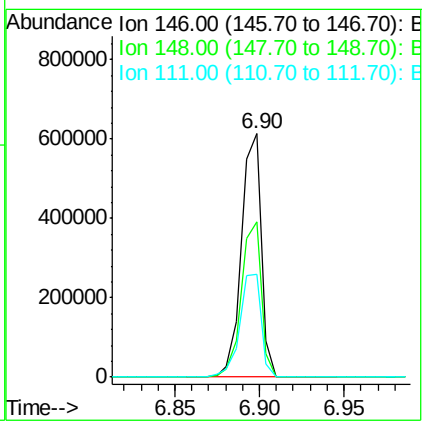


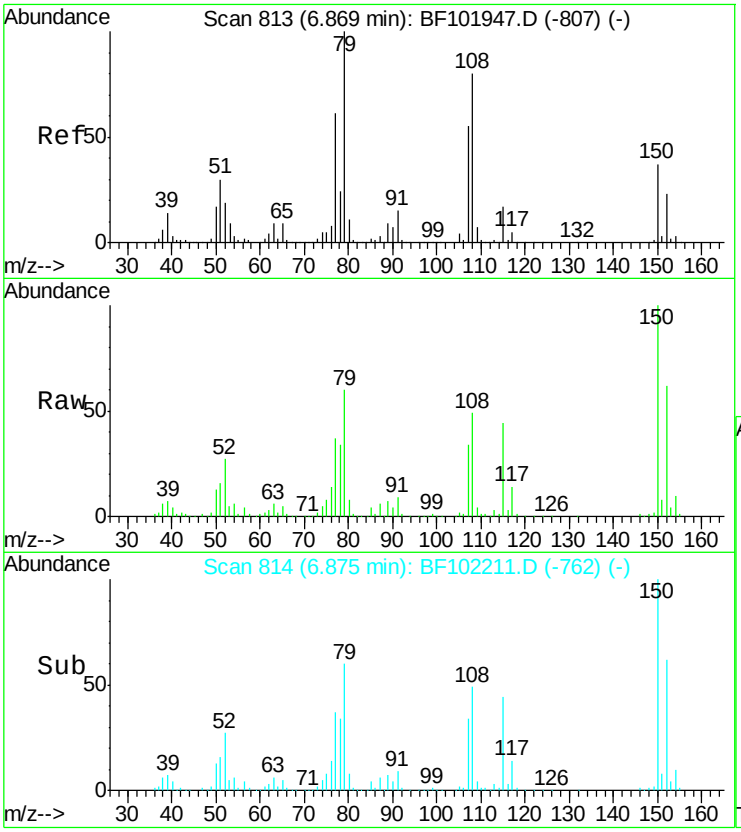


#14
1,2-Dichlorobenzene
Concen: 38.256 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:146 Resp: 505103

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	42.1	36.0	54.0



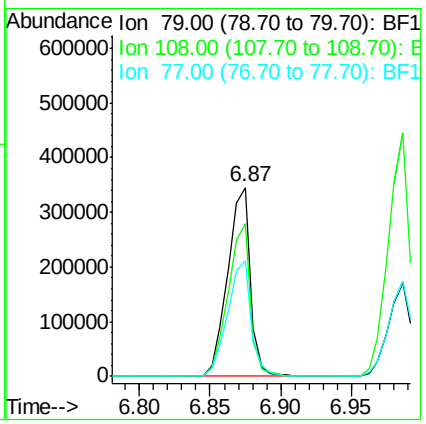


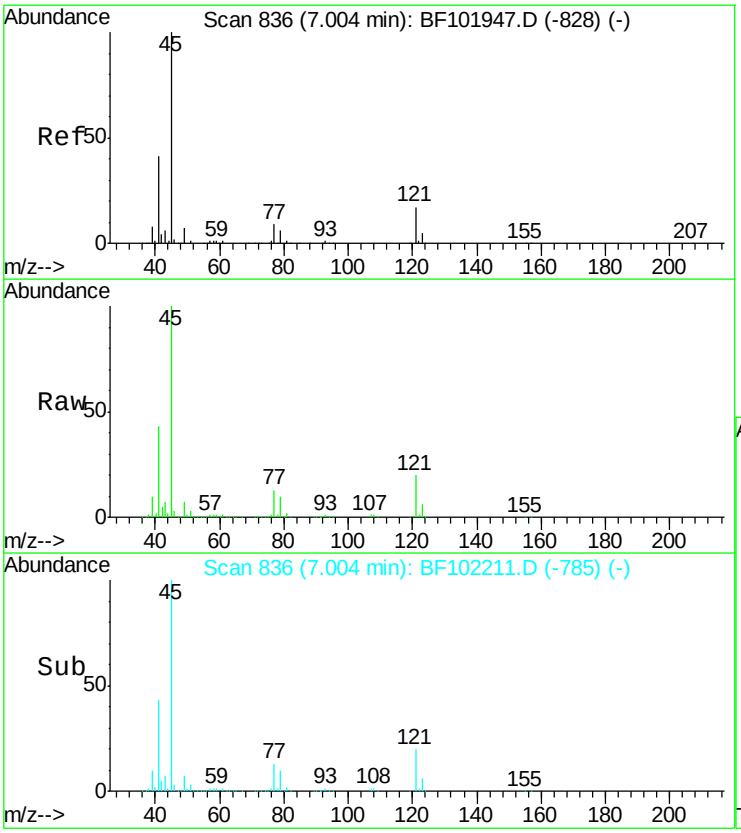
#15
Benzyl Alcohol
Concen: 35.647 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 384678

Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.1	97.7
77	61.5	50.6	75.8

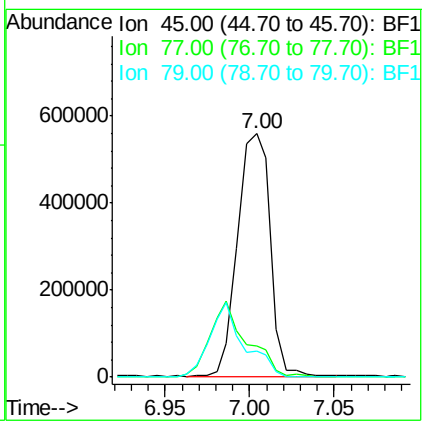


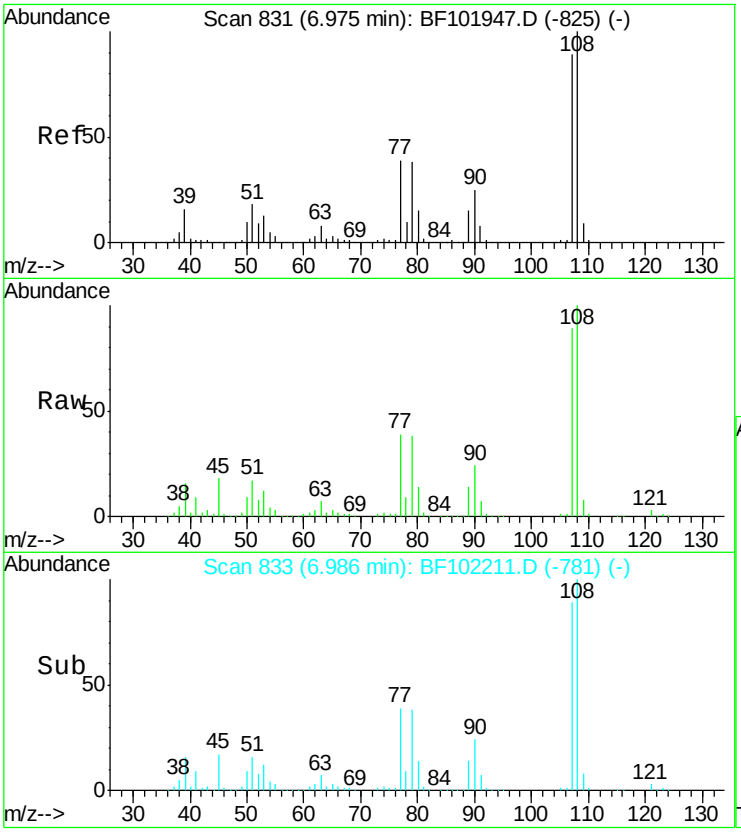


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.925 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 45 Resp: 746798

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.9
79	10.4	0.0	29.6



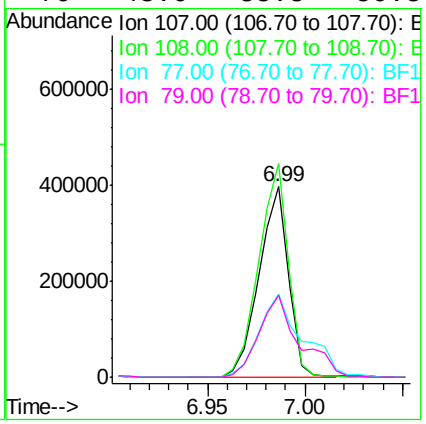


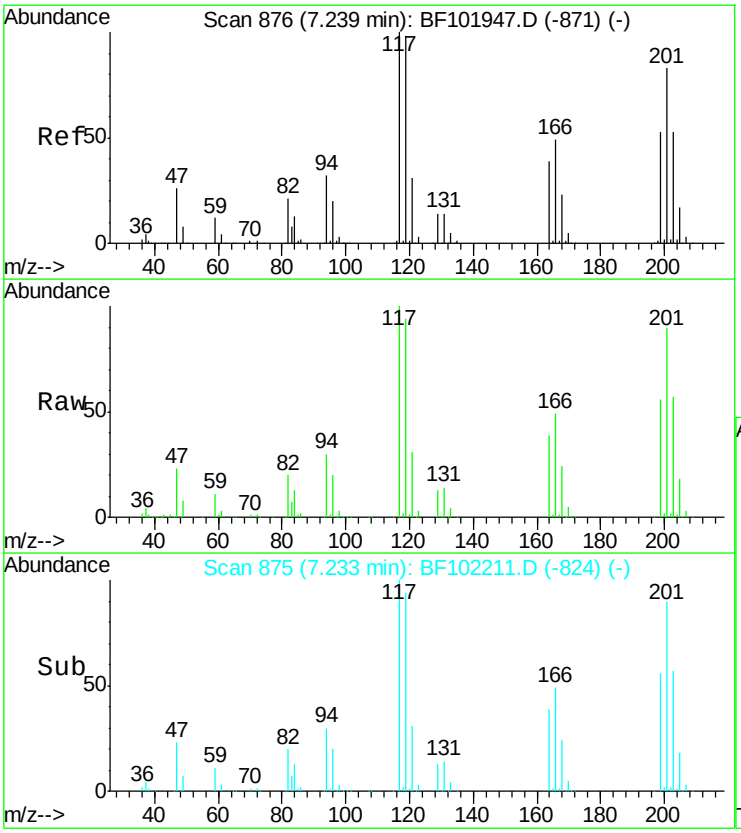
#17
2-Methylphenol
Concen: 37.058 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 414568

Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	43.7	33.8	50.8
79	43.0	33.8	50.8

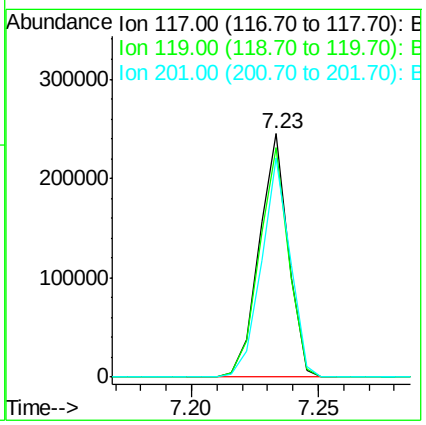


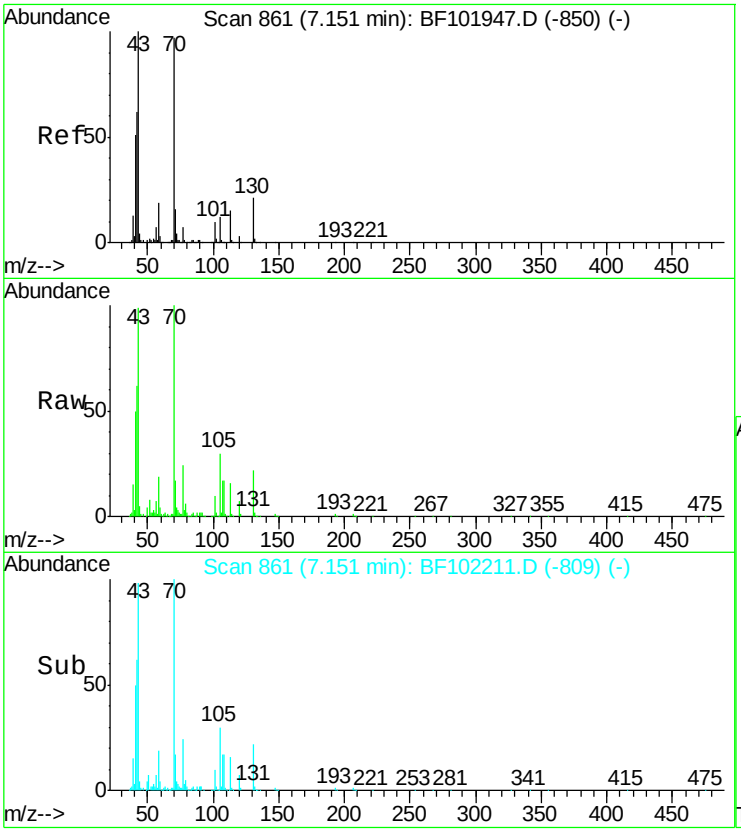


#18
Hexachloroethane
Concen: 38.776 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:117 Resp: 194781

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	90.2	75.7	113.5



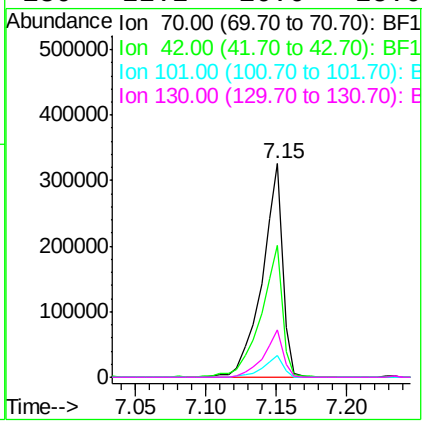


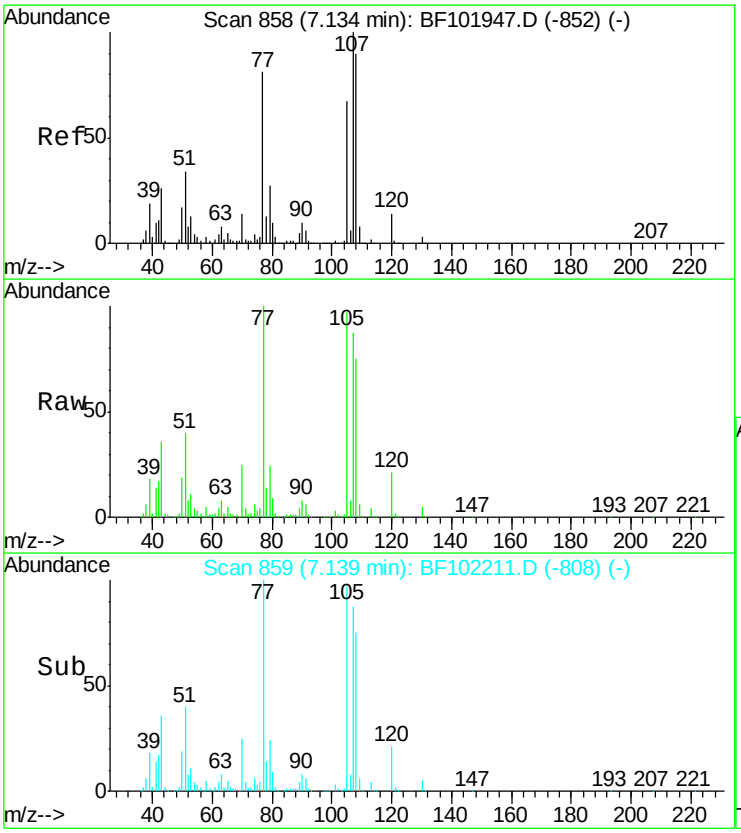
#19
n-Nitroso-di-n-propylamine
Concen: 34.635 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 334843

Ion	Ratio	Lower	Upper
70	100		
42	61.8	47.5	71.3
101	10.2	7.4	11.2
130	22.2	16.6	25.0

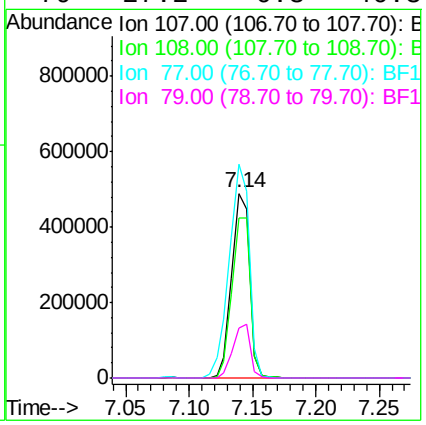


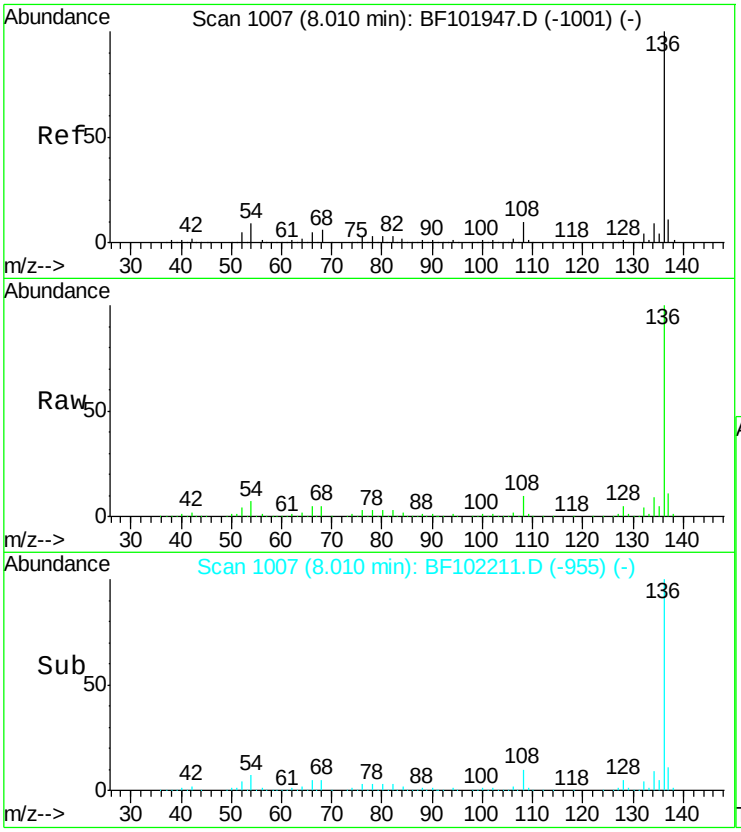


#20
3+4-Methylphenols
Concen: 35.300 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:107 Resp: 474151

Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	115.5	26.7	66.7#
79	27.2	6.3	46.3



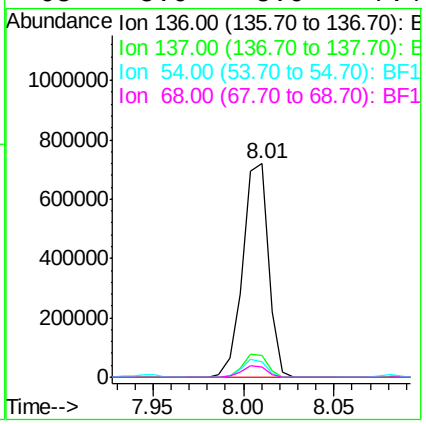


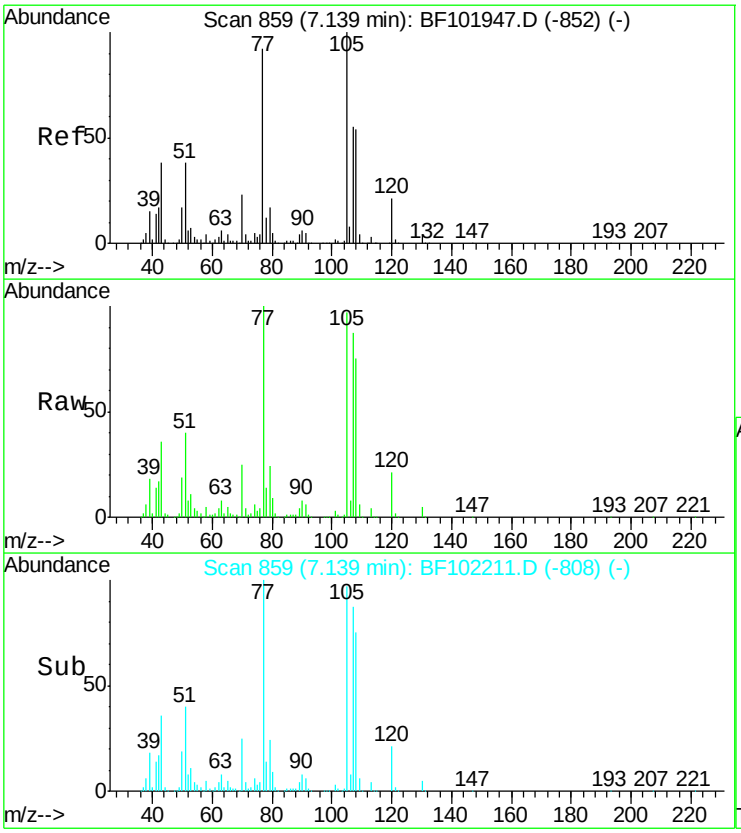
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 707911

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.0	5.0	7.4

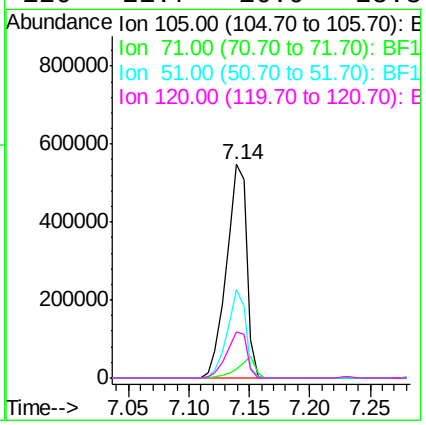


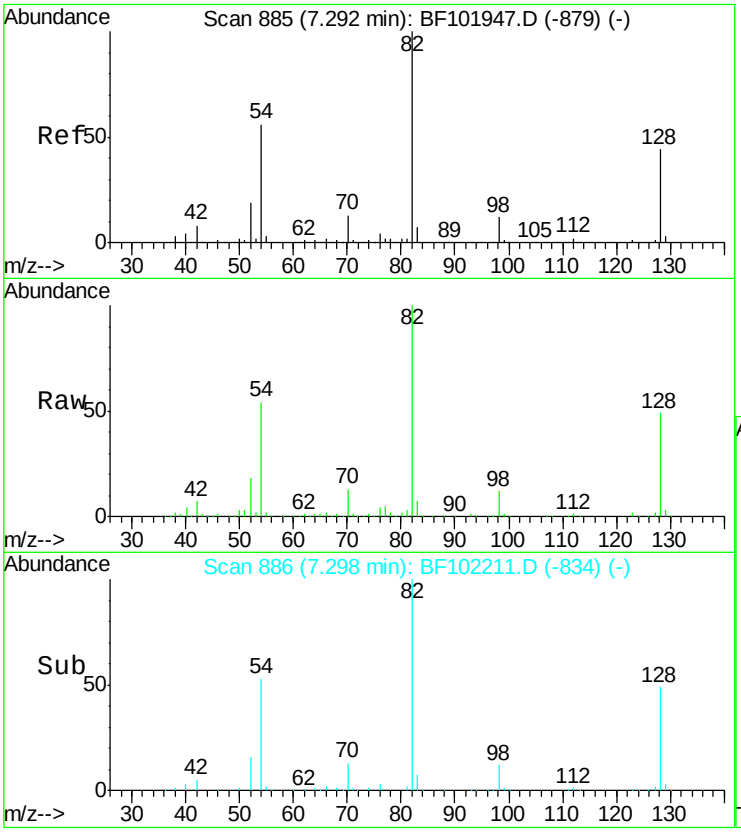


#22
Acetophenone
Concen: 37.429 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:105 Resp: 638414

Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.4	6.6#
51	41.1	22.3	33.5#
120	21.7	16.9	25.3



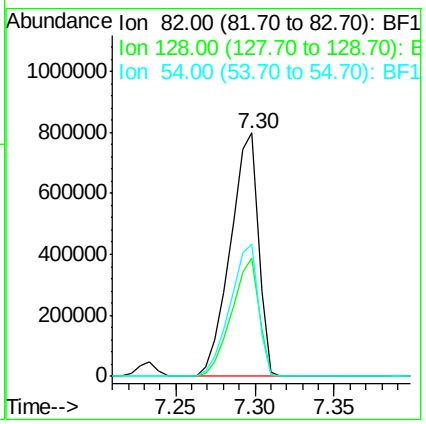


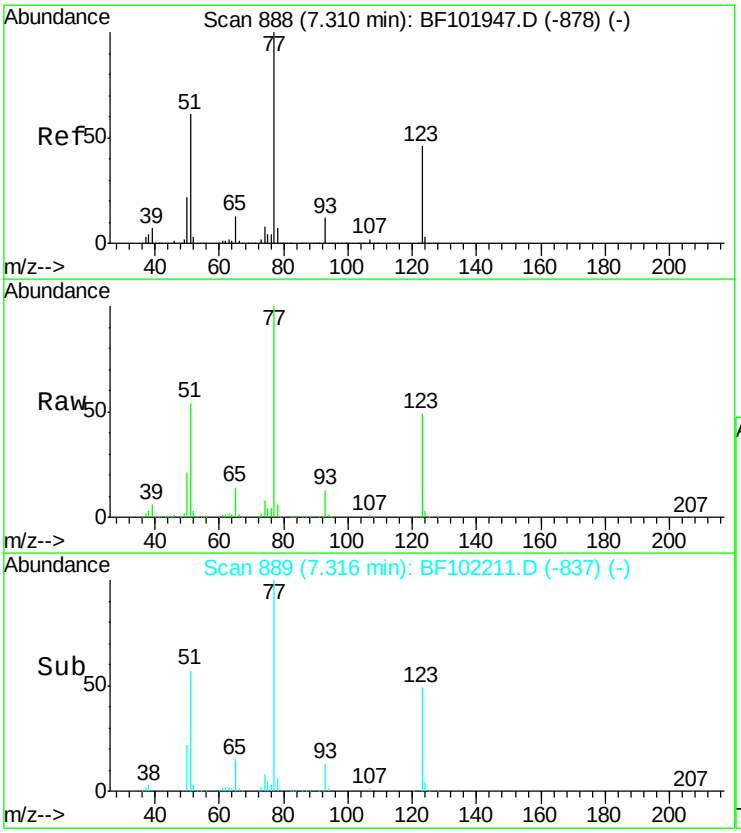
#23
Nitrobenzene-d5
Concen: 81.073 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 976660

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	54.3	41.4	62.2

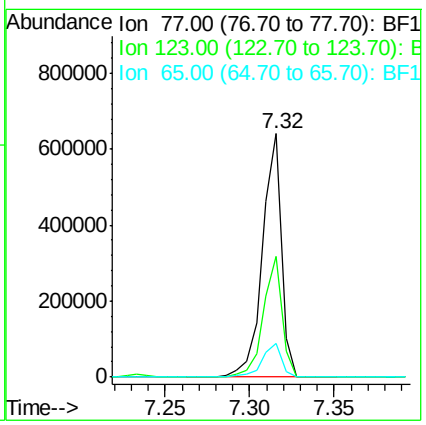


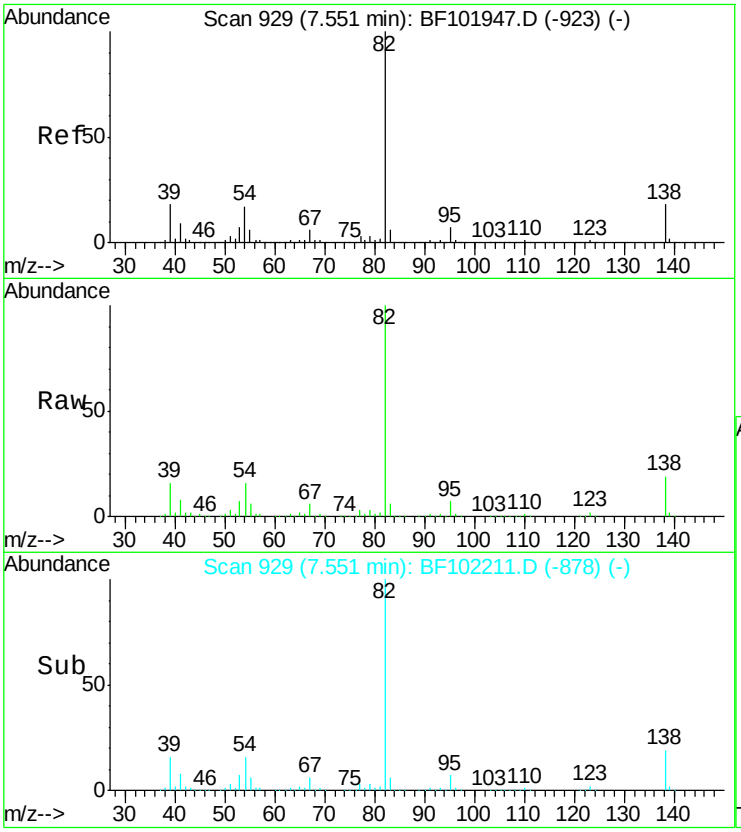


#24
Nitrobenzene
Concen: 38.770 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 77 Resp: 501871

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.9	56.9
65	13.9	11.0	16.4



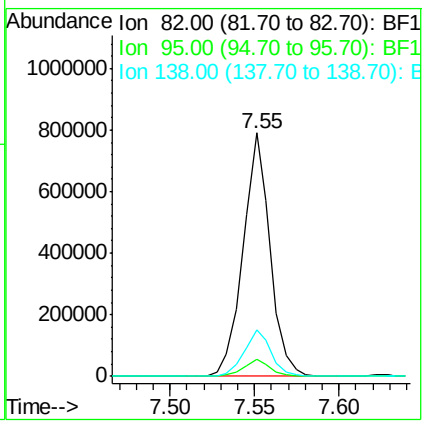


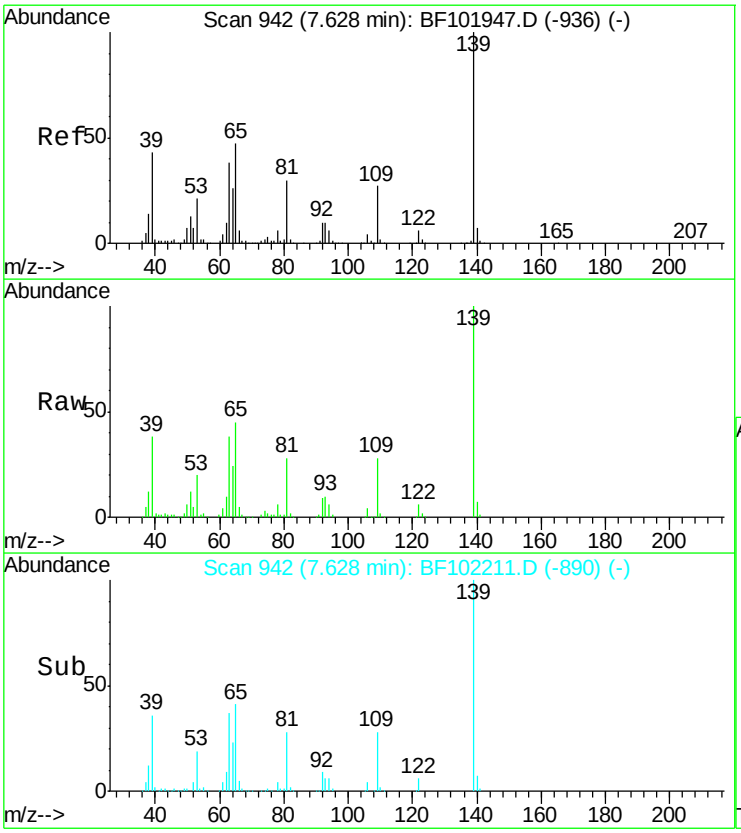
#25
Isophorone
Concen: 37.048 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 881848

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	19.1	14.9	22.3

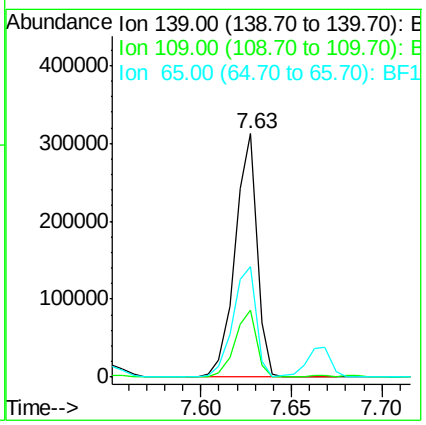


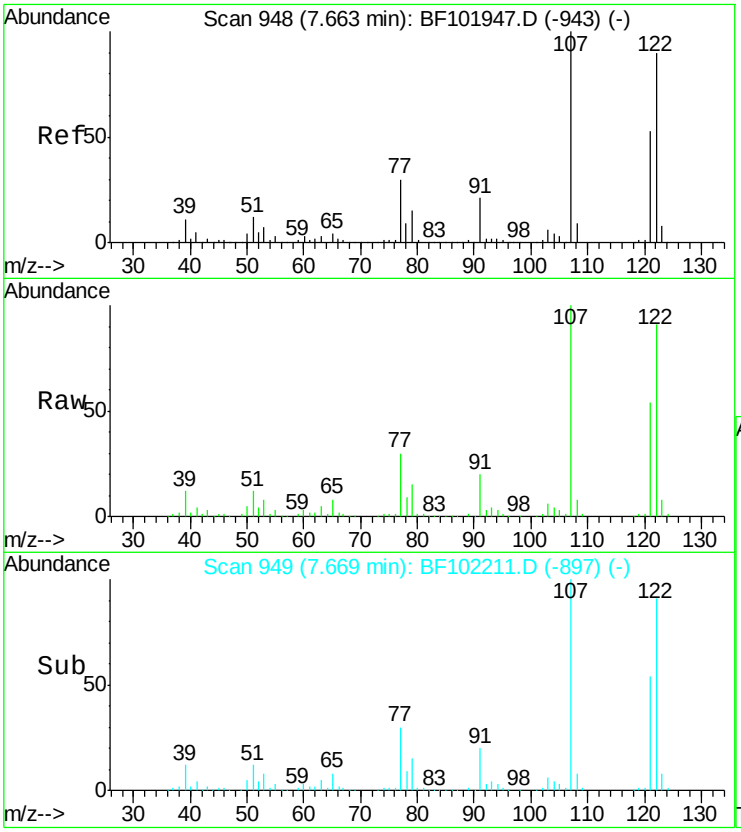


#26
2-Nitrophenol
Concen: 48.641 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:139 Resp: 263538

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	45.2	40.5	60.7



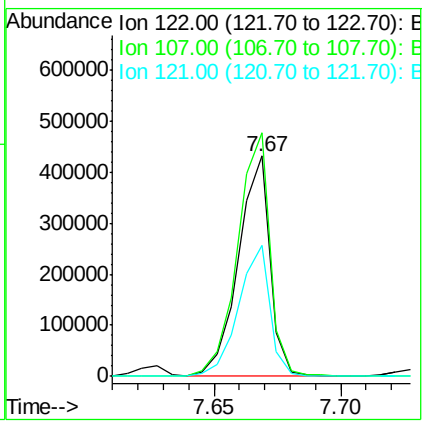


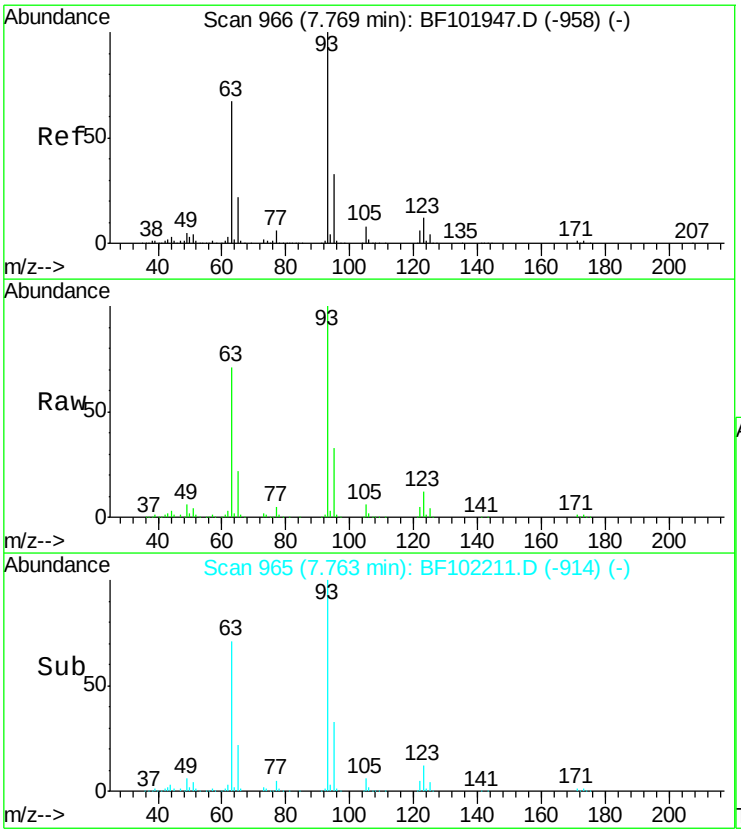
#27
2,4-Dimethylphenol
Concen: 37.228 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 376697

Ion	Ratio	Lower	Upper
122	100		
107	110.5	91.2	136.8
121	59.4	47.2	70.8

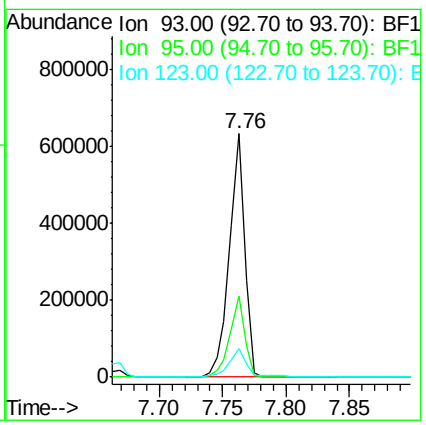


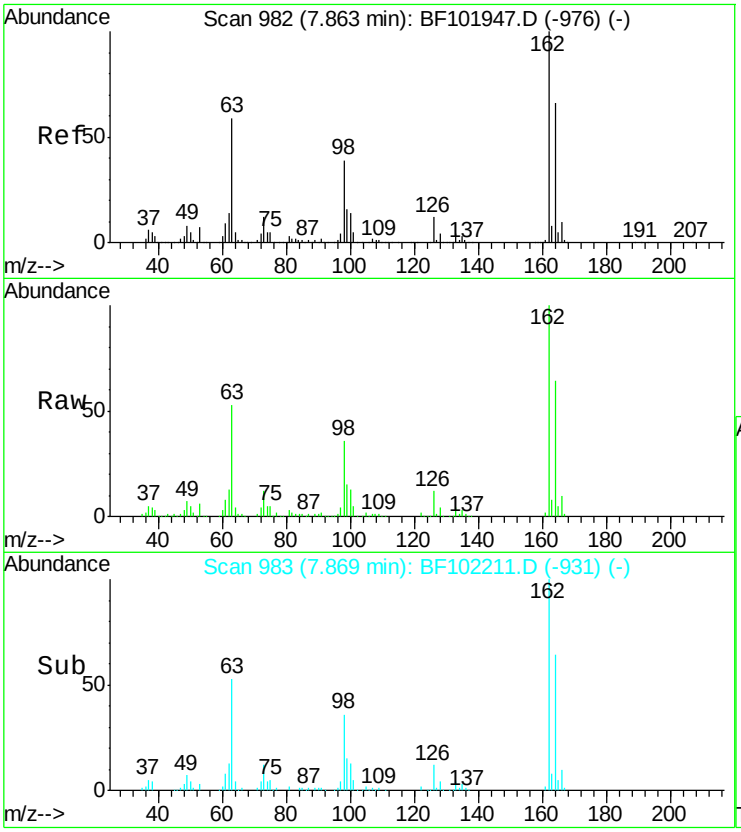


#28
bis(2-Chloroethoxy)methane
Concen: 36.744 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 93 Resp: 528094

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.7	9.8	14.6



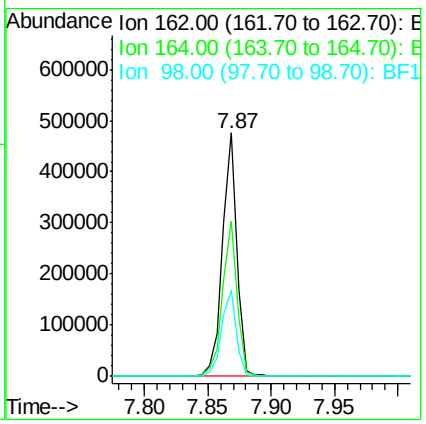


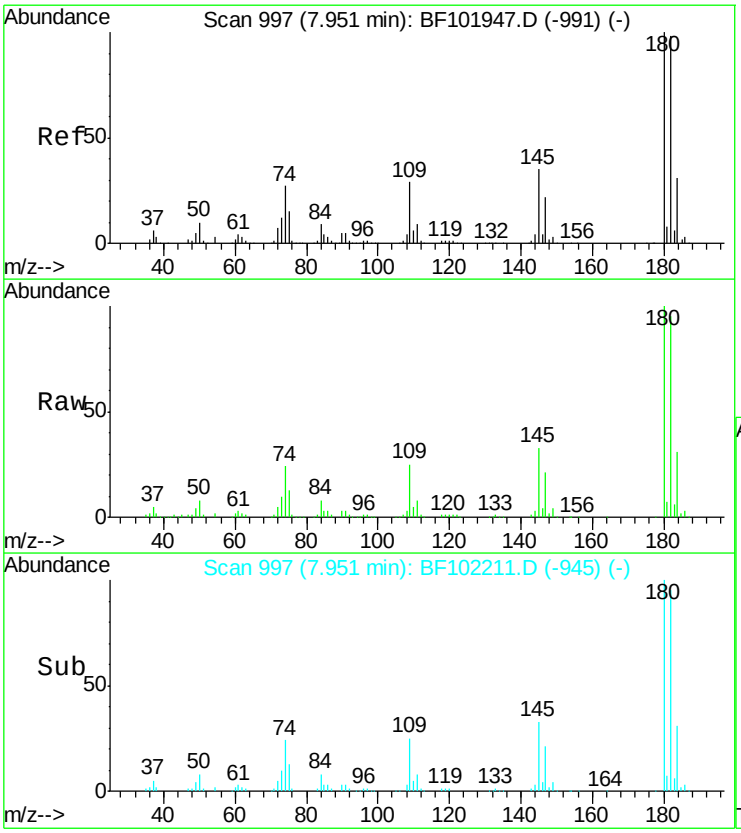
#29
2,4-Dichlorophenol
Concen: 39.743 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 381852

Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	35.5	18.1	58.1

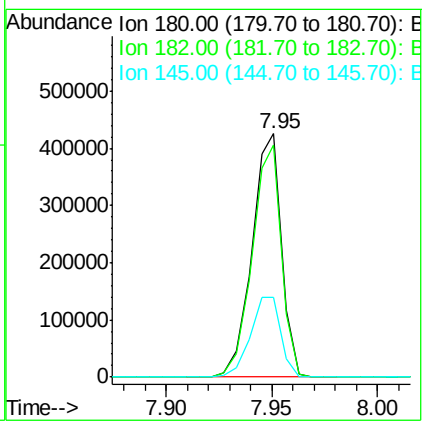


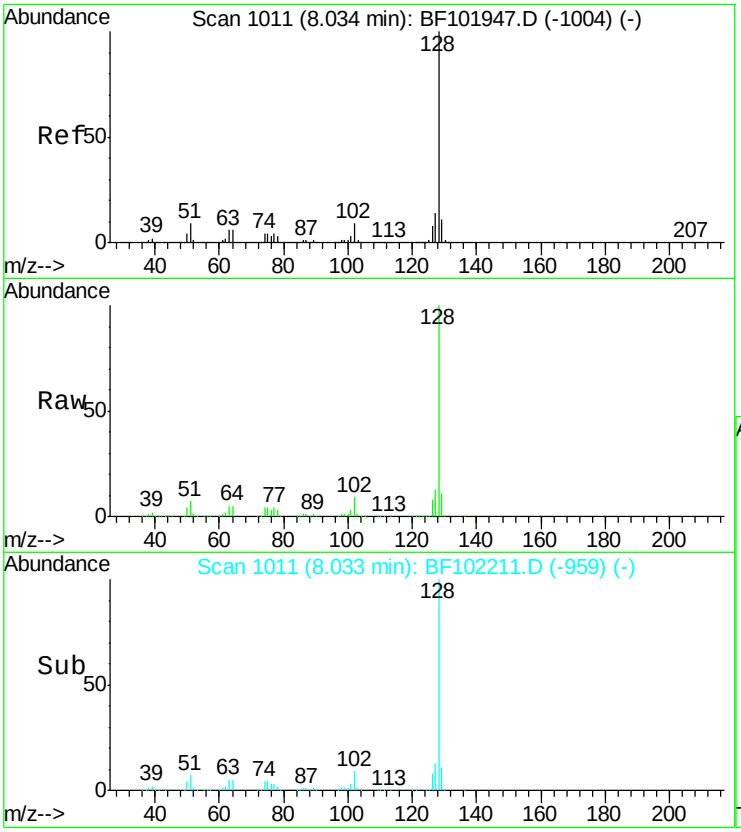


#30
1,2,4-Trichlorobenzene
Concen: 40.931 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:180 Resp: 411354

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	32.5	26.5	39.7



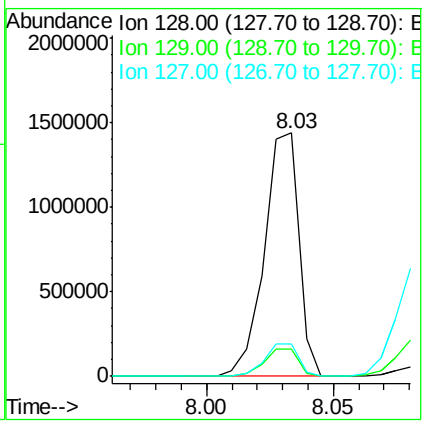


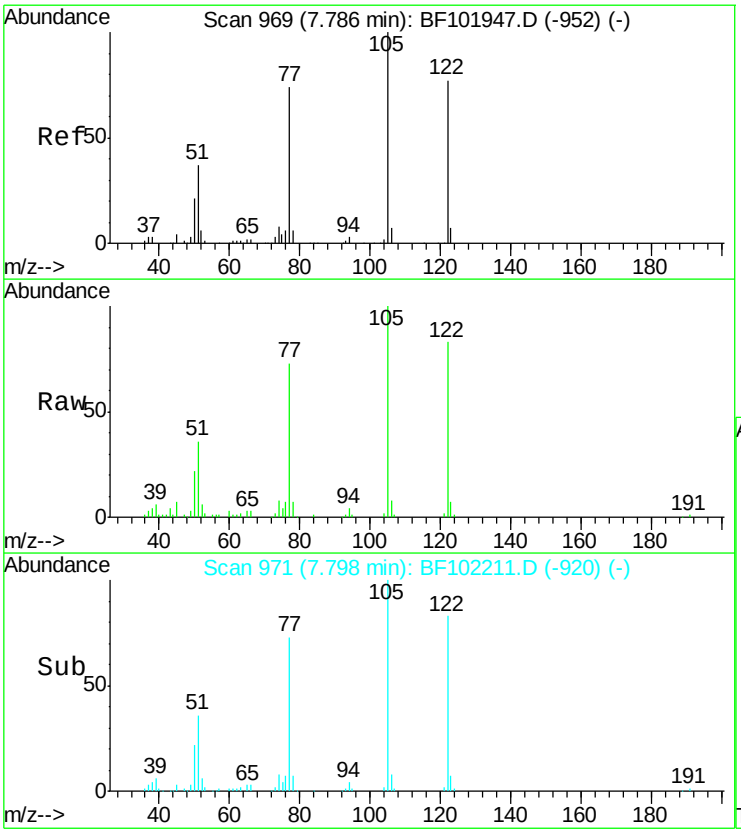
#31
Naphthalene
Concen: 38.577 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1364592

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3

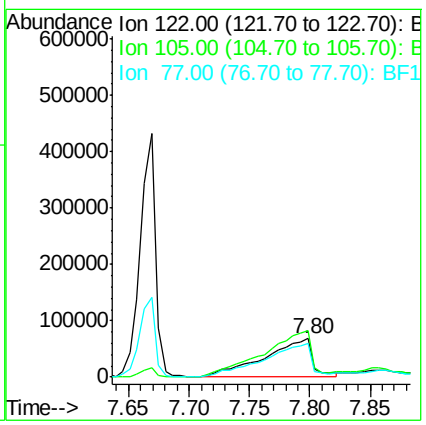


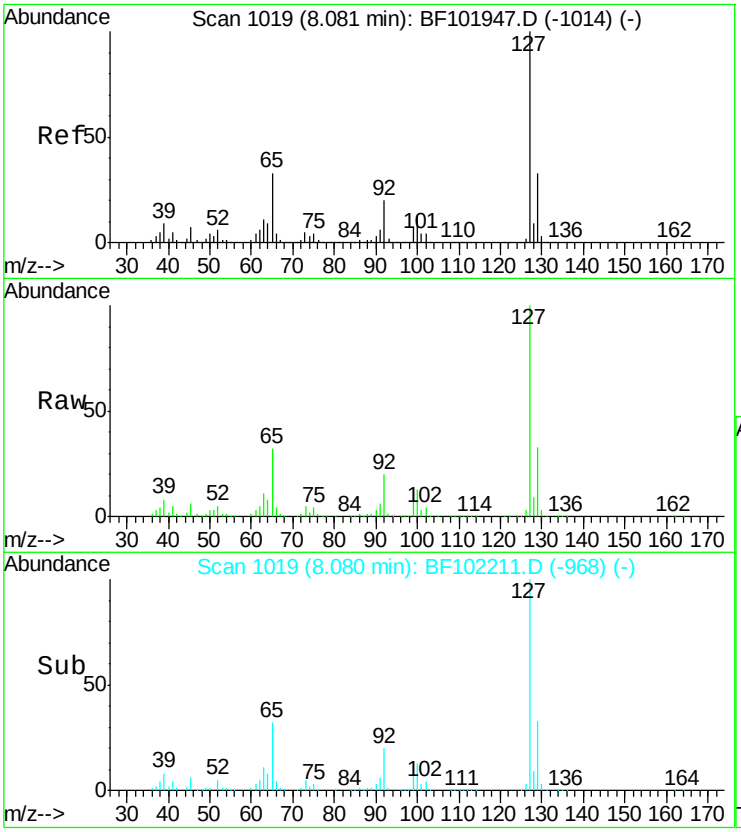


#32
Benzoic acid
Concen: 24.355 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:122 Resp: 186871

Ion	Ratio	Lower	Upper
122	100		
105	119.8	101.1	141.1
77	87.7	70.7	110.7



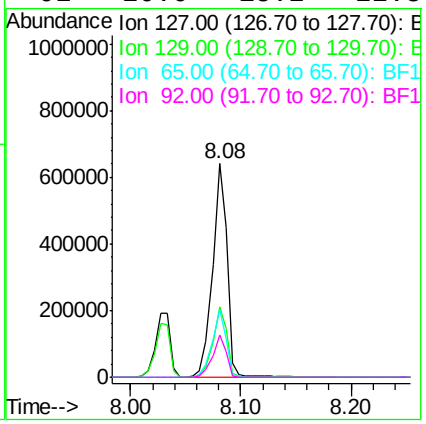


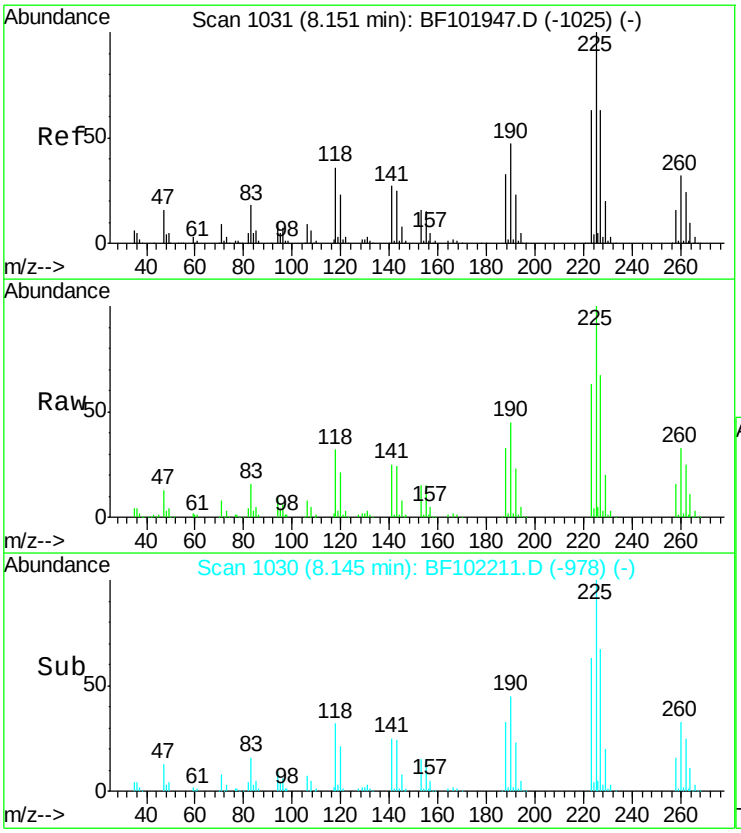
#33
4-Chloroaniline
Concen: 38.094 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 575131

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	32.0	25.0	37.4
92	20.0	15.2	22.8

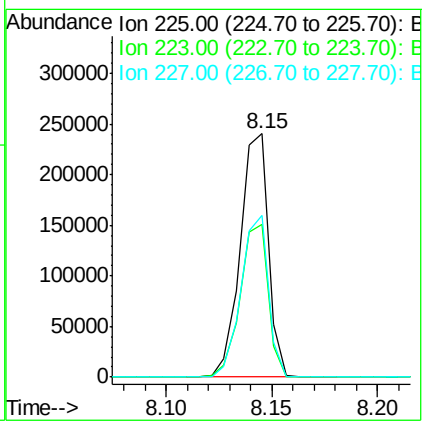


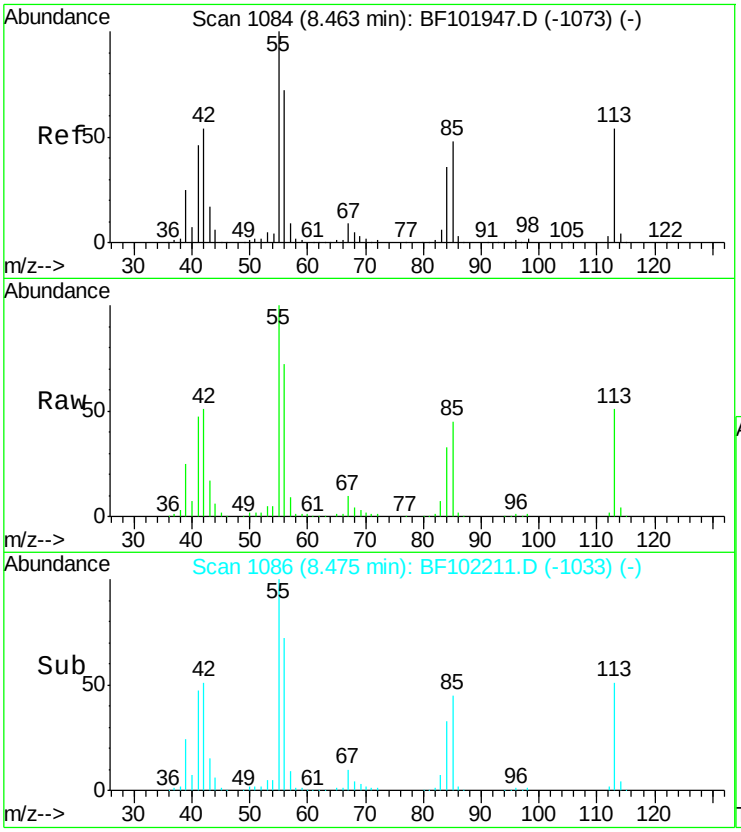


#34
Hexachlorobutadiene
Concen: 41.719 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:225 Resp: 221930

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	66.5	51.9	77.9



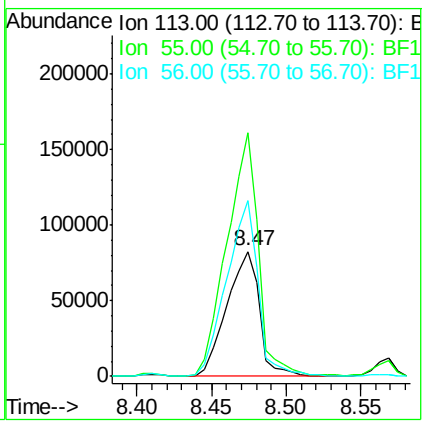


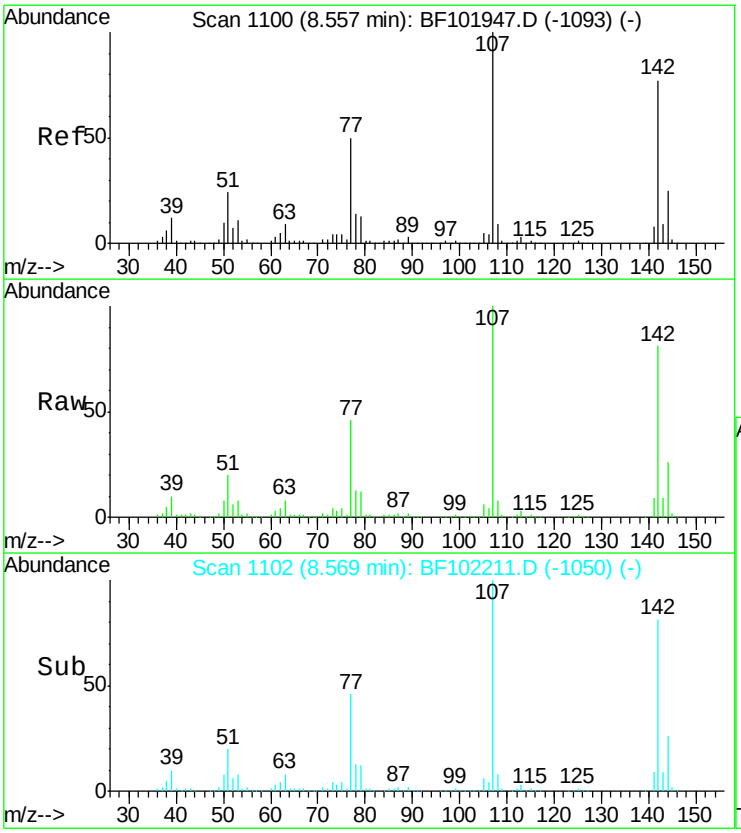
#35
Caprolactam
Concen: 38.268 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 126222

Ion	Ratio	Lower	Upper
113	100		
55	194.8	163.3	203.3
56	140.6	115.7	155.7

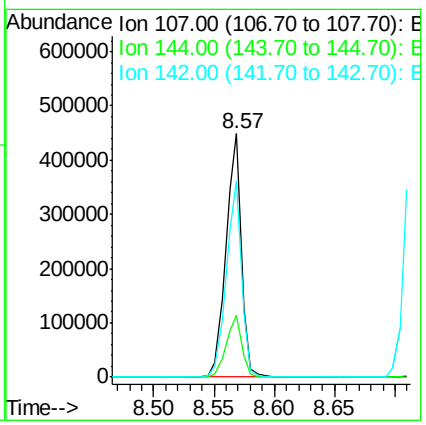


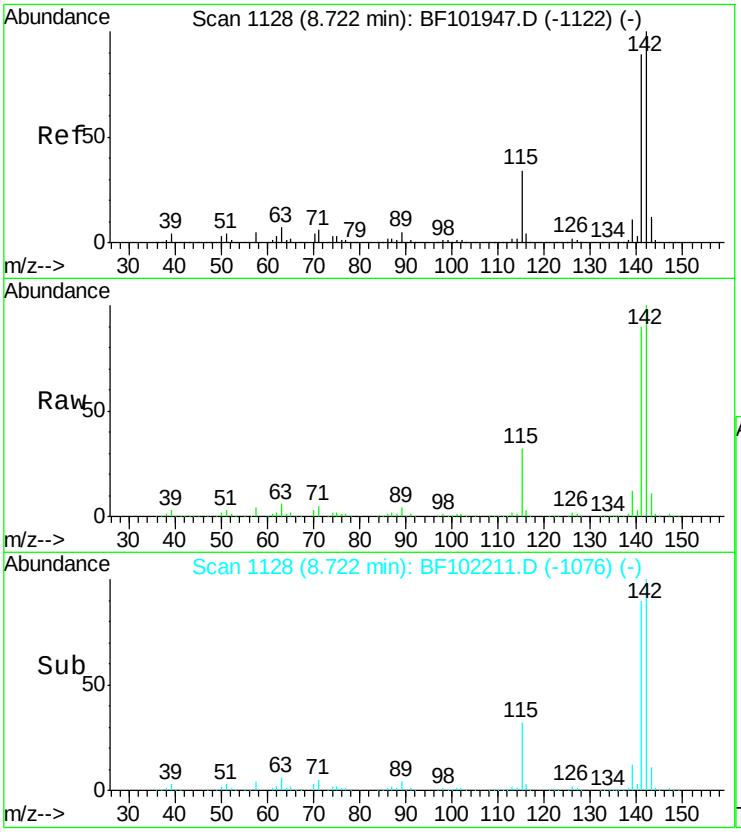


#36
4-Chloro-3-methylphenol
Concen: 37.589 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:107 Resp: 395331

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	80.7	62.0	93.0



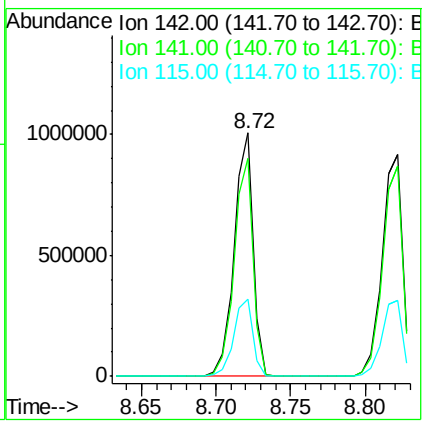


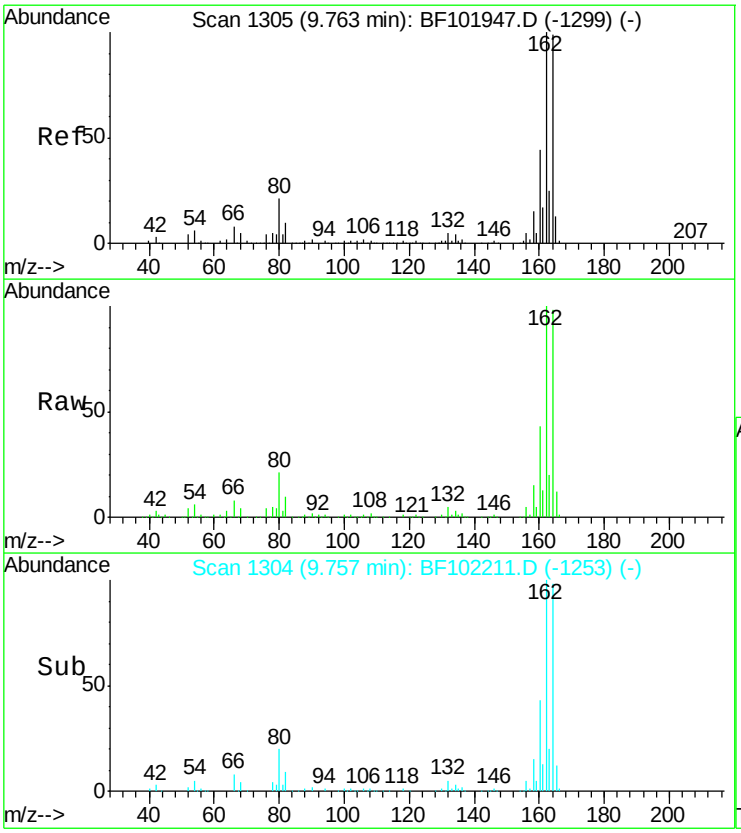
#37
2-Methylnaphthalene
Concen: 38.520 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 897019

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	31.5	26.1	39.1

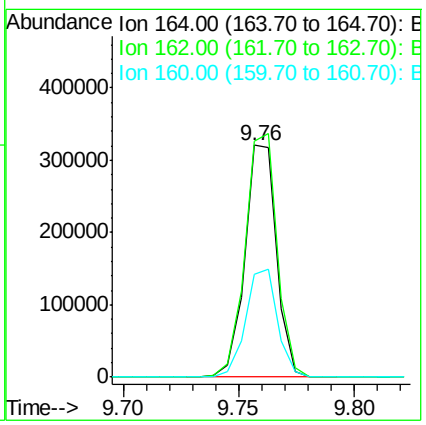


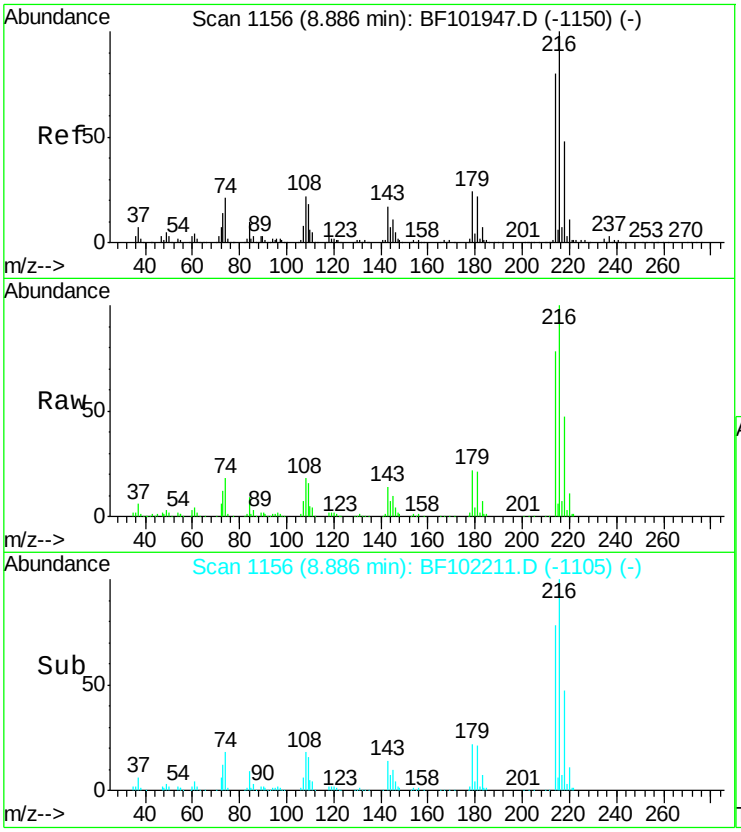


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:164 Resp: 307670

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.2	38.3	57.5



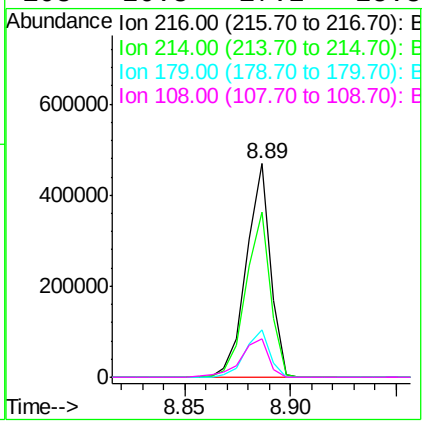


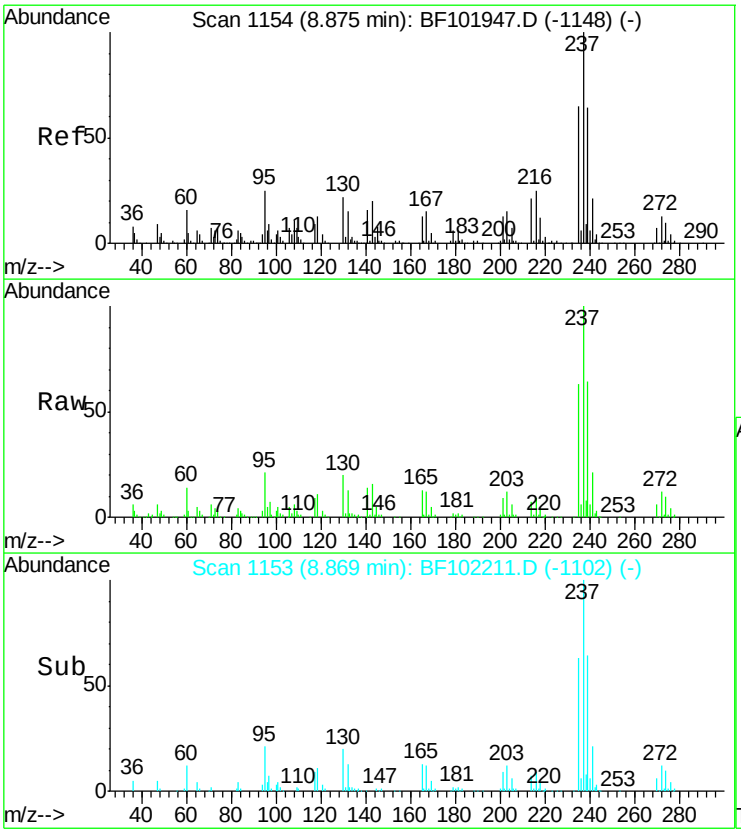
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.838 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:216 Resp: 372876

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.4	18.1	27.1
108	20.8	17.2	25.8

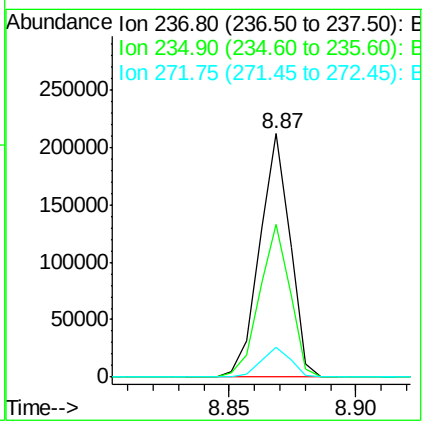


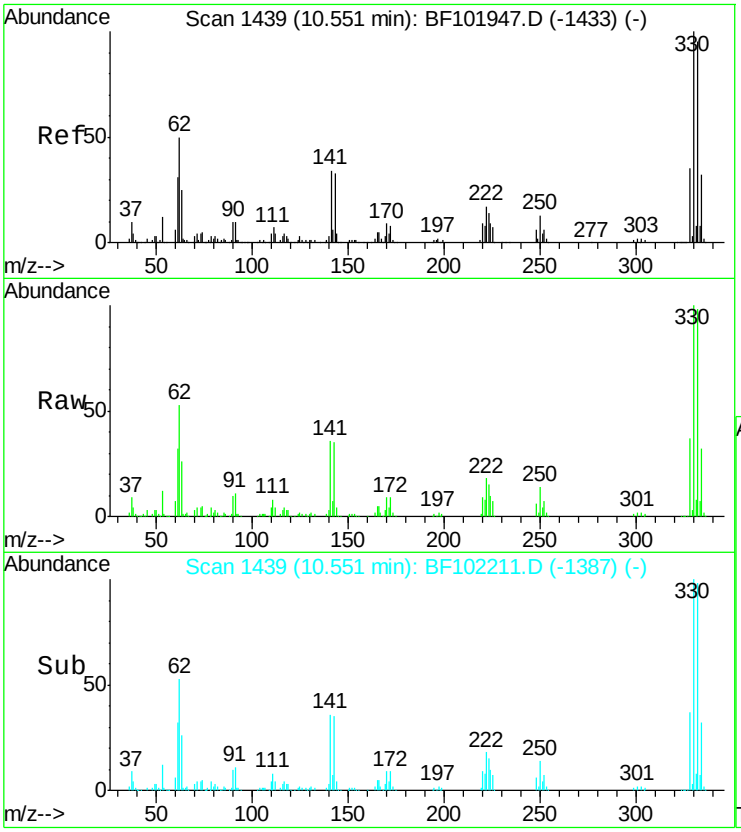


#40
Hexachlorocyclopentadiene
Concen: 37.316 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:237 Resp: 177634

Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	12.1	0.0	33.3



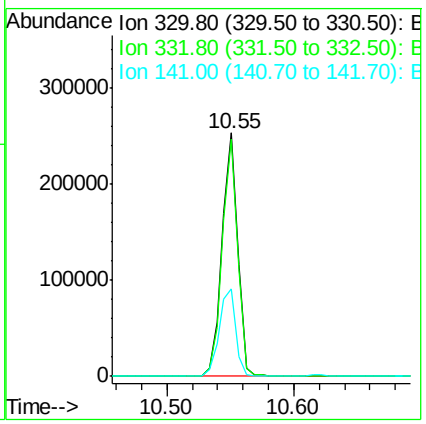


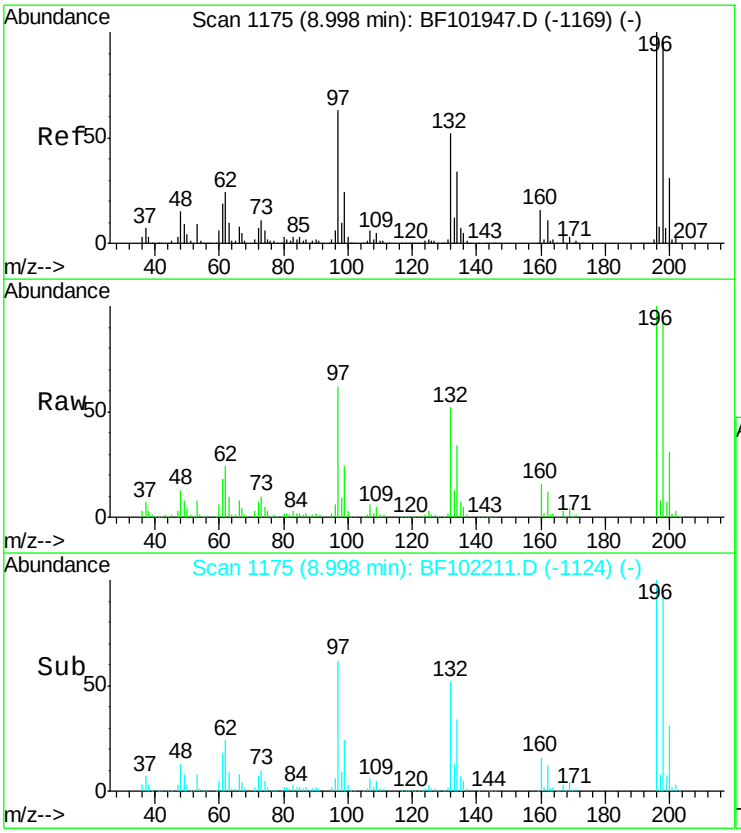
#41
2,4,6-Tribromophenol
Concen: 81.620 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:330 Resp: 219150

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.9	29.9	44.9

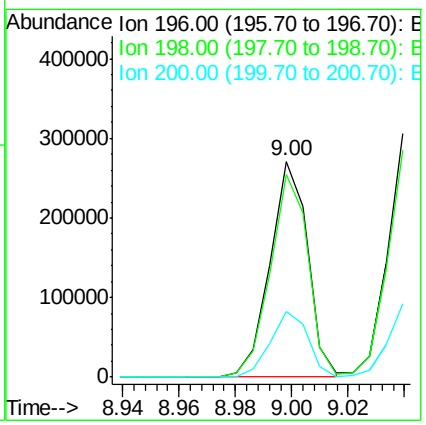


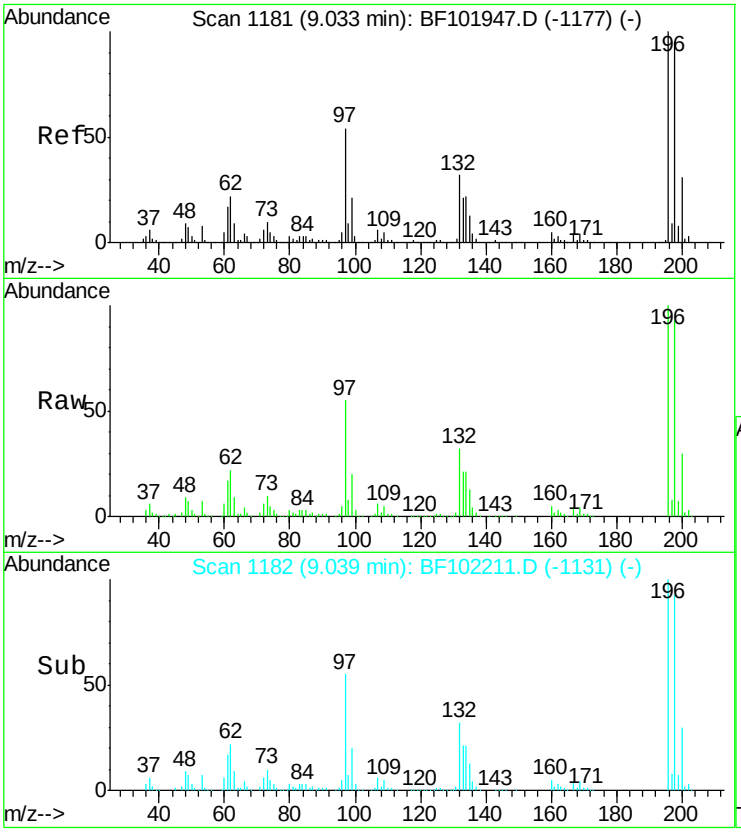


#42
2,4,6-Trichlorophenol
Concen: 41.765 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:196 Resp: 250512

Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	30.6	24.5	36.7



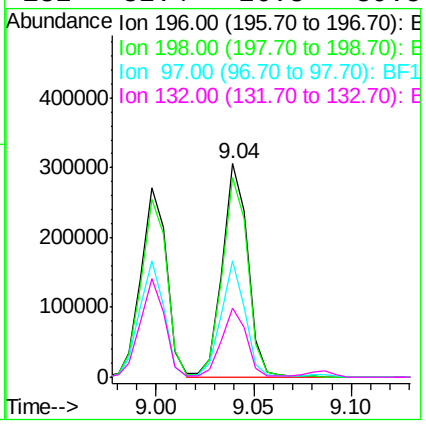


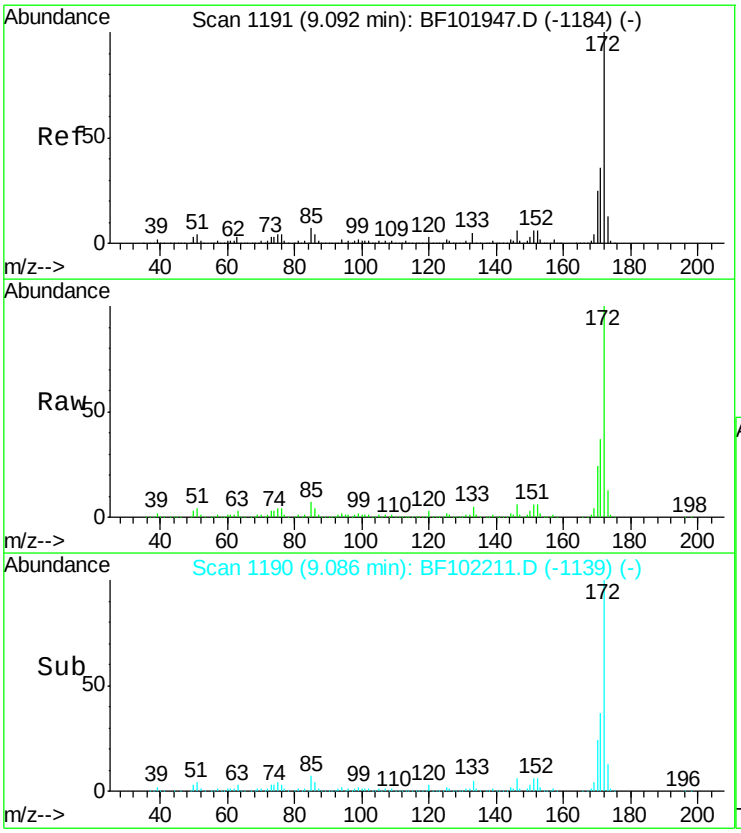
#43
2,4,5-Trichlorophenol
Concen: 40.743 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 276209

Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	54.6	42.9	64.3
132	32.4	26.3	39.5

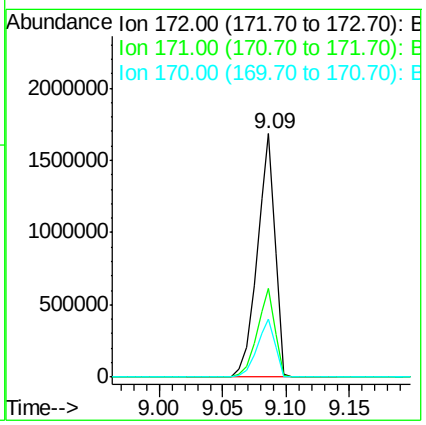


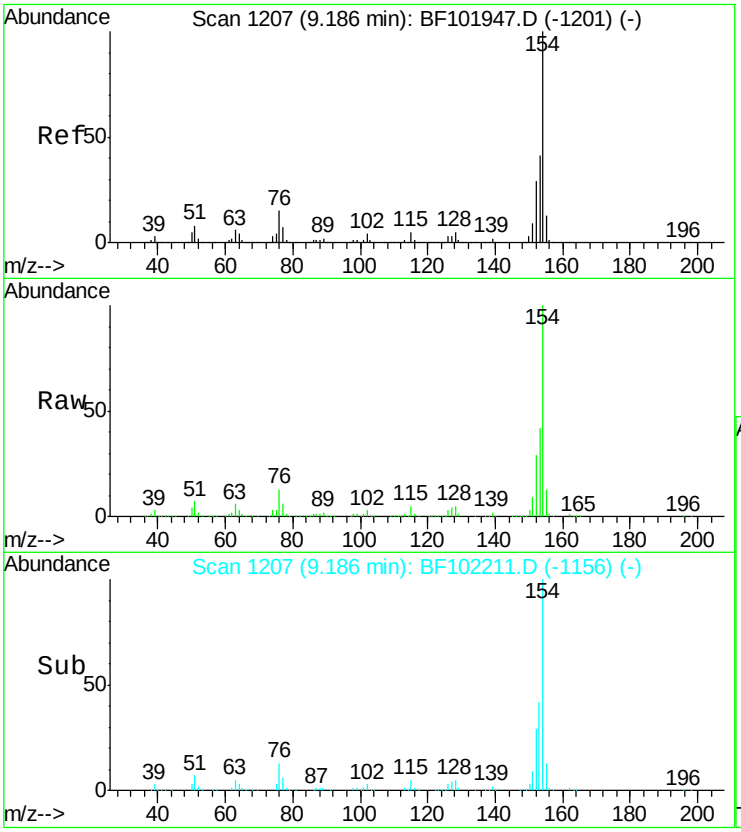


#44
2-Fluorobiphenyl
Concen: 84.369 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:172 Resp: 1661544

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.9	19.6	29.4



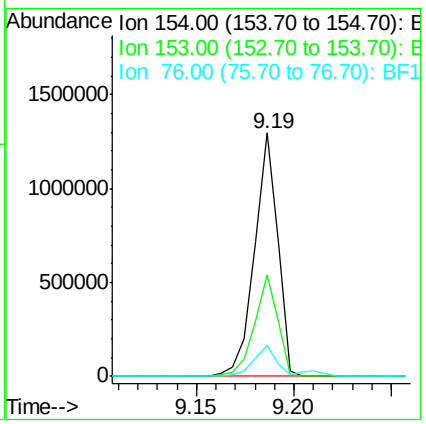


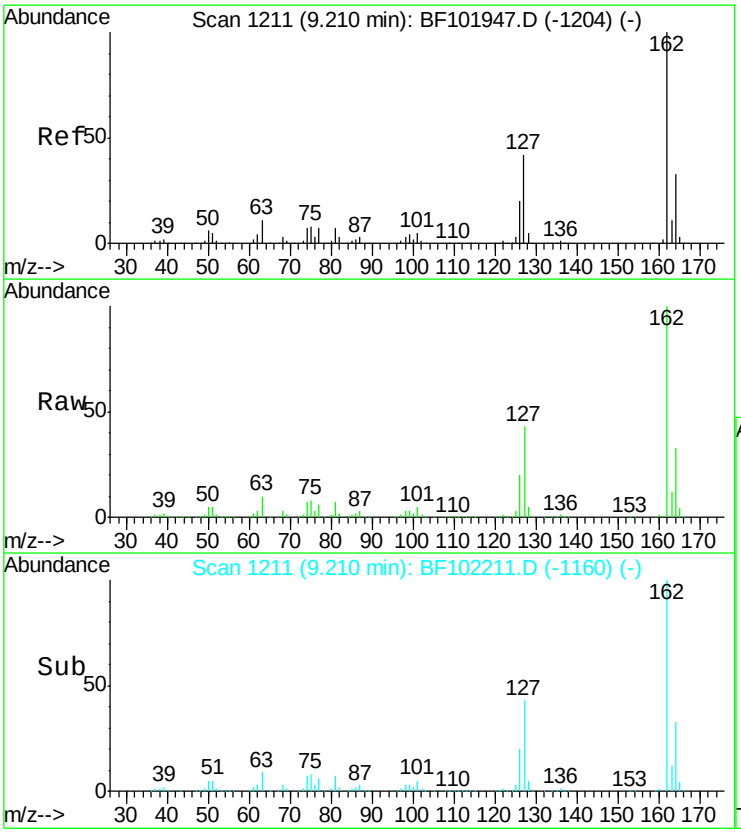
#45
1,1'-Biphenyl
Concen: 39.227 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 1066761

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.0	0.0	34.0

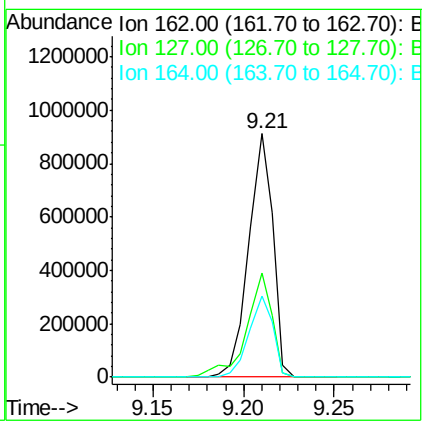


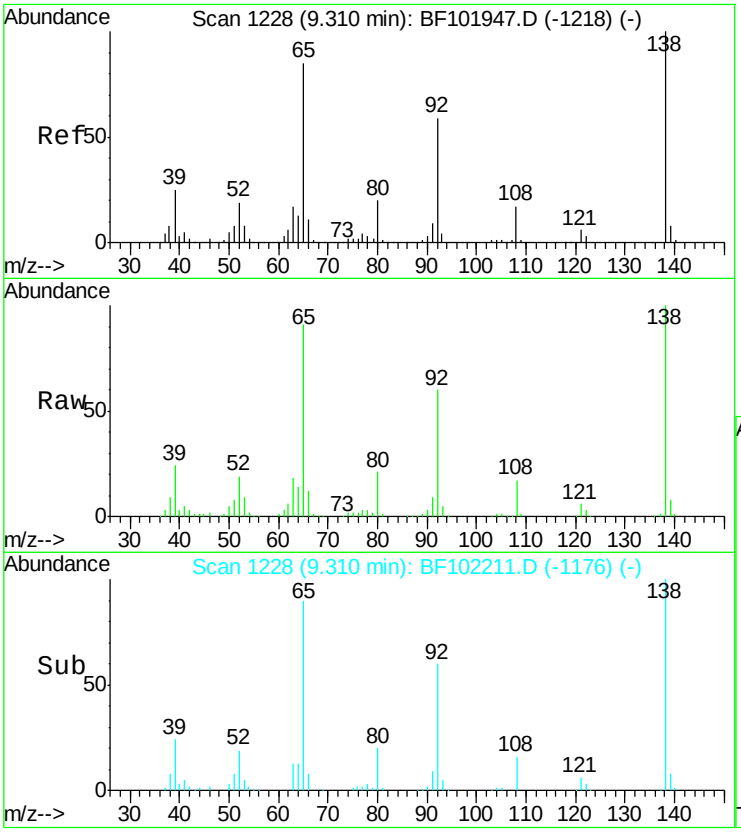


#46
2-Chloronaphthalene
Concen: 40.074 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:162 Resp: 845089

Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	33.0	26.5	39.7



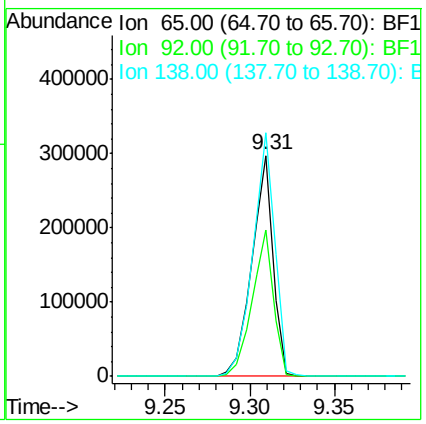


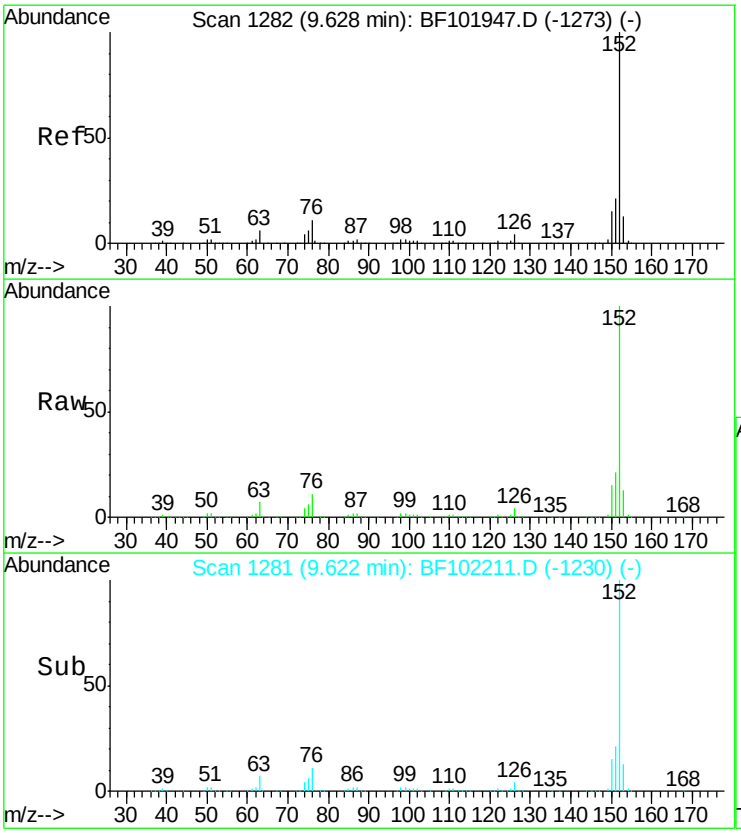
#47
2-Nitroaniline
Concen: 41.647 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 263080

Ion	Ratio	Lower	Upper
65	100		
92	66.4	55.8	83.6
138	110.3	91.2	136.8

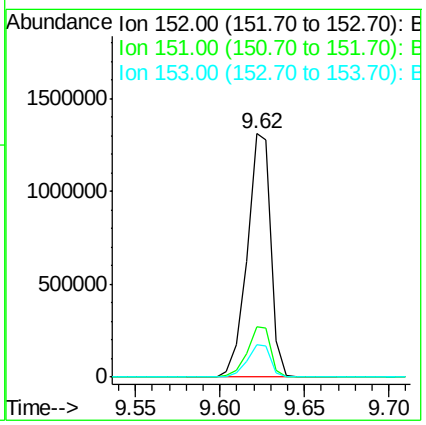


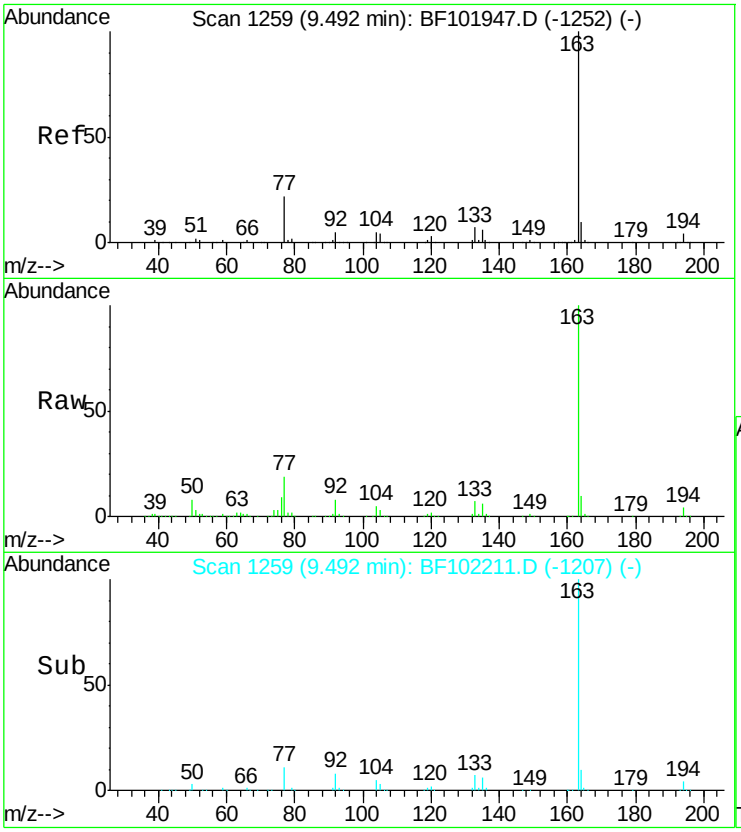


#48
Acenaphthylene
Concen: 38.315 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:152 Resp: 1282300

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.5	10.7	16.1



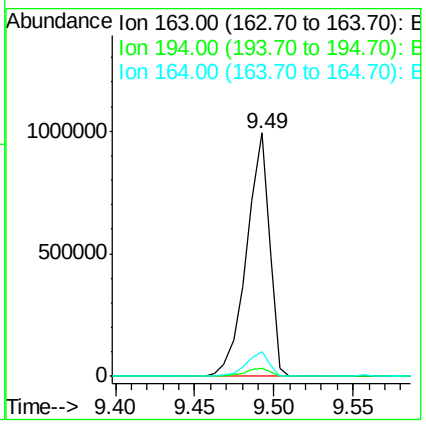


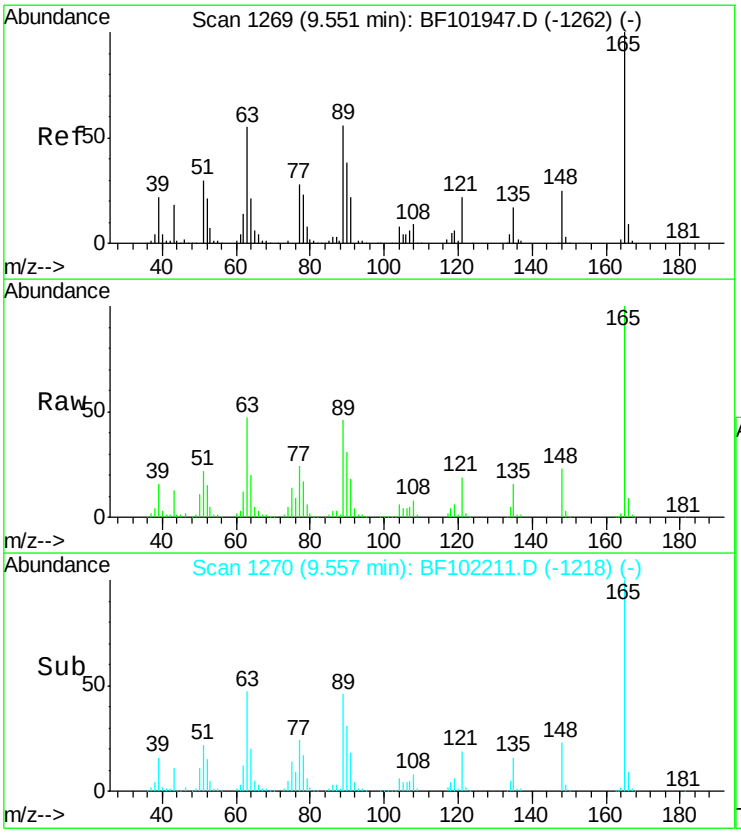
#49
Dimethylphthalate
Concen: 40.086 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 989376

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

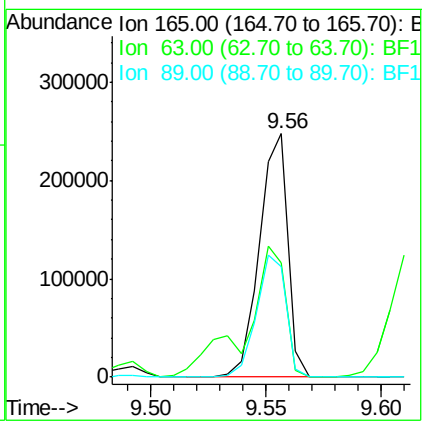


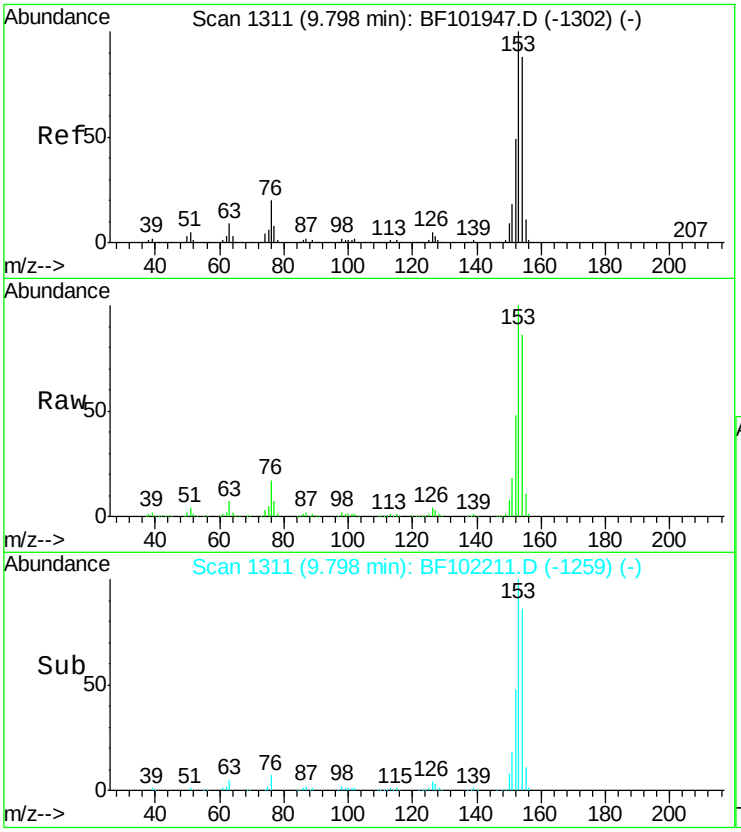


#50
2,6-Dinitrotoluene
Concen: 43.089 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:165 Resp: 212437

Ion	Ratio	Lower	Upper
165	100		
63	47.0	44.7	67.1
89	45.5	44.0	66.0



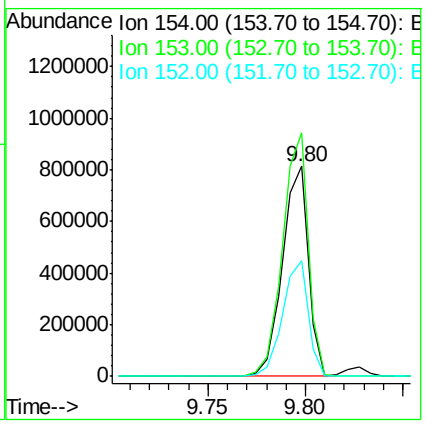


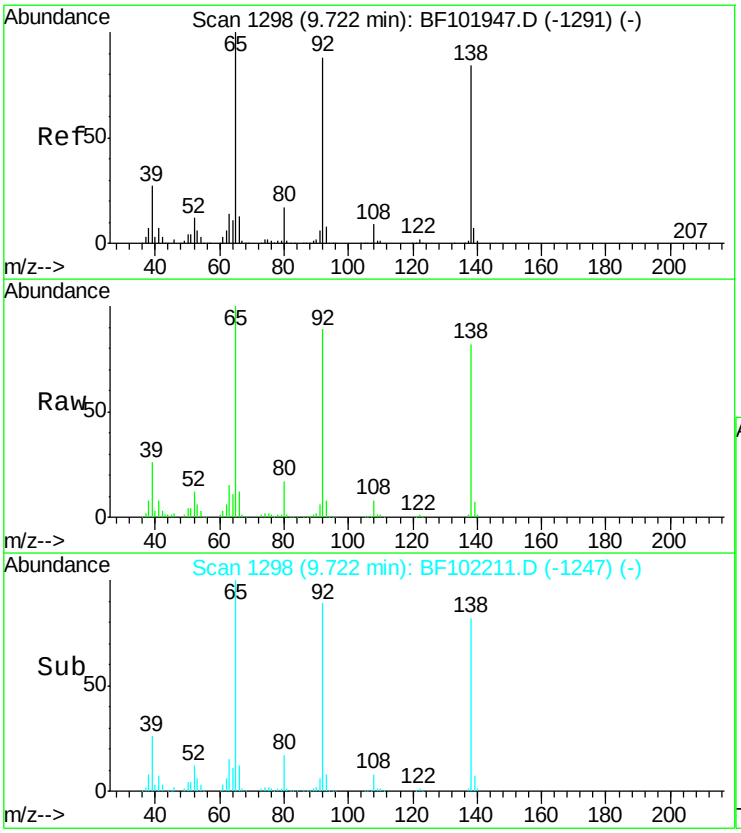
#51
Acenaphthene
Concen: 36.986 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 751293

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.2	136.8
152	55.4	43.8	65.8

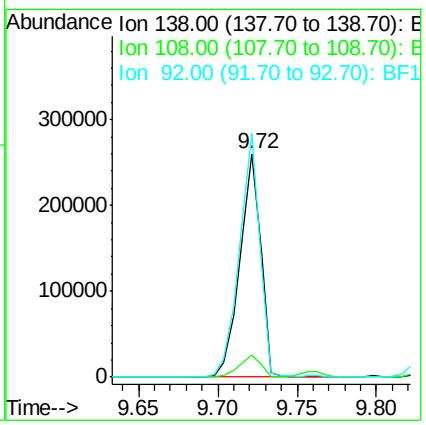


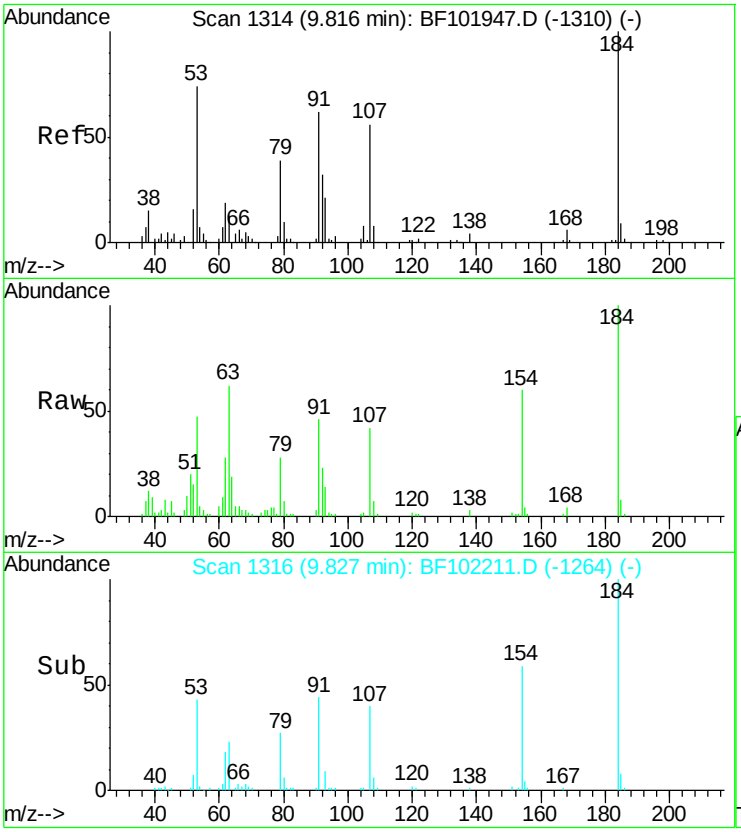


#52
3-Nitroaniline
Concen: 38.012 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:138 Resp: 236515

Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	109.1	89.4	134.2



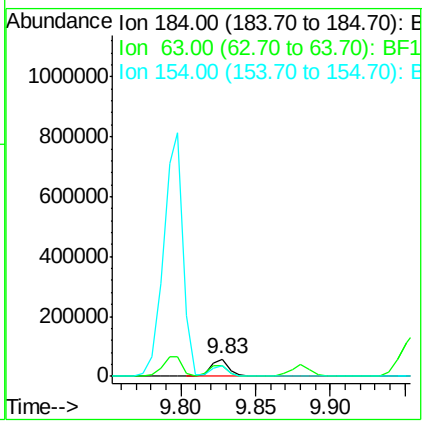


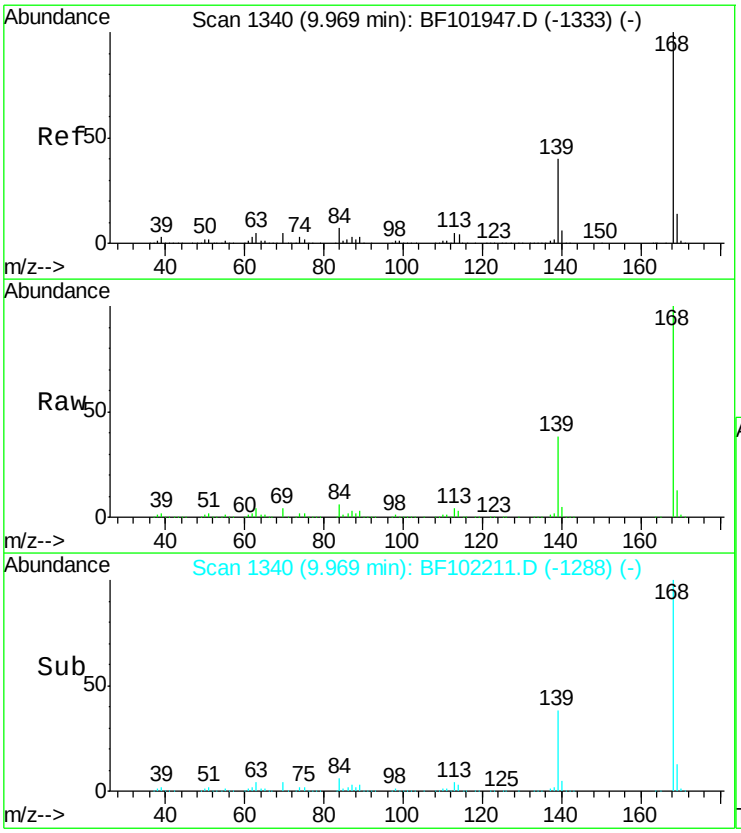
#53
2,4-Dinitrophenol
Concen: 32.433 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 50230

Ion	Ratio	Lower	Upper
184	100		
63	61.6	54.2	81.2
154	60.0	184.0	276.0#

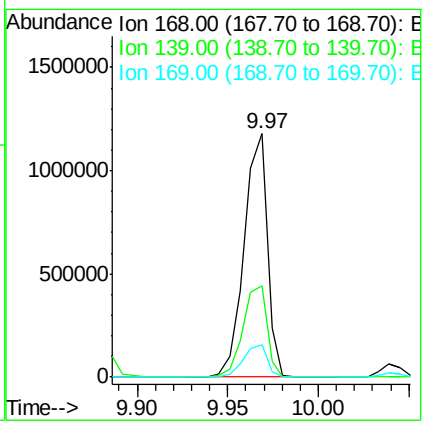


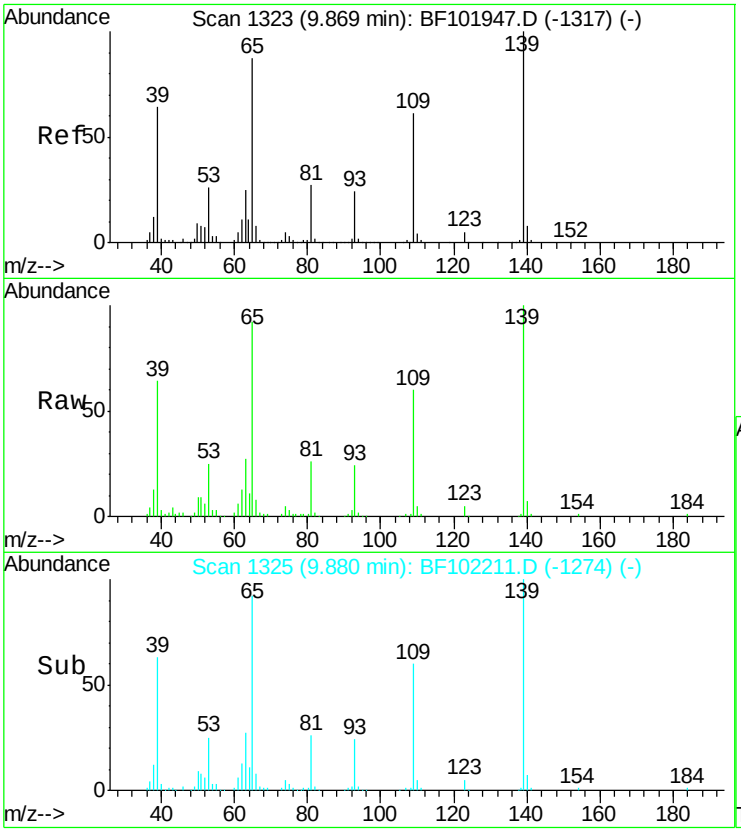


#54
Dibenzofuran
Concen: 37.670 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:168 Resp: 1050178

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.4	10.9	16.3



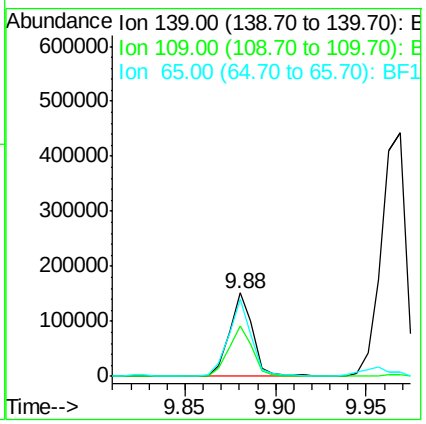


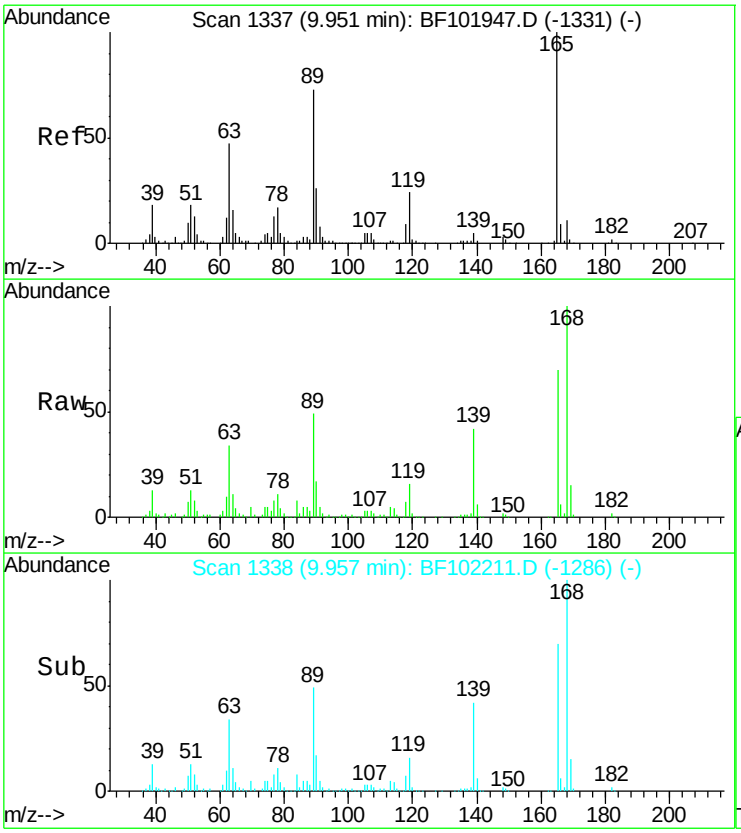
#55
4-Nitrophenol
Concen: 29.717 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 137797

Ion	Ratio	Lower	Upper
139	100		
109	59.6	48.4	88.4
65	91.8	72.6	112.6

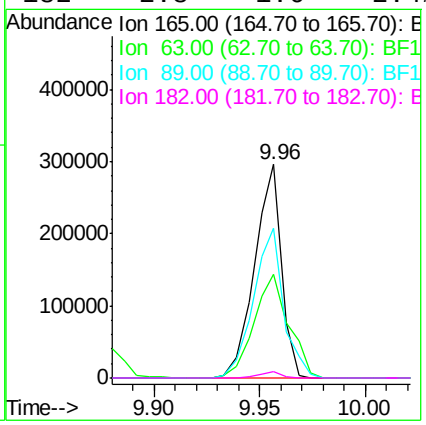


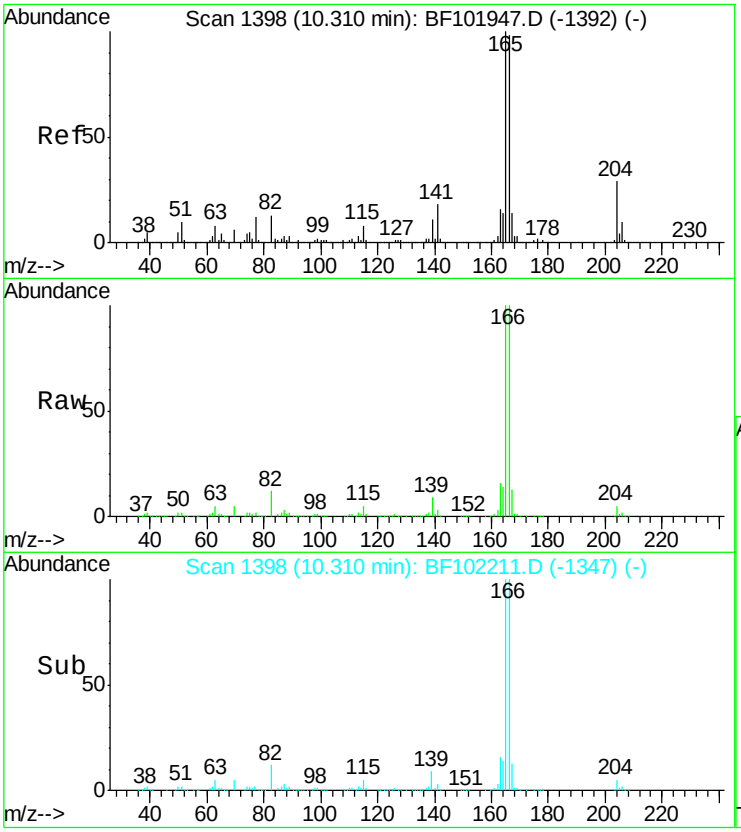


#56
2,4-Dinitrotoluene
Concen: 42.385 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:165 Resp: 261914

Ion	Ratio	Lower	Upper
165	100		
63	48.3	36.4	54.6
89	69.9	57.8	86.6
182	2.8	1.6	2.4#



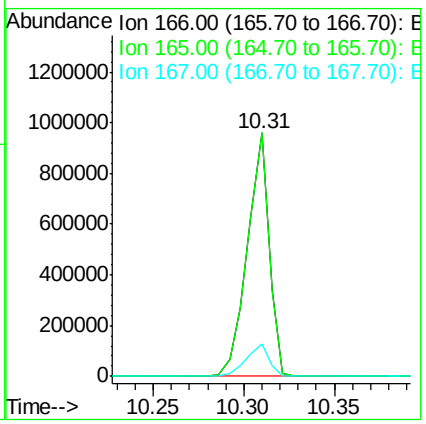


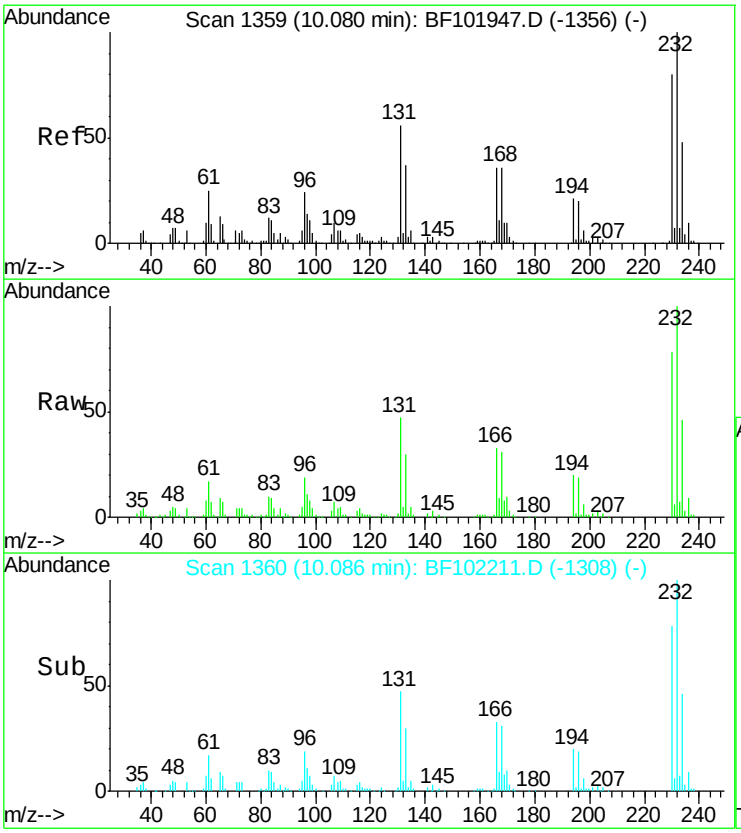
#57
Fluorene
Concen: 41.827 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:166 Resp: 806089

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.2	10.6	16.0

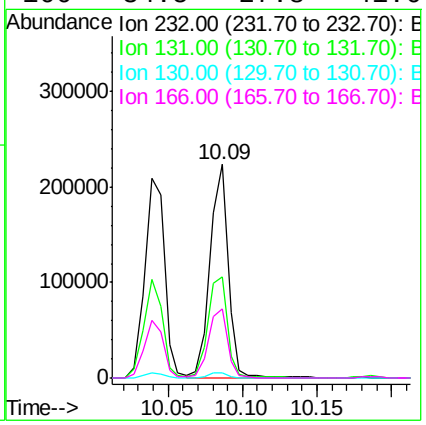


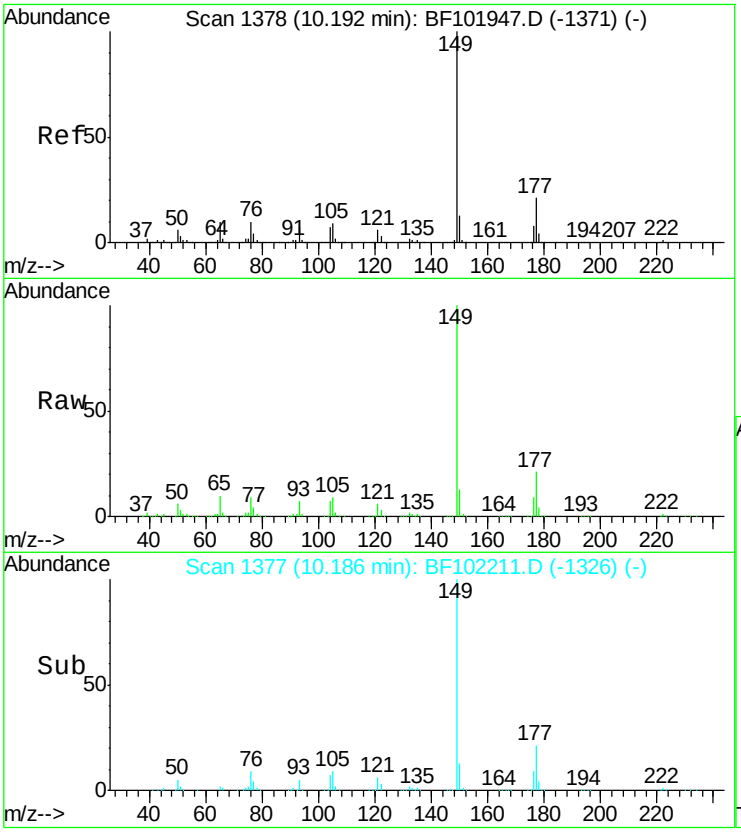


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.928 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:232 Resp: 187884

Ion	Ratio	Lower	Upper
232	100		
131	50.9	43.8	65.8
130	2.5	2.1	3.1
166	34.5	27.8	41.6



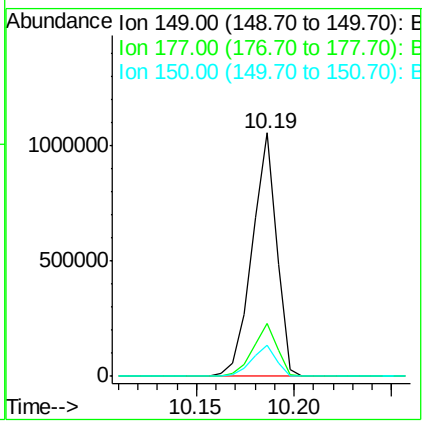


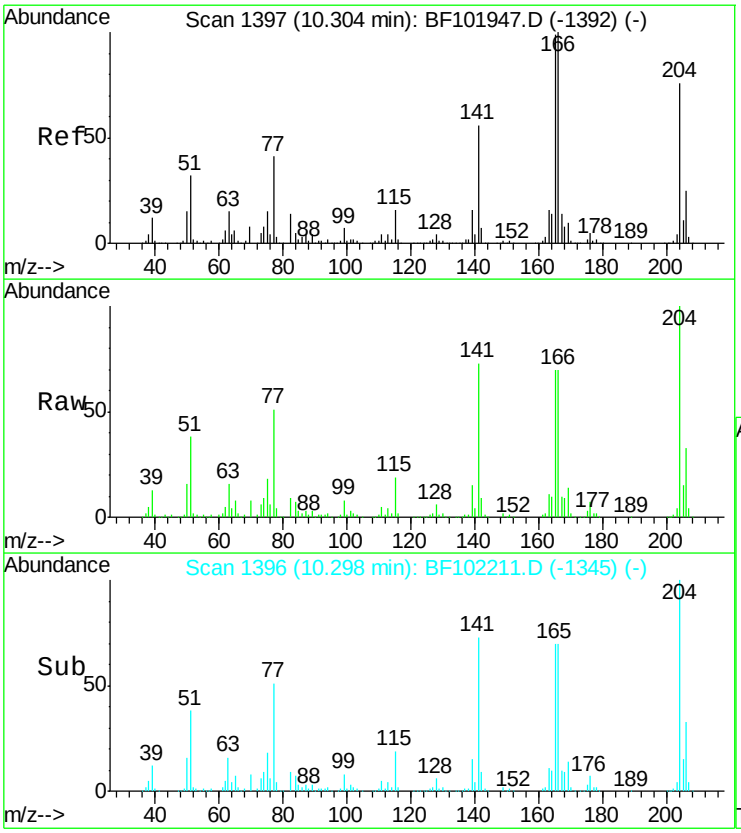
#59
Diethylphthalate
Concen: 37.336 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 916641

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	10.1	15.1

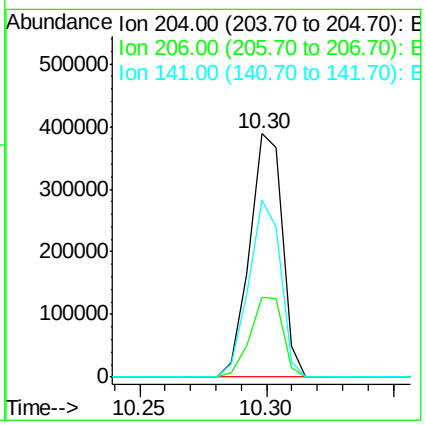


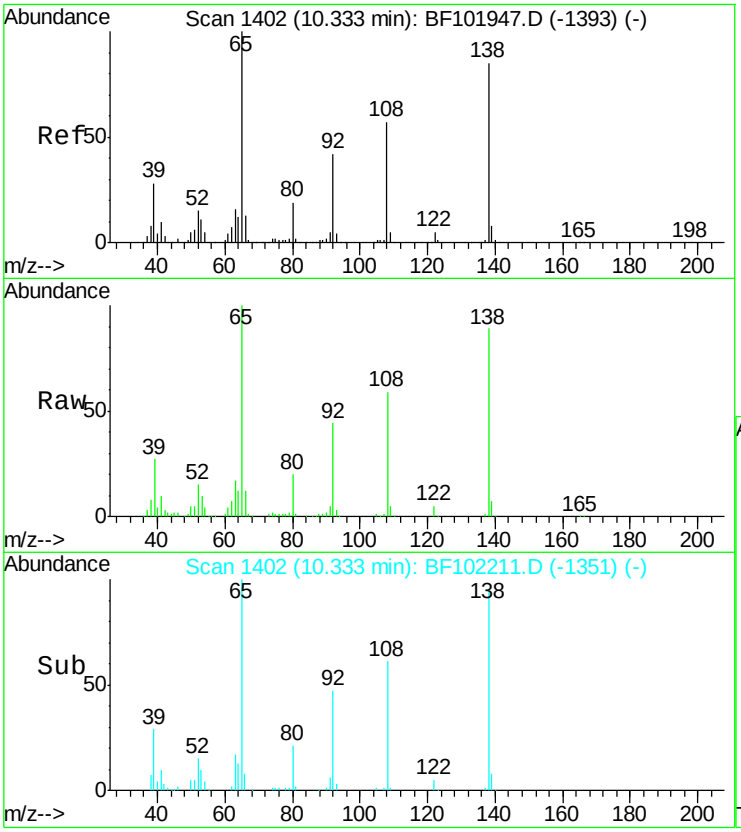


#60
4-Chlorophenyl-phenylether
Concen: 42.823 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:204 Resp: 351422

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	72.6	54.6	81.8



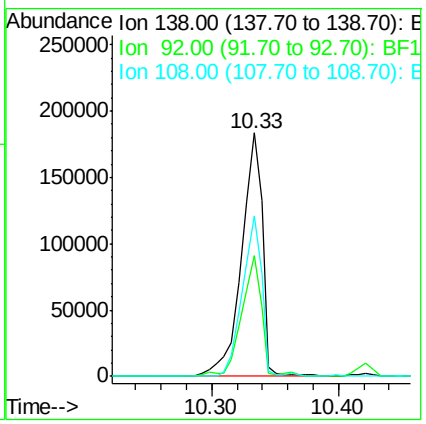


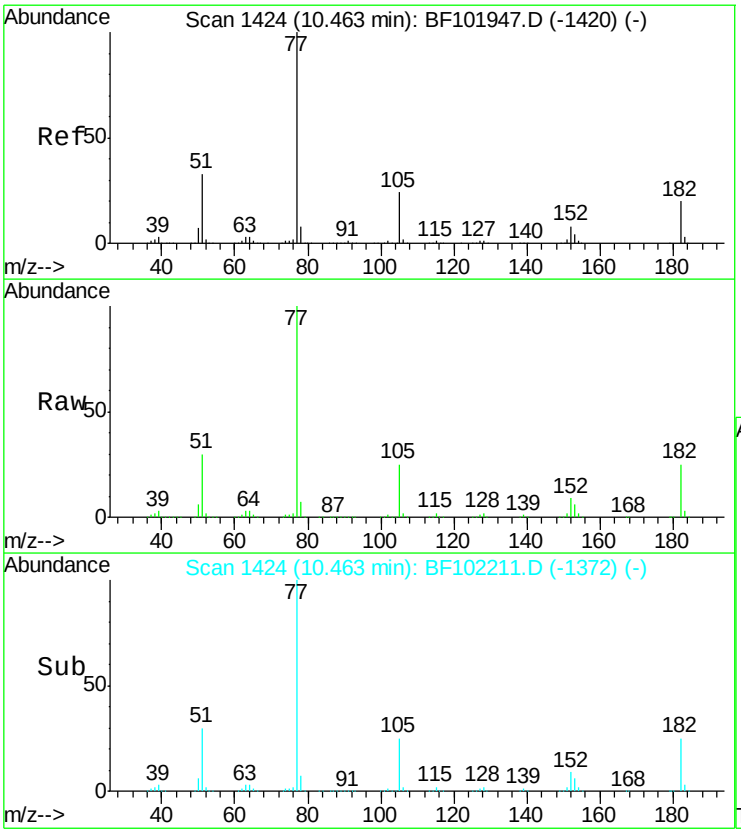
#61
4-Nitroaniline
Concen: 35.488 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 209561

Ion	Ratio	Lower	Upper
138	100		
92	49.6	30.2	70.2
108	65.9	52.5	92.5

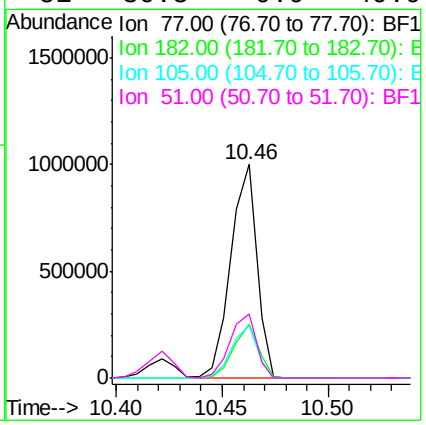


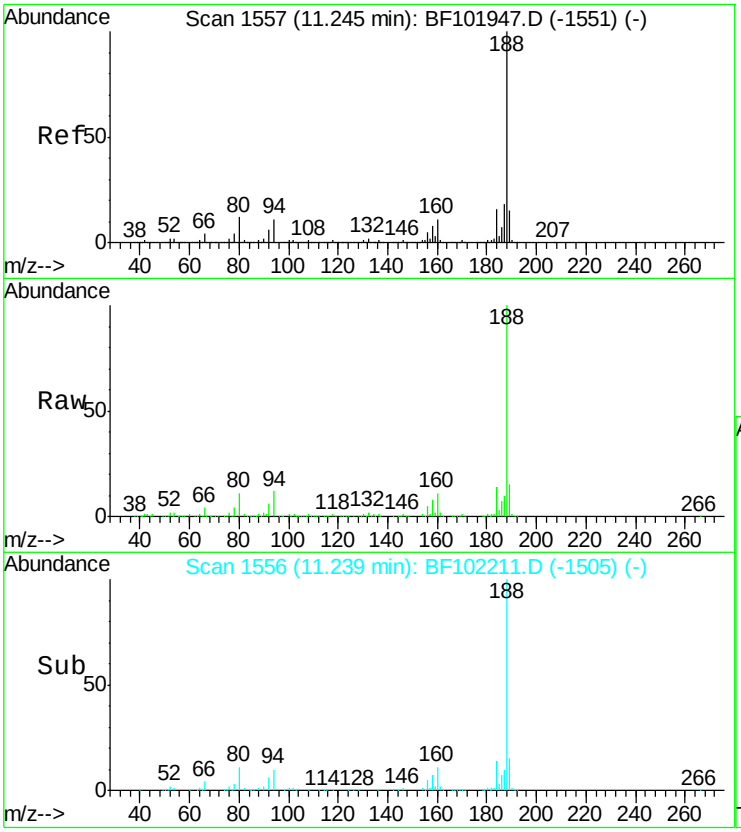


#62
Azobenzene
Concen: 34.926 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion: 77 Resp: 853141

Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	24.6	3.0	43.0
51	30.3	9.9	49.9



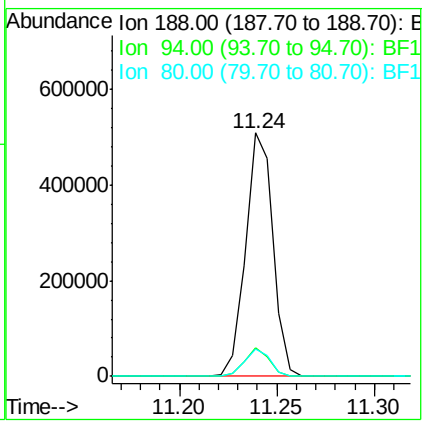


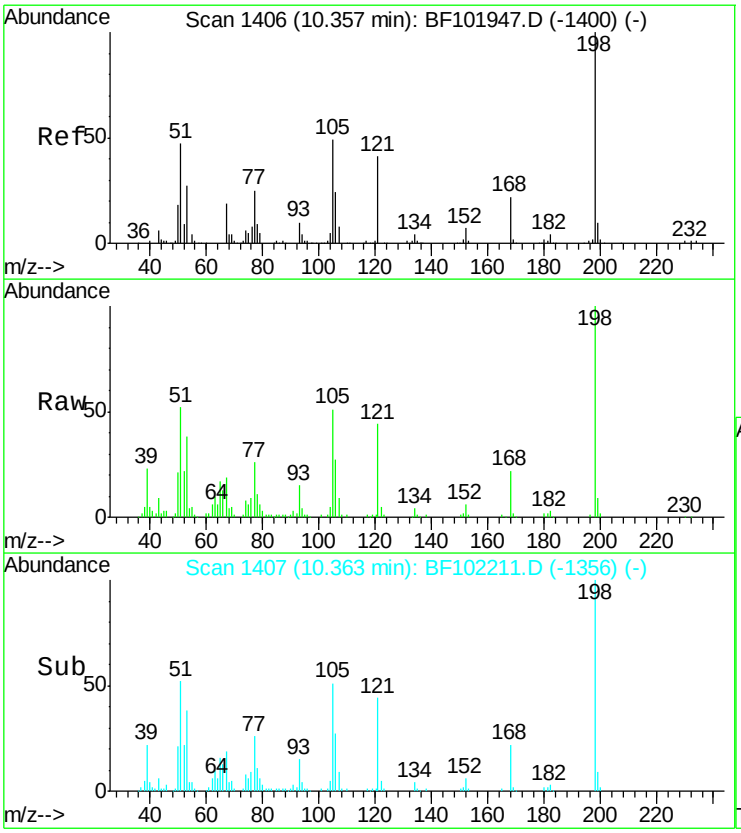
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 490005

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	11.4	9.2	13.8

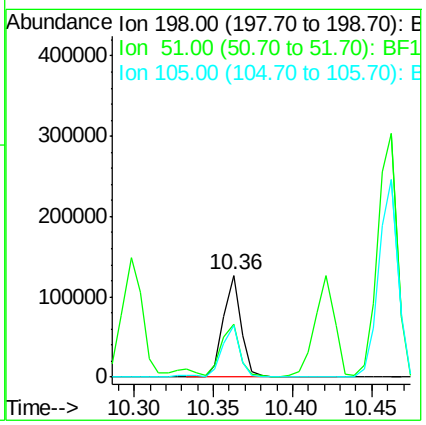


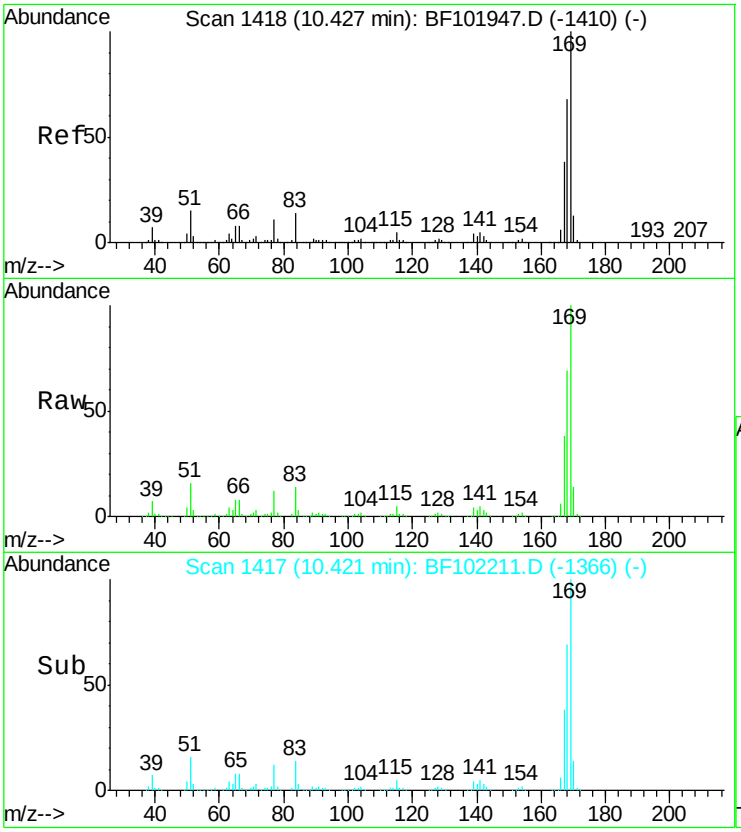


#64
4,6-Dinitro-2-methylphenol
Concen: 38.868 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:198 Resp: 100187

Ion	Ratio	Lower	Upper
198	100		
51	52.3	37.7	77.7
105	50.7	36.3	76.3



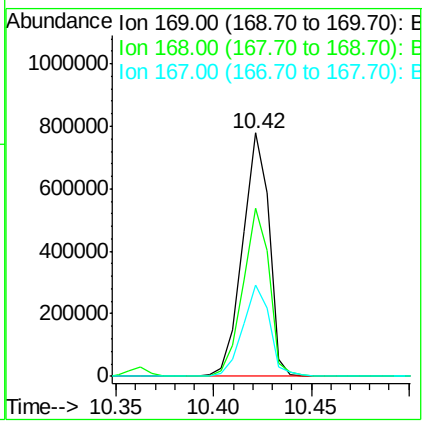


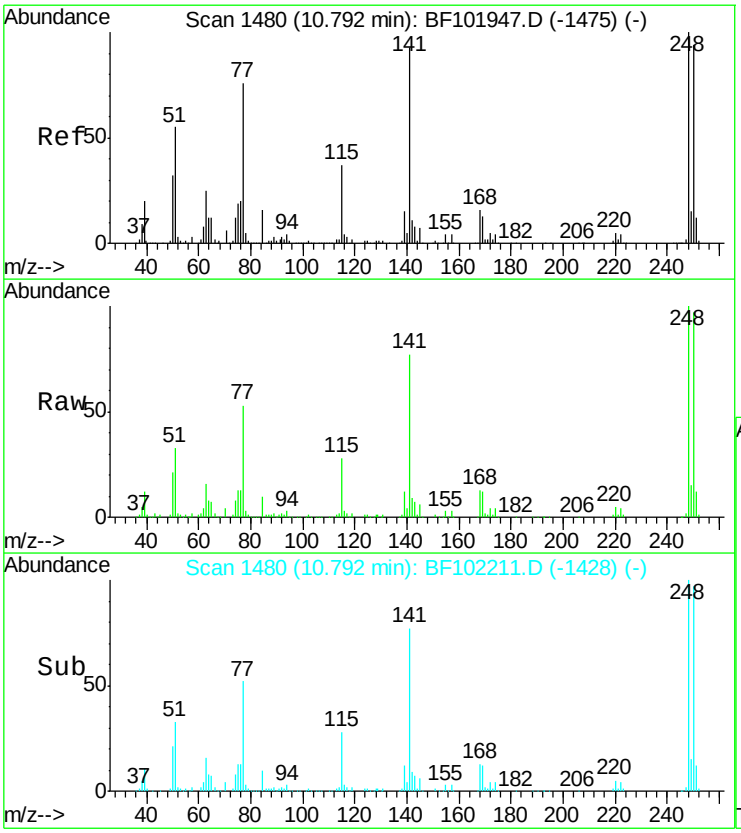
#65
n-Nitrosodiphenylamine
Concen: 39.842 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:169 Resp: 731053

Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.4	81.6
167	37.6	29.8	44.6

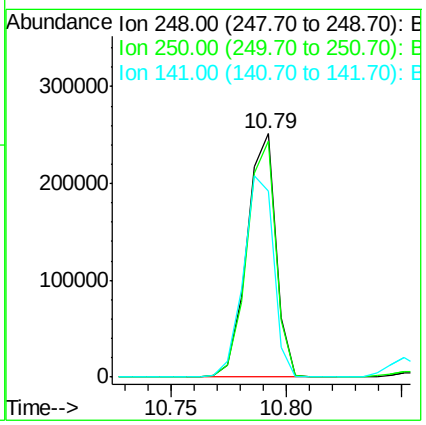


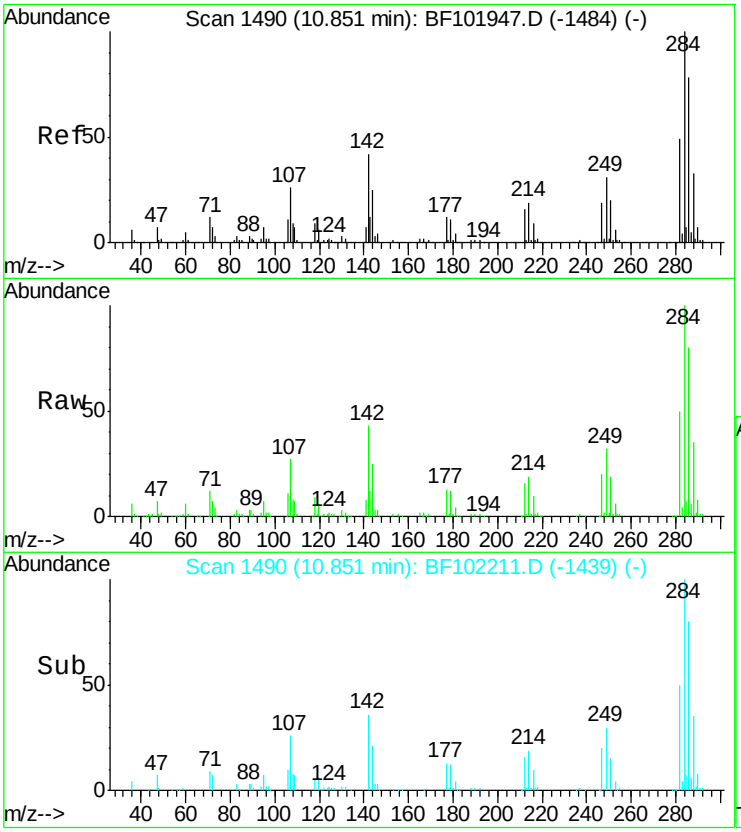


#66
4-Bromophenyl-phenylether
Concen: 42.857 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:248 Resp: 221771

Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	76.6	74.4	111.6



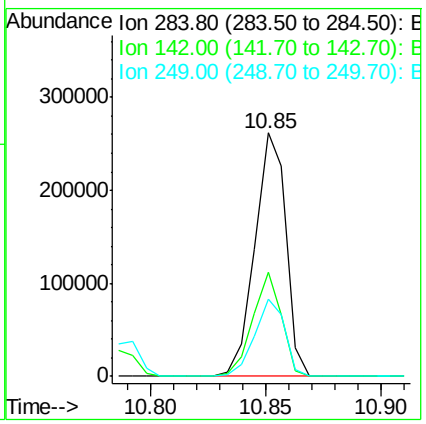


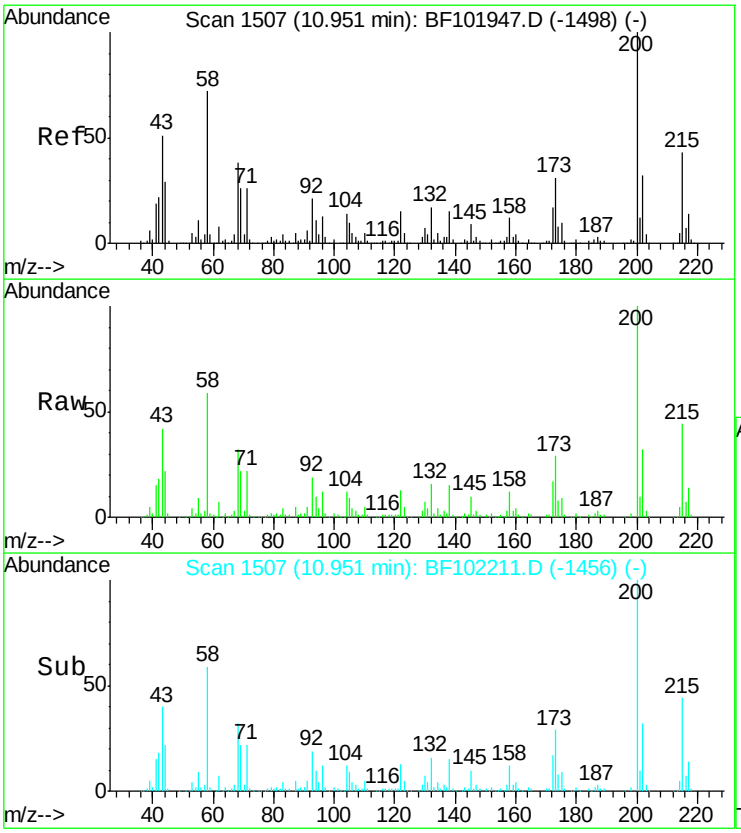
#67
Hexachlorobenzene
Concen: 43.554 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 246045

Ion	Ratio	Lower	Upper
284	100		
142	42.8	34.6	52.0
249	31.7	24.8	37.2

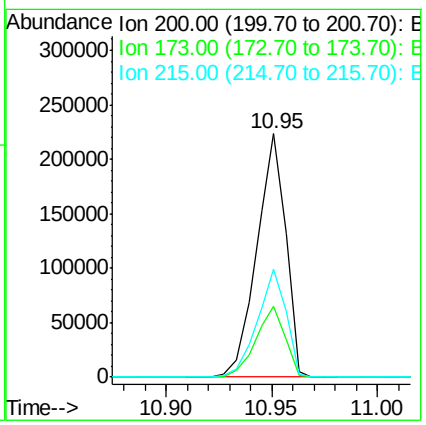


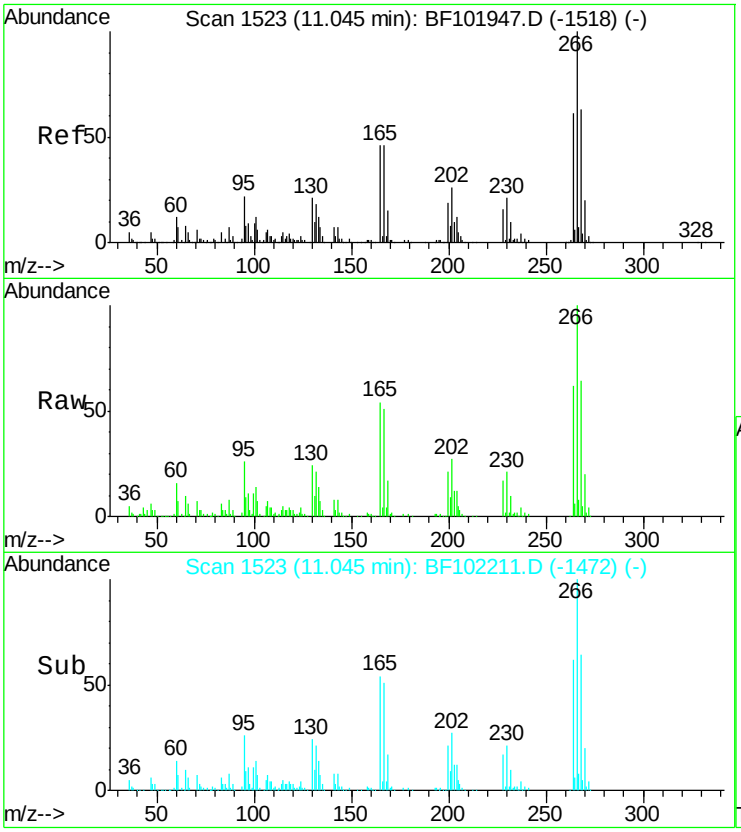


#68
Atrazine
Concen: 39.969 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:200 Resp: 211946

Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	44.3	25.1	65.1



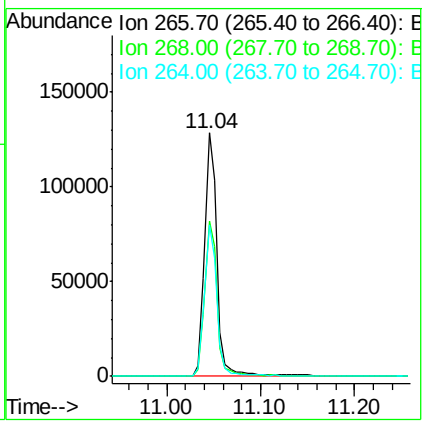


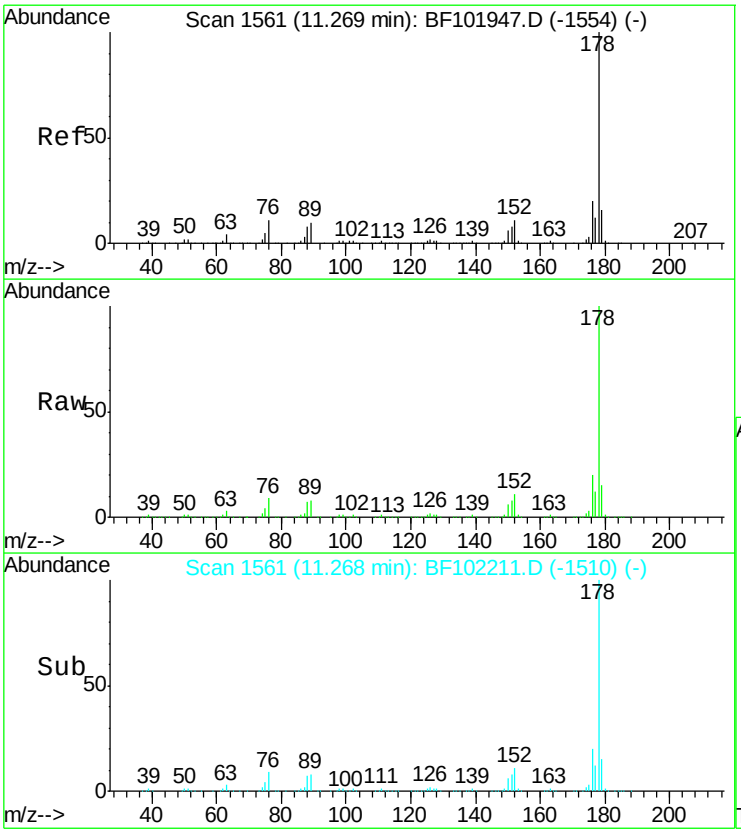
#69
Pentachlorophenol
Concen: 34.857 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:266 Resp: 120075

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	62.1	49.5	74.3

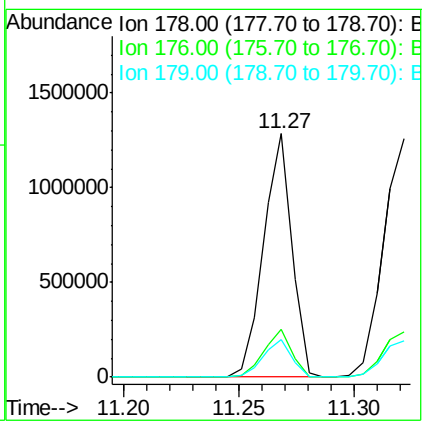


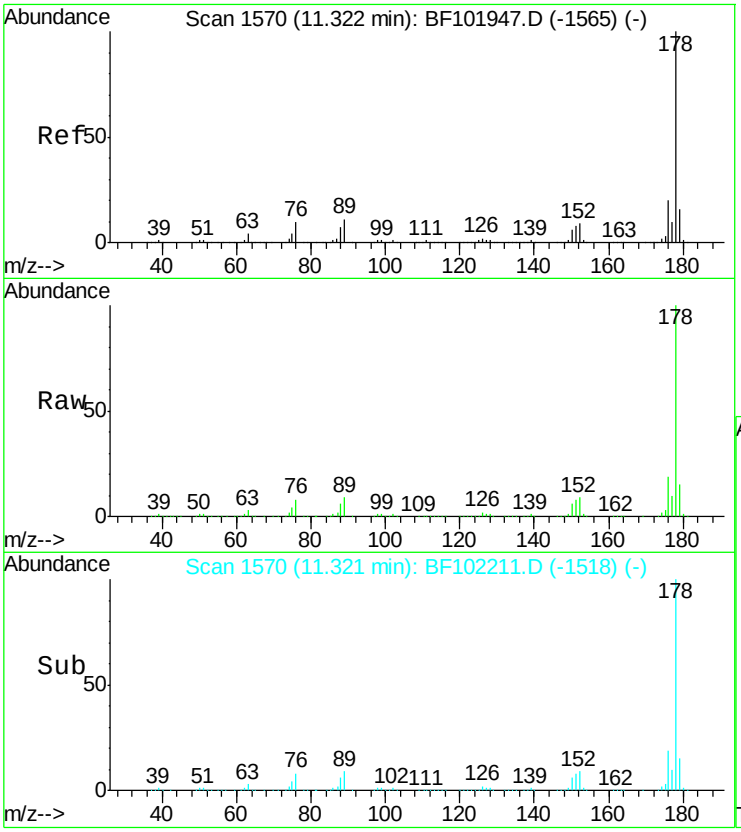


#70
Phenanthrene
Concen: 38.388 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:178 Resp: 1098766

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6



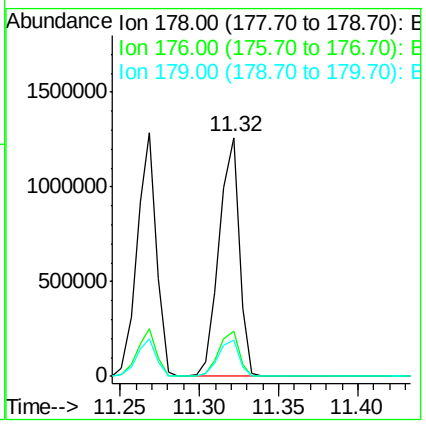


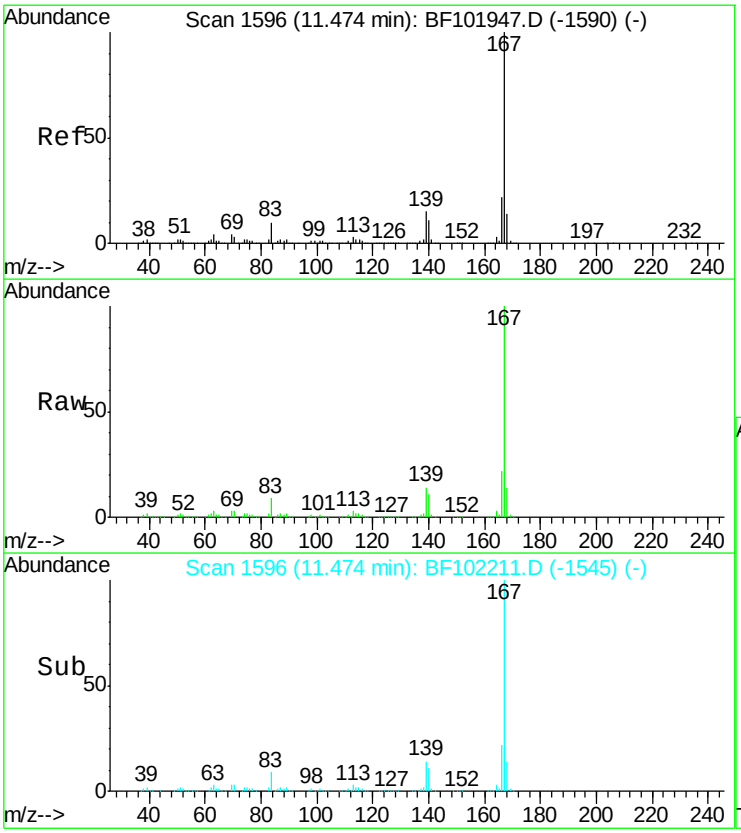
#71
Anthracene
Concen: 38.569 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1119613

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

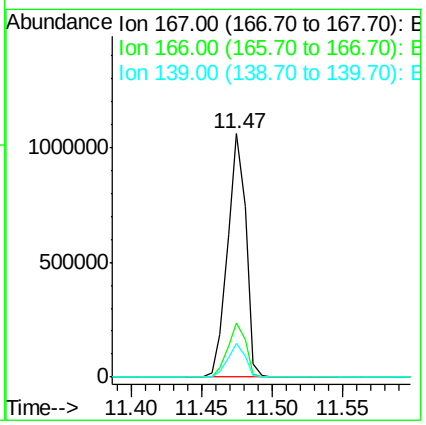


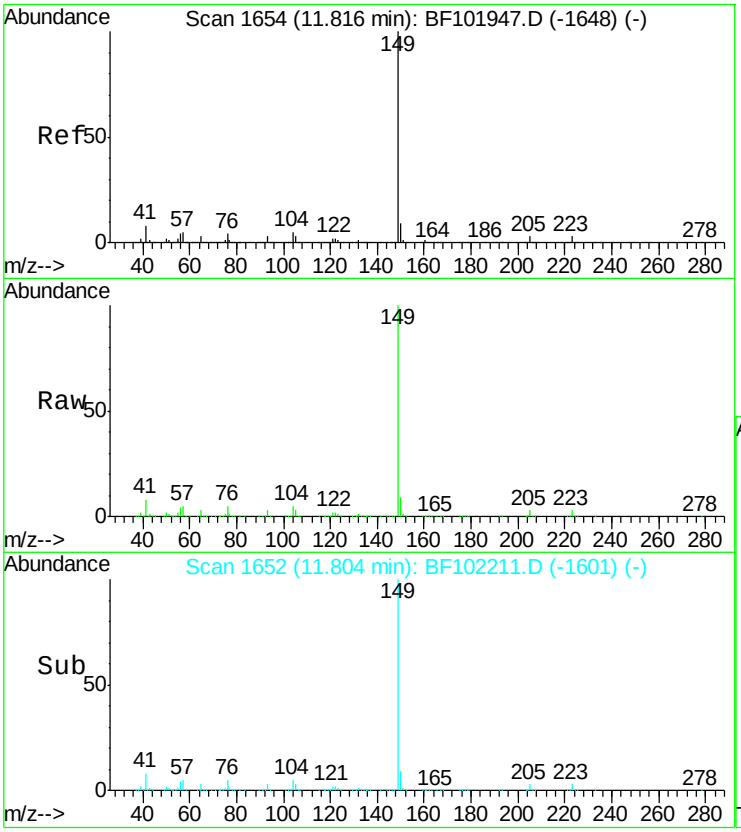


#72
Carbazole
Concen: 33.475 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:167 Resp: 955131

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3



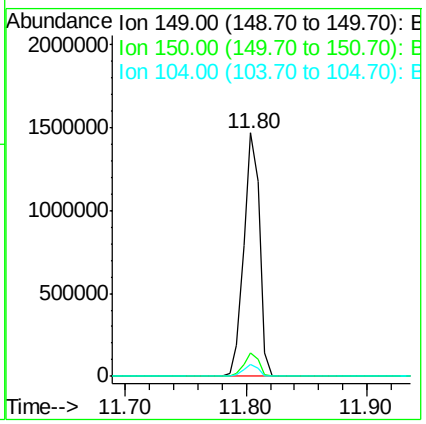


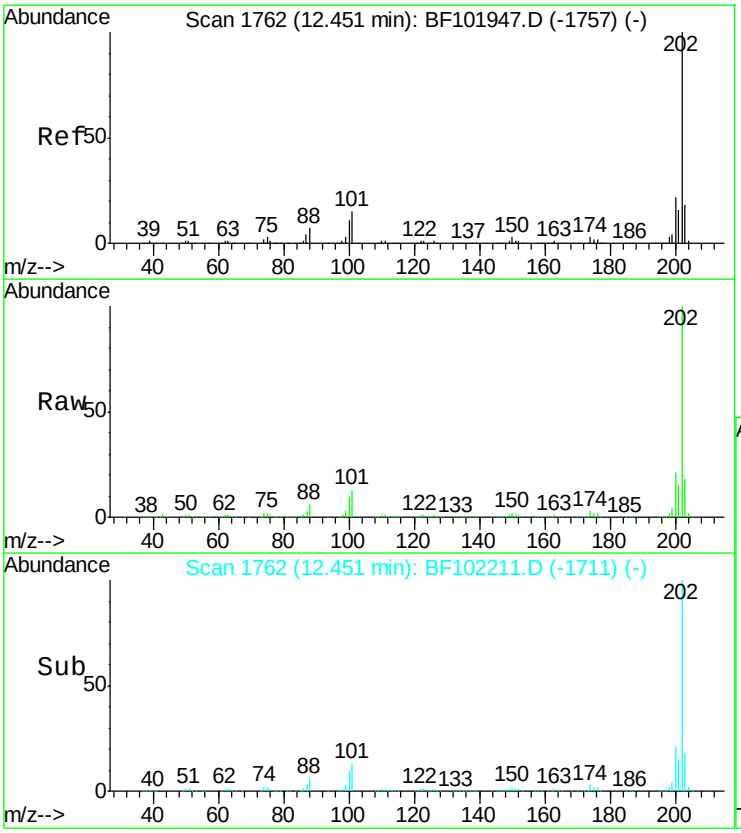
#73
Di-n-butylphthalate
Concen: 38.262 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1339395

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

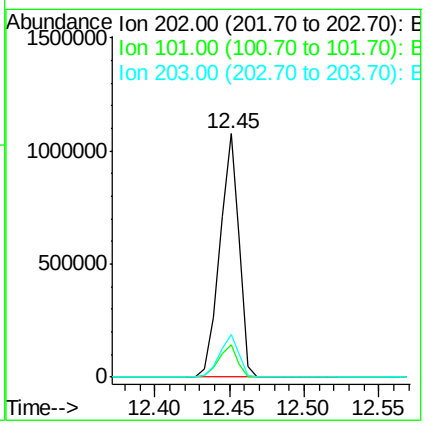


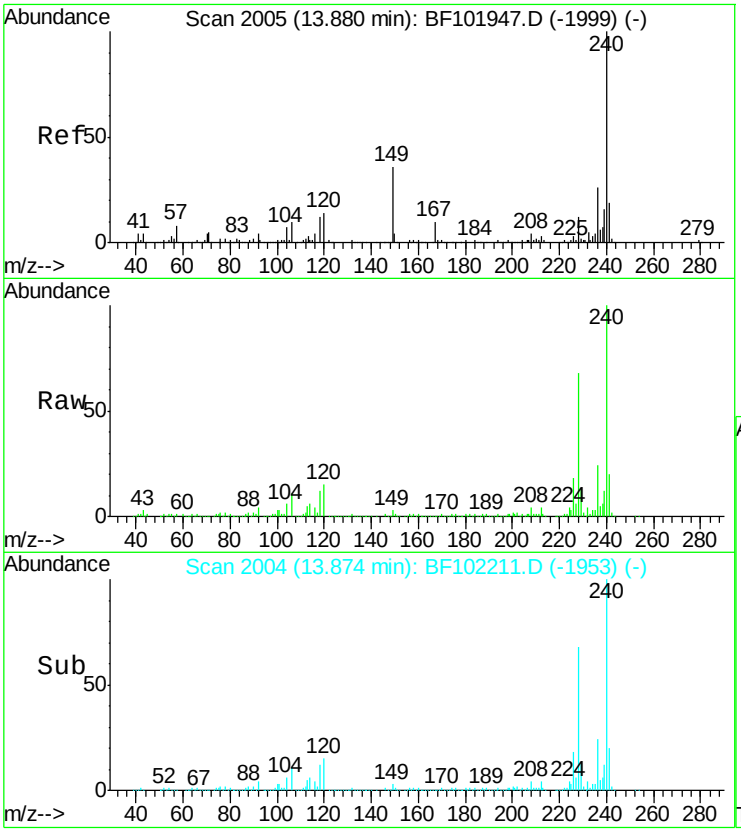


#74
Fluoranthene
Concen: 34.680 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:202 Resp: 976623

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1



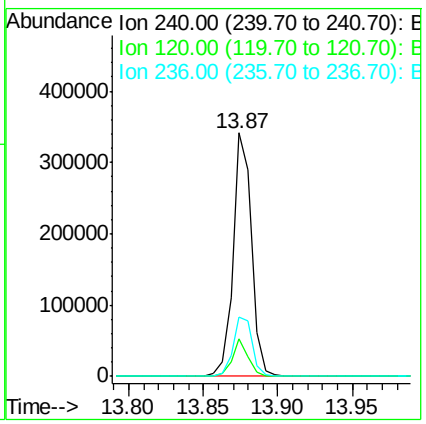


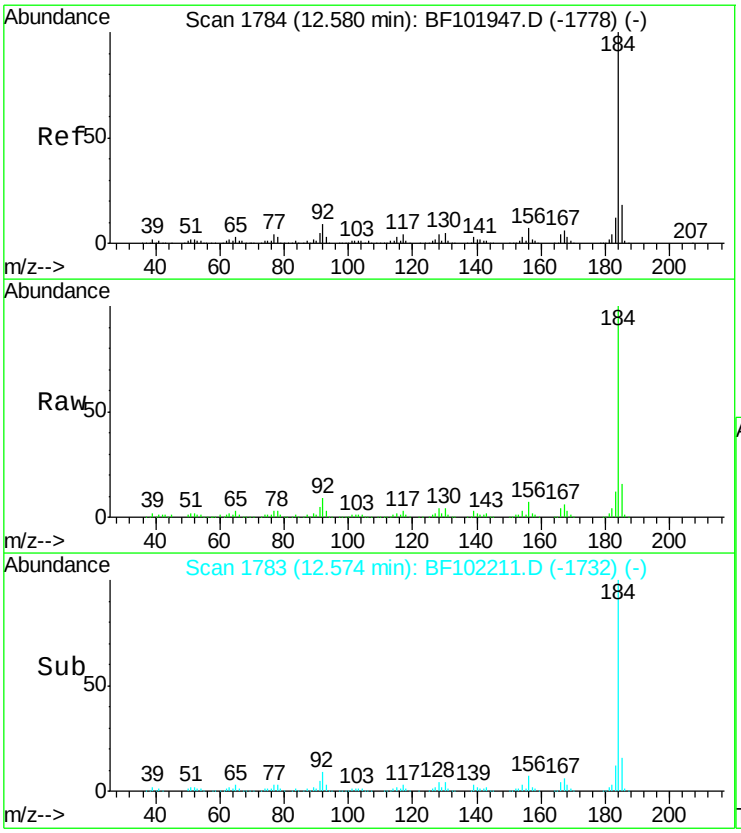
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:240 Resp: 296484

Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3#
236	24.4	20.7	31.1

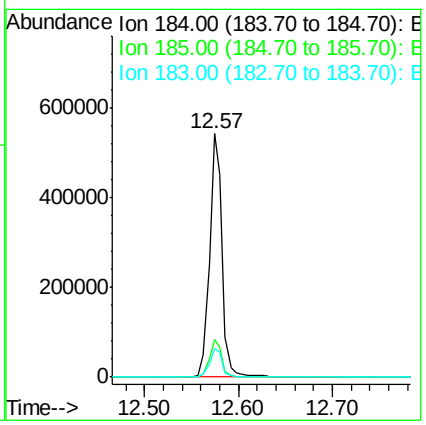


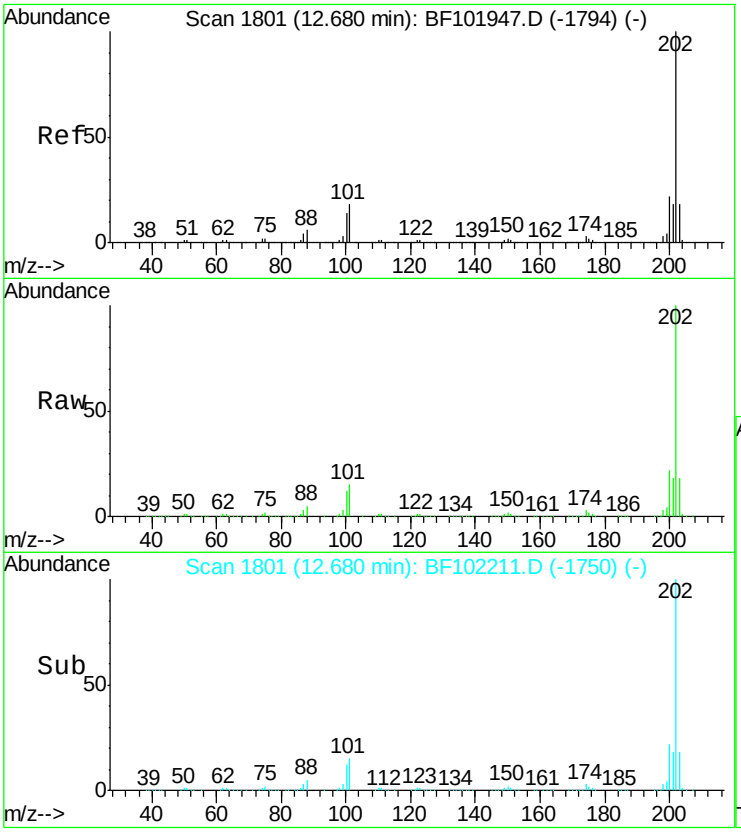


#76
Benzidine
Concen: 35.953 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:184 Resp: 514730

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	11.8	9.3	13.9



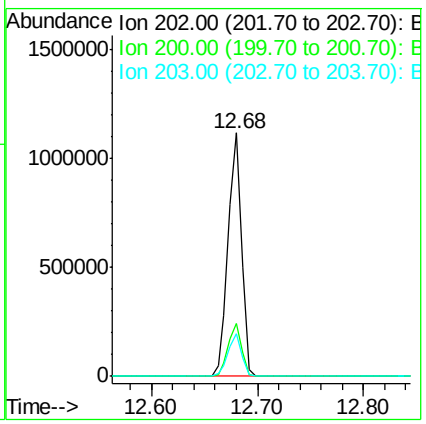


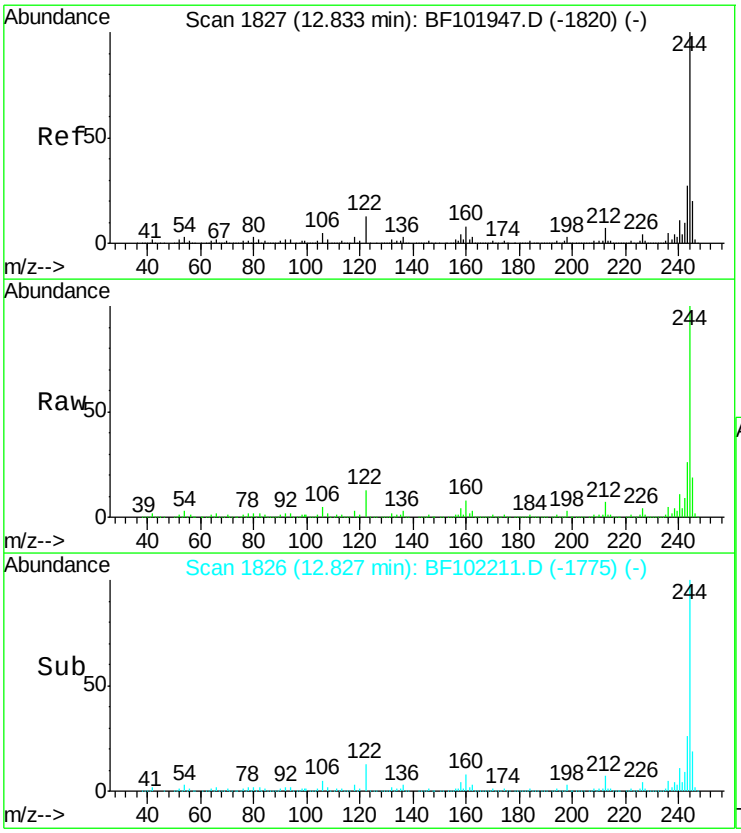
#77
Pyrene
Concen: 37.508 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 982983

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

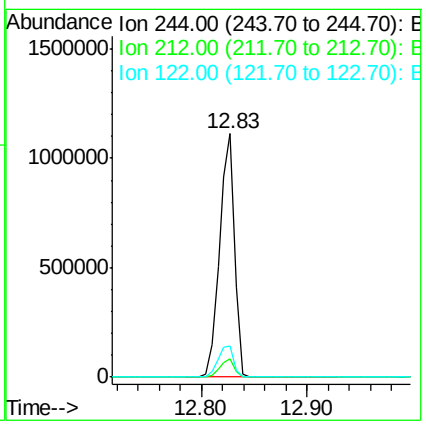


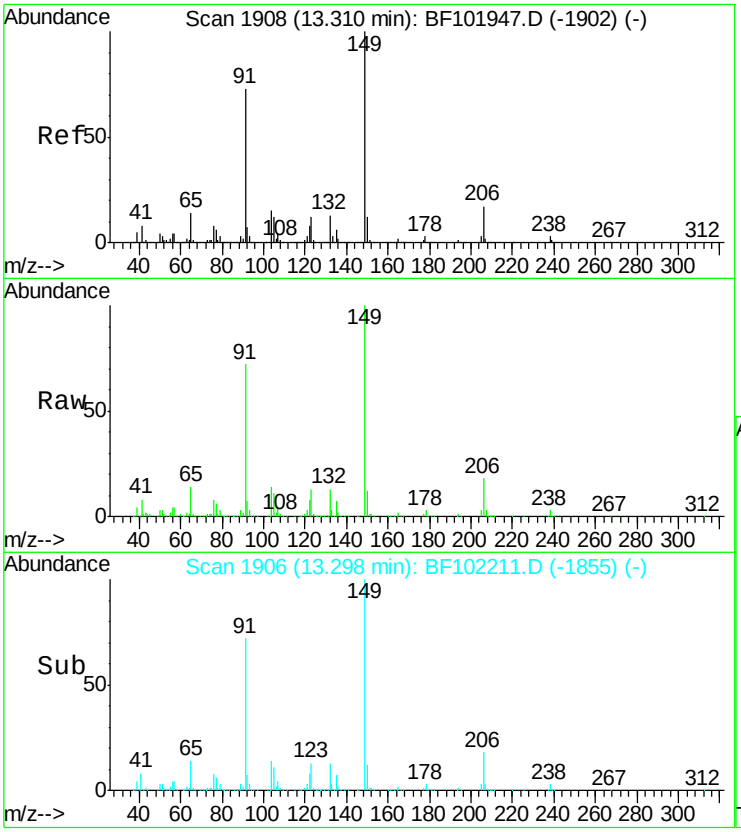


#78
Terphenyl-d14
Concen: 77.520 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:244 Resp: 1106957

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.0	11.0	16.4



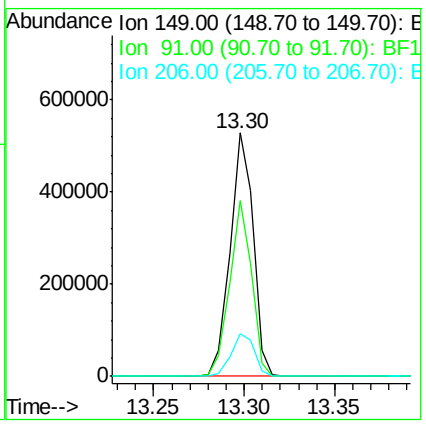


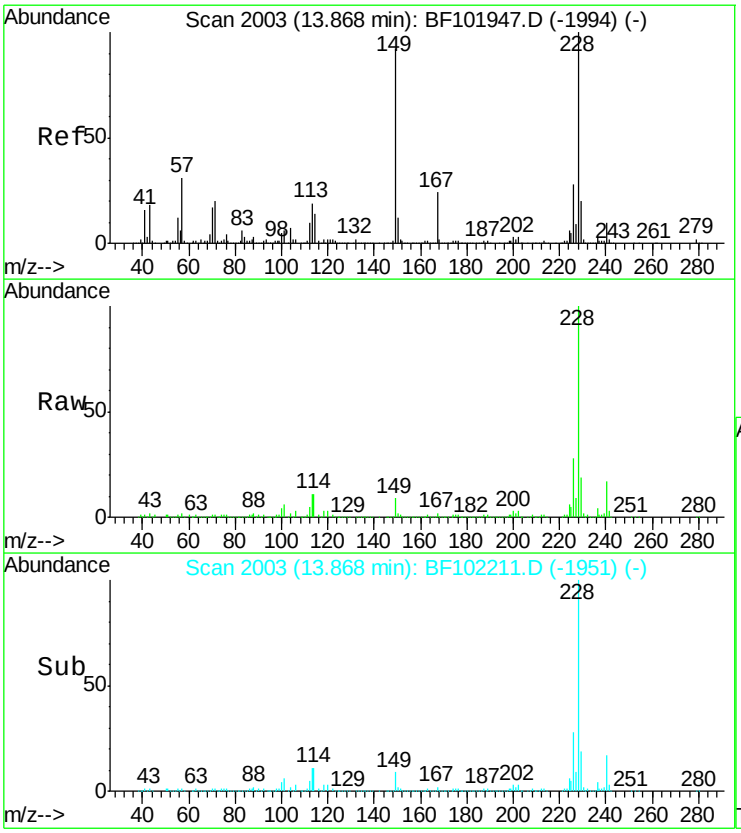
#79
Butylbenzylphthalate
Concen: 38.710 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 465569

Ion	Ratio	Lower	Upper
149	100		
91	72.1	56.8	85.2
206	17.5	14.1	21.1

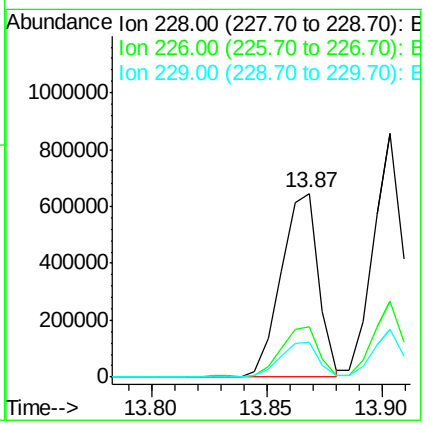


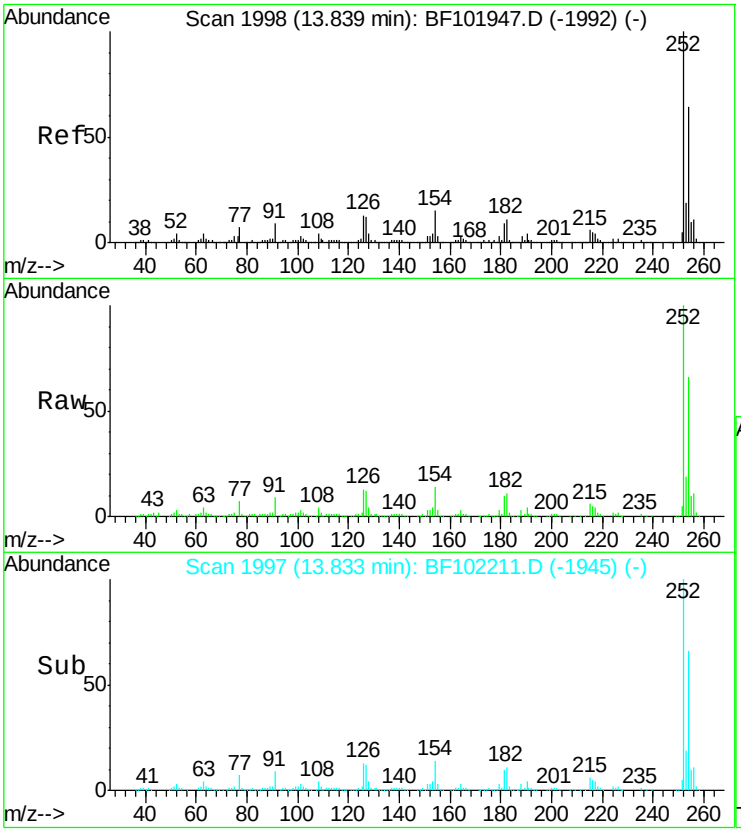


#80
Benzo(a)anthracene
Concen: 38.159 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:228 Resp: 721835

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.0	15.8	23.6



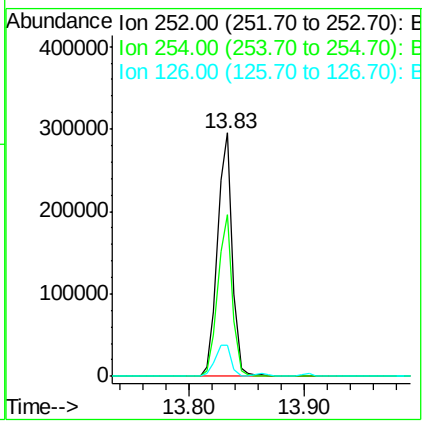


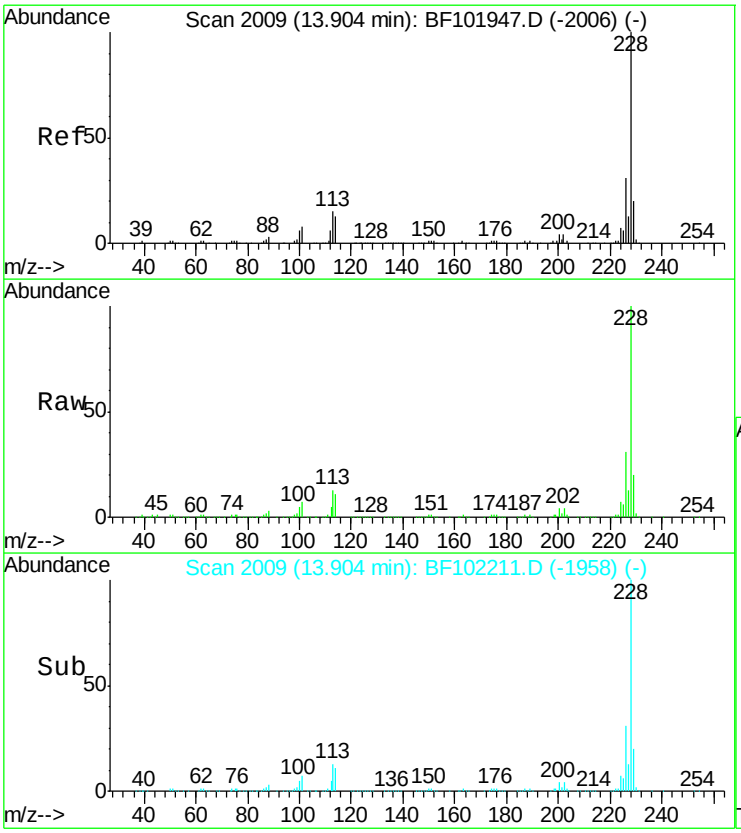
#81
3,3'-Dichlorobenzidine
Concen: 37.512 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 262737

Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	12.8	11.3	16.9

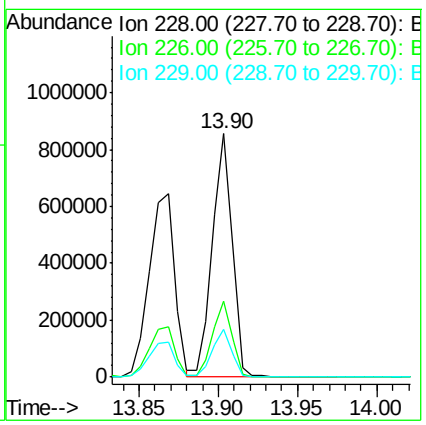


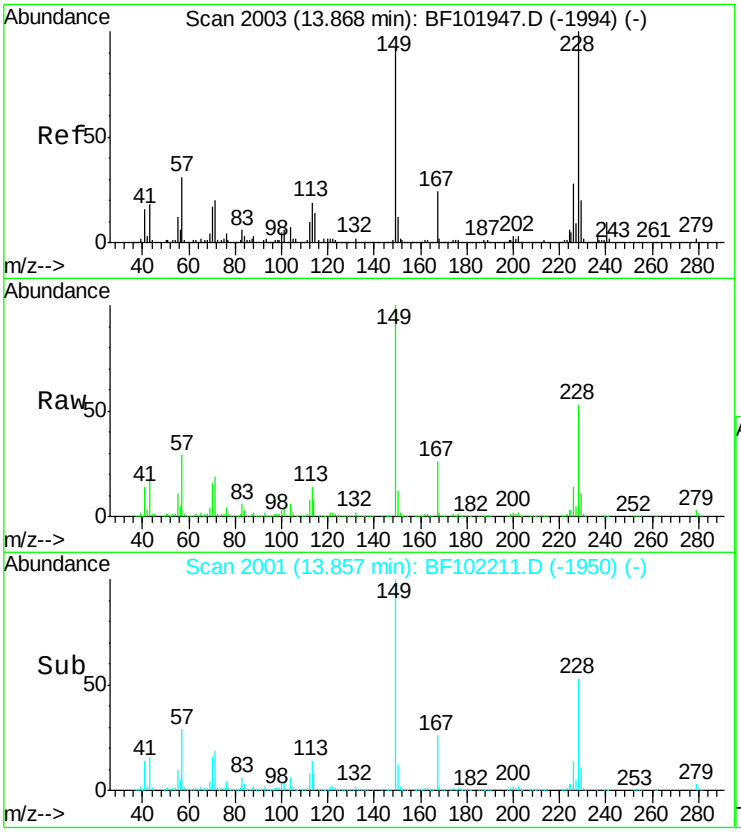


#82
Chrysene
Concen: 37.862 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:228 Resp: 746810

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.7	16.2	24.4



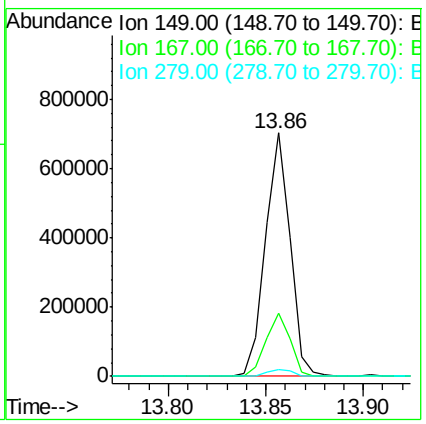


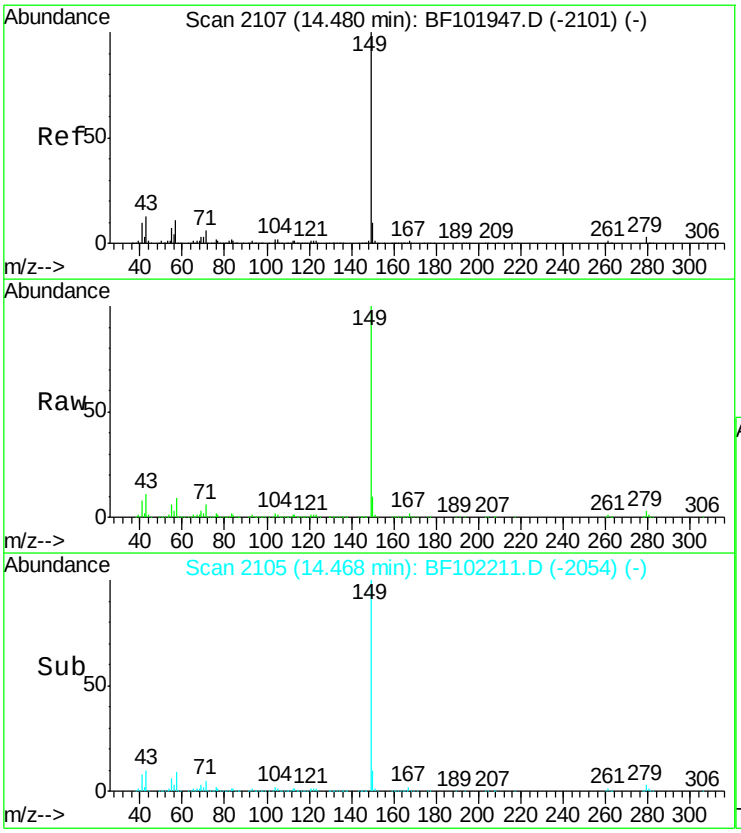
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.513 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 614147

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.9	3.0	4.4#

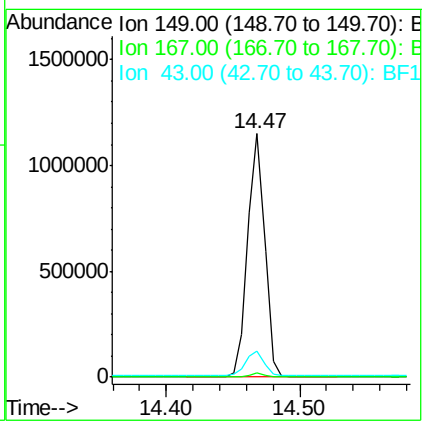


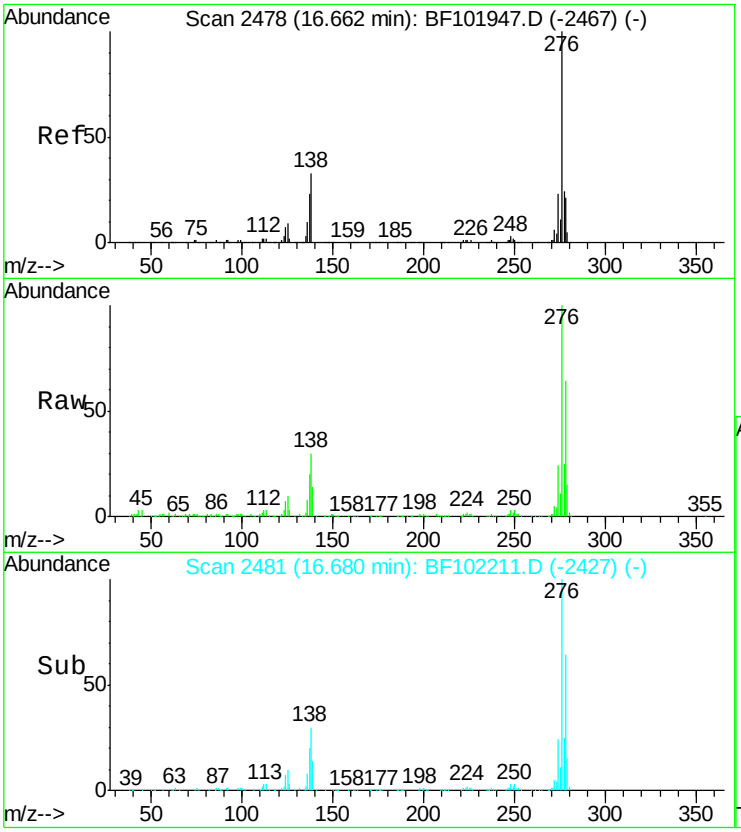


#84
Di-n-octyl phthalate
Concen: 43.707 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:149 Resp: 1000682

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.4	8.4	12.6



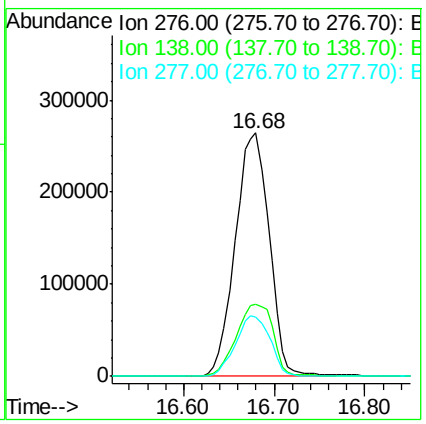


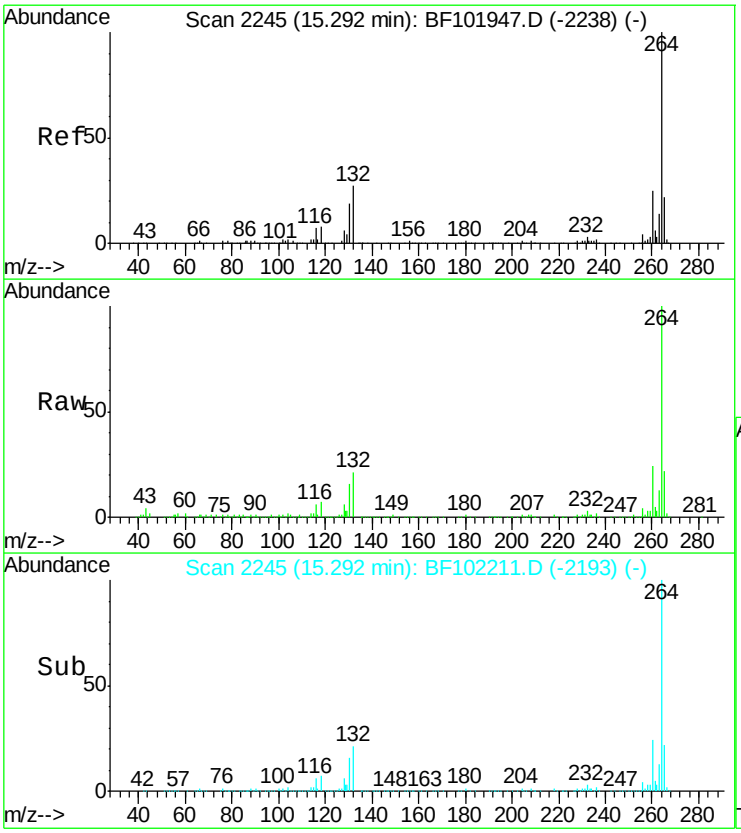
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.004 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.02 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 689162

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.0	37.6
277	25.5	20.1	30.1

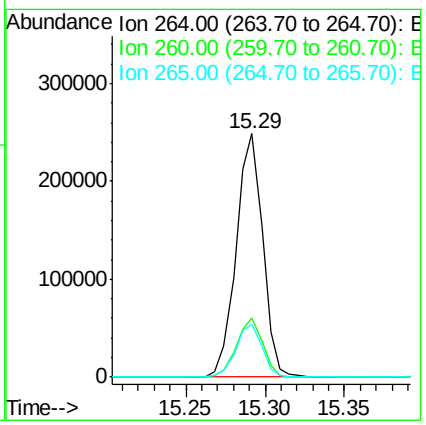


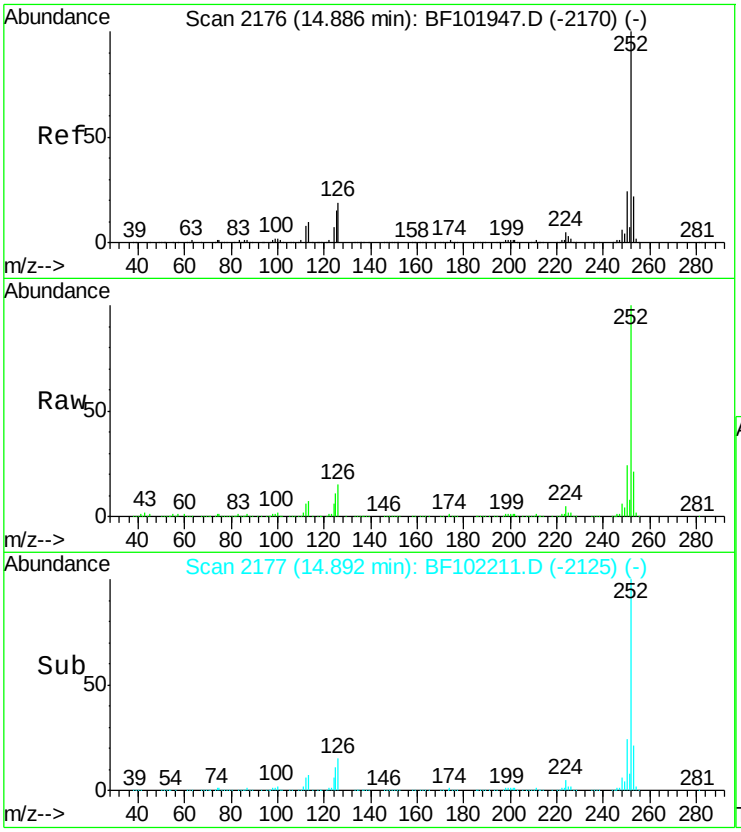


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:264 Resp: 289048

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3



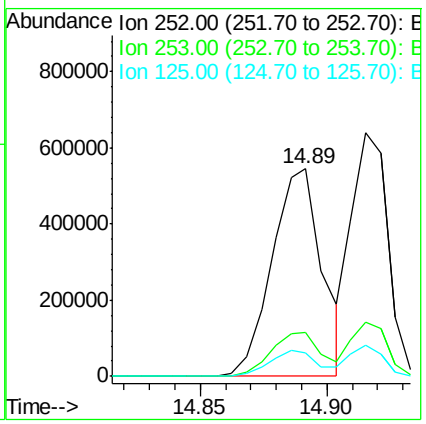


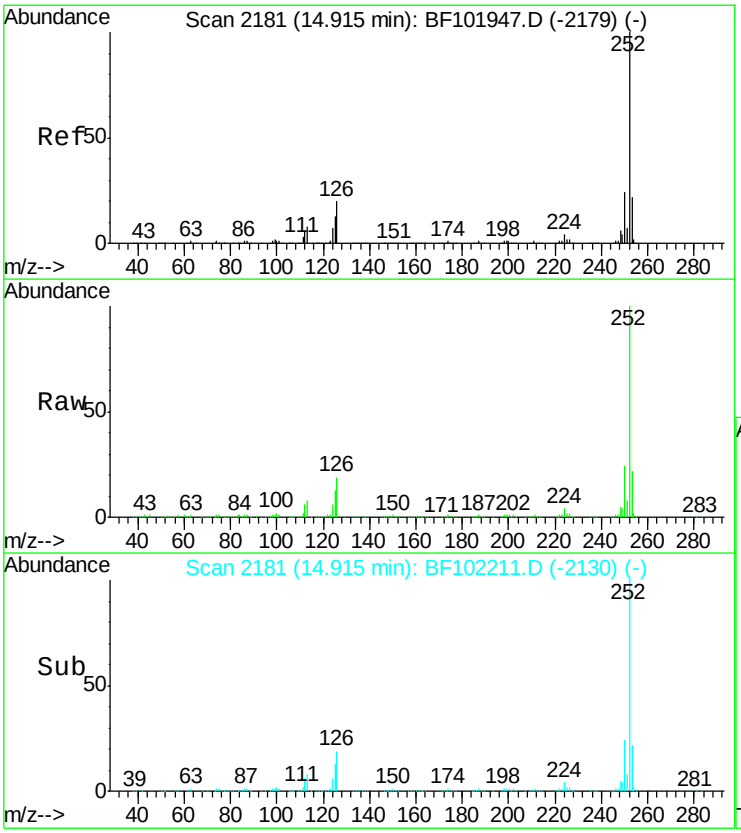
#87
Benzo(b)fluoranthene
Concen: 39.903 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 752048

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.2	9.0	13.6

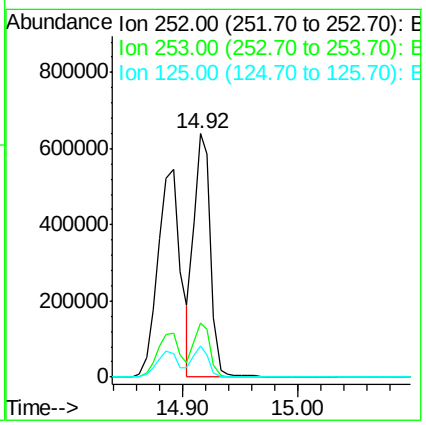


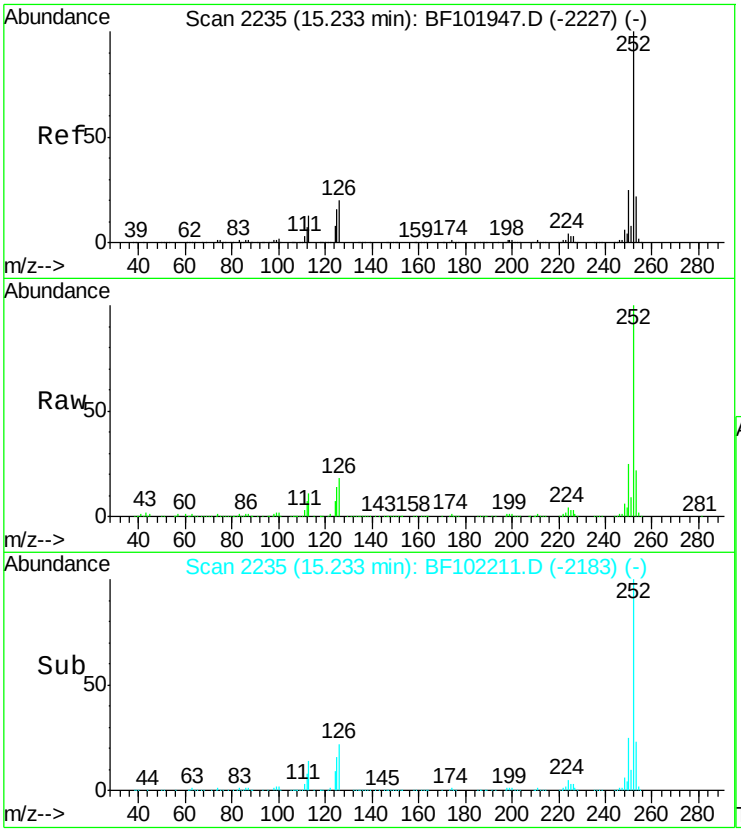


#88
Benzo(k)fluoranthene
Concen: 35.705 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:252 Resp: 649149

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.2	15.2



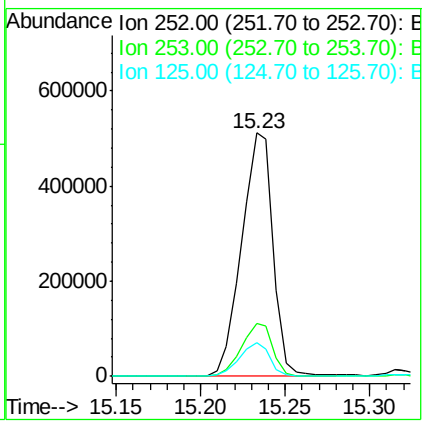


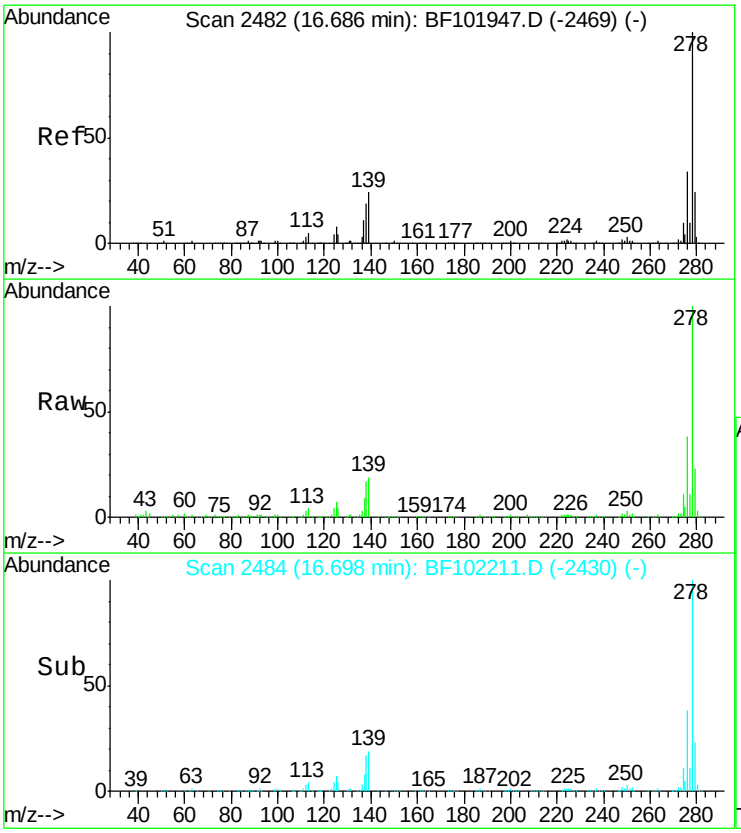
#89
Benzo(a)pyrene
Concen: 39.179 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 664459

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.8	9.8	14.6

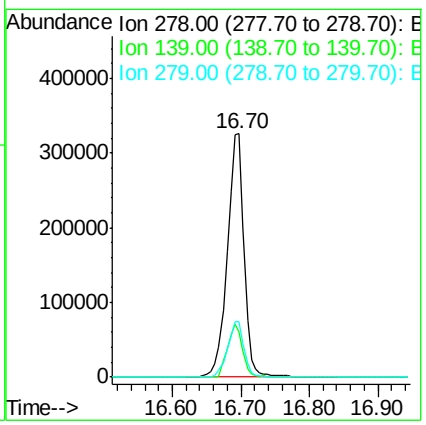


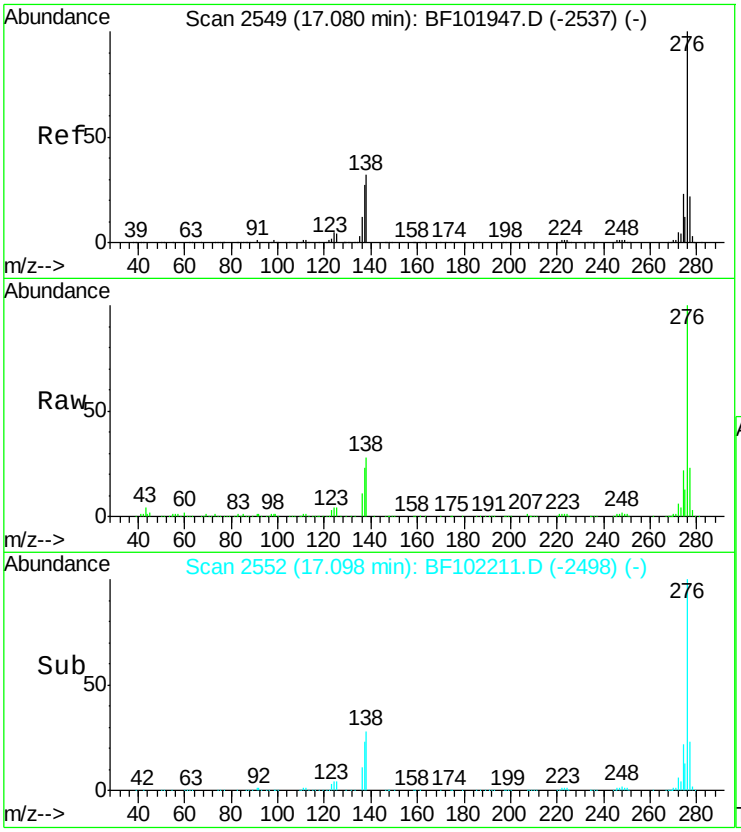


#90
Dibenzo(a,h)anthracene
Concen: 41.119 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.02 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Tgt Ion:278 Resp: 556504

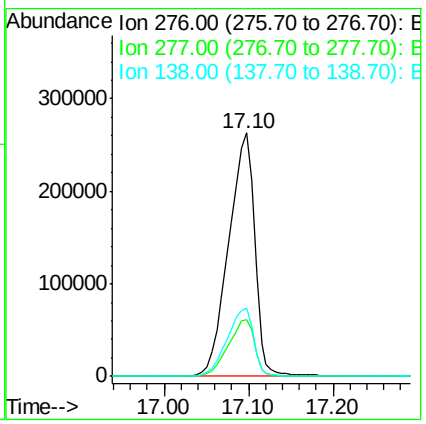
Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	23.0	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 41.165 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.02 min
Lab File: BF102211.D
Acq: 19 Jan 2018 9:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 561220

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	28.2	21.8	32.8