Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098738.D
Acq On : 23 Sep 2017 14:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:47:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	178042	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	756435	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	337847	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	573931	20.00	ng	0.00
75) Chrysene-d12	14.09	240	406131	20.00	ng	0.00
86) Perylene-d12	15.57	264	318493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	885566	79.18	ng	0.00
7) Phenol-d6	6.55	99	1092591	79.19	ng	0.00
23) Nitrobenzene-d5	7.49	82	944441	80.07	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	220890	79.90	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1605732	79.34	ng	0.00
78) Terphenyl-d14	13.03	244	1403418	78.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	209437	39.20	ng	99
3) Pyridine	3.54	79	566671	39.21	ng	99
4) n-Nitrosodimethylamine	3.50	42	245742	40.10	ng	95
6) Aniline	6.59	93	734848	39.46	ng	99
8) 2-Chlorophenol	6.71	128	498874	39.39	ng	97
9) Benzaldehyde	6.47	77	309356	38.65	ng	99
10) Phenol	6.56	94	600565	38.92	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	479259	39.95	ng	98
12) 1,3-Dichlorobenzene	6.86	146	531995	40.11	ng	99
13) 1,4-Dichlorobenzene	6.94	146	532838	39.48	ng	99
14) 1,2-Dichlorobenzene	7.10	146	497515	39.90	ng	98
15) Benzyl Alcohol	7.06	79	401031	39.62	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	749885	40.12	ng	99
17) 2-Methylphenol	7.16	107	410385	39.60	ng	99
18) Hexachloroethane	7.44	117	194361	40.07	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	338845	38.47	ng	98
20) 3+4-Methylphenols	7.32	107	507963	38.74	ng	92
22) Acetophenone	7.33	105	701553	38.28	ng	97
24) Nitrobenzene	7.51	77	534340	39.93	ng	95
25) Isophorone	7.75	82	954945	39.16	ng	99
26) 2-Nitrophenol	7.82	139	269360	41.86	ng	93
27) 2,4-Dimethylphenol	7.85	122	469370	38.63	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	594667	39.13	ng	100
29) 2,4-Dichlorophenol	8.06	162	409264	39.23	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	410705	39.36	ng	98
31) Naphthalene	8.23	128	1377398	38.77	ng	99
32) Benzoic acid	7.98	122	405066	40.58	ng	97
33) 4-Chloroaniline	8.27	127	572372	38.58	ng	97
34) Hexachlorobutadiene	8.34	225	214530	39.92	ng	98
35) Caprolactam	8.66	113	123061	36.77	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	456307	38.91	ng	98
37) 2-Methylnaphthalene	8.92	142	893914	38.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	396234	39.33	ng	99
40) Hexachlorocyclopentadiene	9.07	237	192657	41.84	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098738.D
Acq On : 23 Sep 2017 14:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 25 04:47:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	284370	39.84	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	285790	40.11	ng		98
45) 1,1'-Biphenyl	9.38	154	1135875	39.12	ng		99
46) 2-Chloronaphthalene	9.41	162	857352	39.33	ng		98
47) 2-Nitroaniline	9.50	65	266219	39.88	ng		96
48) Acenaphthylene	9.83	152	1299470	38.94	ng		100
49) Dimethylphthalate	9.68	163	989657	38.81	ng		100
50) 2,6-Dinitrotoluene	9.75	165	223896	40.33	ng		90
51) Acenaphthene	10.00	154	822884	38.92	ng		100
52) 3-Nitroaniline	9.92	138	257713	39.81	ng		91
53) 2,4-Dinitrophenol	10.02	184	101816	38.49	ng		96
54) Dibenzofuran	10.17	168	1085060	38.55	ng		99
55) 4-Nitrophenol	10.06	139	216577	39.57	ng		98
56) 2,4-Dinitrotoluene	10.15	165	287813	39.95	ng		97
57) Fluorene	10.51	166	856676	37.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	191046	38.81	ng		97
59) Diethylphthalate	10.38	149	950544	38.15	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	387778	38.16	ng		99
61) 4-Nitroaniline	10.53	138	244252	39.11	ng		95
62) Azobenzene	10.66	77	876301	38.25	ng		95
64) 4,6-Dinitro-2-methylphenol	10.55	198	144650	41.42	ng		97
65) n-Nitrosodiphenylamine	10.62	169	776494	39.05	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	225232	40.09	ng		94
67) Hexachlorobenzene	11.06	284	235708	39.28	ng		98
68) Atrazine	11.15	200	232194	38.81	ng		98
69) Pentachlorophenol	11.25	266	157246	42.11	ng		99
70) Phenanthrene	11.47	178	1179667	38.40	ng		99
71) Anthracene	11.53	178	1209897	38.49	ng		99
72) Carbazole	11.67	167	1185477	38.51	ng		100
73) Di-n-butylphthalate	12.00	149	1441468	38.90	ng		100
74) Fluoranthene	12.66	202	1174885	37.77	ng		98
76) Benzidine	12.78	184	582075	38.75	ng		97
77) Pyrene	12.89	202	1217593	39.32	ng		100
79) Butylbenzylphthalate	13.50	149	587740	40.38	ng		95
80) Benzo(a)anthracene	14.07	228	955404	38.85	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	351059	38.94	ng		98
82) Chrysene	14.12	228	913104	39.00	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	805798	40.21	ng	#	100
84) Di-n-octyl phthalate	14.67	149	1289207	39.95	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	691696	36.93	ng		97
87) Benzo(b)fluoranthene	15.14	252	784389	40.06	ng		99
88) Benzo(k)fluoranthene	15.17	252	778387	40.24	ng		98
89) Benzo(a)pyrene	15.52	252	715588	39.81	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	563067	39.14	ng		97
91) Benzo(g,h,i)perylene	17.54	276	563552	39.63	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098738.D
Acq On : 23 Sep 2017 14:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 25 04:47:49 2017
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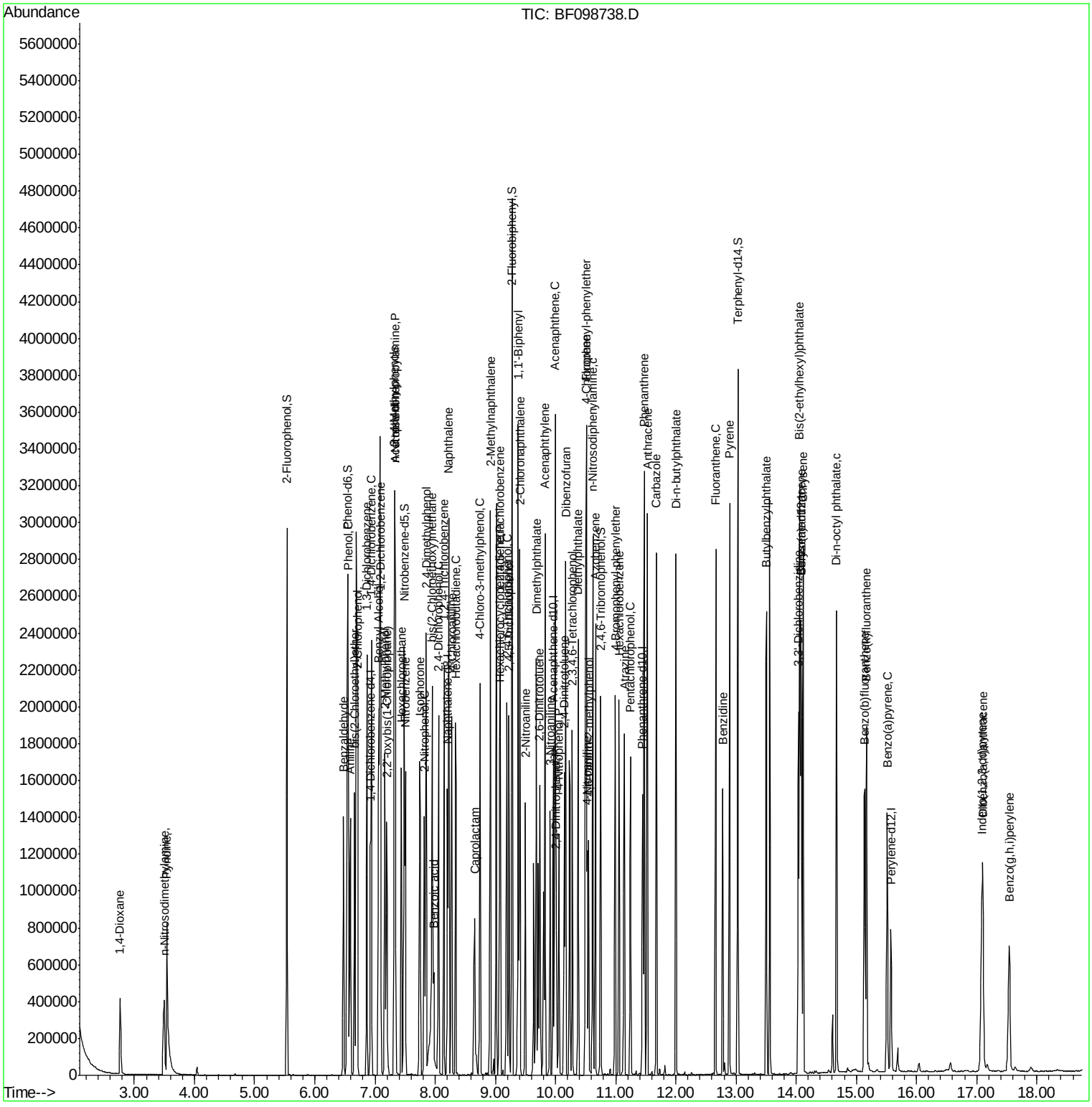
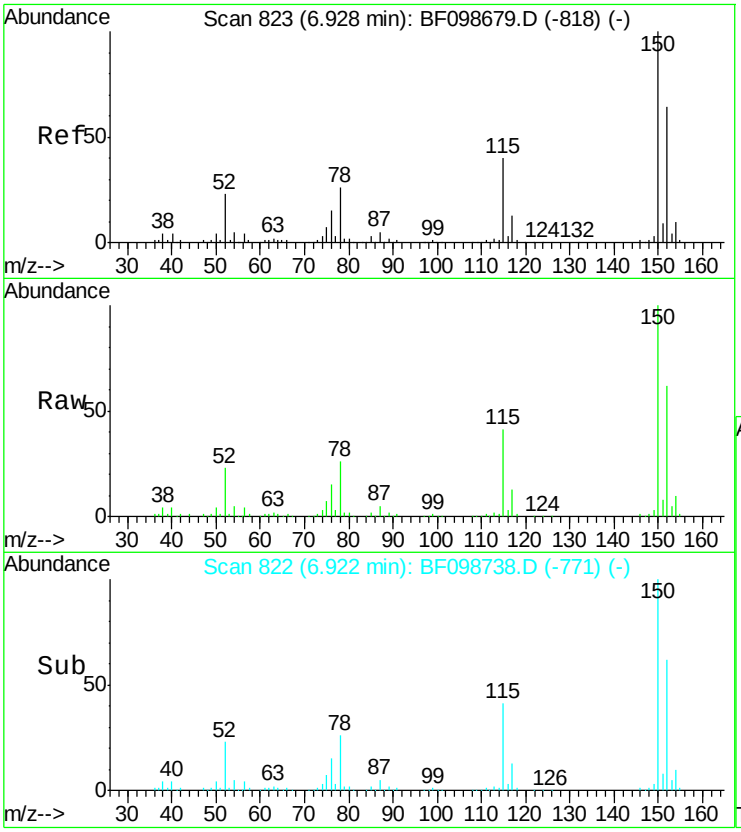
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



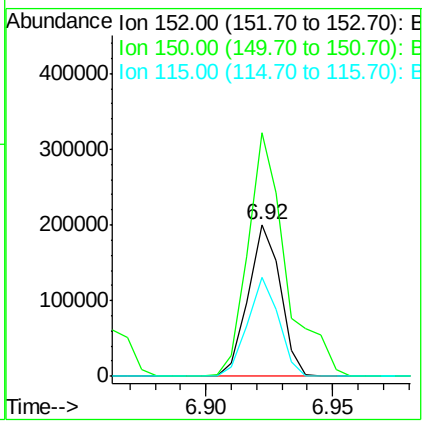


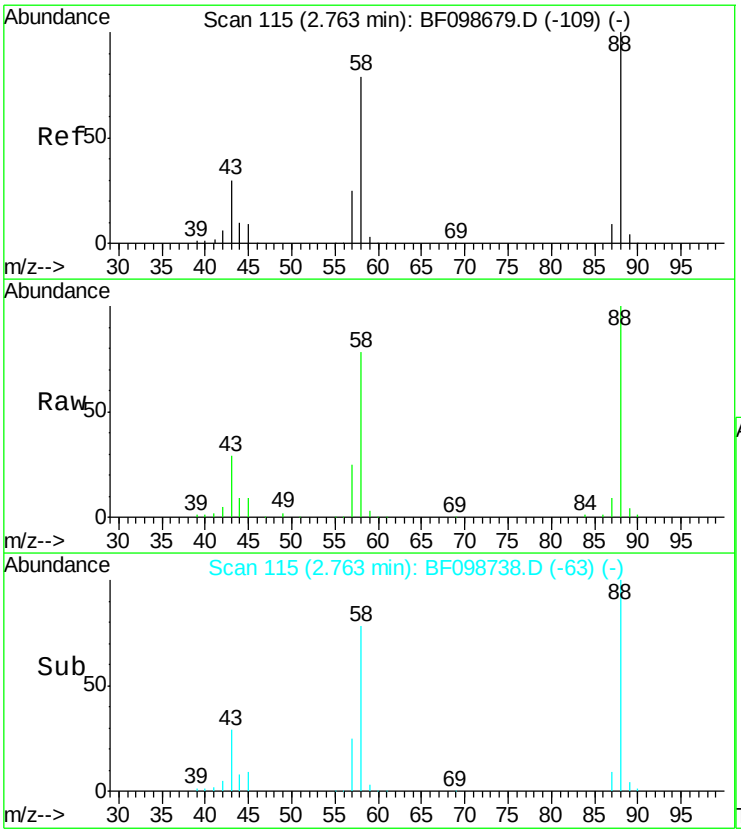
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 178042

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	65.2	50.1	75.1

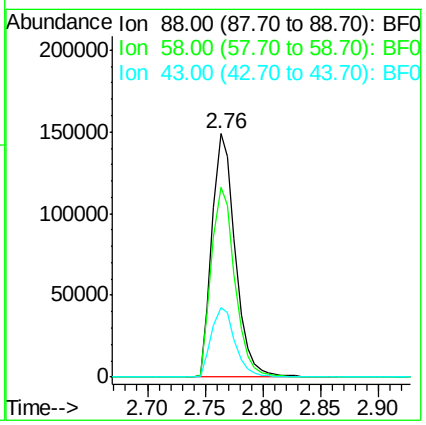


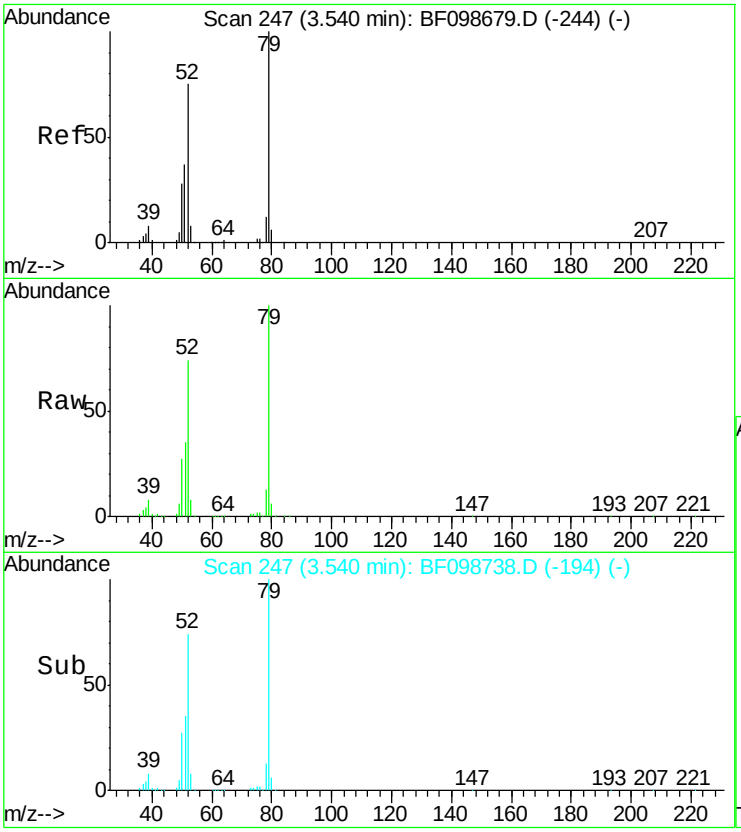


#2
1,4-Dioxane
Concen: 39.20 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 88 Resp: 209437

Ion	Ratio	Lower	Upper
88	100		
58	78.4	62.6	93.8
43	29.0	24.6	37.0



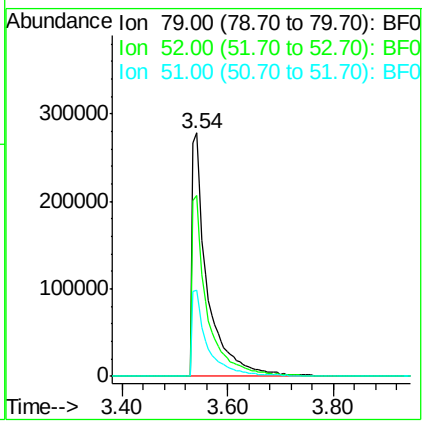


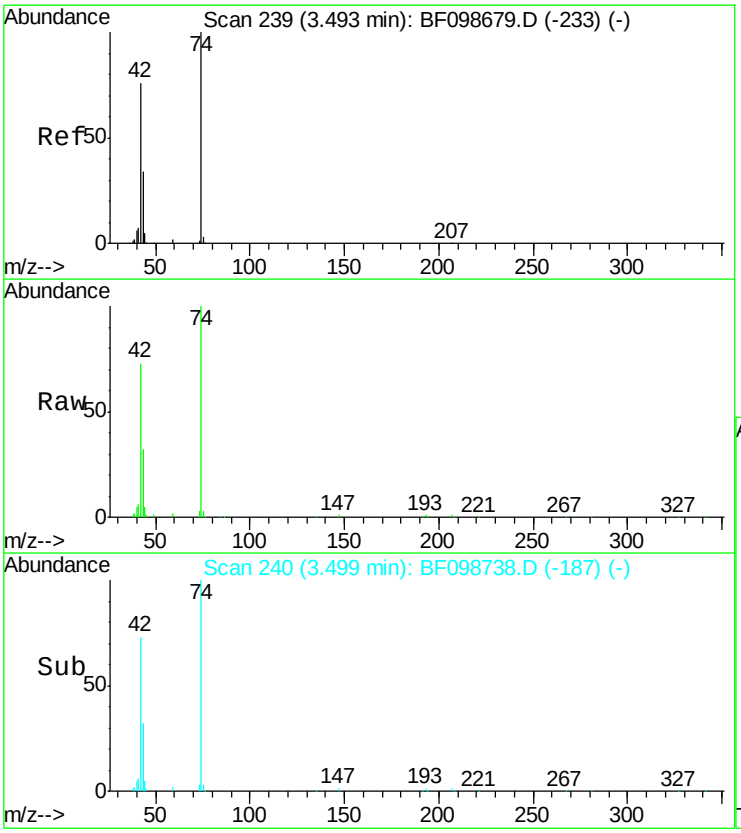
#3
Pyridine
Concen: 39.21 ng
RT: 3.54 min Scan# 247
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 566671

Ion	Ratio	Lower	Upper
79	100		
52	74.4	59.8	89.6
51	35.4	29.8	44.8

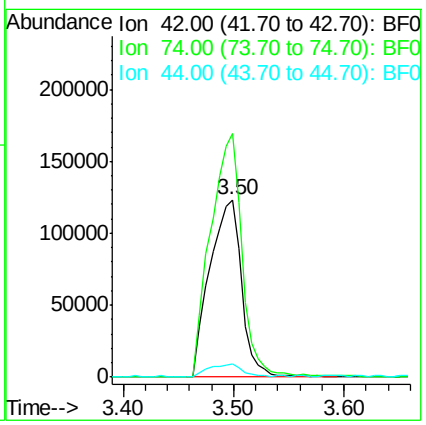


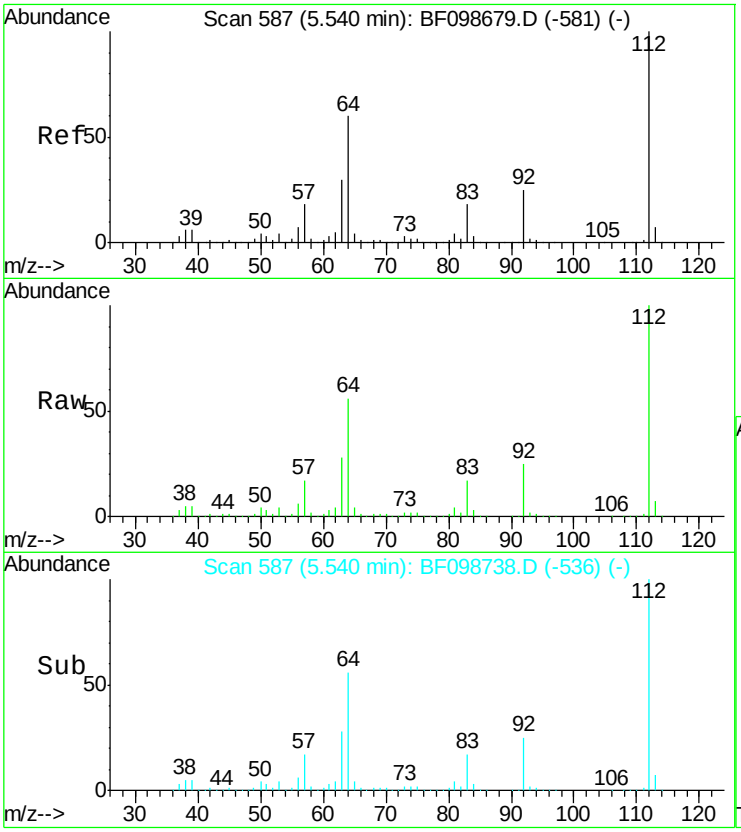


#4
n-Nitrosodimethylamine
Concen: 40.10 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 42 Resp: 245742

Ion	Ratio	Lower	Upper
42	100		
74	137.0	104.9	157.3
44	7.3	6.9	10.3



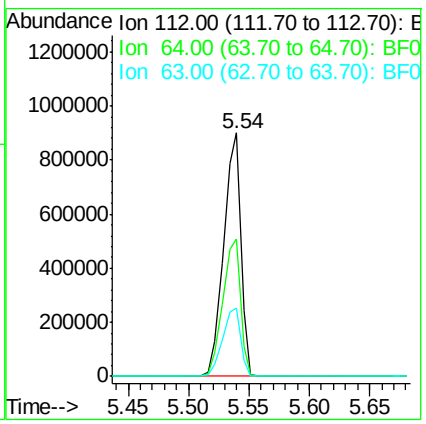


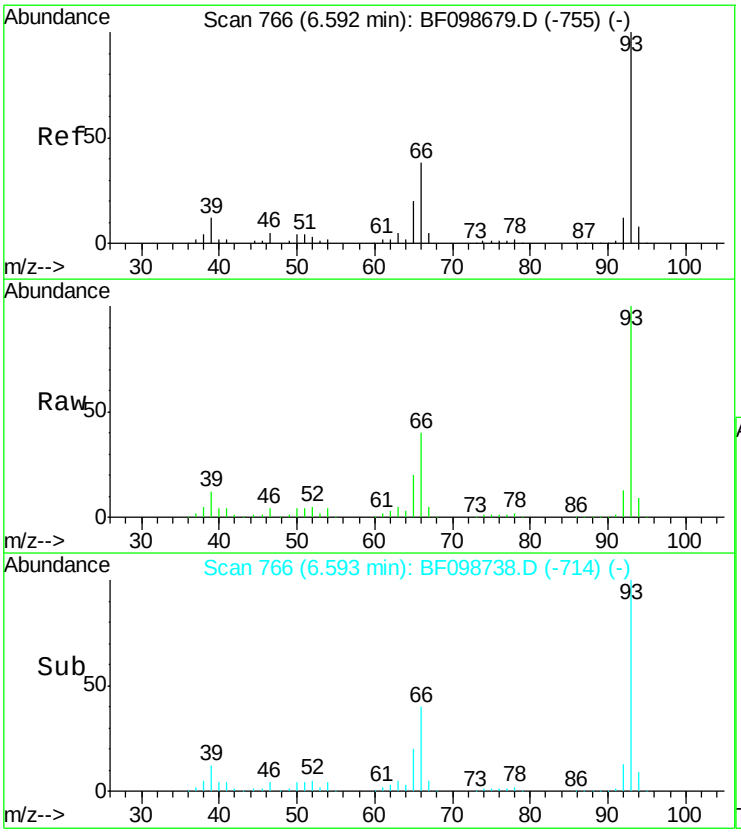
#5
2-Fluorophenol
Concen: 79.18 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 885566

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	27.9	23.7	35.5

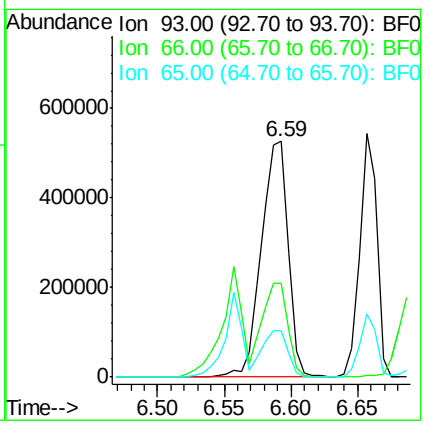


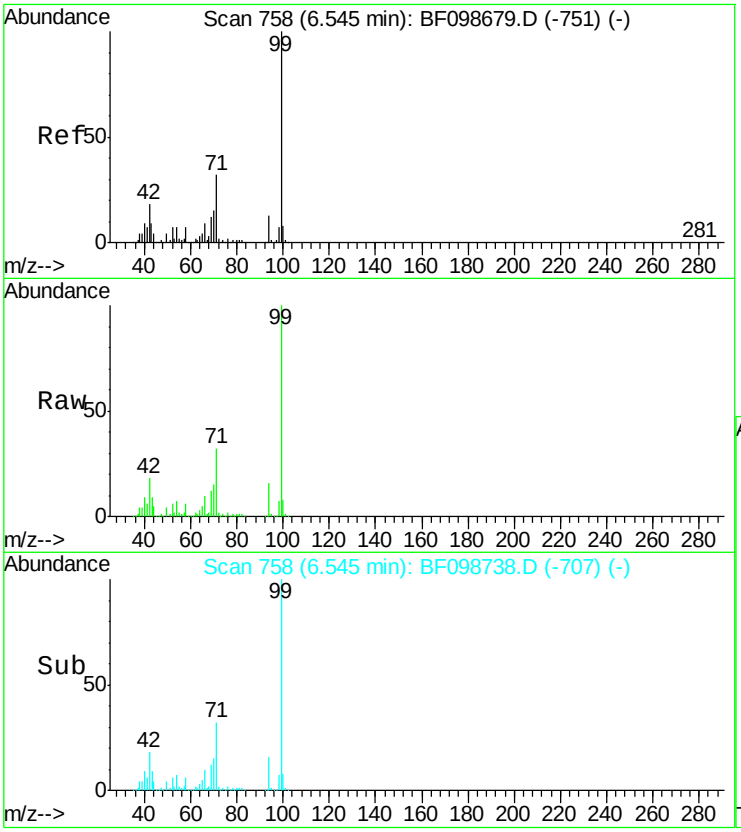


#6
Aniline
Concen: 39.46 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 93 Resp: 734848

Ion	Ratio	Lower	Upper
93	100		
66	39.6	32.2	48.2
65	20.0	16.4	24.6



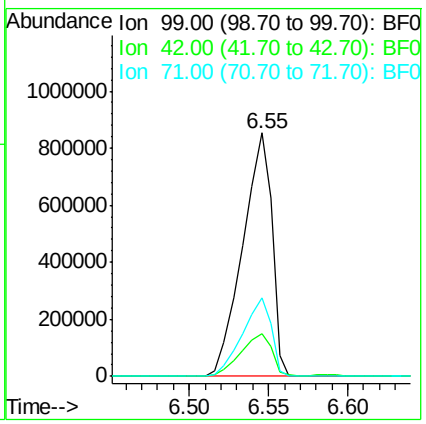


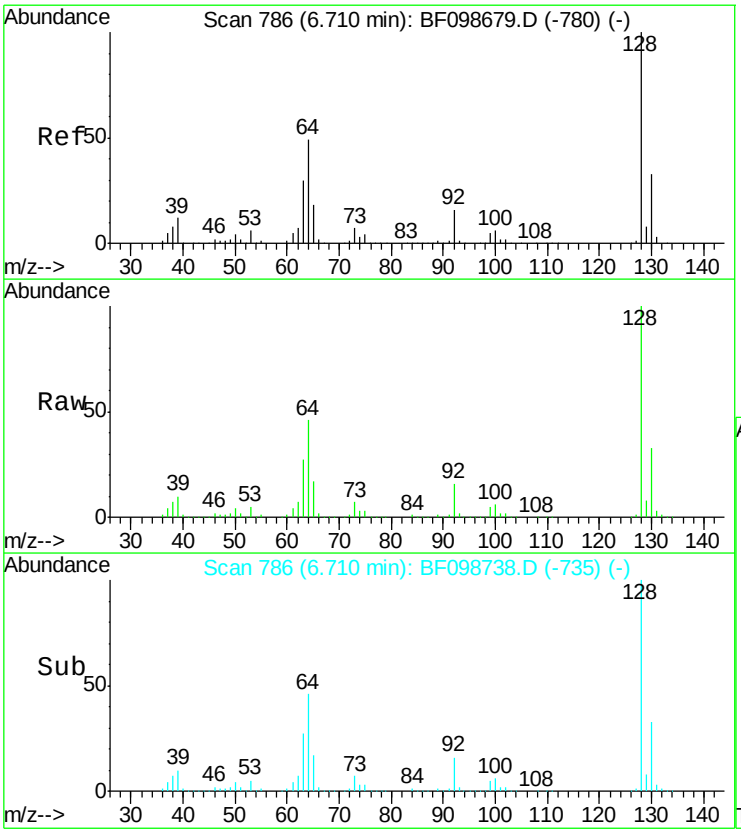
#7
Phenol-d6
Concen: 79.19 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1092591

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	32.1	25.4	38.0

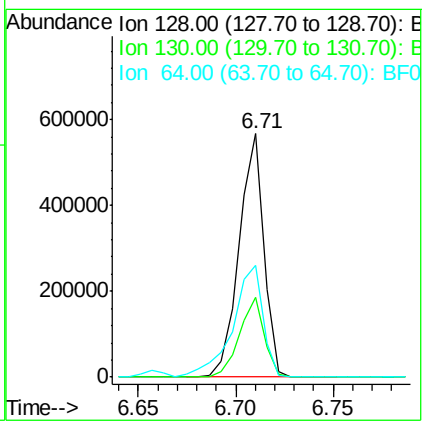


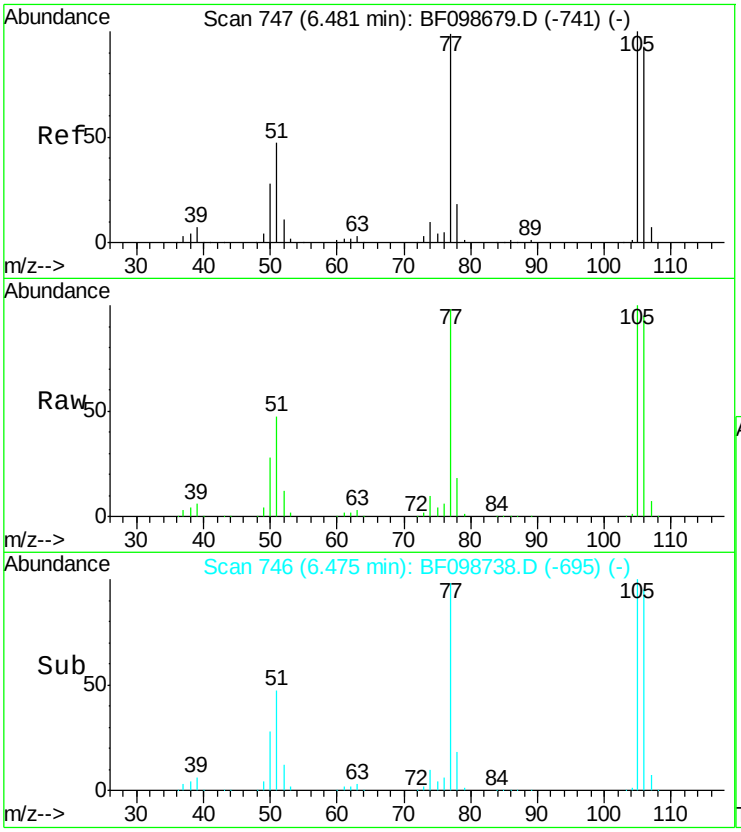


#8
2-Chlorophenol
Concen: 39.39 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:128 Resp: 498874

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	46.0	29.4	69.4



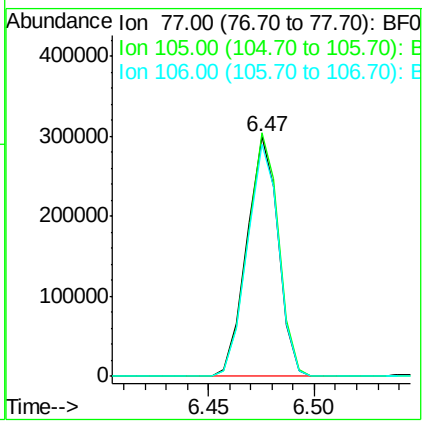


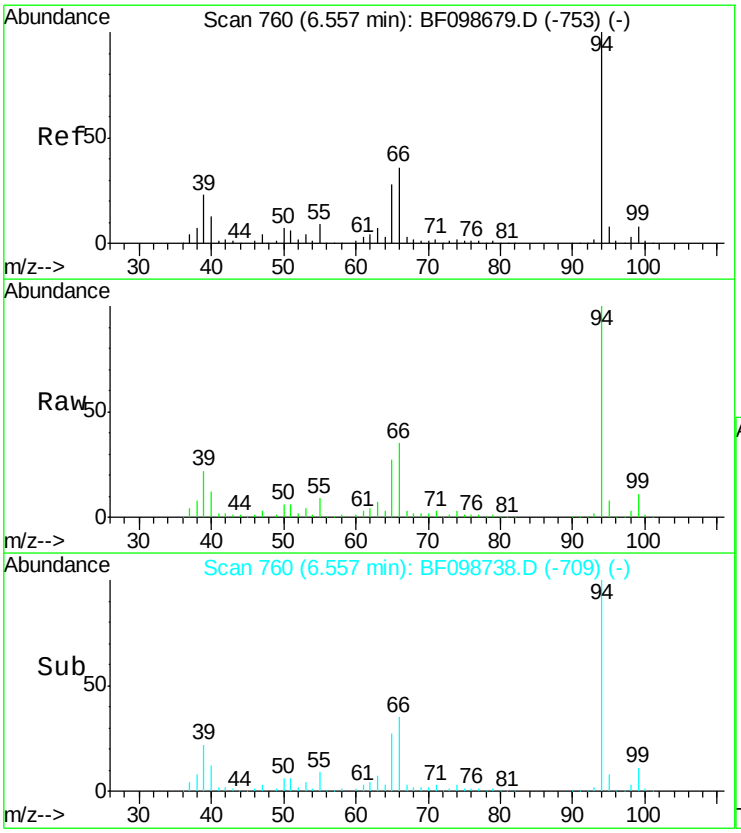
#9
Benzaldehyde
Concen: 38.65 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 309356

Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.1	121.1
106	97.0	74.5	114.5

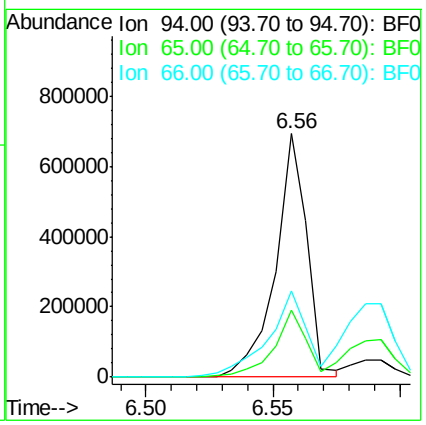


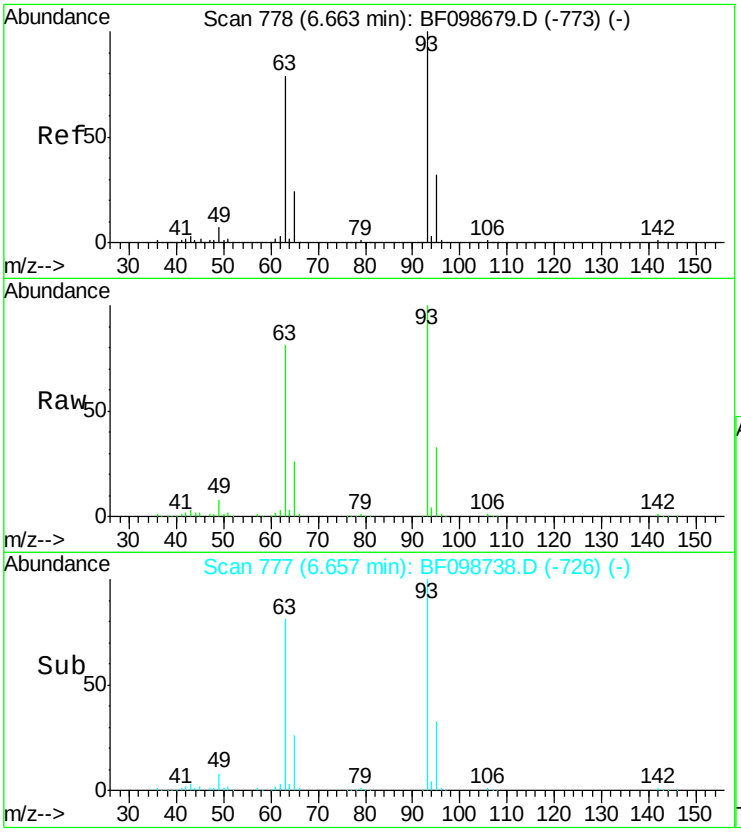


#10
Phenol
Concen: 38.92 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 94 Resp: 600565

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	35.5	16.2	56.2



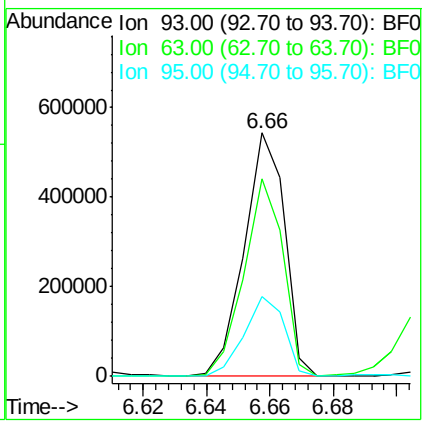


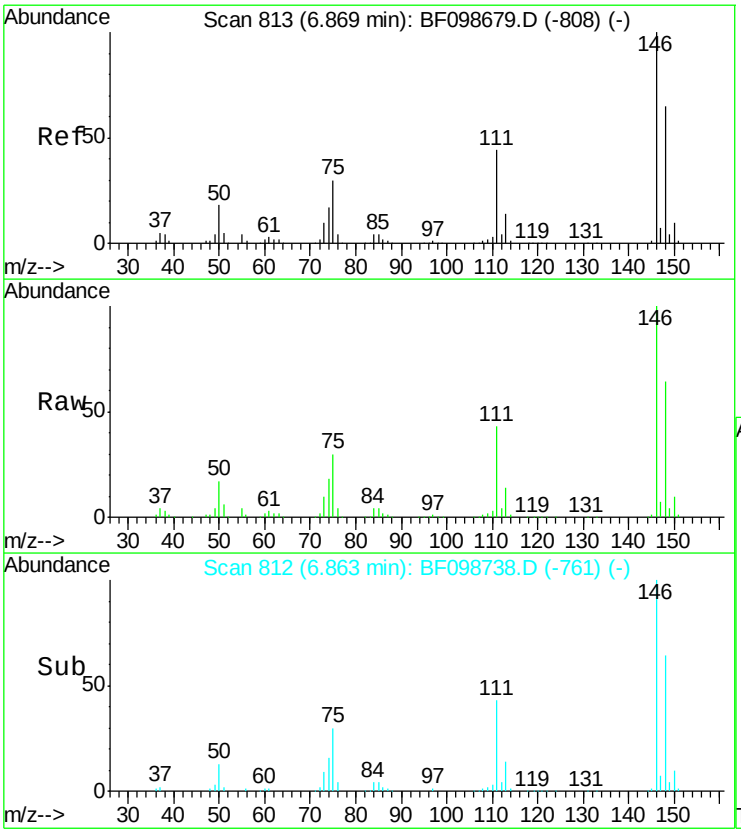
#11
bis(2-Chloroethyl)ether
Concen: 39.95 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 479259

Ion	Ratio	Lower	Upper
93	100		
63	81.0	58.6	98.6
95	32.5	11.8	51.8

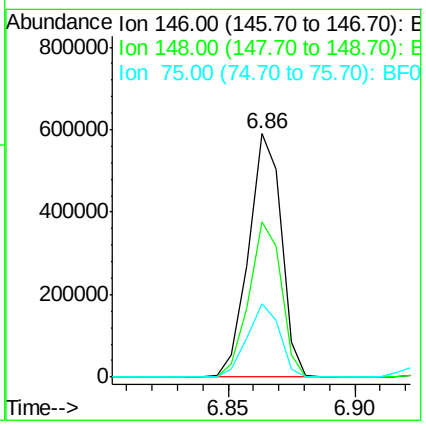


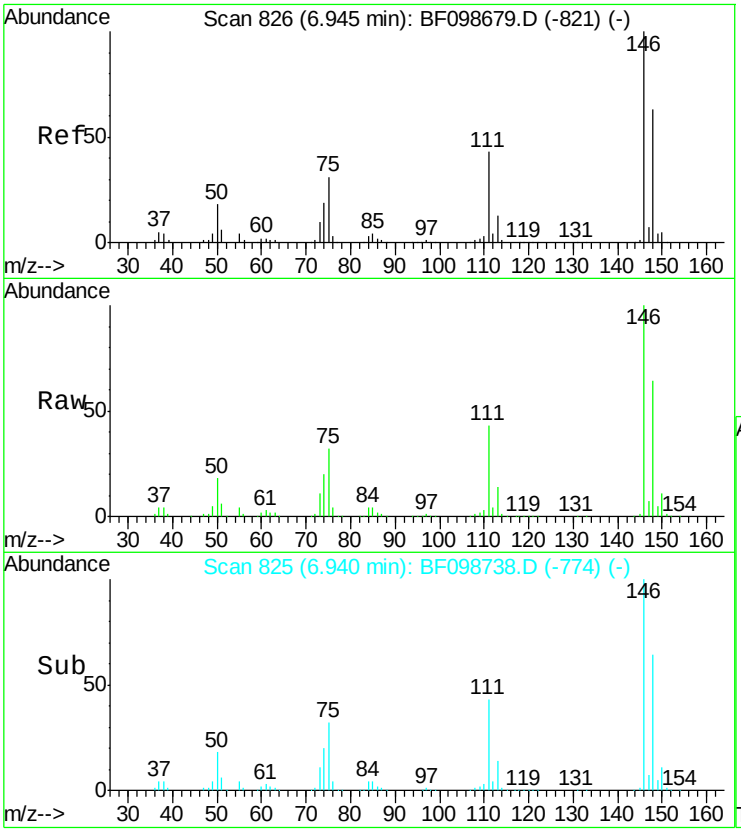


#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:146 Resp: 531995

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	30.3	24.2	36.4



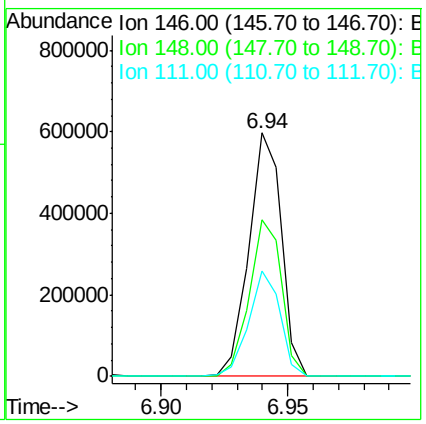


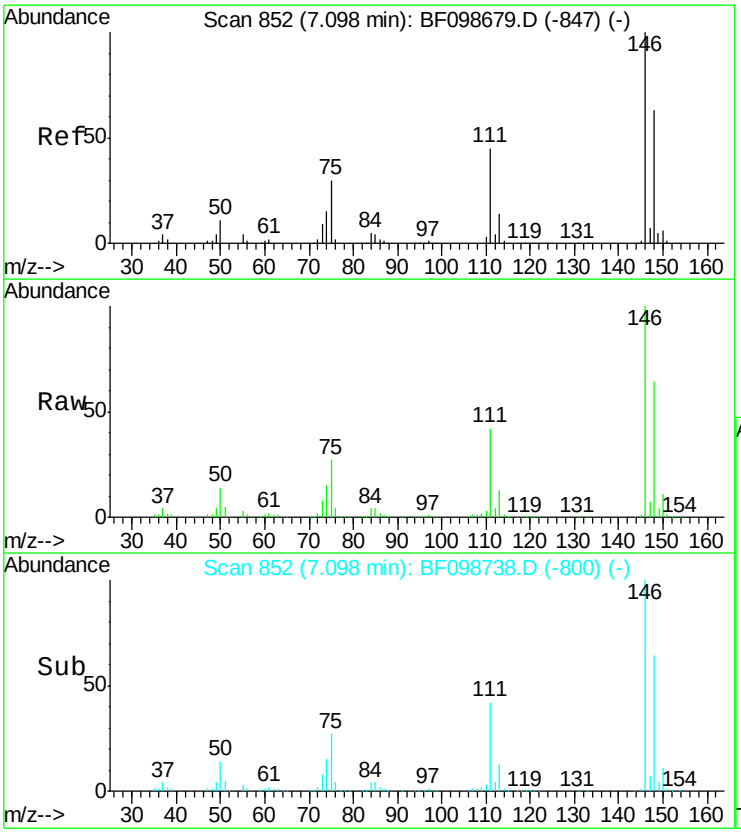
#13
1,4-Dichlorobenzene
Concen: 39.48 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 532838

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	43.4	34.2	51.2

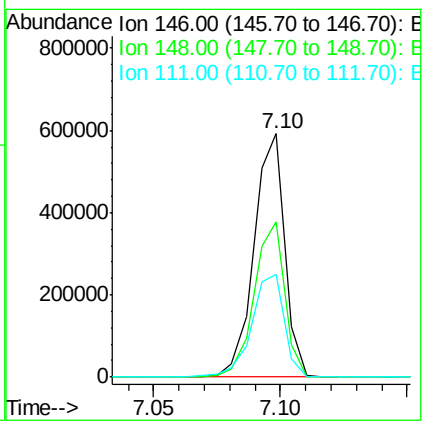


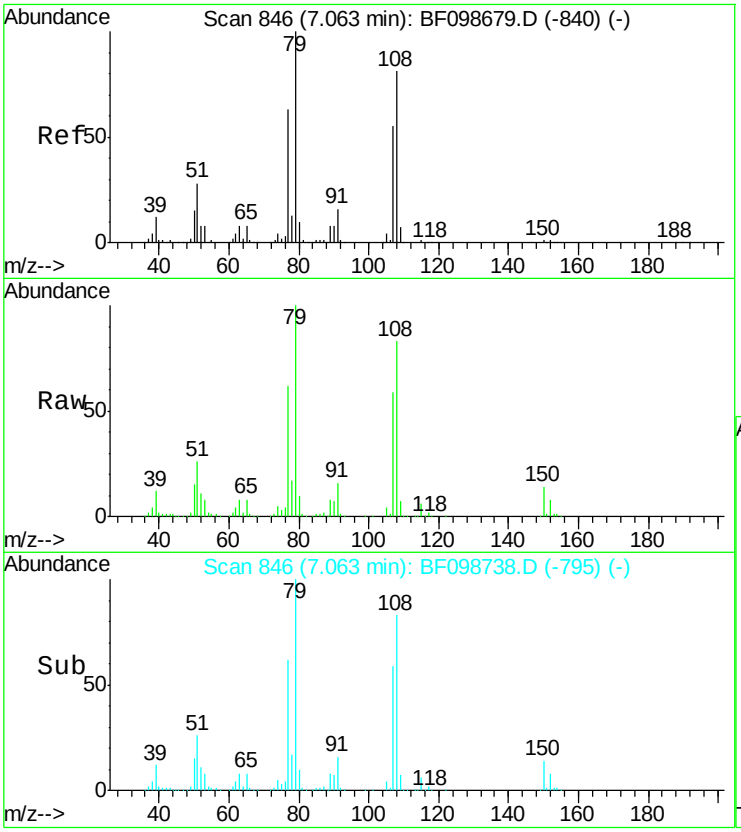


#14
1,2-Dichlorobenzene
Concen: 39.90 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:146 Resp: 497515

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	42.2	36.0	54.0



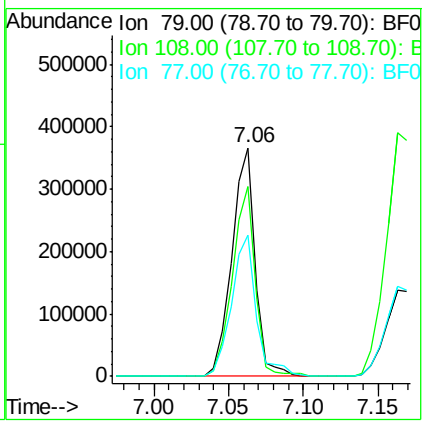


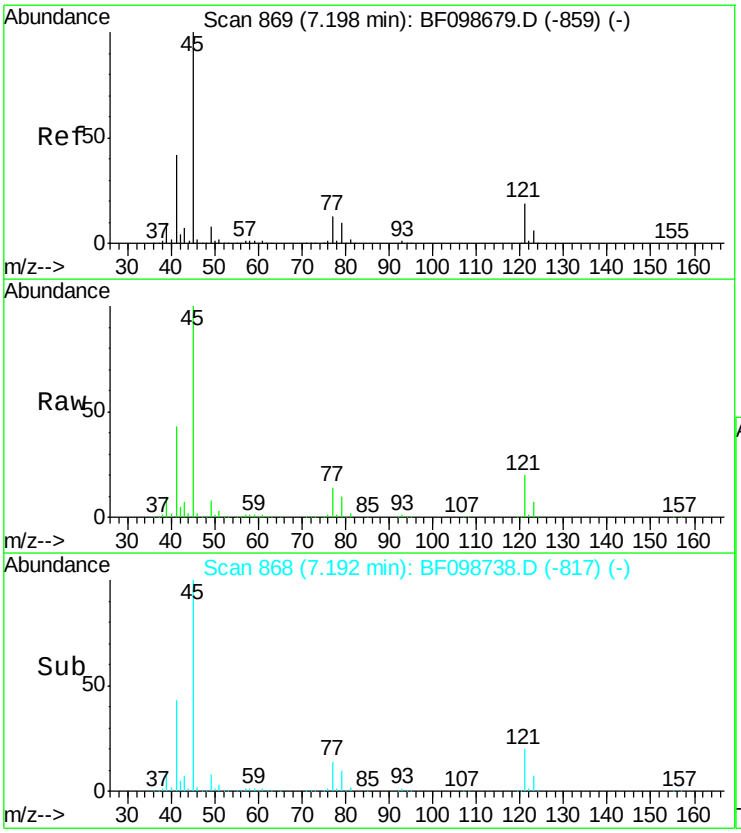
#15
Benzyl Alcohol
Concen: 39.62 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 401031

Ion	Ratio	Lower	Upper
79	100		
108	83.0	65.1	97.7
77	61.9	50.6	75.8

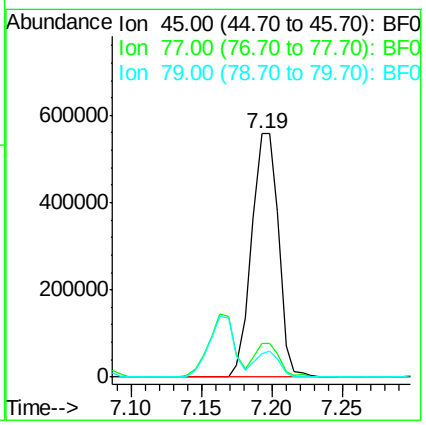


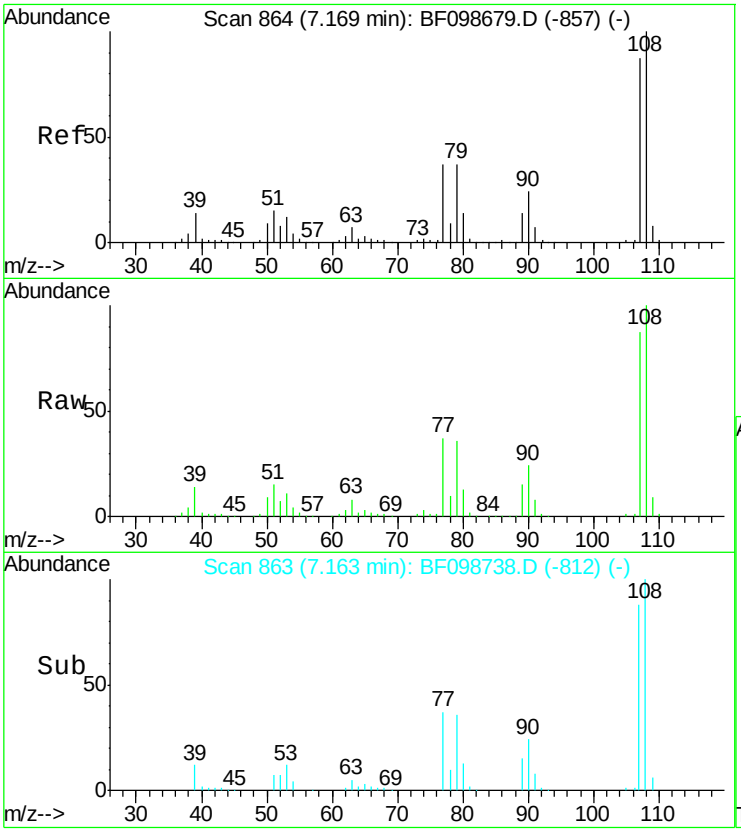


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.12 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 45 Resp: 749885

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.9
79	9.9	0.0	29.6



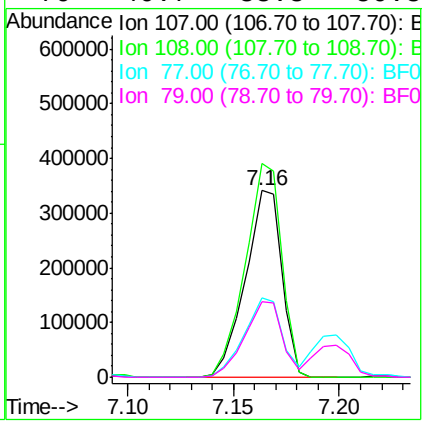


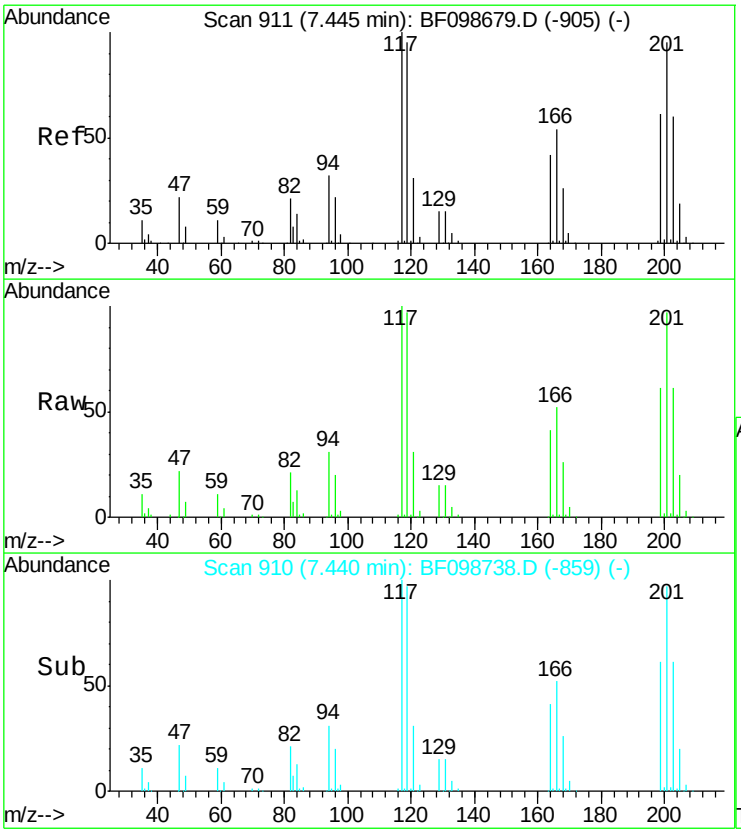
#17
2-Methylphenol
Concen: 39.60 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 410385

Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	42.2	33.8	50.8
79	40.7	33.8	50.8

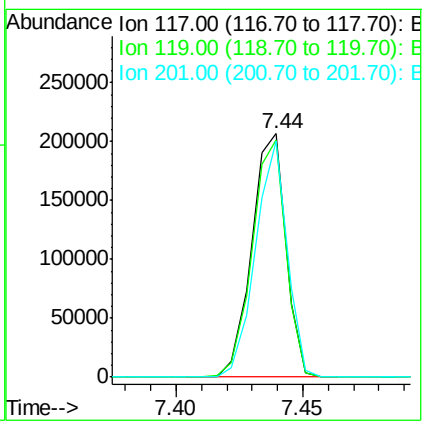


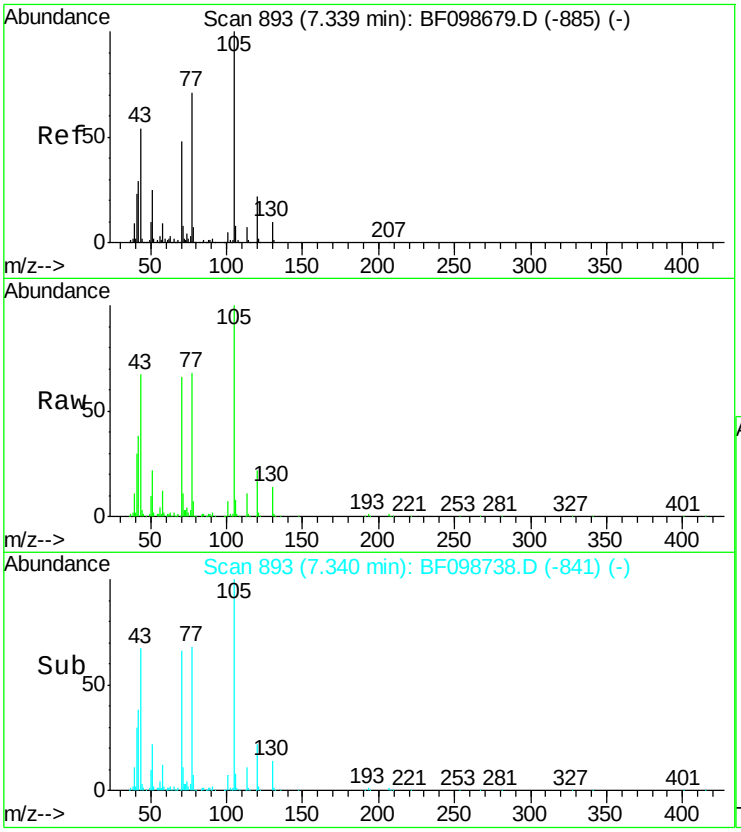


#18
Hexachloroethane
Concen: 40.07 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:117 Resp: 194361

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	96.8	75.7	113.5



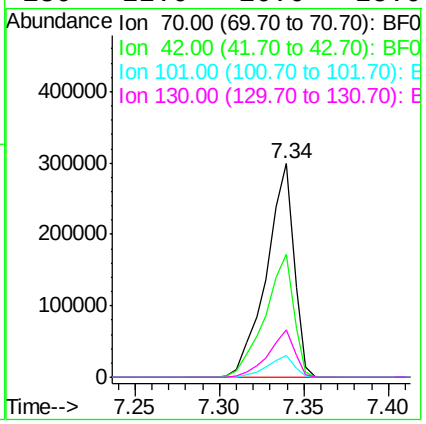


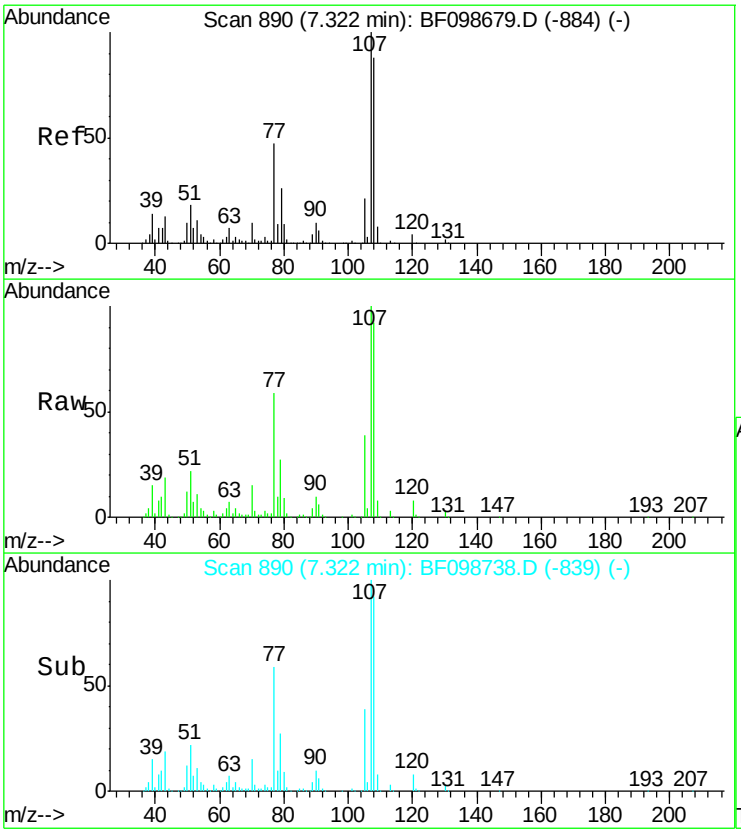
#19
n-Nitroso-di-n-propylamine
Concen: 38.47 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 338845

Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.5	71.3
101	10.1	7.4	11.2
130	22.0	16.6	25.0

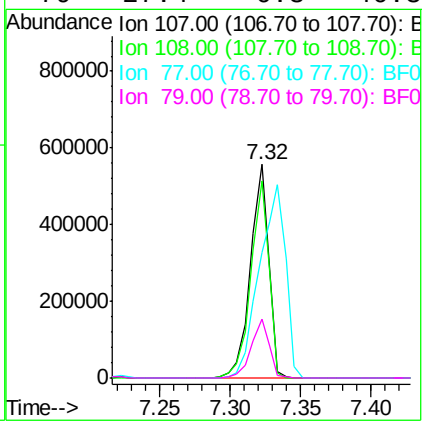


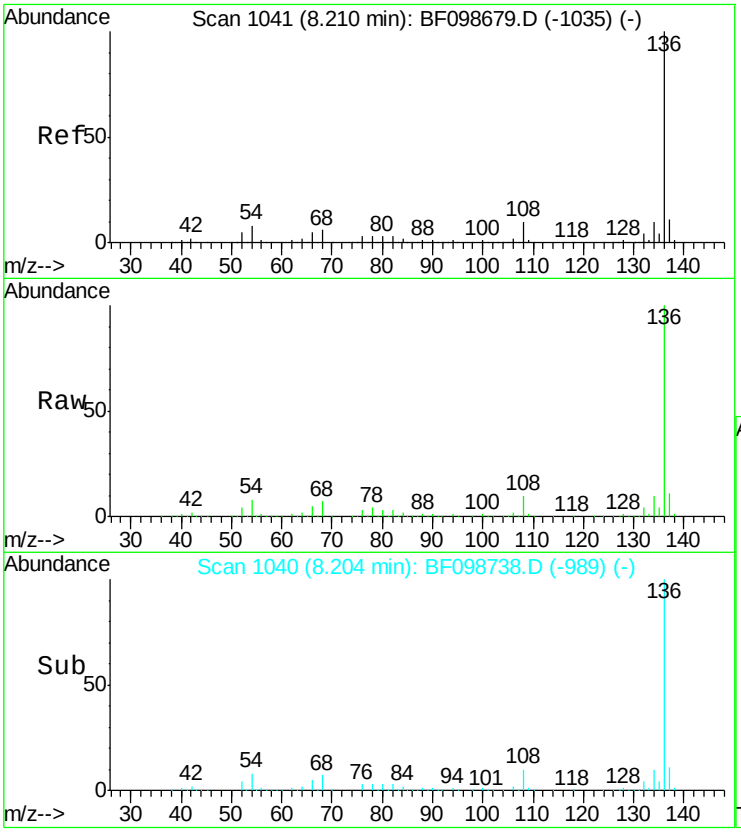


#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:107 Resp: 507963

Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	58.9	26.7	66.7
79	27.4	6.3	46.3



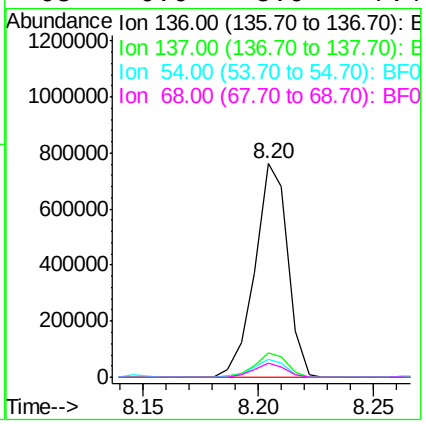


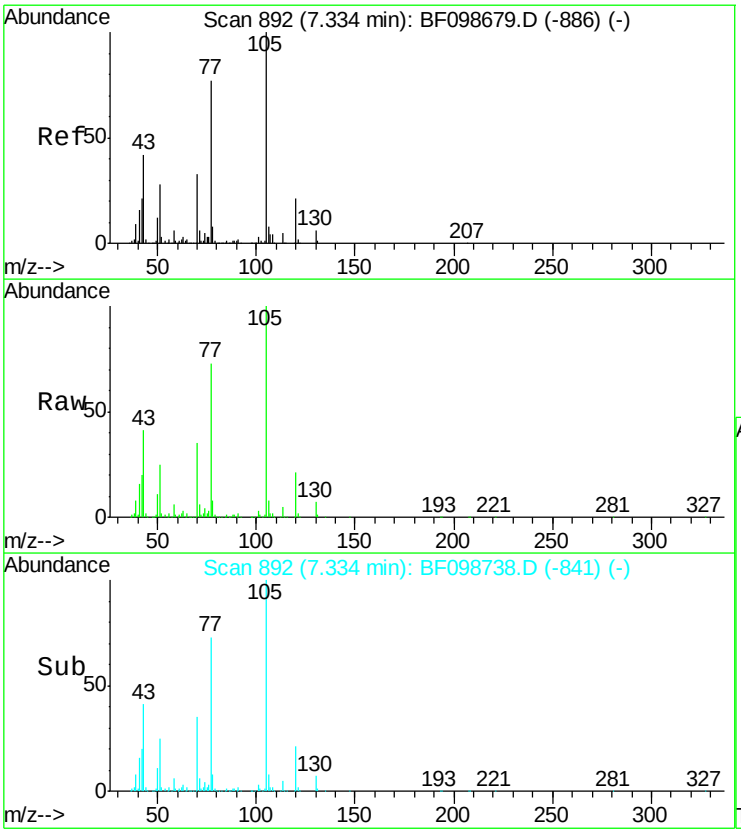
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 756435

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.6	5.0	7.4

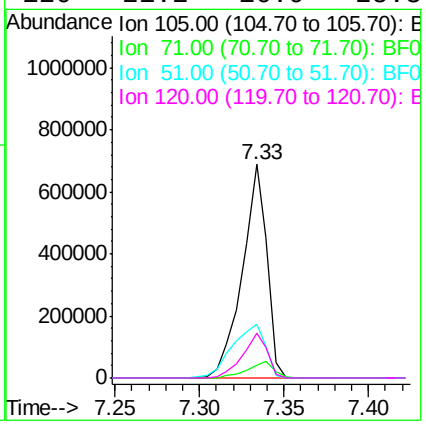


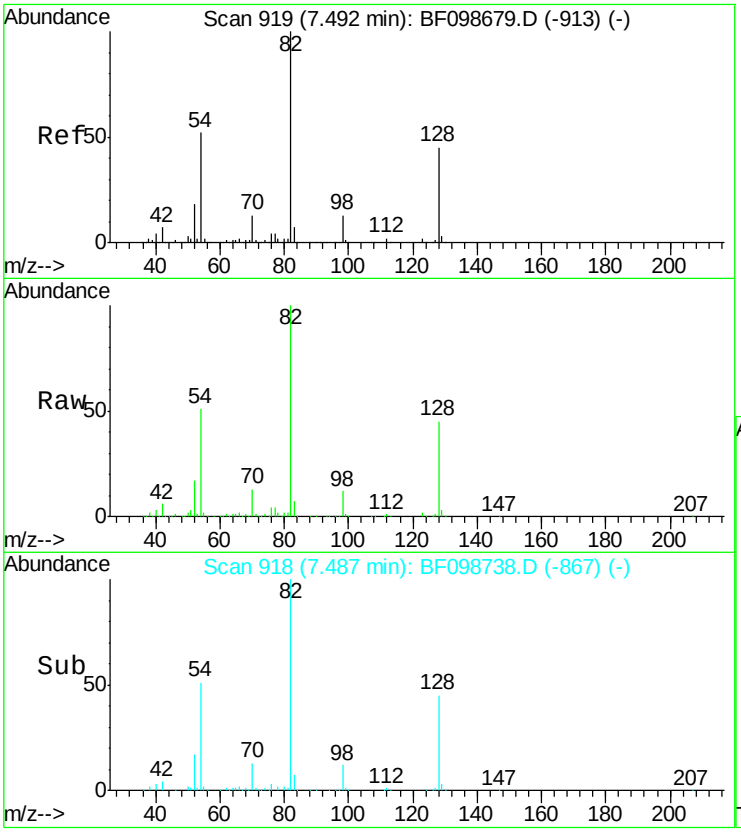


#22
Acetophenone
Concen: 38.28 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:105 Resp: 701553

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	25.1	22.3	33.5
120	21.2	16.9	25.3



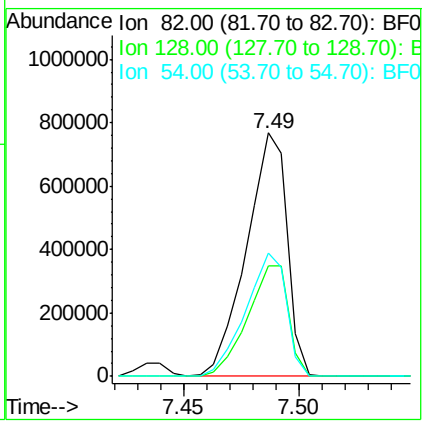


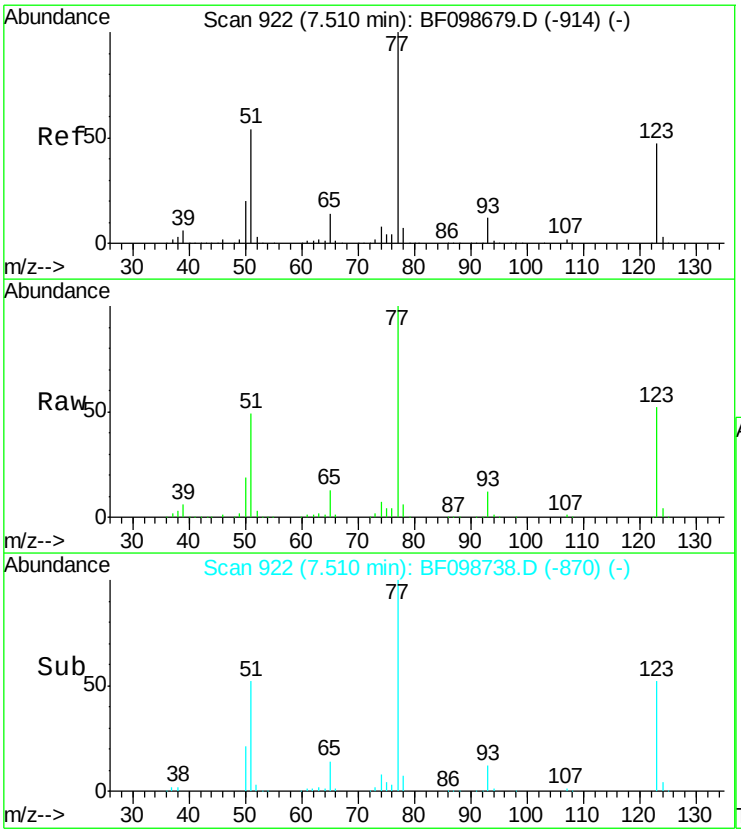
#23
Nitrobenzene-d5
Concen: 80.07 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 944441

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	50.9	41.4	62.2

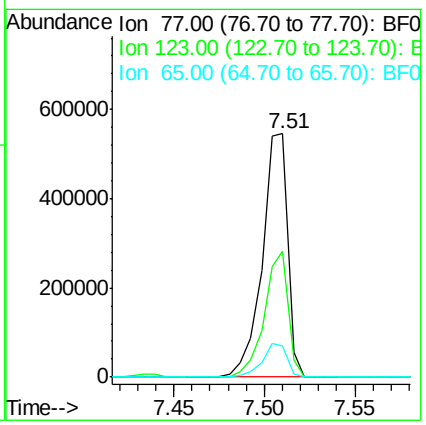


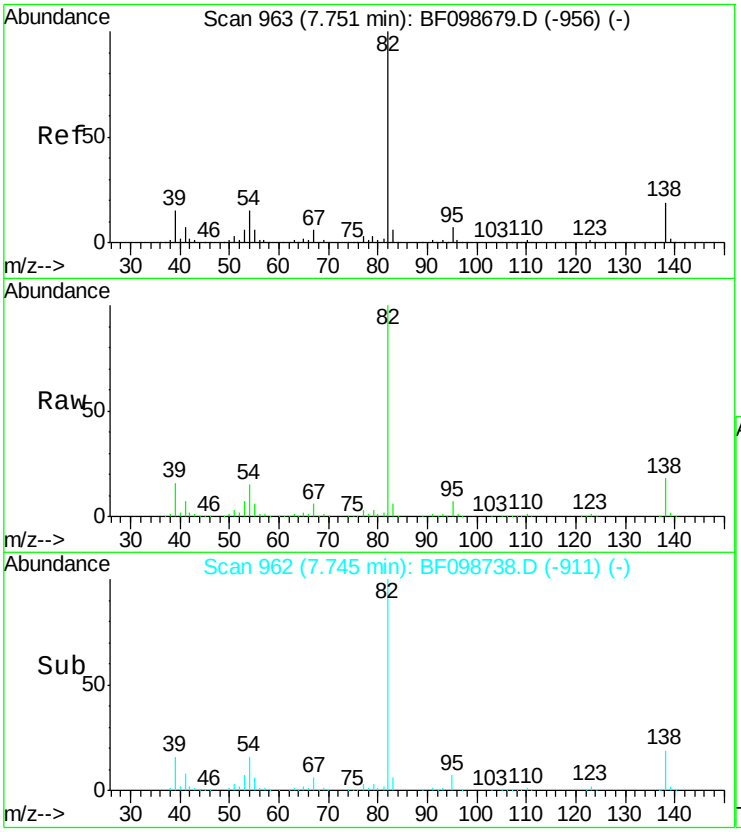


#24
Nitrobenzene
Concen: 39.93 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 77 Resp: 534340

Ion	Ratio	Lower	Upper
77	100		
123	51.5	37.9	56.9
65	13.0	11.0	16.4



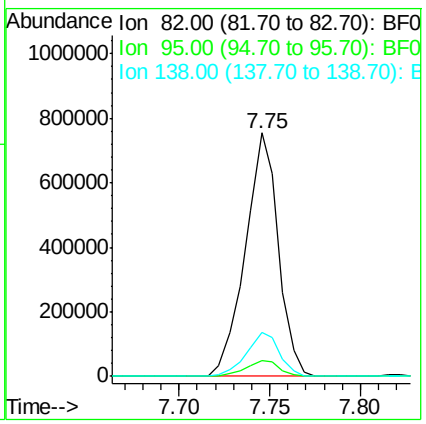


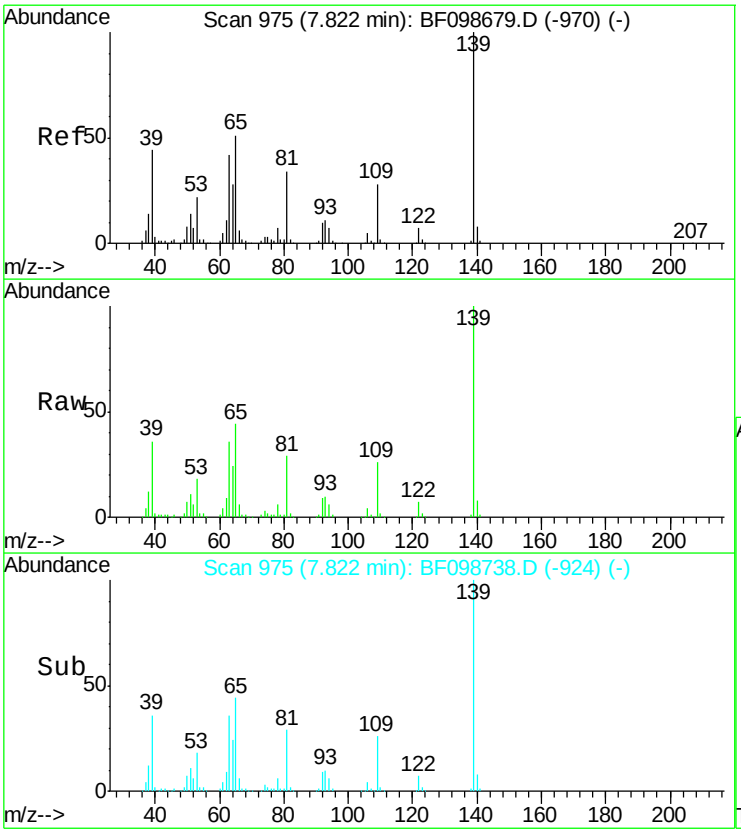
#25
Isophorone
Concen: 39.16 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 954945

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.3	14.9	22.3

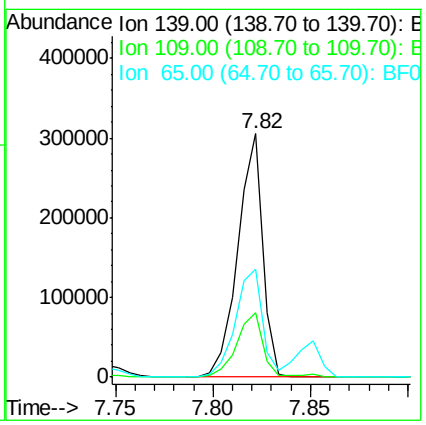


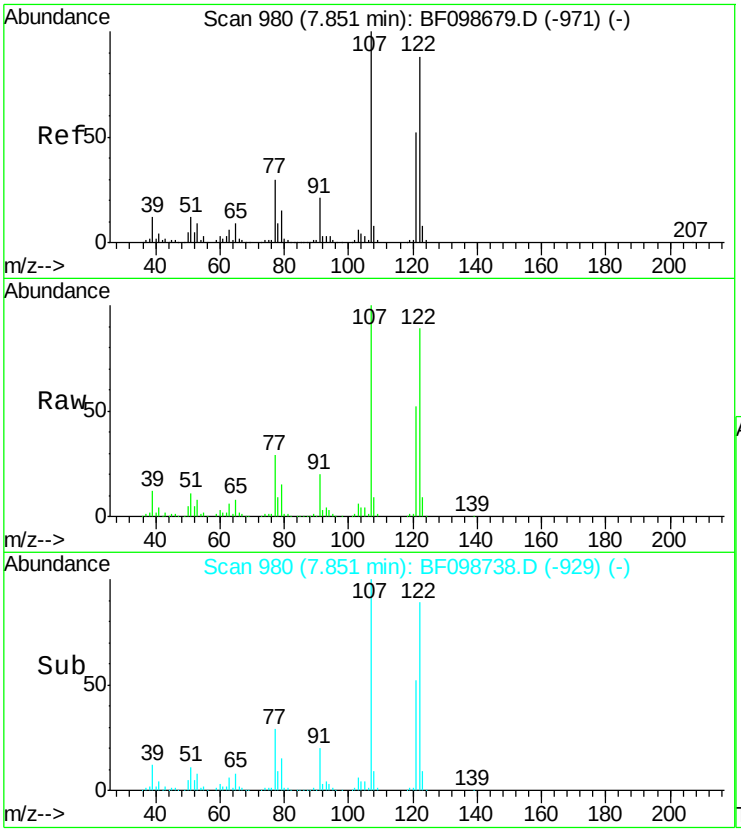


#26
2-Nitrophenol
Concen: 41.86 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:139 Resp: 269360

Ion	Ratio	Lower	Upper
139	100		
109	26.3	22.7	34.1
65	44.5	40.5	60.7



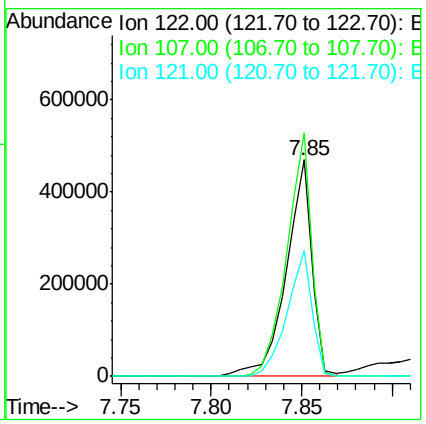


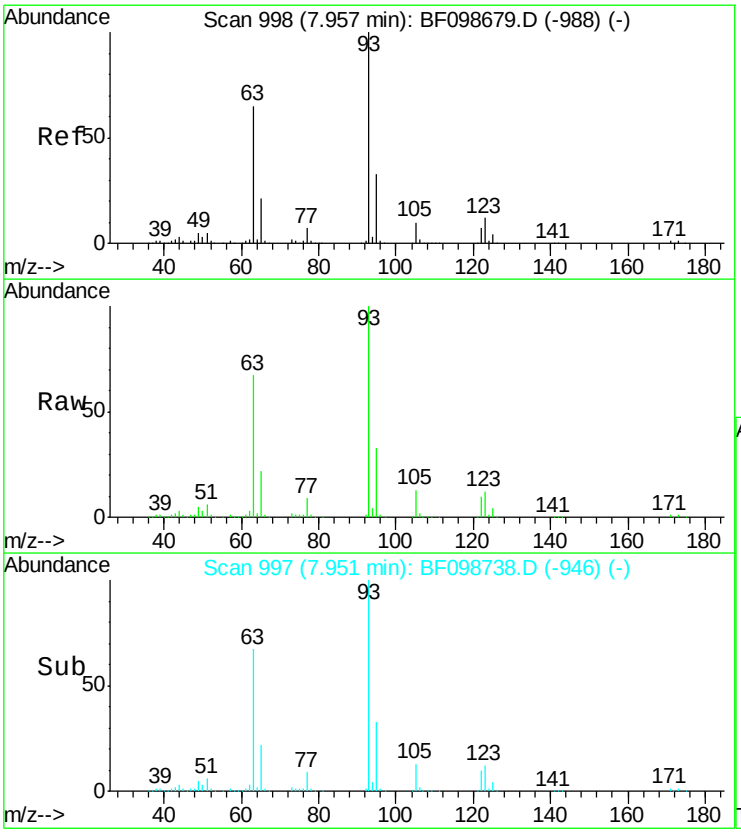
#27
2,4-Dimethylphenol
Concen: 38.63 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 469370

Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.2	136.8
121	58.1	47.2	70.8

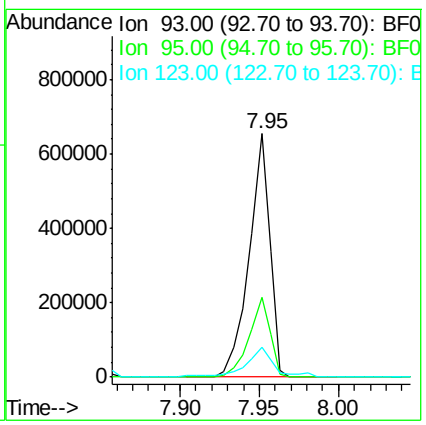


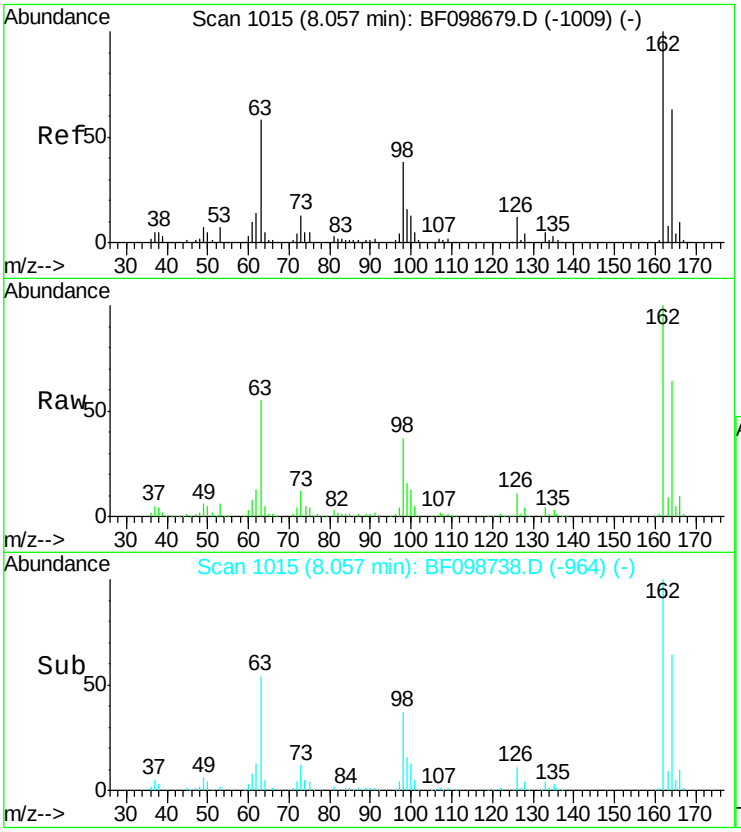


#28
bis(2-Chloroethoxy)methane
Concen: 39.13 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 93 Resp: 594667

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.5	9.8	14.6



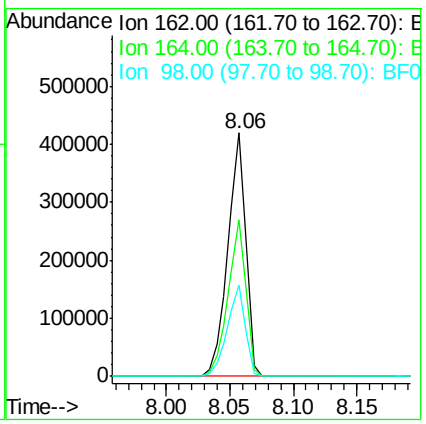


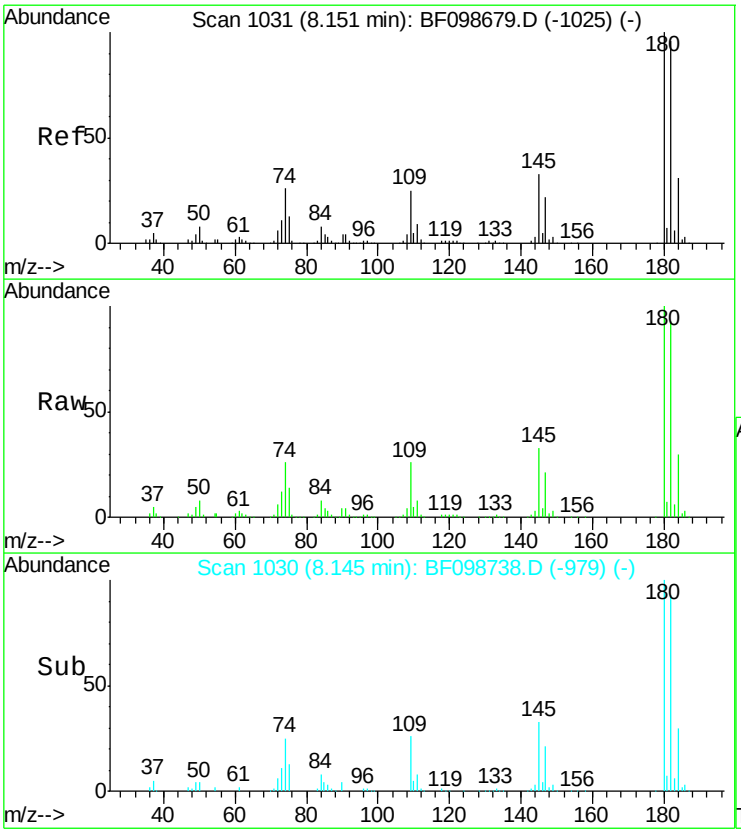
#29
2,4-Dichlorophenol
Concen: 39.23 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 409264

Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	37.2	18.1	58.1

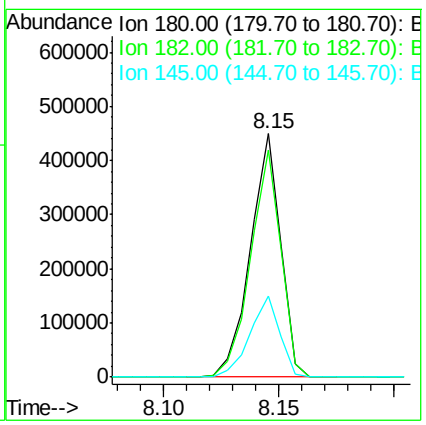


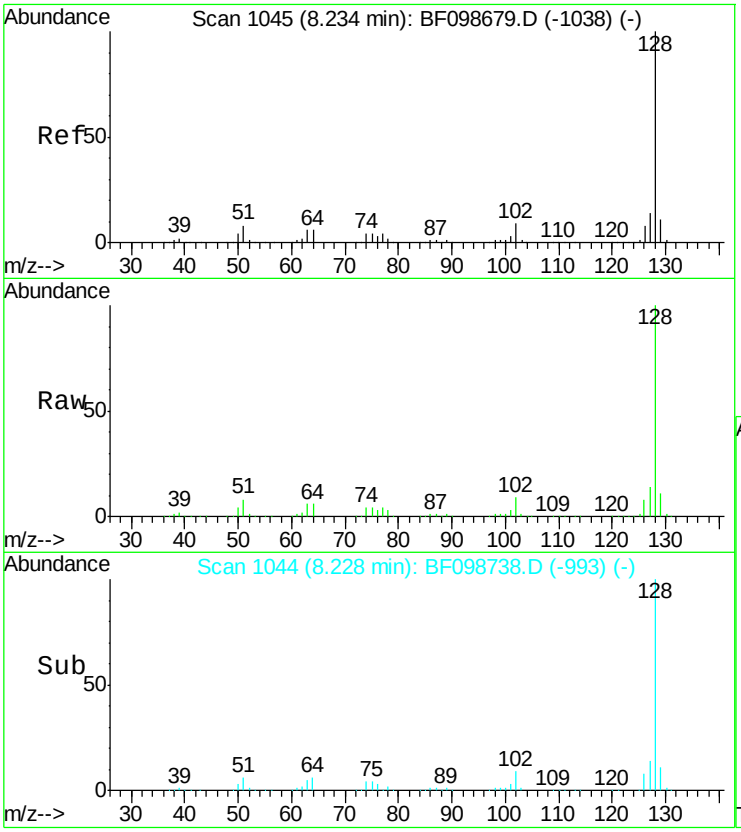


#30
1,2,4-Trichlorobenzene
Concen: 39.36 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:180 Resp: 410705

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	33.1	26.5	39.7



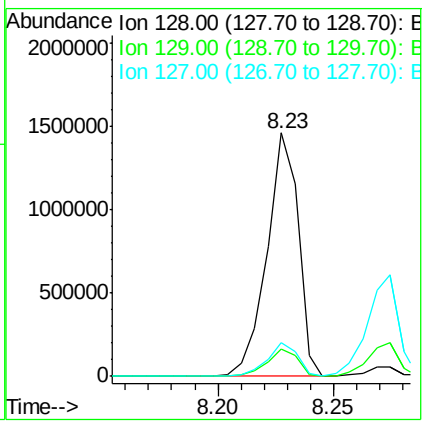


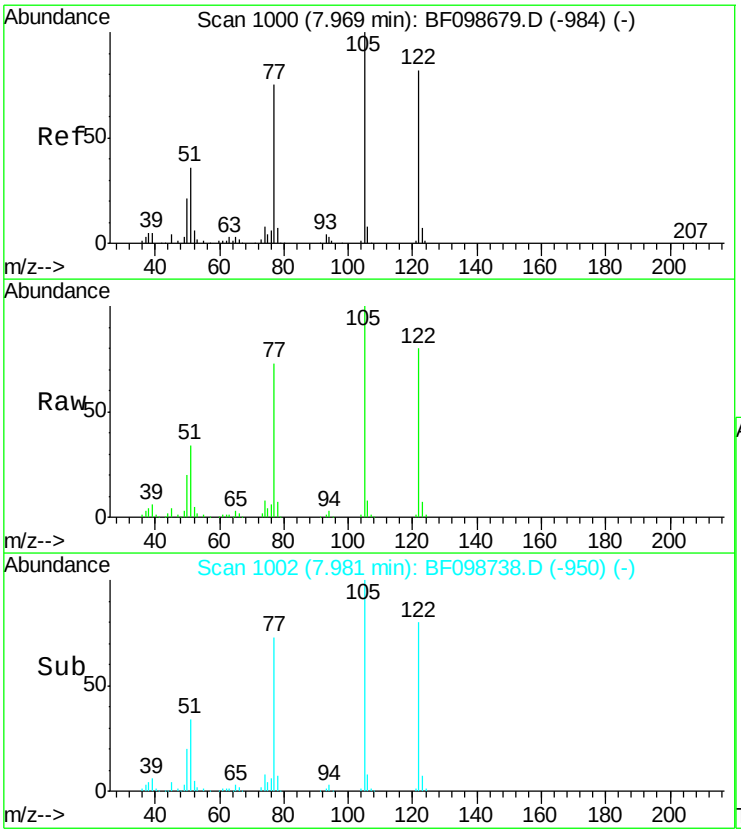
#31
Naphthalene
Concen: 38.77 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1377398

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.9	10.9	16.3

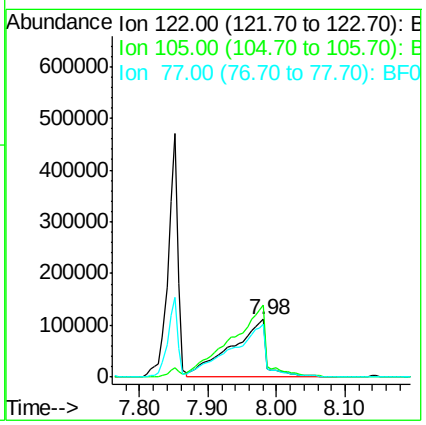


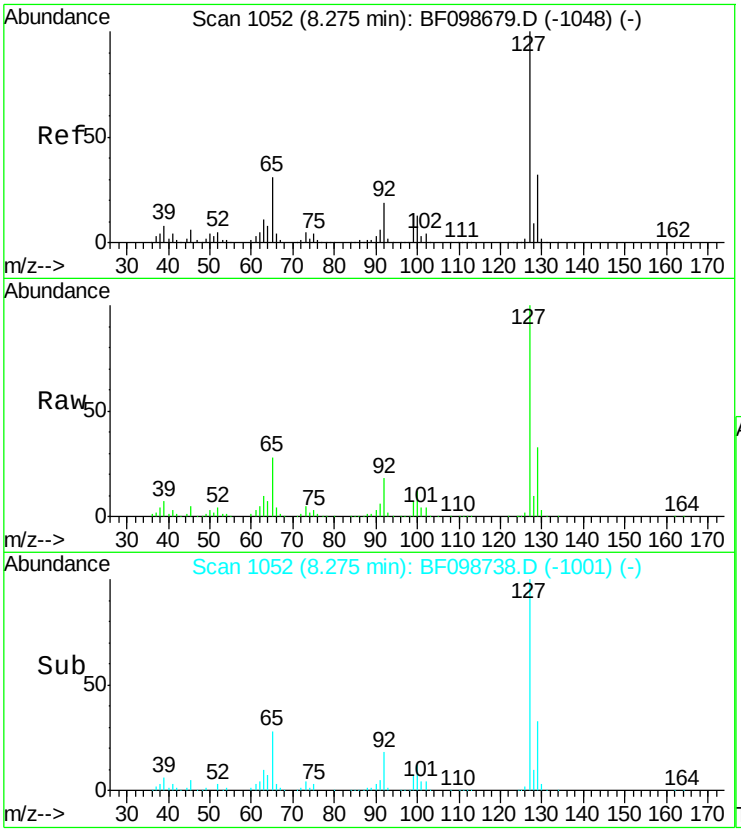


#32
Benzoic acid
Concen: 40.58 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:122 Resp: 405066

Ion	Ratio	Lower	Upper
122	100		
105	125.7	101.1	141.1
77	91.2	70.7	110.7



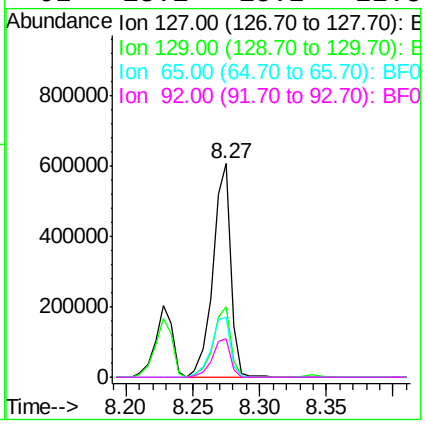


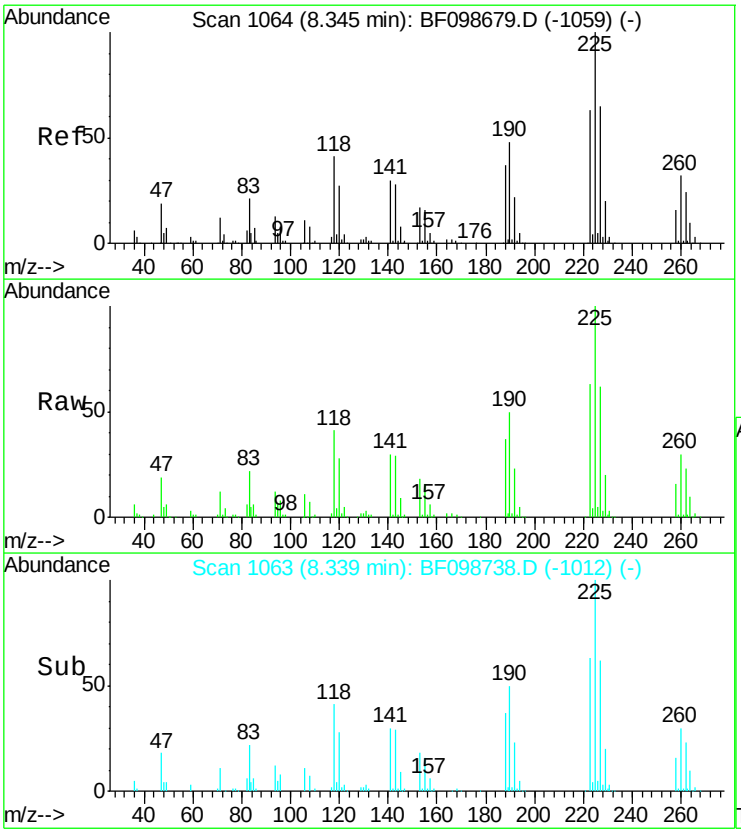
#33
4-Chloroaniline
Concen: 38.58 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 572372

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.1	25.0	37.4
92	18.1	15.2	22.8

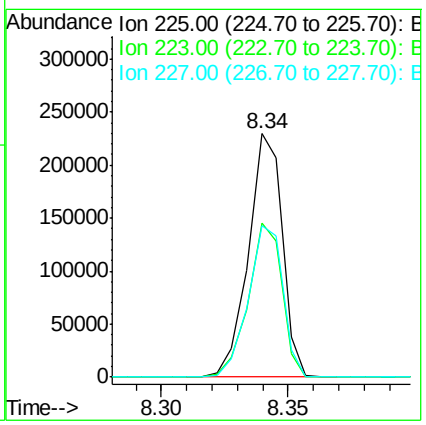


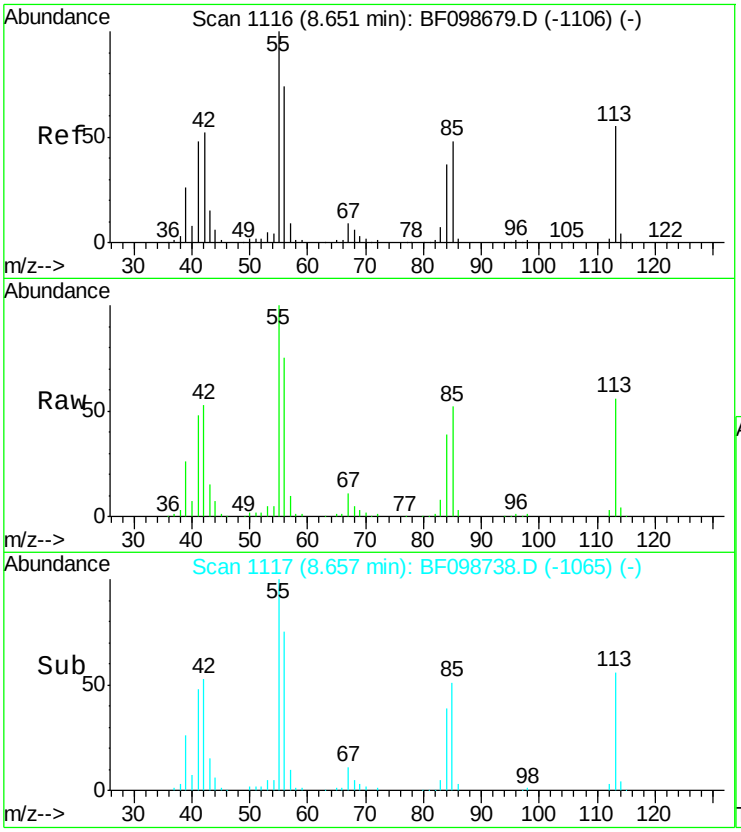


#34
Hexachlorobutadiene
Concen: 39.92 ng
RT: 8.34 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:225 Resp: 214530

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.3	51.9	77.9



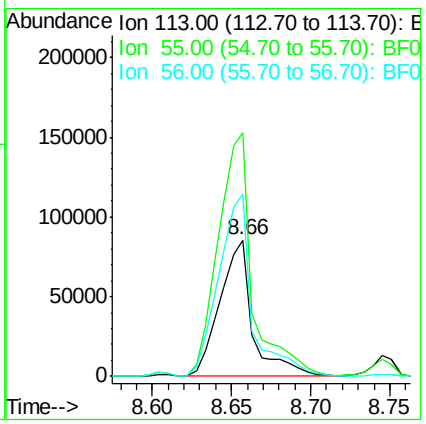


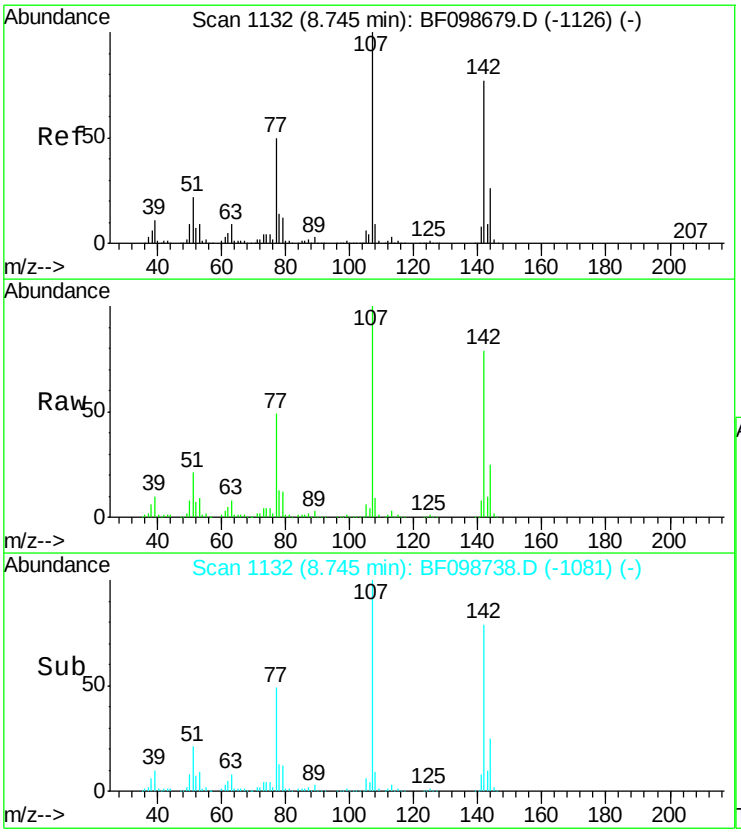
#35
Caprolactam
Concen: 36.77 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 123061

Ion	Ratio	Lower	Upper
113	100		
55	178.2	163.3	203.3
56	133.3	115.7	155.7

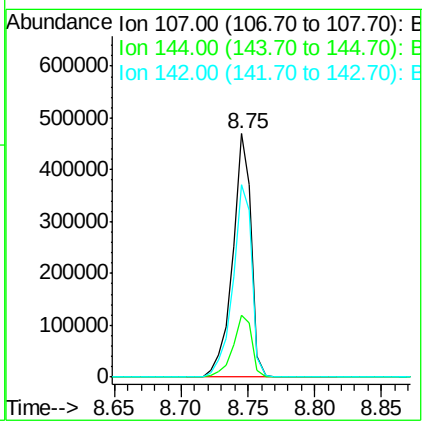


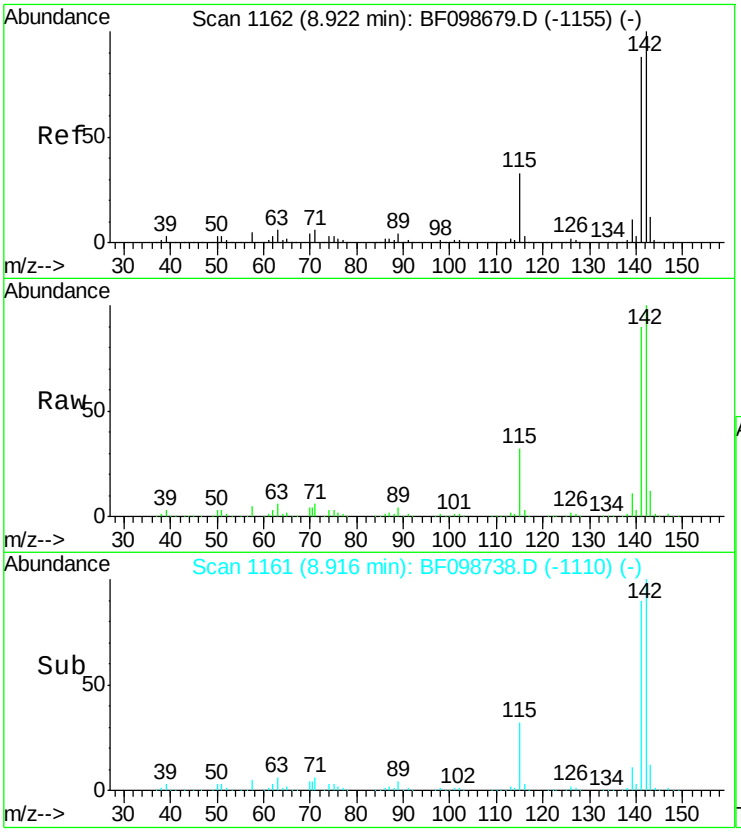


#36
4-Chloro-3-methylphenol
Concen: 38.91 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:107 Resp: 456307

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	79.3	62.0	93.0



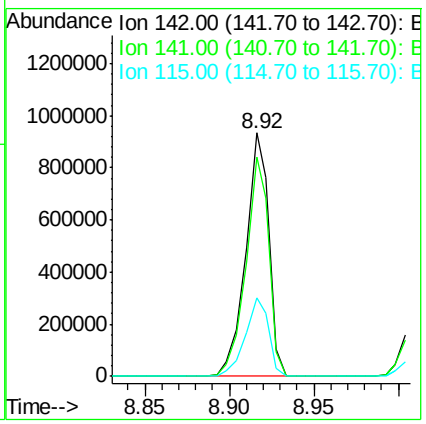


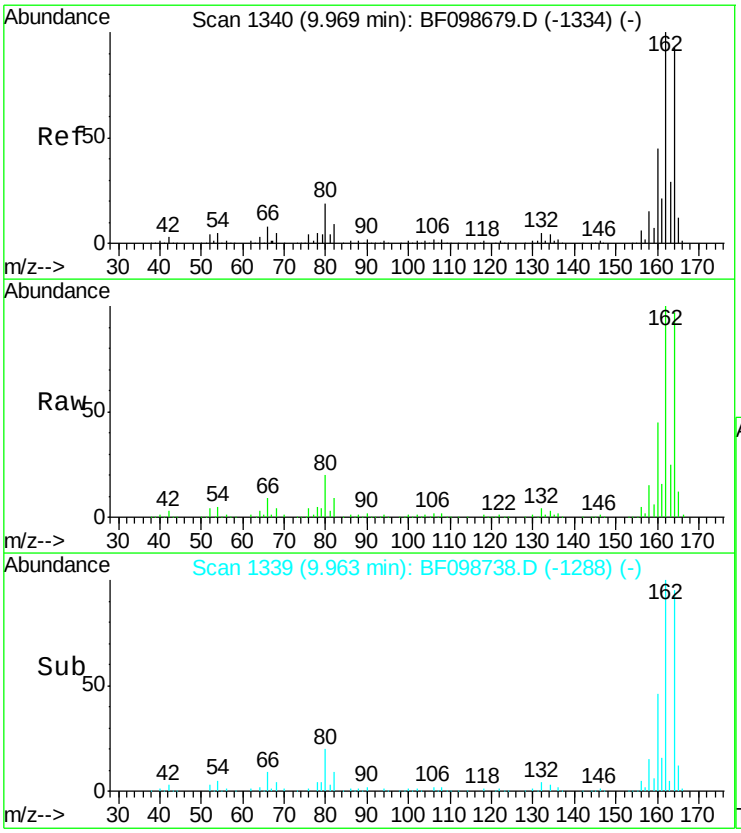
#37
2-Methylnaphthalene
Concen: 38.71 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 893914

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.3	26.1	39.1

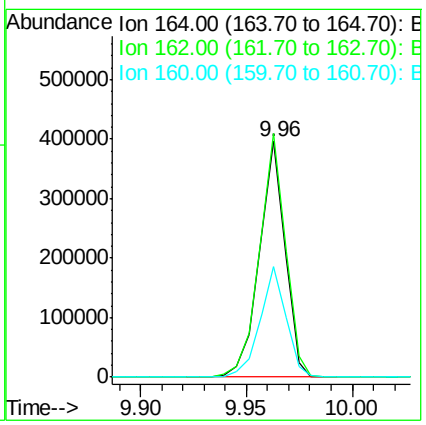


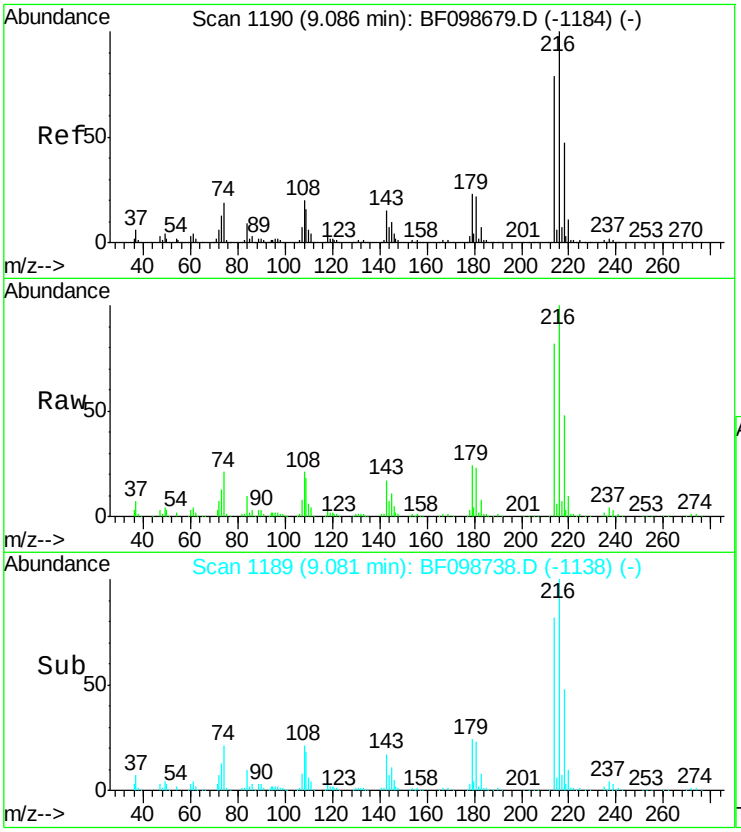


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:164 Resp: 337847

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	47.0	38.3	57.5



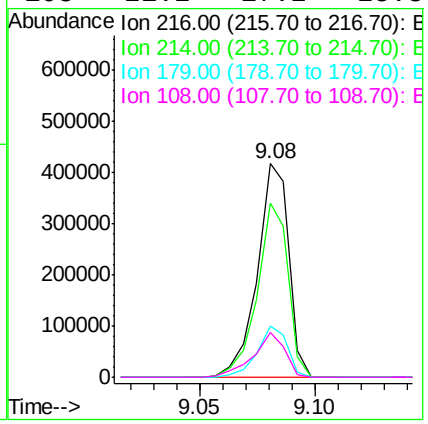


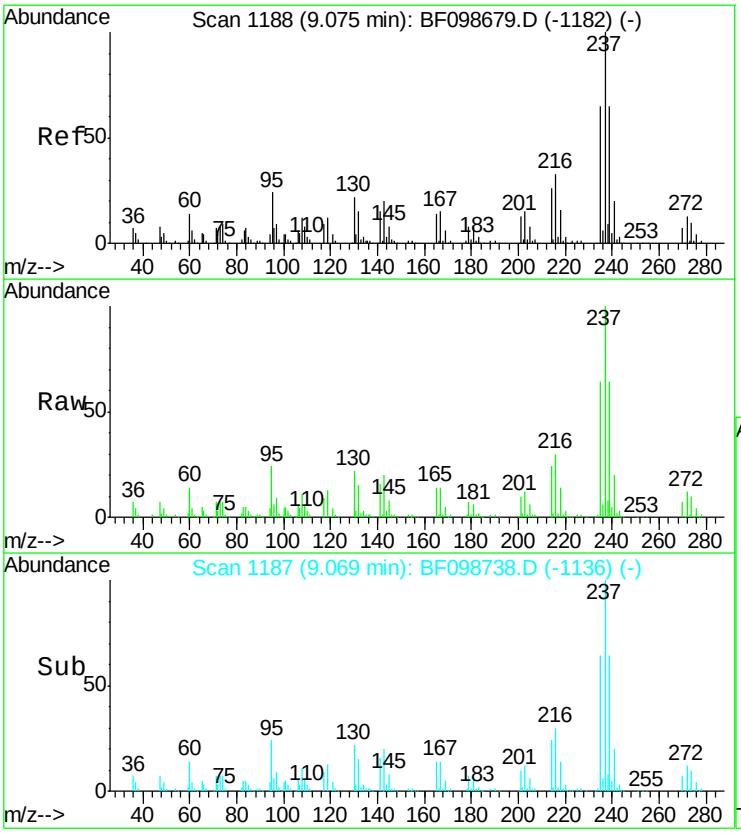
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.33 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 396234

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.8	18.1	27.1
108	21.2	17.2	25.8

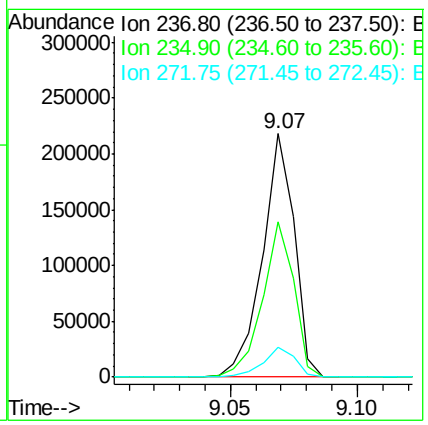


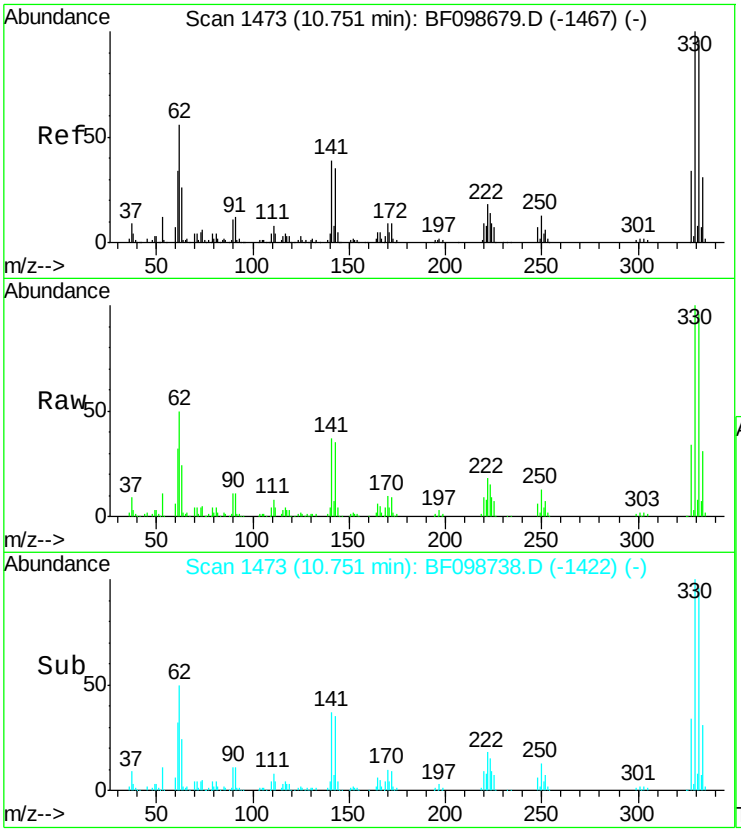


#40
Hexachlorocyclopentadiene
Concen: 41.84 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:237 Resp: 192657

Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	12.3	0.0	33.3



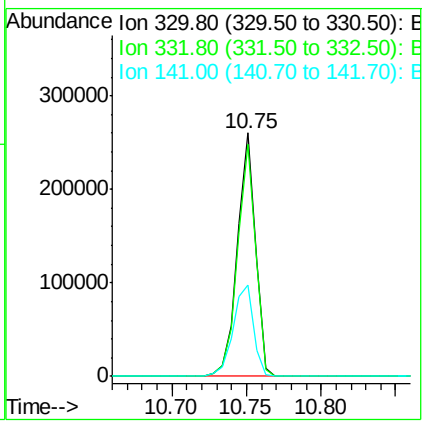


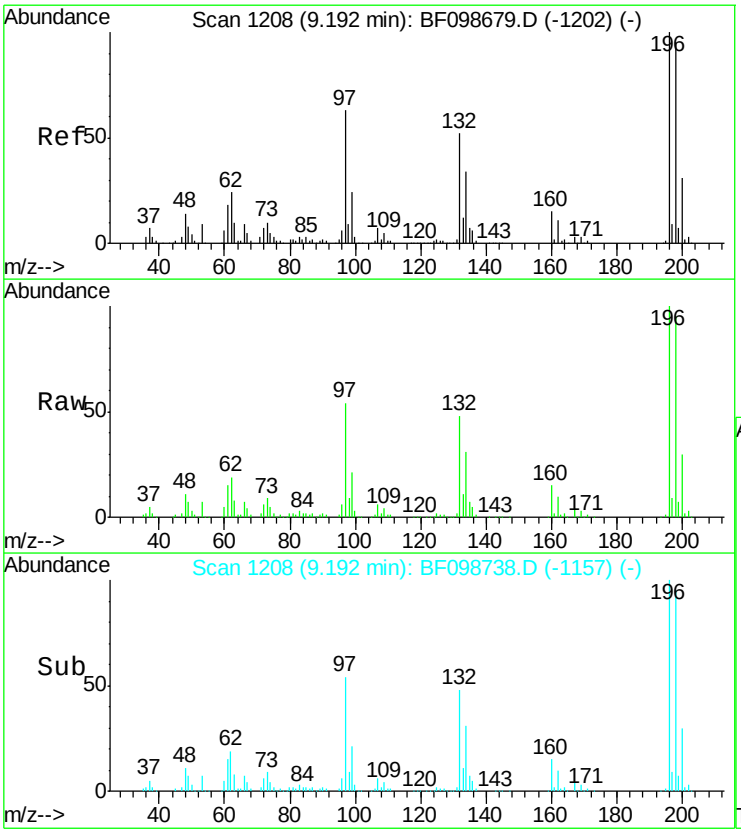
#41
2,4,6-Tribromophenol
Concen: 79.90 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 220890

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	42.3	29.9	44.9

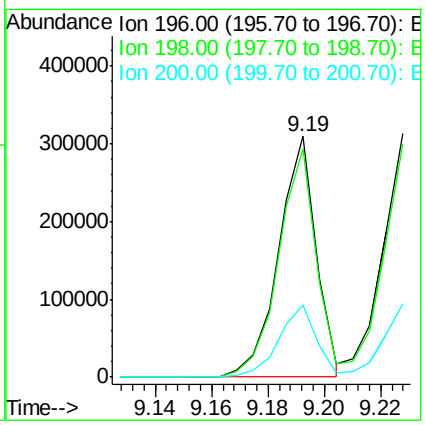


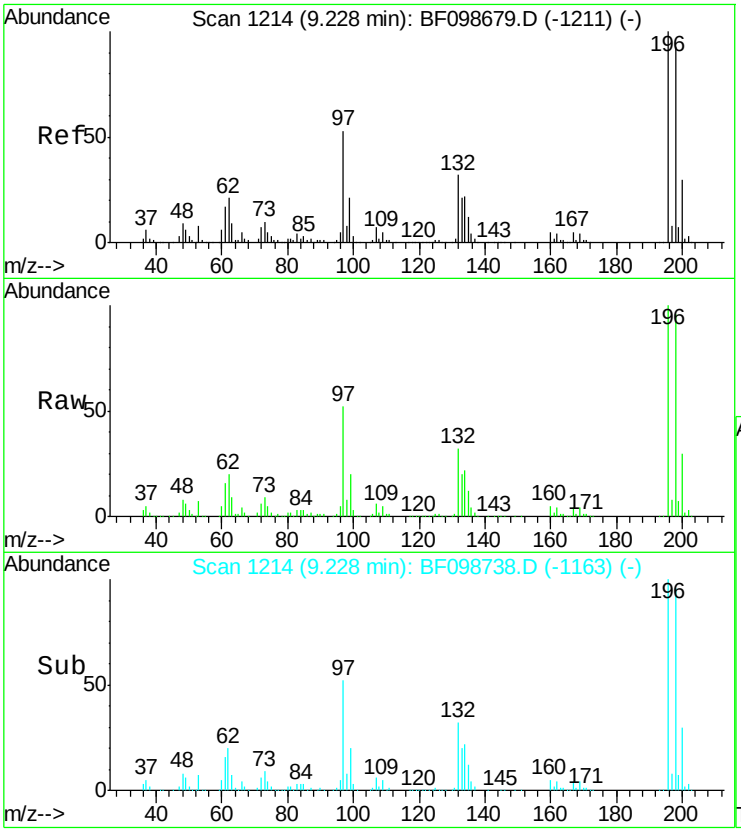


#42
2,4,6-Trichlorophenol
Concen: 39.84 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:196 Resp: 284370

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	29.9	24.5	36.7



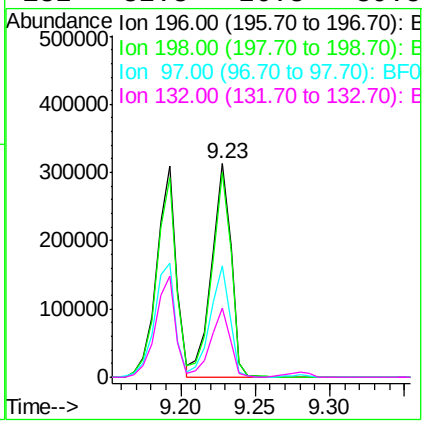


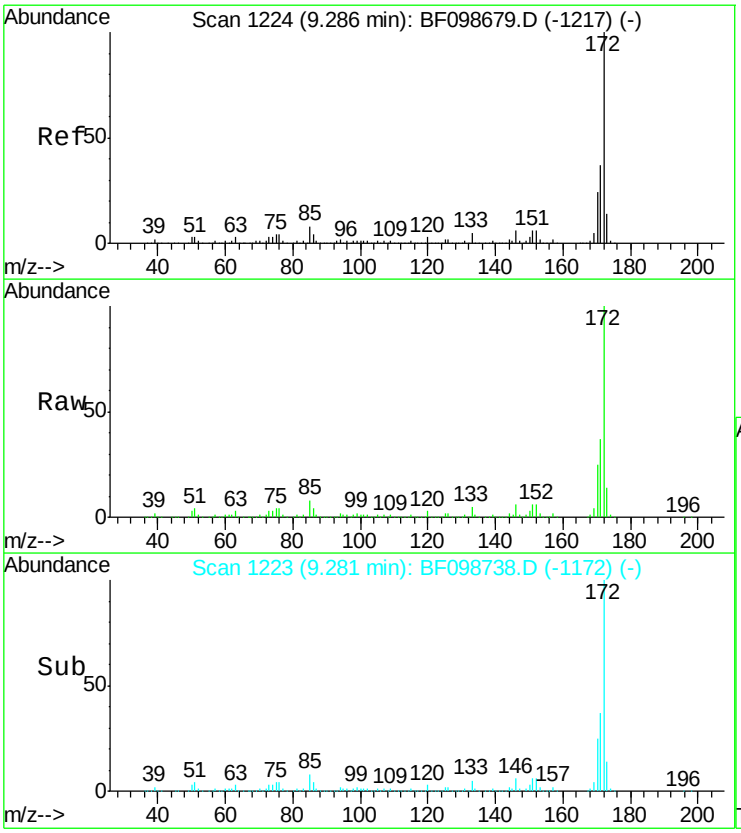
#43
2,4,5-Trichlorophenol
Concen: 40.11 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 285790

Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	52.1	42.9	64.3
132	32.3	26.3	39.5

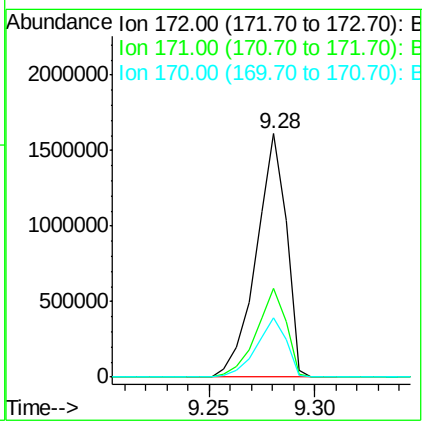


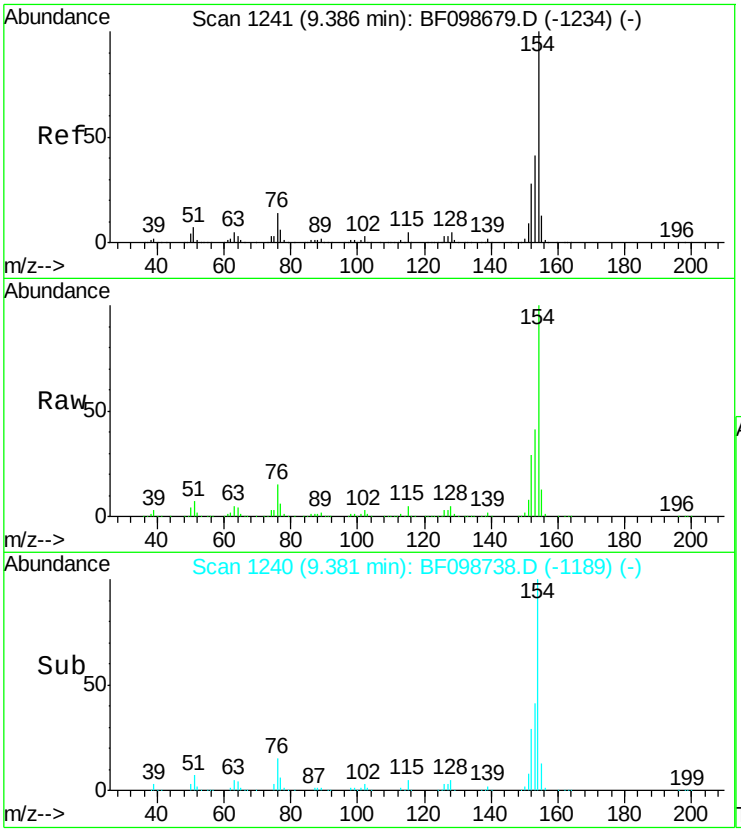


#44
2-Fluorobiphenyl
Concen: 79.34 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:172 Resp: 1605732

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4



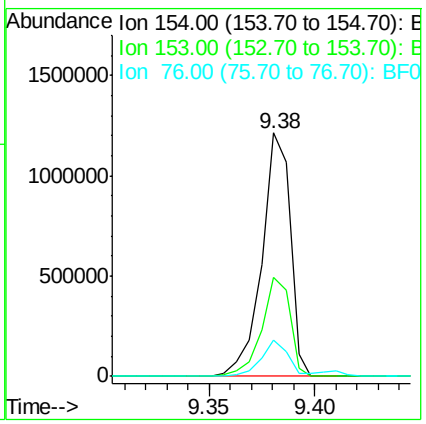


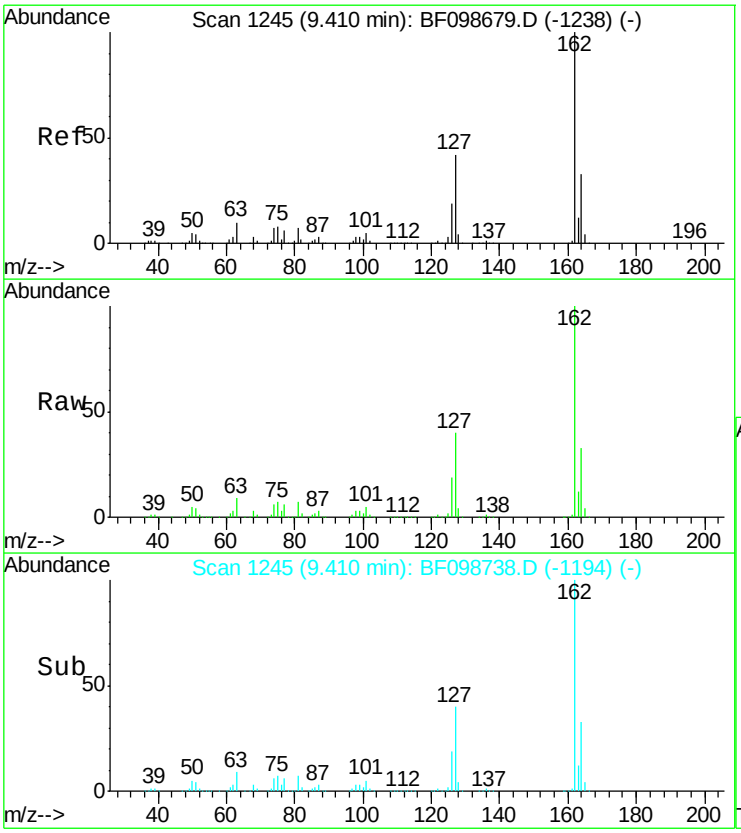
#45
1,1'-Biphenyl
Concen: 39.12 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1135875

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.7	0.0	34.0

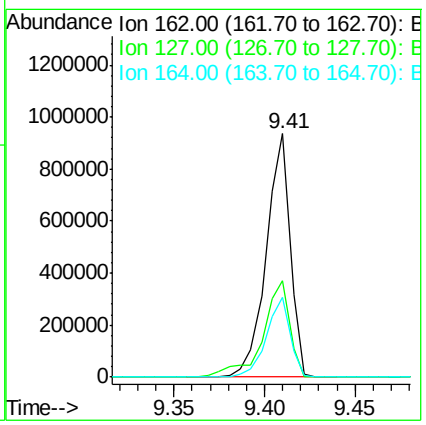


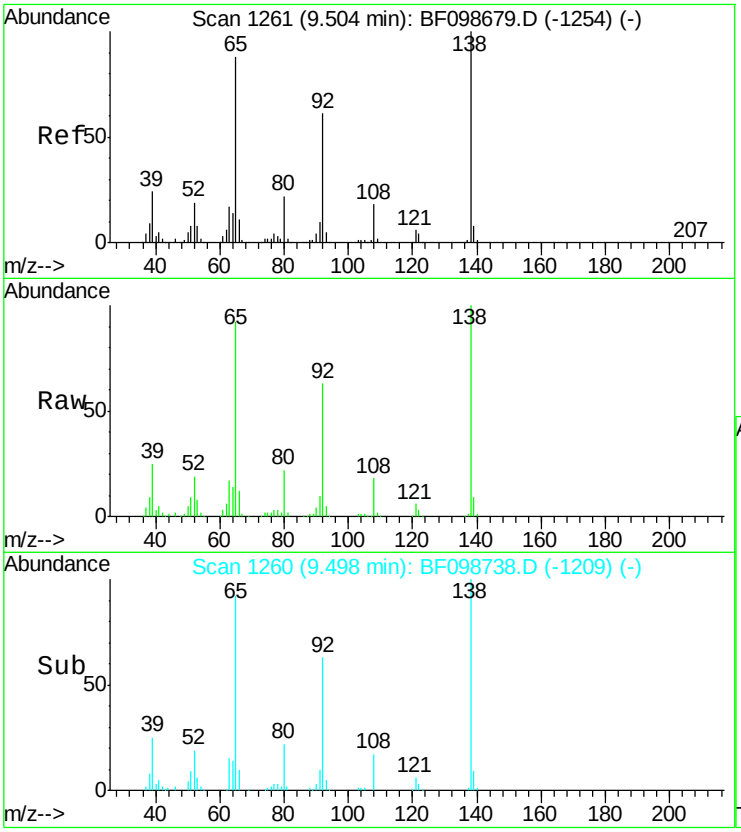


#46
2-Chloronaphthalene
Concen: 39.33 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:162 Resp: 857352

Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.9	50.9
164	33.0	26.5	39.7



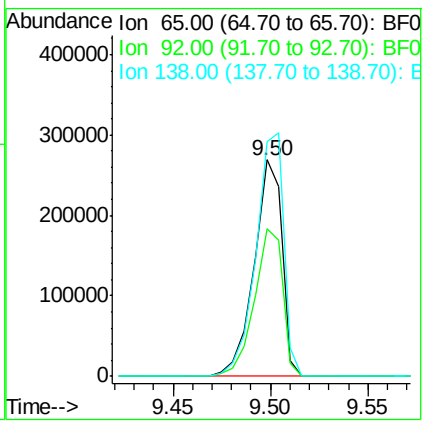


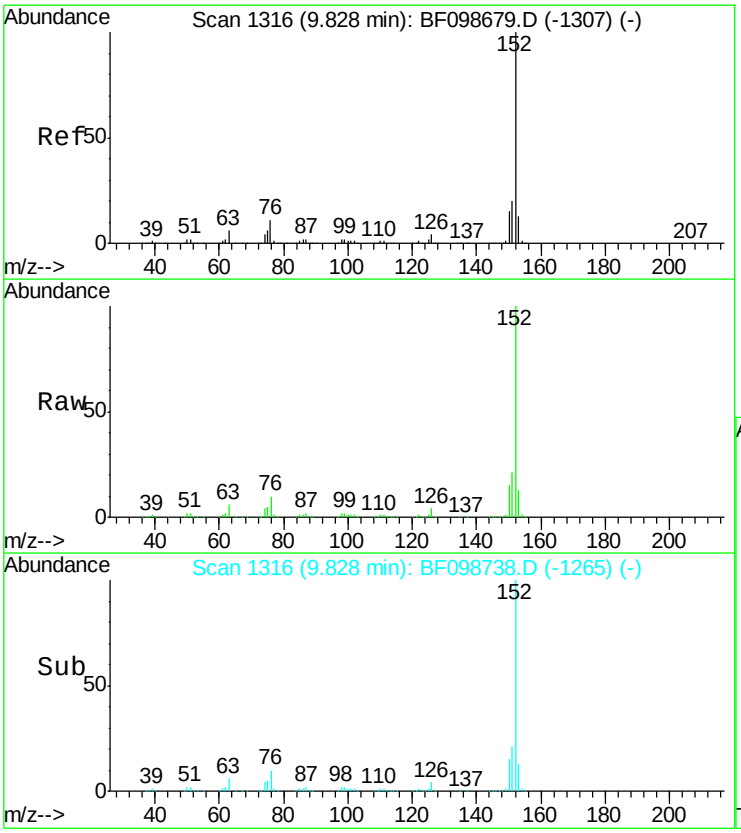
#47
2-Nitroaniline
Concen: 39.88 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 266219

Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.8	83.6
138	108.3	91.2	136.8

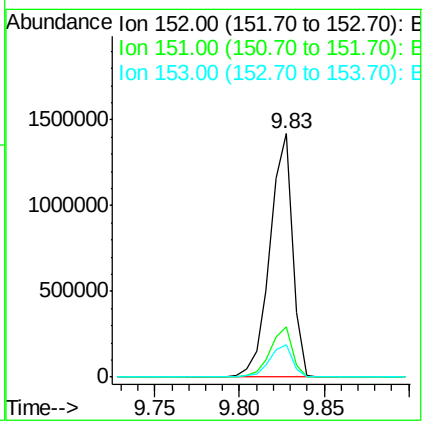


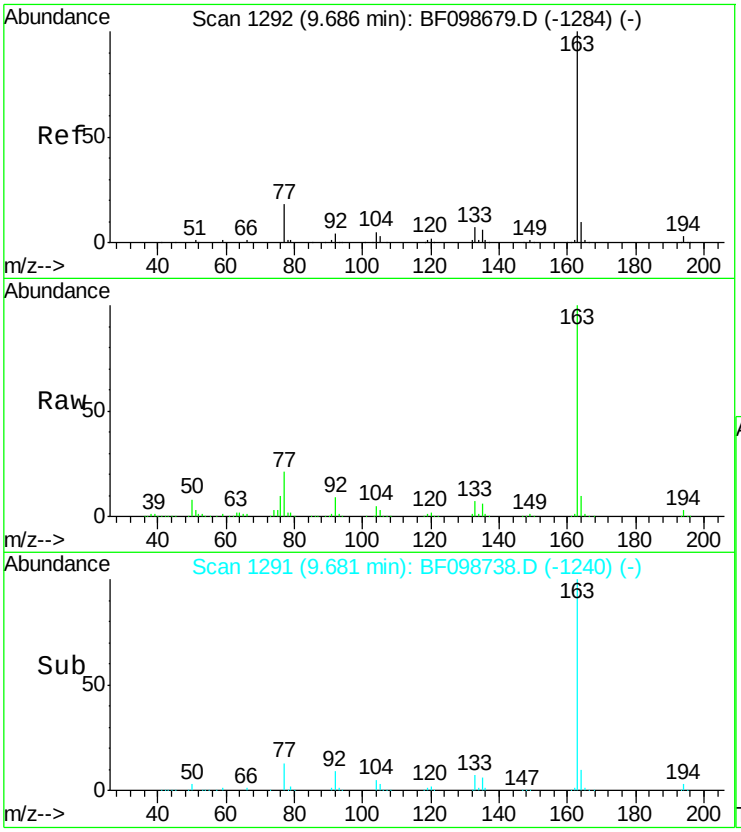


#48
Acenaphthylene
Concen: 38.94 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:152 Resp: 1299470

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.2	10.7	16.1



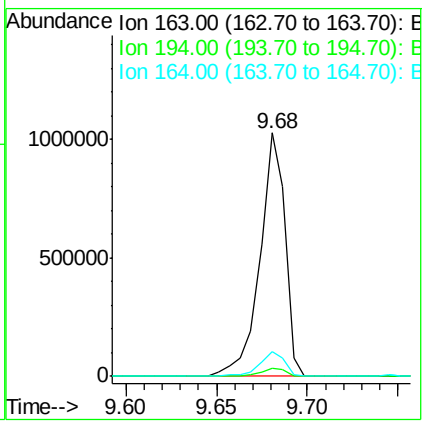


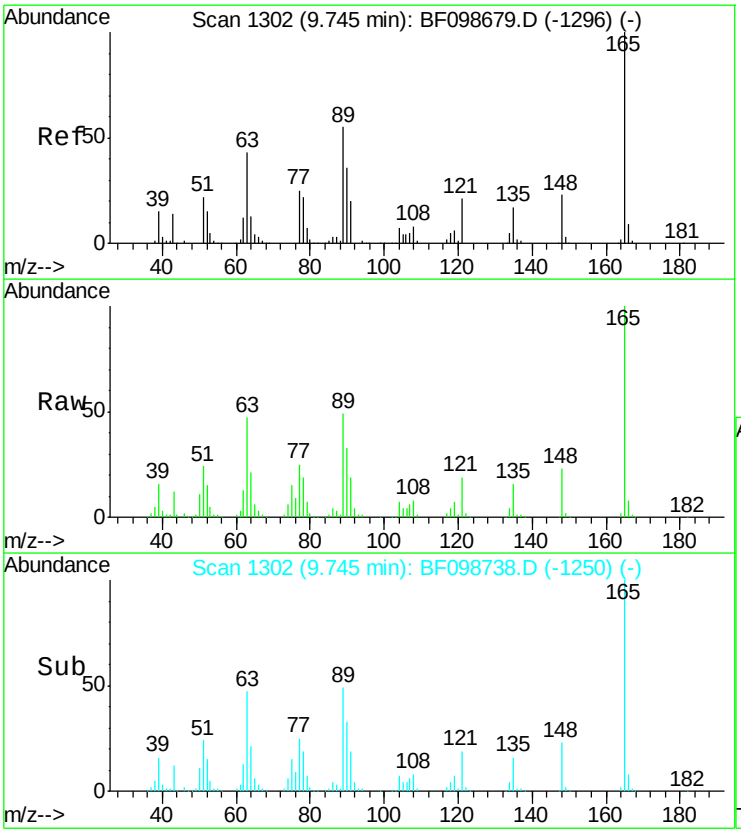
#49
Dimethylphthalate
Concen: 38.81 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 989657

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

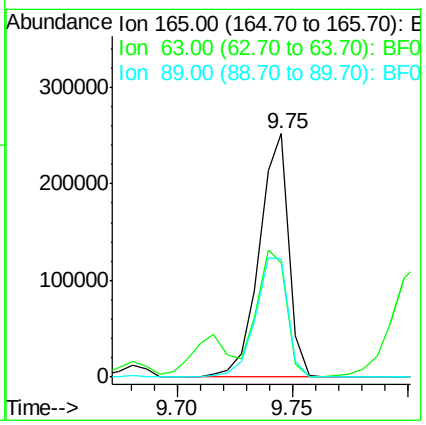


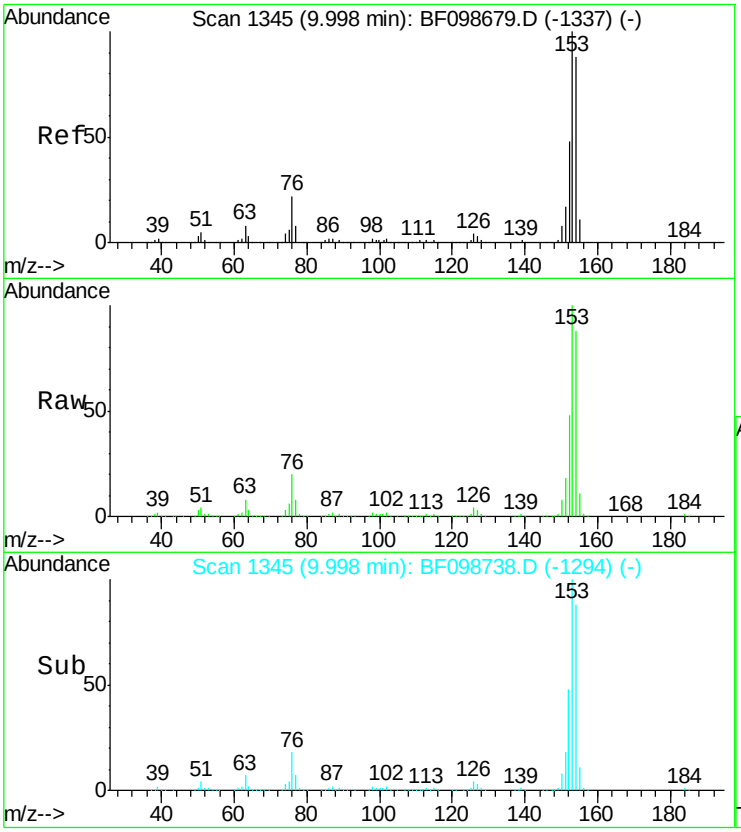


#50
2,6-Dinitrotoluene
Concen: 40.33 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:165 Resp: 223896

Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.7	67.1
89	48.8	44.0	66.0



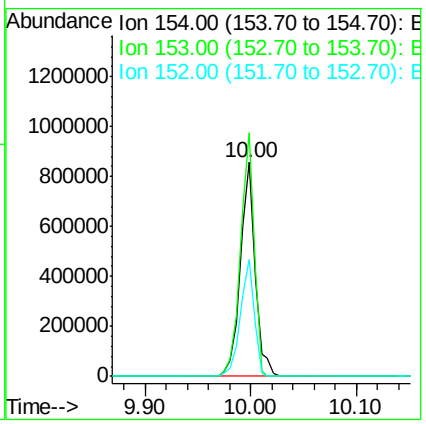


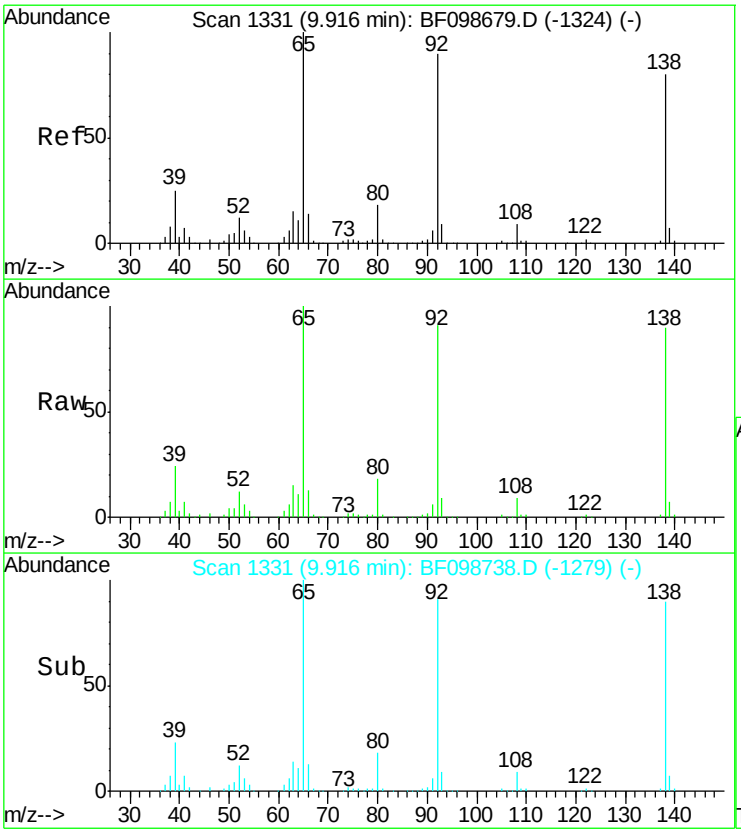
#51
Acenaphthene
Concen: 38.92 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 822884

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	54.9	43.8	65.8

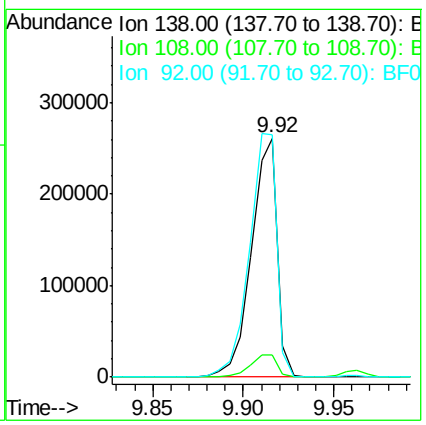


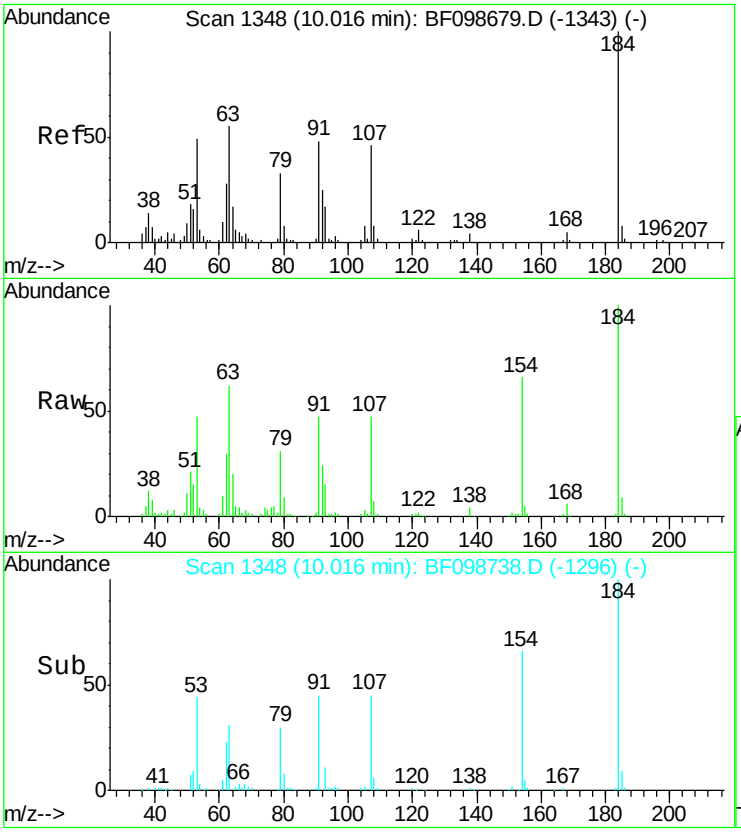


#52
3-Nitroaniline
Concen: 39.81 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:138 Resp: 257713

Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	101.4	89.4	134.2



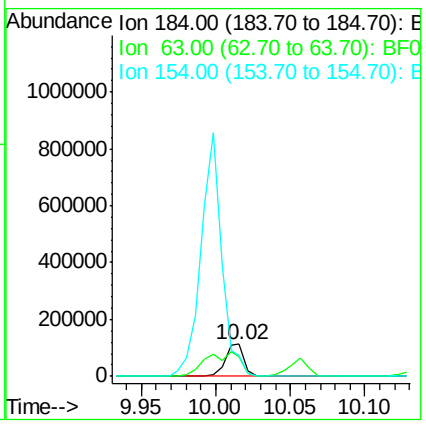


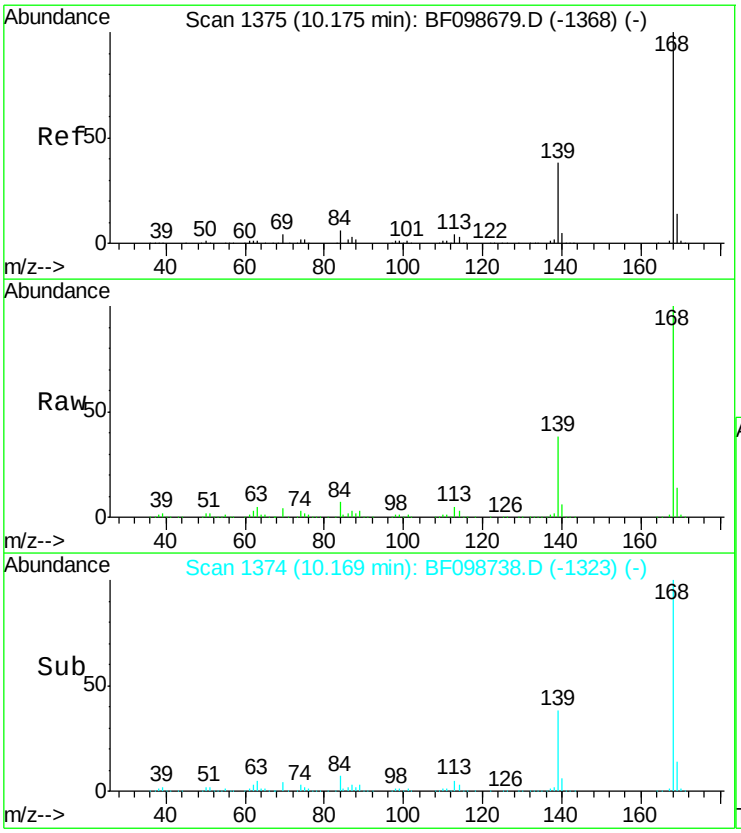
#53
2,4-Dinitrophenol
Concen: 38.49 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 101816

Ion	Ratio	Lower	Upper
184	100		
63	62.0	54.2	81.2
154	66.3	53.5	80.3

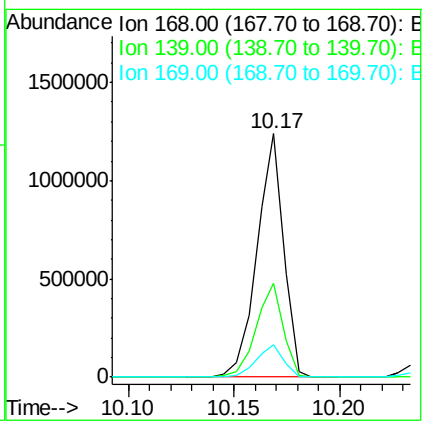


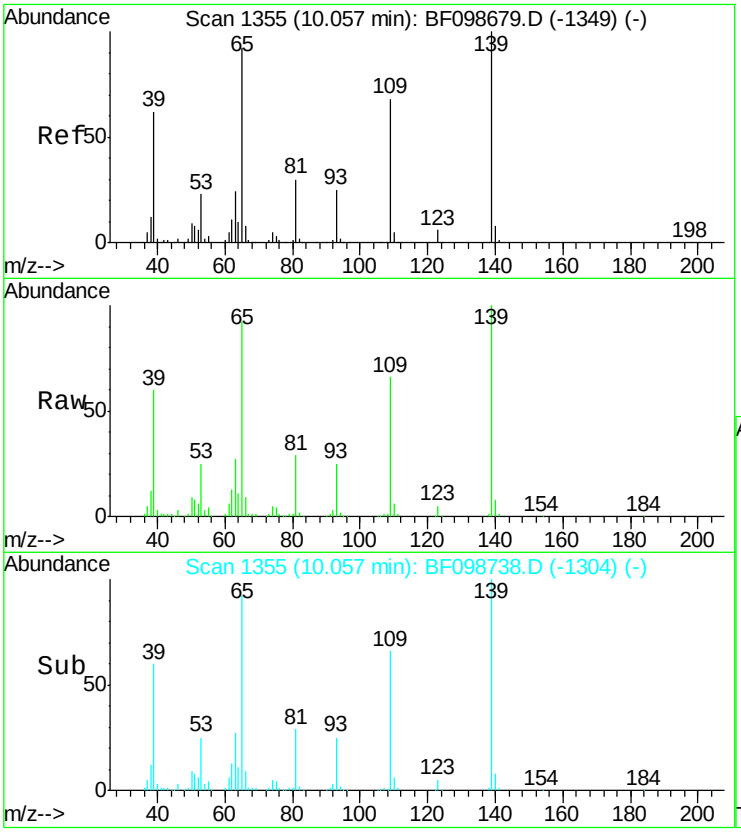


#54
Dibenzofuran
Concen: 38.55 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:168 Resp: 1085060

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.6	10.9	16.3



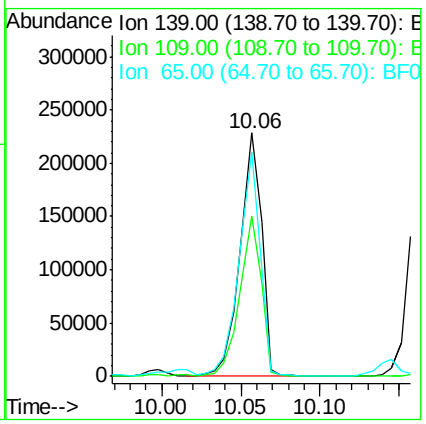


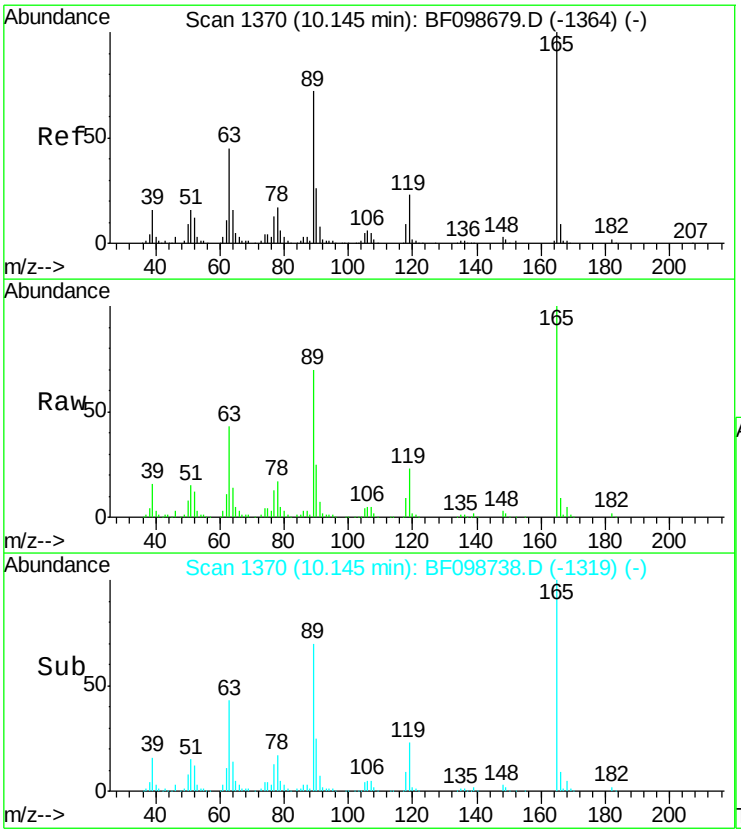
#55
4-Nitrophenol
Concen: 39.57 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 216577

Ion	Ratio	Lower	Upper
139	100		
109	66.0	48.4	88.4
65	92.0	72.6	112.6

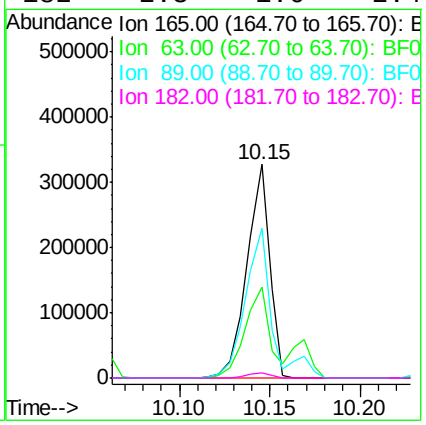


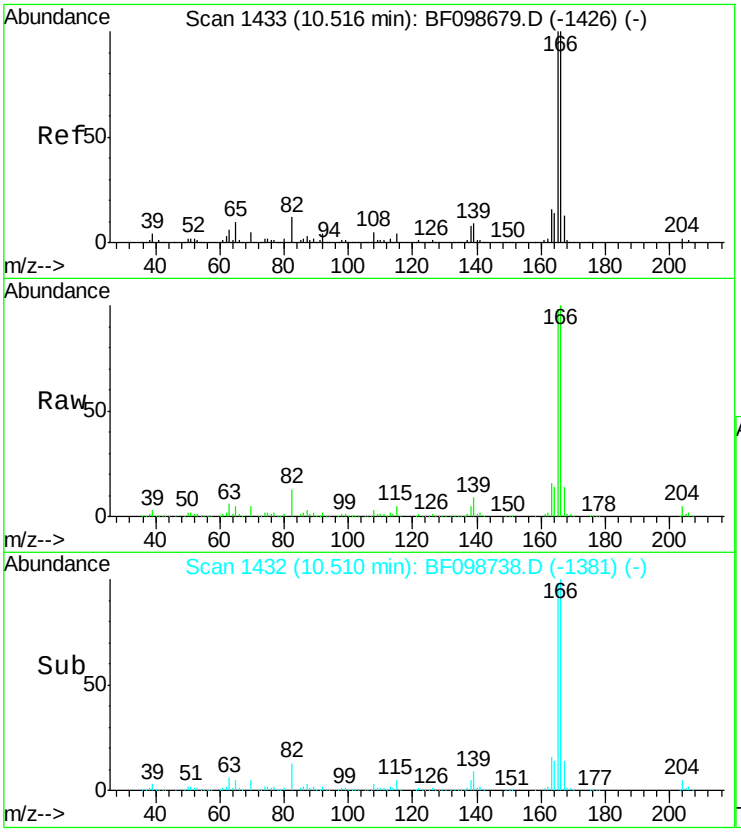


#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:165 Resp: 287813

Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.4	54.6
89	70.3	57.8	86.6
182	2.3	1.6	2.4



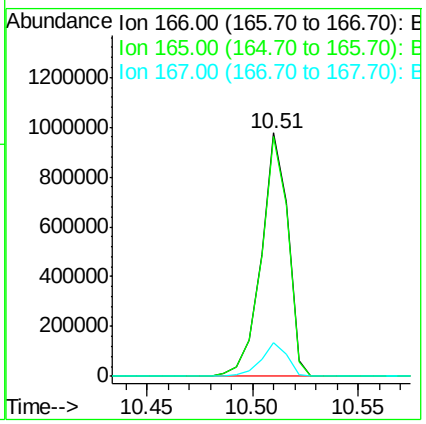


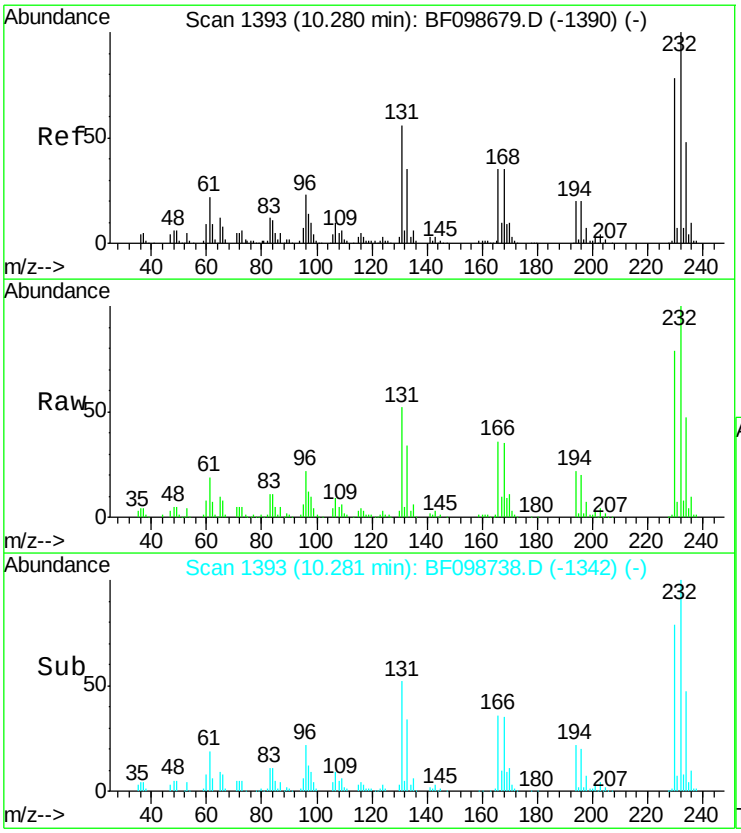
#57
Fluorene
Concen: 37.87 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 856676

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.6	10.6	16.0

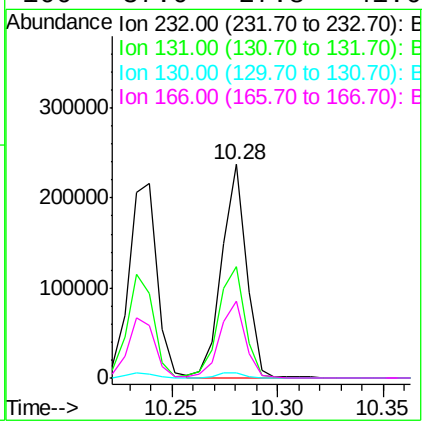


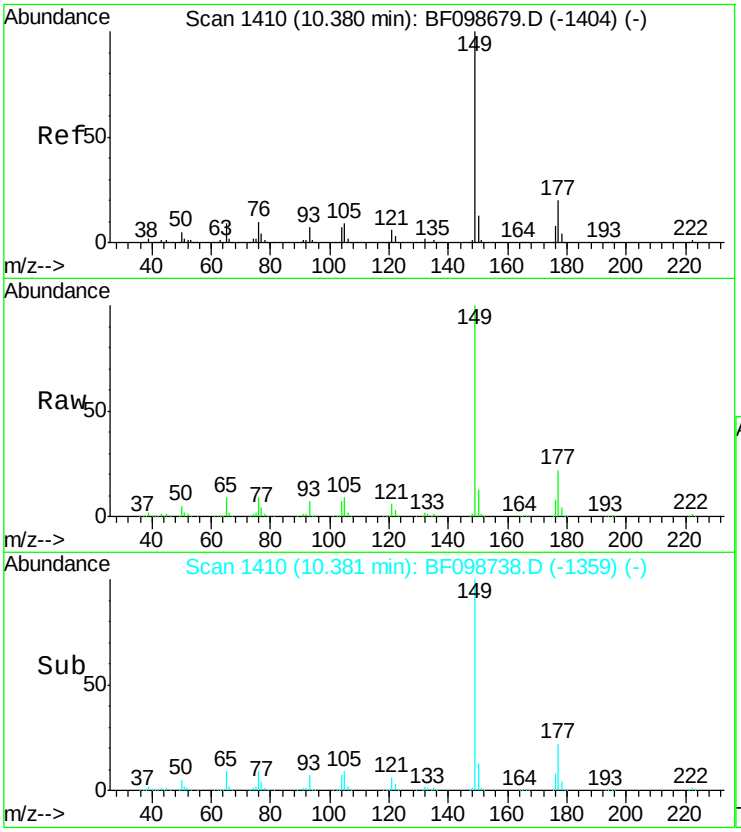


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.81 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:232 Resp: 191046

Ion	Ratio	Lower	Upper
232	100		
131	56.9	43.8	65.8
130	2.9	2.1	3.1
166	37.0	27.8	41.6



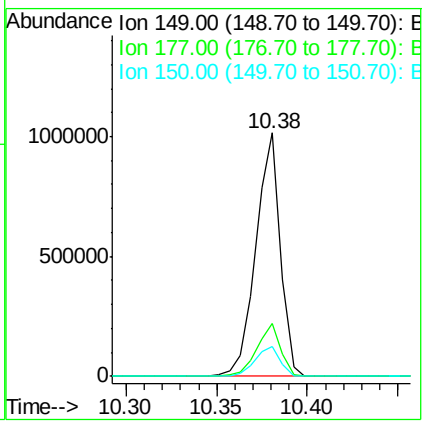


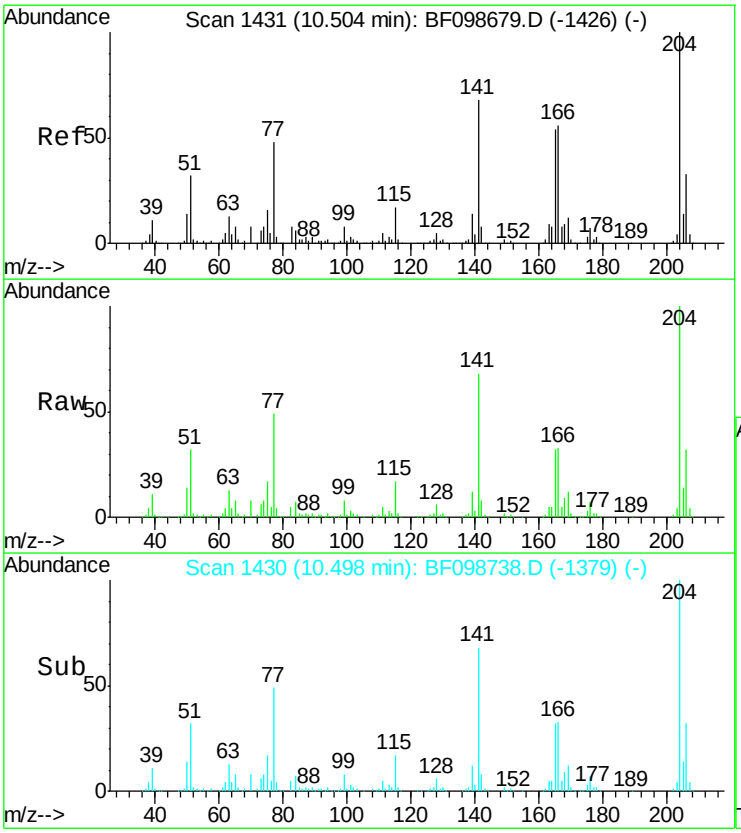
#59
Diethylphthalate
Concen: 38.15 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 950544

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.5	10.1	15.1

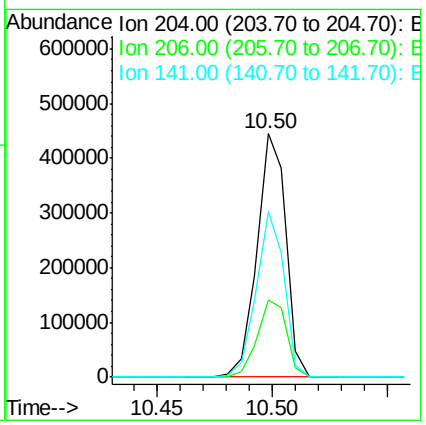


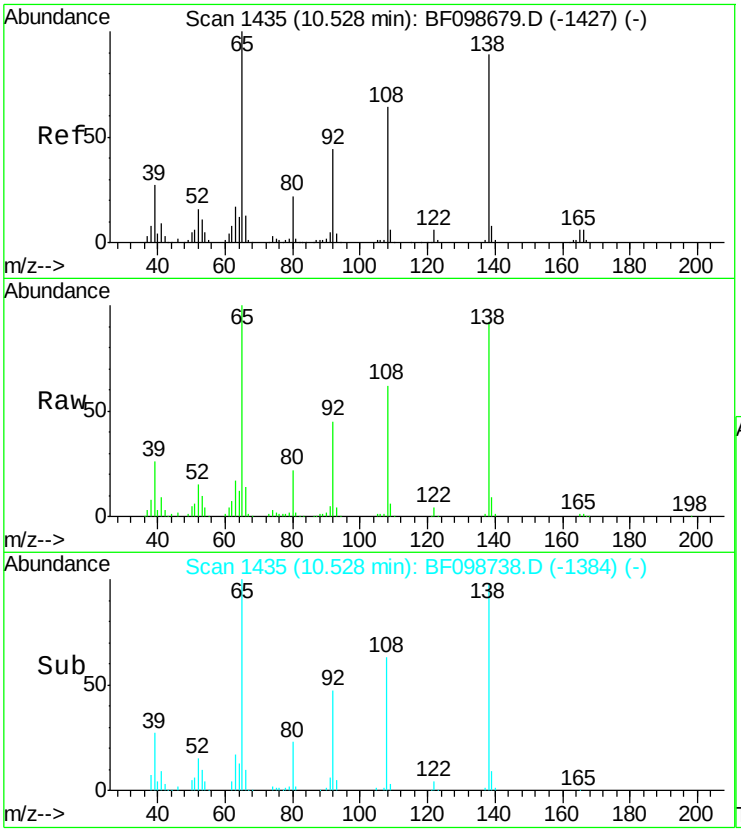


#60
4-Chlorophenyl-phenylether
Concen: 38.16 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:204 Resp: 387778

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	68.1	54.6	81.8



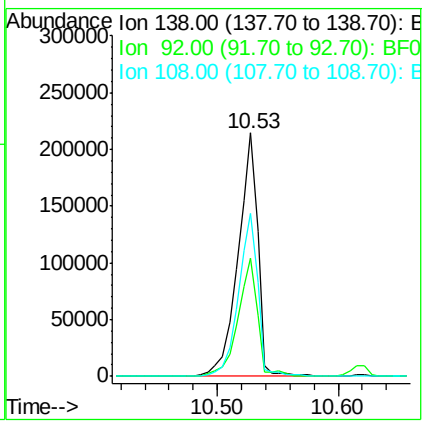


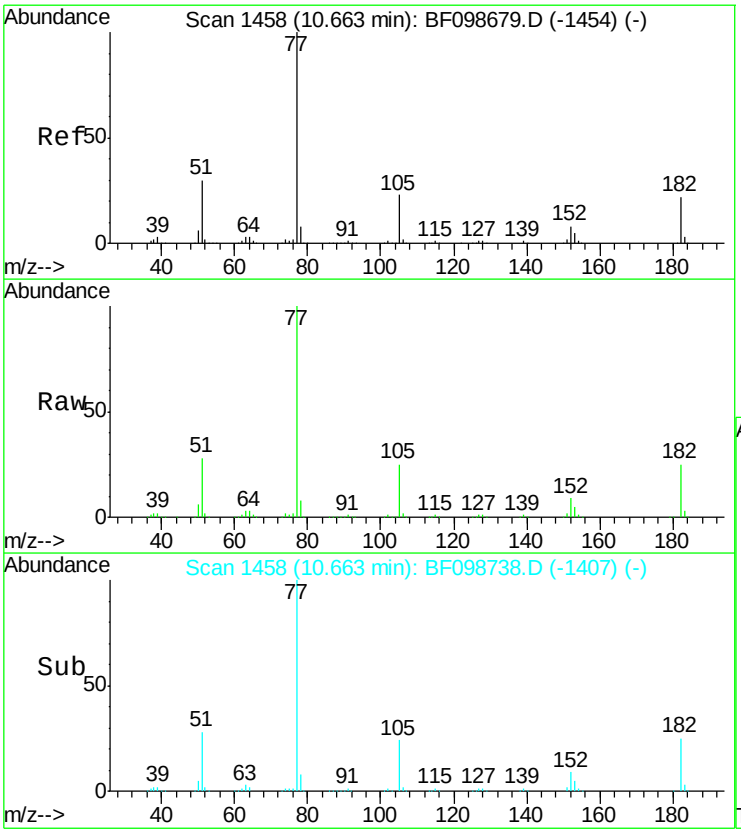
#61
4-Nitroaniline
Concen: 39.11 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 244252

Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	66.8	52.5	92.5

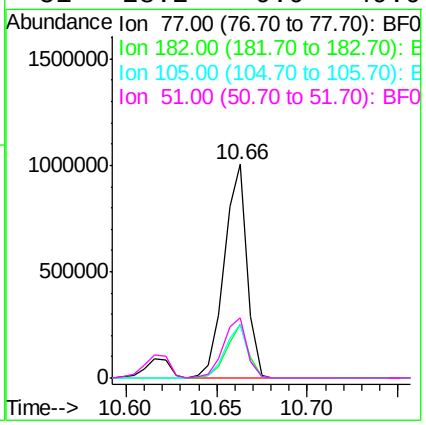


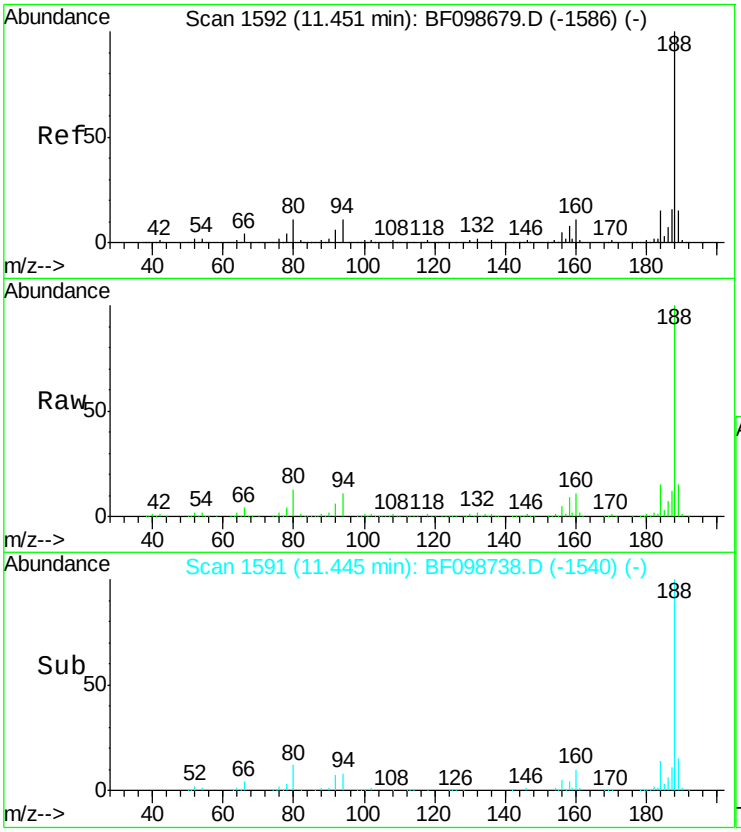


#62
Azobenzene
Concen: 38.25 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion: 77 Resp: 876301

Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	25.0	3.0	43.0
51	28.2	9.9	49.9



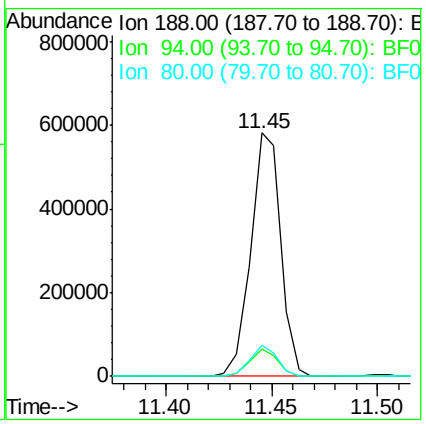


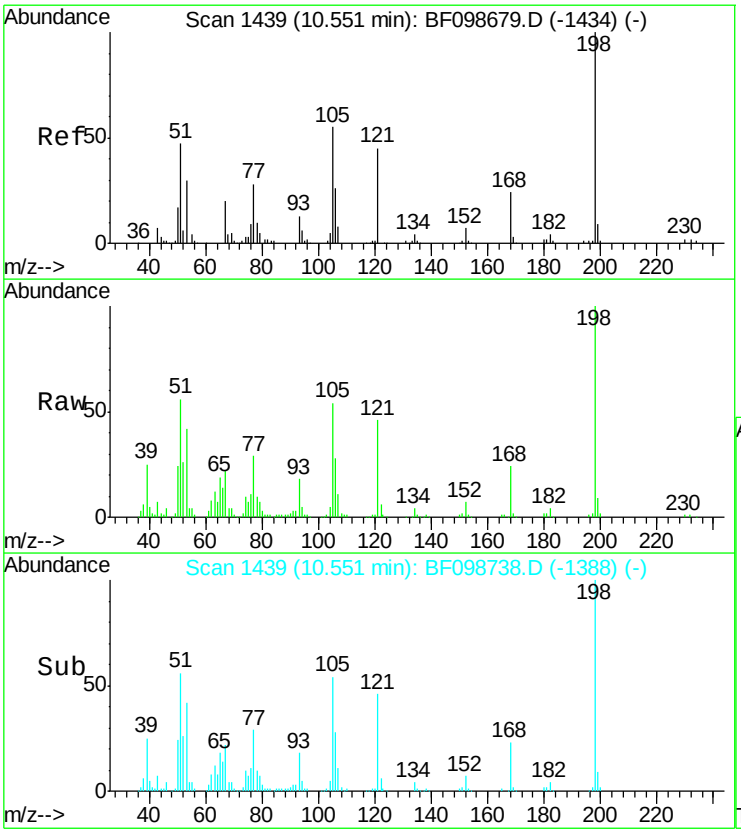
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 573931

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.6	9.2	13.8

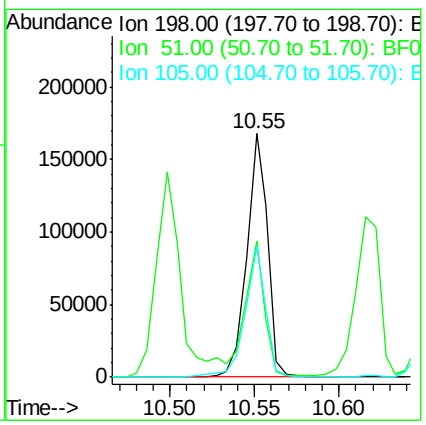


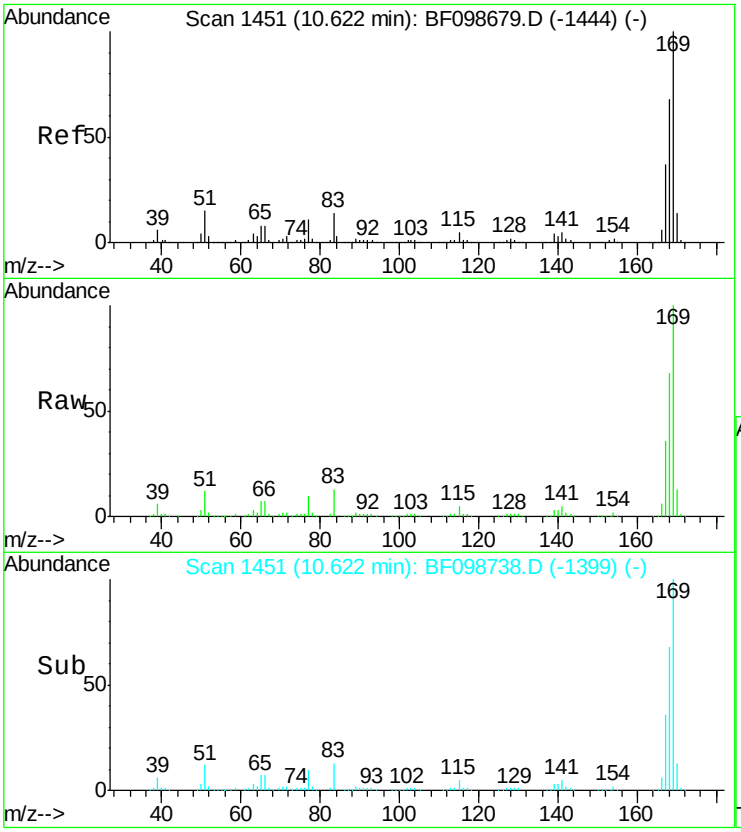


#64
4,6-Dinitro-2-methylphenol
Concen: 41.42 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:198 Resp: 144650

Ion	Ratio	Lower	Upper
198	100		
51	56.0	37.7	77.7
105	53.8	36.3	76.3



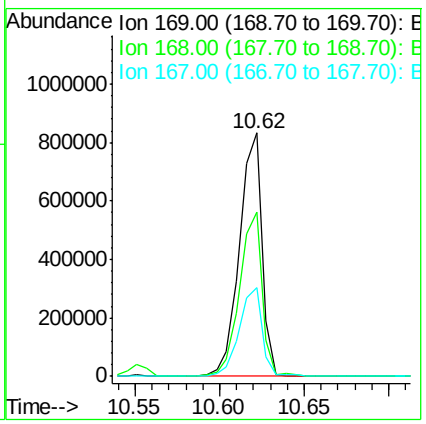


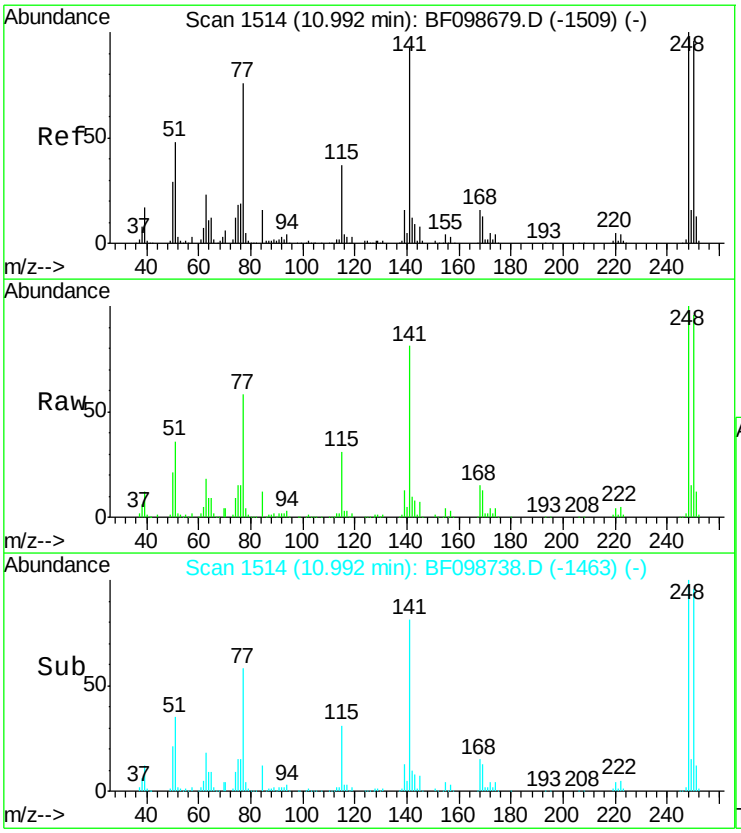
#65
n-Nitrosodiphenylamine
Concen: 39.05 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 776494

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.4	29.8	44.6

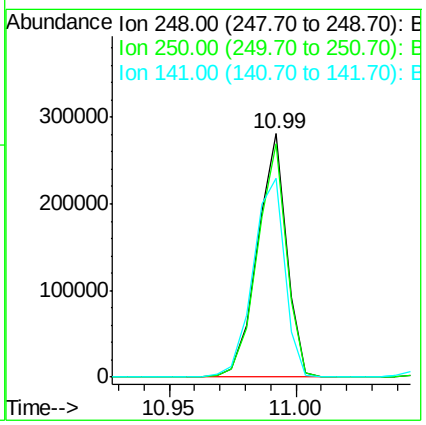


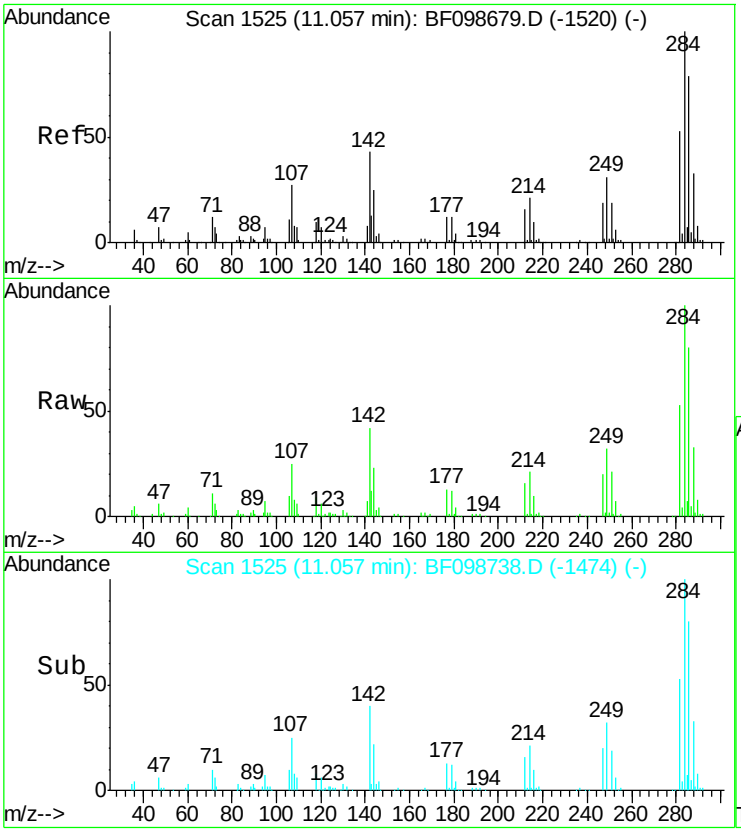


#66
4-Bromophenyl-phenylether
Concen: 40.09 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:248 Resp: 225232

Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.9	115.3
141	81.4	74.4	111.6



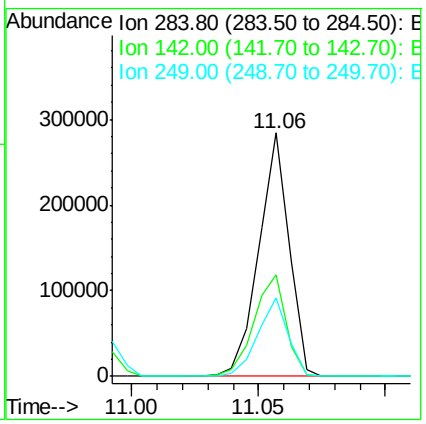


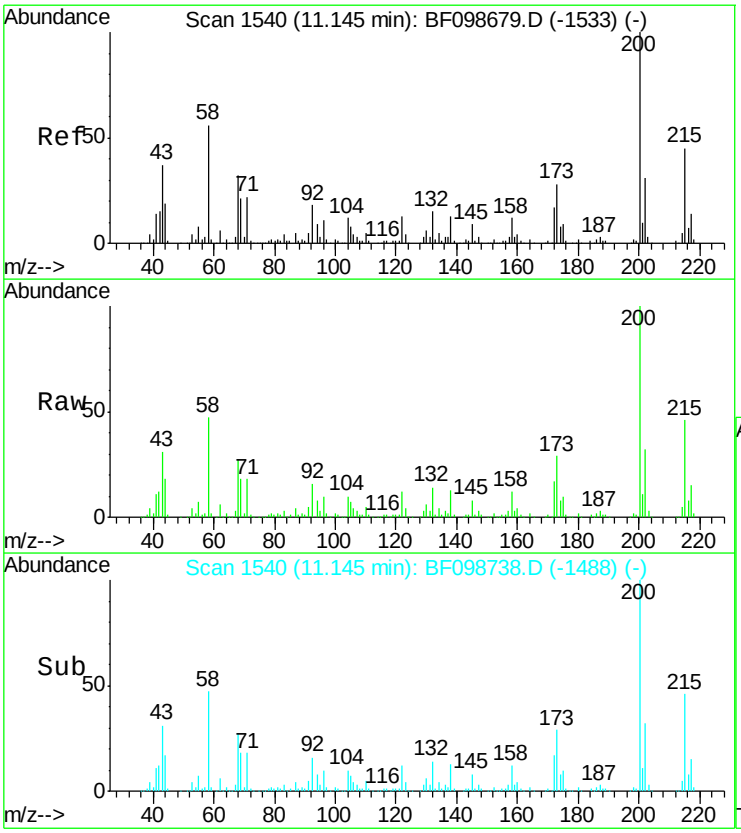
#67
Hexachlorobenzene
Concen: 39.28 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 235708

Ion	Ratio	Lower	Upper
284	100		
142	41.9	34.6	52.0
249	32.2	24.8	37.2

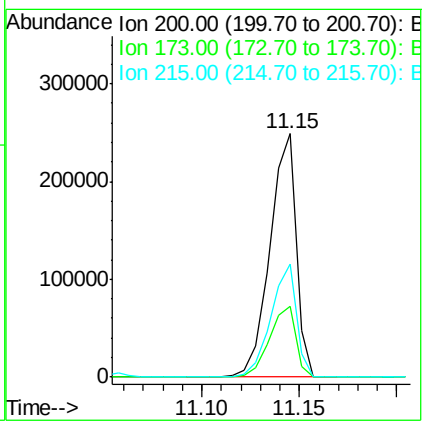


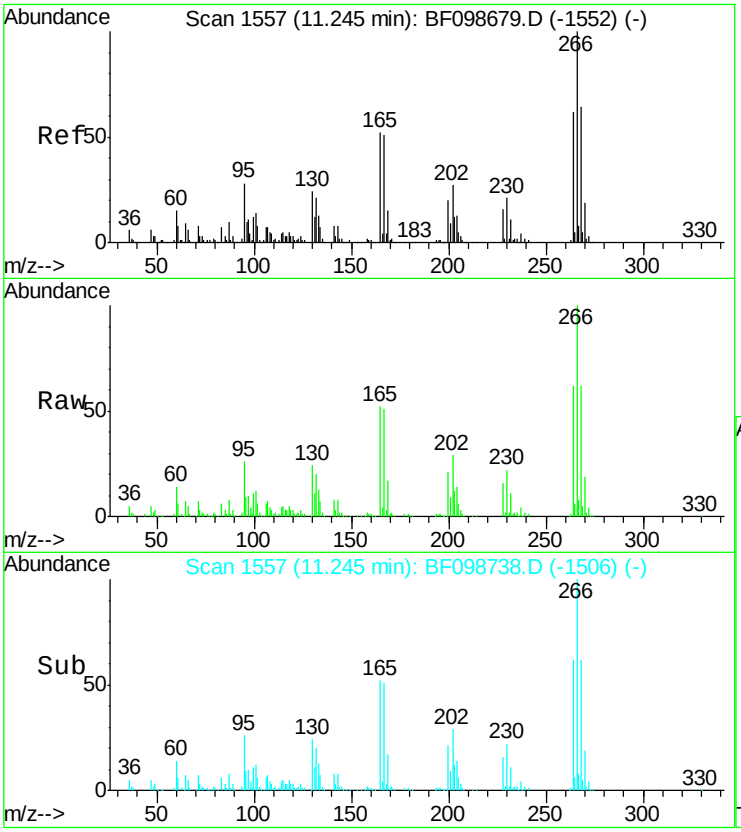


#68
Atrazine
Concen: 38.81 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:200 Resp: 232194

Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.6	48.6
215	46.2	25.1	65.1



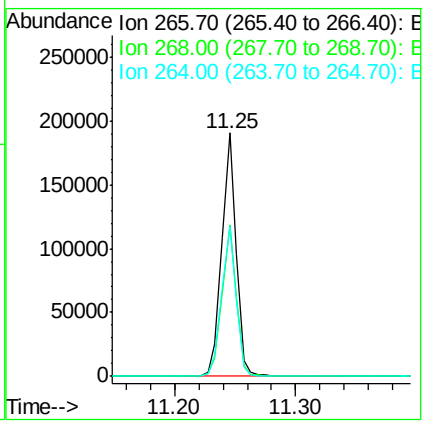


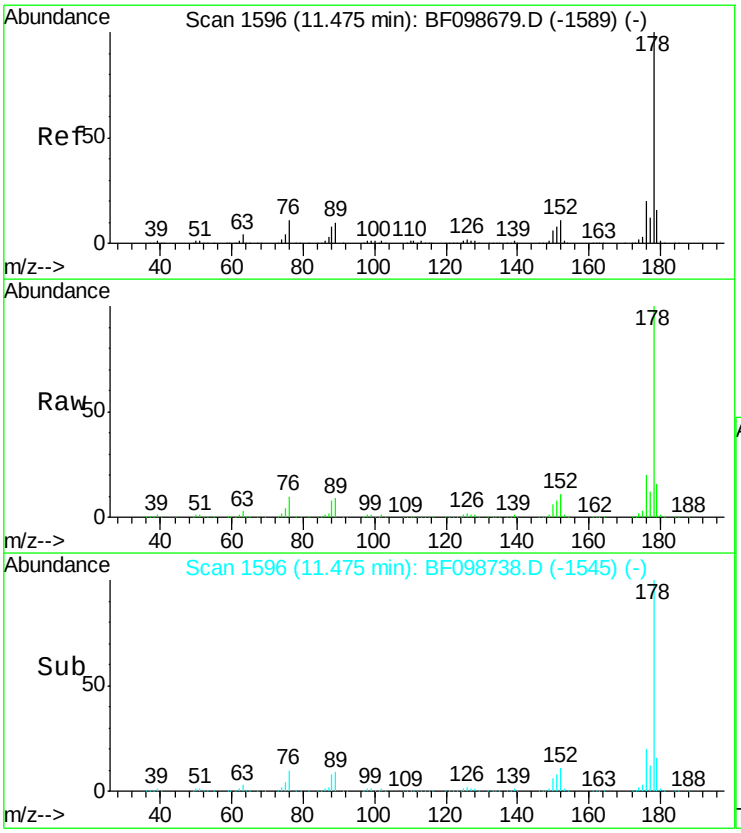
#69
Pentachlorophenol
Concen: 42.11 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 157246

Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	61.8	49.5	74.3

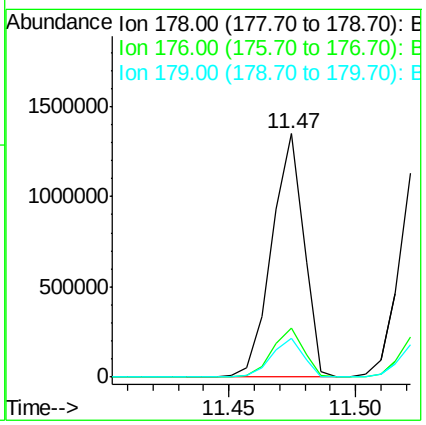


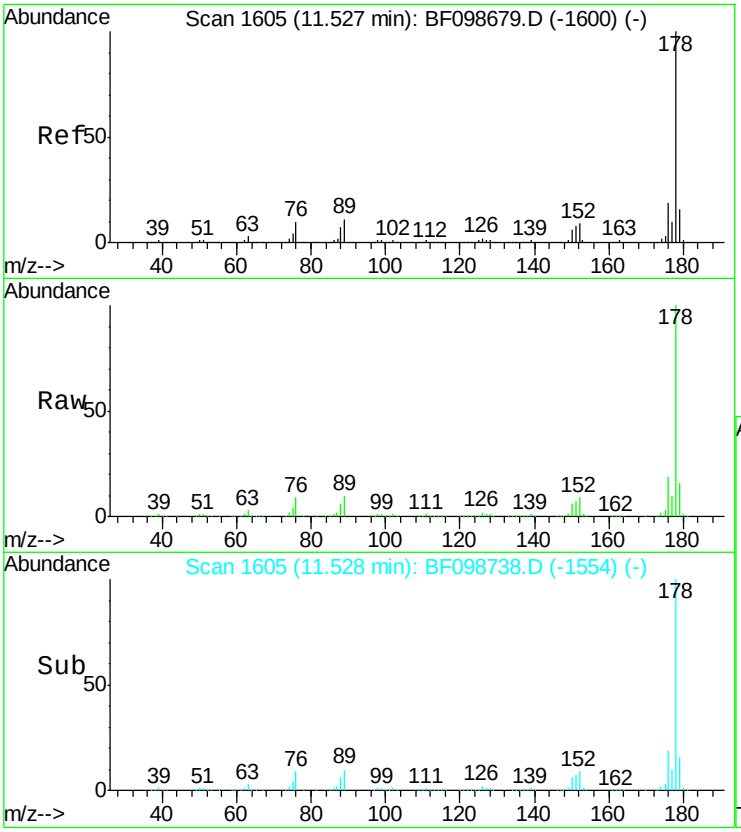


#70
Phenanthrene
Concen: 38.40 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:178 Resp: 1179667

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.8	13.0	19.6



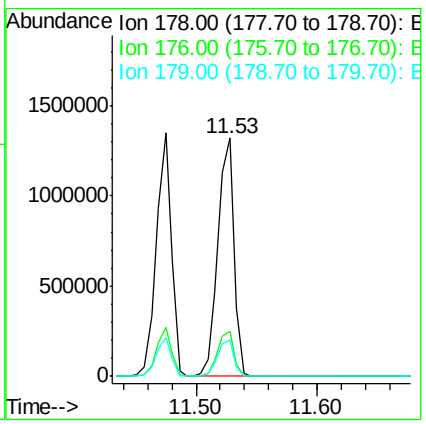


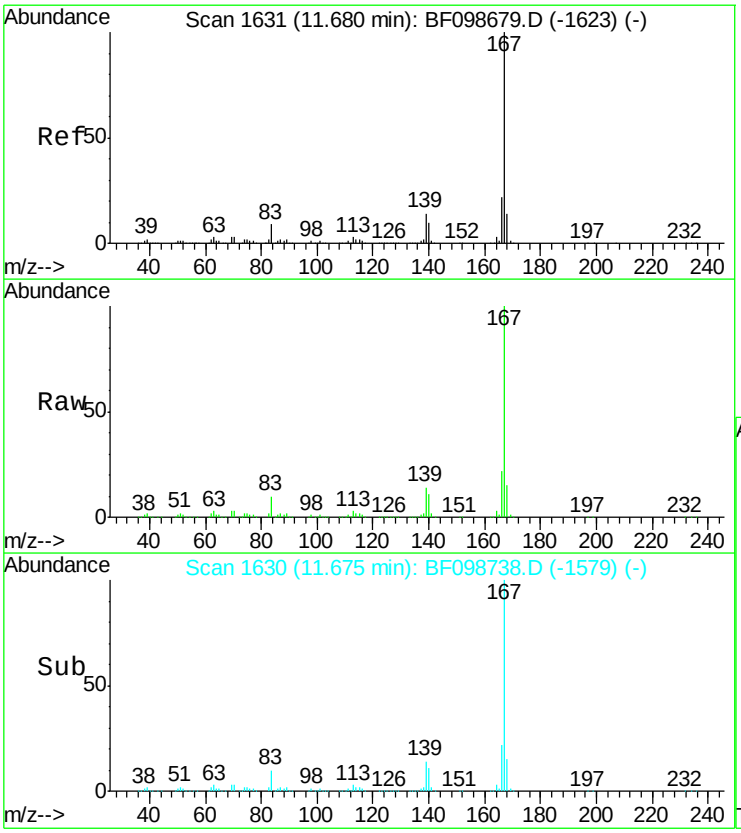
#71
Anthracene
Concen: 38.49 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1209897

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.6	19.0

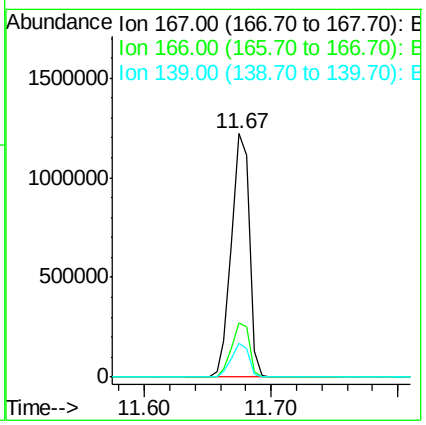


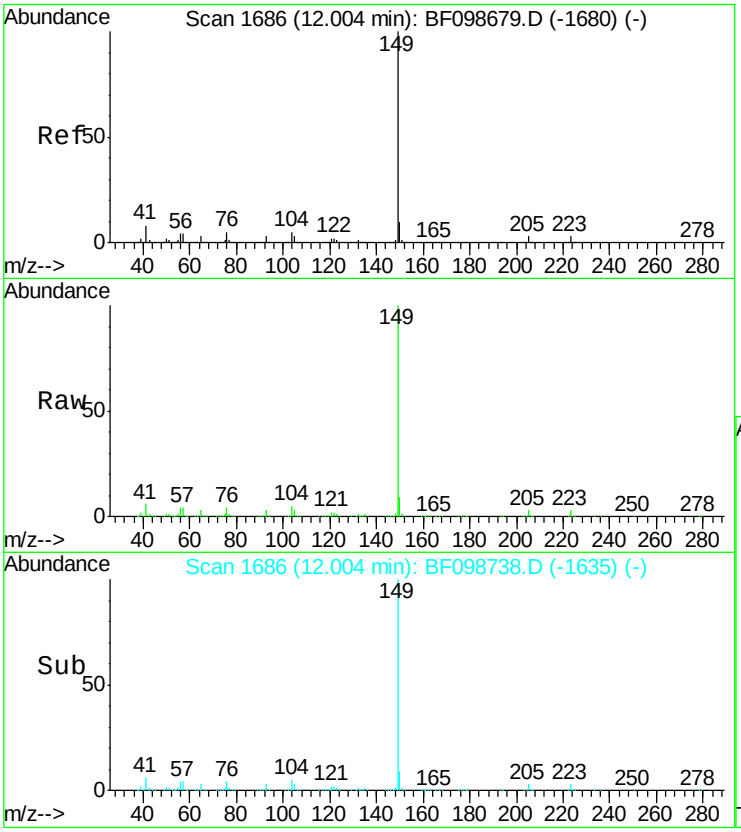


#72
Carbazole
Concen: 38.51 ng
RT: 11.67 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:167 Resp: 1185477

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.8	10.9	16.3



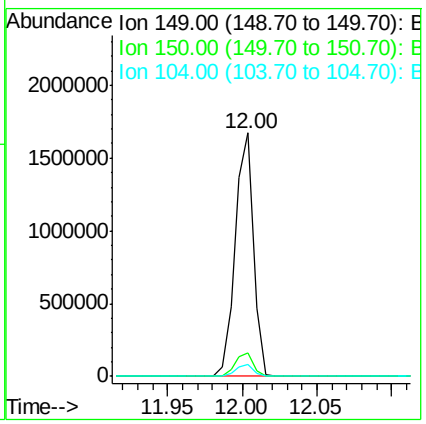


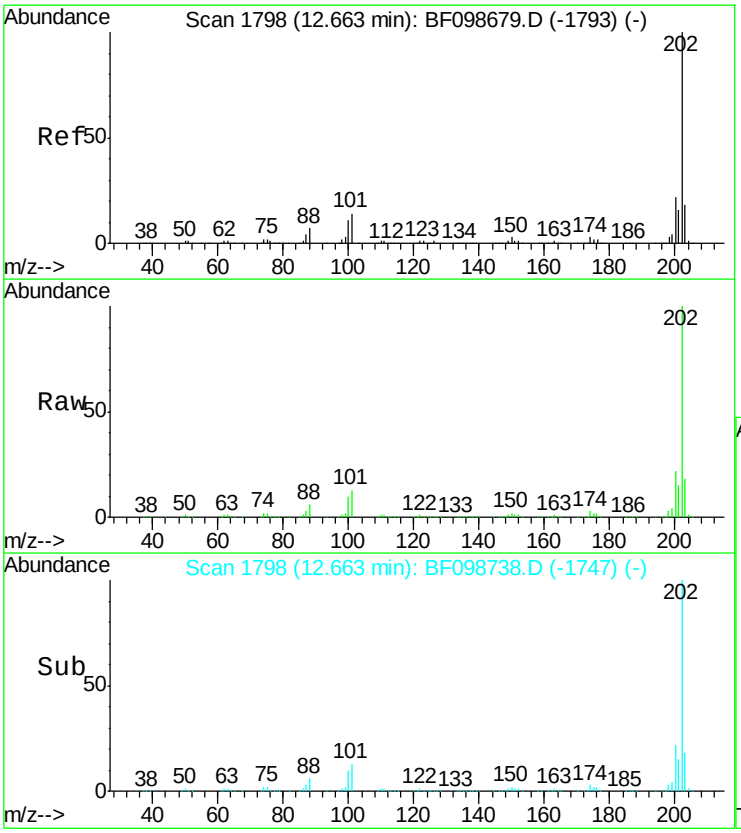
#73
Di-n-butylphthalate
Concen: 38.90 ng
RT: 12.00 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1441468

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

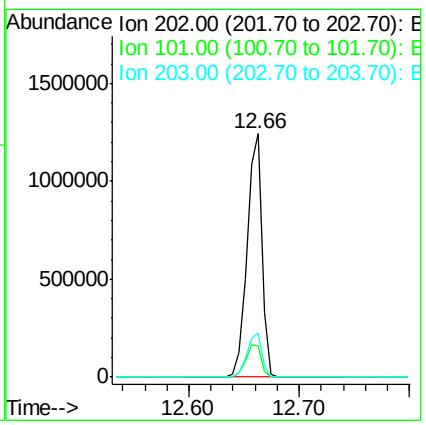


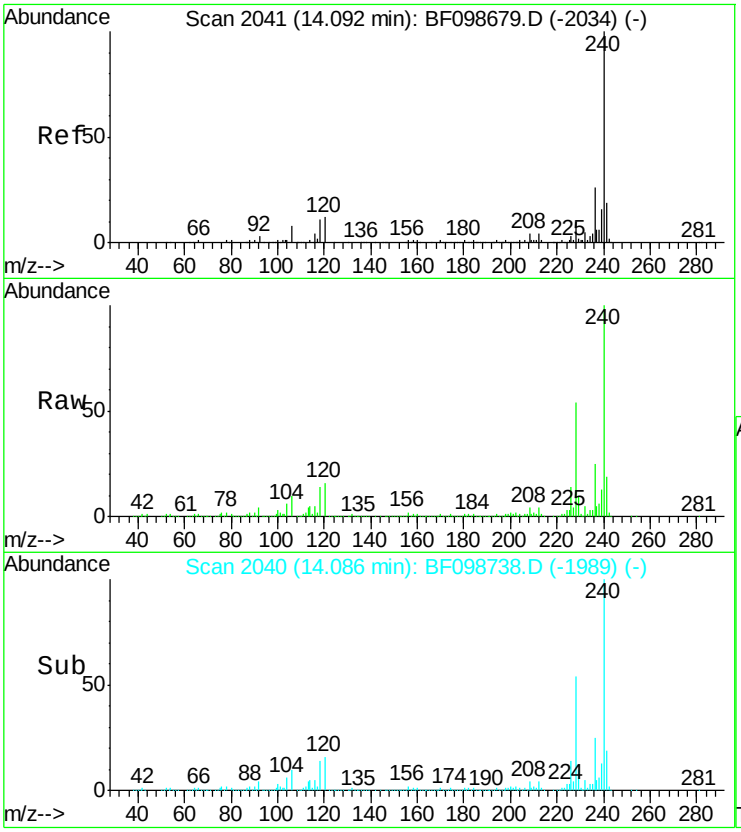


#74
Fluoranthene
Concen: 37.77 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:202 Resp: 1174885

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.9	0.0	38.1



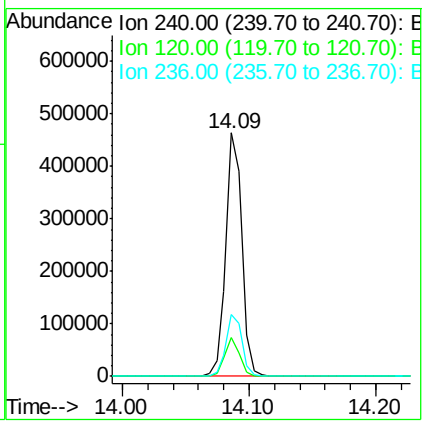


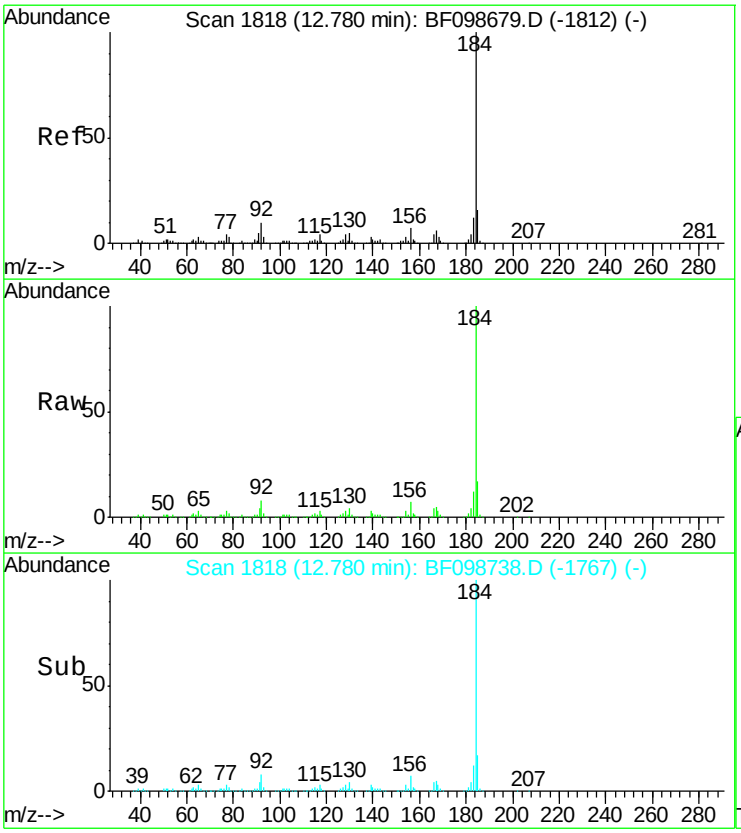
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 406131

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.3	20.7	31.1

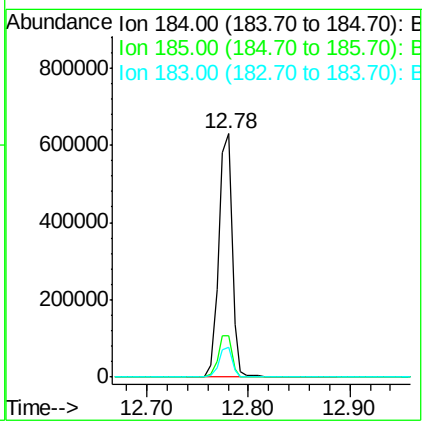


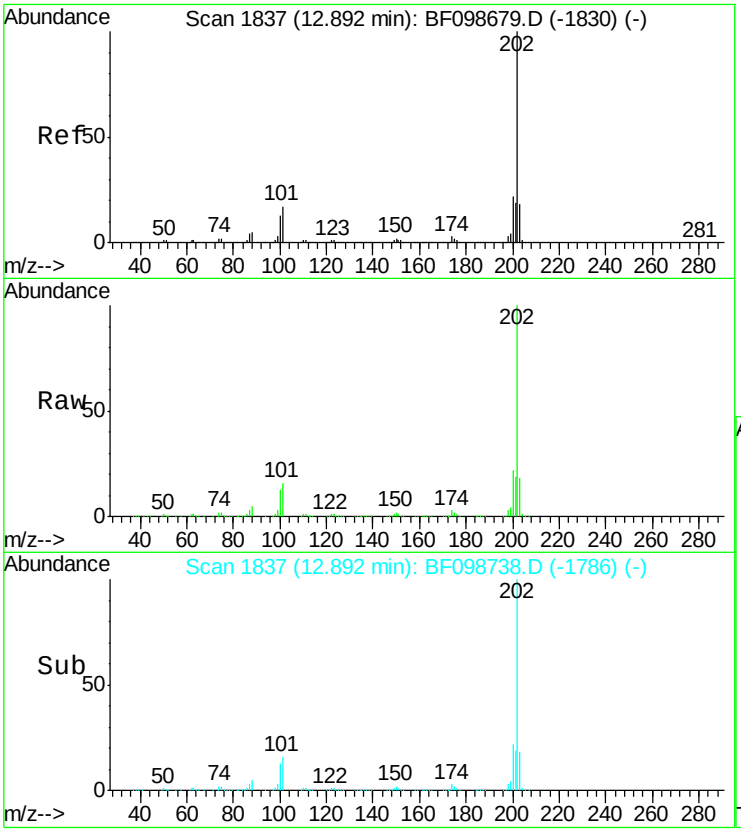


#76
Benzidine
Concen: 38.75 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:184 Resp: 582075

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.6	18.8
183	12.1	9.3	13.9



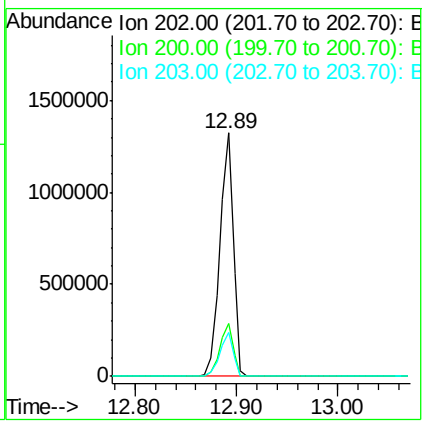


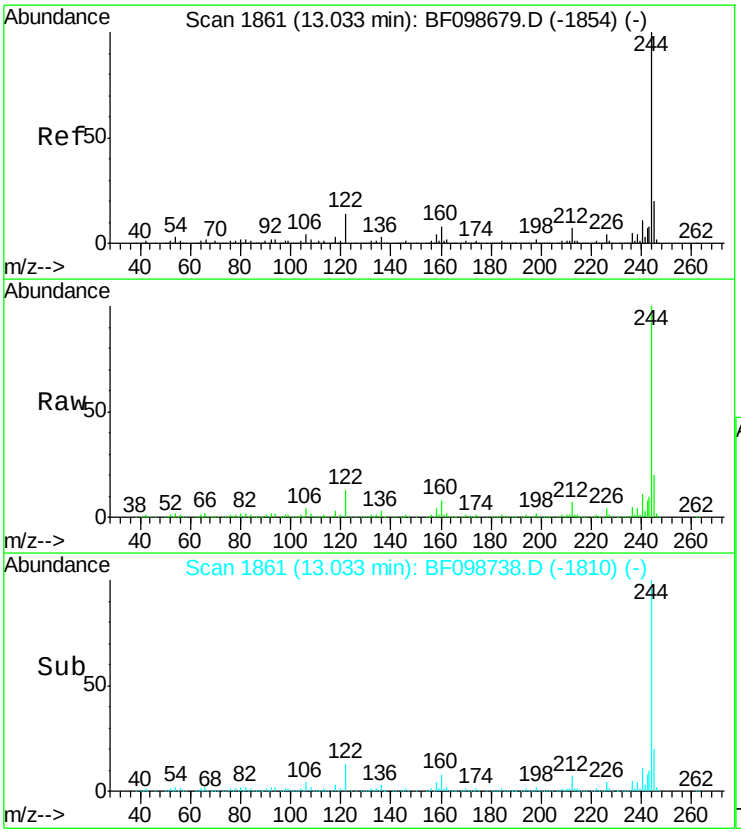
#77
Pyrene
Concen: 39.32 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1217593

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

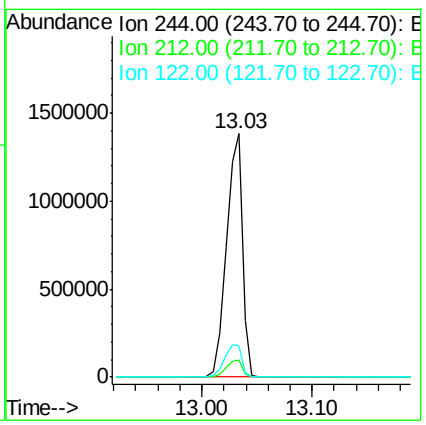


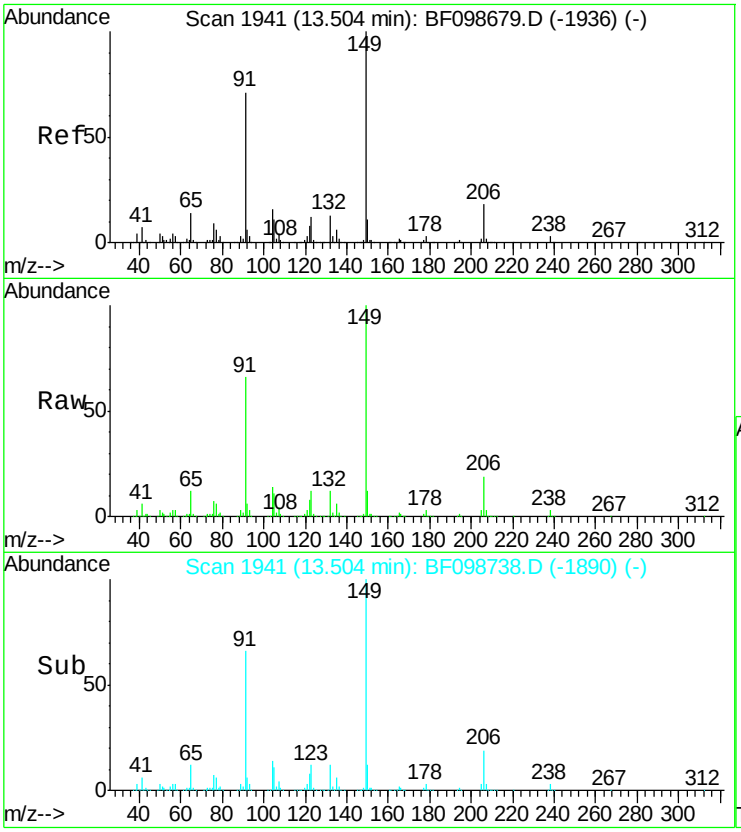


#78
Terphenyl-d14
Concen: 78.59 ng
RT: 13.03 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:244 Resp: 1403418

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4



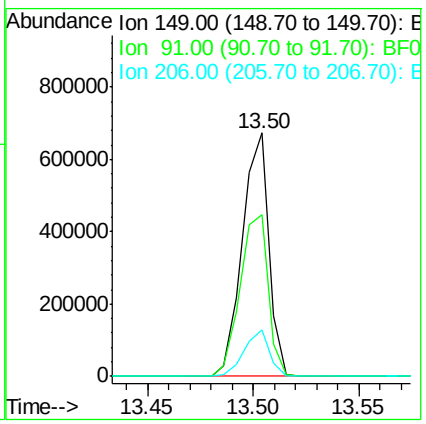


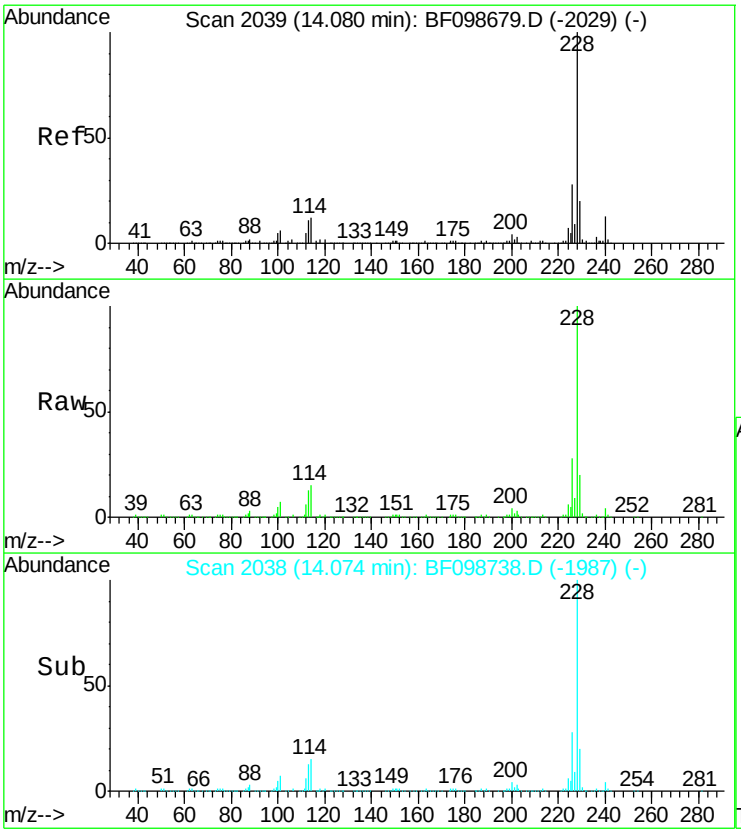
#79
Butylbenzylphthalate
Concen: 40.38 ng
RT: 13.50 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 587740

Ion	Ratio	Lower	Upper
149	100		
91	66.2	56.8	85.2
206	19.3	14.1	21.1

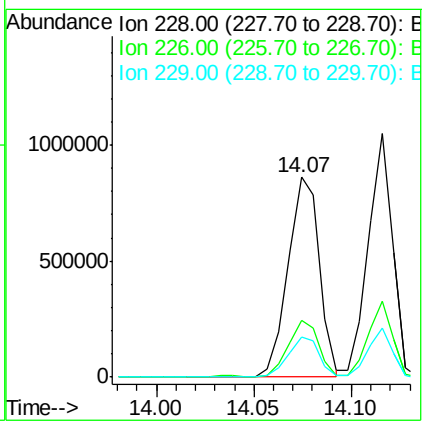


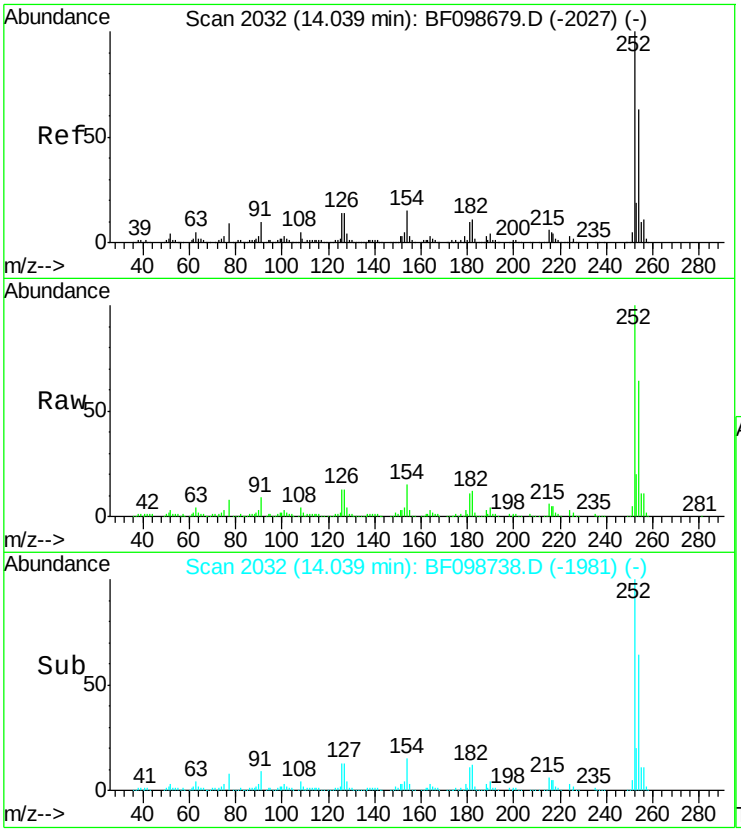


#80
Benzo(a)anthracene
Concen: 38.85 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:228 Resp: 955404

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6



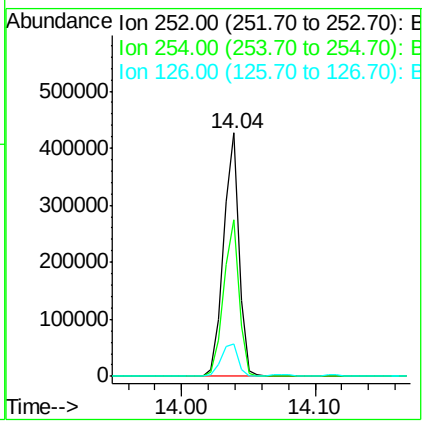


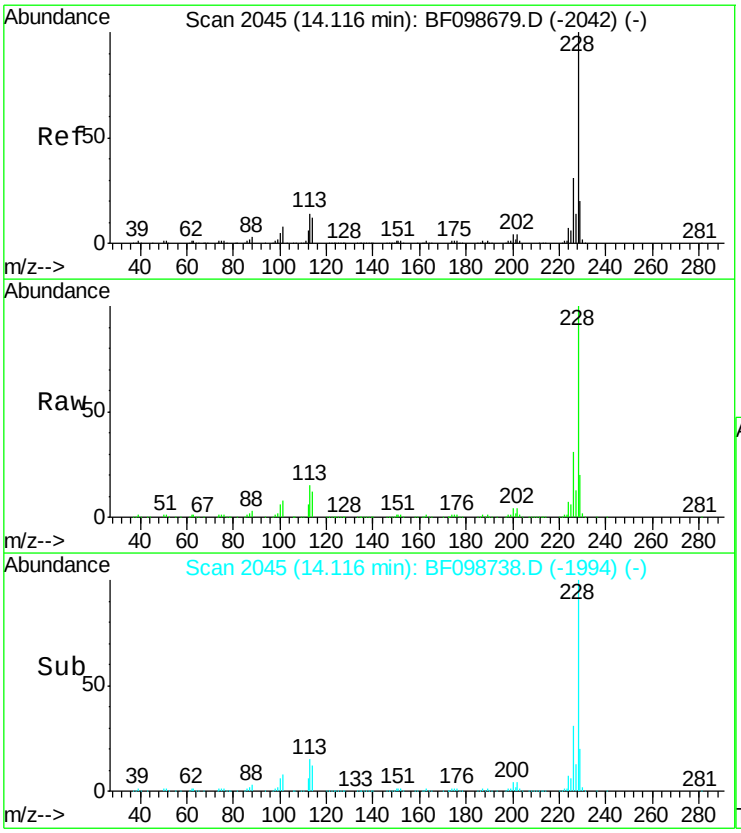
#81
3,3'-Dichlorobenzidine
Concen: 38.94 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 351059

Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	13.4	11.3	16.9

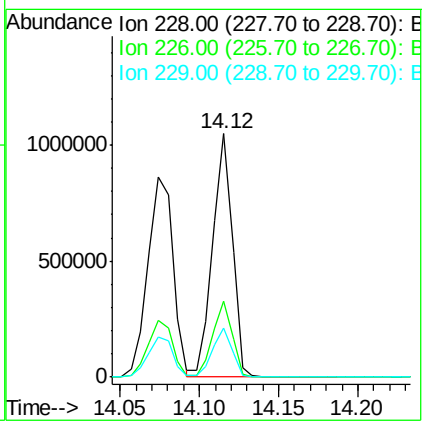


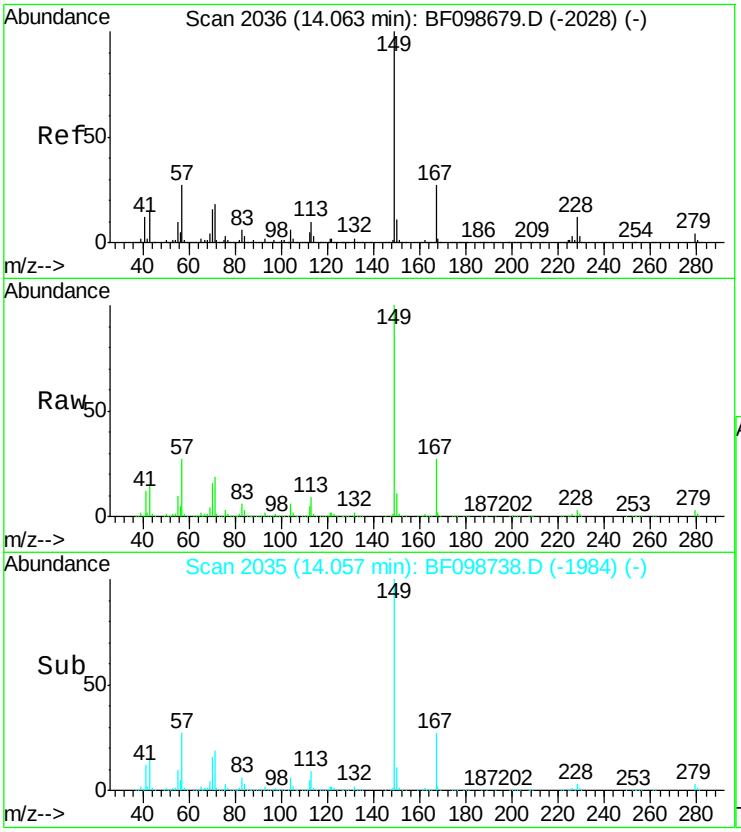


#82
Chrysene
Concen: 39.00 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:228 Resp: 913104

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.9	16.2	24.4



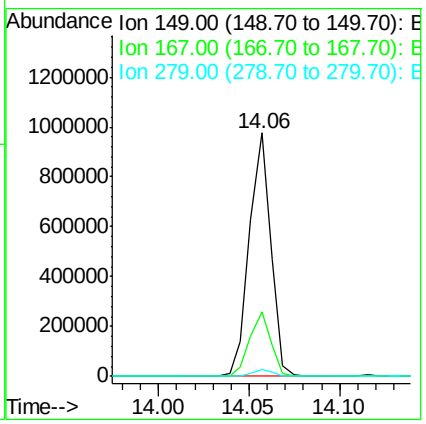


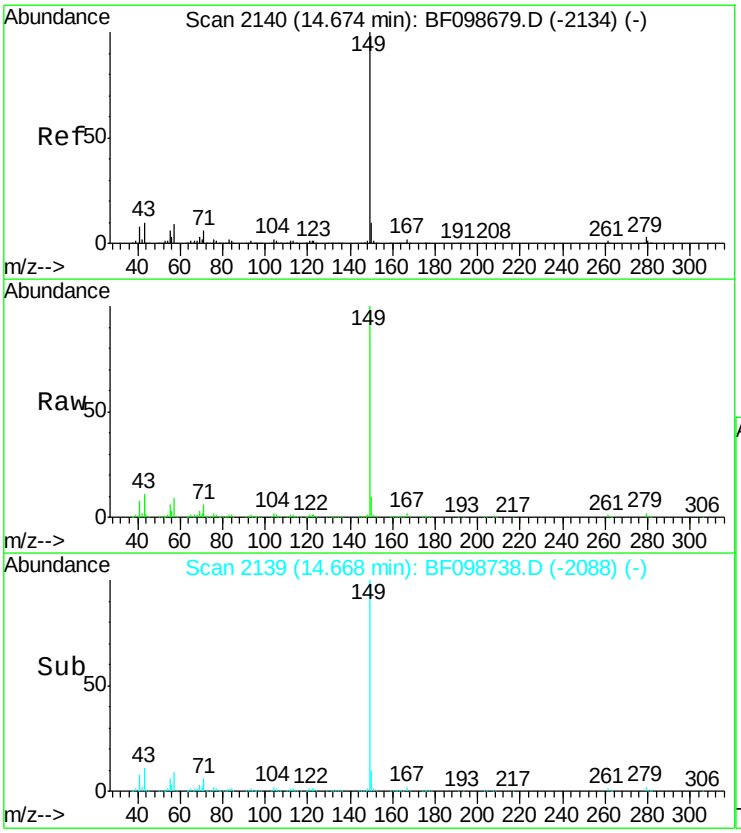
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.21 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 805798

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.8	3.0	4.4#

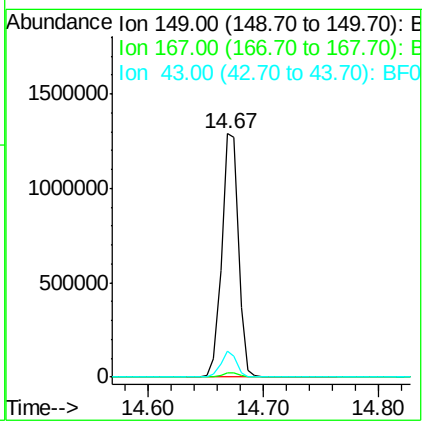


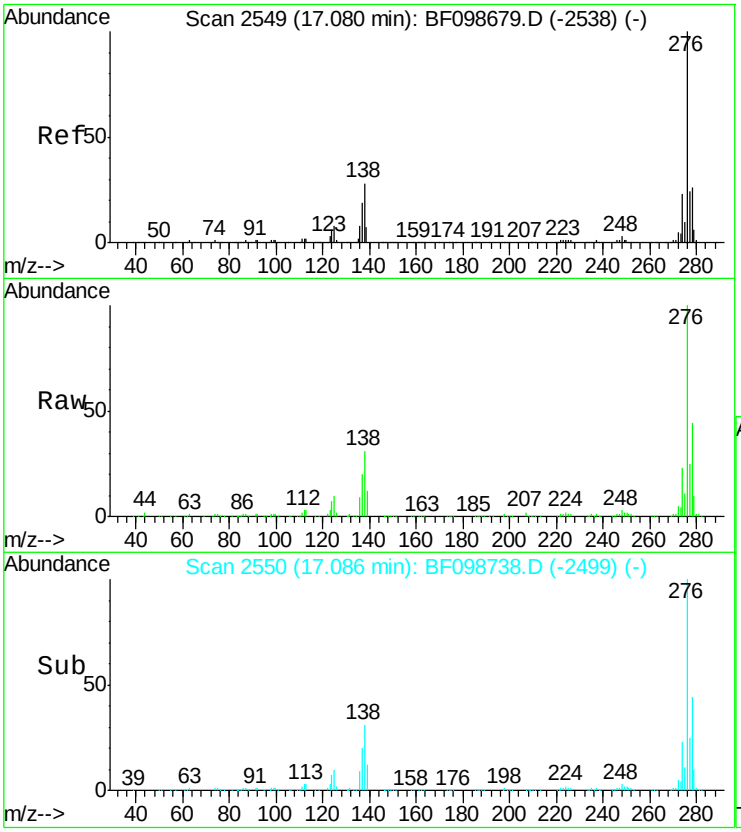


#84
Di-n-octyl phthalate
Concen: 39.95 ng
RT: 14.67 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:149 Resp: 1289207

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6



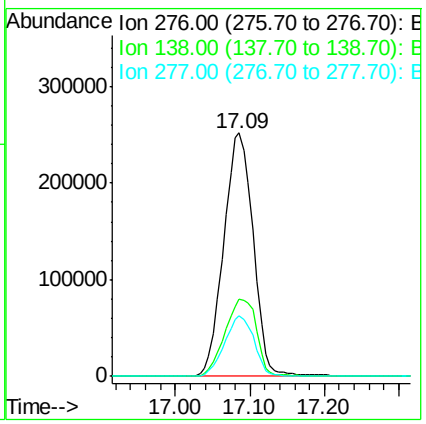


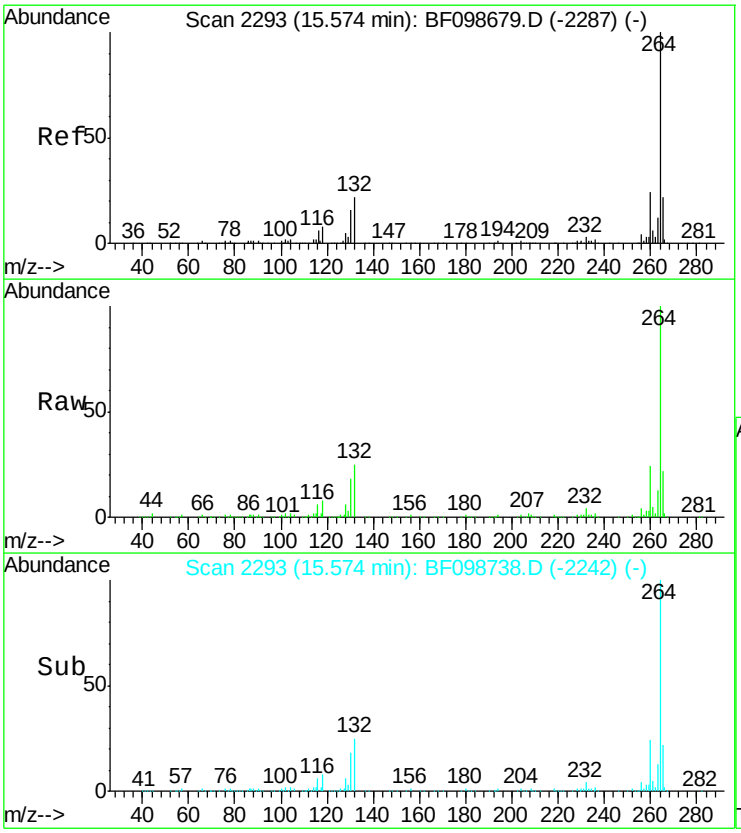
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.93 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 691696

Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.0	37.6
277	24.8	20.1	30.1

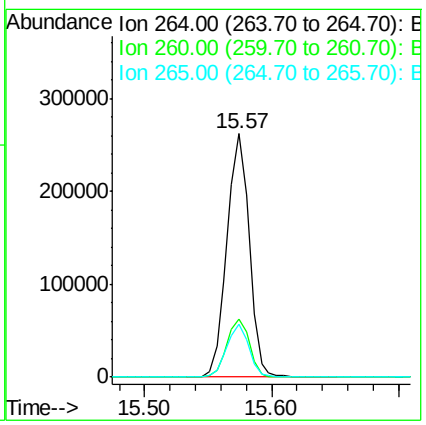


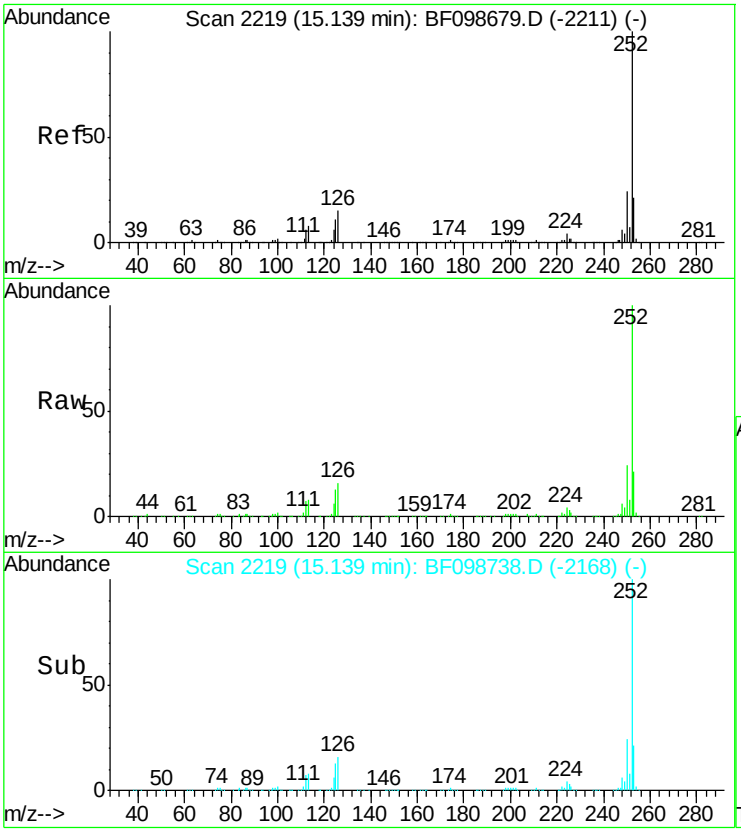


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:264 Resp: 318493

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3



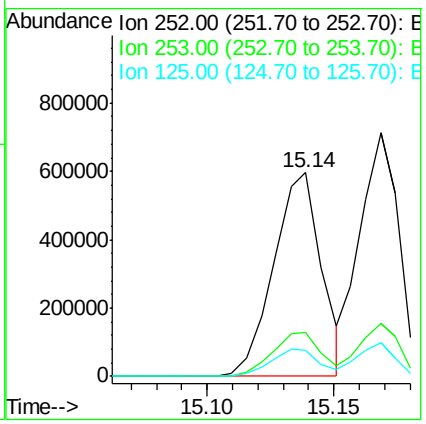


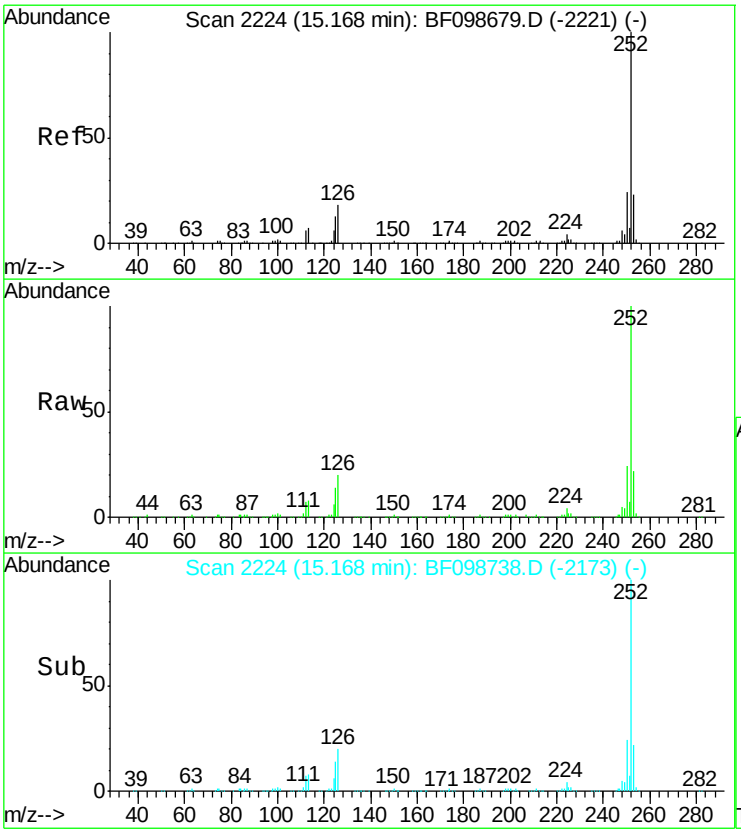
#87
Benzo(b)fluoranthene
Concen: 40.06 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 784389

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.6	9.0	13.6

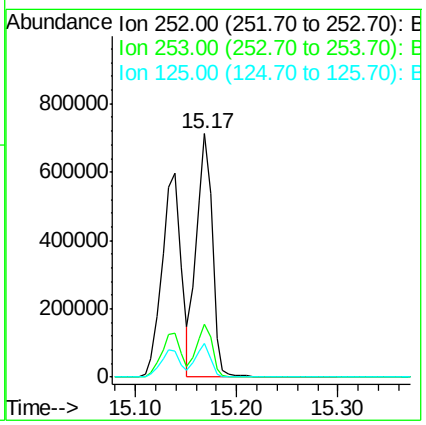


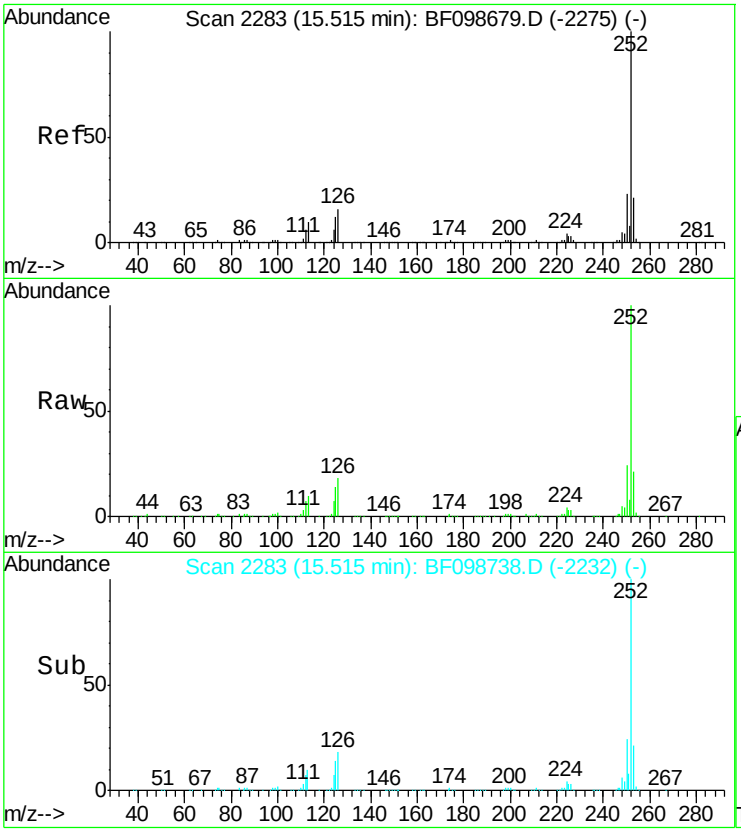


#88
Benzo(k)fluoranthene
Concen: 40.24 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:252 Resp: 778387

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	13.8	10.2	15.2



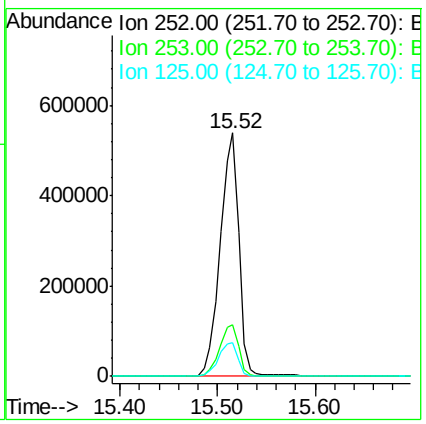


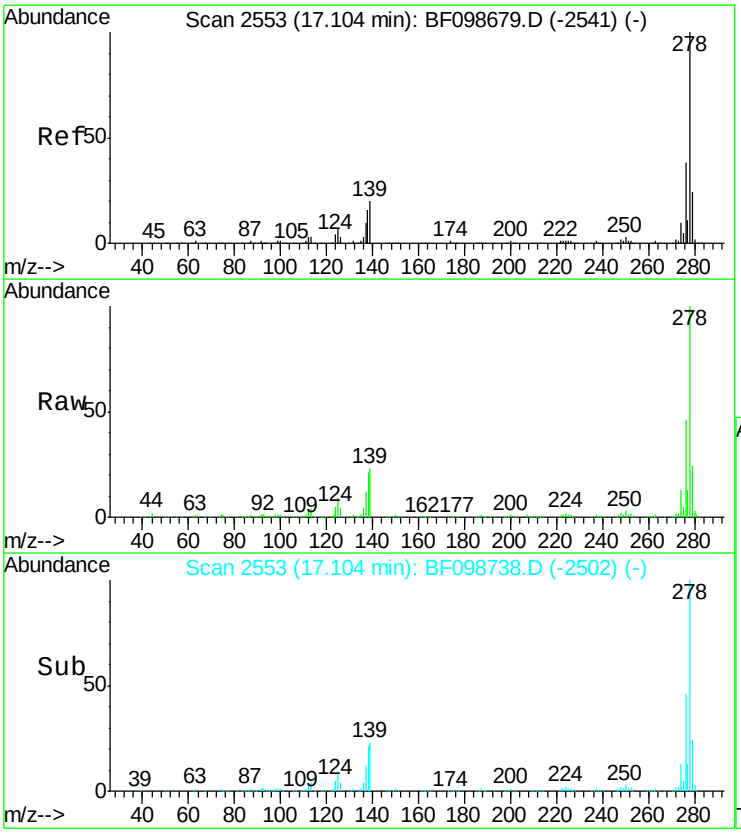
#89
Benzo(a)pyrene
Concen: 39.81 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 715588

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	13.9	9.8	14.6

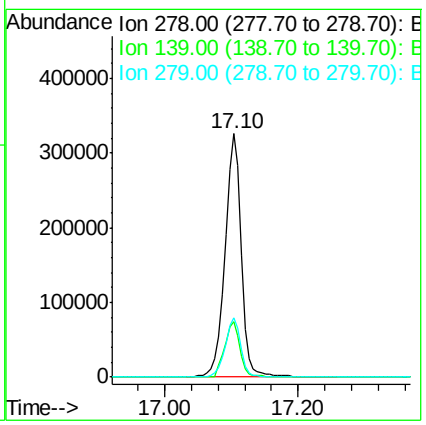


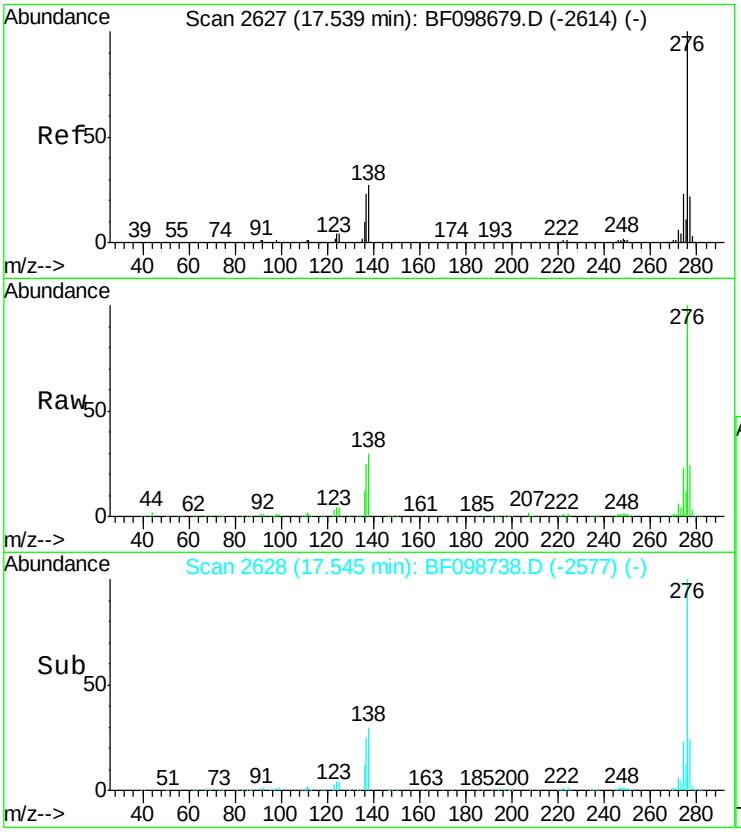


#90
Dibenzo(a,h)anthracene
Concen: 39.14 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Tgt Ion:278 Resp: 563067

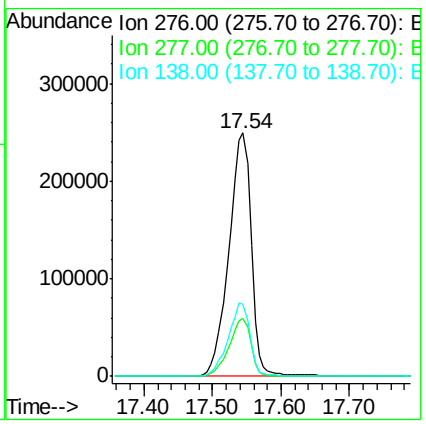
Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	24.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 39.63 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.00 min
Lab File: BF098738.D
Acq: 23 Sep 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 563552

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.6	21.8	32.8