Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104681.D
Acq On : 20 Apr 2018 18:20
Operator : JU/SJ
Sample : J2461-03MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-P001-S002-0001-01MSD

Quant Time: Apr 21 04:37:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113049	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	424748	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	169990	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	283456	20.00	ng		0.00
75) Chrysene-d12	13.98	240	216227	20.00	ng		0.00
86) Perylene-d12	15.44	264	156263	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	75471	10.21	ng		0.00
7) Phenol-d6	6.43	99	92288	10.16	ng		-0.01
23) Nitrobenzene-d5	7.36	82	50819	7.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	16843	9.55	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	99590	9.26	ng		0.00
78) Terphenyl-d14	12.92	244	88125	9.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	10302	2.990	ng		92
3) Pyridine	3.27	79	22351	2.308	ng	#	85
4) n-Nitrosodimethylamine	3.18	42	10355	3.058	ng	#	74
8) 2-Chlorophenol	6.59	128	26851	3.441	ng		96
10) Phenol	6.45	94	34843	3.615	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	26762	3.479	ng		93
12) 1,3-Dichlorobenzene	6.75	146	29839	3.375	ng		96
13) 1,4-Dichlorobenzene	6.82	146	30293	3.438	ng		99
14) 1,2-Dichlorobenzene	6.97	146	29276	3.585	ng		98
15) Benzyl Alcohol	6.95	79	20235	2.933	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	32848	3.180	ng		79
17) 2-Methylphenol	7.06	107	21375	3.151	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	18784	3.164	ng		93
20) 3+4-Methylphenols	7.22	107	28238	3.357	ng		95
22) Acetophenone	7.21	105	39312	3.759	ng		95
24) Nitrobenzene	7.38	77	27572	3.839	ng		98
25) Isophorone	7.62	82	47668	3.465	ng		98
26) 2-Nitrophenol	7.70	139	6048	2.069	ng		93
27) 2,4-Dimethylphenol	7.75	122	21482	3.539	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	32006	3.806	ng		97
29) 2,4-Dichlorophenol	7.96	162	18950	3.272	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	21578	3.394	ng		99
31) Naphthalene	8.11	128	76943	3.638	ng		98
34) Hexachlorobutadiene	8.22	225	12242	3.516	ng		98
35) Caprolactam	8.49	113	4316	2.136	ng	#	76
36) 4-Chloro-3-methylphenol	8.65	107	20136	3.242	ng		96
37) 2-Methylnaphthalene	8.80	142	48624	3.554	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	19764	4.062	ng		97
42) 2,4,6-Trichlorophenol	9.08	196	11270	3.336	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	11710	3.098	ng		93
45) 1,1'-Biphenyl	9.26	154	56670	3.968	ng		97
46) 2-Chloronaphthalene	9.29	162	41854	3.711	ng		99
47) 2-Nitroaniline	9.39	65	12419	4.452	ng		93
48) Acenaphthylene	9.70	152	60295	3.407	ng		98

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N-P001-S002-0001-01MSD

Quant Time: Apr 21 04:37:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.56	163	55841	4.166	ng		99
50) 2,6-Dinitrotoluene	9.63	165	5056	2.038	ng		91
51) Acenaphthene	9.87	154	36088	3.342	ng		96
52) 3-Nitroaniline	9.80	138	7914	2.725	ng		95
54) Dibenzofuran	10.05	168	54668	3.633	ng		99
55) 4-Nitrophenol	9.98	139	8987	3.940	ng		88
57) Fluorene	10.39	166	42435	3.874	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	9161	3.248	ng	#	87
59) Diethylphthalate	10.26	149	46645	3.494	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	19318	3.960	ng		90
61) 4-Nitroaniline	10.41	138	10535	3.710	ng		94
62) Azobenzene	10.54	77	38776	3.040	ng		94
65) n-Nitrosodiphenylamine	10.50	169	36459	3.710	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	10902	3.616	ng		91
67) Hexachlorobenzene	10.94	284	12701	3.744	ng	#	91
68) Atrazine	11.03	200	10969	3.698	ng		96
69) Pentachlorophenol	11.14	266	6139	2.925	ng		99
70) Phenanthrene	11.36	178	58414	3.700	ng		97
71) Anthracene	11.41	178	59725	3.722	ng		98
72) Carbazole	11.57	167	54355	3.467	ng		99
73) Di-n-butylphthalate	11.89	149	70766	3.695	ng		99
74) Fluoranthene	12.55	202	61276	3.715	ng		99
77) Pyrene	12.77	202	62851	3.921	ng		99
79) Butylbenzylphthalate	13.39	149	36998	4.900	ng		98
80) Benzo(a)anthracene	13.97	228	47350	3.666	ng		99
82) Chrysene	14.00	228	46814	3.528	ng		96
83) Bis(2-ethylhexyl)phthalate	13.95	149	63400	6.528	ng		99
84) Di-n-octyl phthalate	14.57	149	65571	4.041	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	34045	3.021	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	38396	3.890	ng	#	92
88) Benzo(k)fluoranthene	15.04	252	35722	3.834	ng		99
89) Benzo(a)pyrene	15.38	252	31937	3.617	ng	#	93
90) Dibenzo(a,h)anthracene	16.91	278	30494	4.205	ng	#	94
91) Benzo(g,h,i)perylene	17.33	276	30418	4.329	ng		94

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

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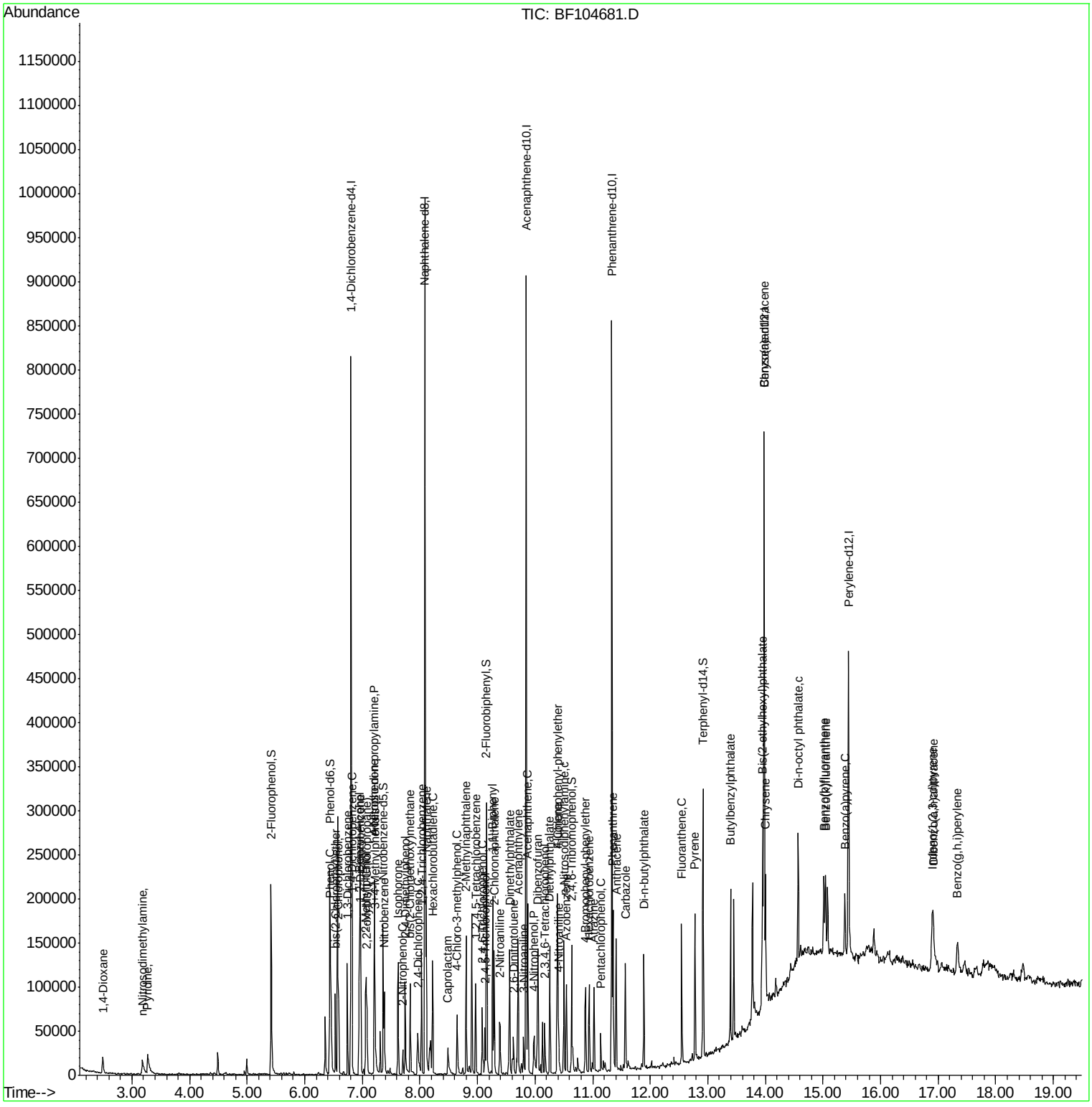
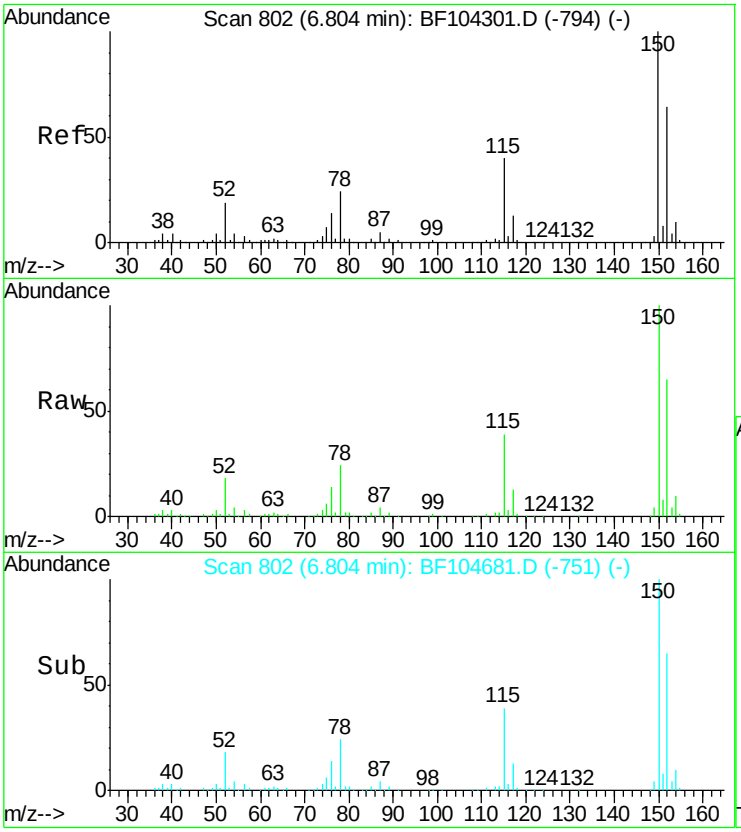


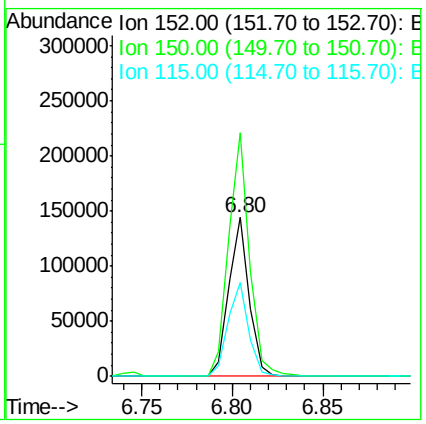


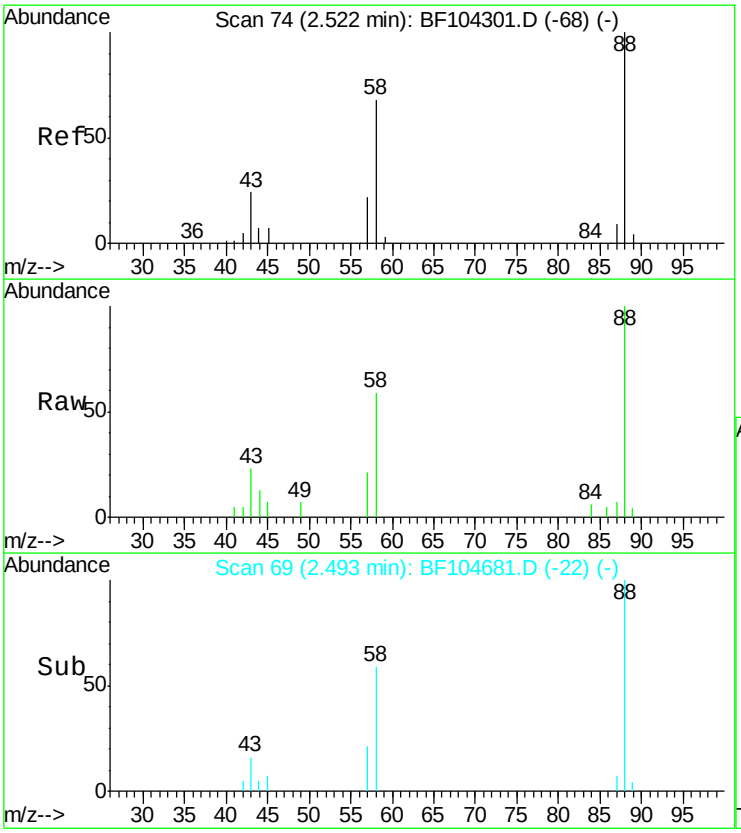
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:152 Resp: 113049

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	59.5	50.1	75.1

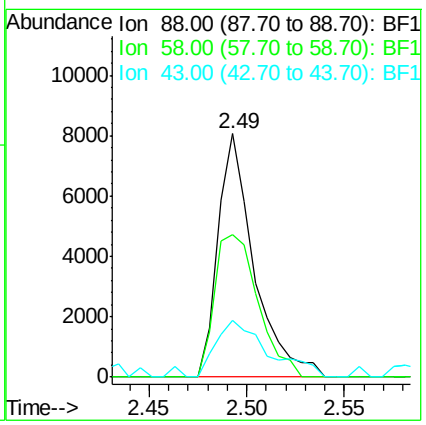


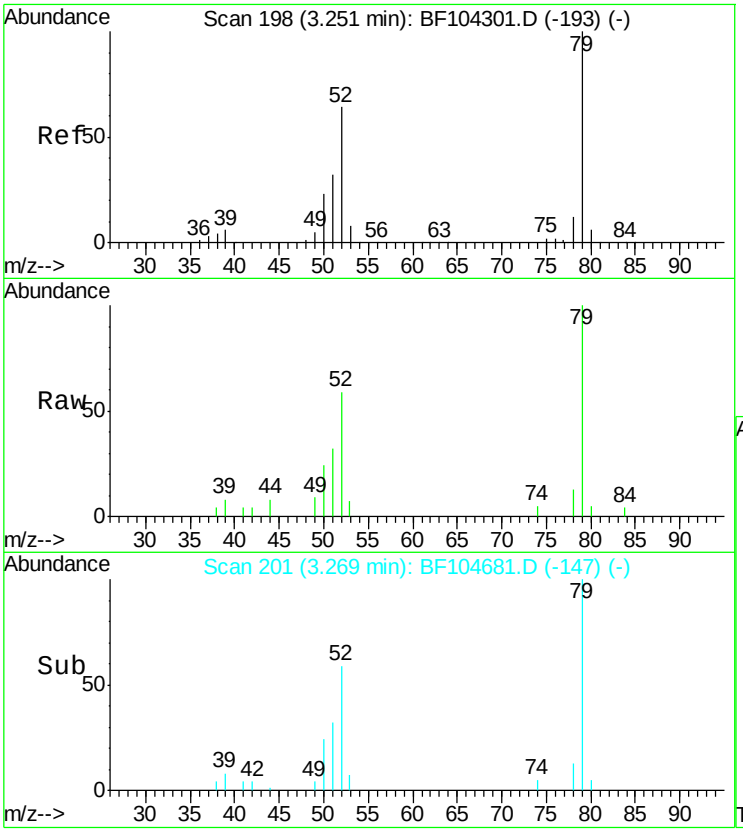


#2
1,4-Dioxane
Concen: 2.990 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.02 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 88 Resp: 10302

Ion	Ratio	Lower	Upper
88	100		
58	70.6	62.6	93.8
43	33.6	24.6	37.0



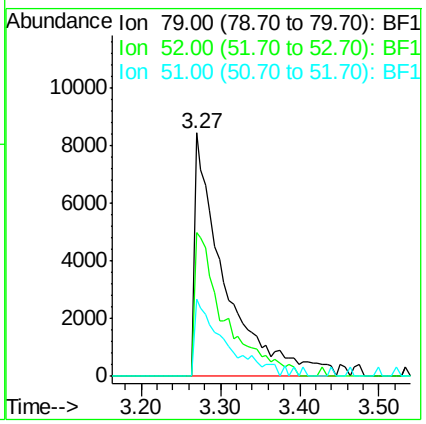


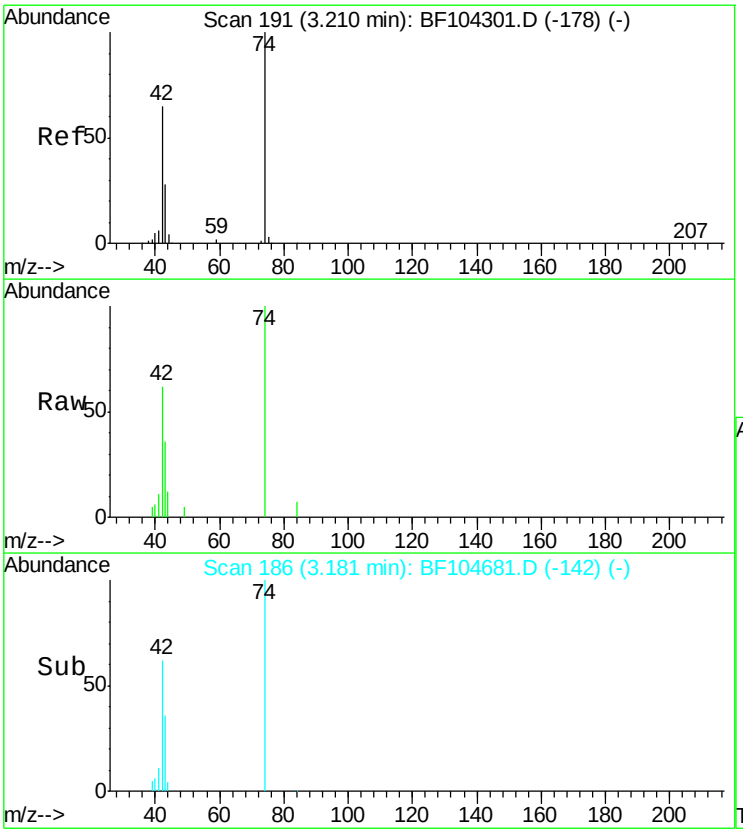
#3
Pyridine
Concen: 2.308 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.02 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 79 Resp: 22351

Ion	Ratio	Lower	Upper
79	100		
52	59.2	59.8	89.6#
51	31.6	29.8	44.8

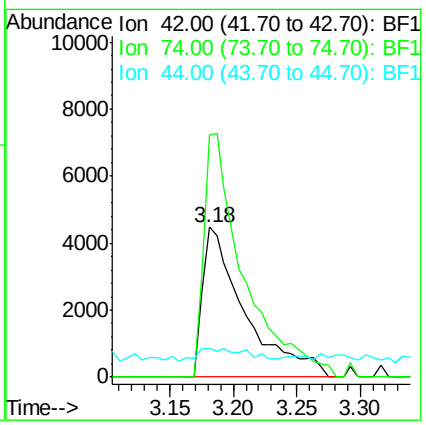


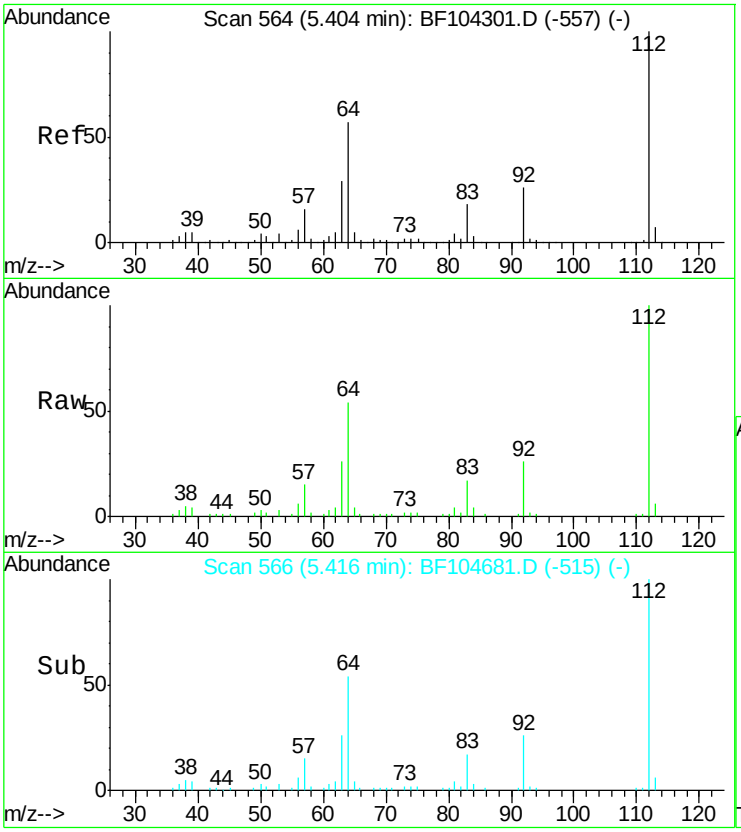


#4
n-Nitrosodimethylamine
Concen: 3.058 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.04 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 42 Resp: 10355

Ion	Ratio	Lower	Upper
42	100		
74	161.3	104.9	157.3#
44	19.2	6.9	10.3#



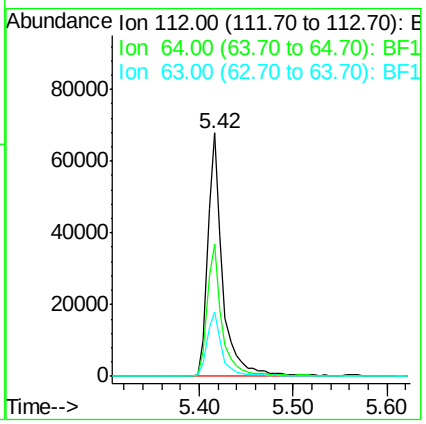


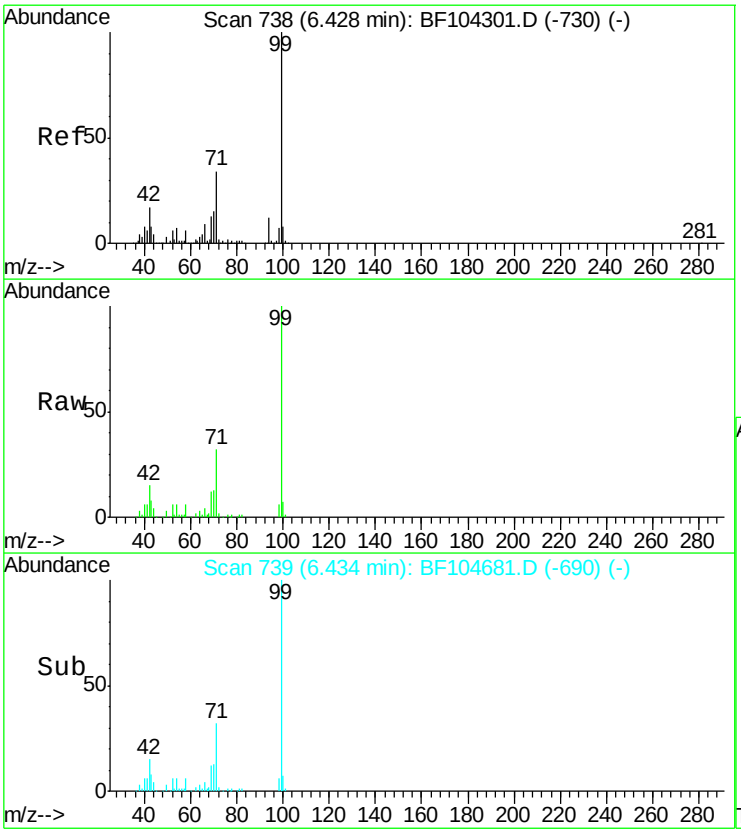
#5
2-Fluorophenol
Concen: 10.208 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:112 Resp: 75471

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	26.5	23.7	35.5

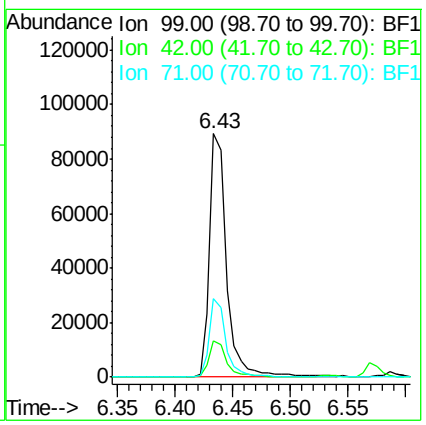


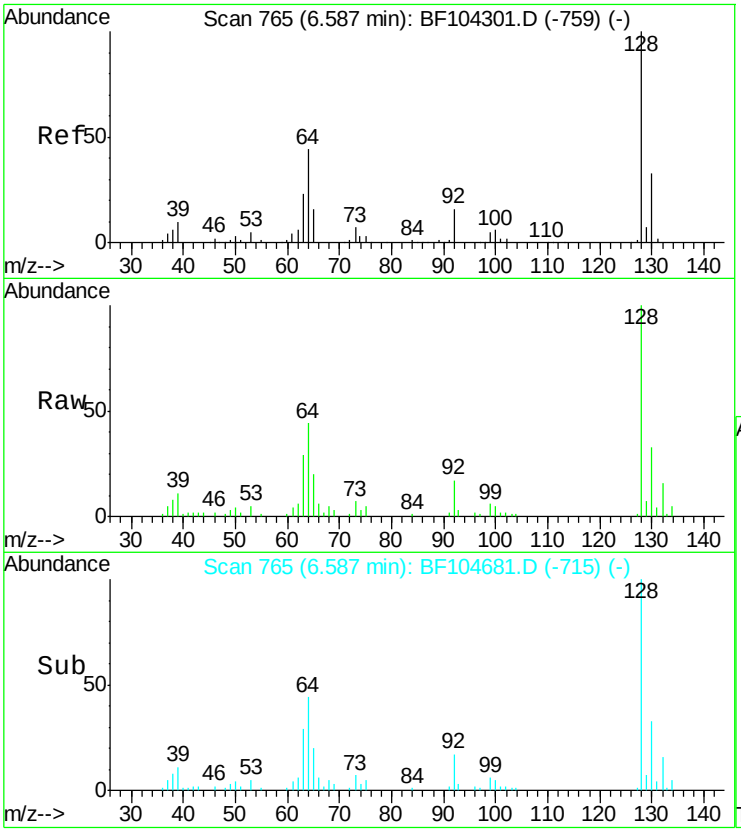


#7
Phenol-d6
Concen: 10.159 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 99 Resp: 92288

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	32.3	25.4	38.0



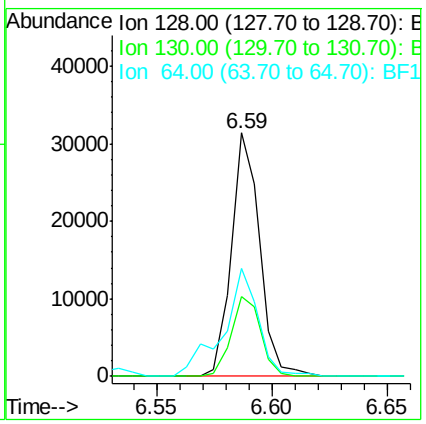


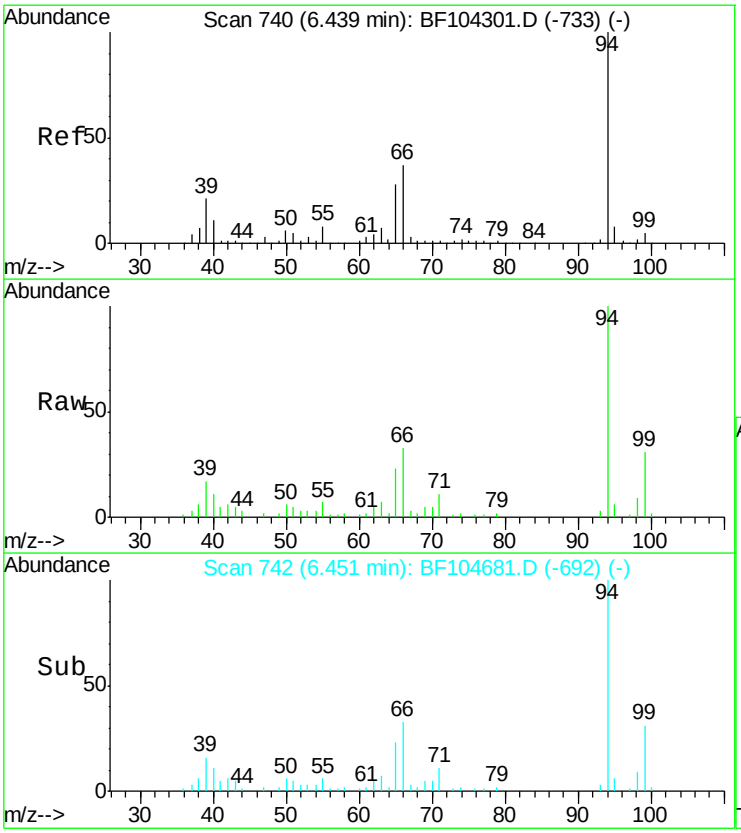
#8
2-Chlorophenol
Concen: 3.441 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:128 Resp: 26851

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	44.4	29.4	69.4

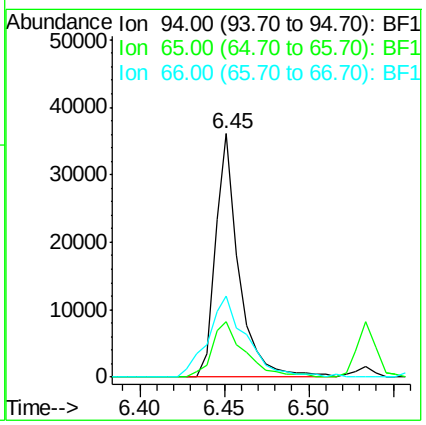


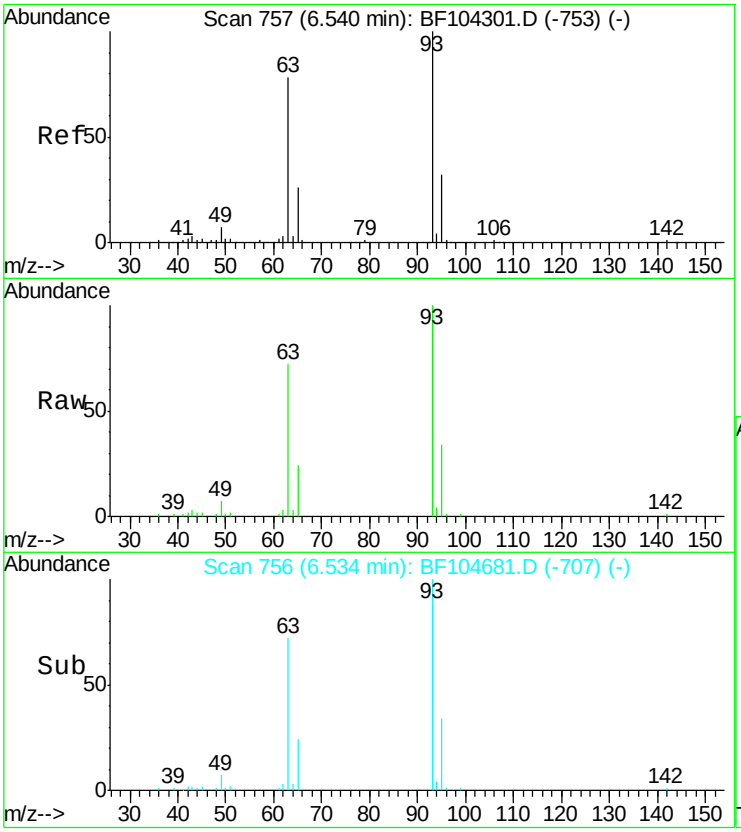


#10
Phenol
Concen: 3.615 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 94 Resp: 34843

Ion	Ratio	Lower	Upper
94	100		
65	23.0	7.9	47.9
66	33.2	16.2	56.2



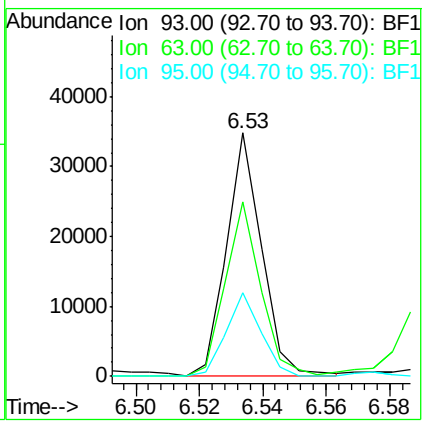


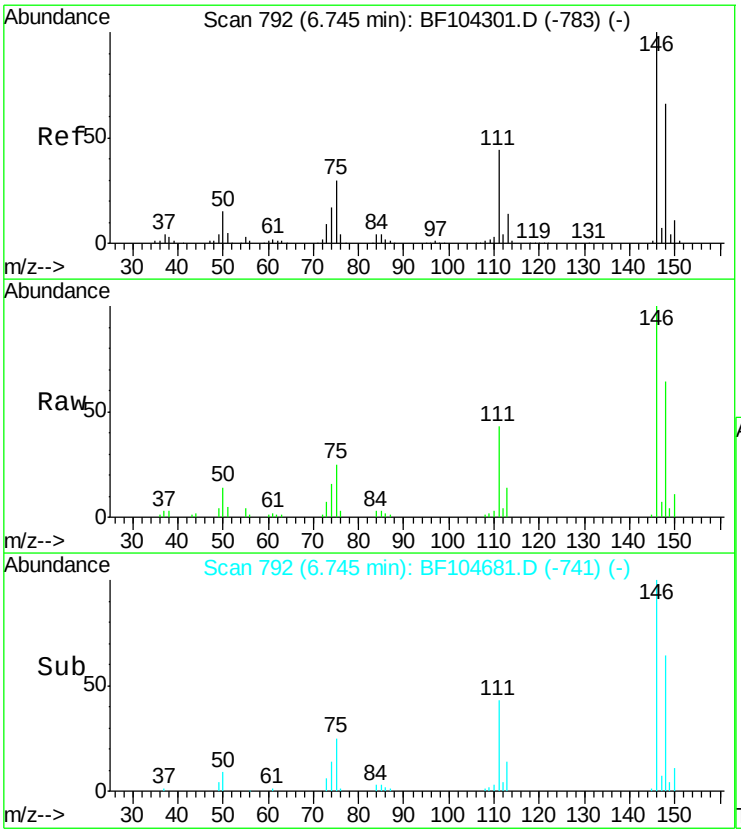
#11
bis(2-Chloroethyl)ether
Concen: 3.479 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 93 Resp: 26762

Ion	Ratio	Lower	Upper
93	100		
63	71.5	58.6	98.6
95	34.1	11.8	51.8

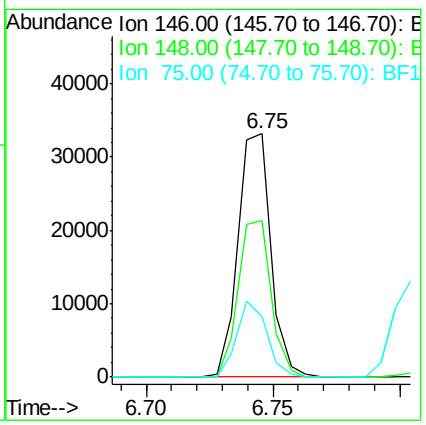


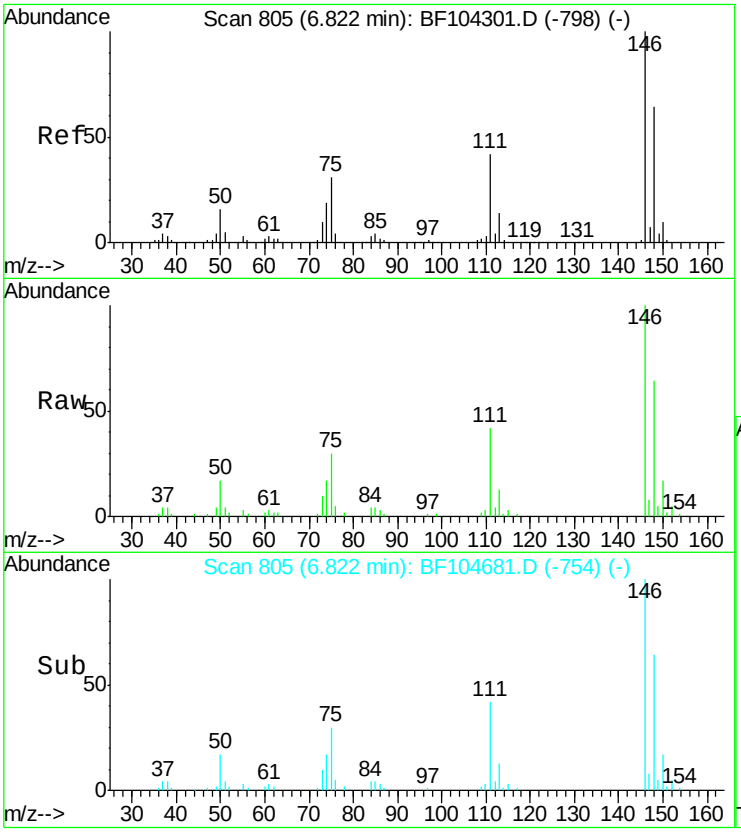


#12
1,3-Dichlorobenzene
Concen: 3.375 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:146 Resp: 29839

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	25.0	24.2	36.4



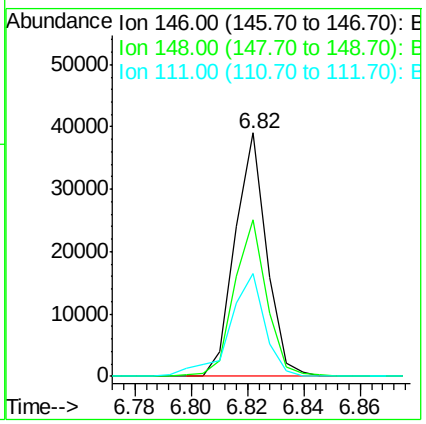


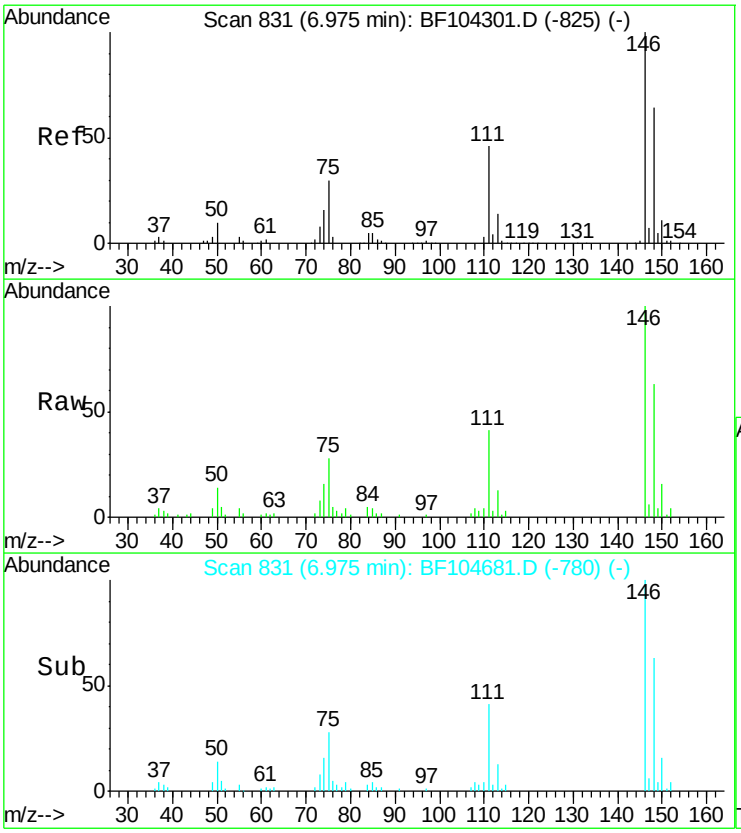
#13
1,4-Dichlorobenzene
Concen: 3.438 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:146 Resp: 30293

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.4	34.2	51.2

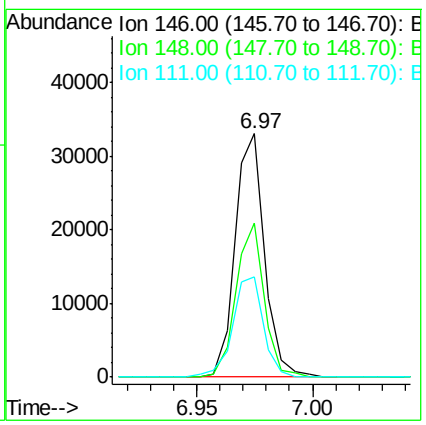


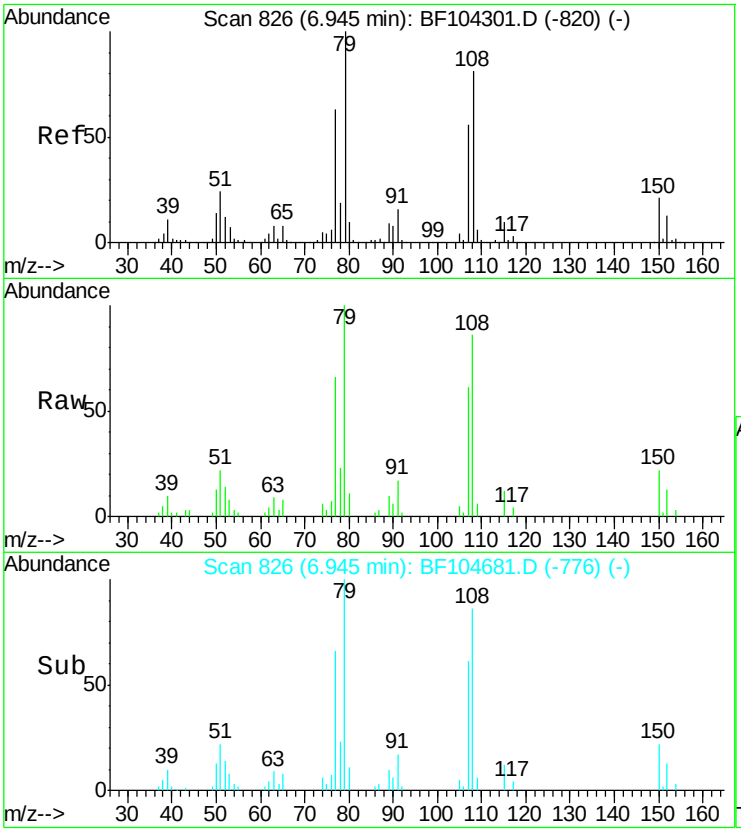


#14
1,2-Dichlorobenzene
Concen: 3.585 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:146 Resp: 29276

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	41.3	36.0	54.0



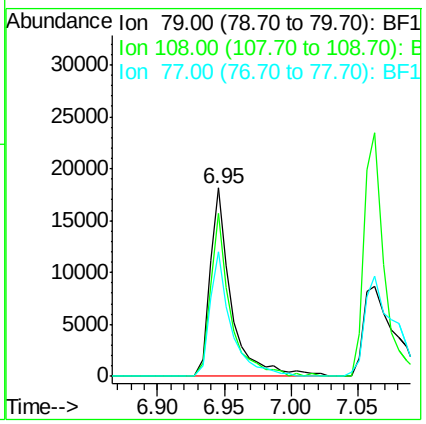


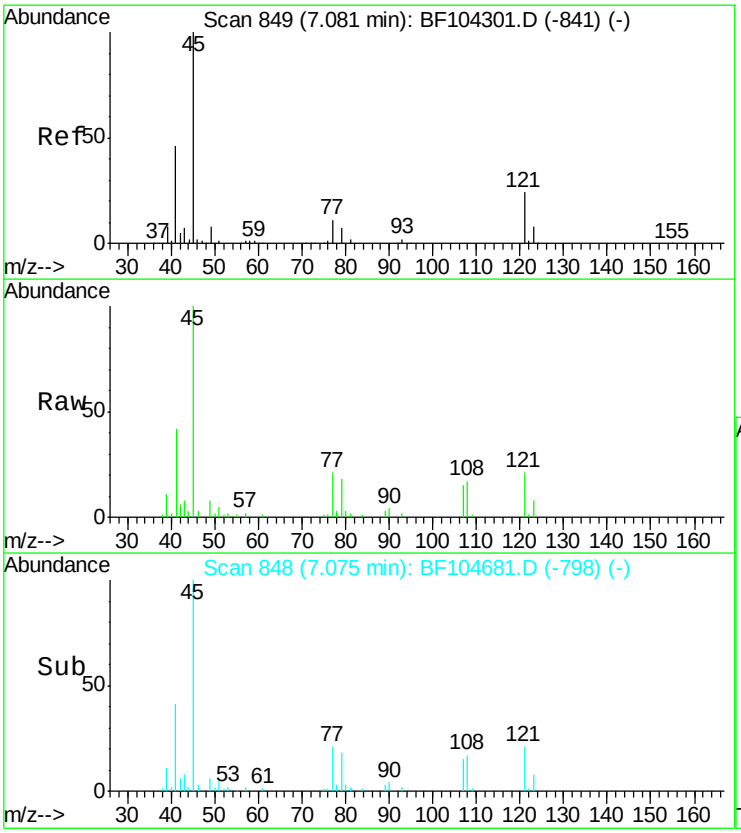
#15
Benzyl Alcohol
Concen: 2.933 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 79 Resp: 20235

Ion	Ratio	Lower	Upper
79	100		
108	86.3	65.1	97.7
77	66.2	50.6	75.8

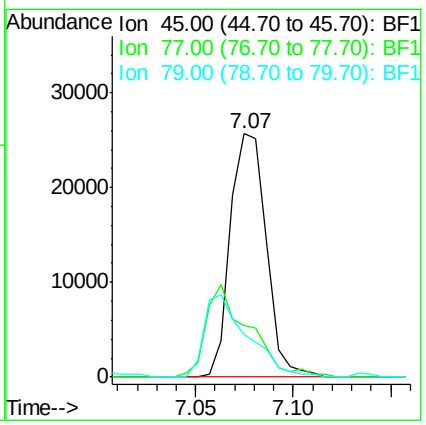


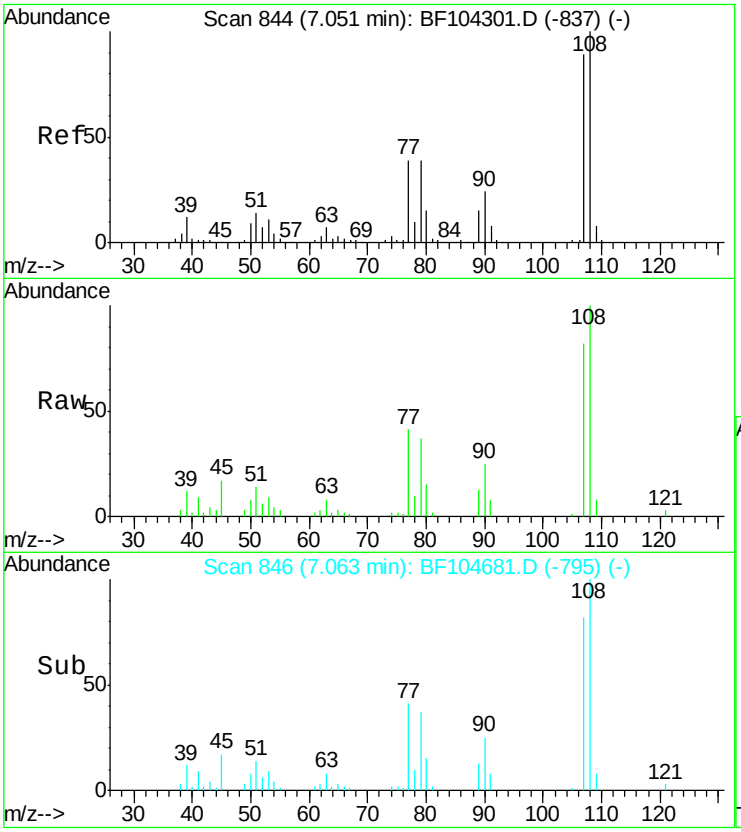


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.180 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 45 Resp: 32848

Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	32.9
79	17.6	0.0	29.6



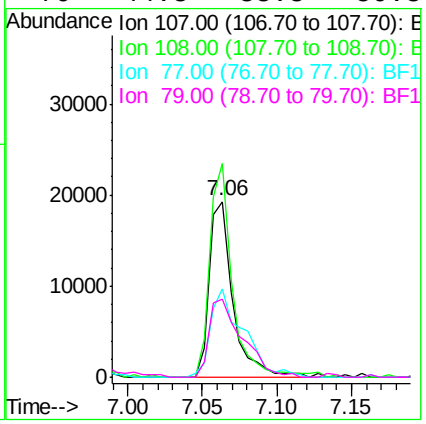


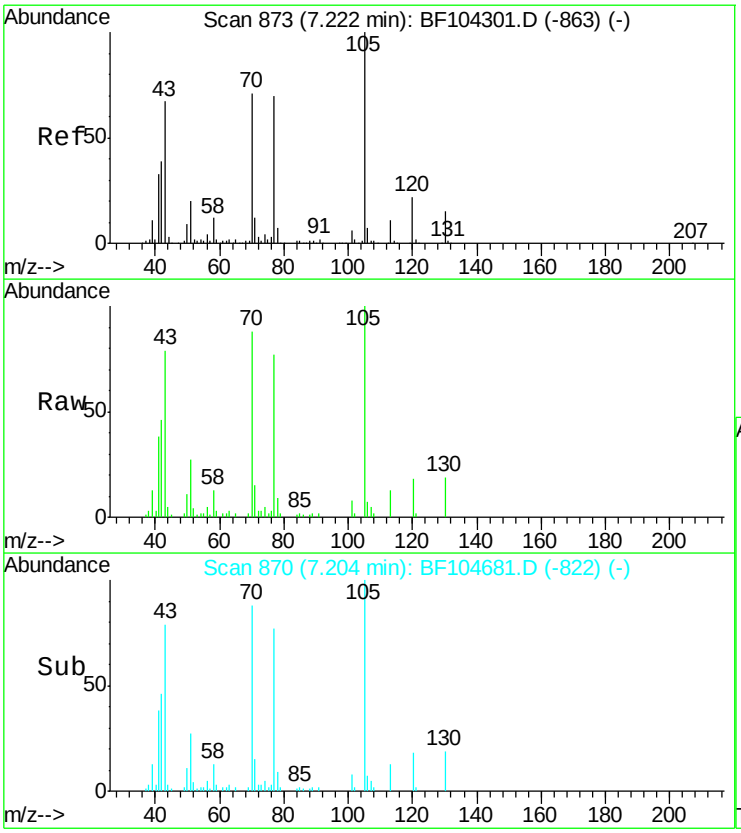
#17
2-Methylphenol
Concen: 3.151 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:107 Resp: 21375

Ion	Ratio	Lower	Upper
107	100		
108	121.7	91.7	137.5
77	50.4	33.8	50.8
79	44.8	33.8	50.8

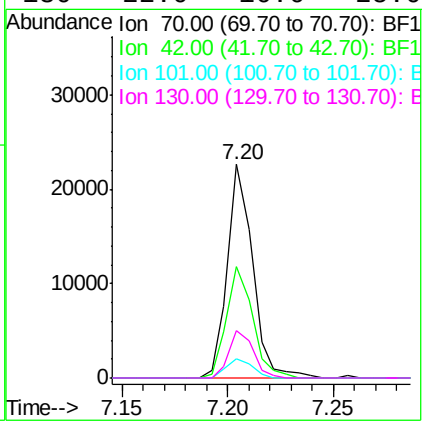


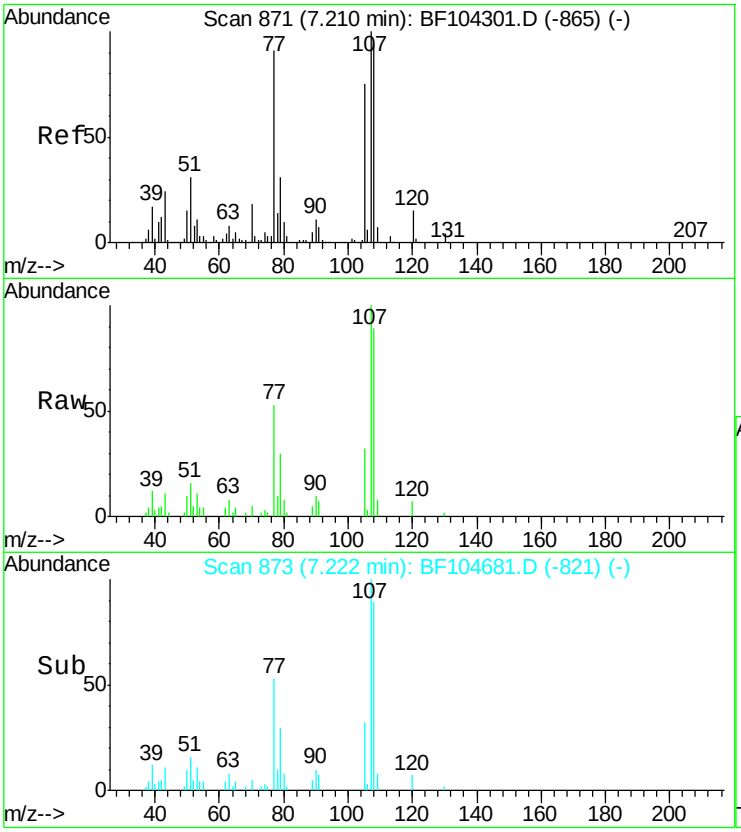


#19
n-Nitroso-di-n-propylamine
Concen: 3.164 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 70 Resp: 18784

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	8.8	7.4	11.2
130	22.0	16.6	25.0



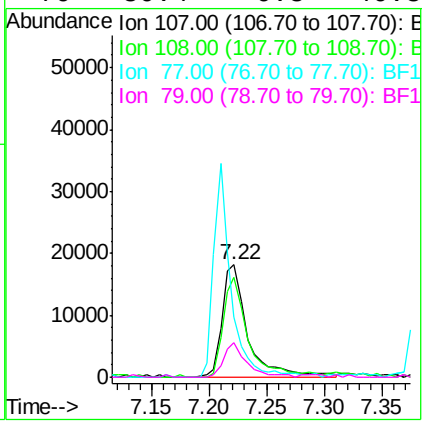


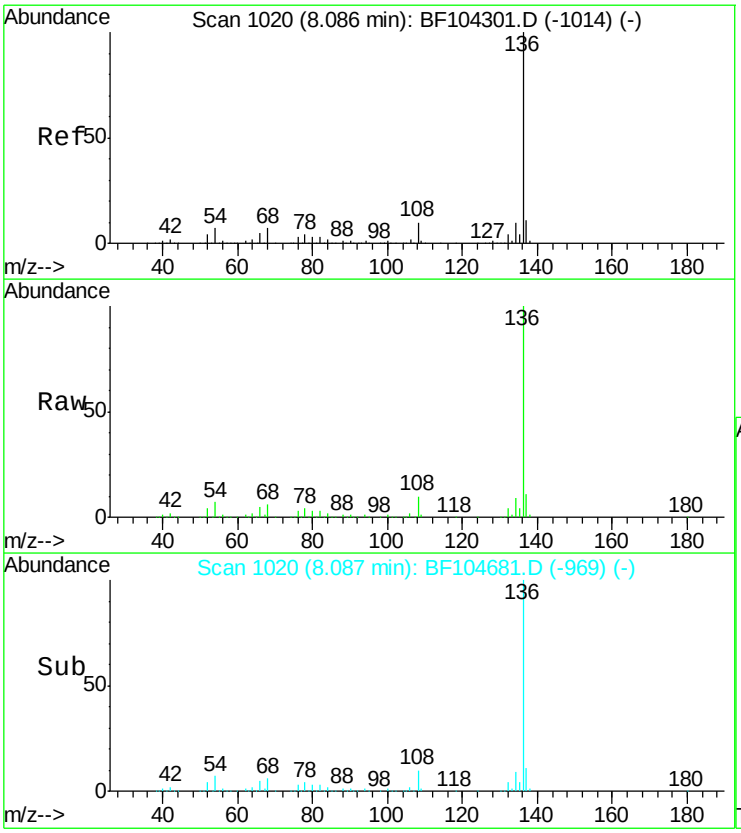
#20
3+4-Methylphenols
Concen: 3.357 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:107 Resp: 28238

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	53.3	26.7	66.7
79	30.4	6.3	46.3

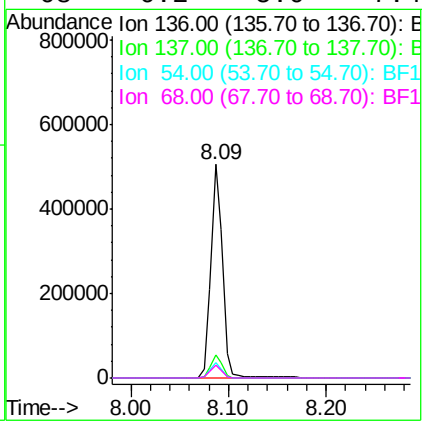


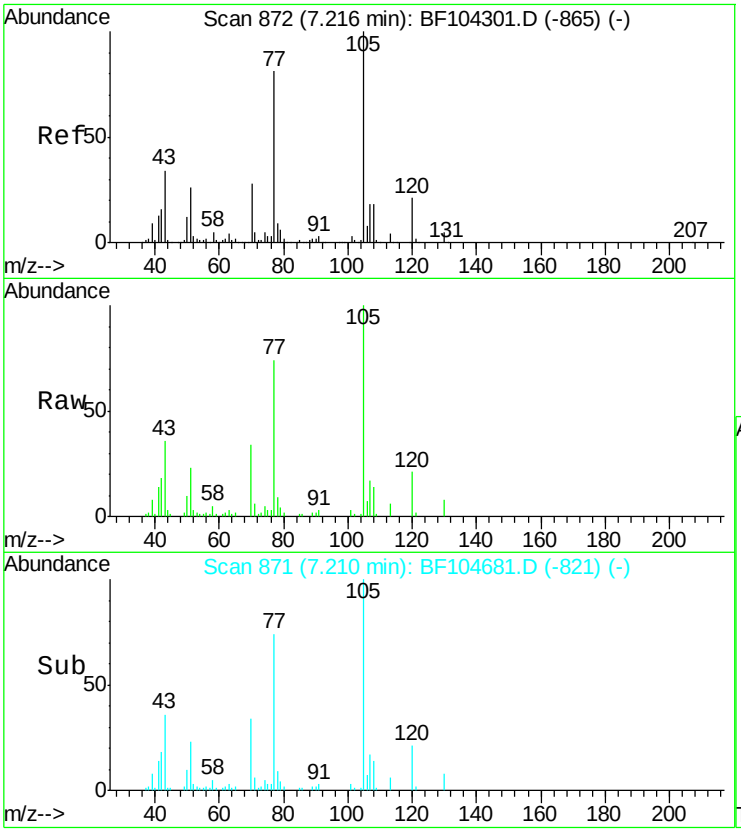


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:136 Resp: 424748

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4



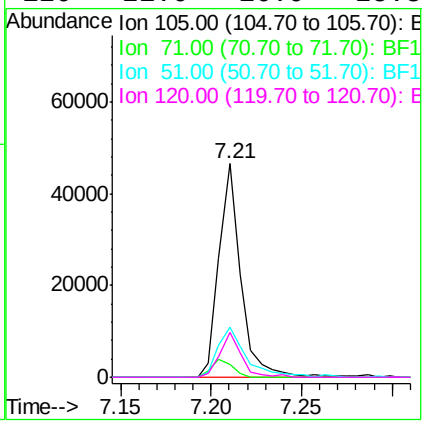


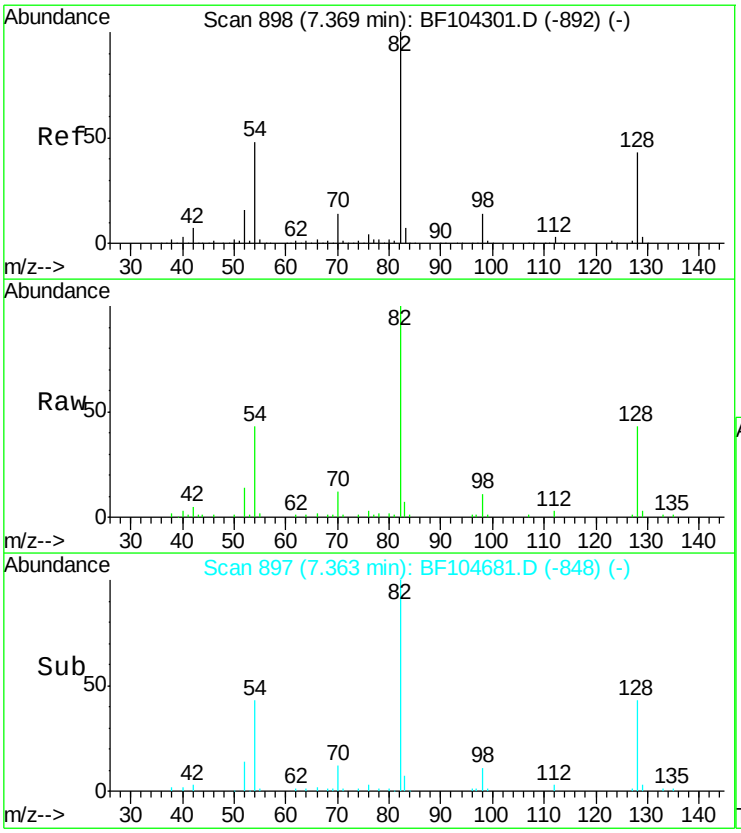
#22
Acetophenone
Concen: 3.759 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:105 Resp: 39312

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.4	6.6
51	23.3	22.3	33.5
120	21.0	16.9	25.3

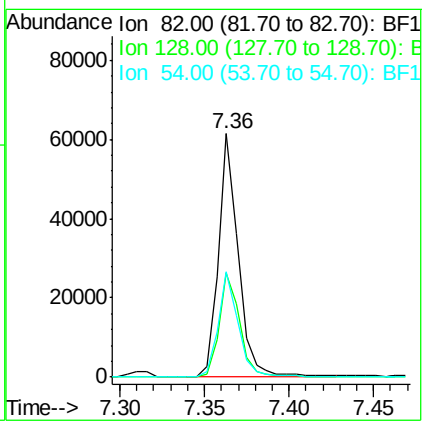


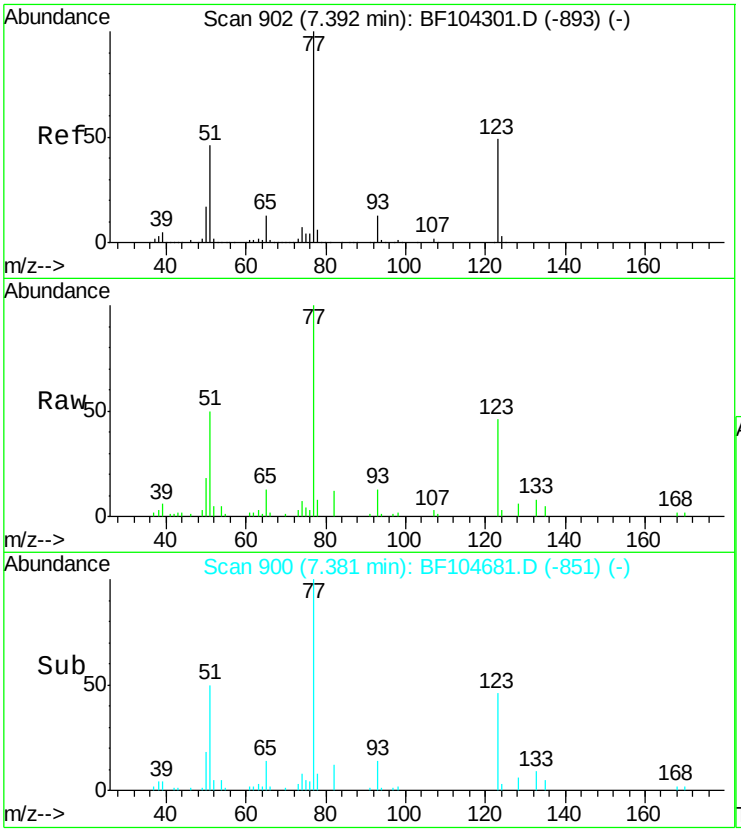


#23
Nitrobenzene-d5
Concen: 7.813 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 82 Resp: 50819

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	43.0	41.4	62.2



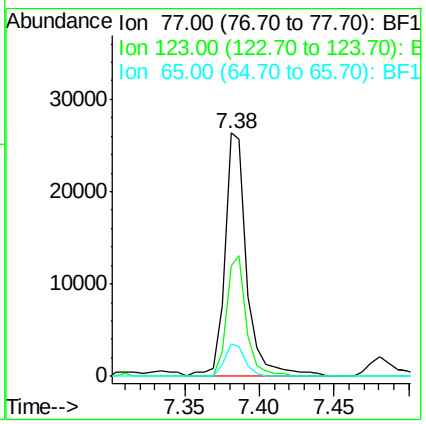


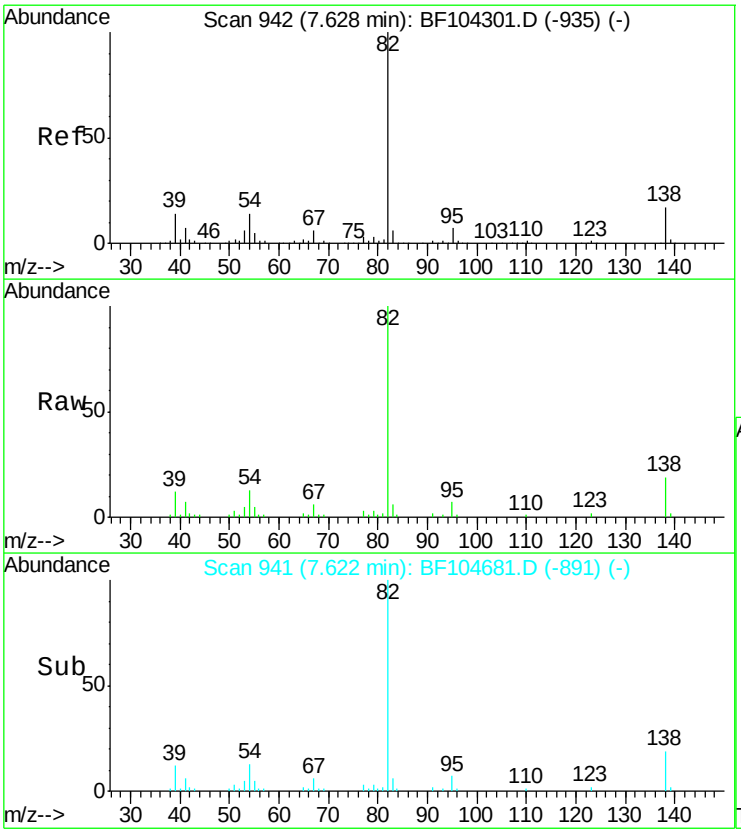
#24
Nitrobenzene
Concen: 3.839 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 77 Resp: 27572

Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.9	56.9
65	13.4	11.0	16.4

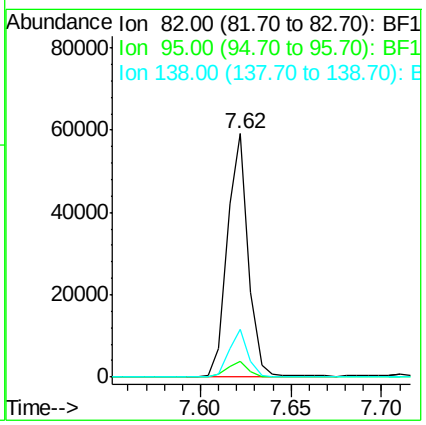


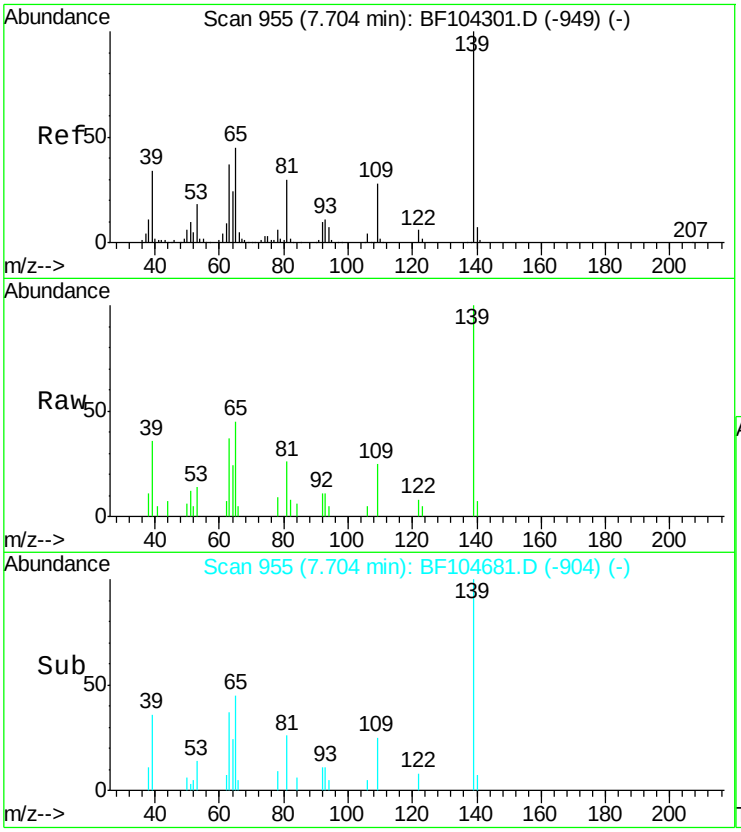


#25
Isophorone
Concen: 3.465 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 82 Resp: 47668

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	19.5	14.9	22.3



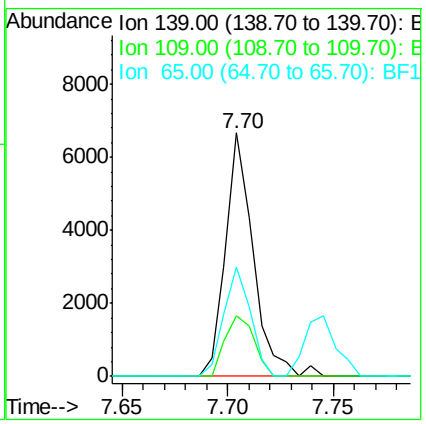


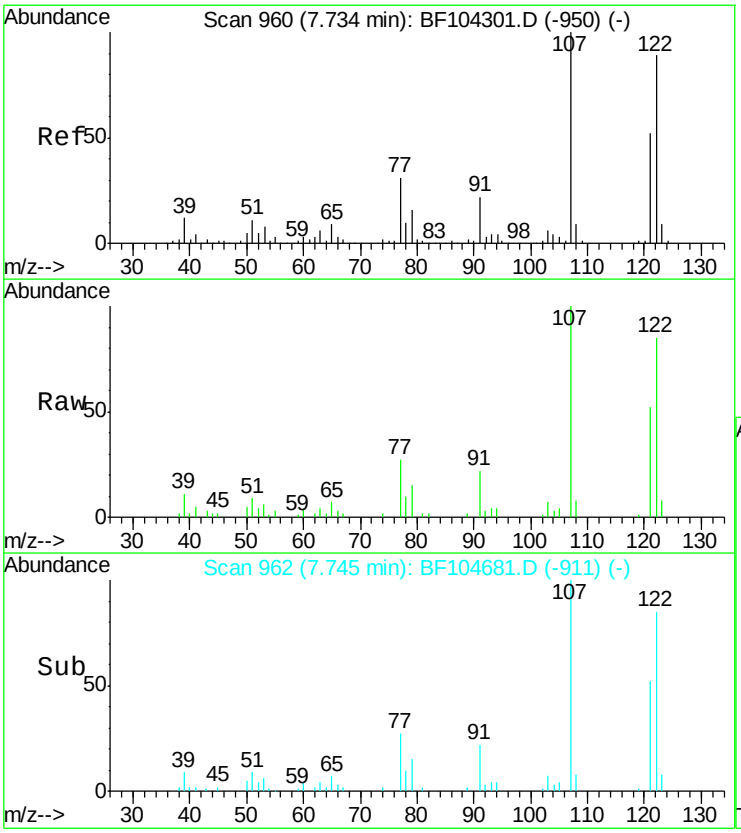
#26
2-Nitrophenol
Concen: 2.069 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:139 Resp: 6048

Ion	Ratio	Lower	Upper
139	100		
109	25.1	22.7	34.1
65	45.1	40.5	60.7

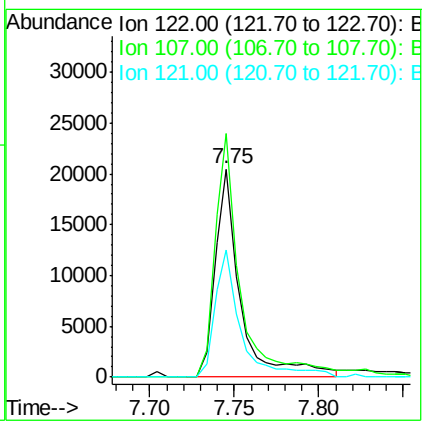


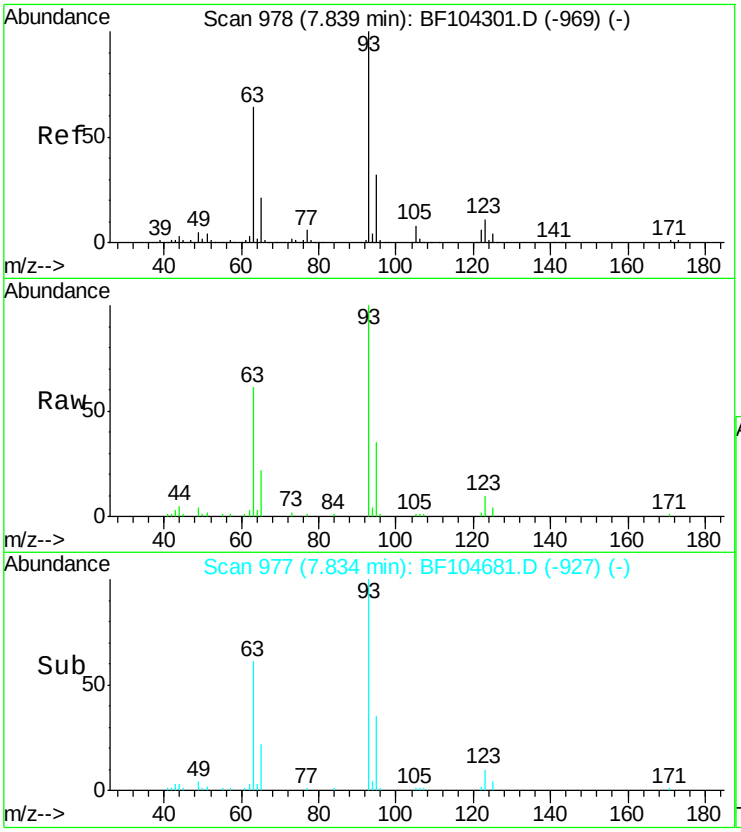


#27
2,4-Dimethylphenol
Concen: 3.539 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:122 Resp: 21482

Ion	Ratio	Lower	Upper
122	100		
107	117.0	91.2	136.8
121	60.9	47.2	70.8



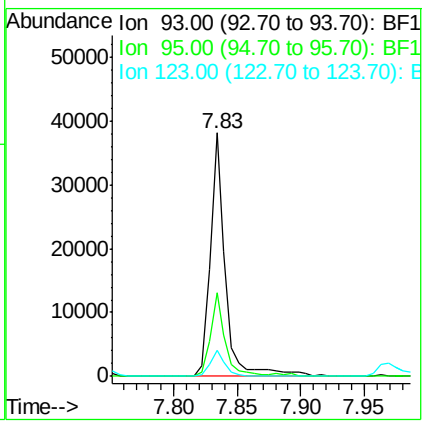


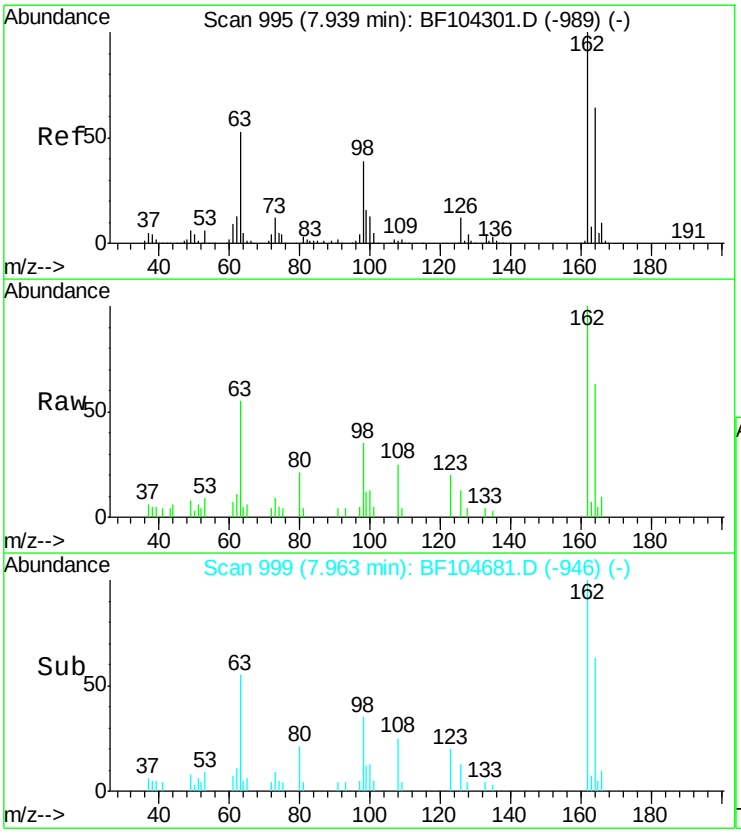
#28
bis(2-Chloroethoxy)methane
Concen: 3.806 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 93 Resp: 32006

Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.3	39.5
123	10.5	9.8	14.6

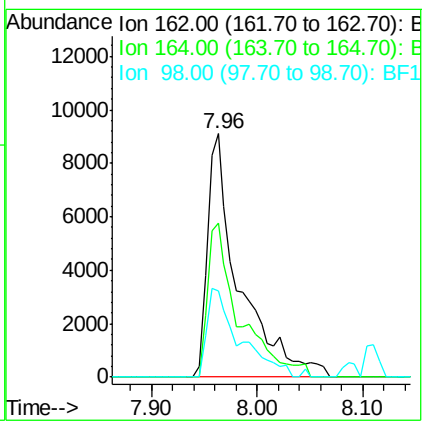


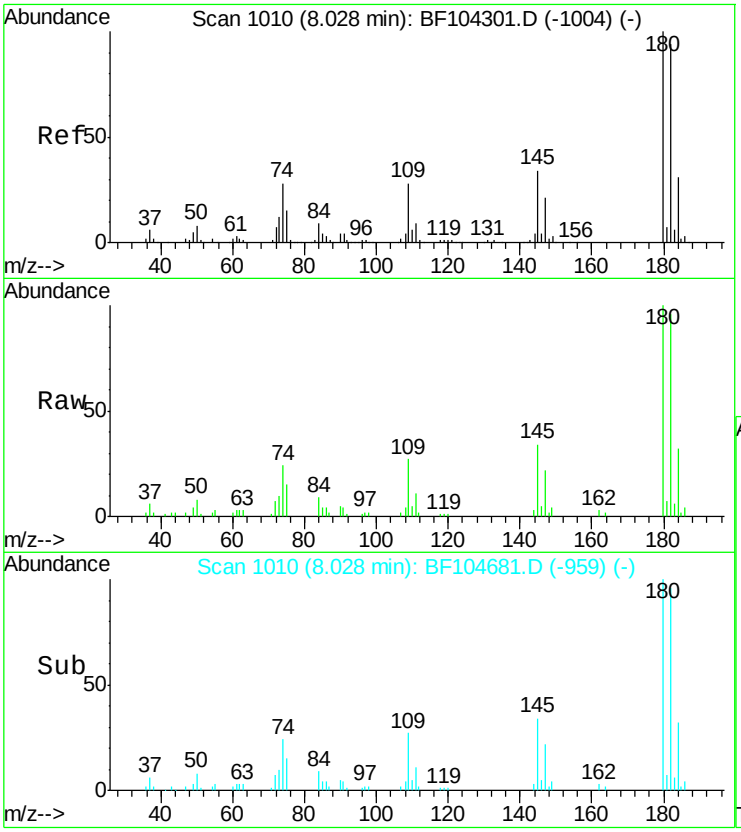


#29
2,4-Dichlorophenol
Concen: 3.272 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:162 Resp: 18950

Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	35.4	18.1	58.1



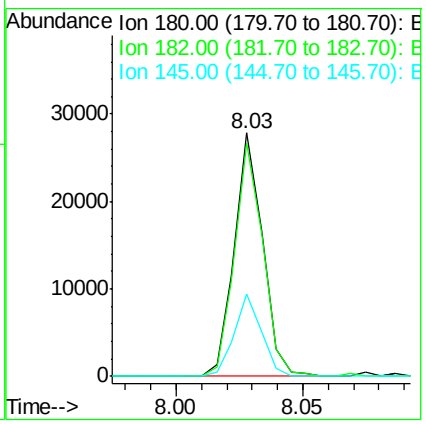


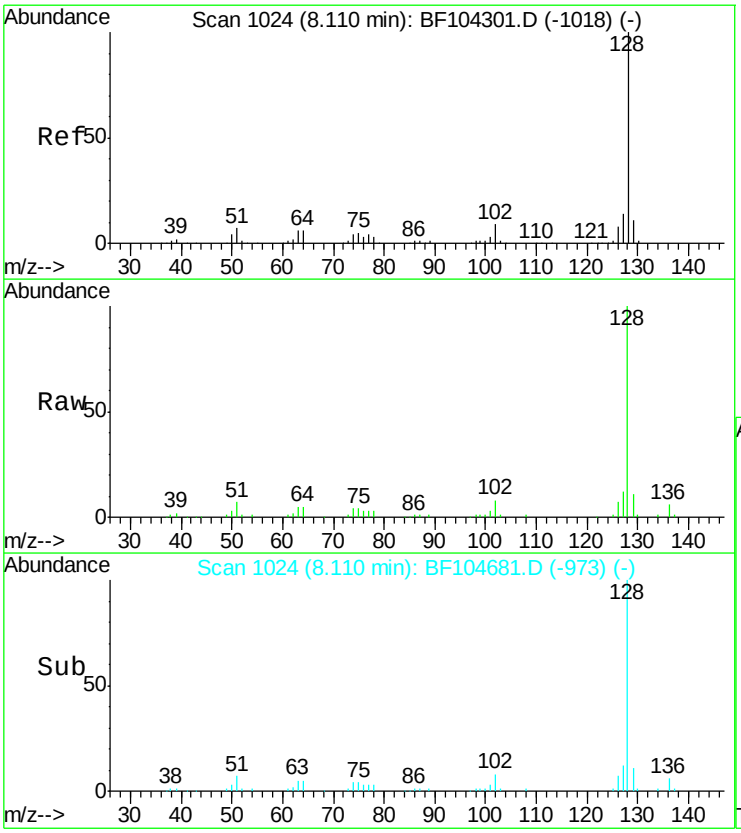
#30
1,2,4-Trichlorobenzene
Concen: 3.394 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:180 Resp: 21578

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	33.6	26.5	39.7

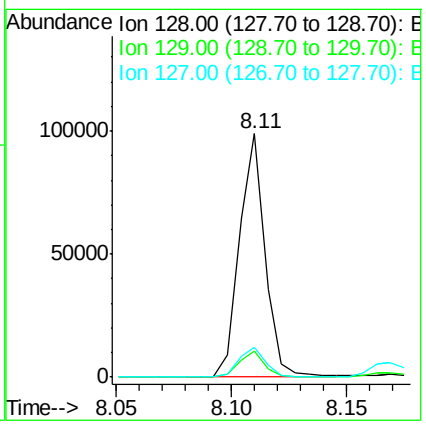


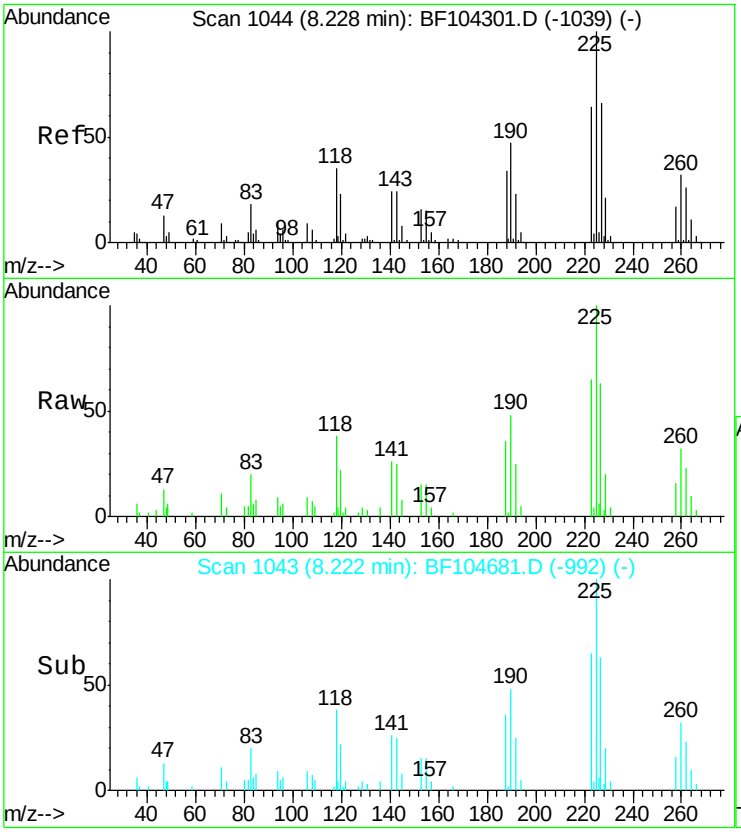


#31
Naphthalene
Concen: 3.638 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:128 Resp: 76943

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.4	10.9	16.3



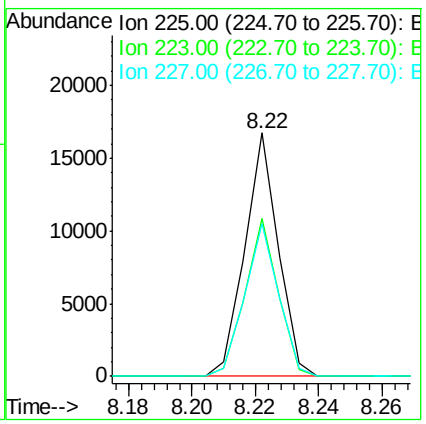


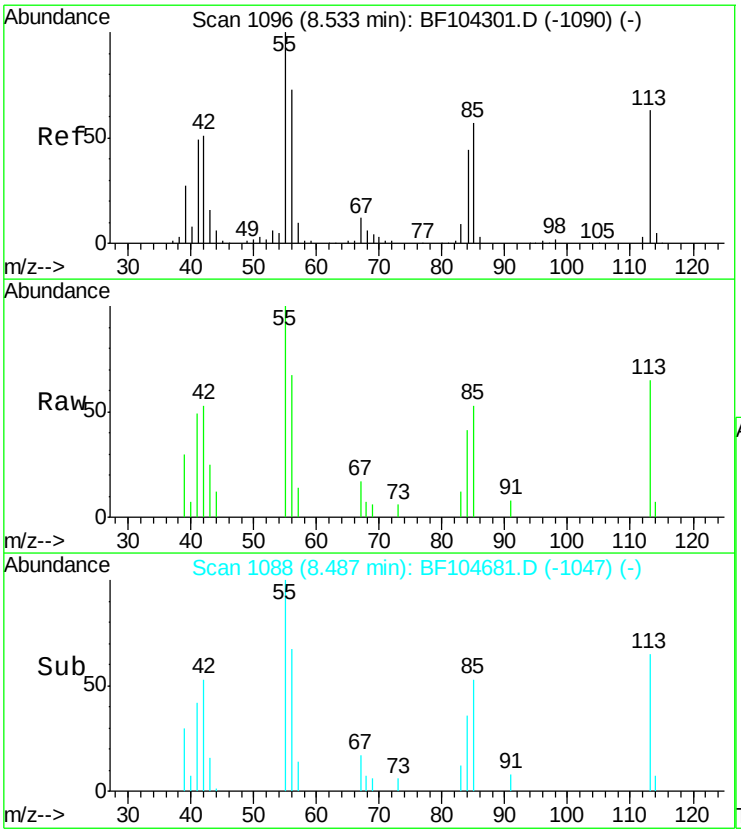
#34
Hexachlorobutadiene
Concen: 3.516 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:225 Resp: 12242

Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	62.9	51.9	77.9

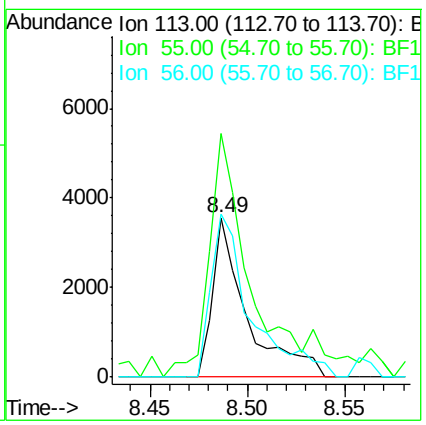


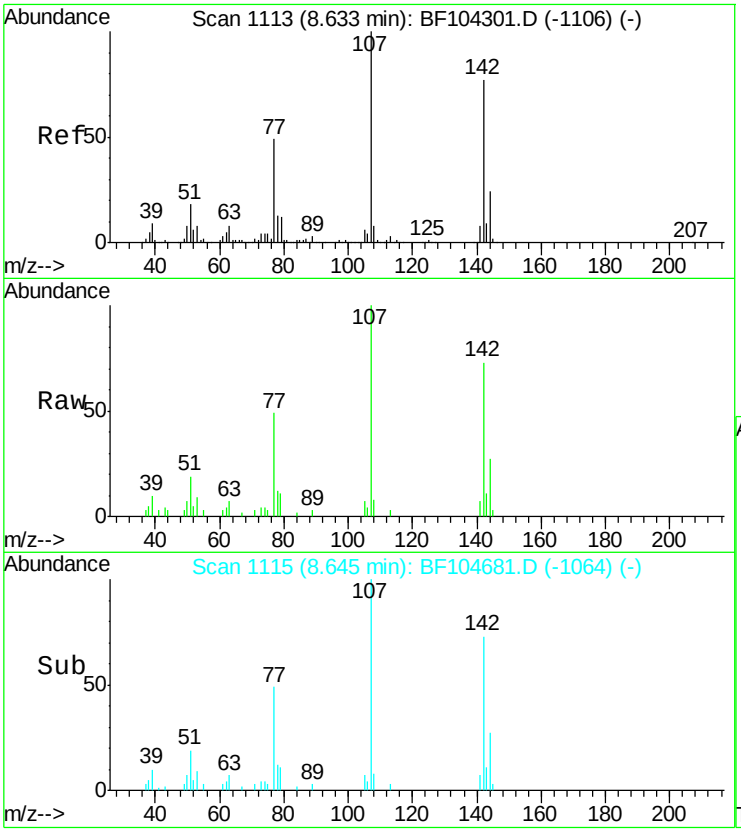


#35
Caprolactam
Concen: 2.136 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.06 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:113 Resp: 4316

Ion	Ratio	Lower	Upper
113	100		
55	153.0	163.3	203.3#
56	102.2	115.7	155.7#



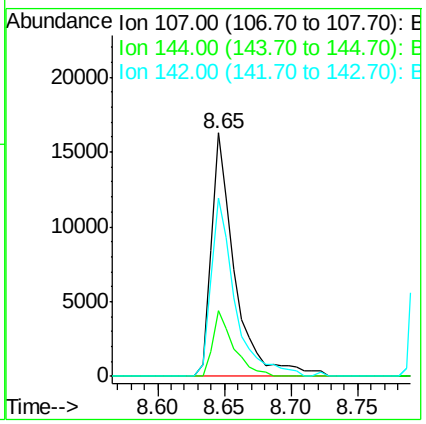


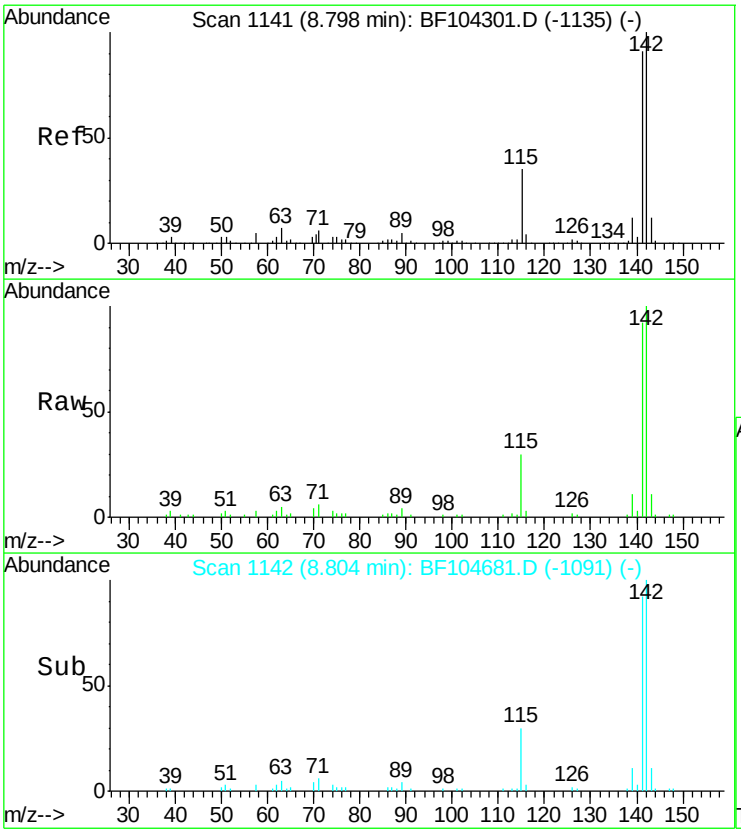
#36
4-Chloro-3-methylphenol
Concen: 3.242 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:107 Resp: 20136

Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	73.2	62.0	93.0

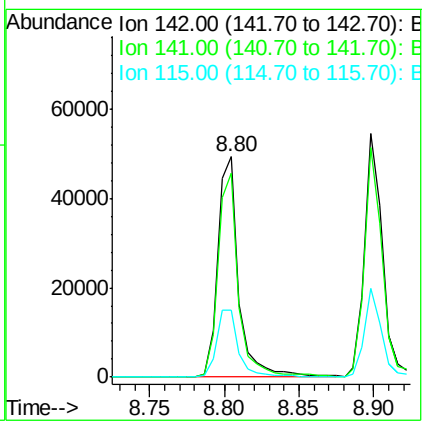


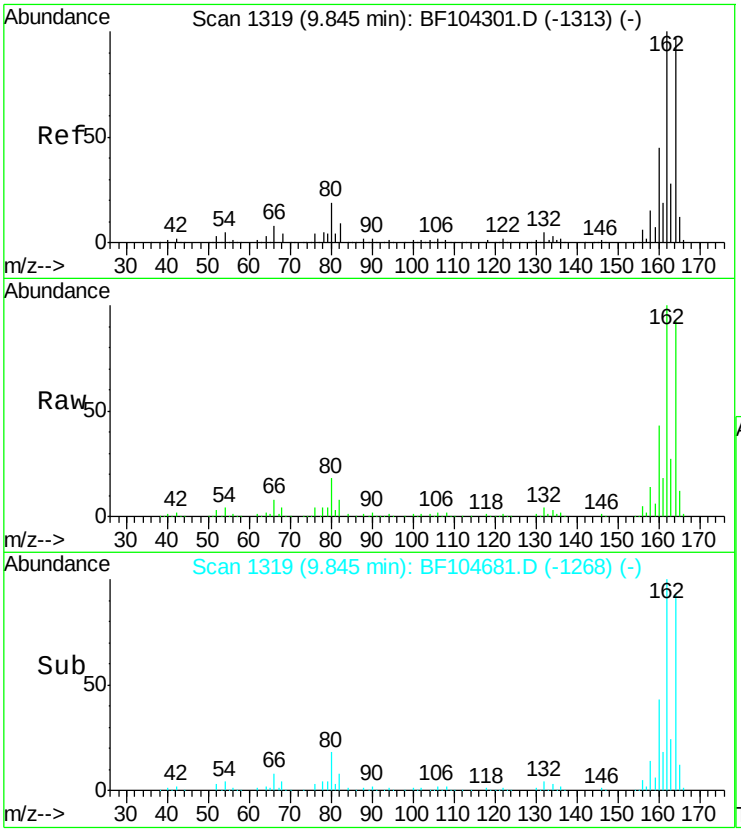


#37
2-Methylnaphthalene
Concen: 3.554 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:142 Resp: 48624

Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	30.3	26.1	39.1



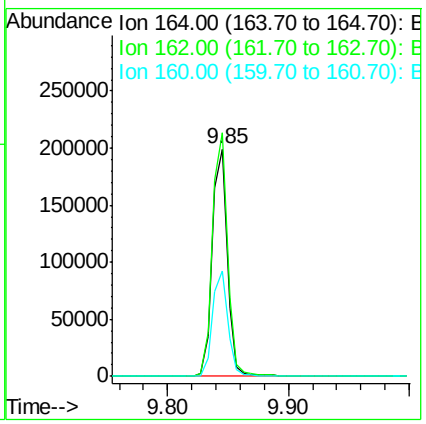


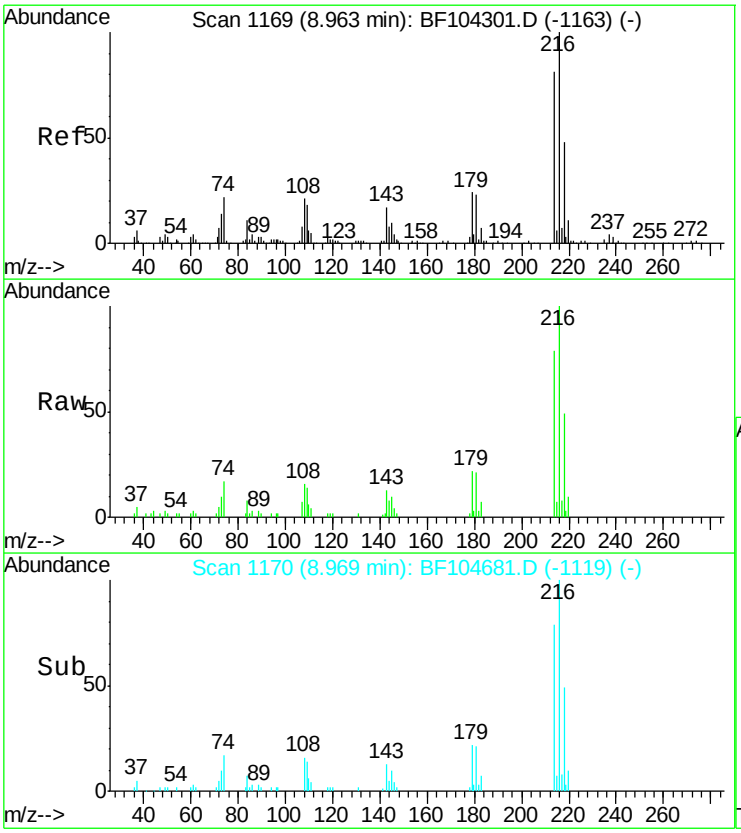
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:164 Resp: 169990

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	46.3	38.3	57.5

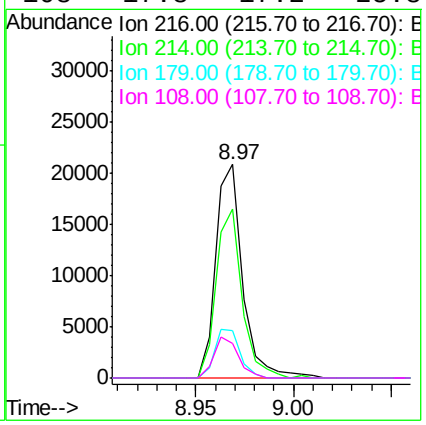


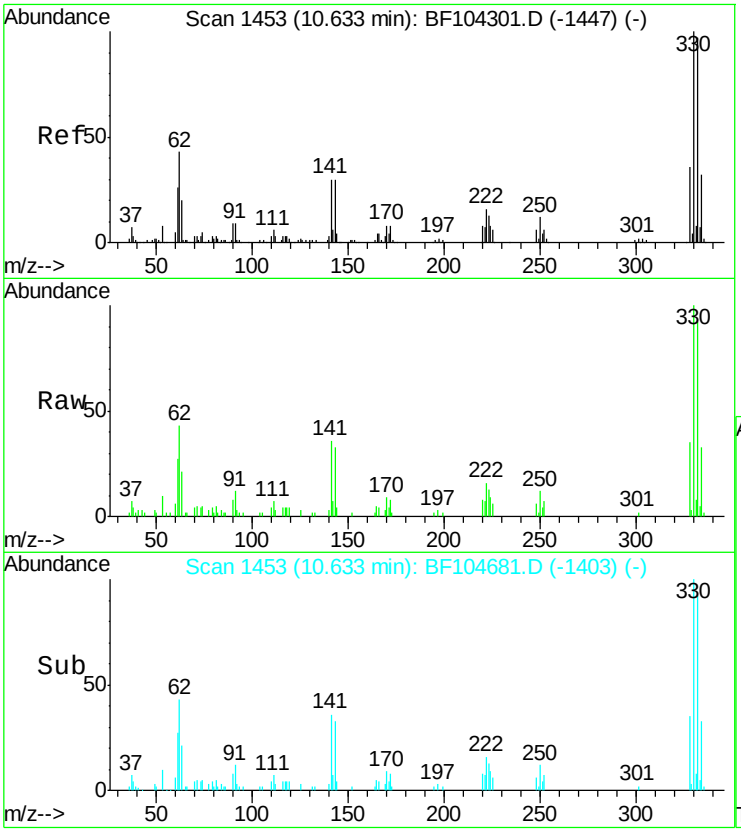


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.062 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:216 Resp: 19764

Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	21.6	18.1	27.1
108	17.8	17.2	25.8



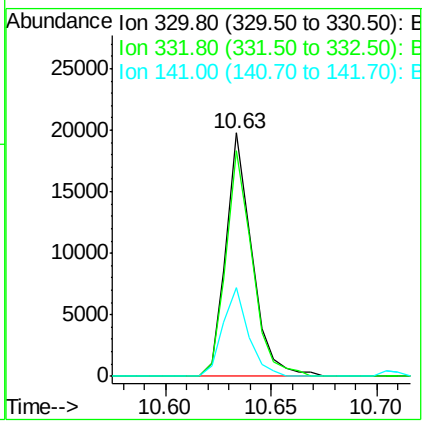


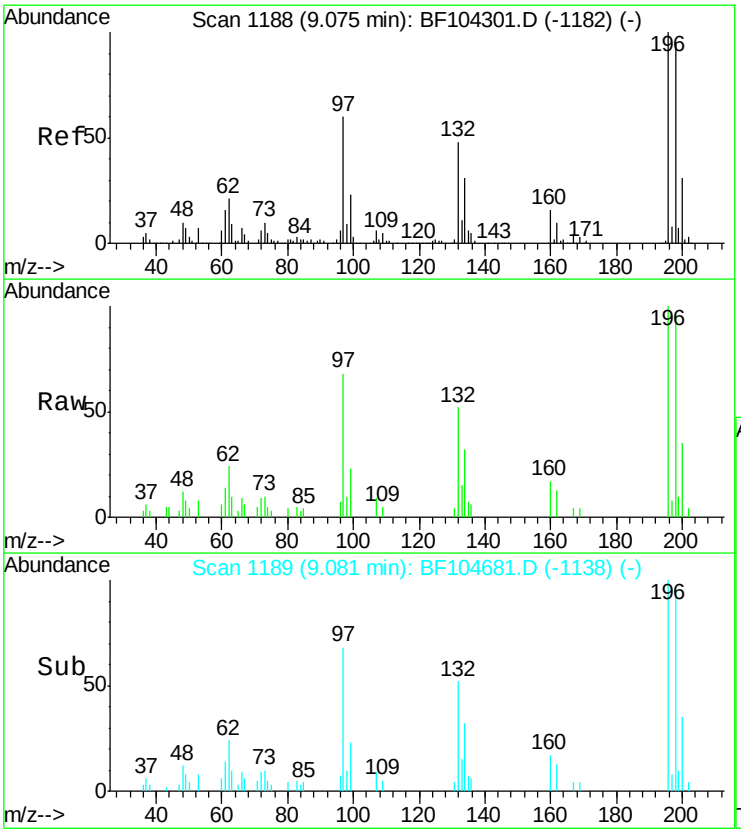
#41
2,4,6-Tribromophenol
Concen: 9.552 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:330 Resp: 16843

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	35.6	29.9	44.9

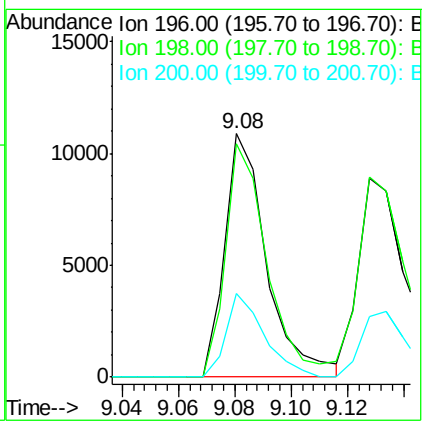


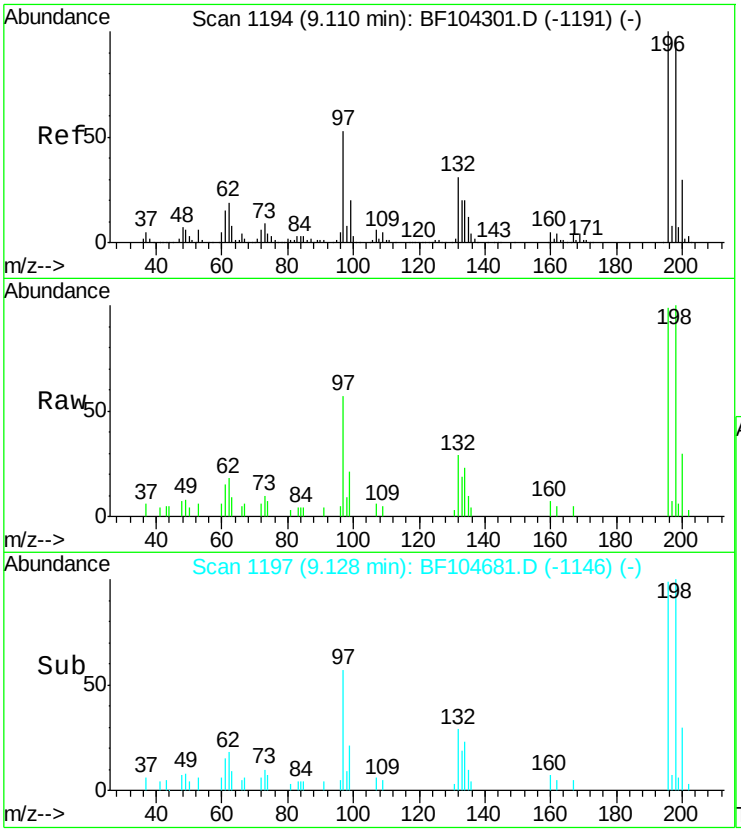


#42
2,4,6-Trichlorophenol
Concen: 3.336 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:196 Resp: 11270

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	34.5	24.5	36.7



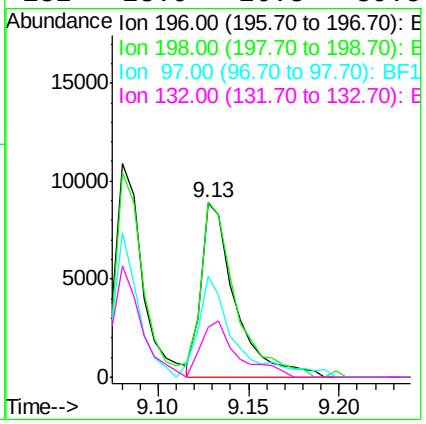


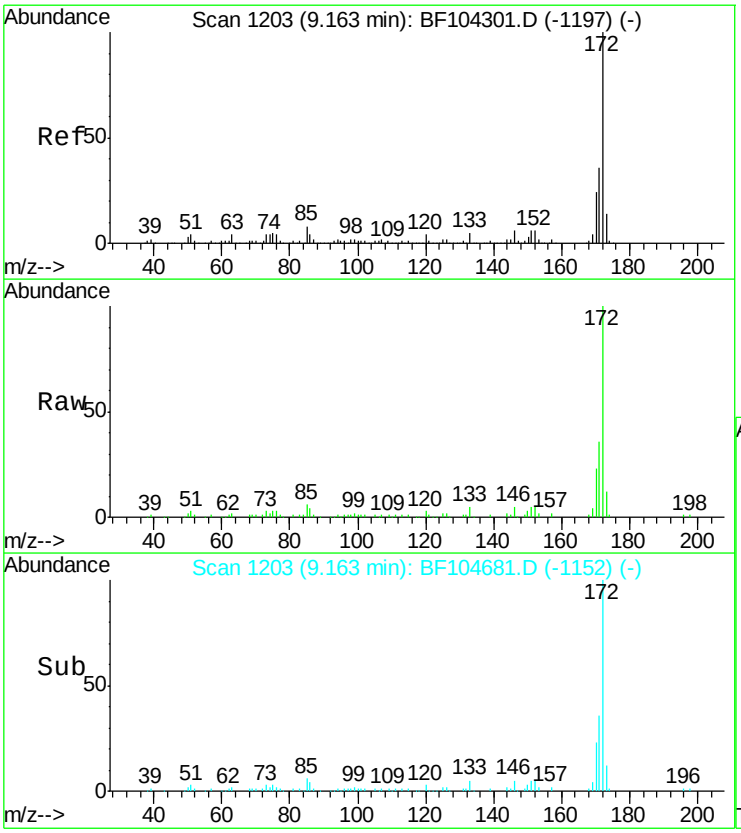
#43
2,4,5-Trichlorophenol
Concen: 3.098 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:196 Resp: 11710

Ion	Ratio	Lower	Upper
196	100		
198	100.7	74.6	112.0
97	57.8	42.9	64.3
132	28.9	26.3	39.5

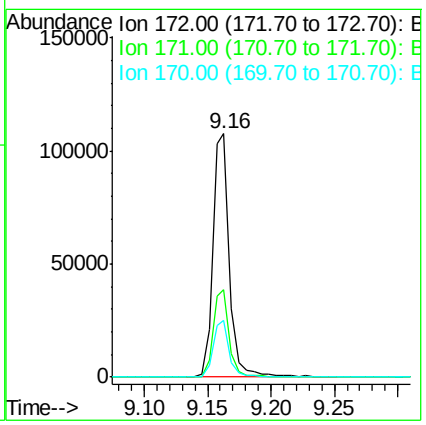


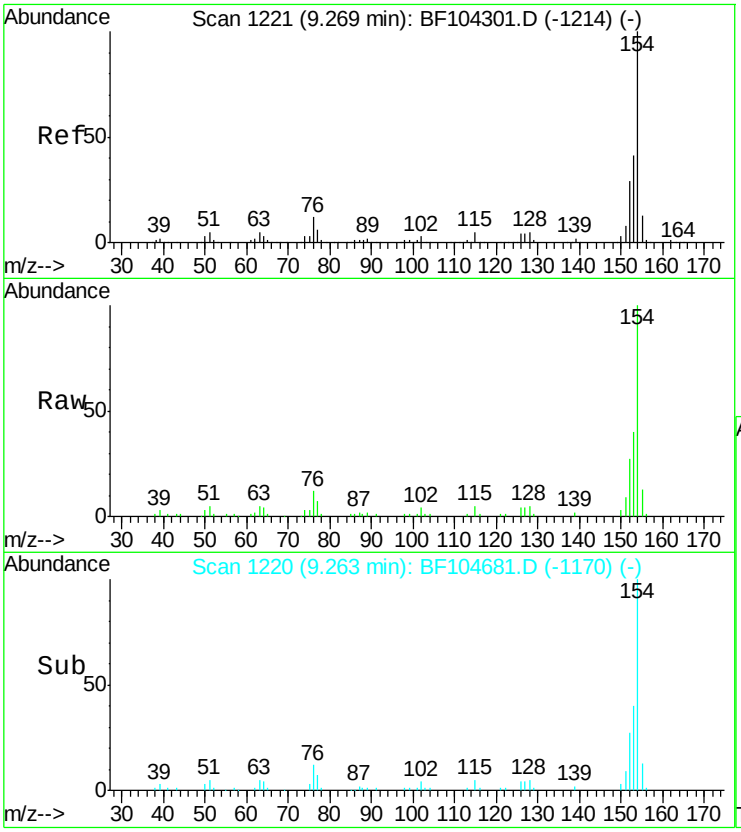


#44
2-Fluorobiphenyl
Concen: 9.255 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:172 Resp: 99590

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4



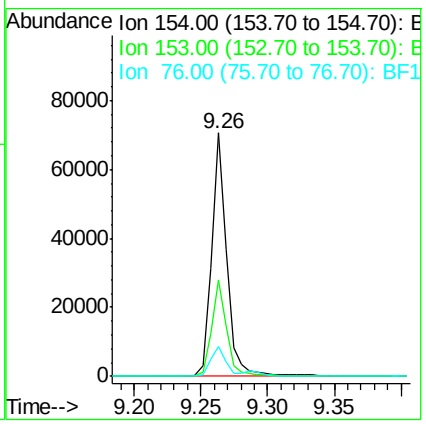


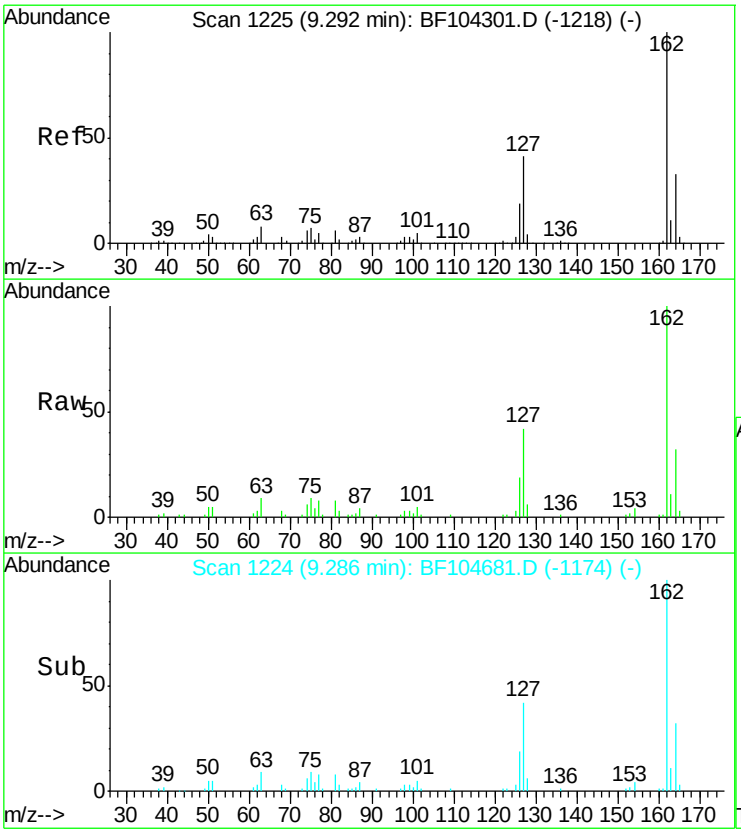
#45
1,1'-Biphenyl
Concen: 3.968 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:154 Resp: 56670

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	12.4	0.0	34.0

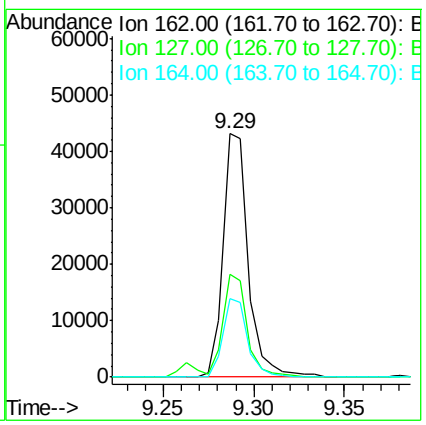


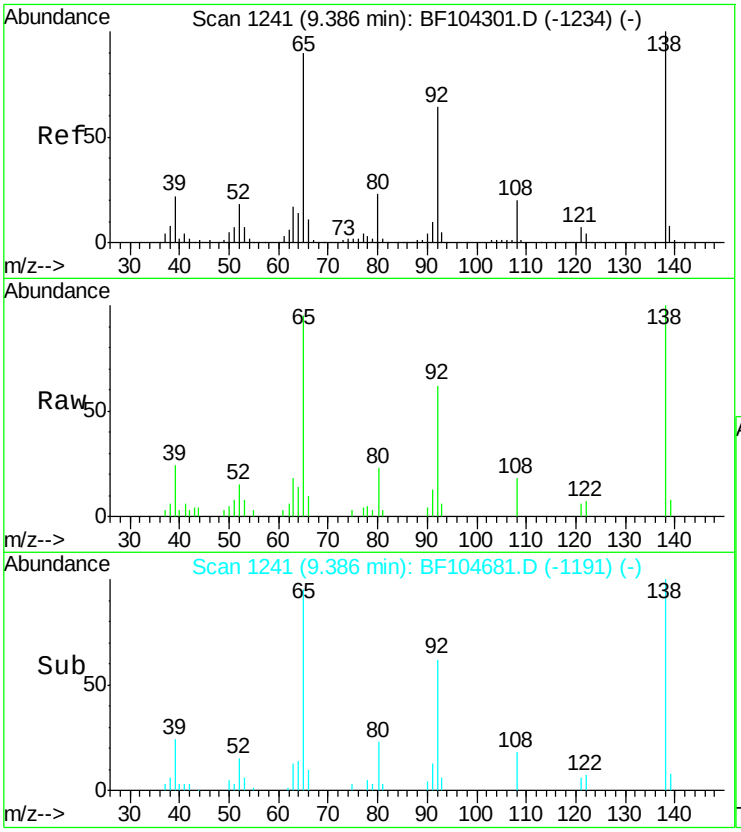


#46
2-Chloronaphthalene
Concen: 3.711 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:162 Resp: 41854

Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	32.3	26.5	39.7



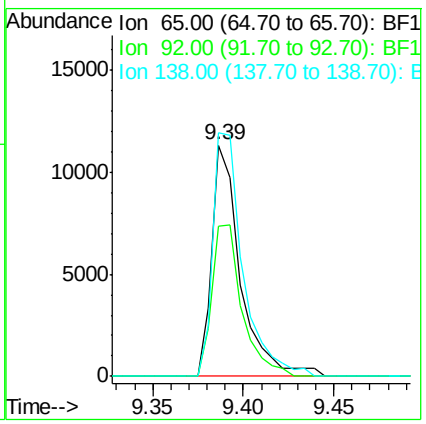


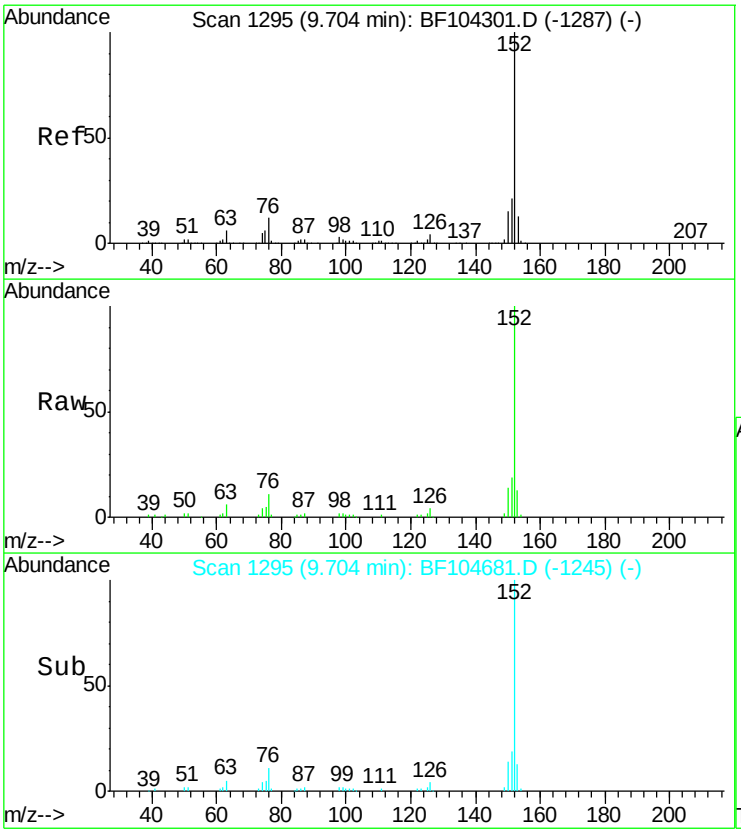
#47
2-Nitroaniline
Concen: 4.452 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion: 65 Resp: 12419

Ion	Ratio	Lower	Upper
65	100		
92	64.9	55.8	83.6
138	105.2	91.2	136.8

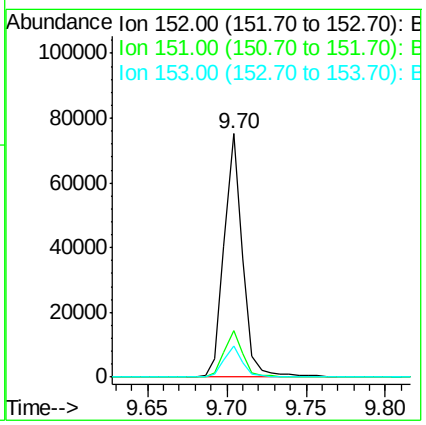


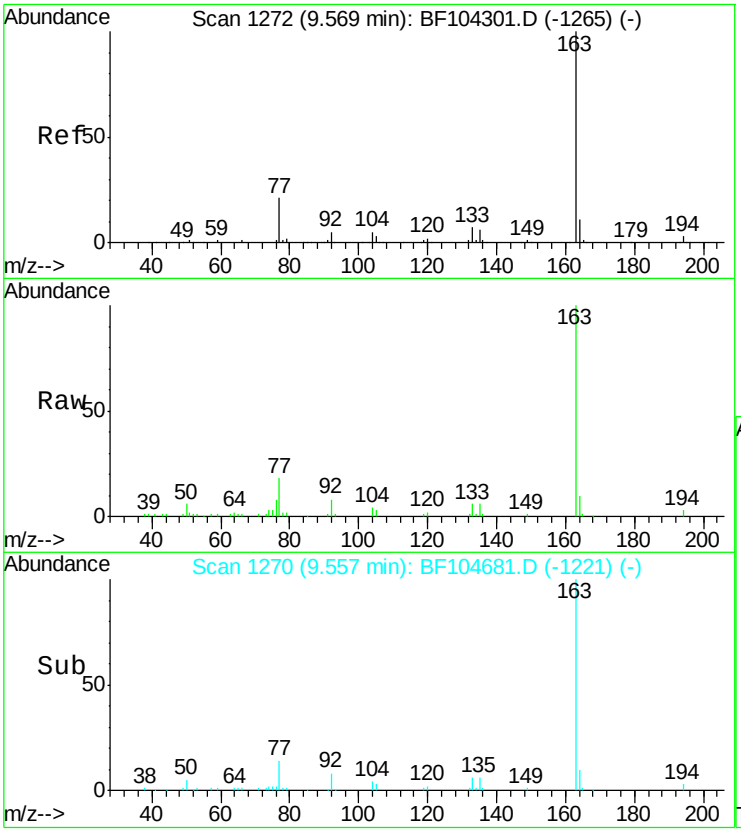


#48
Acenaphthylene
Concen: 3.407 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:152 Resp: 60295

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	12.8	10.7	16.1



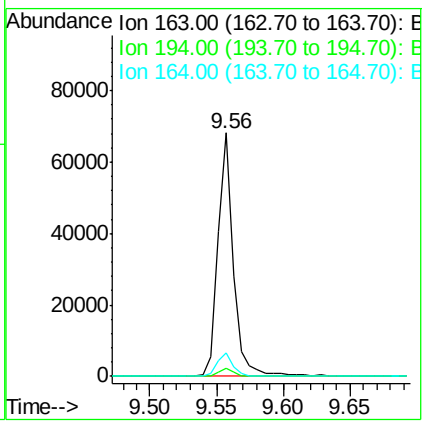


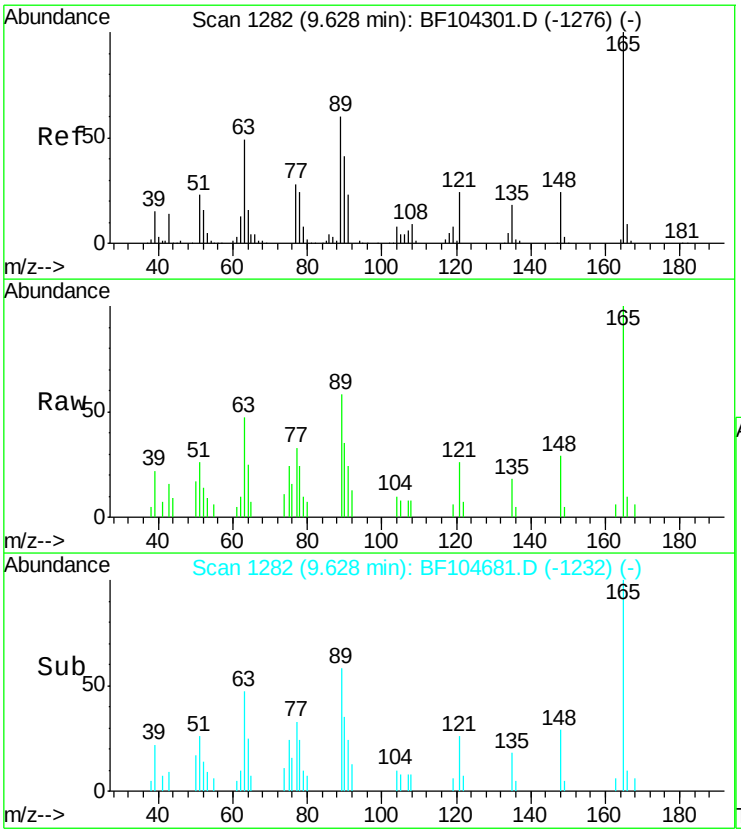
#49
Dimethylphthalate
Concen: 4.166 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:163 Resp: 55841

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.6	8.2	12.2

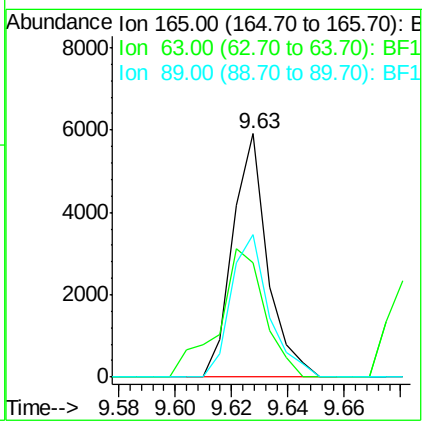


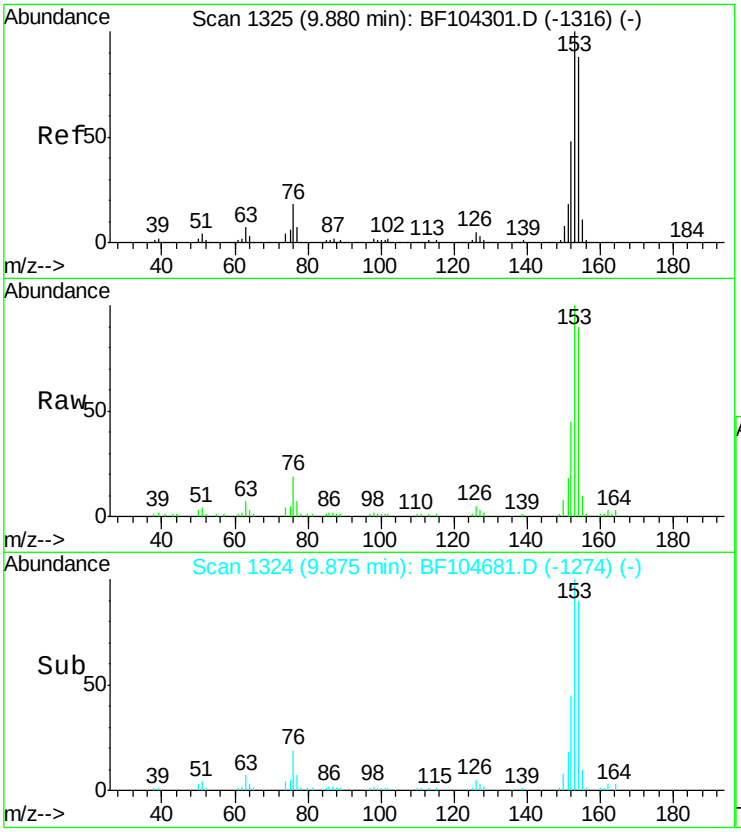


#50
2,6-Dinitrotoluene
Concen: 2.038 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:165 Resp: 5056

Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.7	67.1
89	58.4	44.0	66.0



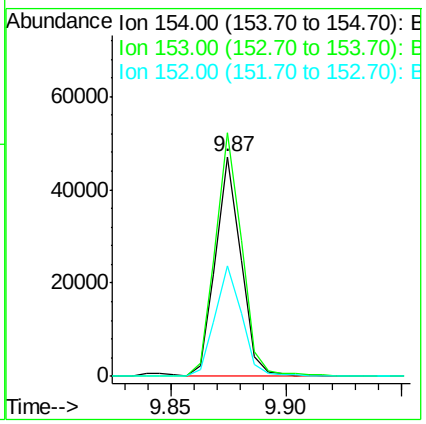


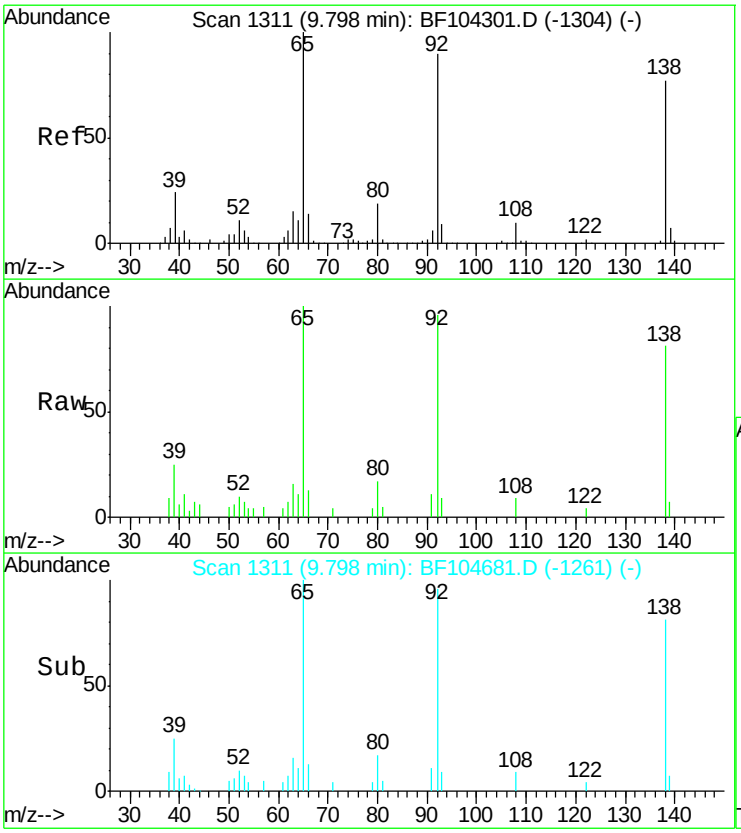
#51
Acenaphthene
Concen: 3.342 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:154 Resp: 36088

Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.2	136.8
152	50.1	43.8	65.8

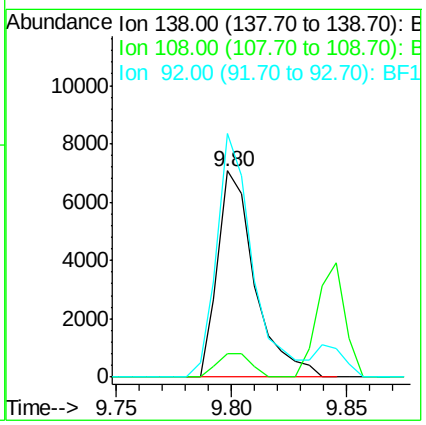


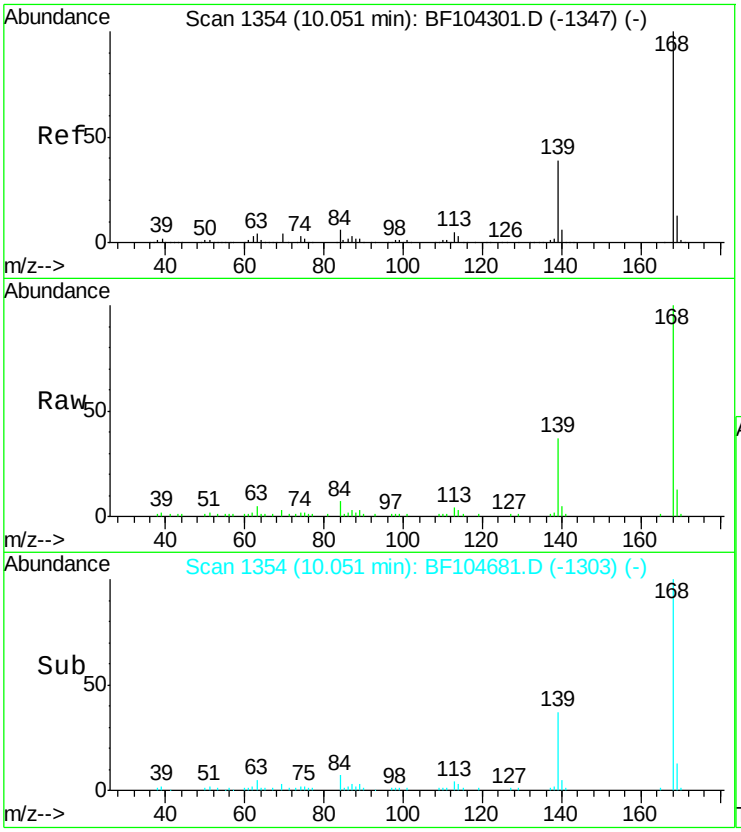


#52
3-Nitroaniline
Concen: 2.725 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:138 Resp: 7914

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.0
92	118.2	89.4	134.2



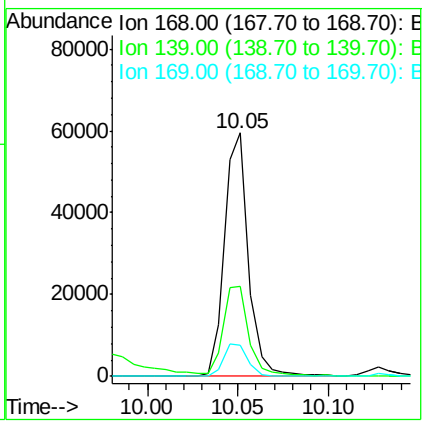


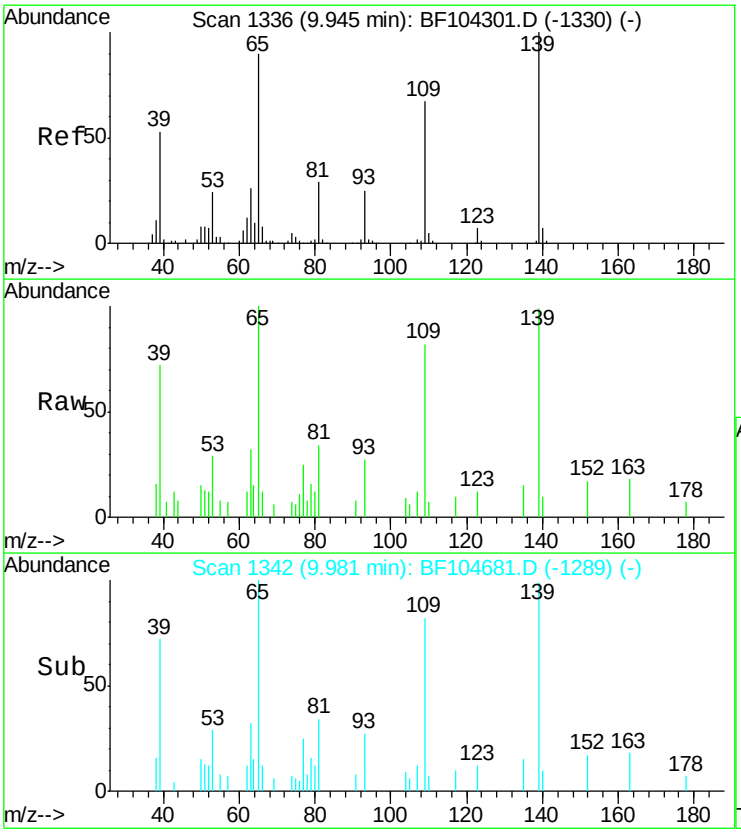
#54
Dibenzofuran
Concen: 3.633 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:168 Resp: 54668

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	12.9	10.9	16.3

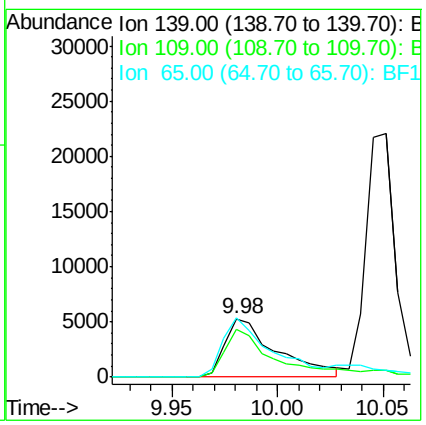


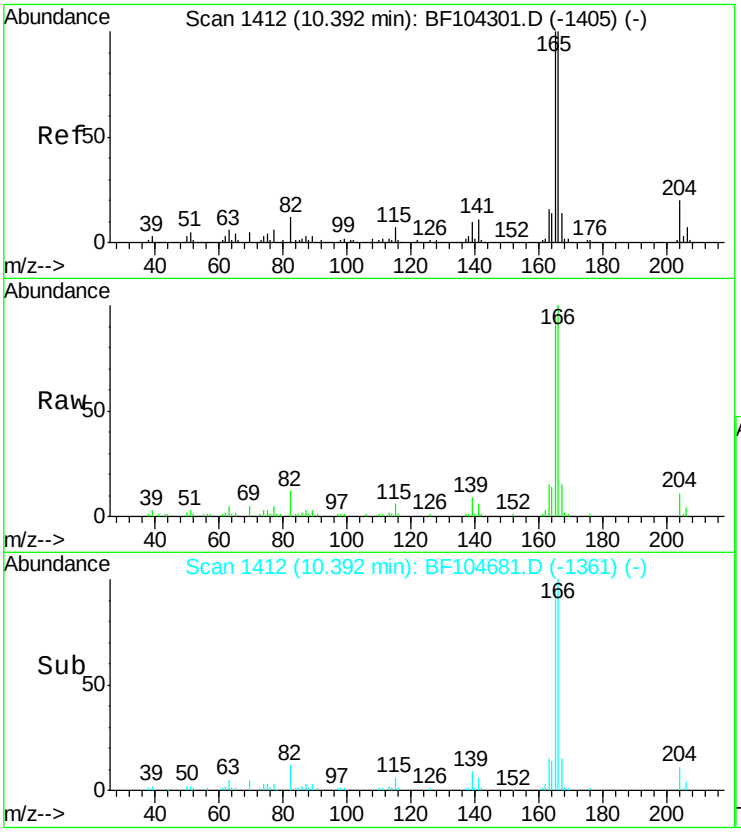


#55
4-Nitrophenol
Concen: 3.940 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:139 Resp: 8987

Ion	Ratio	Lower	Upper
139	100		
109	82.3	48.4	88.4
65	100.5	72.6	112.6



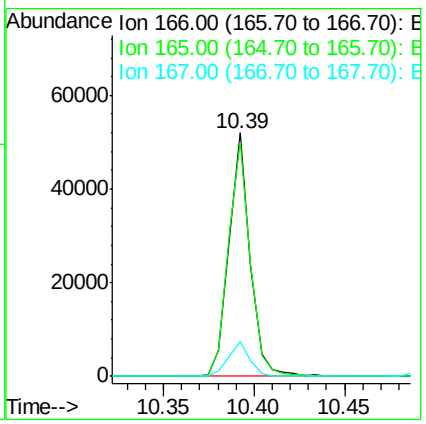


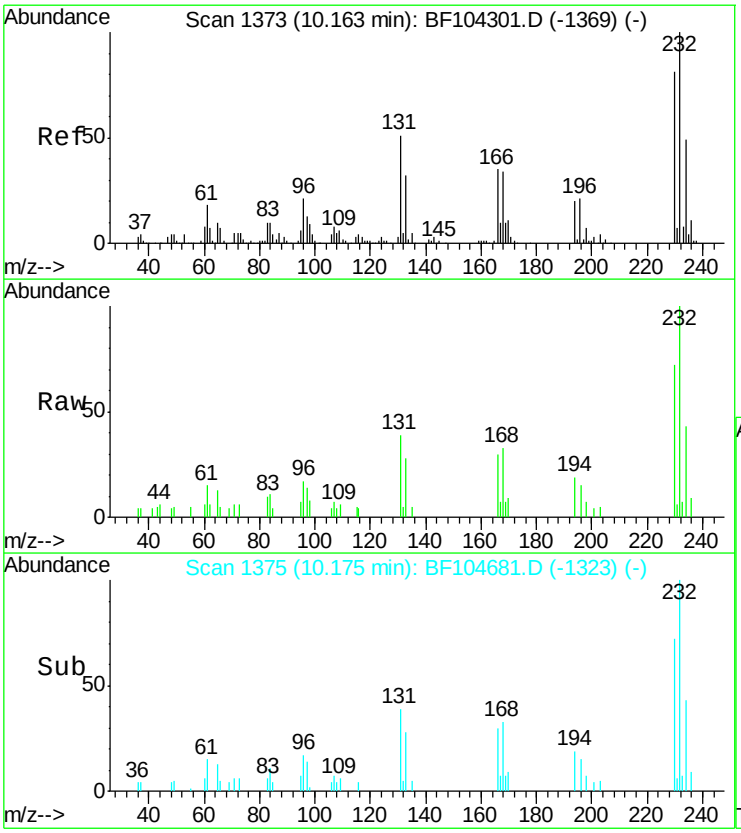
#57
Fluorene
Concen: 3.874 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:166 Resp: 42435

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.8	119.8
167	14.6	10.6	16.0

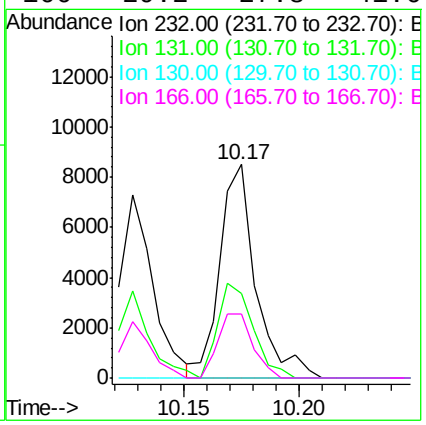


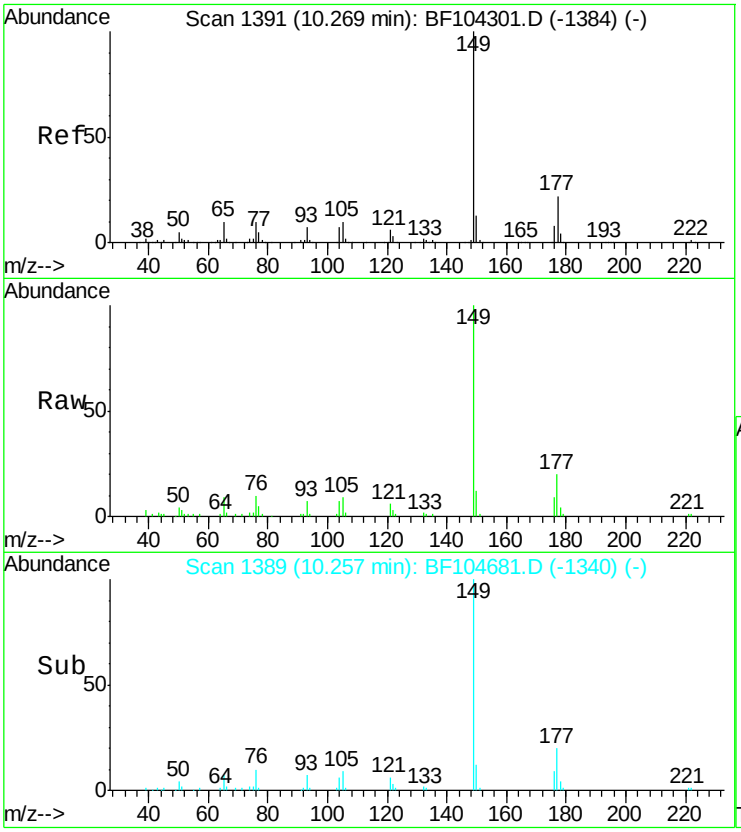


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.248 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:232 Resp: 9161

Ion	Ratio	Lower	Upper
232	100		
131	43.6	43.8	65.8#
130	0.0	2.1	3.1#
166	29.2	27.8	41.6



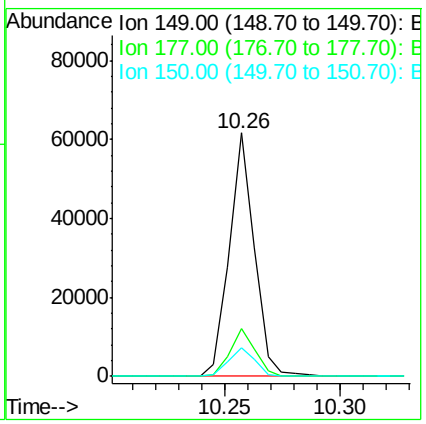


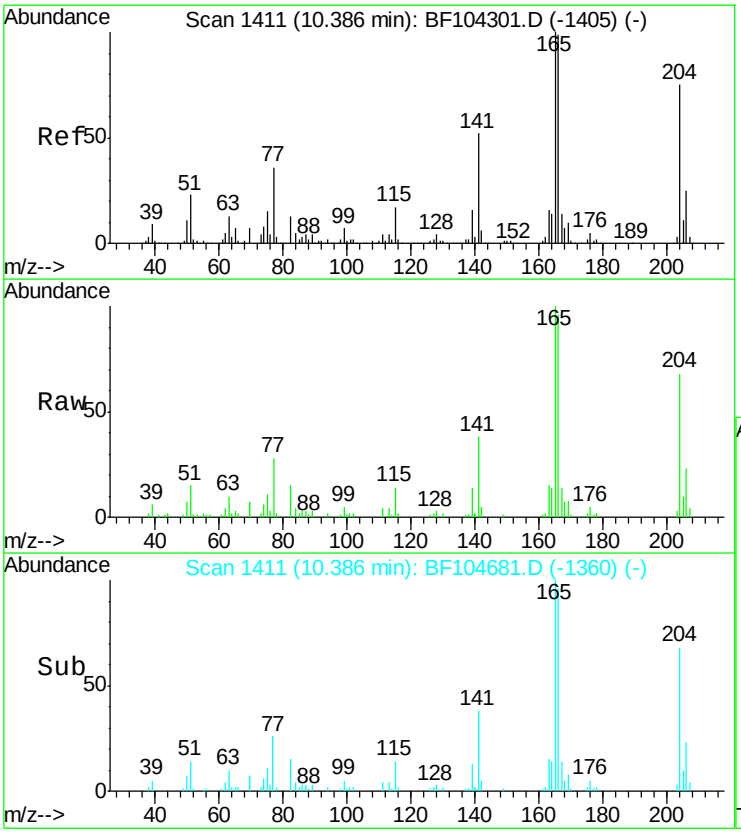
#59
Diethylphthalate
Concen: 3.494 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:149 Resp: 46645

Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.1	24.1
150	12.0	10.1	15.1

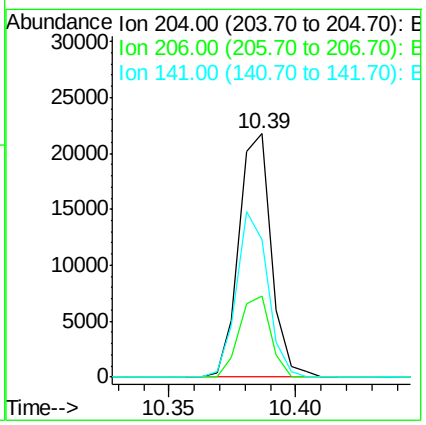


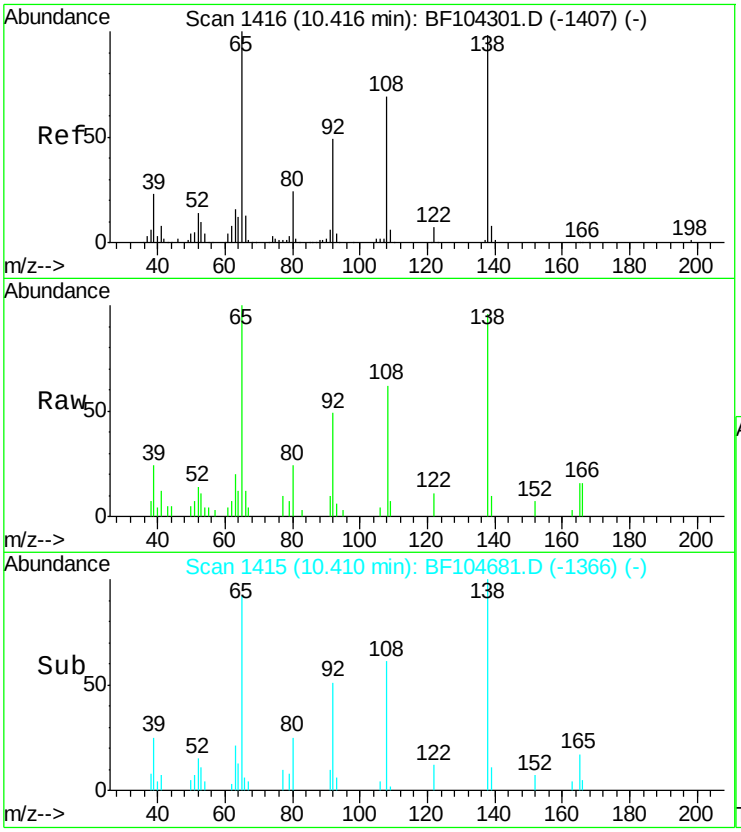


#60
4-Chlorophenyl-phenylether
Concen: 3.960 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:204 Resp: 19318

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	56.2	54.6	81.8



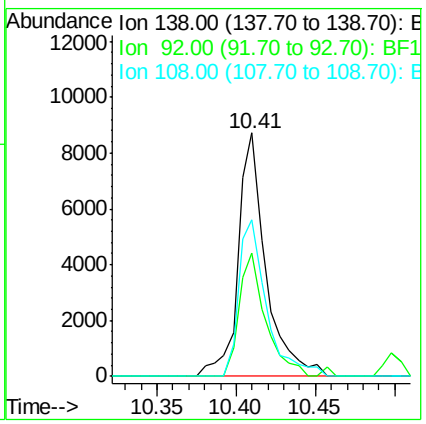


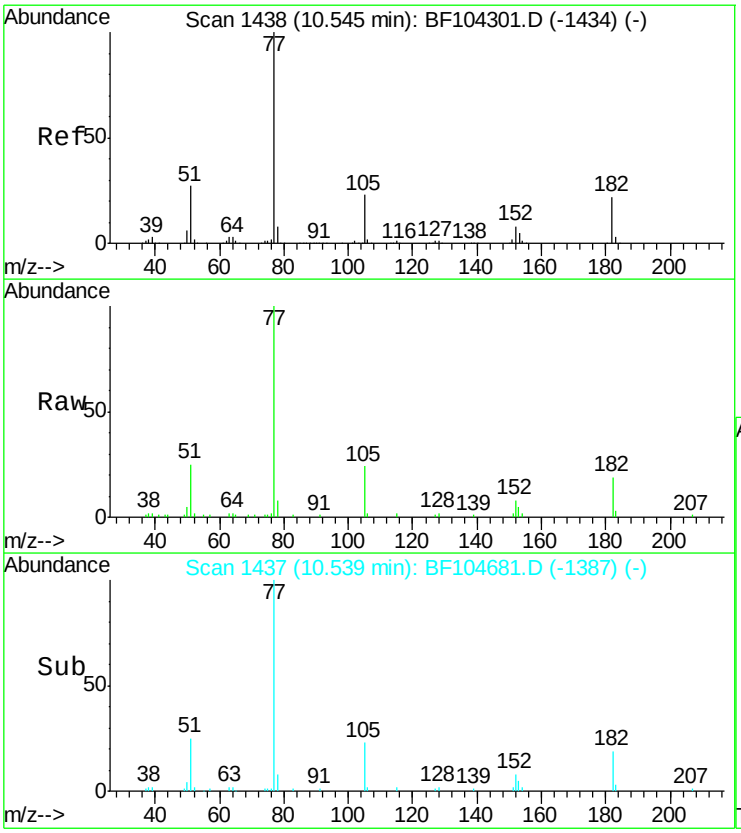
#61
4-Nitroaniline
Concen: 3.710 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:138 Resp: 10535

Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.2	70.2
108	64.3	52.5	92.5

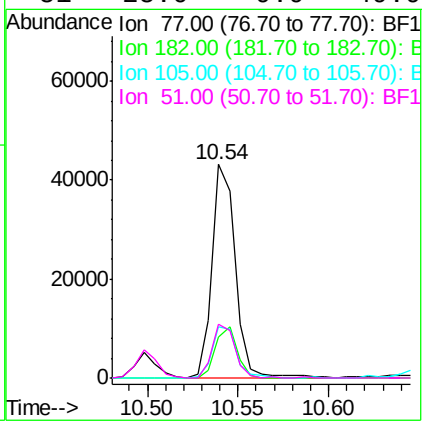


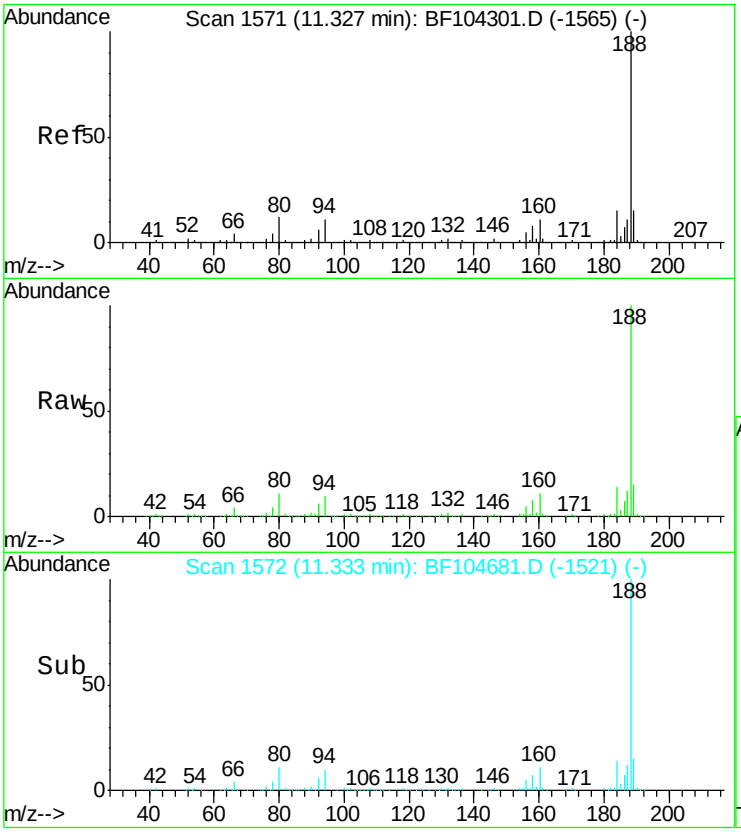


#62
Azobenzene
Concen: 3.040 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion: 77 Resp: 38776

Ion	Ratio	Lower	Upper
77	100		
182	19.5	1.7	41.7
105	24.1	3.0	43.0
51	25.0	9.9	49.9



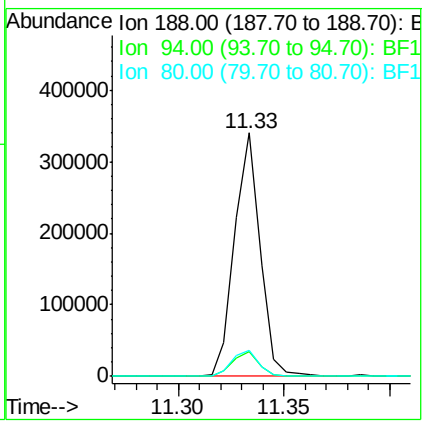


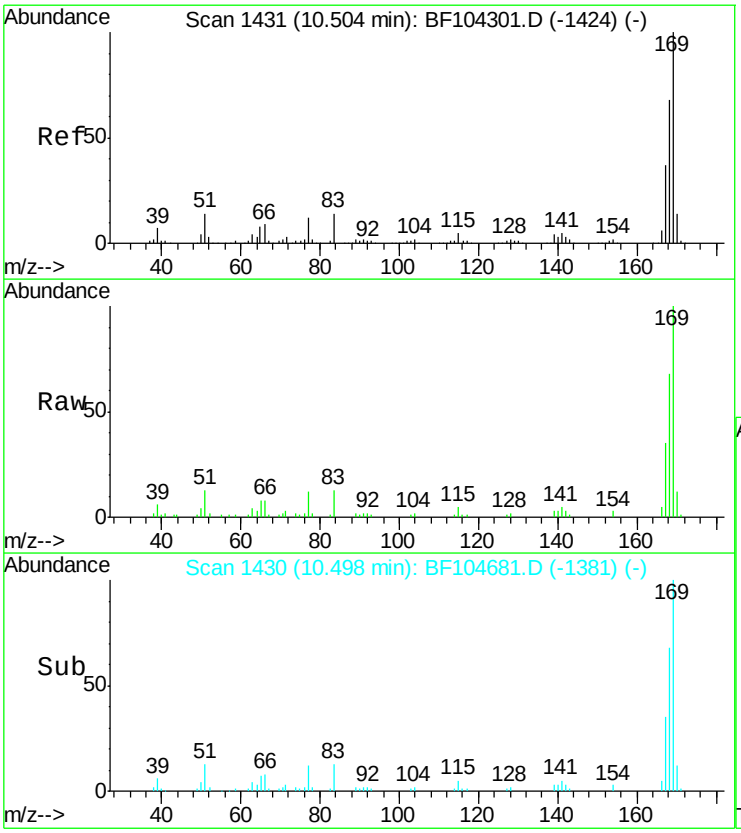
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:188 Resp: 283456

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8

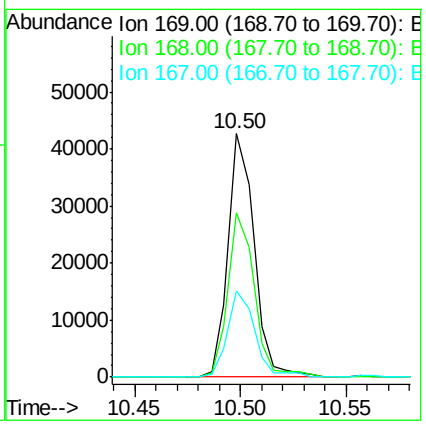


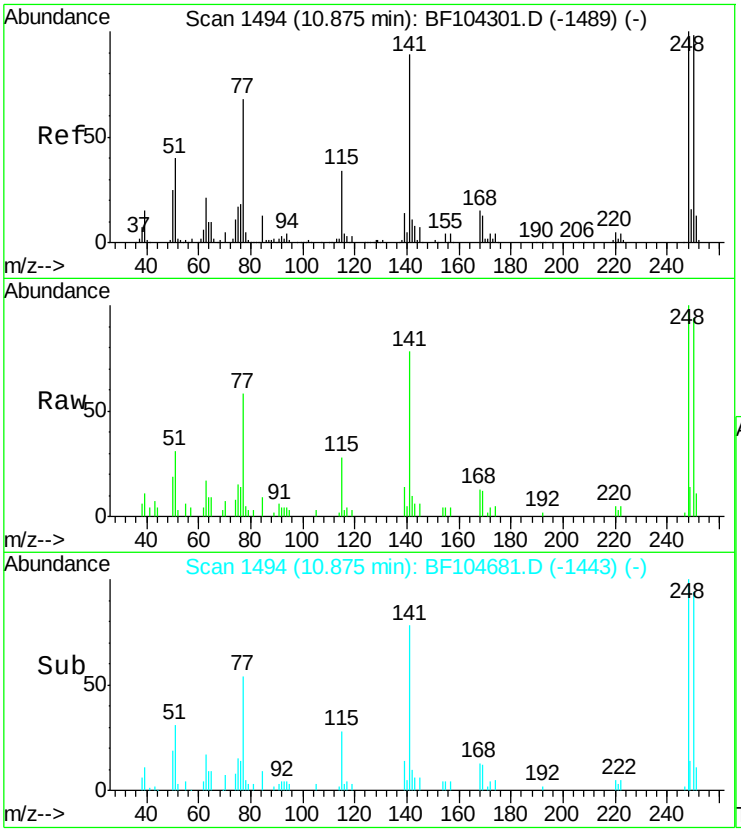


#65
n-Nitrosodiphenylamine
Concen: 3.710 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:169 Resp: 36459

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	35.2	29.8	44.6



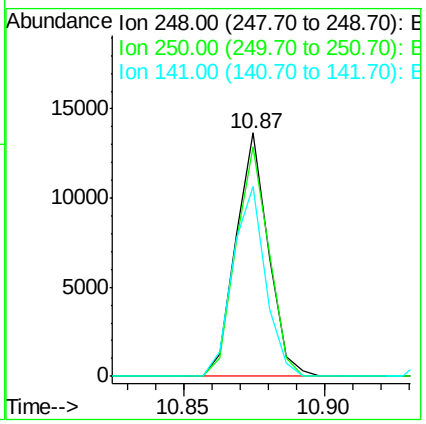


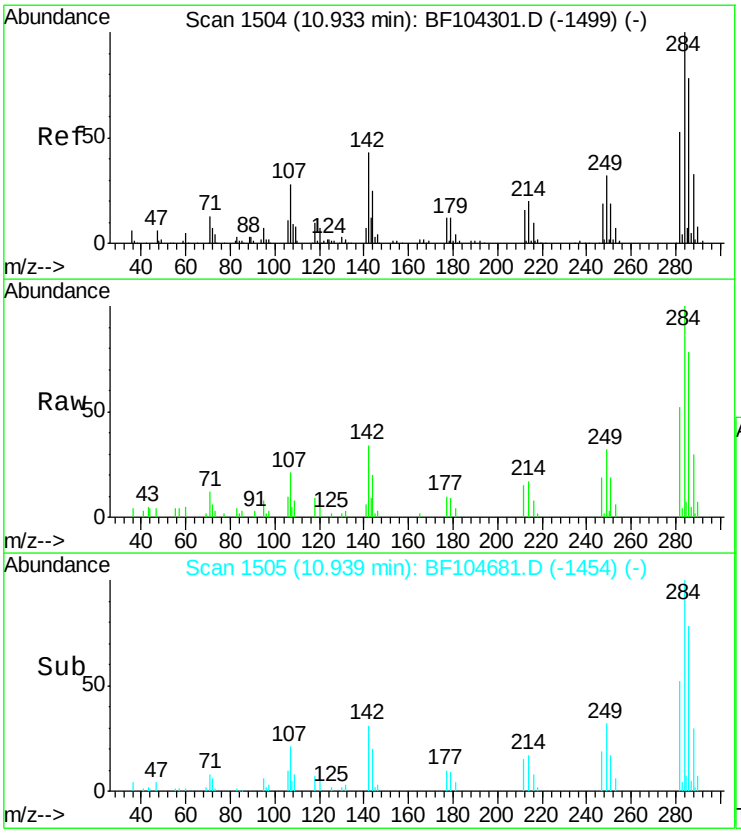
#66
4-Bromophenyl-phenylether
Concen: 3.616 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:248 Resp: 10902

Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.9	115.3
141	78.0	74.4	111.6

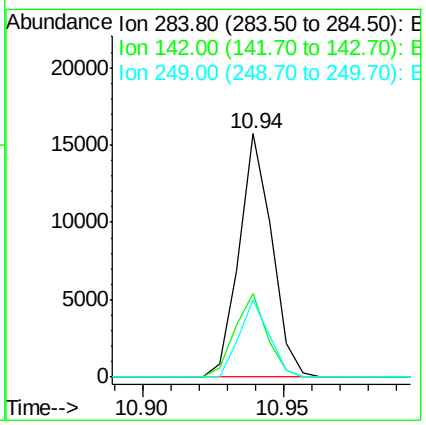


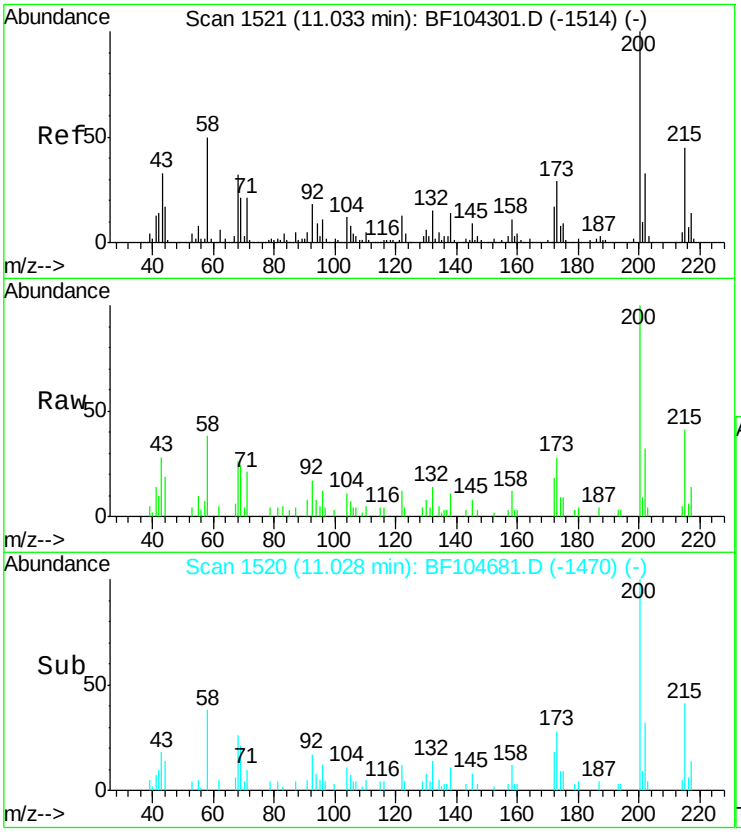


#67
Hexachlorobenzene
Concen: 3.744 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:284 Resp: 12701

Ion	Ratio	Lower	Upper
284	100		
142	34.4	34.6	52.0#
249	31.8	24.8	37.2



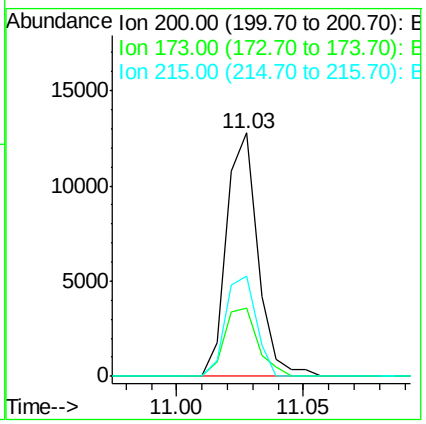


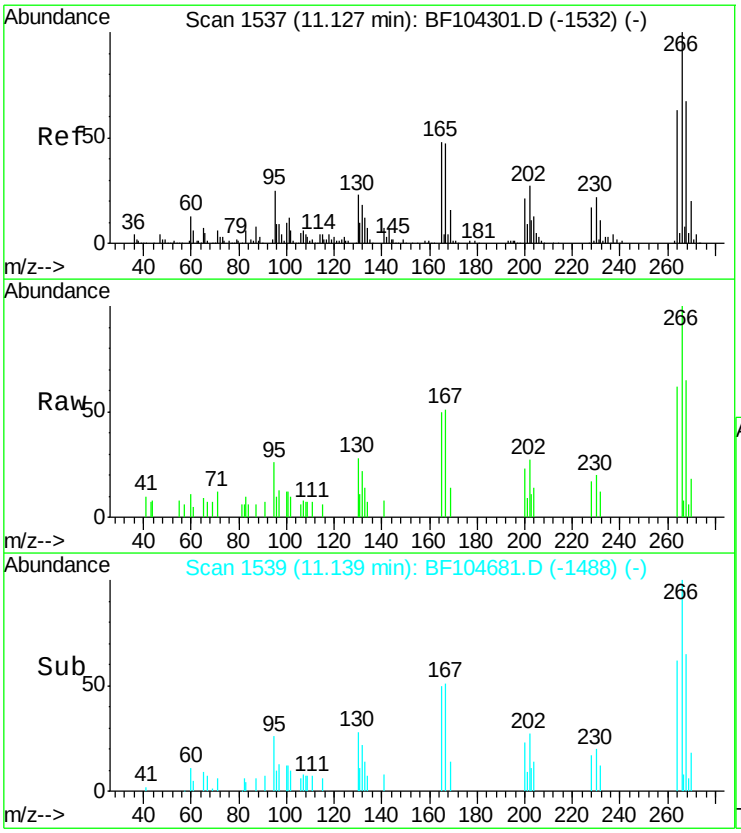
#68
Atrazine
Concen: 3.698 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:200 Resp: 10969

Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	41.3	25.1	65.1

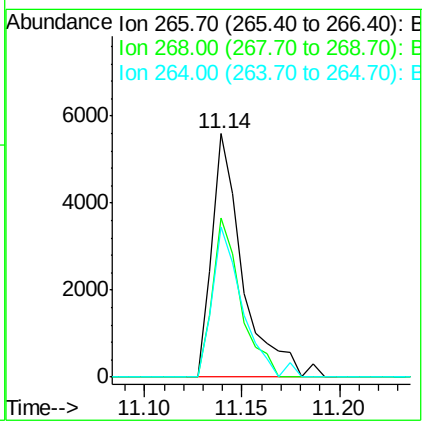


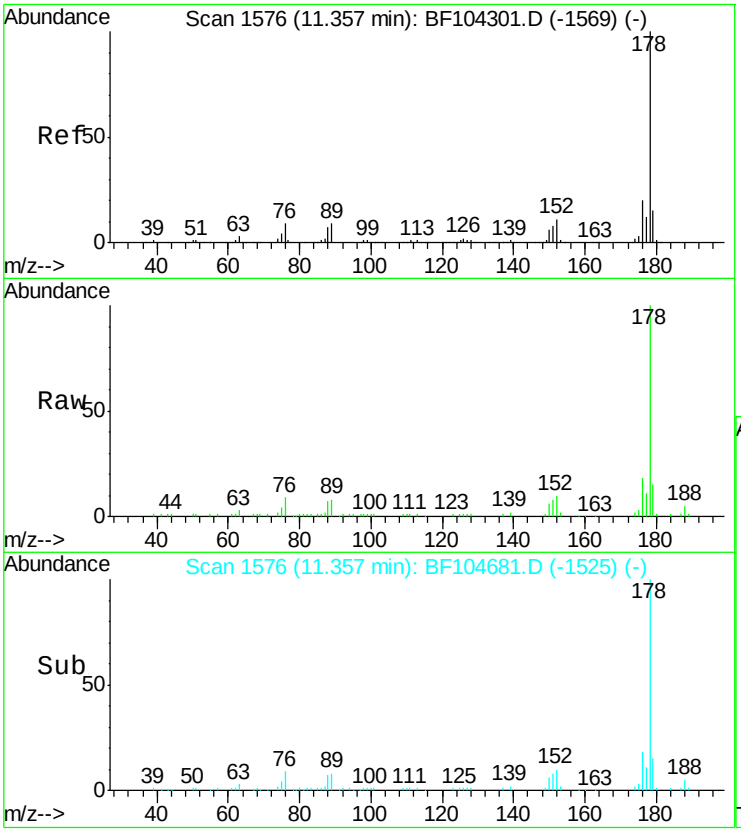


#69
Pentachlorophenol
Concen: 2.925 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:266 Resp: 6139

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	61.8	49.5	74.3



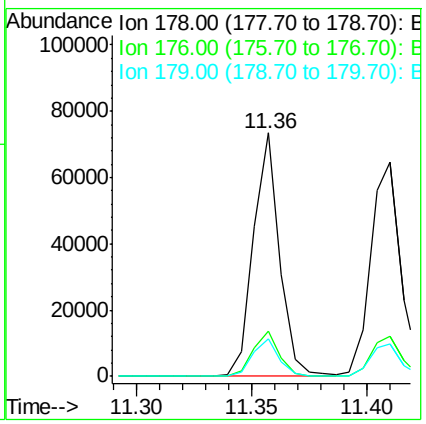


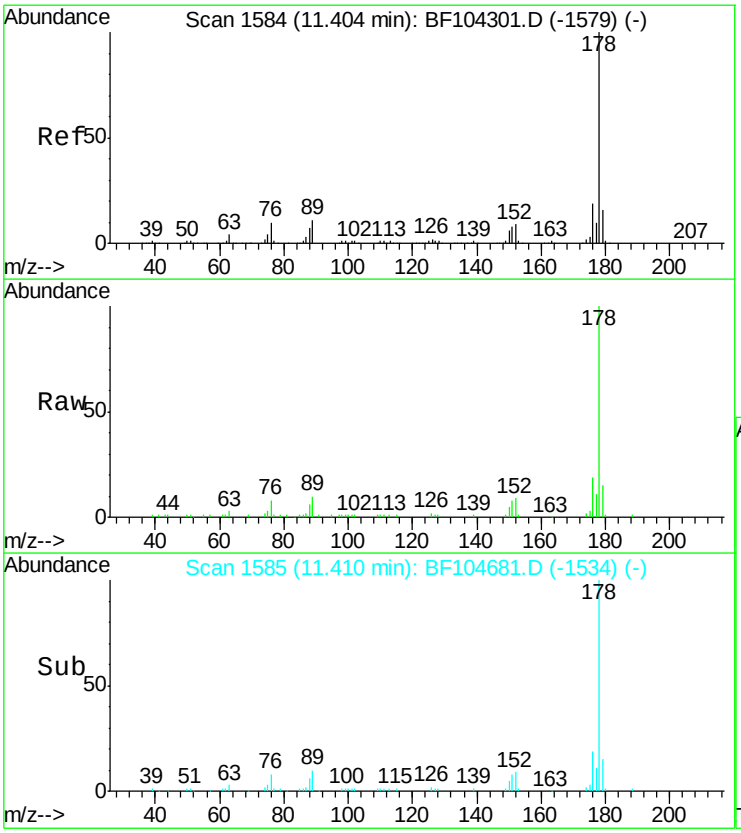
#70
Phenanthrene
Concen: 3.700 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:178 Resp: 58414

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	13.0	19.6

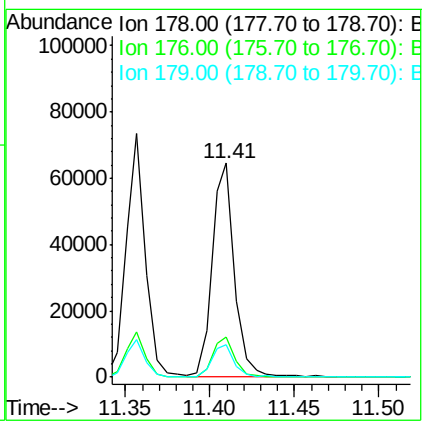


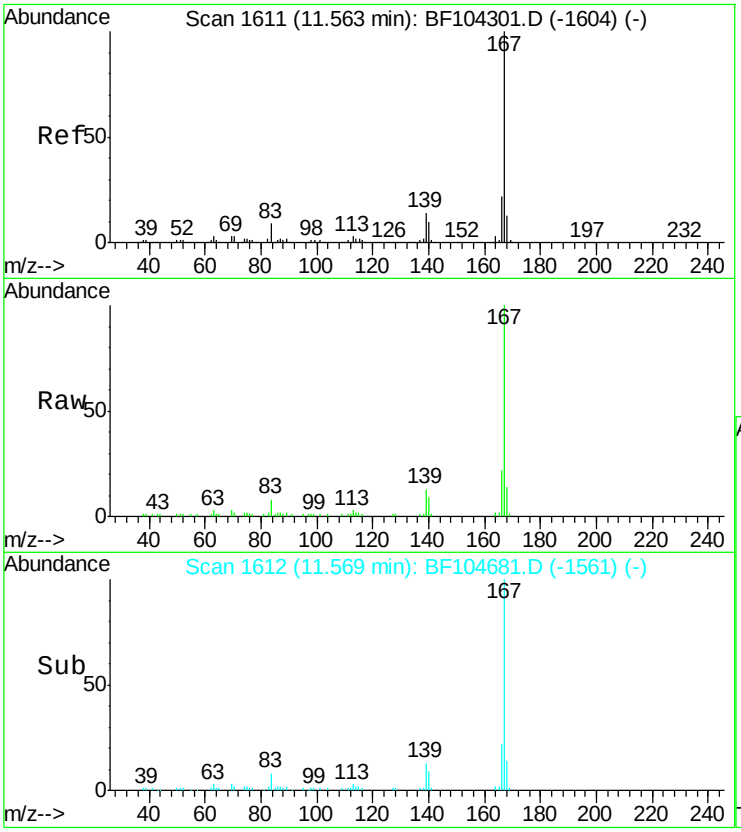


#71
Anthracene
Concen: 3.722 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:178 Resp: 59725

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.6	19.0



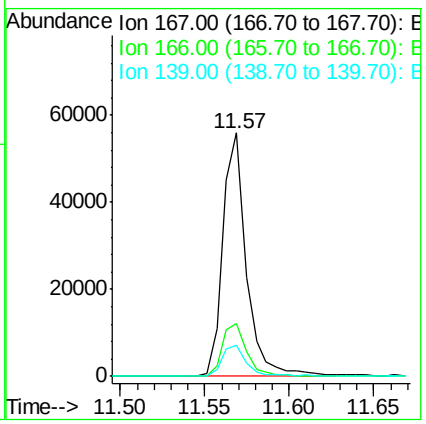


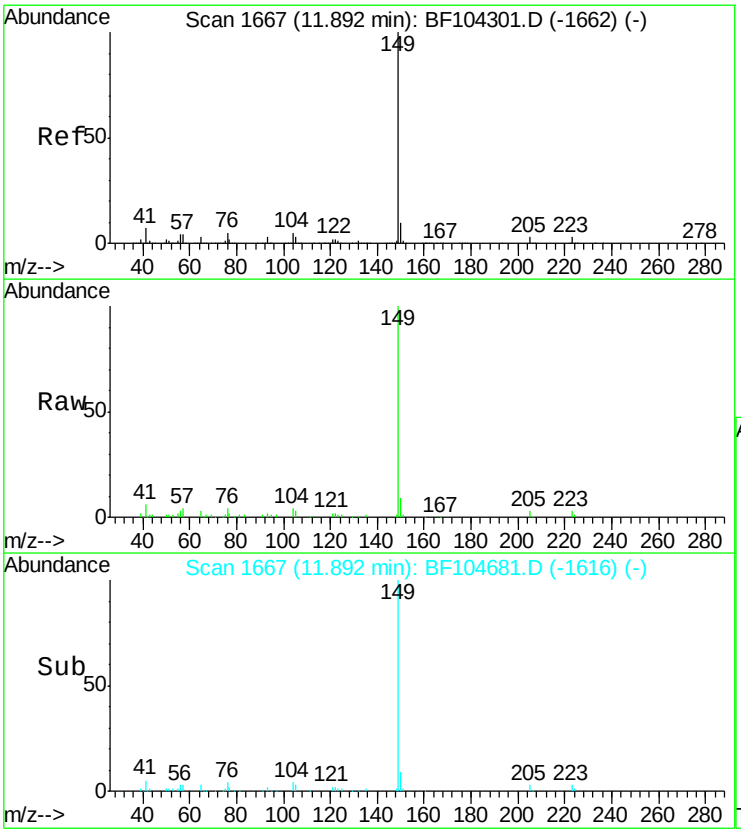
#72
Carbazole
Concen: 3.467 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:167 Resp: 54355

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.9	10.9	16.3

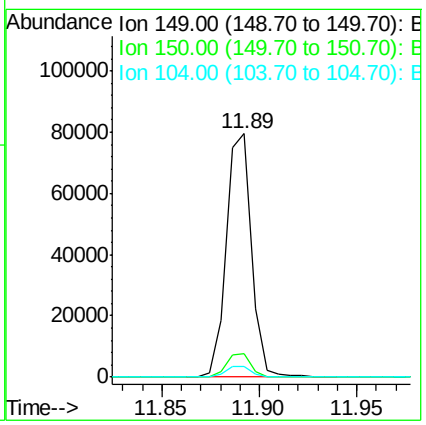


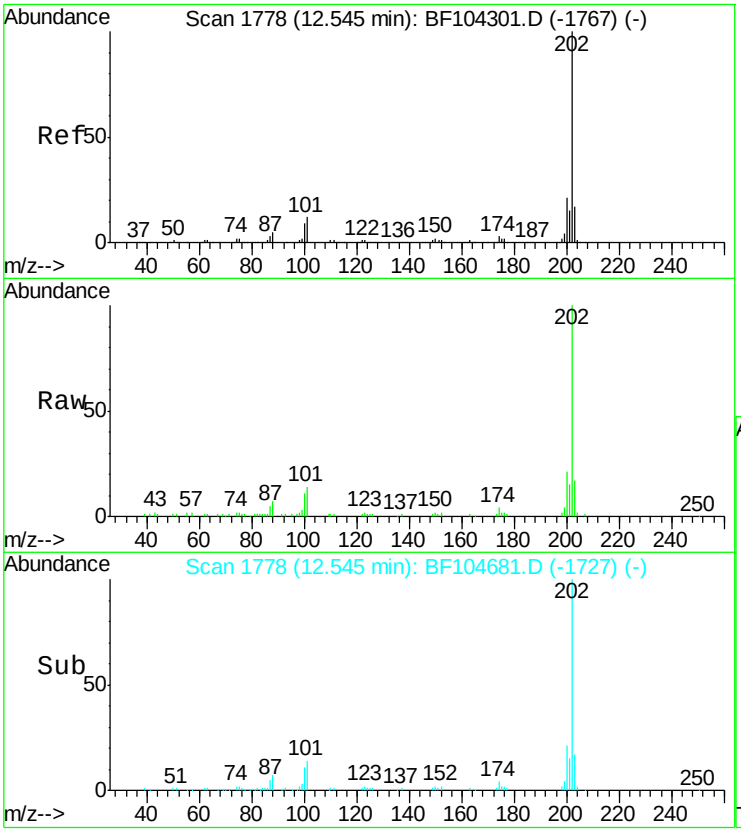


#73
Di-n-butylphthalate
Concen: 3.695 ng
RT: 11.89 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:149 Resp: 70766

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.4	3.8	5.8



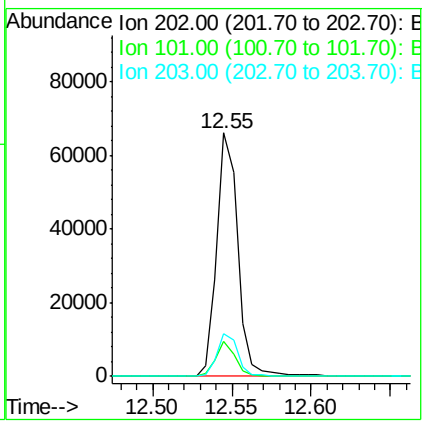


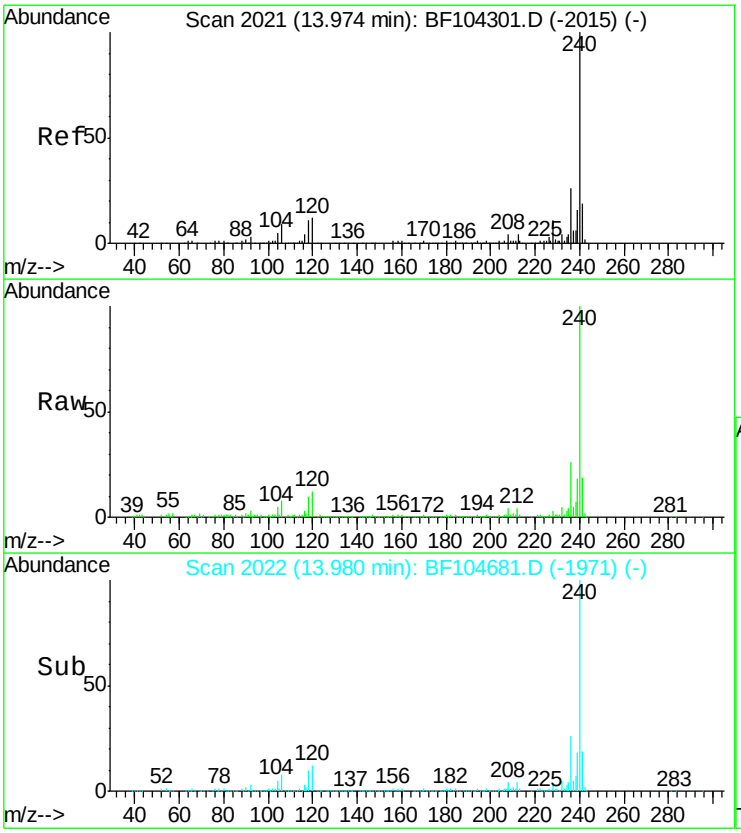
#74
Fluoranthene
Concen: 3.715 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:202 Resp: 61276

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.4	0.0	38.1

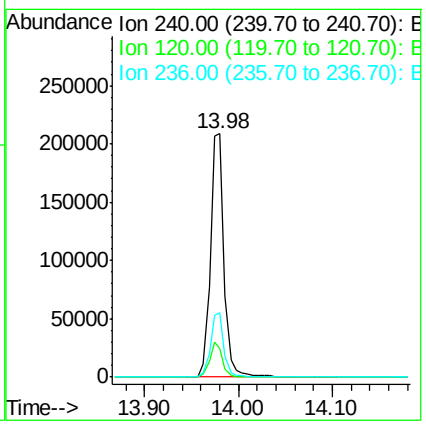


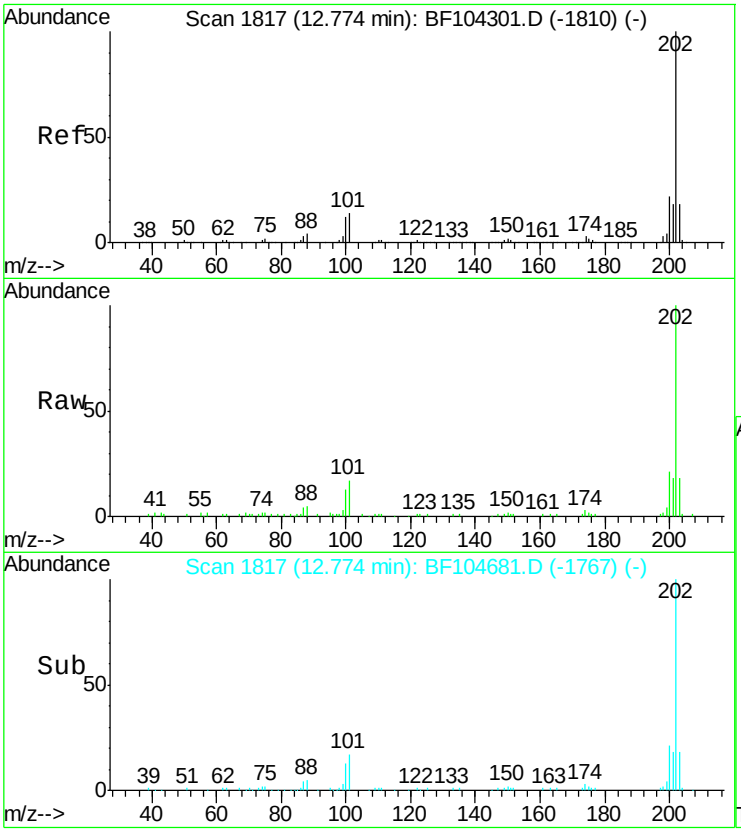


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:240 Resp: 216227

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.4	20.7	31.1



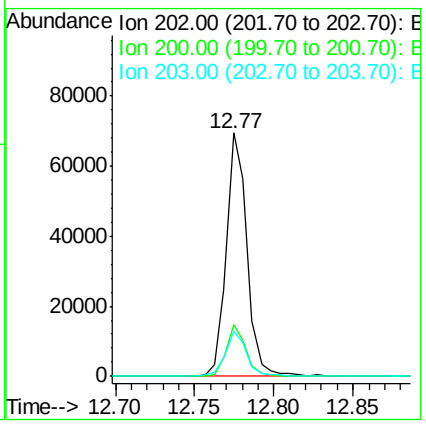


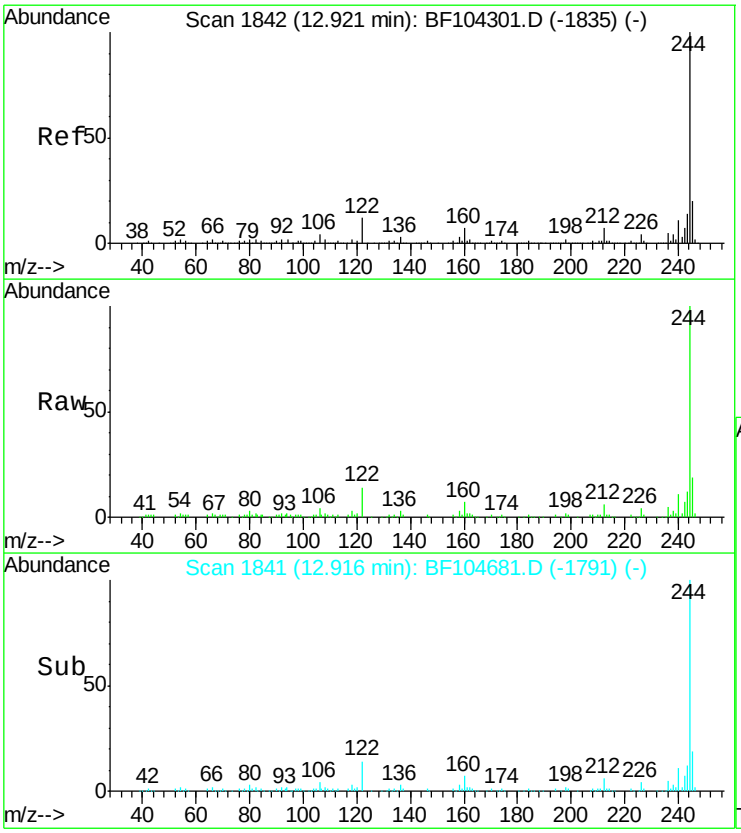
#77
Pyrene
Concen: 3.921 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:202 Resp: 62851

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.3	14.3	21.5

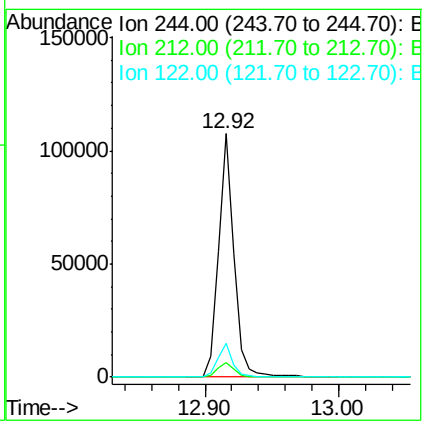


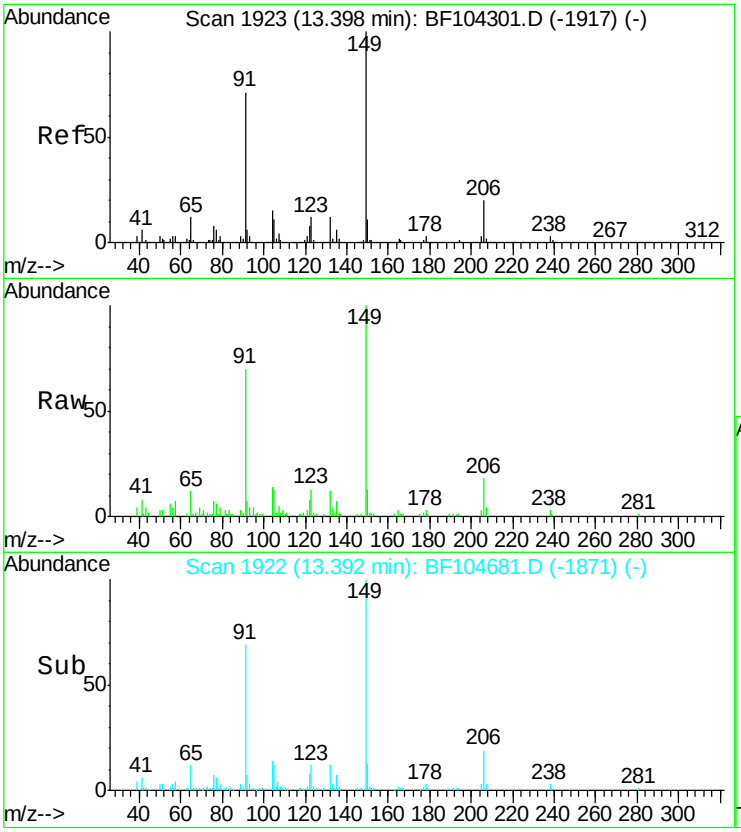


#78
Terphenyl-d14
Concen: 9.292 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:244 Resp: 88125

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	13.6	11.0	16.4



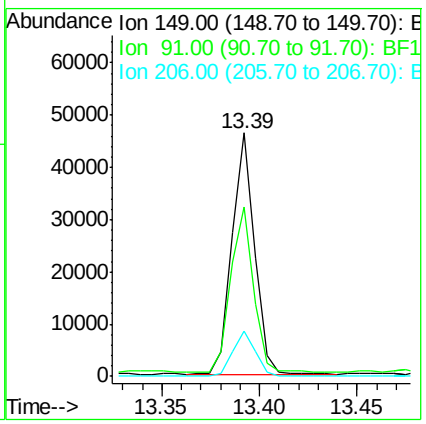


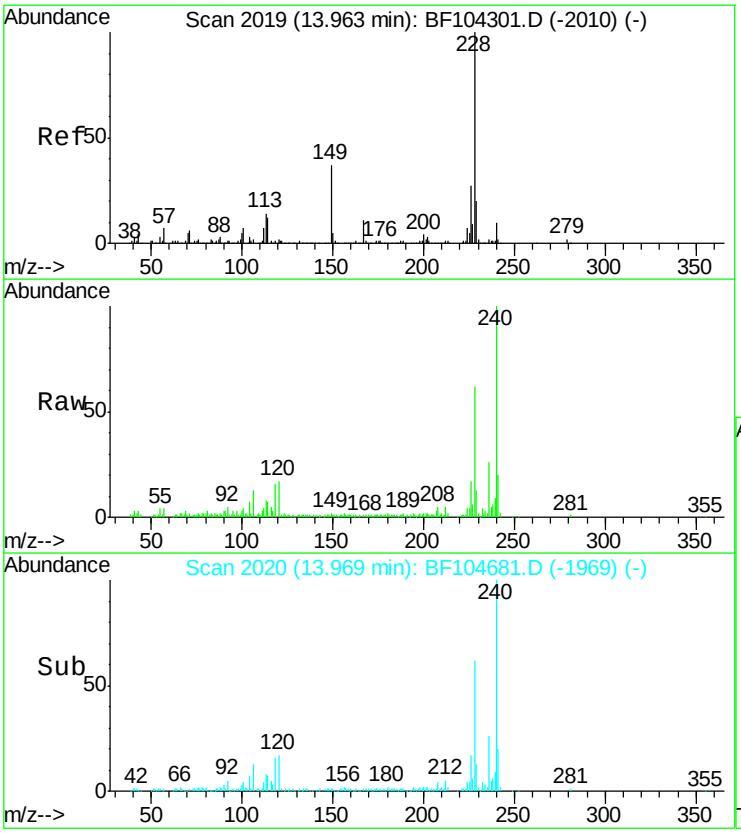
#79
Butylbenzylphthalate
Concen: 4.900 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:149 Resp: 36998

Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	18.5	14.1	21.1

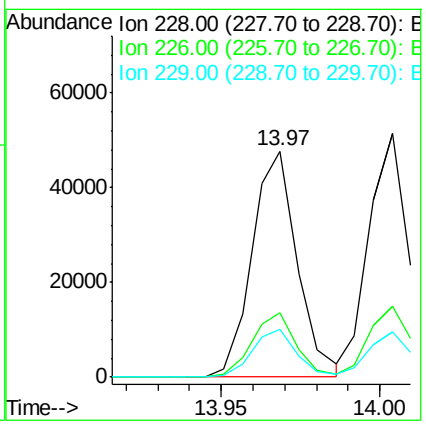


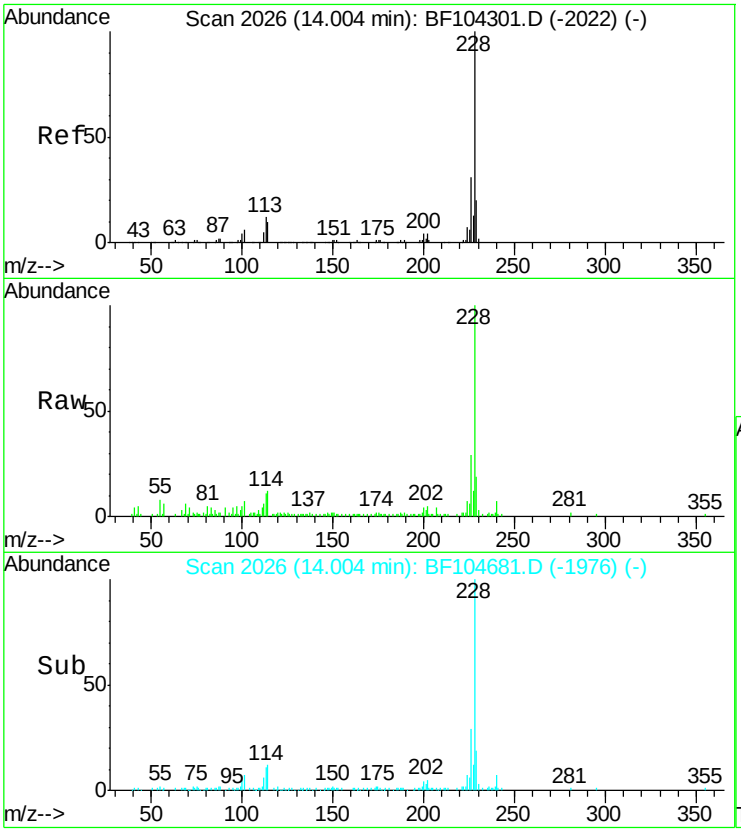


#80
Benzo(a)anthracene
Concen: 3.666 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:228 Resp: 47350

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.3	15.8	23.6



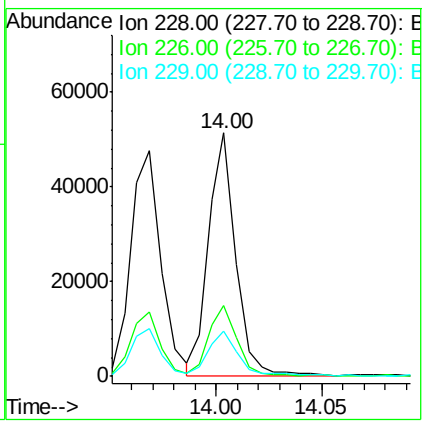


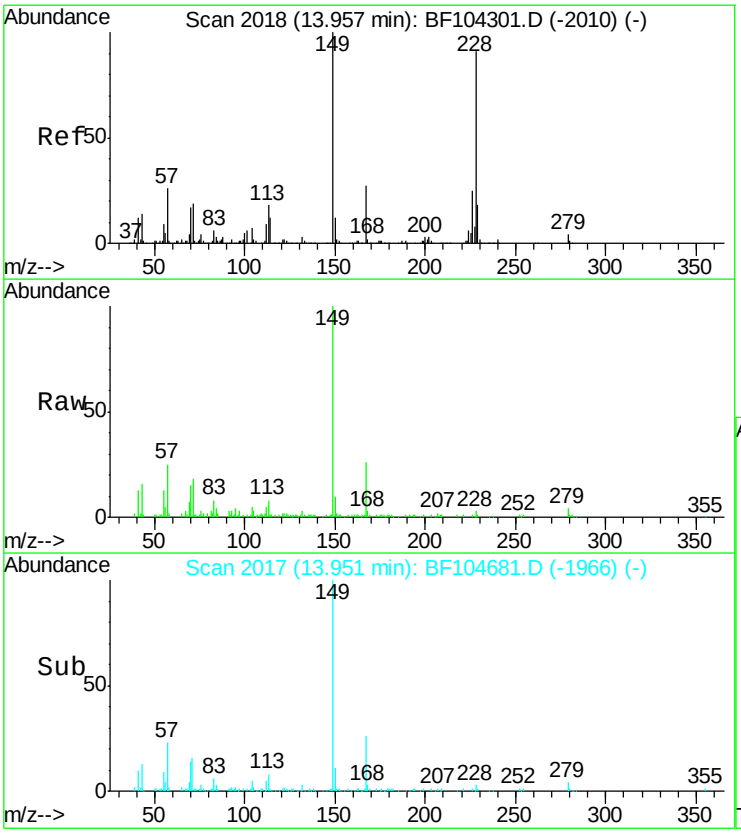
#82
Chrysene
Concen: 3.528 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:228 Resp: 46814

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	18.6	16.2	24.4

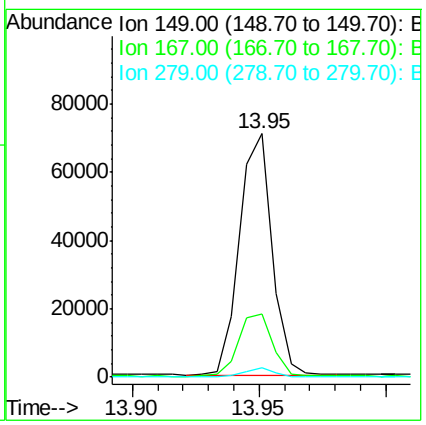


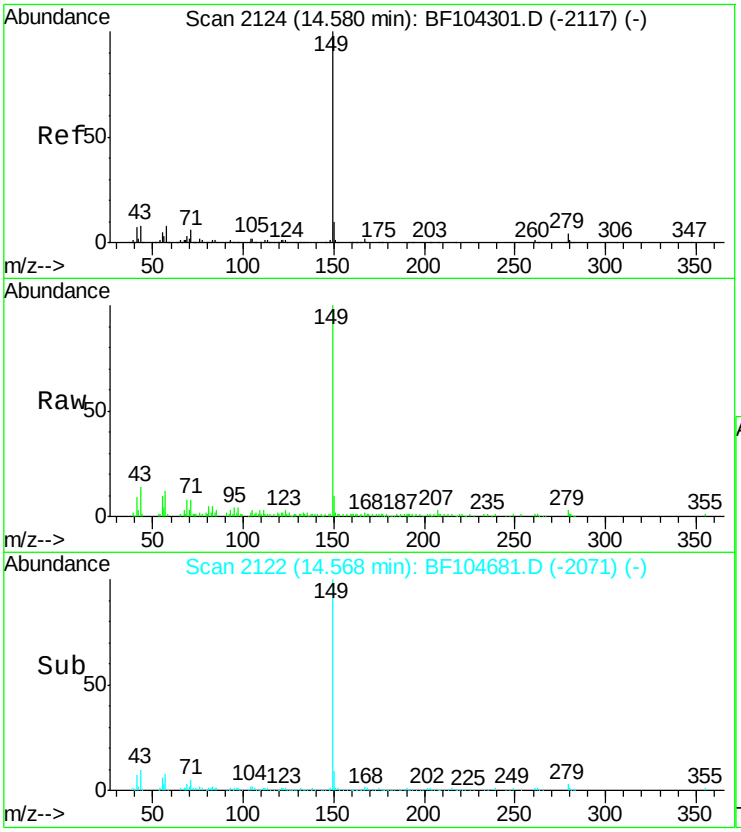


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.528 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:149 Resp: 63400

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.7	3.0	4.4



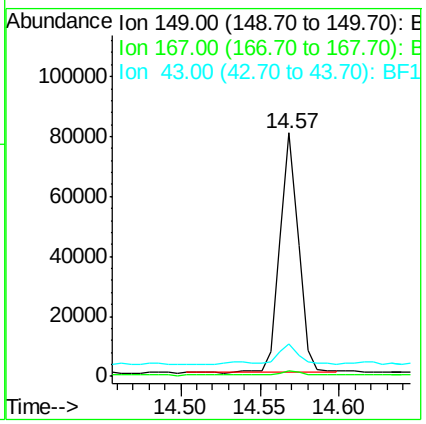


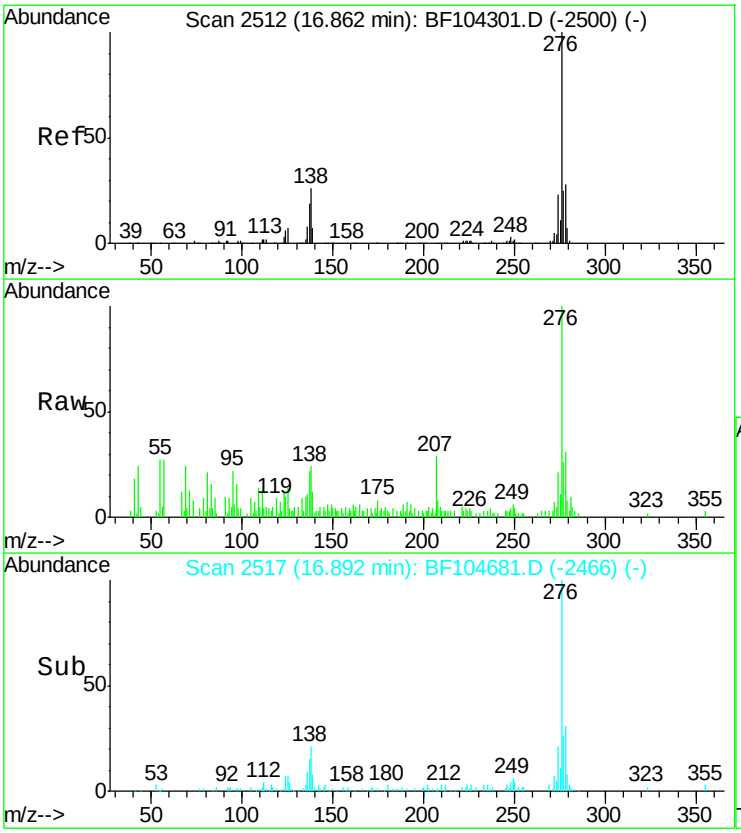
#84
Di-n-octyl phthalate
Concen: 4.041 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:149 Resp: 65571

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.3	8.4	12.6

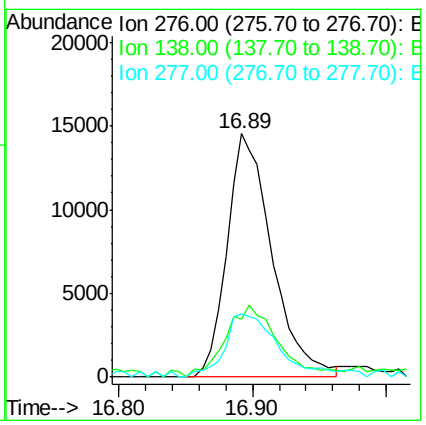


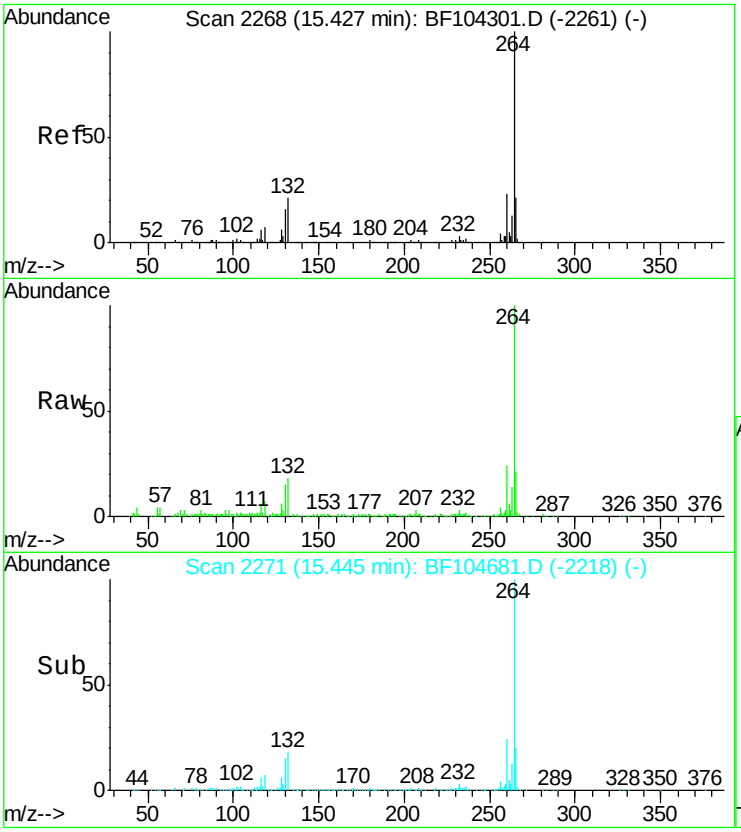


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.021 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:276 Resp: 34045

Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	30.5	20.1	30.1#



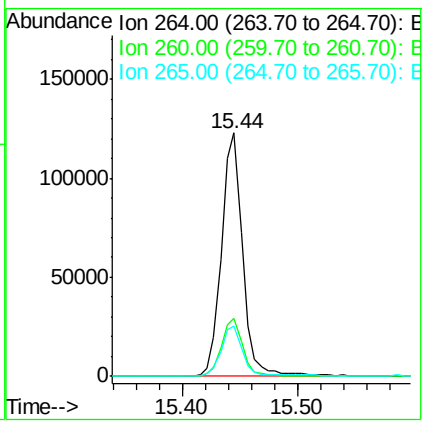


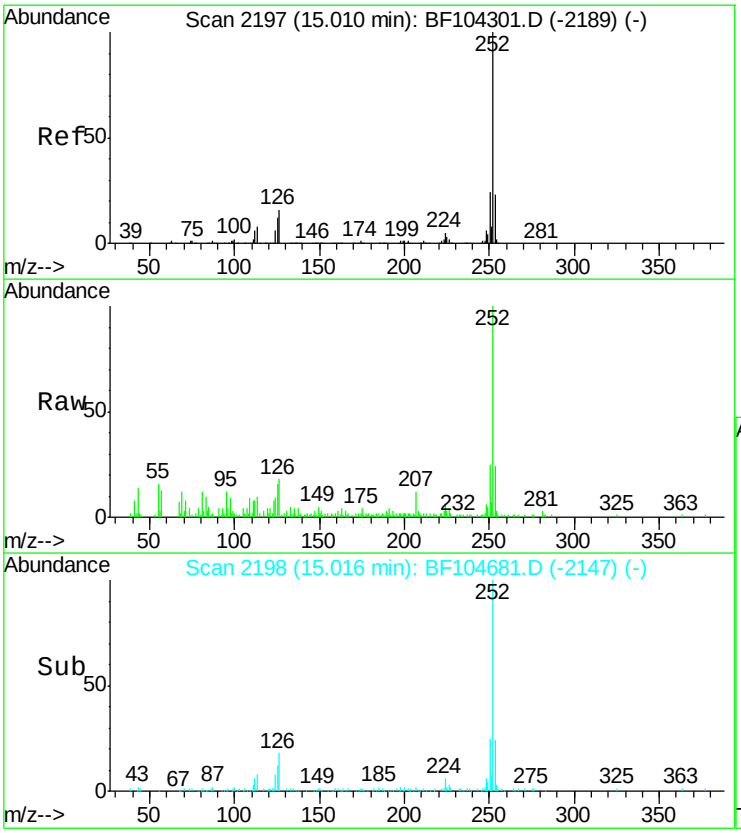
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:264 Resp: 156263

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

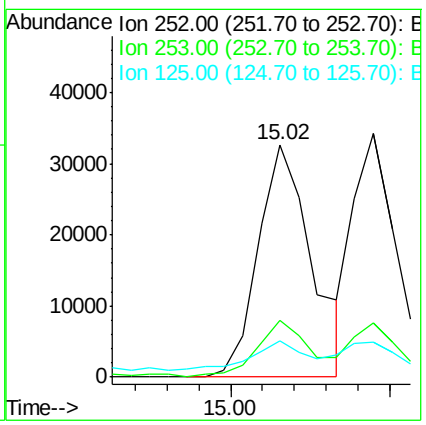


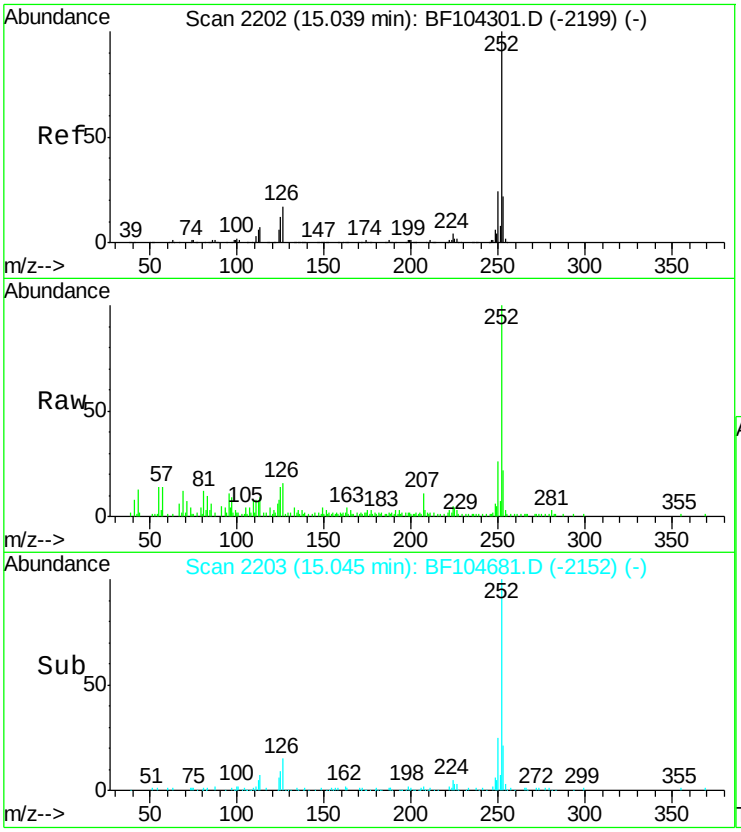


#87
Benzo(b)fluoranthene
Concen: 3.890 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:252 Resp: 38396

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	15.6	9.0	13.6#



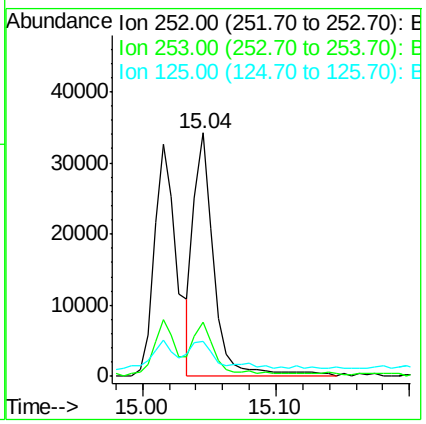


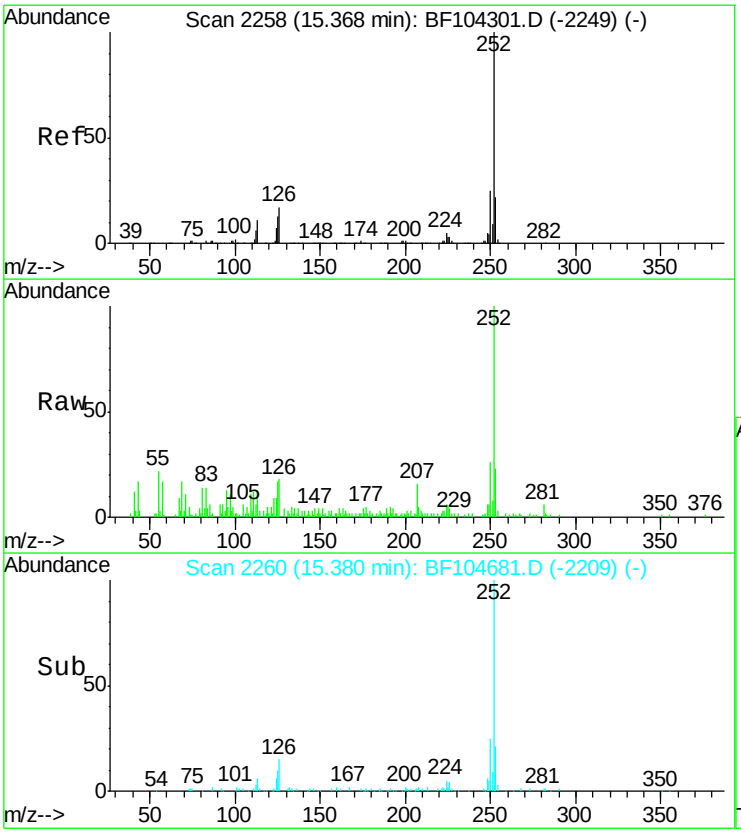
#88
Benzo(k)fluoranthene
Concen: 3.834 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:252 Resp: 35722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.1	10.2	15.2

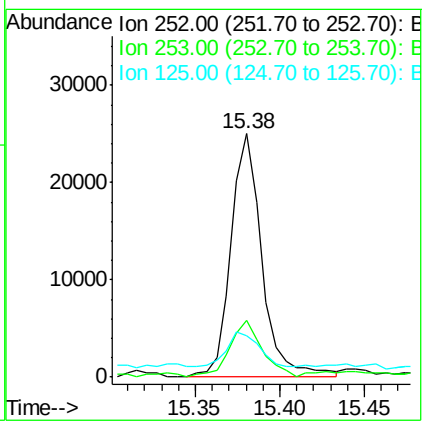


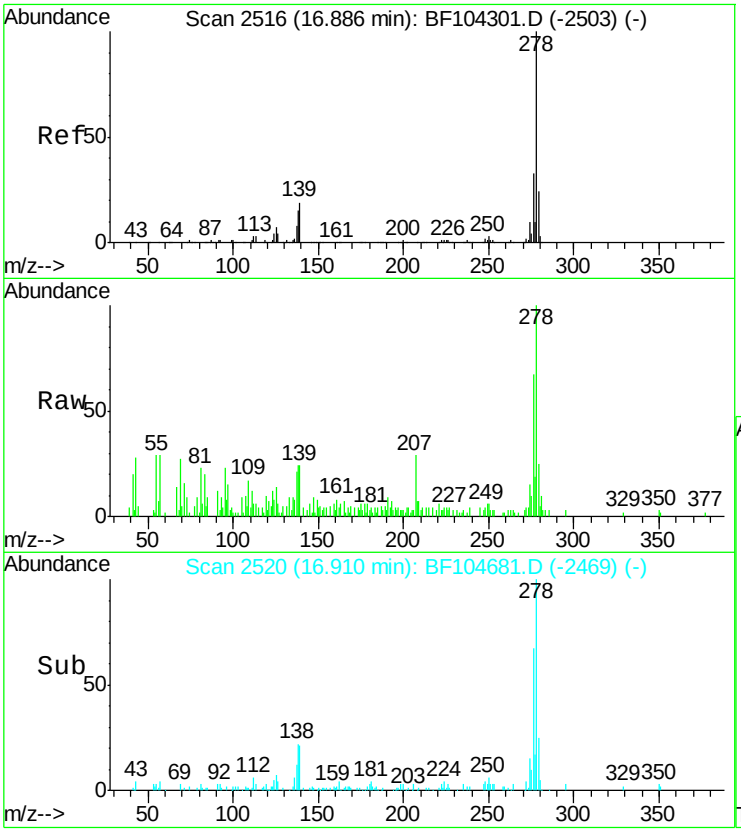


#89
Benzo(a)pyrene
Concen: 3.617 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:252 Resp: 31937

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.8	9.8	14.6#



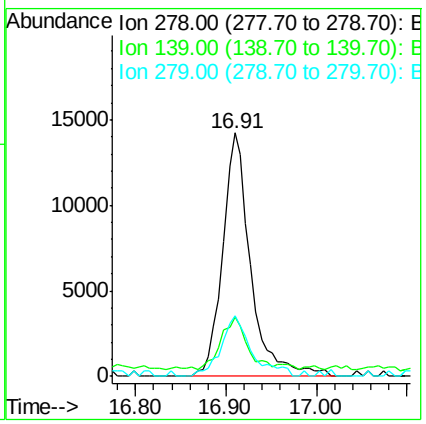


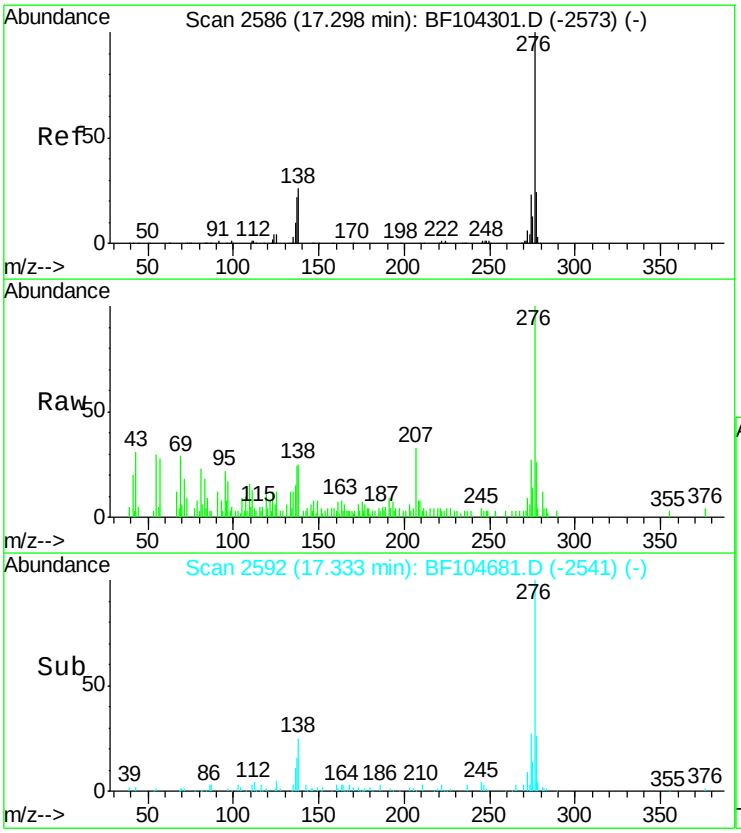
#90
Dibenzo(a,h)anthracene
Concen: 4.205 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01MSD

Tgt Ion:278 Resp: 30494

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.9	23.9#
279	24.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 4.329 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.00 min
Lab File: BF104681.D
Acq: 20 Apr 2018 18:20

Tgt Ion:276 Resp: 30418

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	24.8	21.8	32.8