Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 06 02:13:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	151482	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	635234	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	276562	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	441638	20.00	ng		0.00
75) Chrysene-d12	14.03	240	261417	20.00	ng		0.00
86) Perylene-d12	15.50	264	263949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	957546	100.63	ng		0.00
7) Phenol-d6	6.50	99	1202806	102.46	ng		0.00
23) Nitrobenzene-d5	7.43	82	753767	76.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	204005	90.15	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1227504	74.10	ng		0.00
78) Terphenyl-d14	12.97	244	816712	71.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	122	0.03	ng	#	20
6) Aniline	6.53	93	363	0.02	ng	#	35
8) 2-Chlorophenol	6.65	128	116	0.01	ng	#	38
9) Benzaldehyde	6.42	77	2285	0.34	ng	#	1
10) Phenol	6.50	94	30590	2.33	ng		89
11) bis(2-Chloroethyl)ether	6.63	93	1384	0.14	ng	#	1
12) 1,3-Dichlorobenzene	6.88	146	270	0.02	ng	#	45
13) 1,4-Dichlorobenzene	6.88	146	270	0.02	ng	#	59
14) 1,2-Dichlorobenzene	7.03	146	147	0.01	ng	#	1
15) Benzyl Alcohol	7.02	79	12508	1.45	ng	#	38
16) 2,2'-oxybis(1-Chloropropan	7.04	45	660	0.04	ng	#	27
17) 2-Methylphenol	7.11	107	122	0.01	ng	#	1
18) Hexachloroethane	7.39	117	1366	0.33	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	101120	13.49	ng	#	75
20) 3+4-Methylphenols	7.27	107	1343	0.12	ng	#	22
22) Acetophenone	7.25	105	5687	0.37	ng	#	64
24) Nitrobenzene	7.43	77	2528	0.22	ng	#	33
25) Isophorone	7.43	82	751783	36.71	ng	#	64
27) 2,4-Dimethylphenol	7.80	122	682	0.07	ng	#	73
28) bis(2-Chloroethoxy)methane	7.89	93	246	0.02	ng	#	1
29) 2,4-Dichlorophenol	8.09	162	115	0.01	ng	#	26
31) Naphthalene	8.17	128	144142	4.83	ng		99
32) Benzoic acid	7.93	122	644	0.08	ng	#	30
33) 4-Chloroaniline	8.17	127	18503	1.49	ng	#	40
35) Caprolactam	8.56	113	1247	0.44	ng	#	68
36) 4-Chloro-3-methylphenol	8.69	107	1641	0.17	ng	#	20
37) 2-Methylnaphthalene	8.86	142	71921	3.71	ng		99
45) 1,1'-Biphenyl	9.32	154	19336	0.81	ng		98
46) 2-Chloronaphthalene	9.39	162	335	0.02	ng	#	37
47) 2-Nitroaniline	9.44	65	424	0.08	ng	#	4
48) Acenaphthylene	9.76	152	67855	2.48	ng		99
49) Dimethylphthalate	9.61	163	213306	10.22	ng		100
50) 2,6-Dinitrotoluene	9.61	165	3572	0.79	ng	#	1
51) Acenaphthene	9.93	154	23261	1.34	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 06 02:13:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	9.87	138	351	0.07	ng	#	1
53) 2,4-Dinitrophenol	10.18	184	131	5.88	ng	#	16
54) Dibenzofuran	10.10	168	36444	1.58	ng		97
55) 4-Nitrophenol	10.00	139	1099	0.25	ng	#	5
56) 2,4-Dinitrotoluene	10.06	165	1209	0.20	ng	#	33
57) Fluorene	10.45	166	29281	1.58	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	137	0.03	ng	#	1
59) Diethylphthalate	10.31	149	1283	0.06	ng	#	45
60) 4-Chlorophenyl-phenylether	10.44	204	123	0.01	ng	#	1
61) 4-Nitroaniline	10.35	138	941	0.18	ng		91
62) Azobenzene	10.60	77	1813	0.10	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.69	198	558	0.21	ng	#	1
65) n-Nitrosodiphenylamine	10.56	169	3065	0.20	ng	#	89
66) 4-Bromophenyl-phenylether	10.69	248	13962	3.23	ng	#	1
70) Phenanthrene	11.41	178	422952	17.89	ng		99
71) Anthracene	11.46	178	109392	4.52	ng		98
72) Carbazole	11.62	167	49965	2.11	ng		99
73) Di-n-butylphthalate	11.94	149	9461	0.33	ng	#	87
74) Fluoranthene	12.60	202	630042	26.32	ng		99
76) Benzidine	12.69	184	695	0.07	ng	#	1
77) Pyrene	12.83	202	569151	28.55	ng		99
79) Butylbenzylphthalate	13.44	149	890	0.09	ng	#	67
80) Benzo(a)anthracene	14.02	228	271710	17.16	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	113	0.02	ng	#	1
82) Chrysene	14.05	228	255173	16.93	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	16292	1.26	ng		98
84) Di-n-octyl phthalate	14.61	149	1568	0.08	ng	#	39
85) Indeno(1,2,3-cd)pyrene	16.98	276	160925	13.35	ng		98
87) Benzo(b)fluoranthene	15.07	252	469074	28.90	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	469074	29.26	ng		97
89) Benzo(a)pyrene	15.44	252	242688	16.29	ng		95
90) Dibenzo(a,h)anthracene	16.79	278	28030	2.35	ng		92
91) Benzo(g,h,i)perylene	17.43	276	152438	12.94	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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Sample : I5604-04
Misc :
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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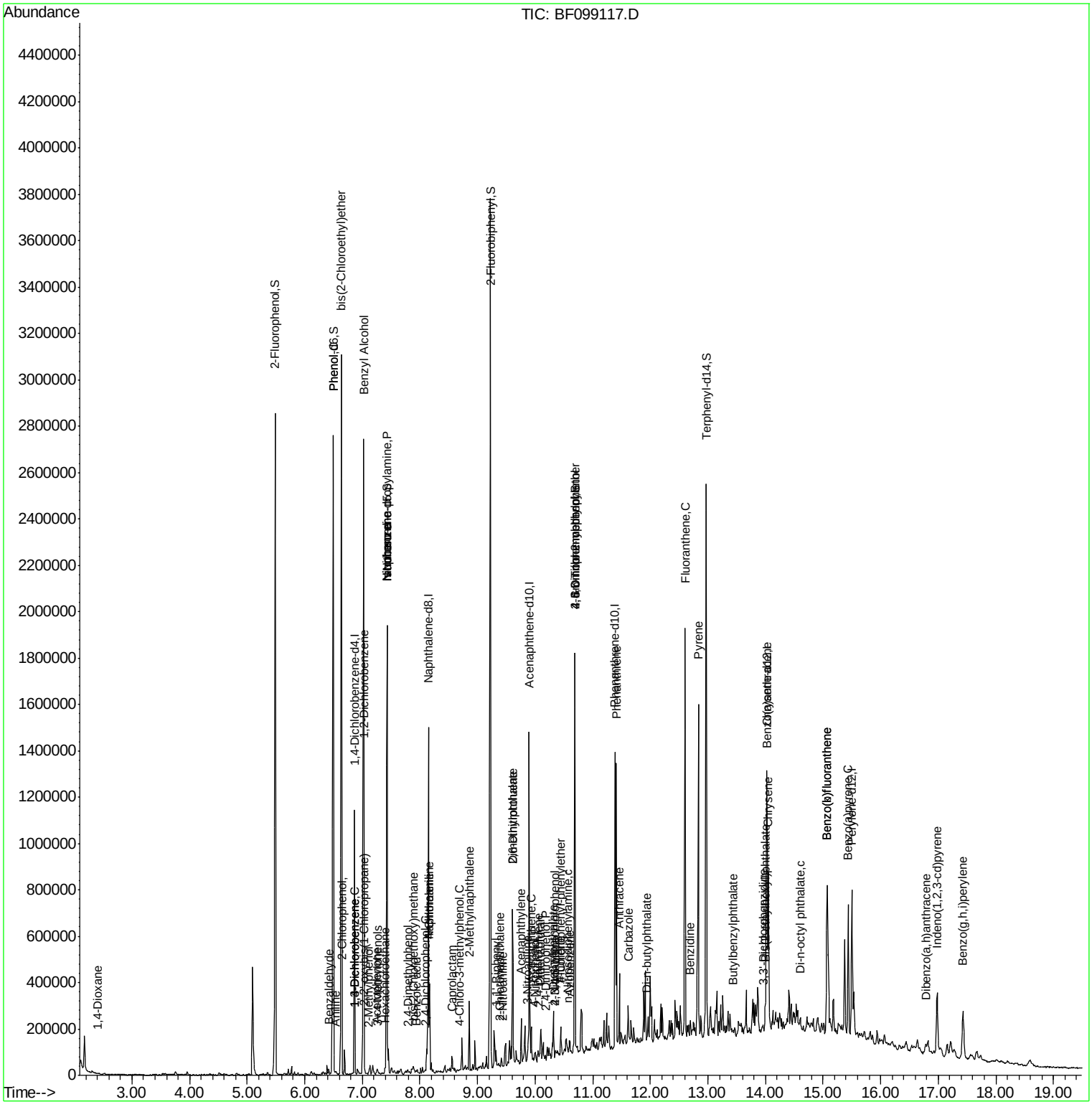
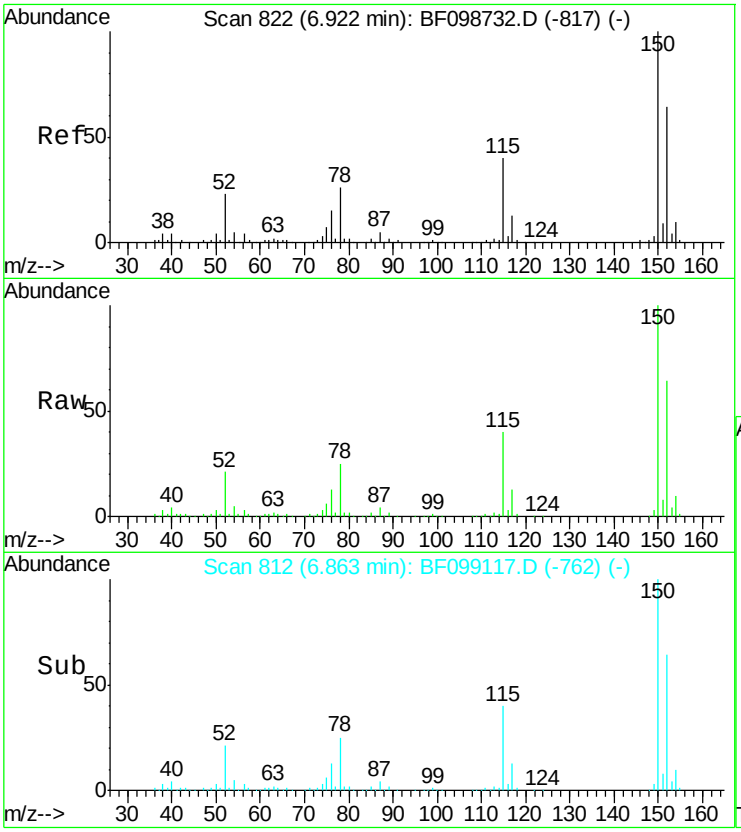


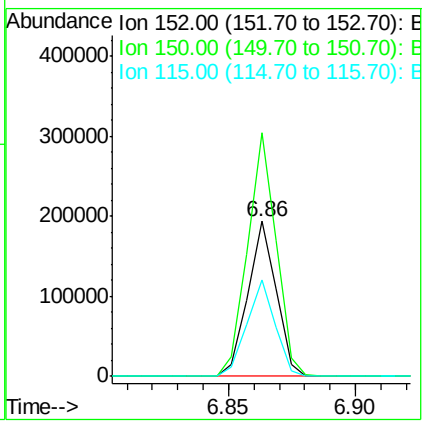


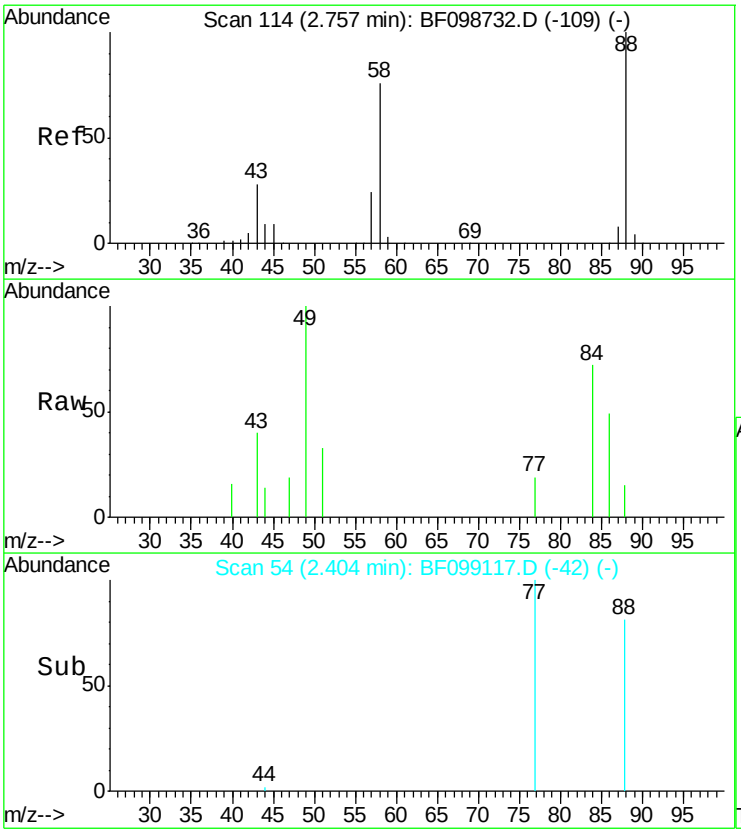
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151482

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	62.3	50.1	75.1

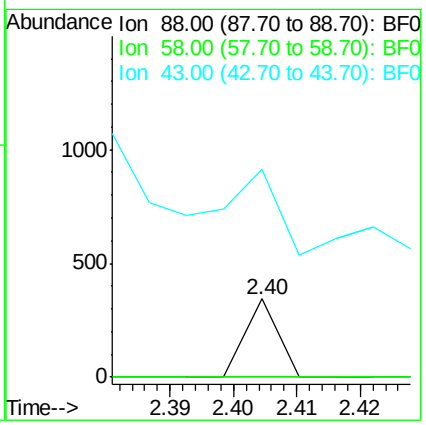


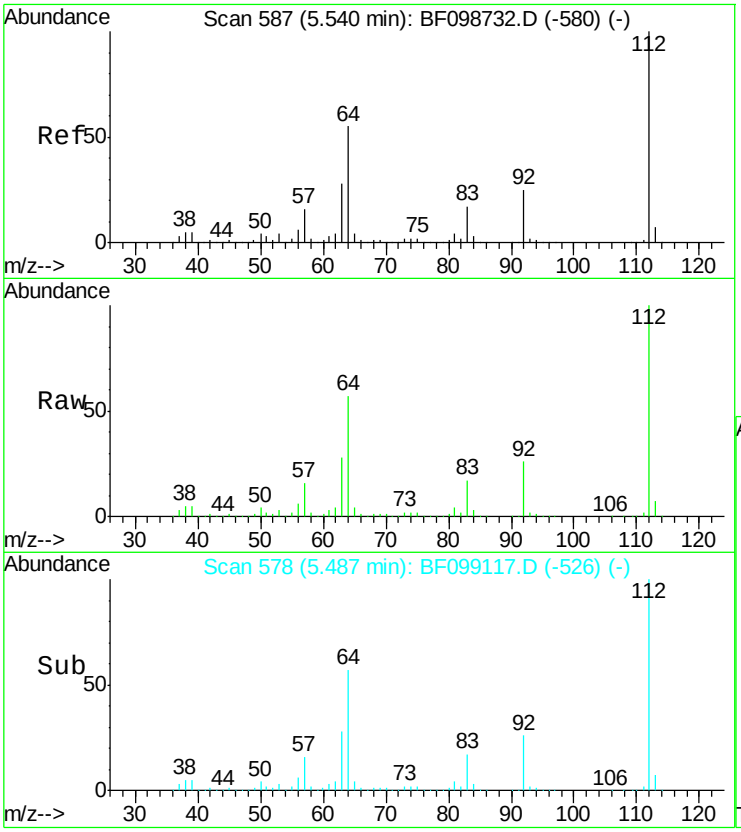


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.23 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 88 Resp: 122

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#



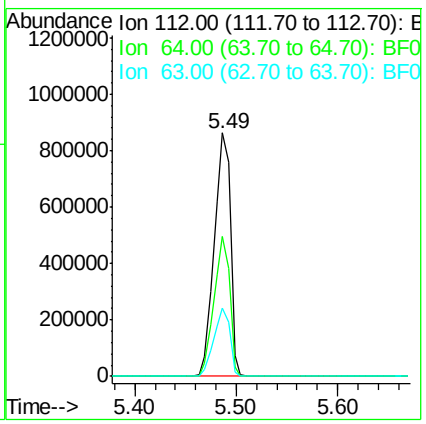


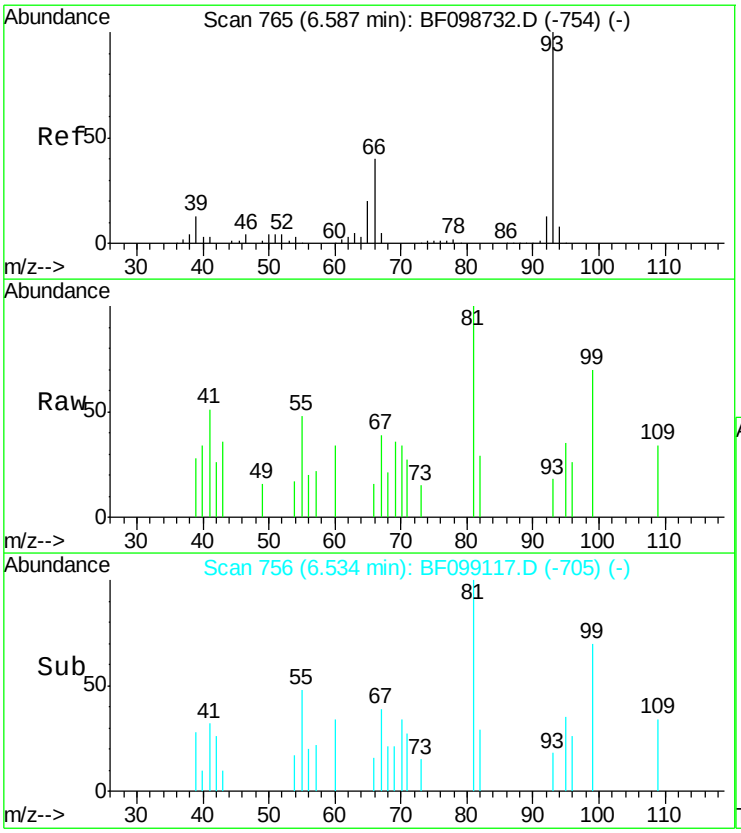
#5
2-Fluorophenol
Concen: 100.63 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 957546

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	27.8	23.7	35.5

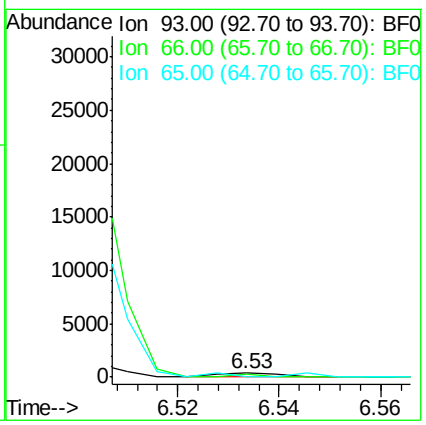


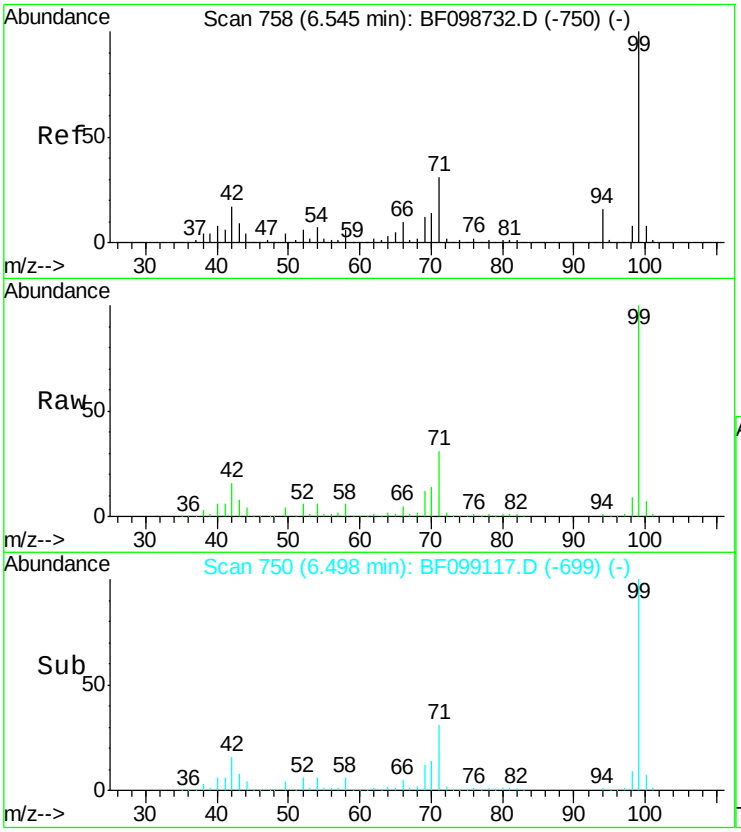


#6
Aniline
Concen: 0.02 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 93 Resp: 363

Ion	Ratio	Lower	Upper
93	100		
66	87.1	32.2	48.2#
65	0.0	16.4	24.6#



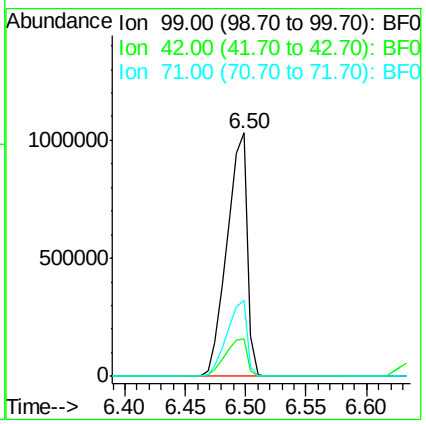


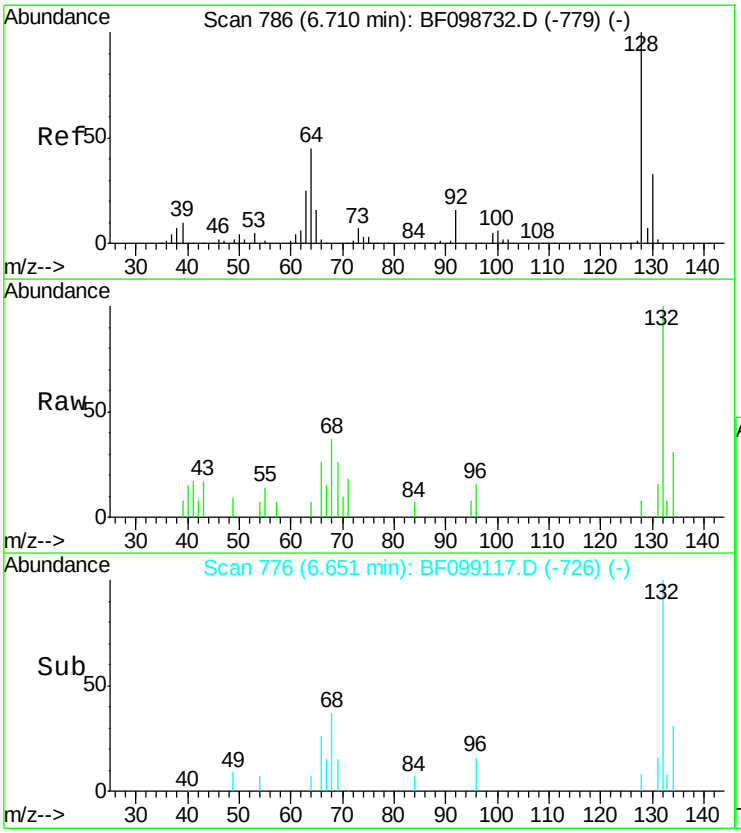
#7
Phenol-d6
Concen: 102.46 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1202806

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	31.0	25.4	38.0

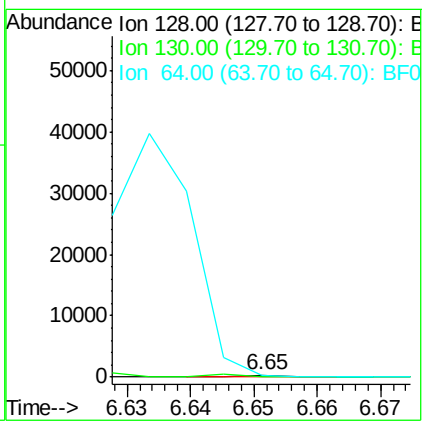


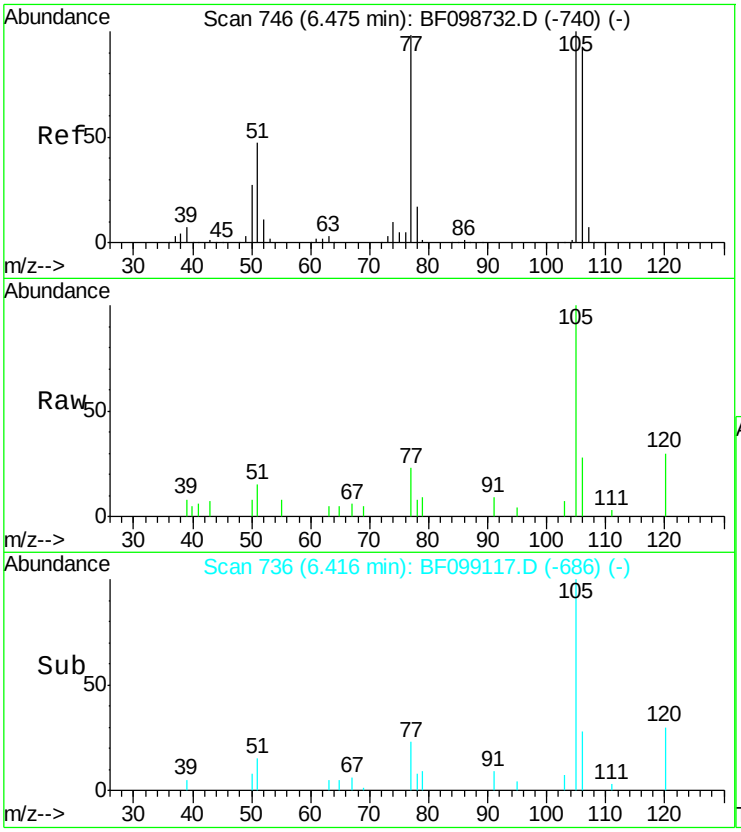


#8
2-Chlorophenol
Concen: 0.01 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:128 Resp: 116

Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.0	53.0#
64	93.3	29.4	69.4#



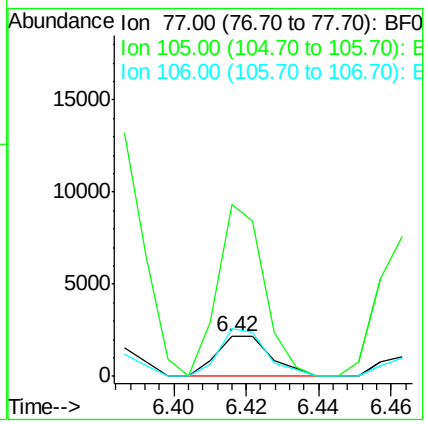


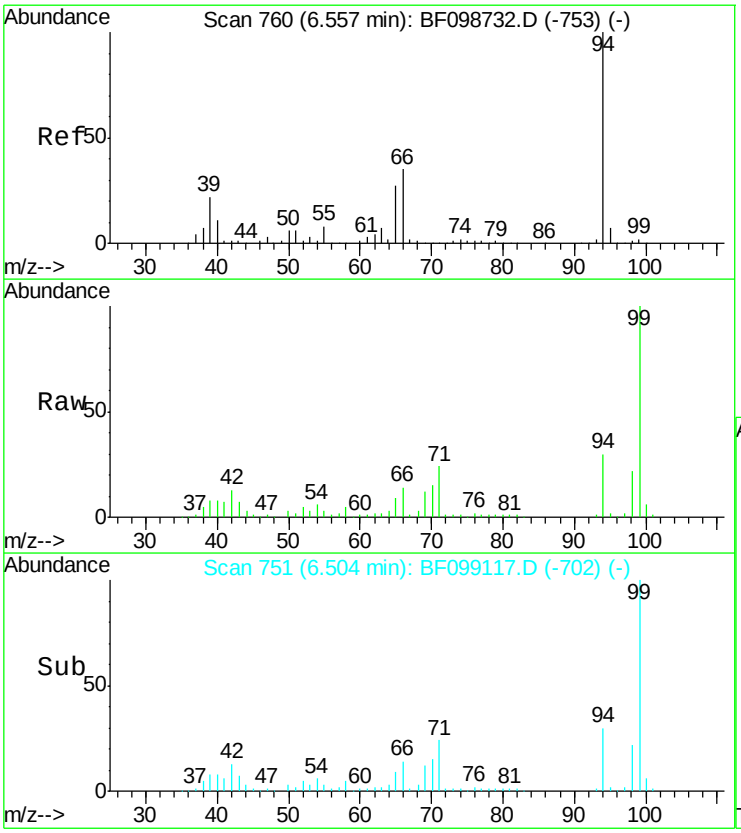
#9
Benzaldehyde
Concen: 0.34 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2285

Ion	Ratio	Lower	Upper
77	100		
105	430.0	81.1	121.1#
106	119.6	74.5	114.5#

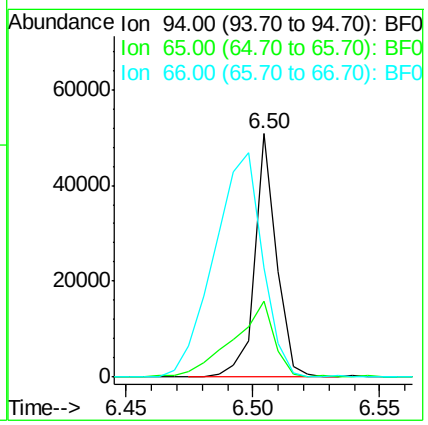


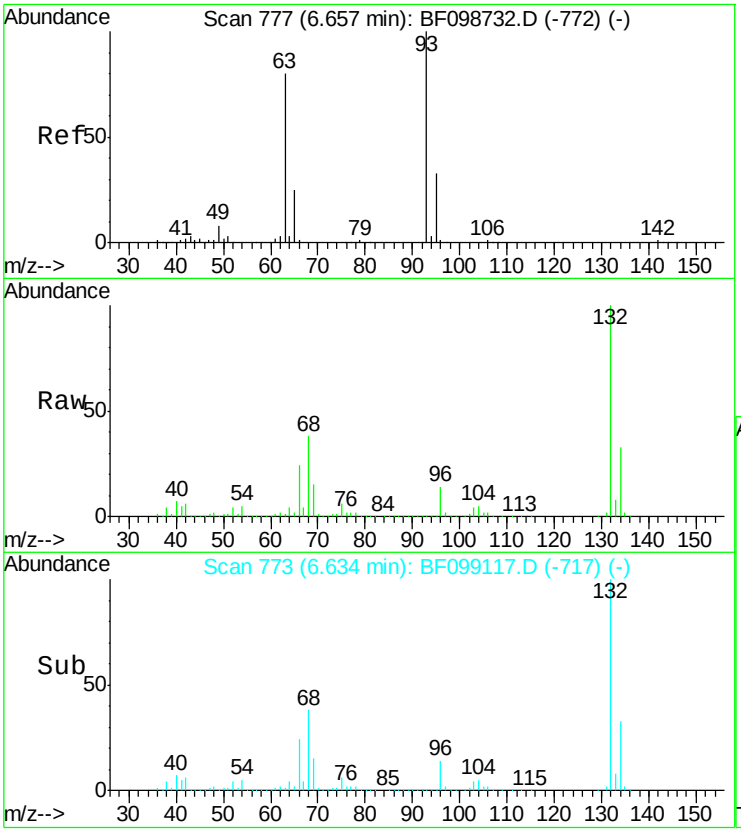


#10
Phenol
Concen: 2.33 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 94 Resp: 30590

Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.9	47.9
66	44.9	16.2	56.2



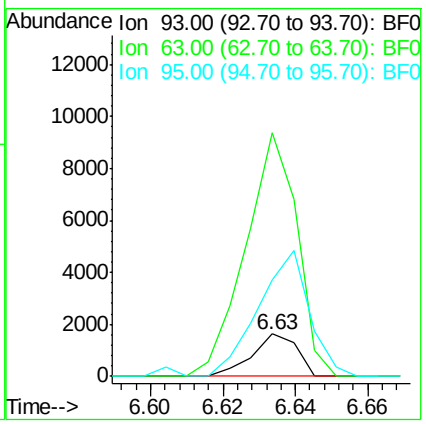


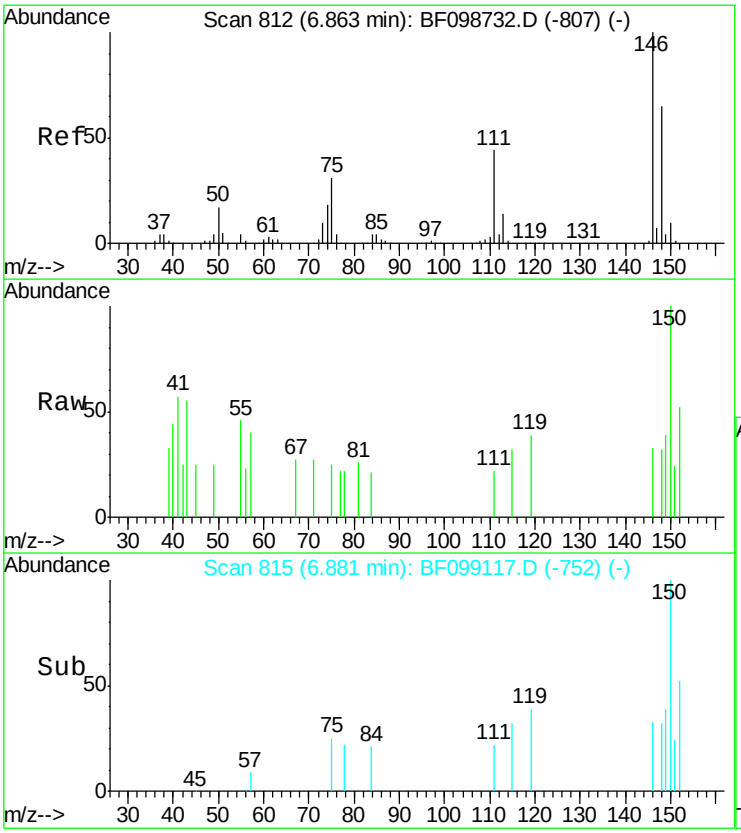
#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.03 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1384

Ion	Ratio	Lower	Upper
93	100		
63	575.6	58.6	98.6#
95	228.7	11.8	51.8#

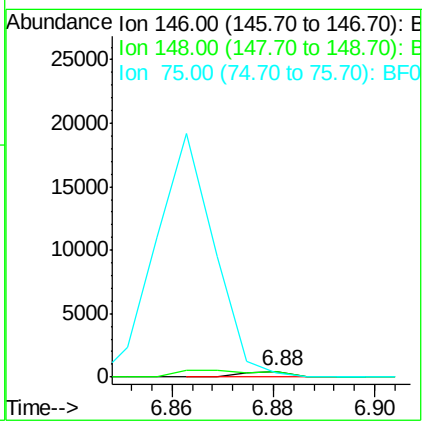


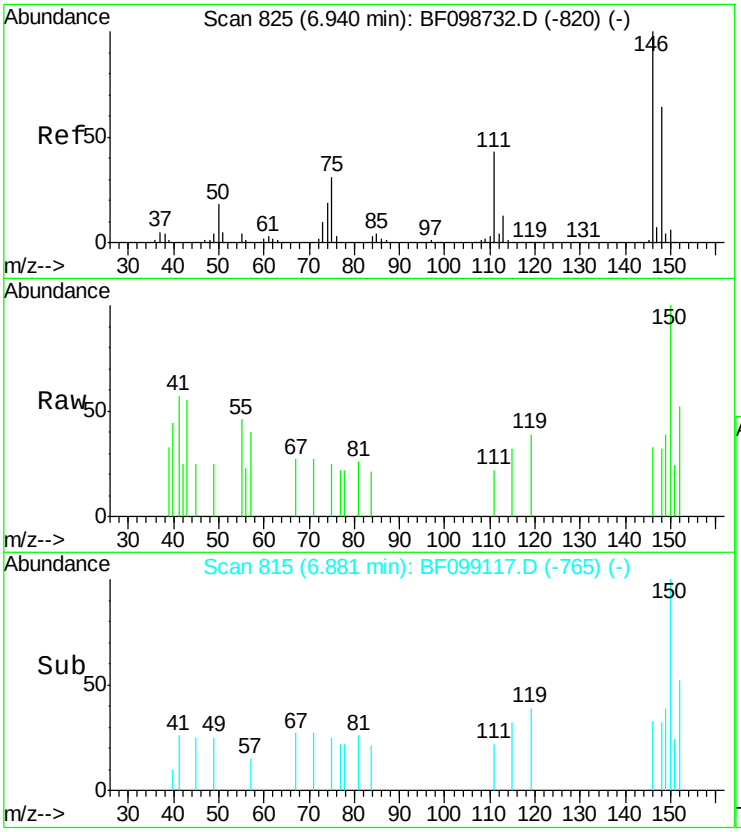


#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.07 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:146 Resp: 270

Ion	Ratio	Lower	Upper
146	100		
148	97.0	51.8	77.8#
75	77.4	24.2	36.4#



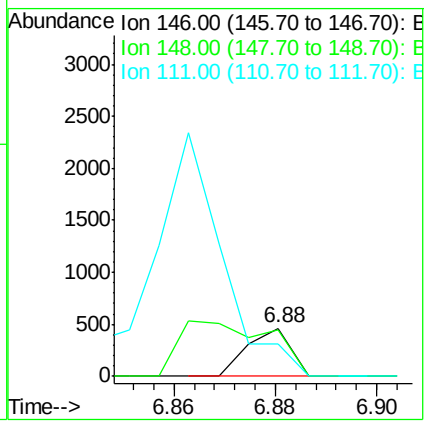


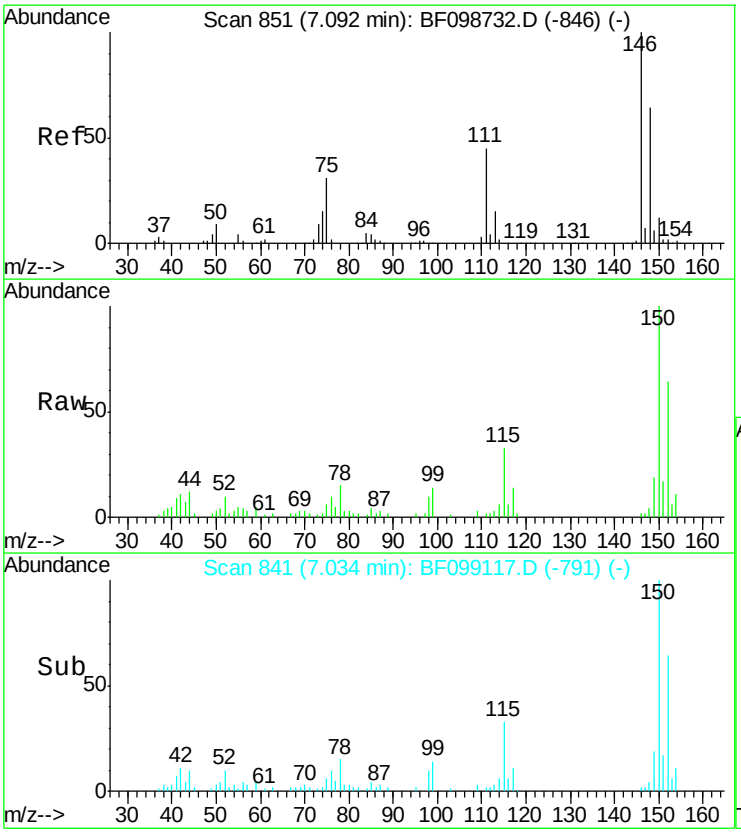
#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 270

Ion	Ratio	Lower	Upper
146	100		
148	97.0	50.8	76.2#
111	66.5	34.2	51.2#

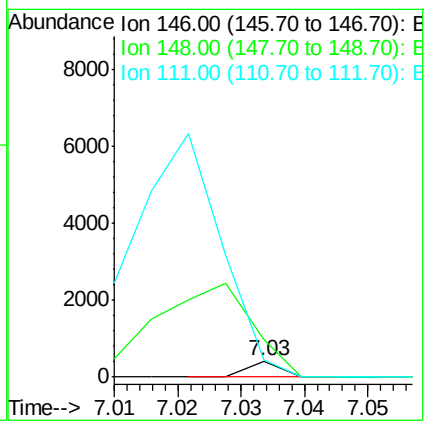


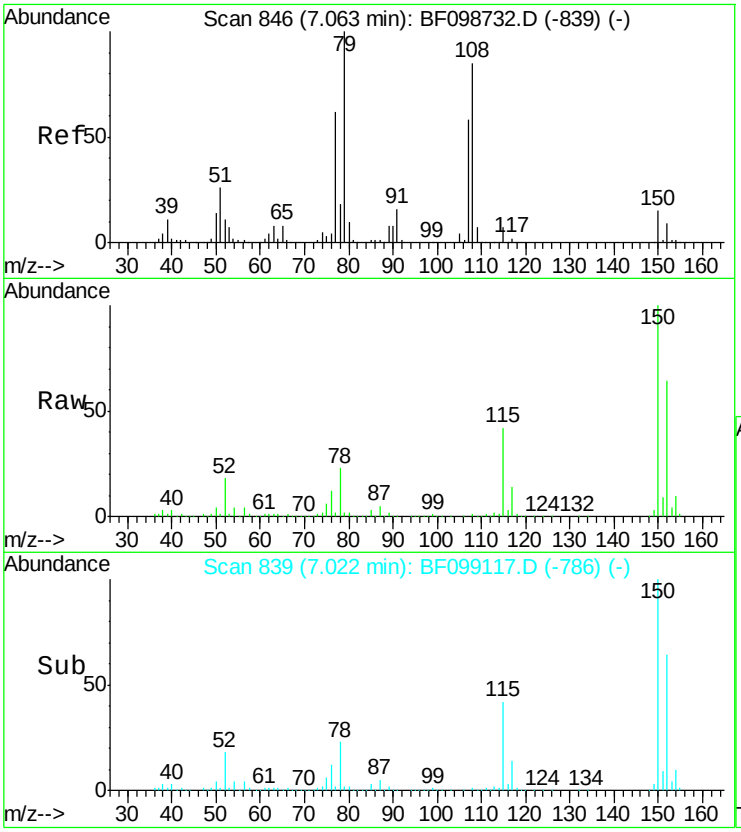


#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:146 Resp: 147

Ion	Ratio	Lower	Upper
146	100		
148	233.7	50.6	75.8#
111	103.4	36.0	54.0#



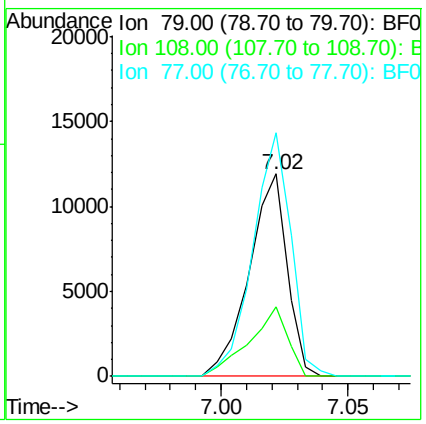


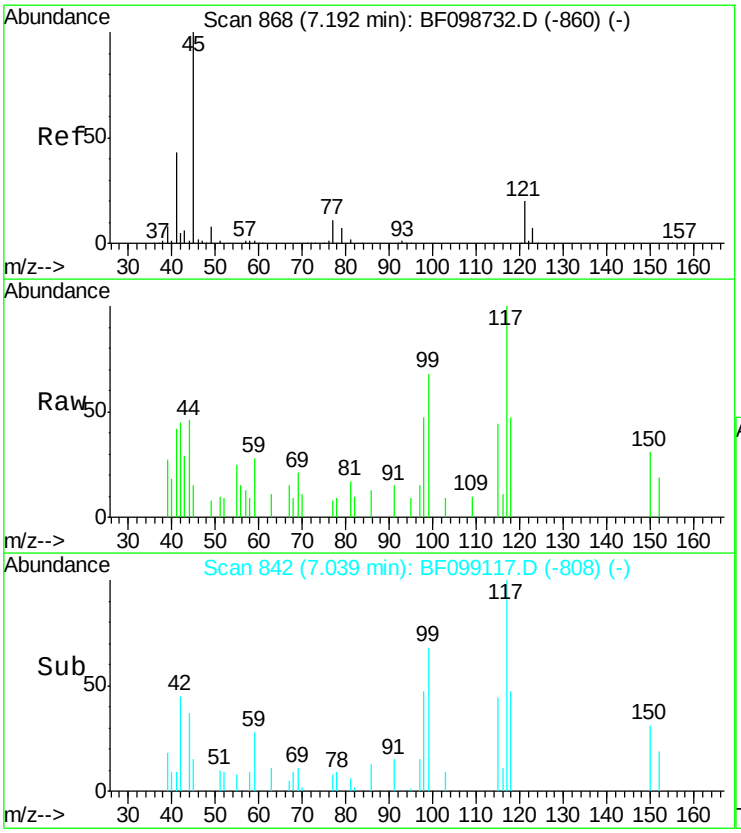
#15
Benzyl Alcohol
Concen: 1.45 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 12508

Ion	Ratio	Lower	Upper
79	100		
108	34.2	65.1	97.7#
77	120.4	50.6	75.8#

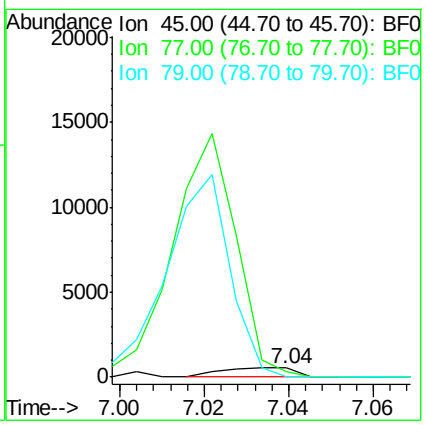


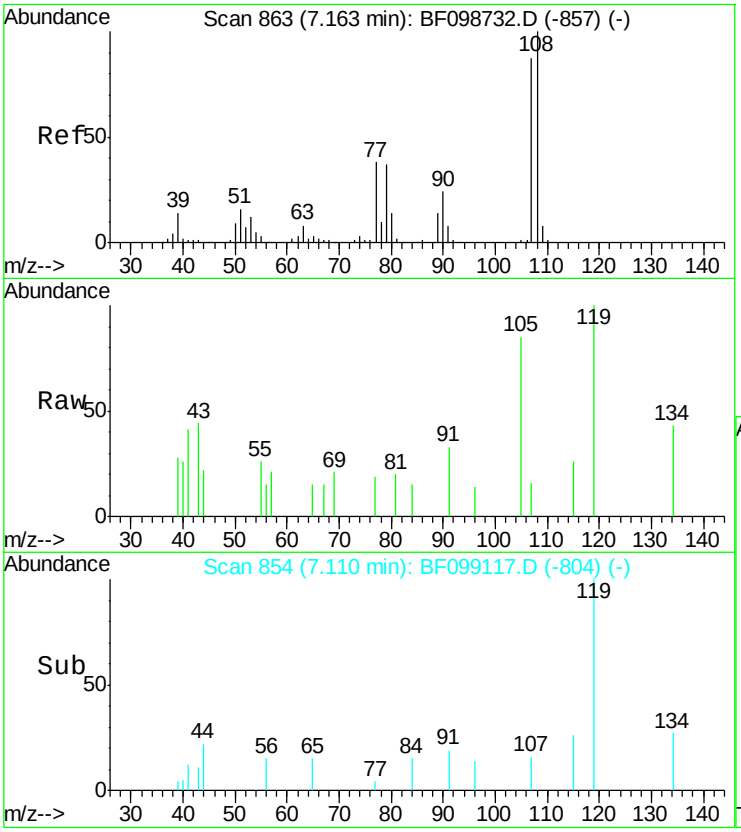


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.04 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.10 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 45 Resp: 660

Ion	Ratio	Lower	Upper
45	100		
77	55.5	0.0	32.9#
79	0.0	0.0	29.6



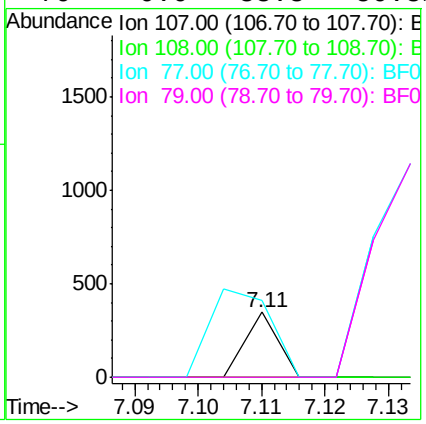


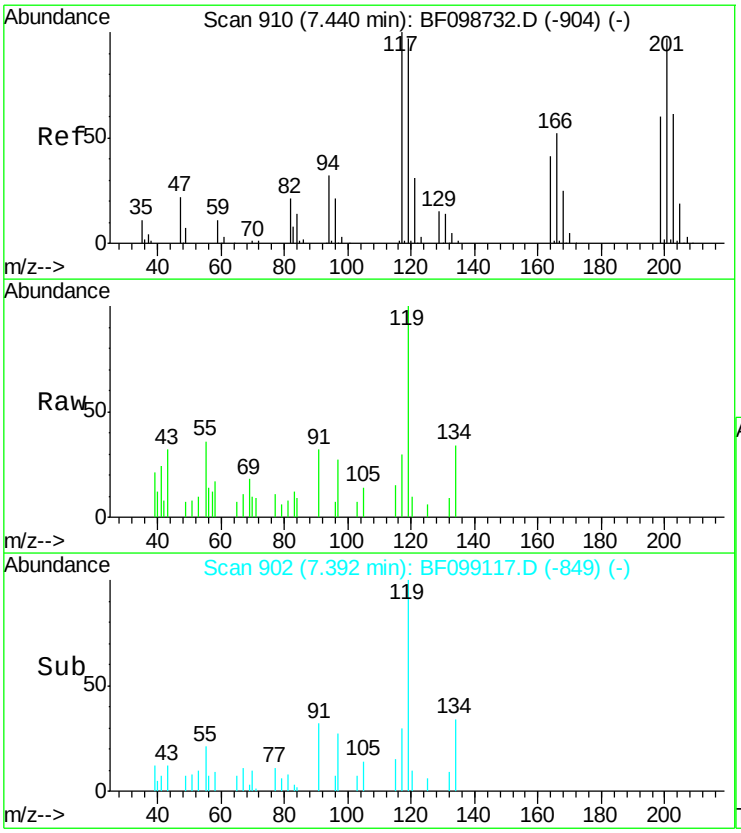
#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 122

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	119.0	33.8	50.8#
79	0.0	33.8	50.8#

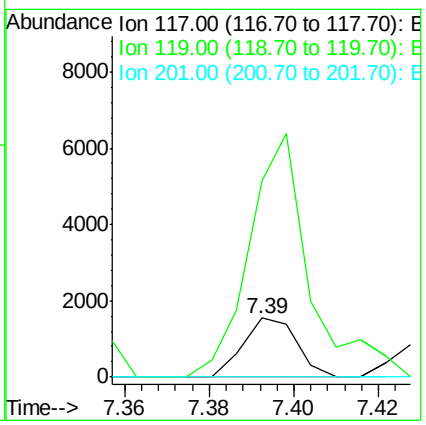


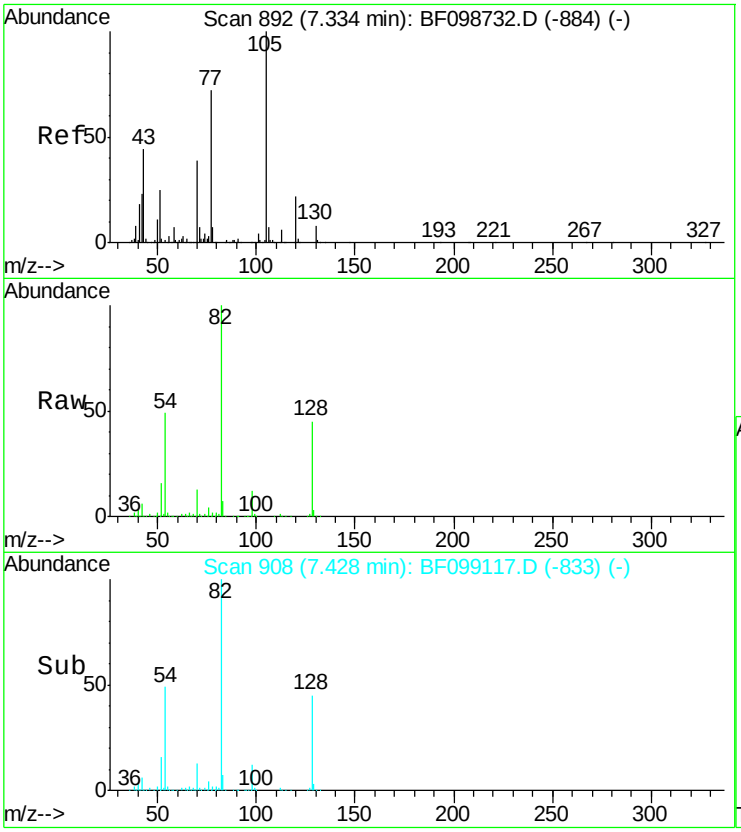


#18
Hexachloroethane
Concen: 0.33 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:117 Resp: 1366

Ion	Ratio	Lower	Upper
117	100		
119	331.5	75.8	113.8#
201	0.0	75.7	113.5#



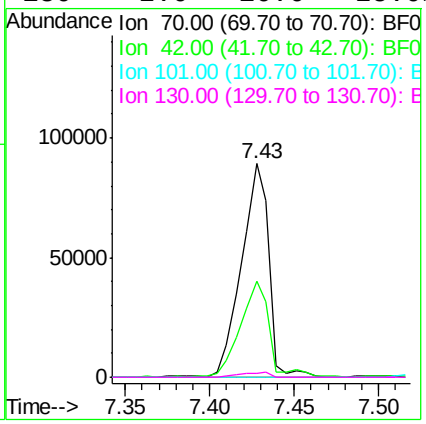


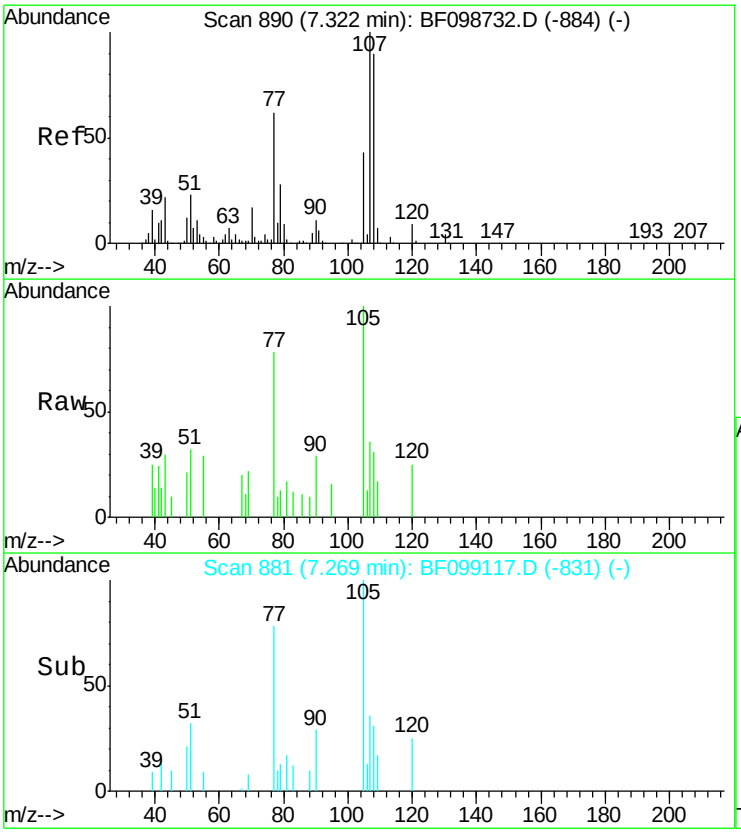
#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 101120

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

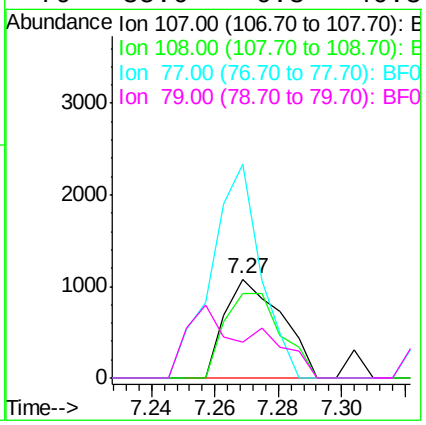


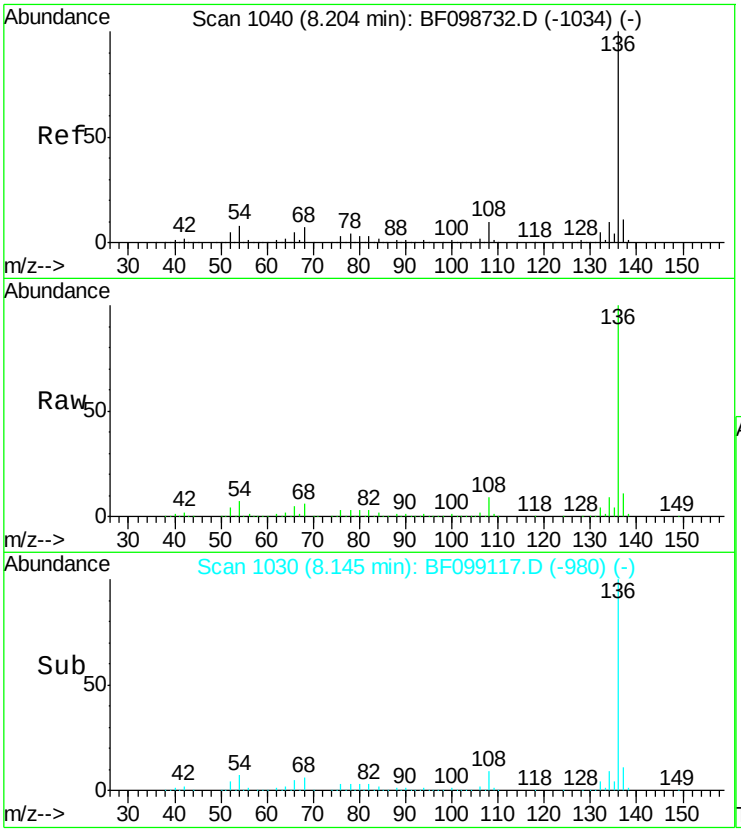


#20
3+4-Methylphenols
Concen: 0.12 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:107 Resp: 1343

Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.2	108.2
77	215.6	26.7	66.7#
79	35.6	6.3	46.3



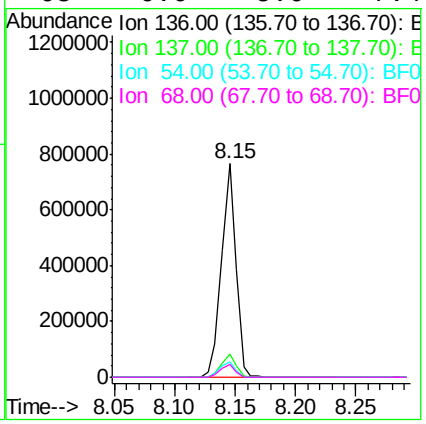


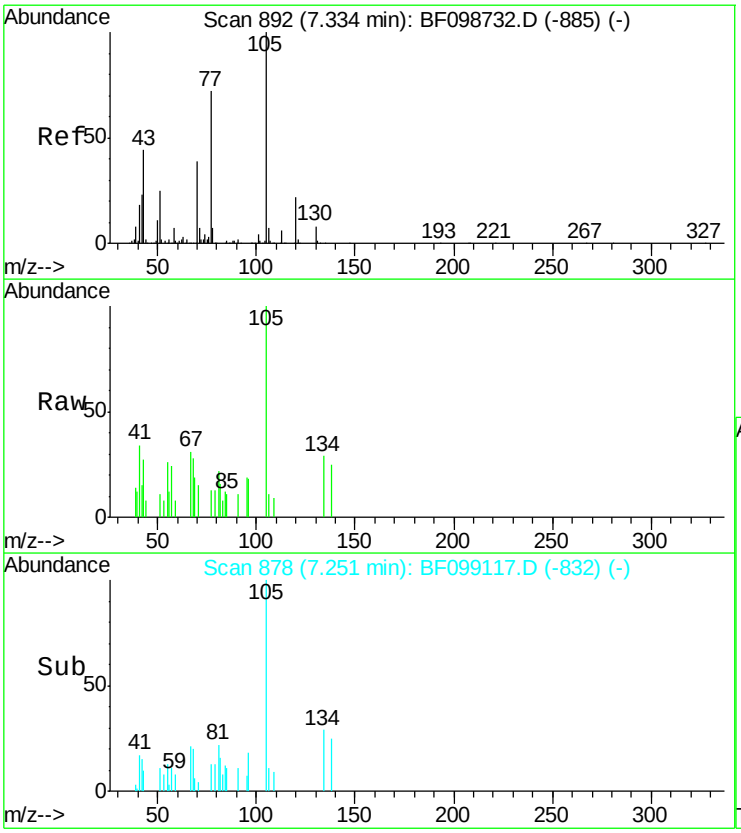
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 635234

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.0	5.0	7.4

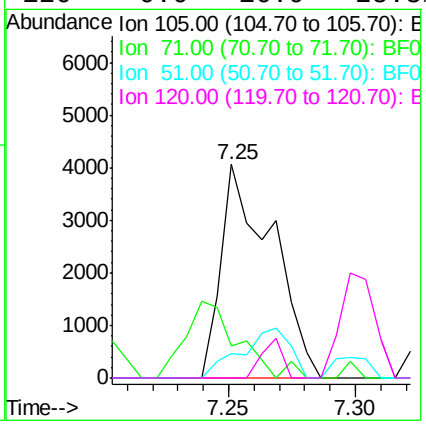


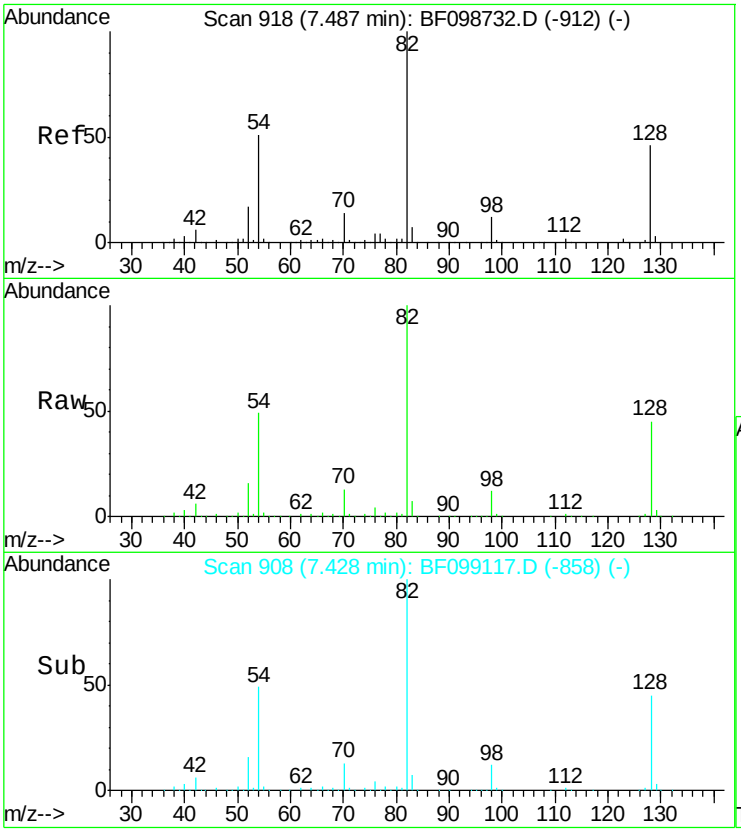


#22
Acetophenone
Concen: 0.37 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:105 Resp: 5687

Ion	Ratio	Lower	Upper
105	100		
71	15.2	4.4	6.6#
51	11.5	22.3	33.5#
120	0.0	16.9	25.3#



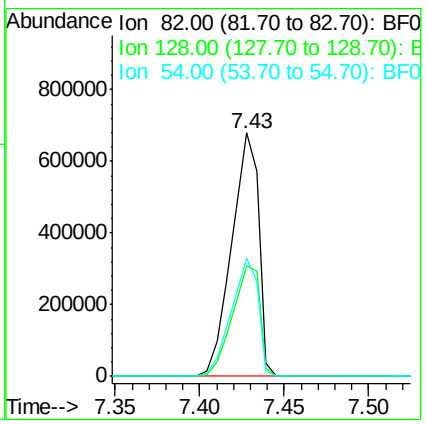


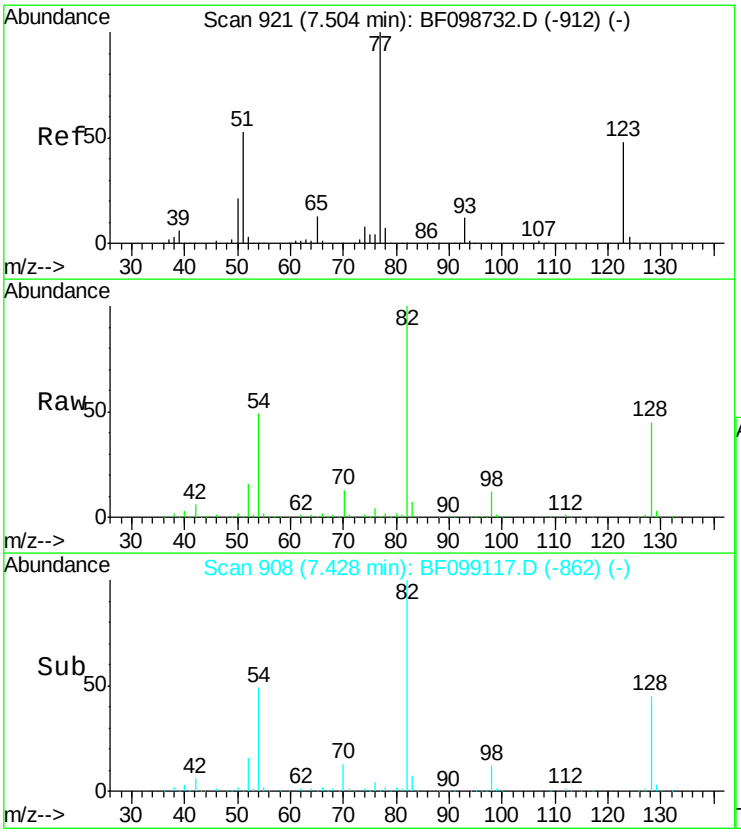
#23
Nitrobenzene-d5
Concen: 76.10 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 753767

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.7	41.4	62.2

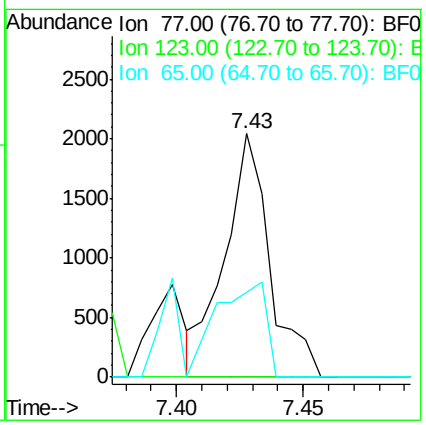


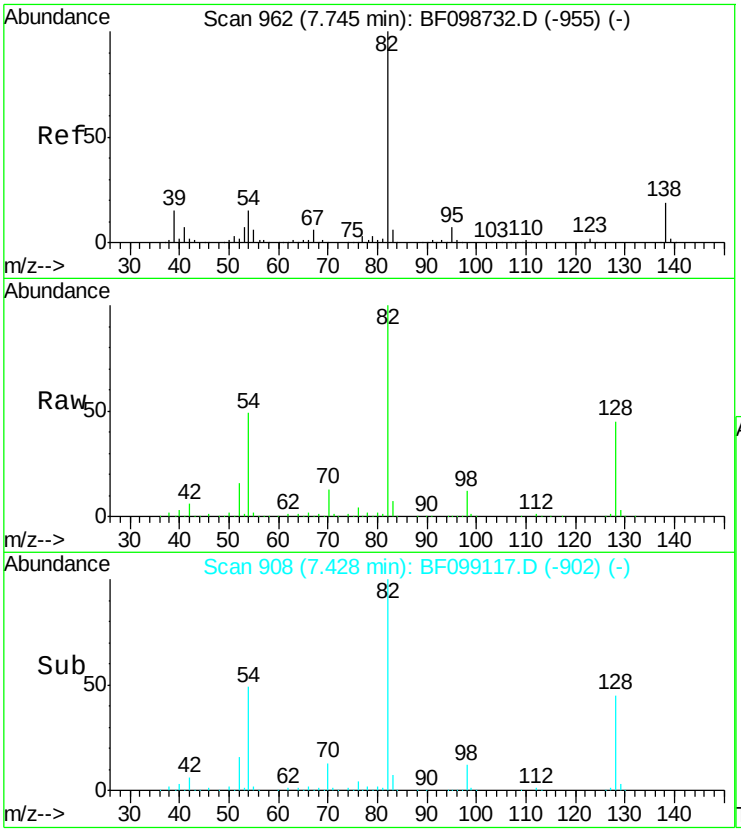


#24
Nitrobenzene
Concen: 0.22 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 77 Resp: 2528

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	34.8	11.0	16.4#



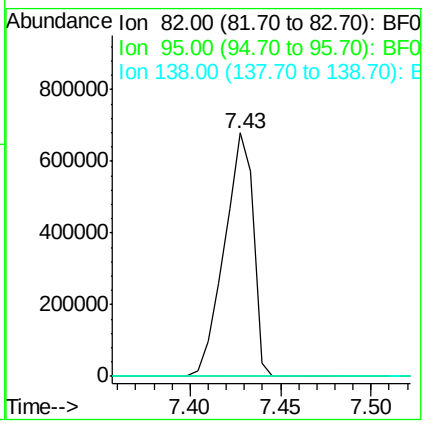


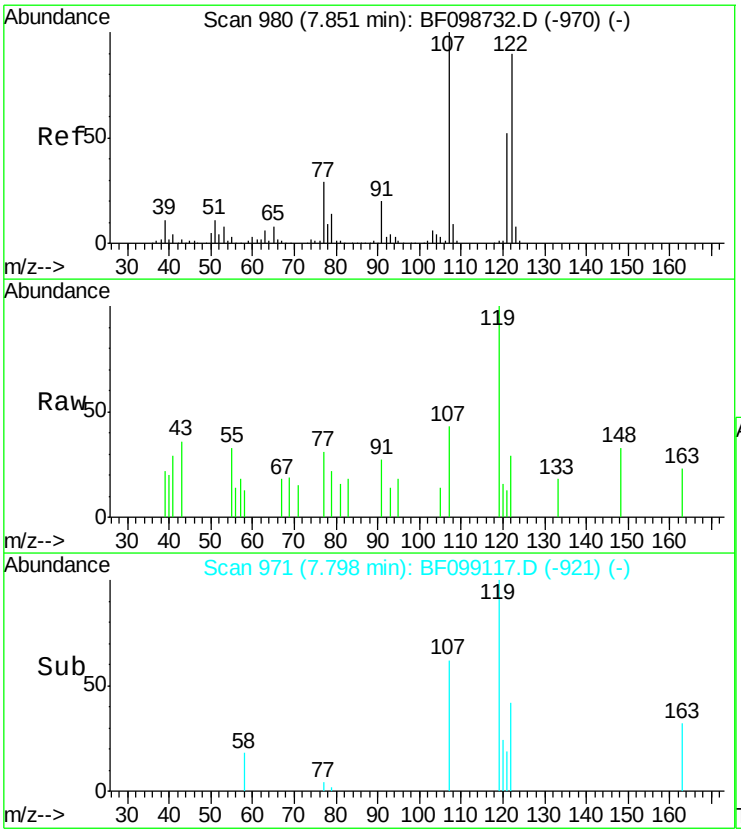
#25
Isophorone
Concen: 36.71 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 751783

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

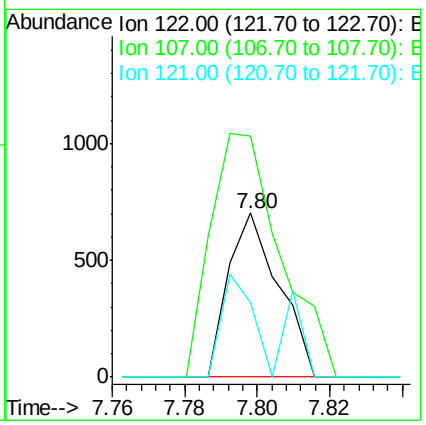


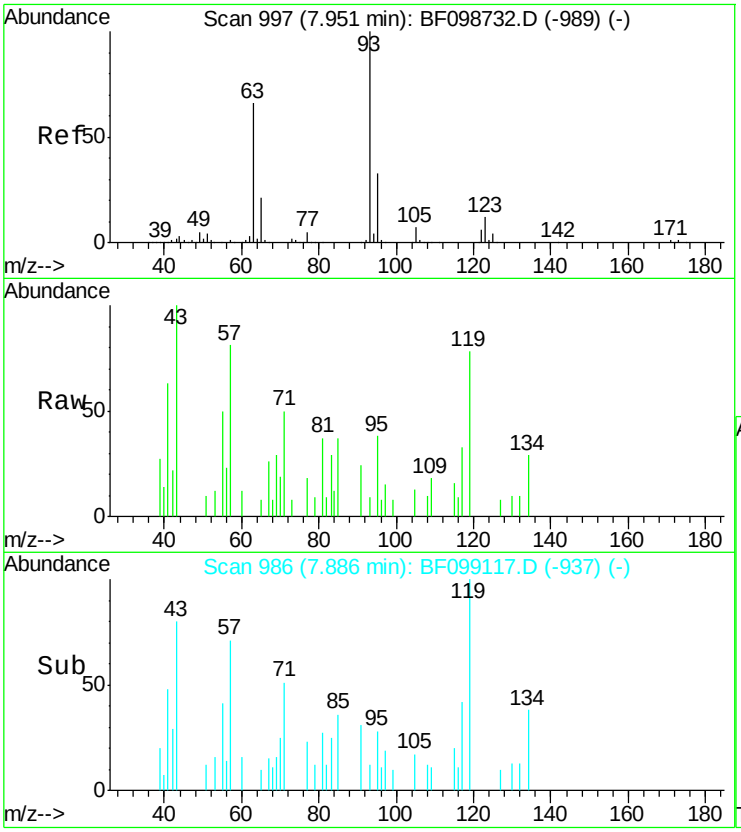


#27
2,4-Dimethylphenol
Concen: 0.07 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:122 Resp: 682

Ion	Ratio	Lower	Upper
122	100		
107	147.2	91.2	136.8#
121	45.2	47.2	70.8#



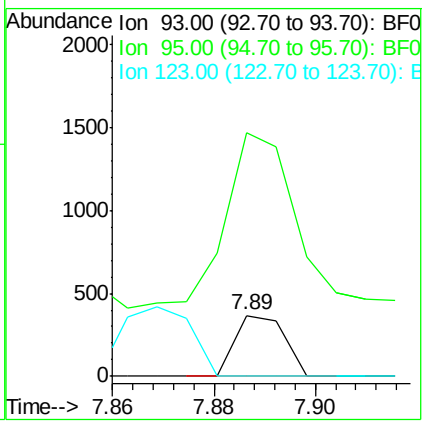


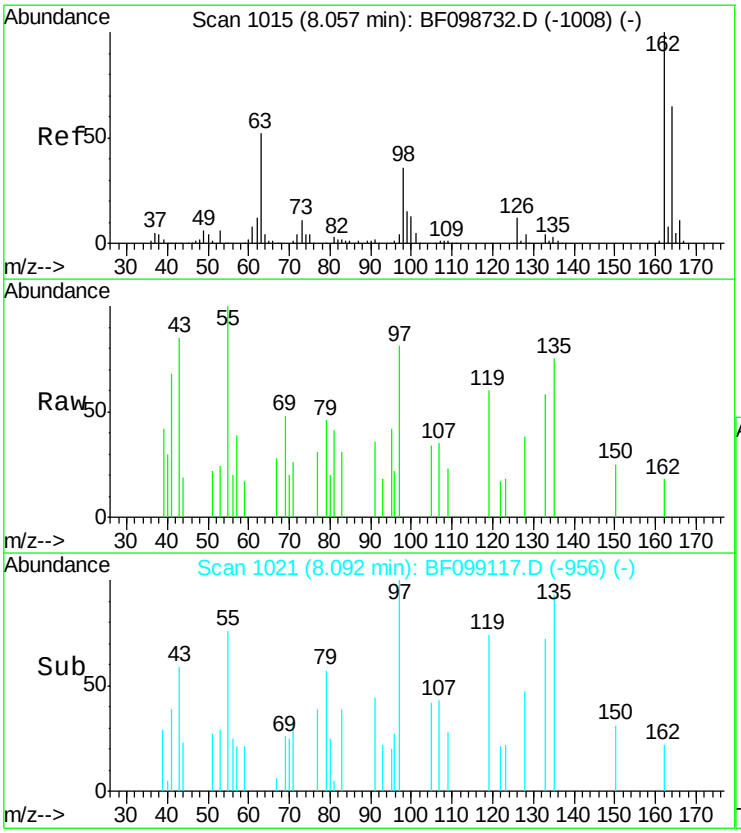
#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 246

Ion	Ratio	Lower	Upper
93	100		
95	401.4	26.3	39.5#
123	0.0	9.8	14.6#

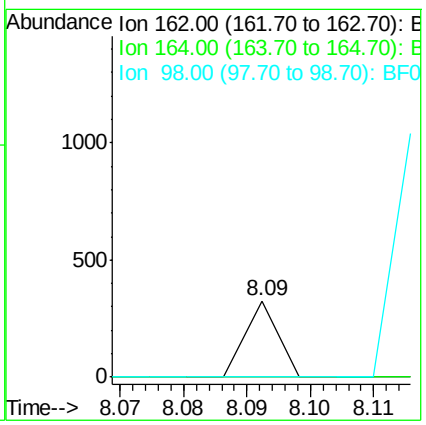


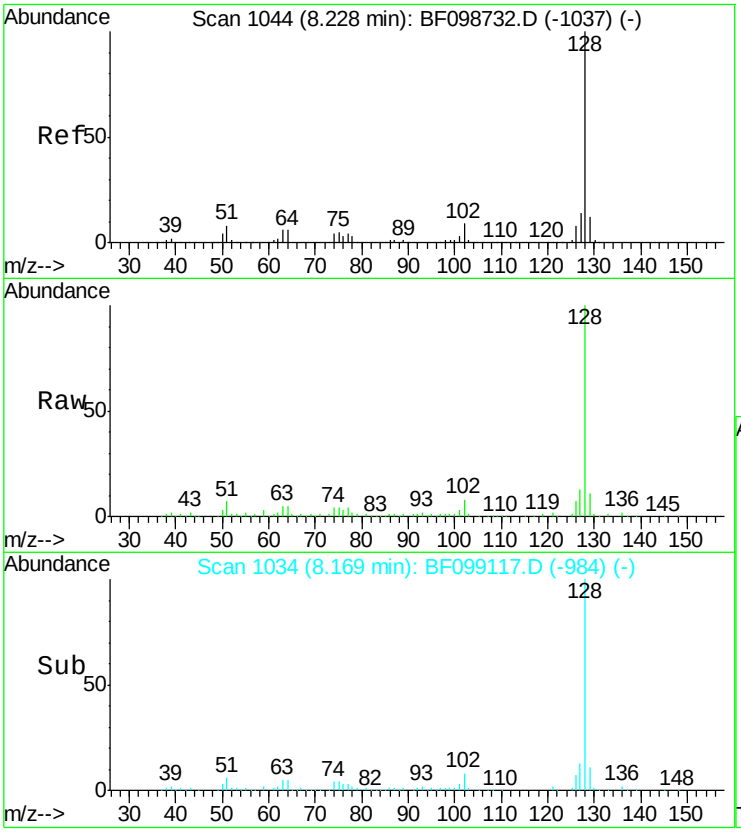


#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.08 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:162 Resp: 115

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



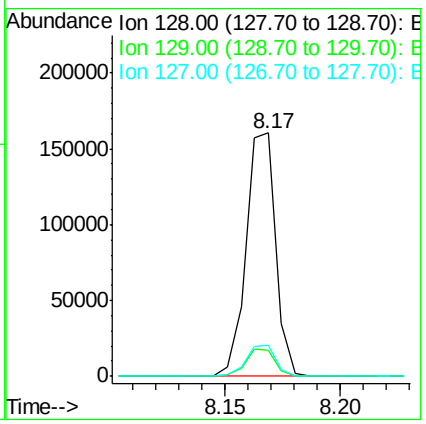


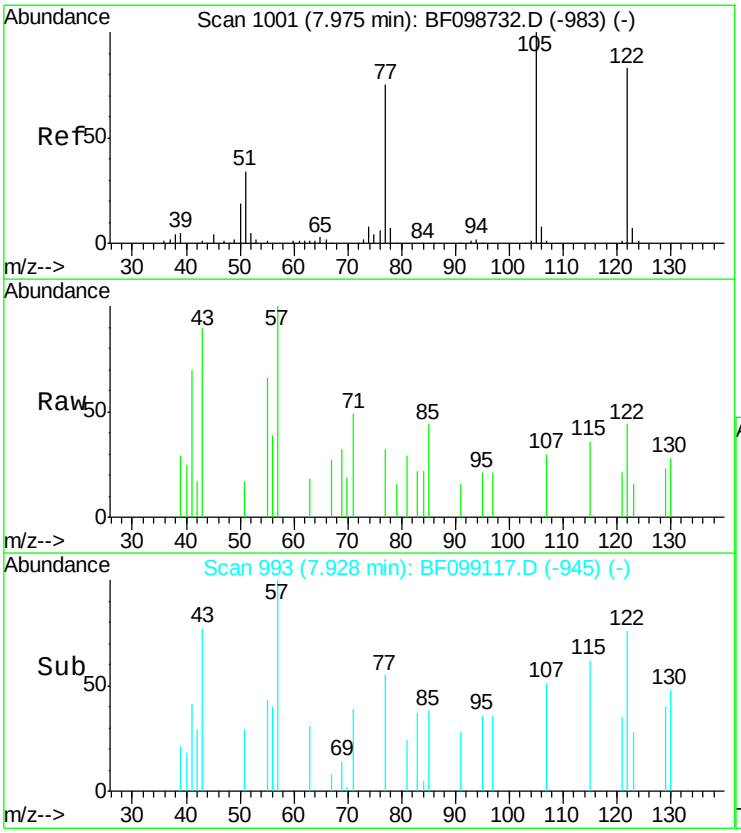
#31
Naphthalene
Concen: 4.83 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 144142

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.9	10.9	16.3

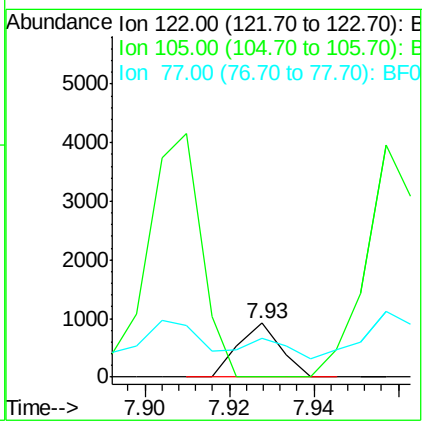


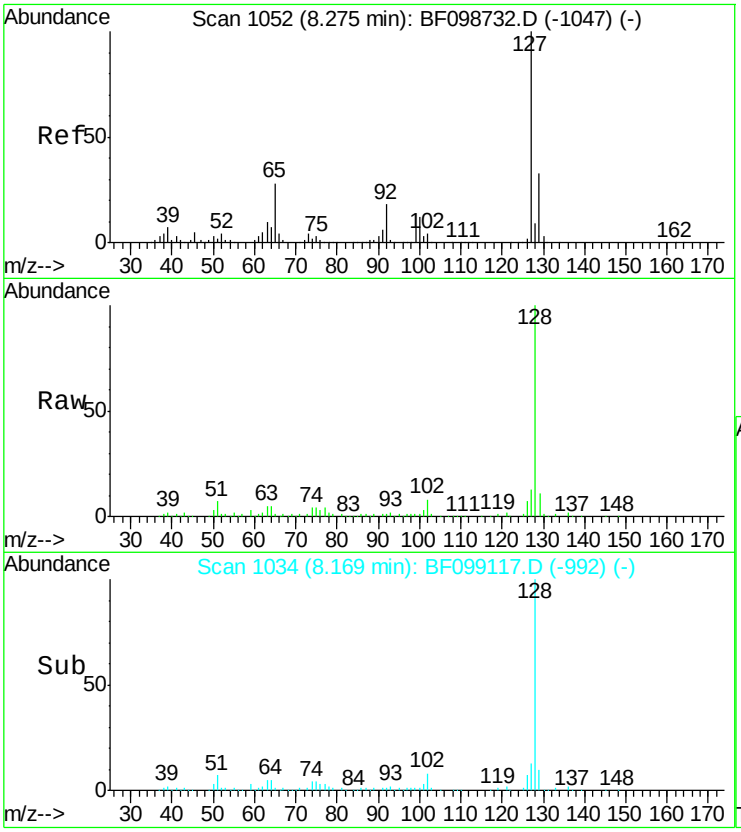


#32
Benzoic acid
Concen: 0.08 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:122 Resp: 644

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	72.1	70.7	110.7



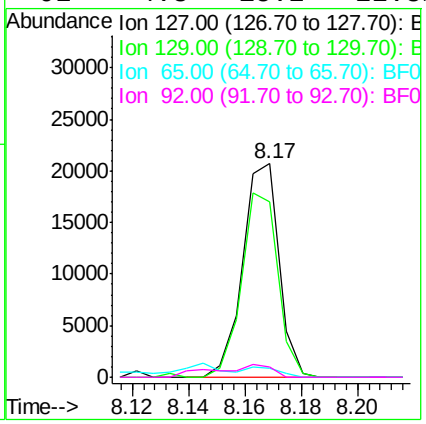


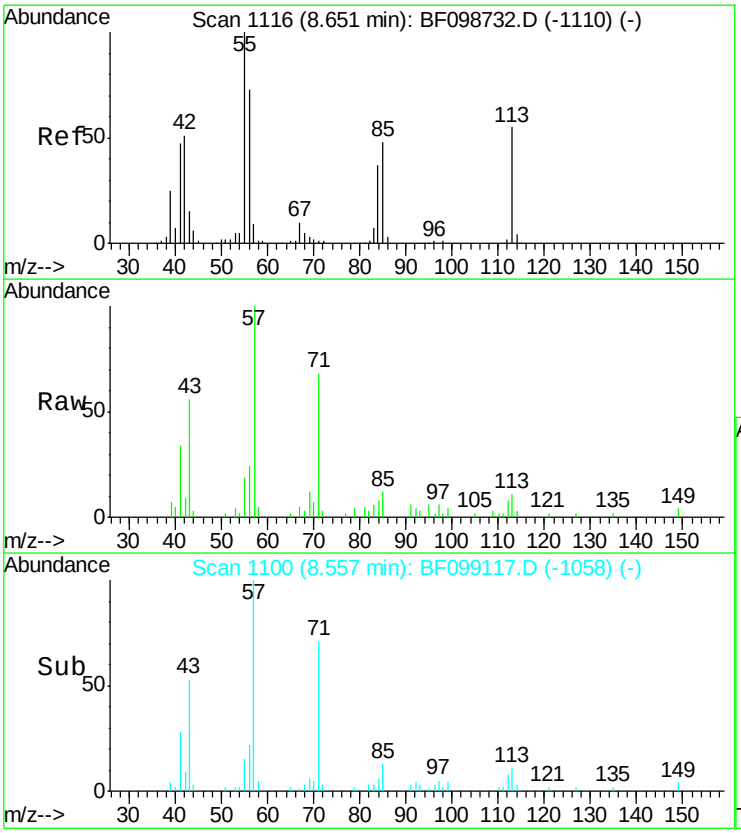
#33
4-Chloroaniline
Concen: 1.49 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 18503

Ion	Ratio	Lower	Upper
127	100		
129	81.9	25.9	38.9#
65	4.2	25.0	37.4#
92	4.8	15.2	22.8#

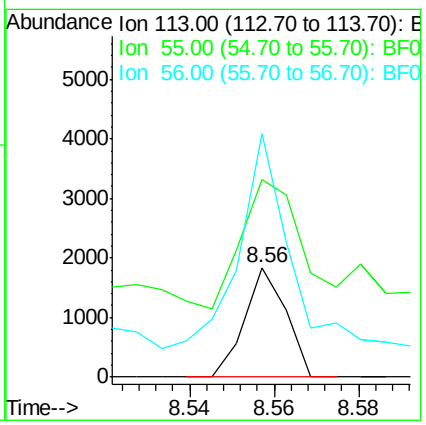


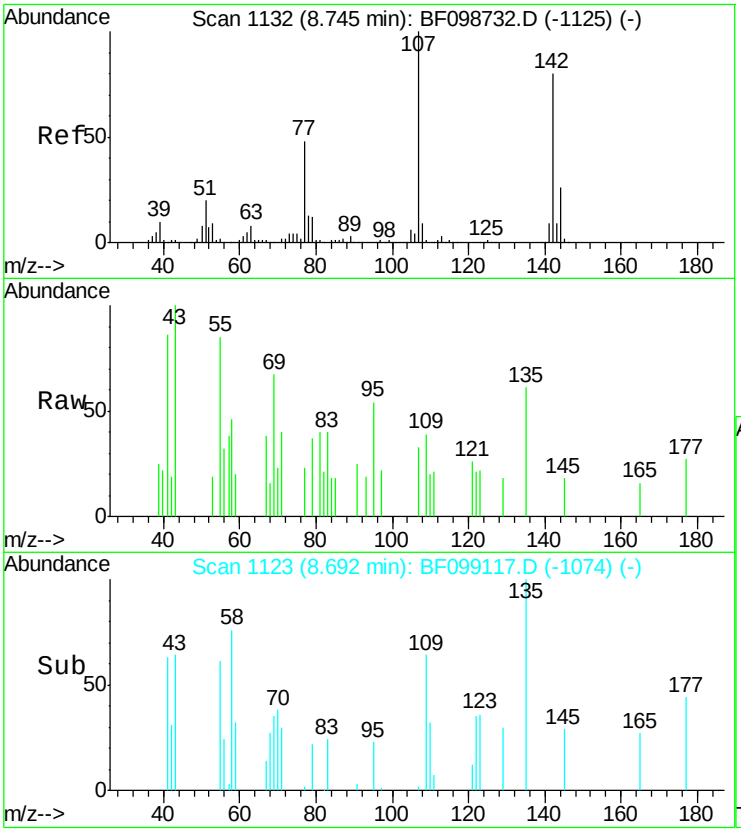


#35
Caprolactam
Concen: 0.44 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.05 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:113 Resp: 1247

Ion	Ratio	Lower	Upper
113	100		
55	180.1	163.3	203.3
56	222.5	115.7	155.7#



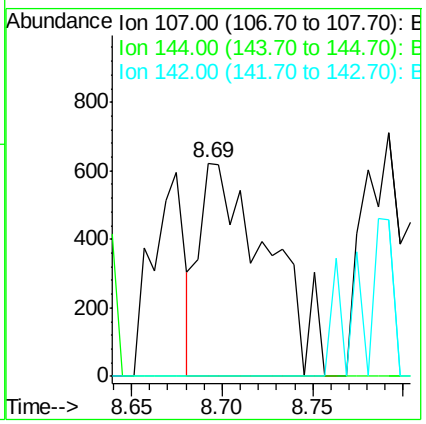


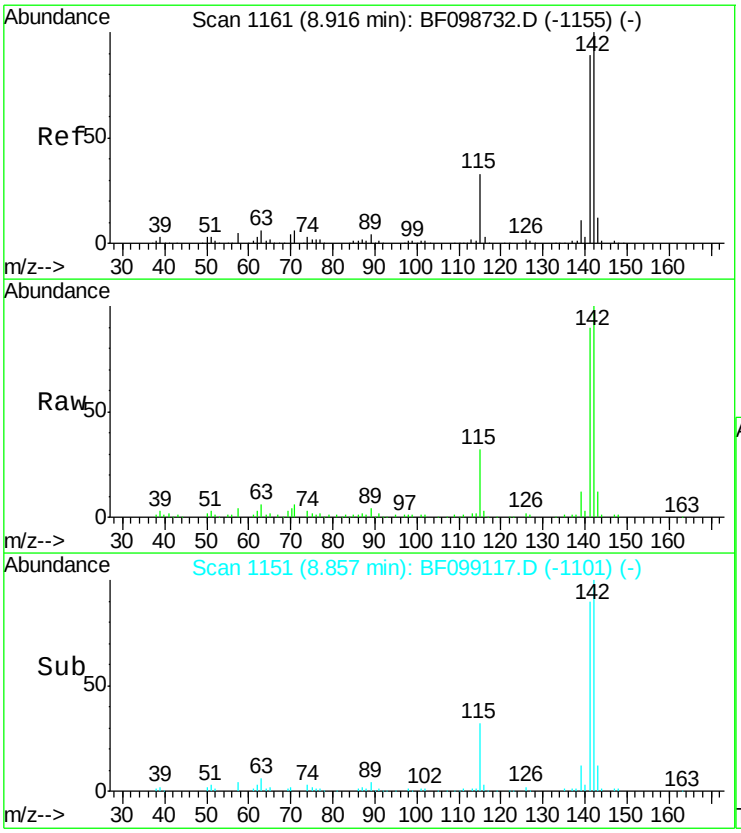
#36
4-Chloro-3-methylphenol
Concen: 0.17 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1641

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

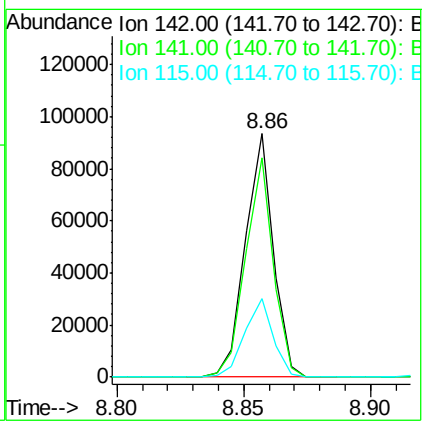


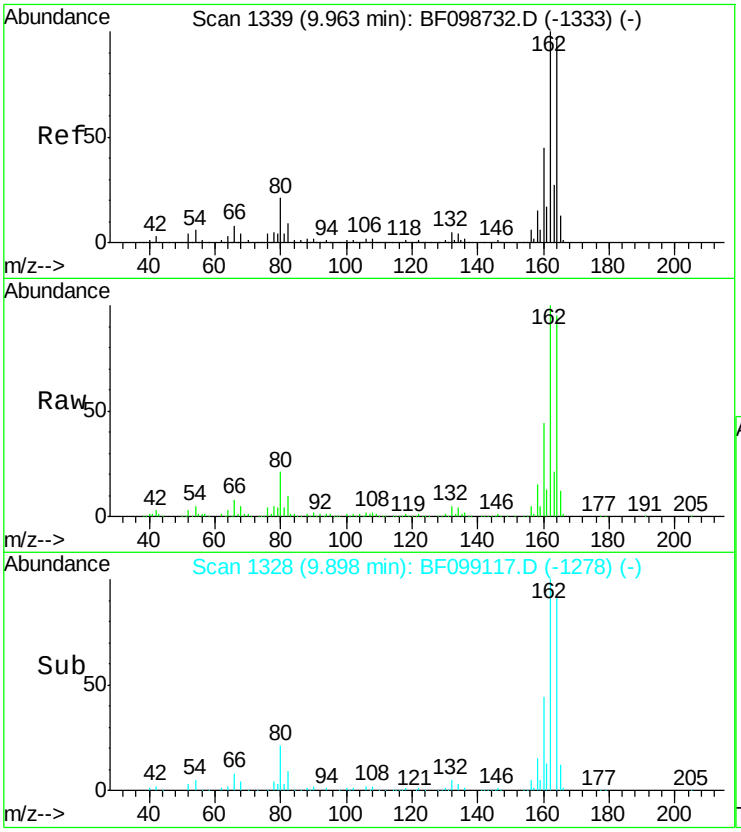


#37
2-Methylnaphthalene
Concen: 3.71 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:142 Resp: 71921

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	32.4	26.1	39.1



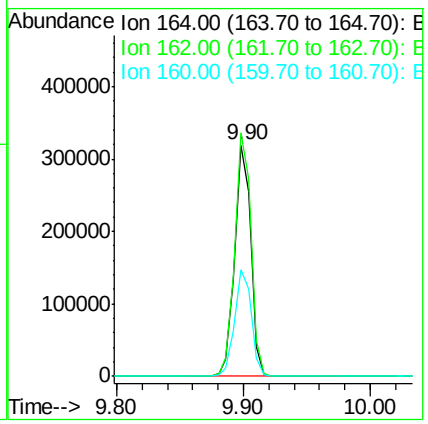


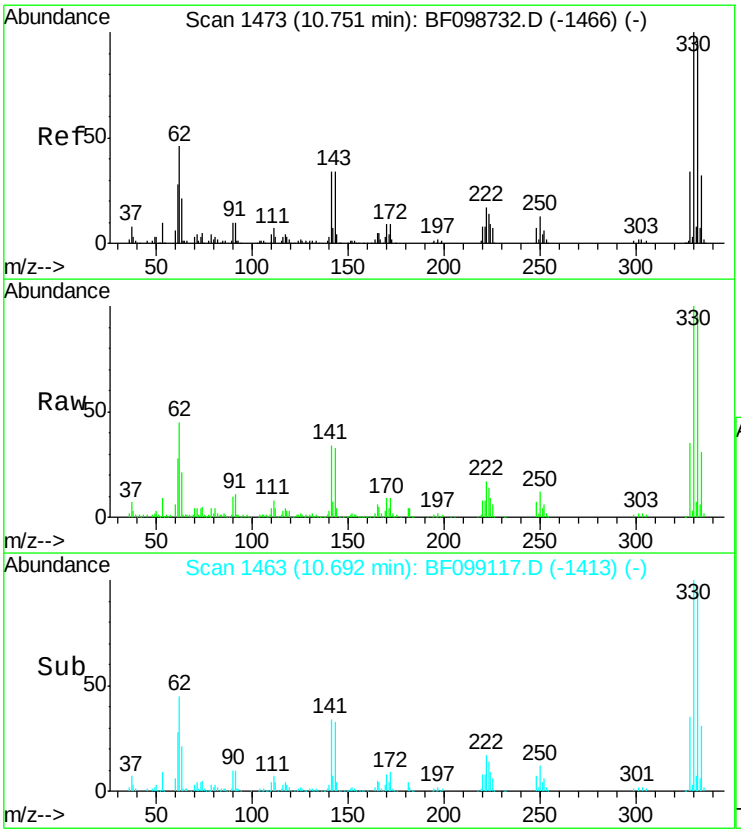
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 276562

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.2	38.3	57.5

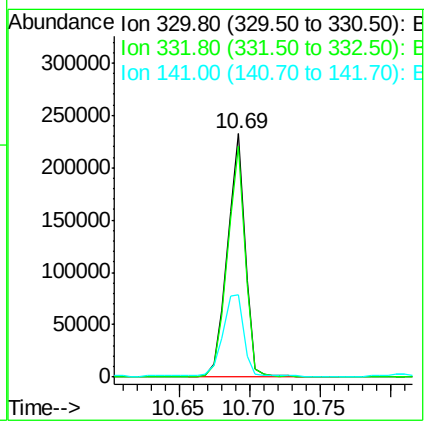


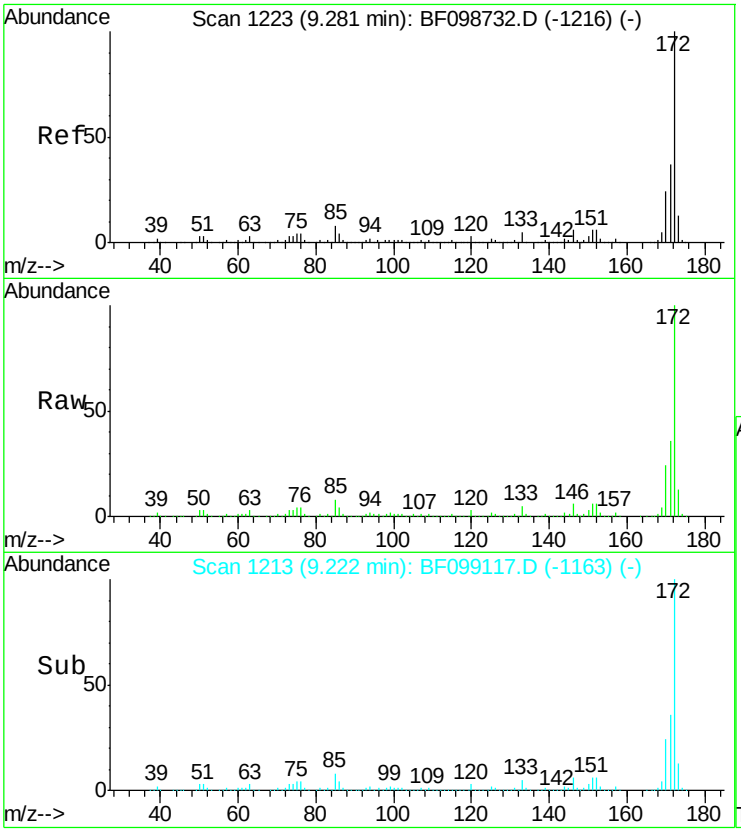


#41
2,4,6-Tribromophenol
Concen: 90.15 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:330 Resp: 204005

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	40.9	29.9	44.9



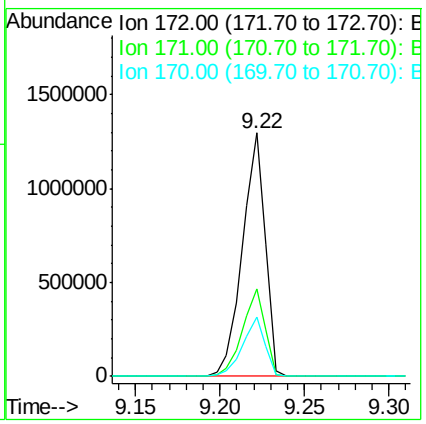


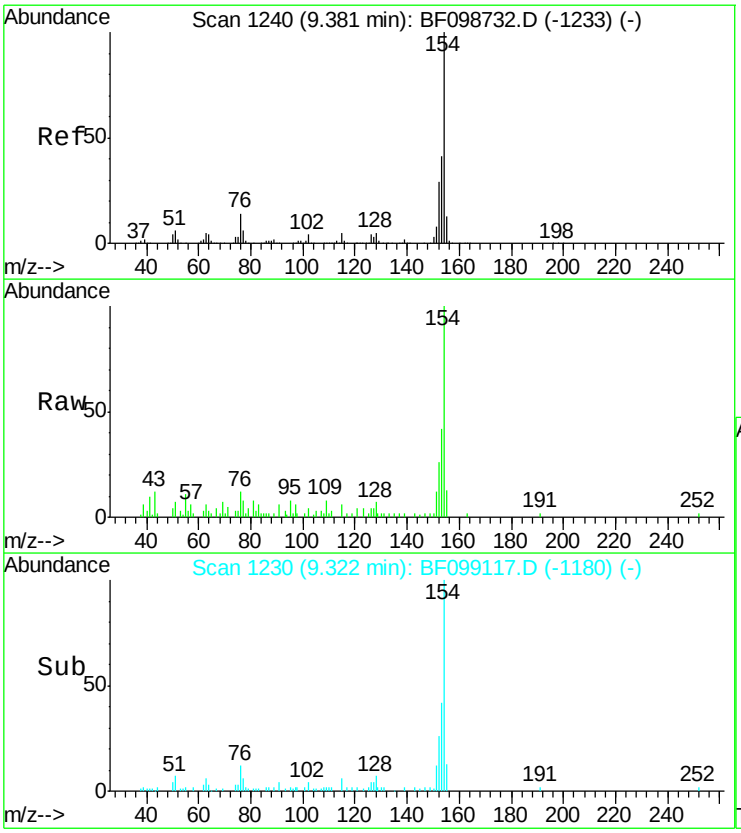
#44
2-Fluorobiphenyl
Concen: 74.10 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1227504

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

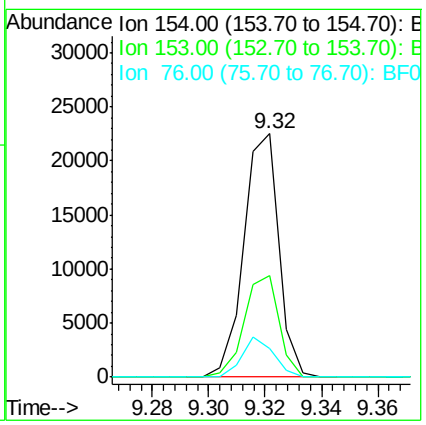


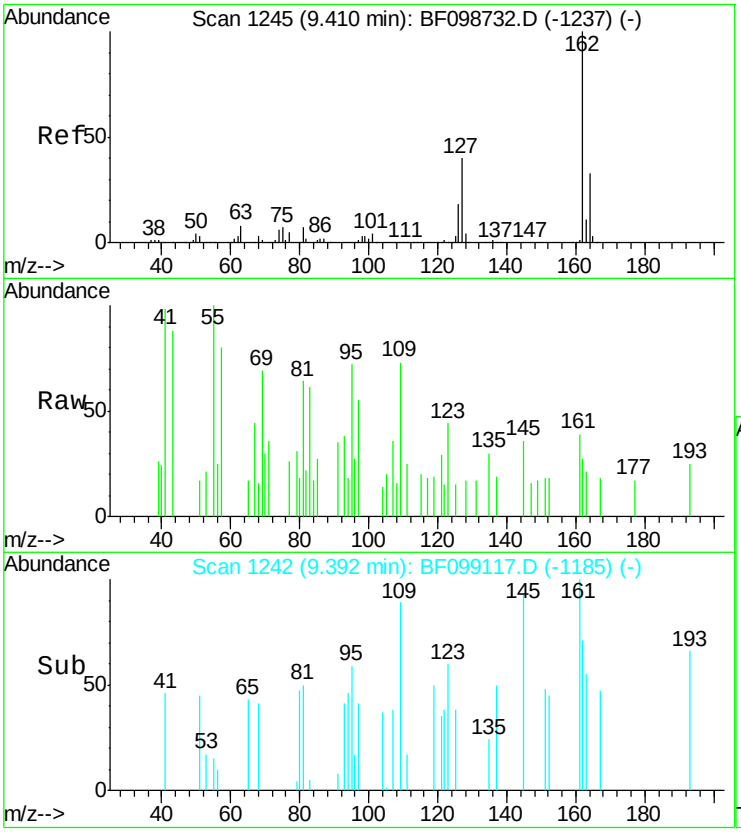


#45
1,1'-Biphenyl
Concen: 0.81 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:154 Resp: 19336

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	11.9	0.0	34.0



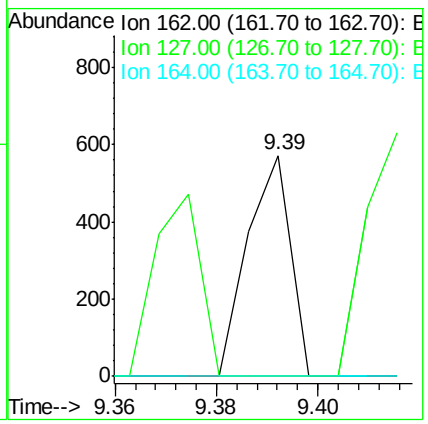


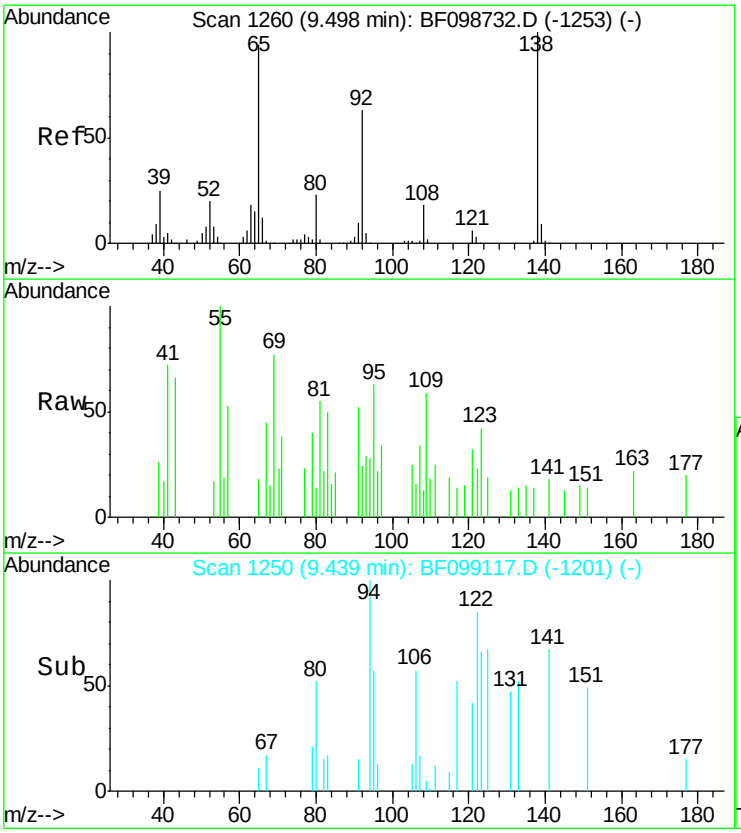
#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.04 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 335

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	0.0	26.5	39.7#

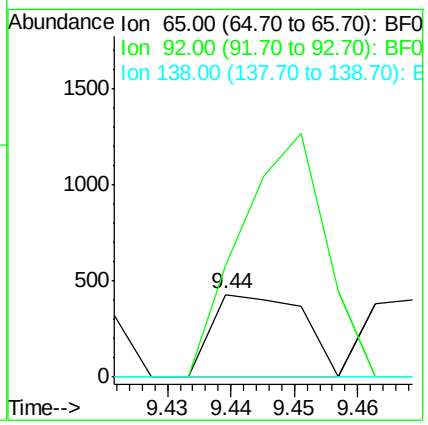


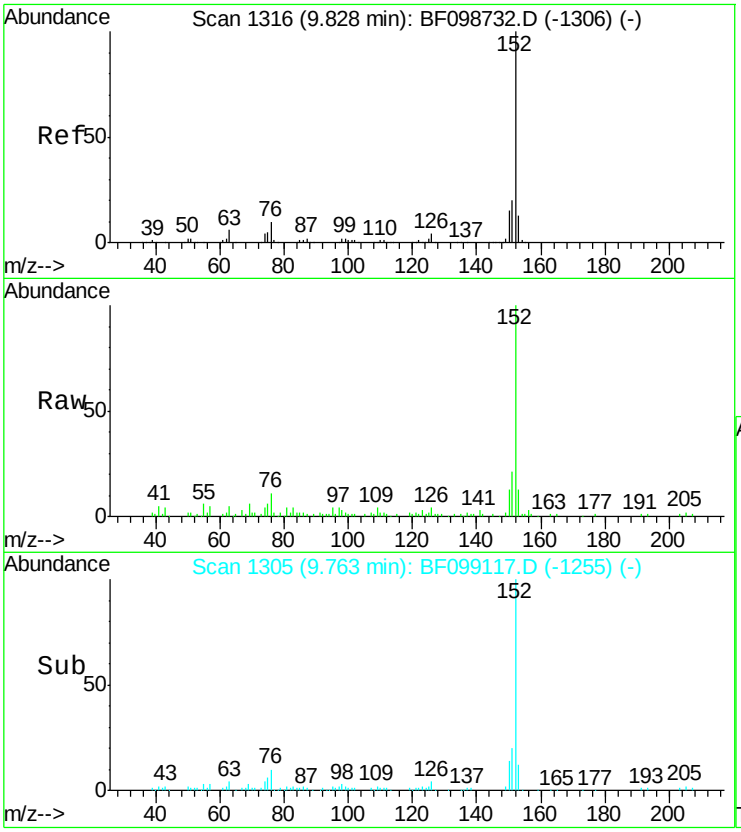


#47
2-Nitroaniline
Concen: 0.08 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion: 65 Resp: 424

Ion	Ratio	Lower	Upper
65	100		
92	135.3	55.8	83.6#
138	0.0	91.2	136.8#



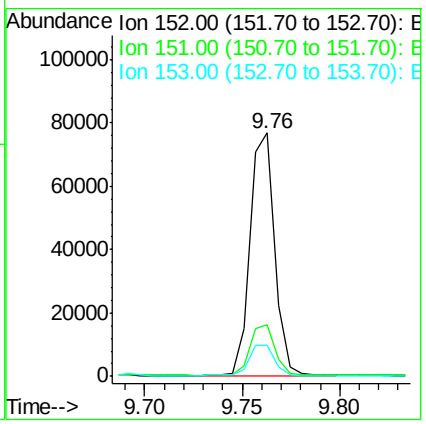


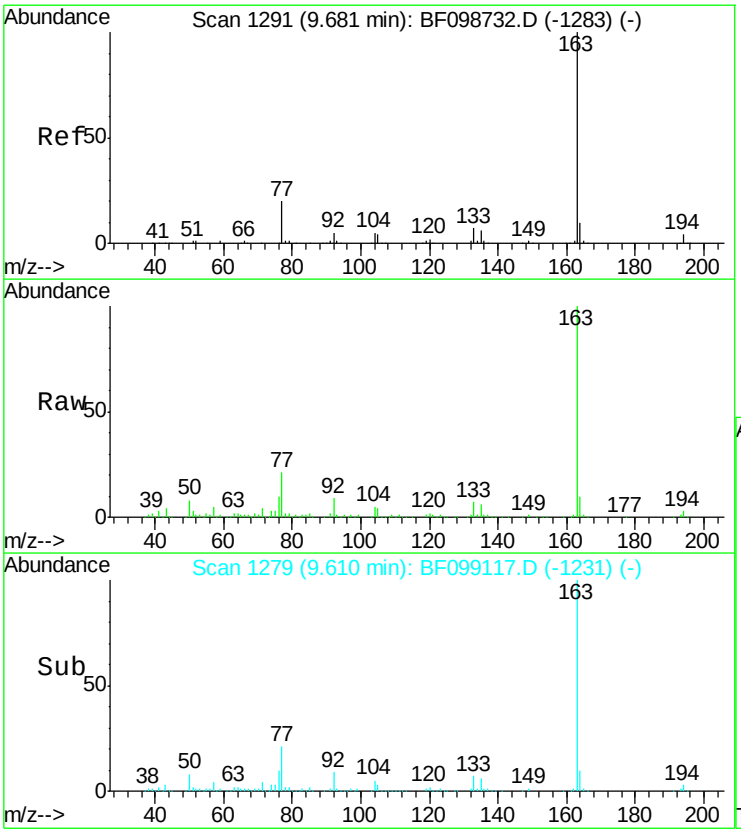
#48
Acenaphthylene
Concen: 2.48 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67855

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	12.8	10.7	16.1

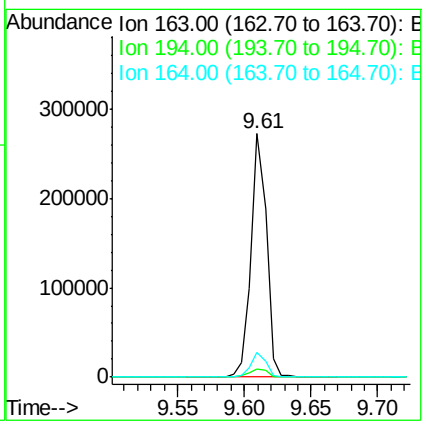


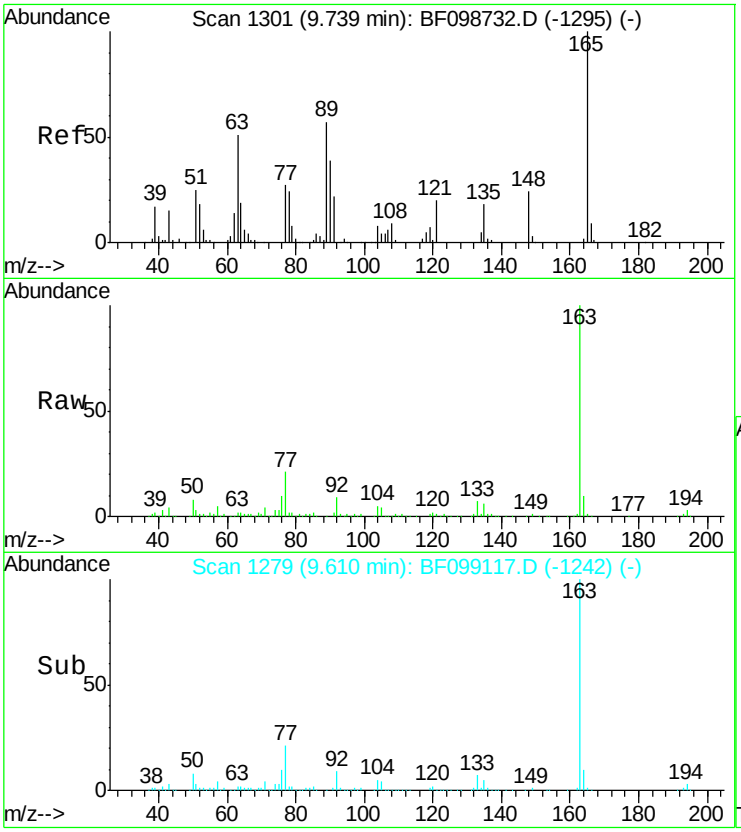


#49
Dimethylphthalate
Concen: 10.22 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:163 Resp: 213306

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



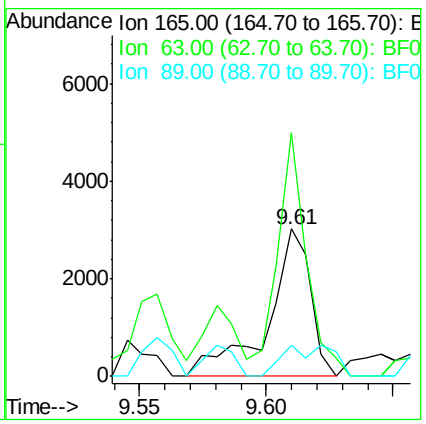


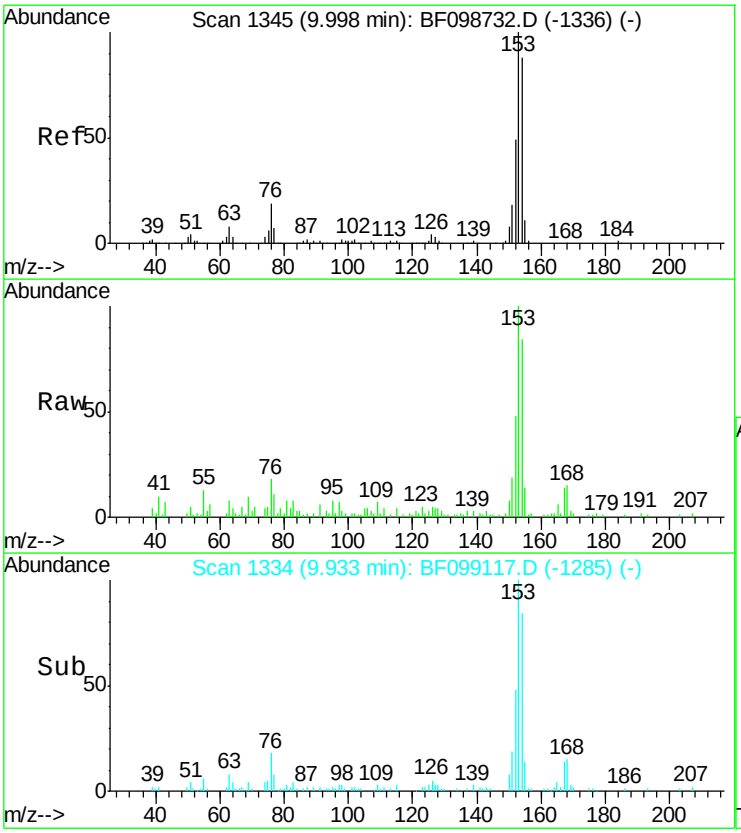
#50
2,6-Dinitrotoluene
Concen: 0.79 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 3572

Ion	Ratio	Lower	Upper
165	100		
63	165.3	44.7	67.1#
89	21.3	44.0	66.0#

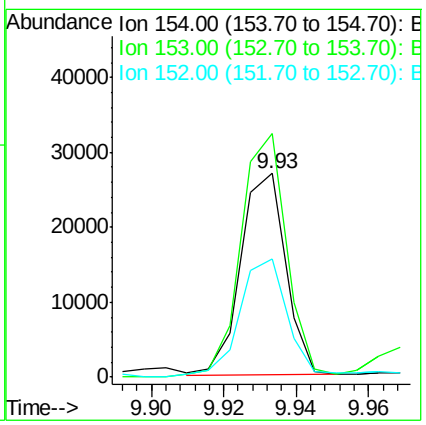


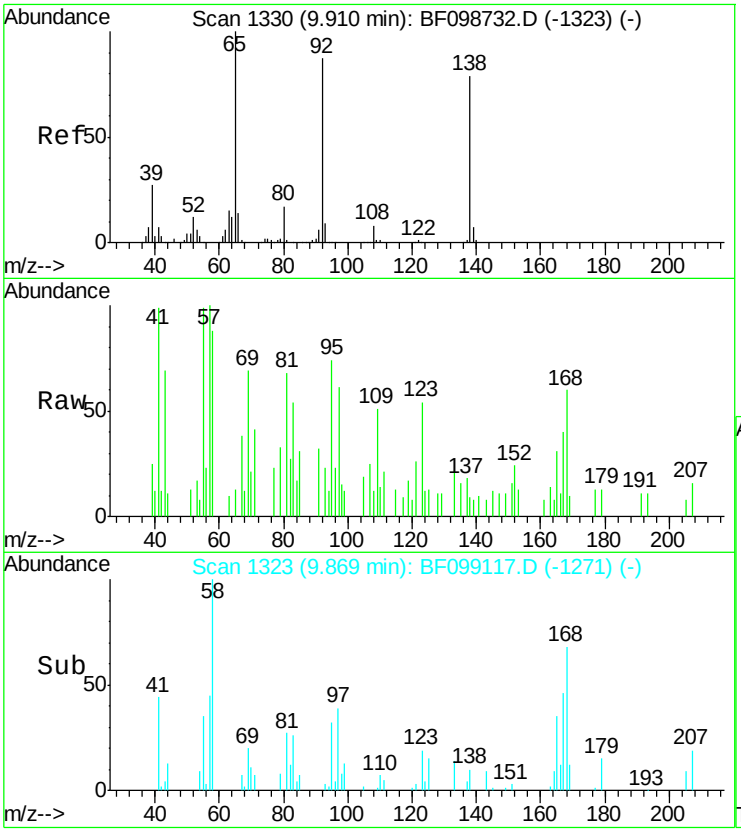


#51
Acenaphthene
Concen: 1.34 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:154 Resp: 23261

Ion	Ratio	Lower	Upper
154	100		
153	119.7	91.2	136.8
152	57.9	43.8	65.8



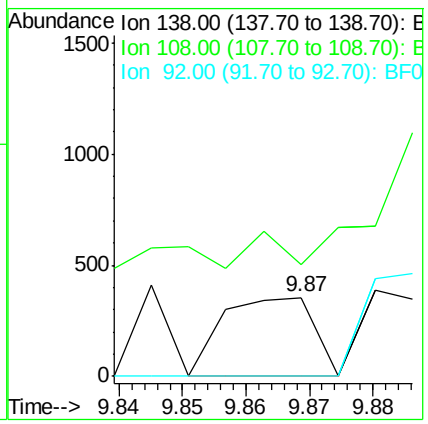


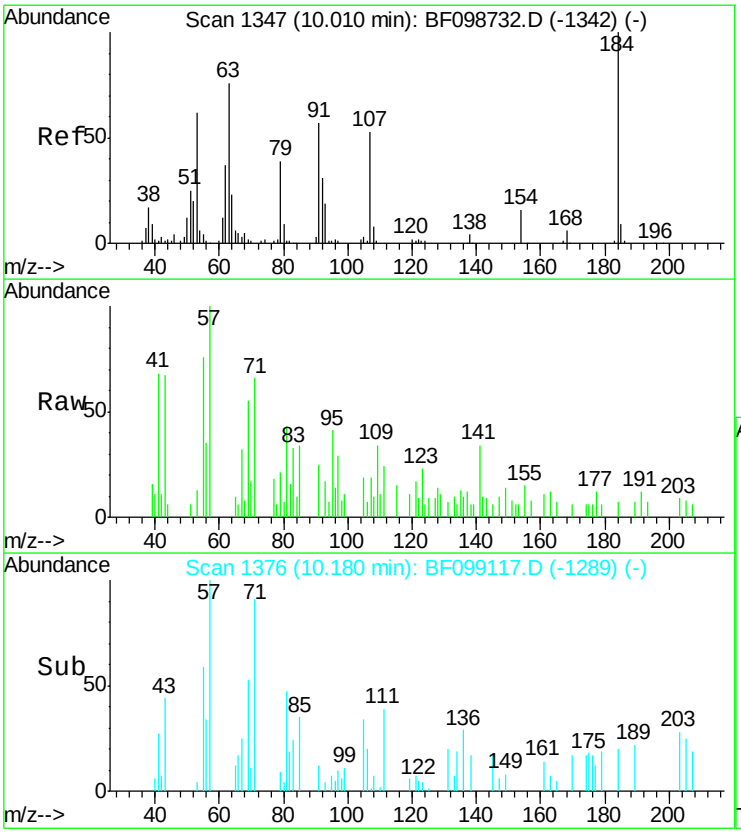
#52
3-Nitroaniline
Concen: 0.07 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 351

Ion	Ratio	Lower	Upper
138	100		
108	141.1	9.4	14.0#
92	0.0	89.4	134.2#

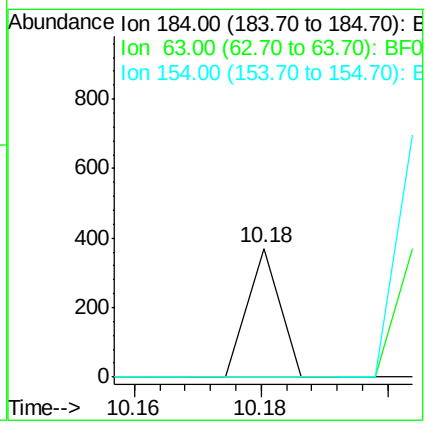


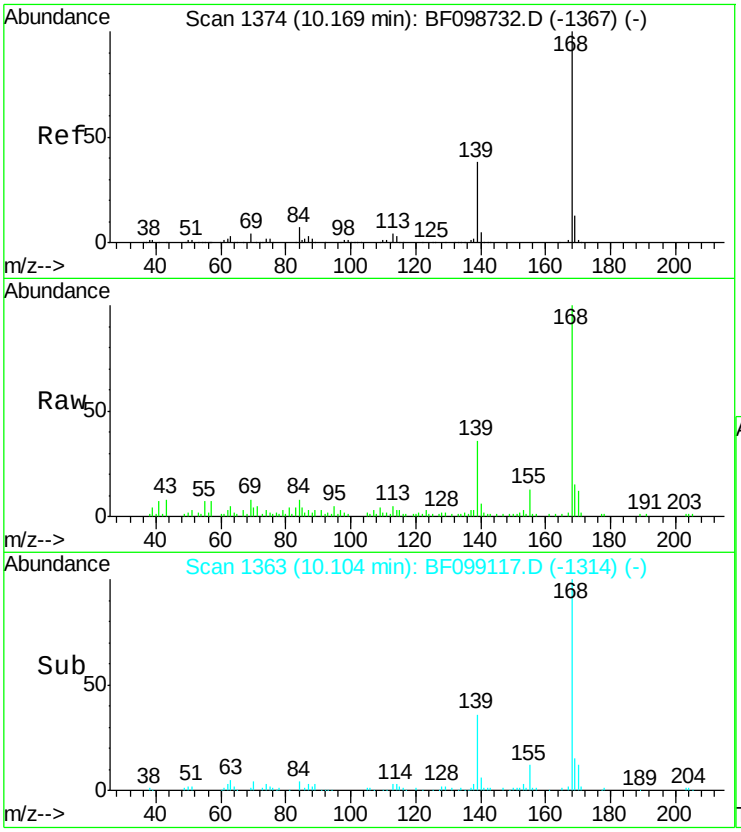


#53
2,4-Dinitrophenol
Concen: 5.88 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.21 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:184 Resp: 131

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	53.5	80.3#



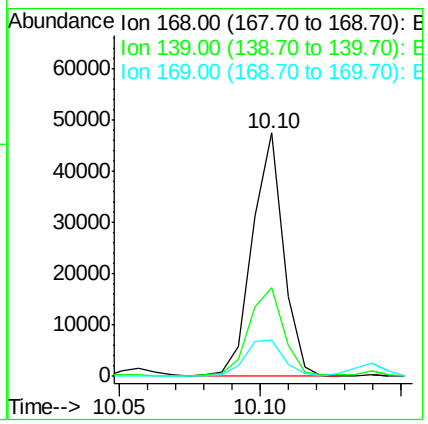


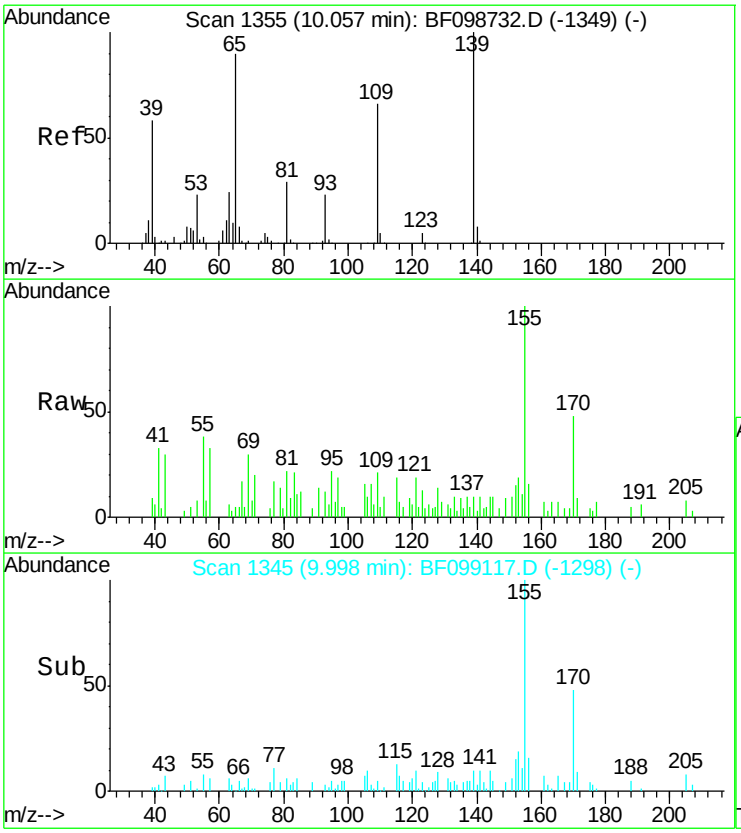
#54
Dibenzofuran
Concen: 1.58 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 36444

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	14.9	10.9	16.3

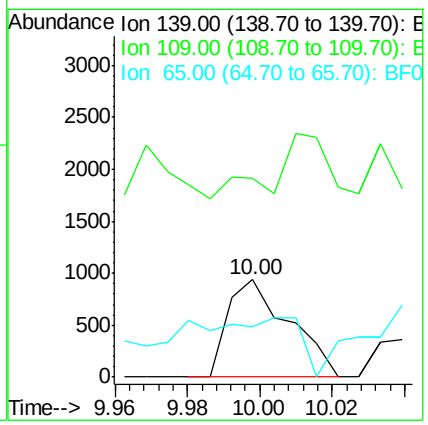


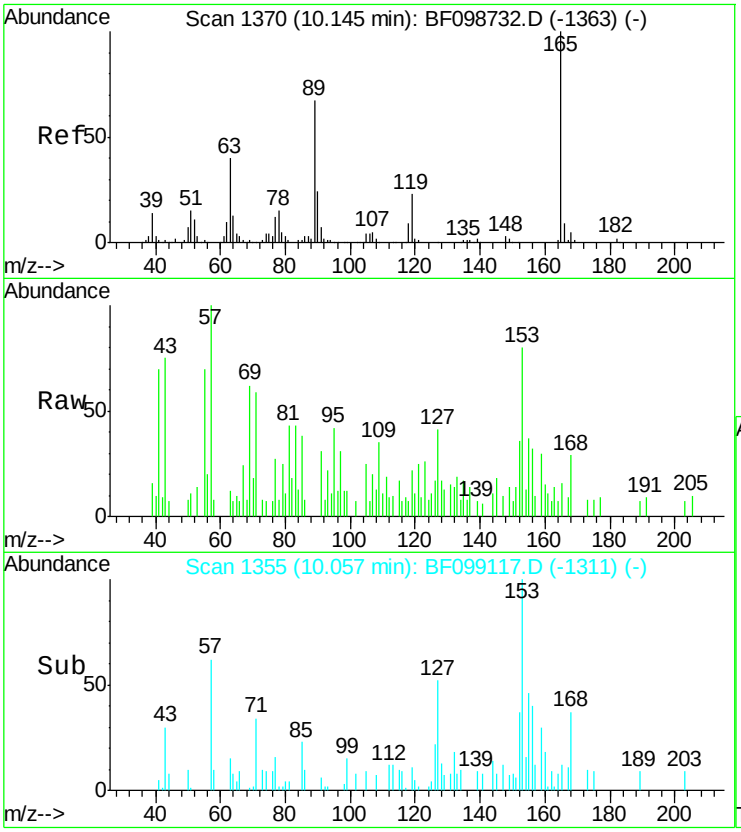


#55
4-Nitrophenol
Concen: 0.25 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:139 Resp: 1099

Ion	Ratio	Lower	Upper
139	100		
109	203.9	48.4	88.4#
65	52.0	72.6	112.6#



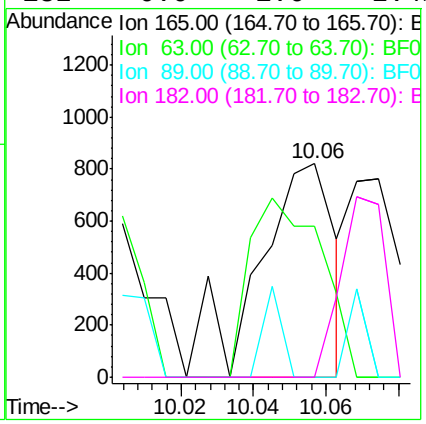


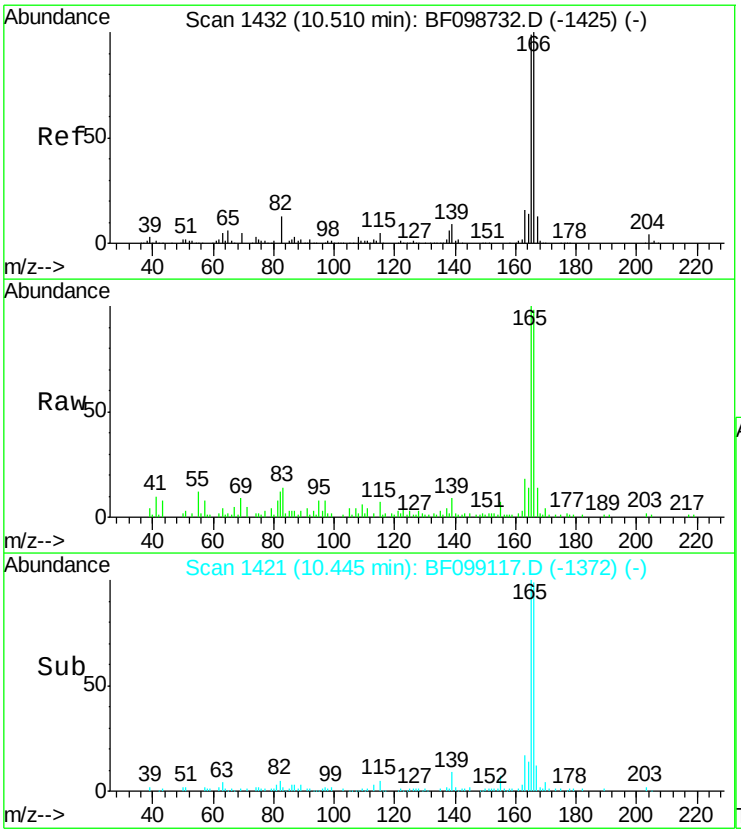
#56
2,4-Dinitrotoluene
Concen: 0.20 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1209

Ion	Ratio	Lower	Upper
165	100		
63	70.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

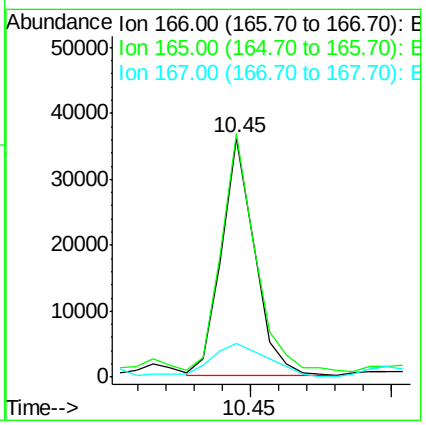


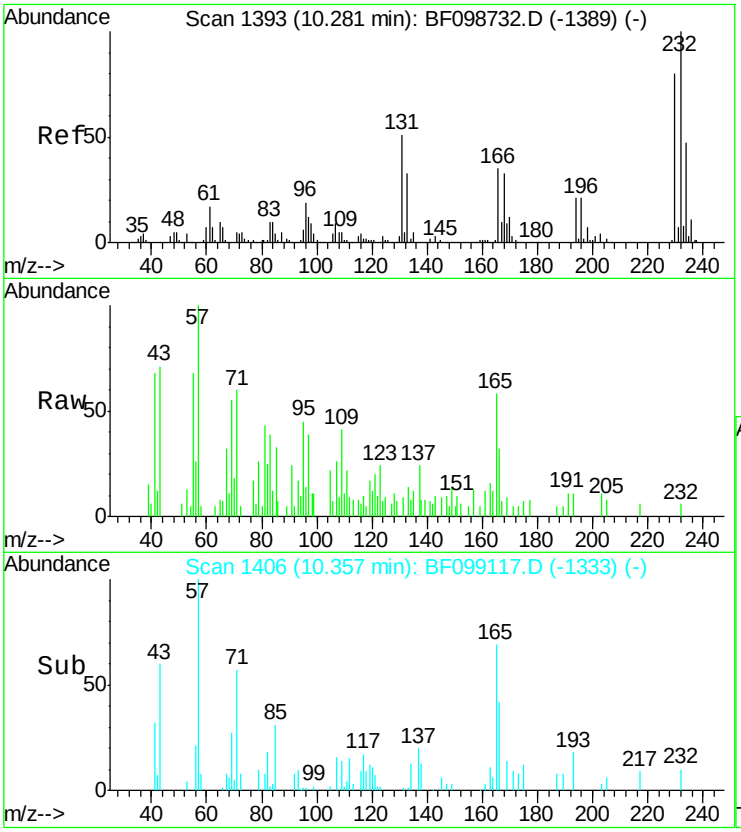


#57
Fluorene
Concen: 1.58 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:166 Resp: 29281

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.8	119.8
167	14.0	10.6	16.0



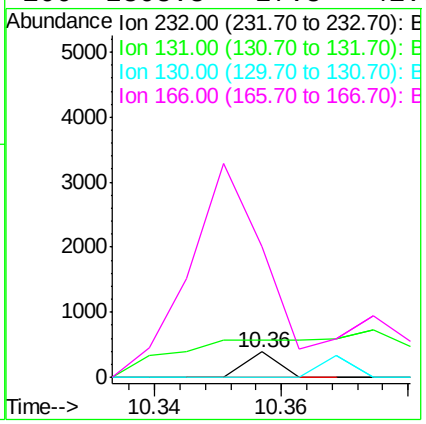


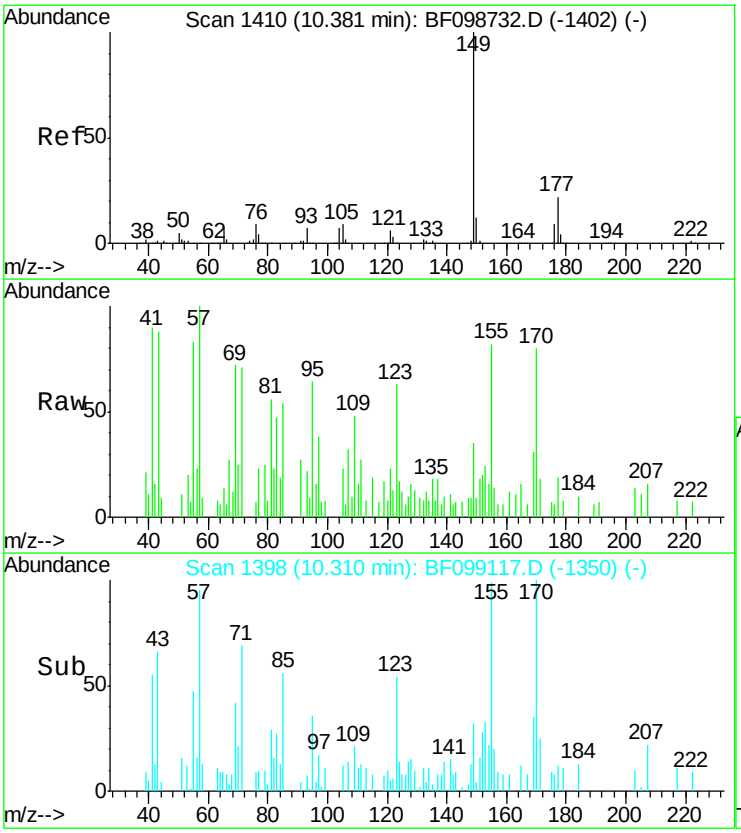
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.03 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.13 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 137

Ion	Ratio	Lower	Upper
232	100		
131	0.0	43.8	65.8#
130	0.0	2.1	3.1#
166	2308.8	27.8	41.6#

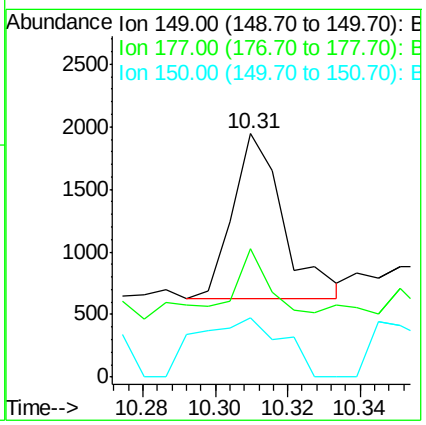


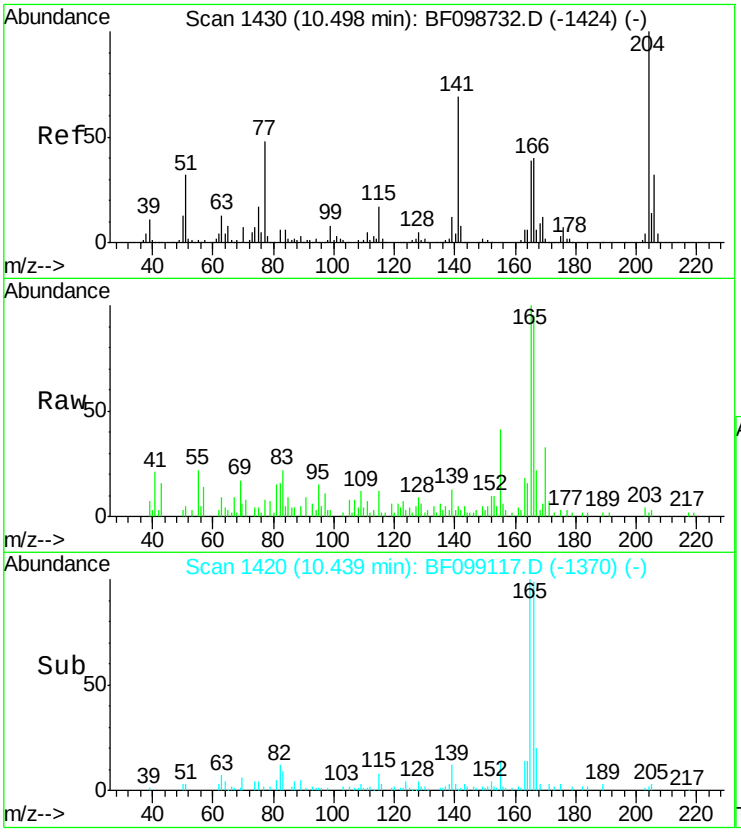


#59
Diethylphthalate
Concen: 0.06 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:149 Resp: 1283

Ion	Ratio	Lower	Upper
149	100		
177	52.8	16.1	24.1#
150	24.5	10.1	15.1#



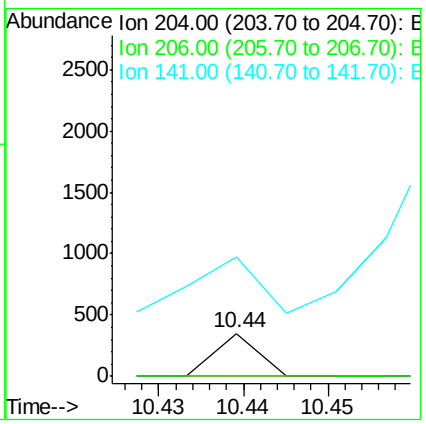


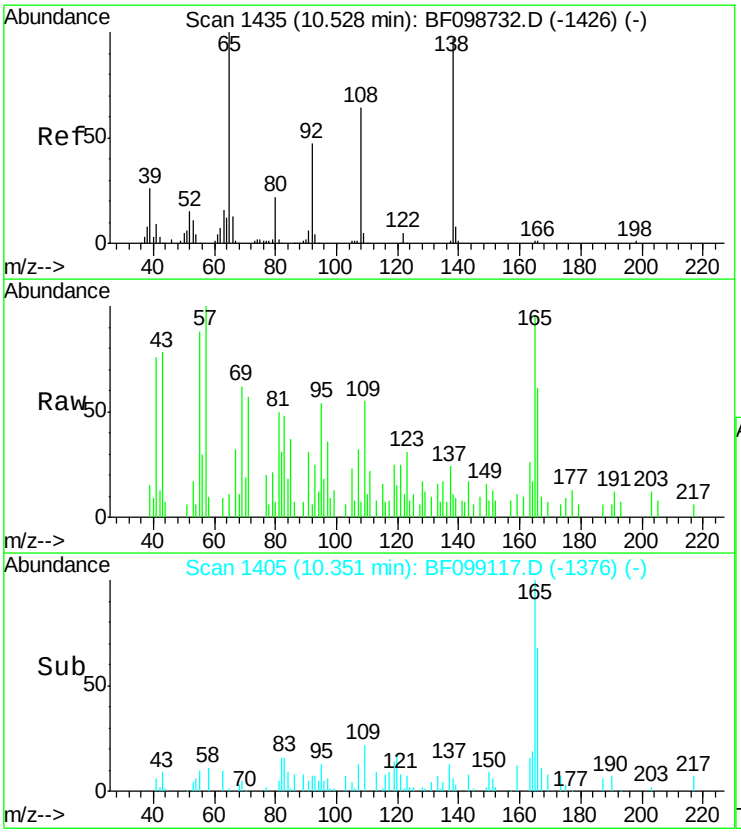
#60
4-Chlorophenyl-phenylether
Concen: 0.01 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 123

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	278.4	54.6	81.8#

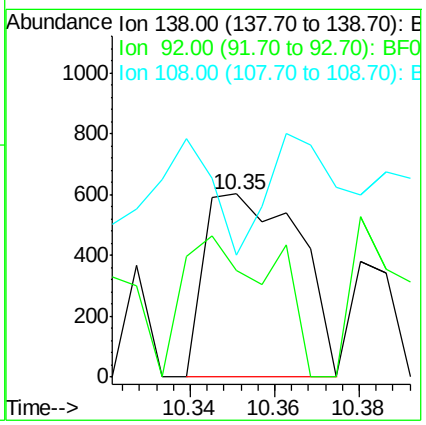


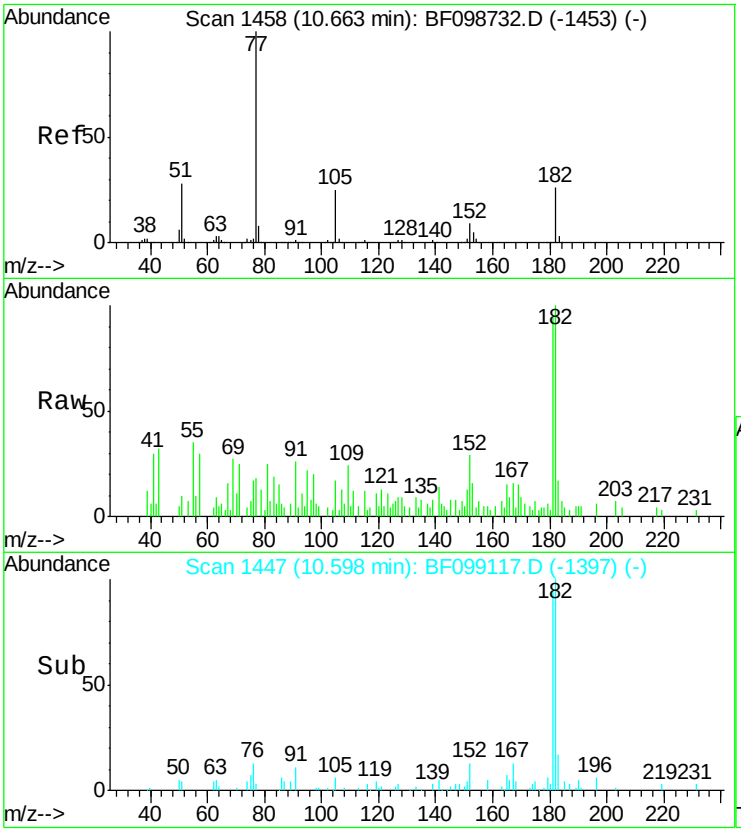


#61
4-Nitroaniline
Concen: 0.18 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.13 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:138 Resp: 941

Ion	Ratio	Lower	Upper
138	100		
92	57.9	30.2	70.2
108	66.7	52.5	92.5



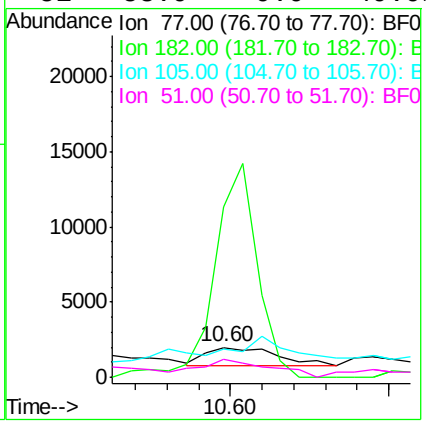


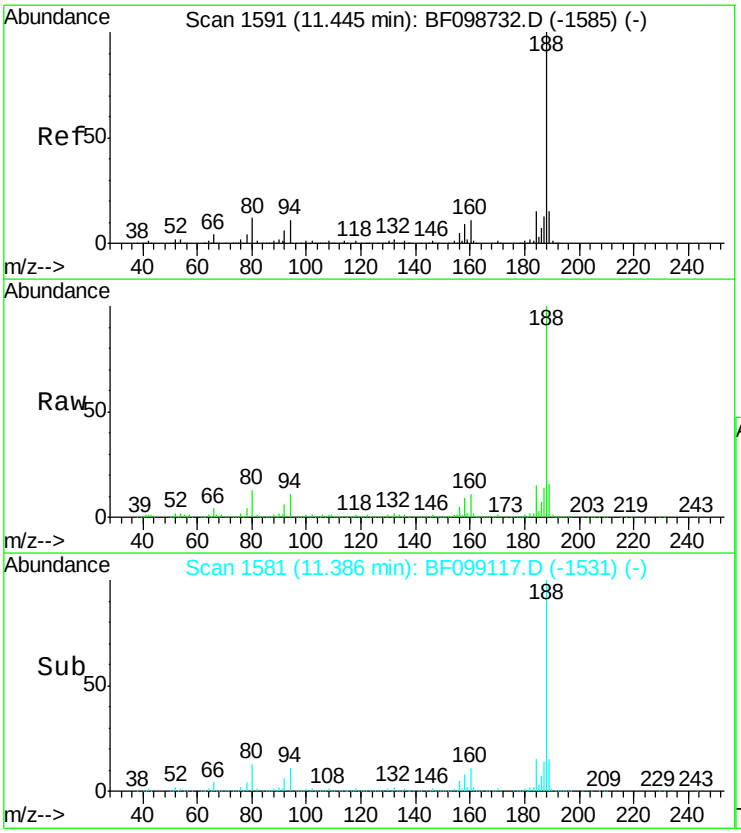
#62
Azobenzene
Concen: 0.10 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1813

Ion	Ratio	Lower	Upper
77	100		
182	571.3	1.7	41.7#
105	94.8	3.0	43.0#
51	58.9	9.9	49.9#

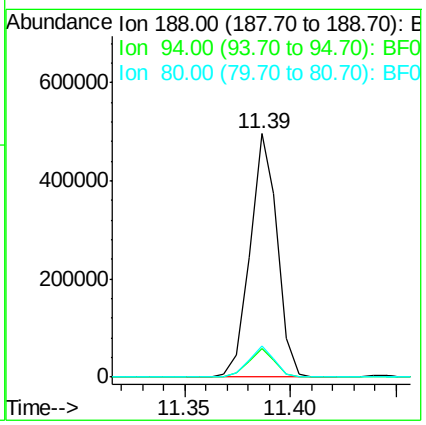


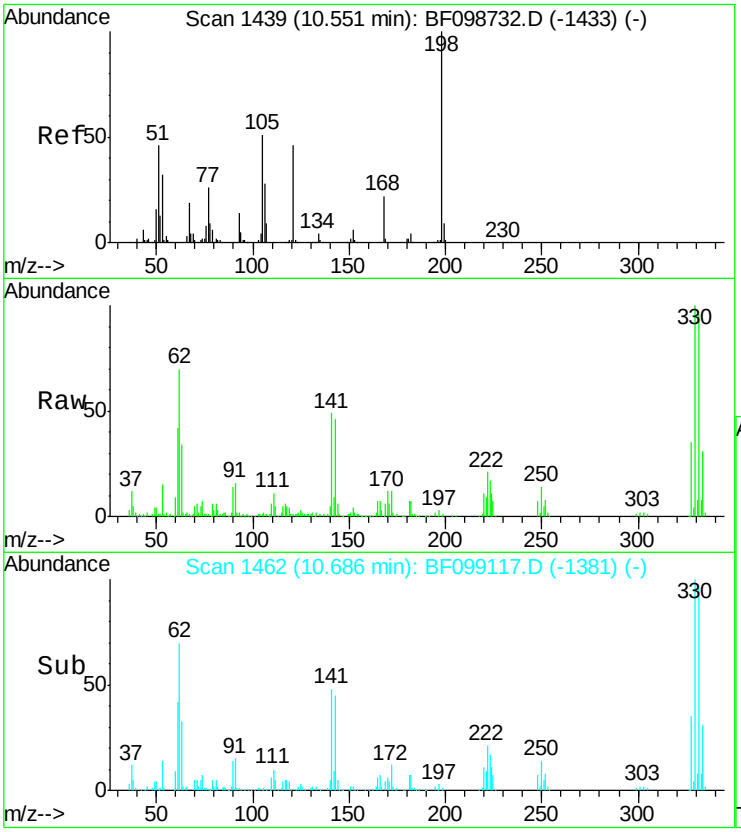


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:188 Resp: 441638

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	13.0	9.2	13.8



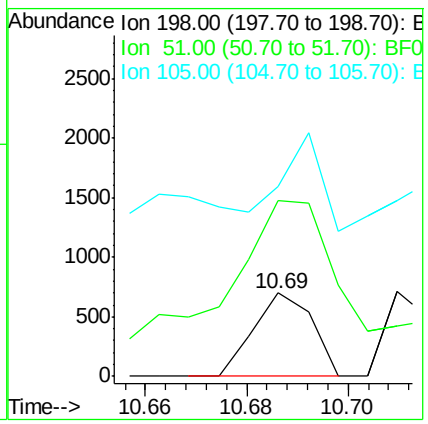


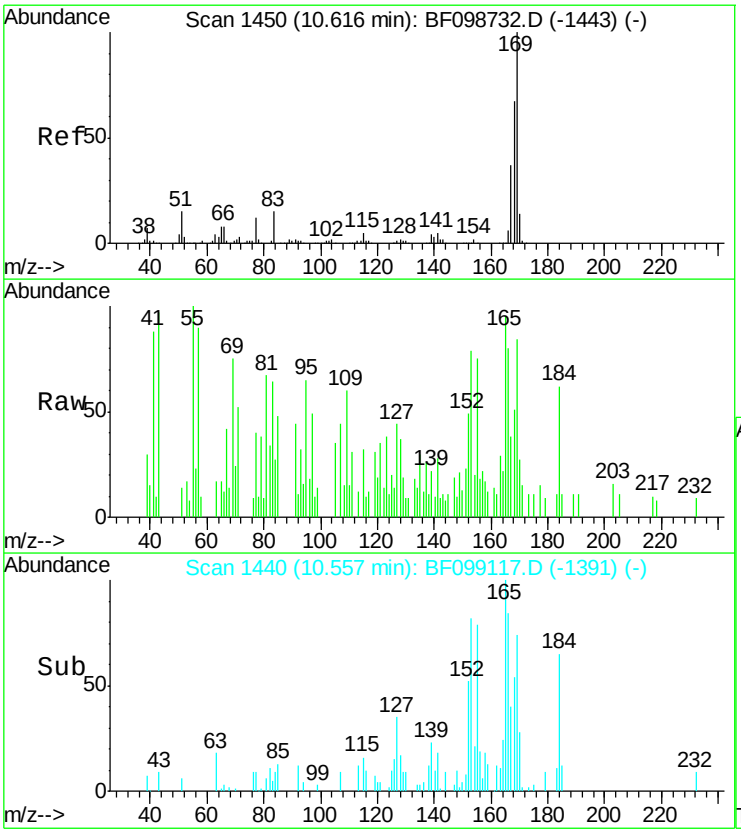
#64
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 558

Ion	Ratio	Lower	Upper
198	100		
51	210.7	37.7	77.7#
105	227.0	36.3	76.3#

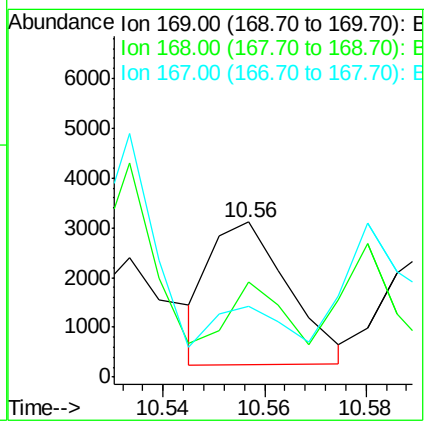


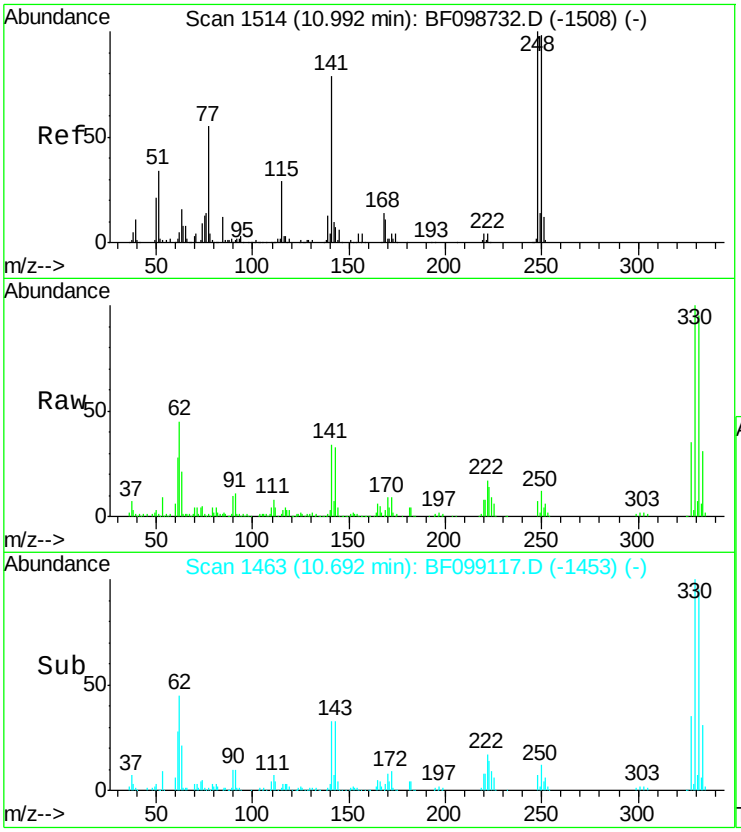


#65
n-Nitrosodiphenylamine
Concen: 0.20 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:169 Resp: 3065

Ion	Ratio	Lower	Upper
169	100		
168	61.1	54.4	81.6
167	45.7	29.8	44.6#



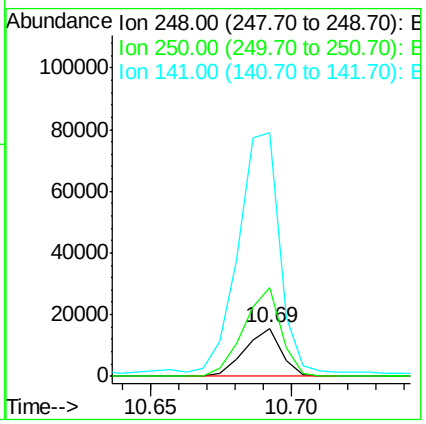


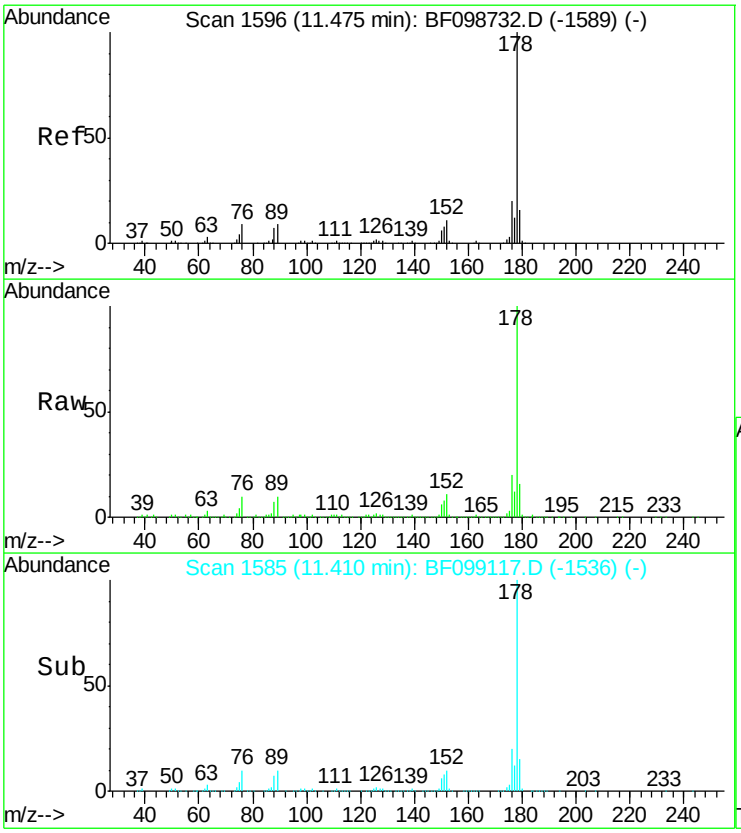
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13962

Ion	Ratio	Lower	Upper
248	100		
250	183.8	76.9	115.3#
141	504.0	74.4	111.6#

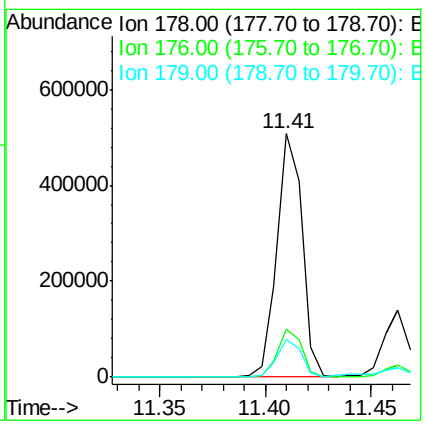


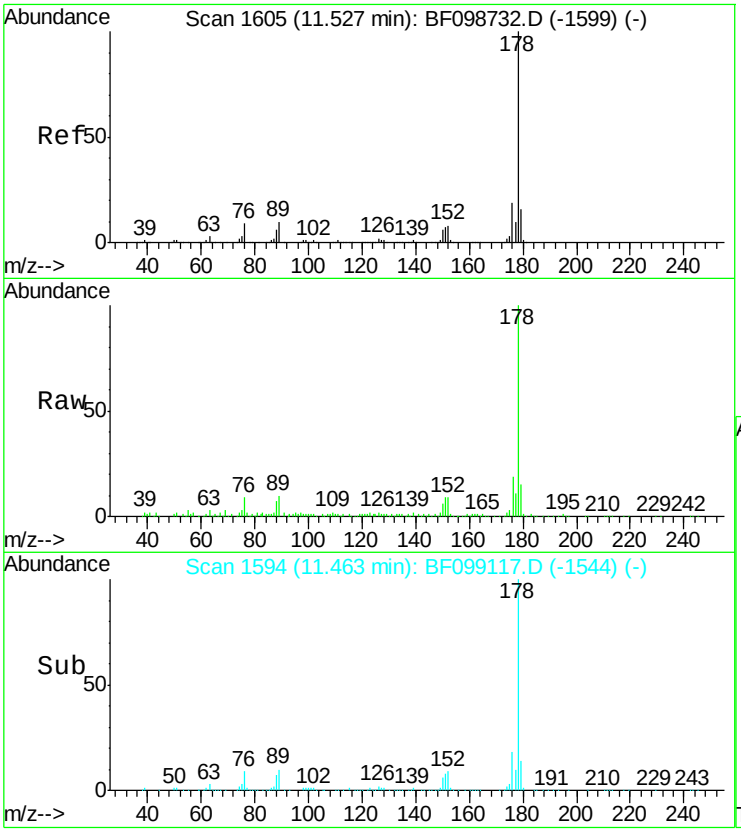


#70
Phenanthrene
Concen: 17.89 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:178 Resp: 422952

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.6	13.0	19.6



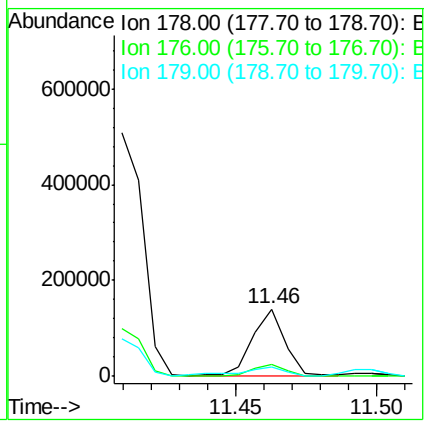


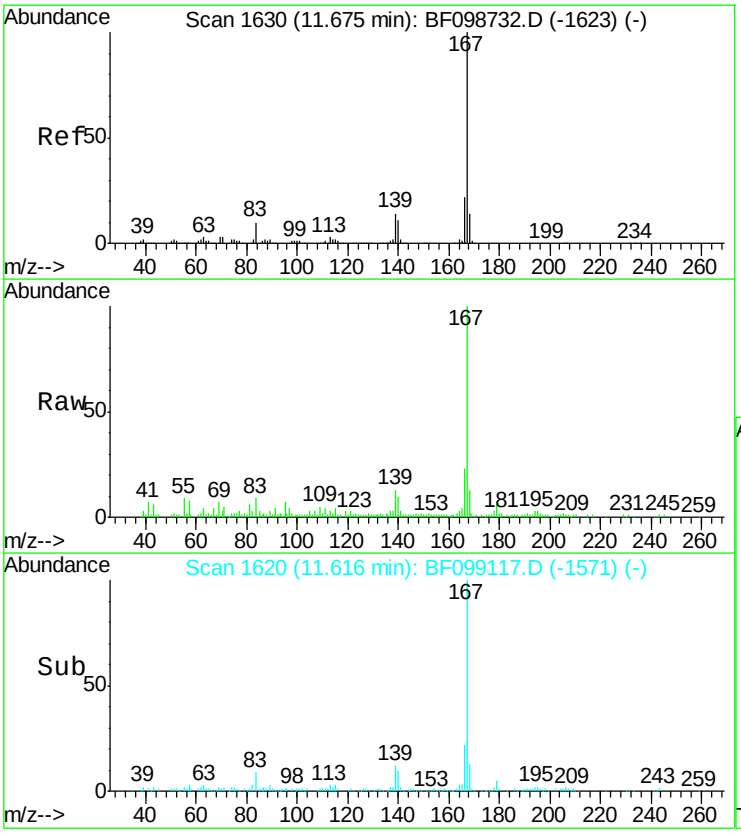
#71
Anthracene
Concen: 4.52 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109392

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.7	12.6	19.0

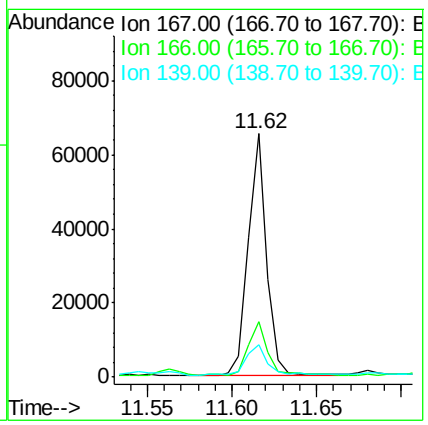


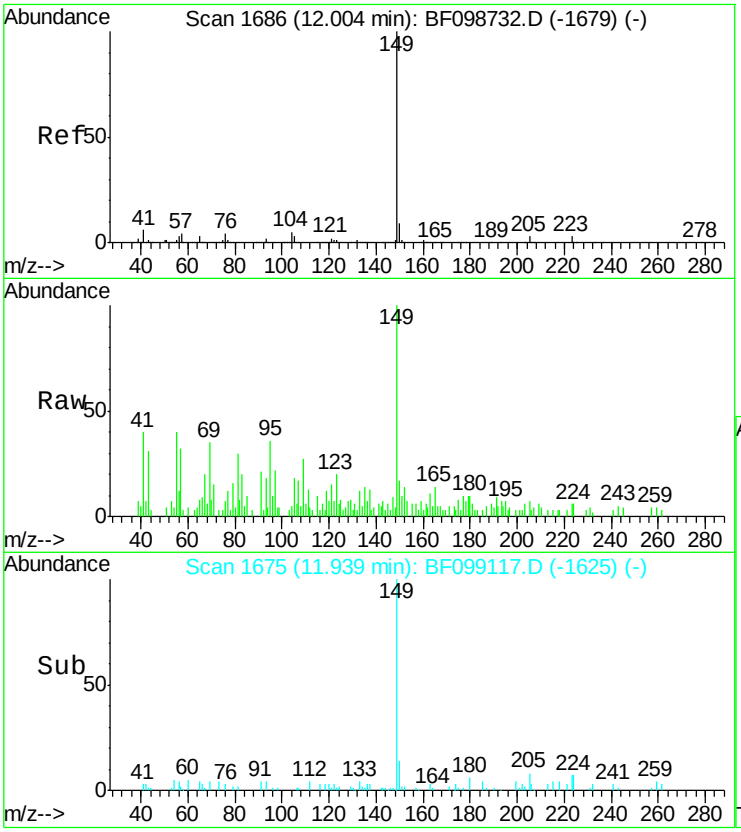


#72
Carbazole
Concen: 2.11 ng
RT: 11.62 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:167 Resp: 49965

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3



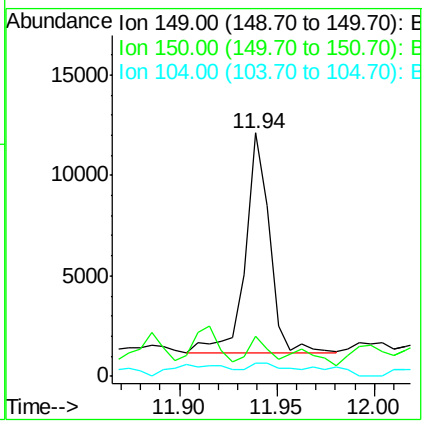


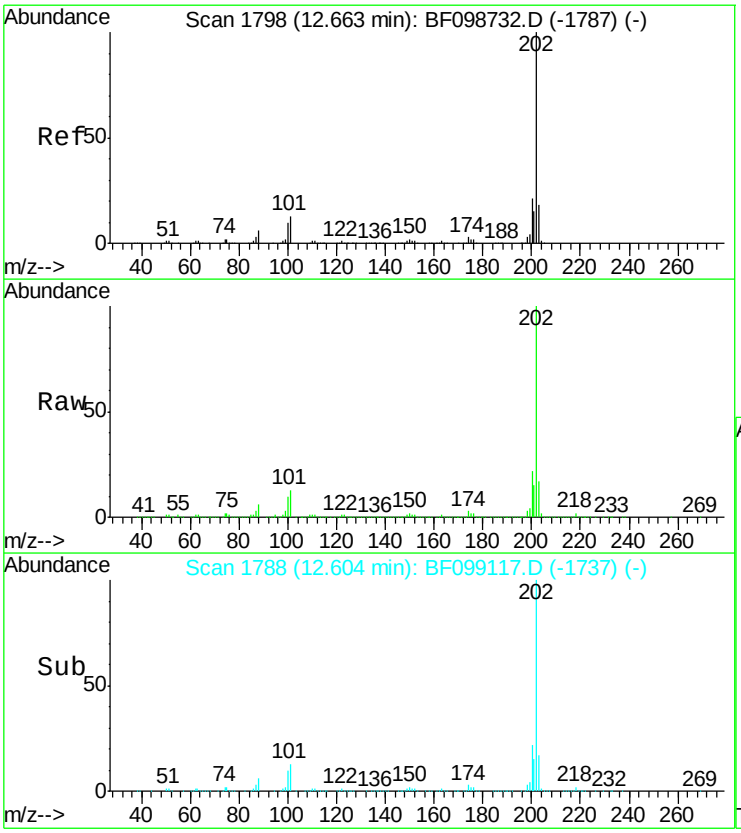
#73
Di-n-butylphthalate
Concen: 0.33 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 9461

Ion	Ratio	Lower	Upper
149	100		
150	16.6	7.8	11.6#
104	5.5	3.8	5.8

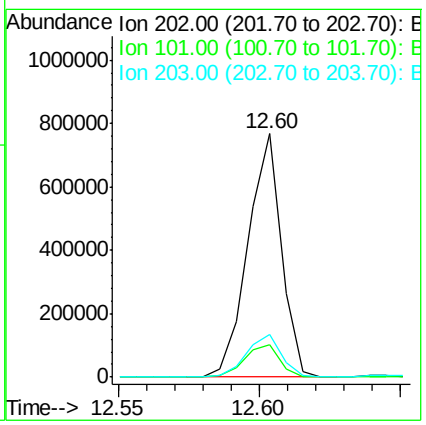


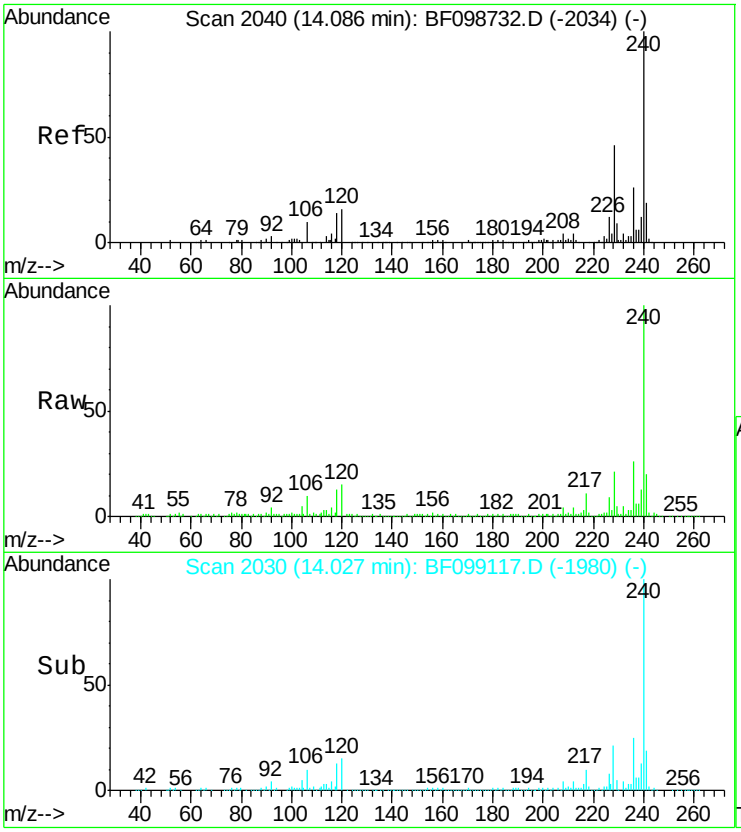


#74
Fluoranthene
Concen: 26.32 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:202 Resp: 630042

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.5	0.0	38.1



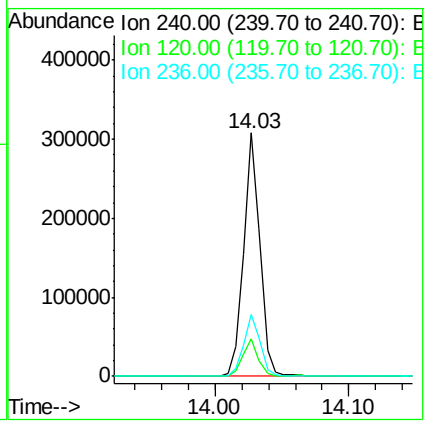


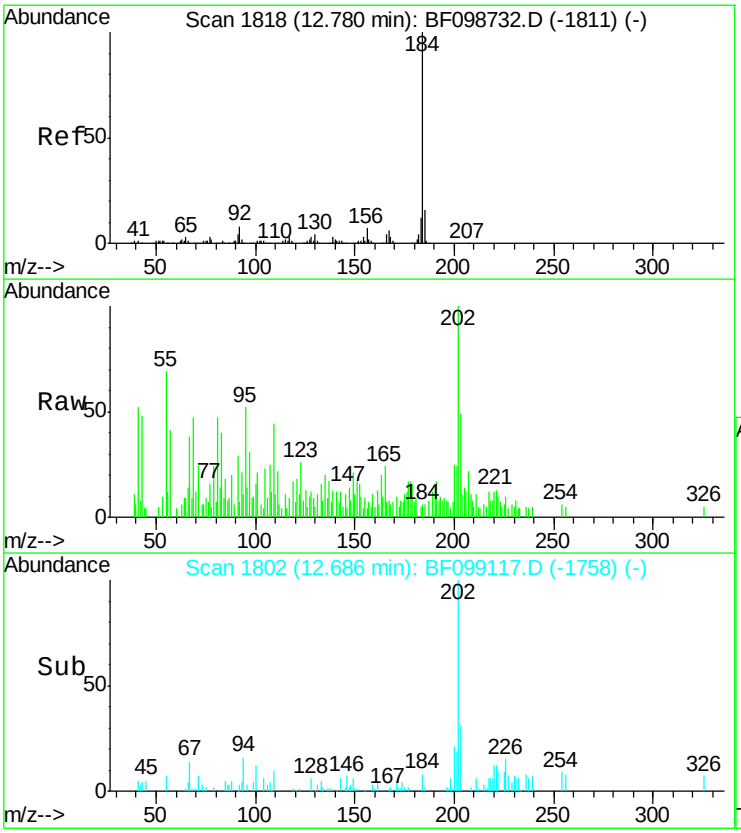
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 261417

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.6	20.7	31.1

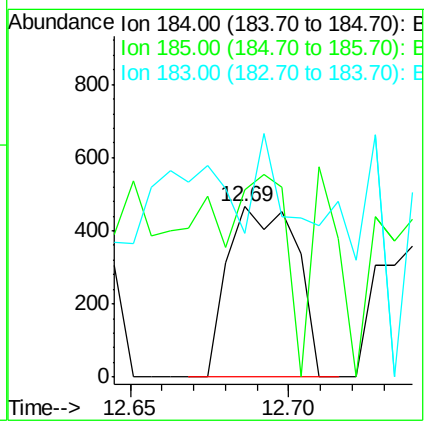


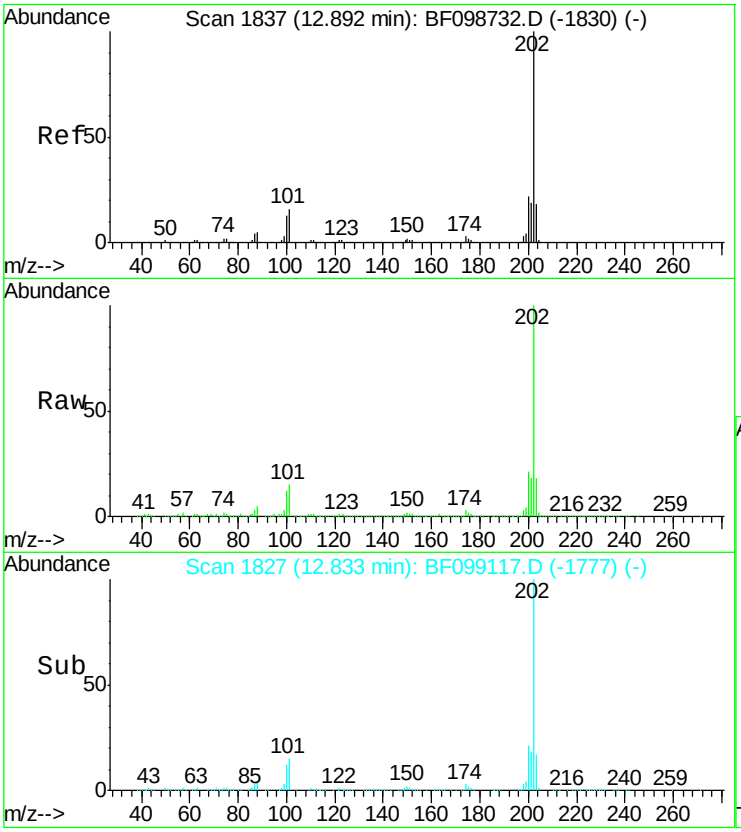


#76
Benzidine
Concen: 0.07 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.04 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:184 Resp: 695

Ion	Ratio	Lower	Upper
184	100		
185	110.1	12.6	18.8#
183	84.5	9.3	13.9#



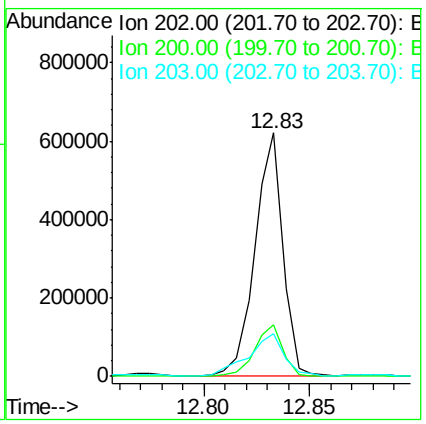


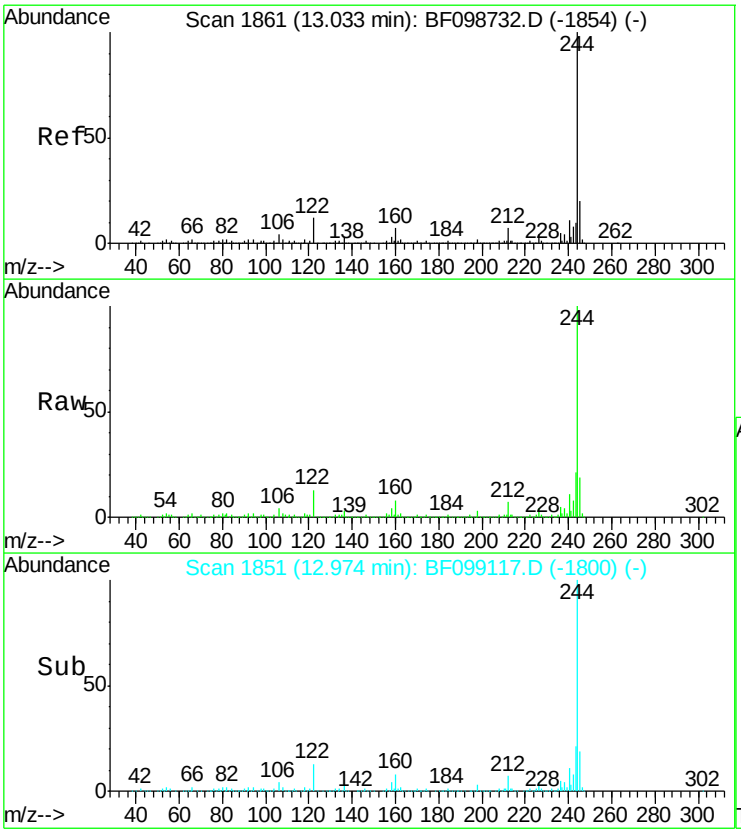
#77
Pyrene
Concen: 28.55 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 569151

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5

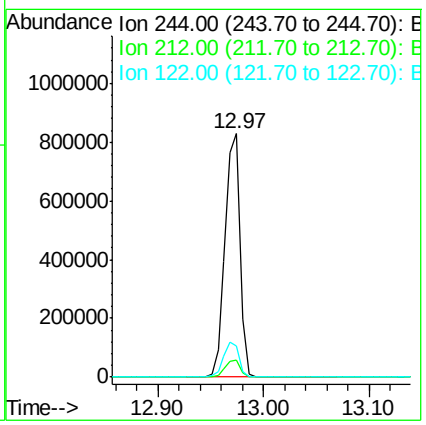


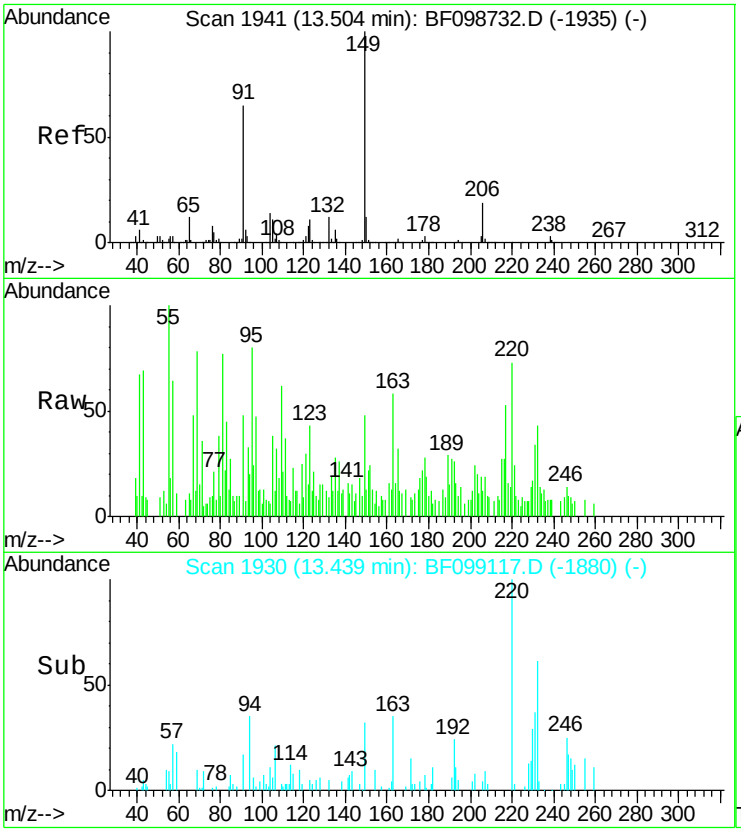


#78
Terphenyl-d14
Concen: 71.05 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:244 Resp: 816712

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4



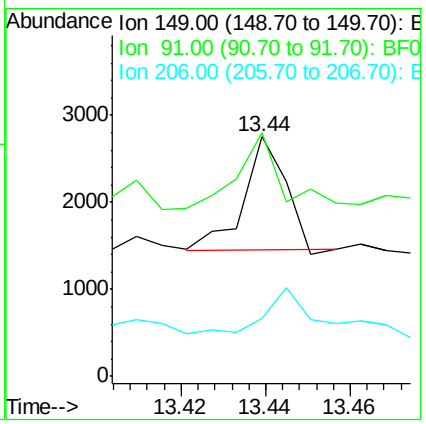


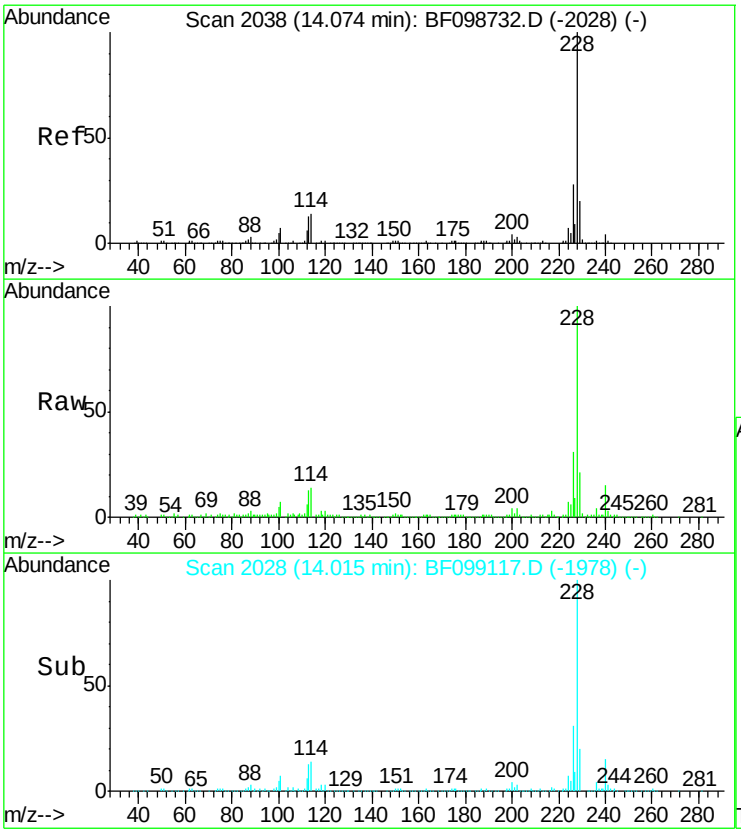
#79
Butylbenzylphthalate
Concen: 0.09 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 890

Ion	Ratio	Lower	Upper
149	100		
91	101.8	56.8	85.2#
206	24.5	14.1	21.1#

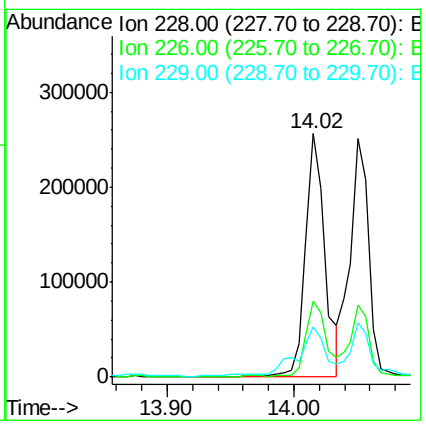


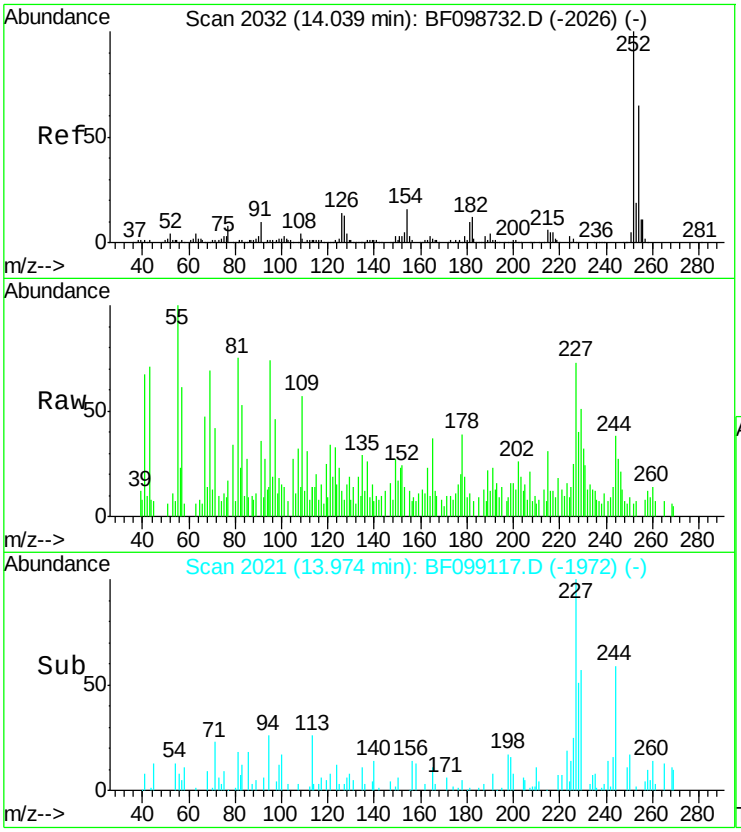


#80
Benzo(a)anthracene
Concen: 17.16 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:228 Resp: 271710

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	20.9	15.8	23.6



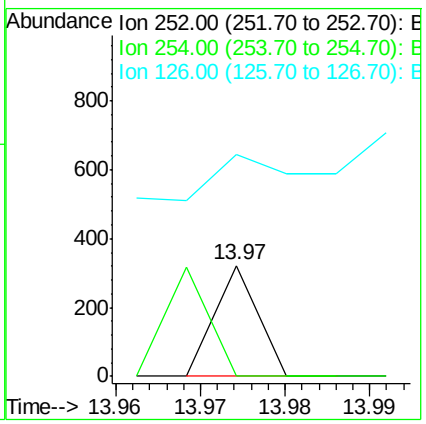


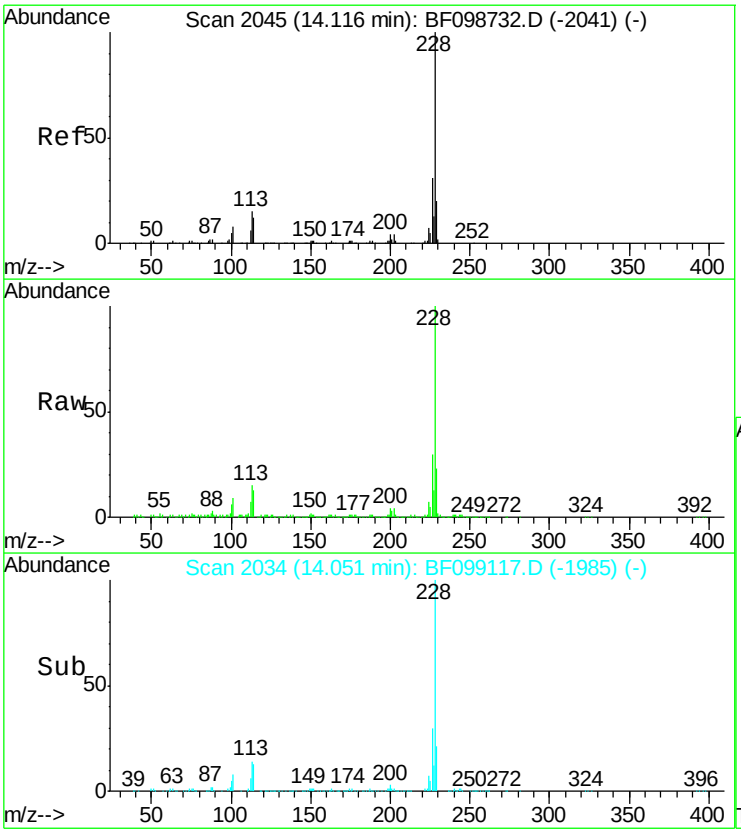
#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 113

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	200.9	11.3	16.9#

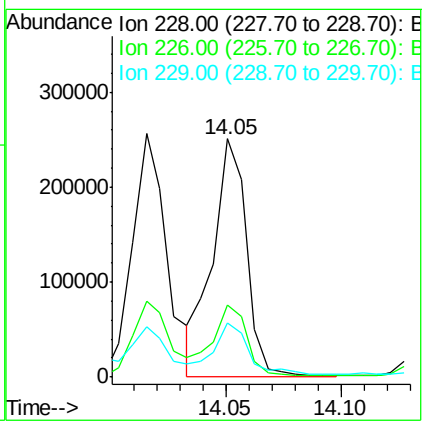


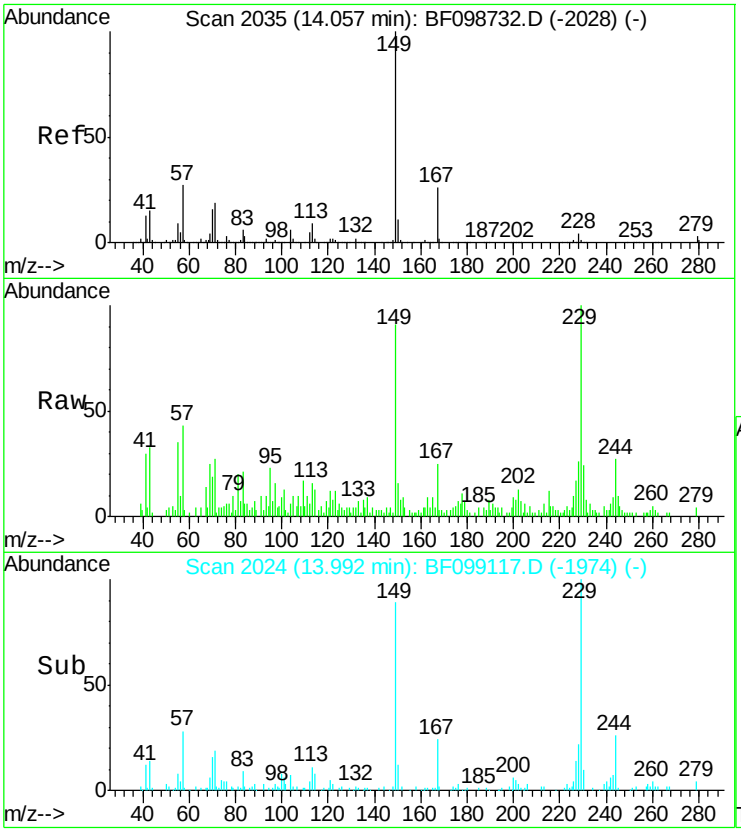


#82
Chrysene
Concen: 16.93 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:228 Resp: 255173

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.5	16.2	24.4



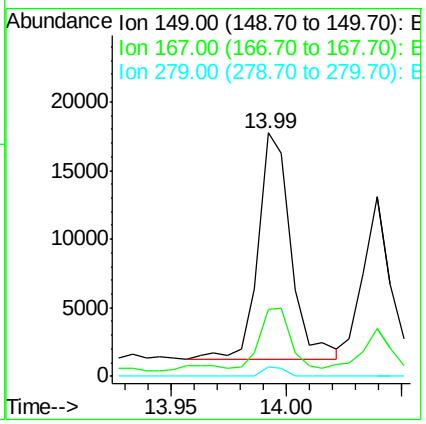


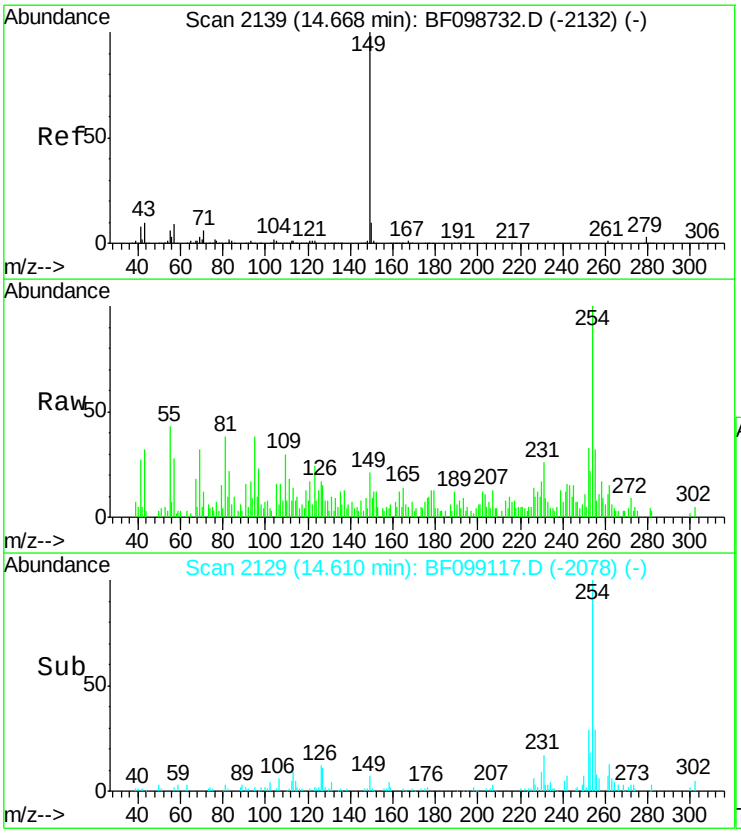
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.26 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16292

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.0	3.0	4.4

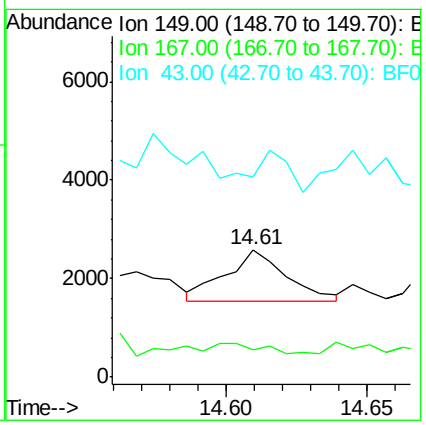


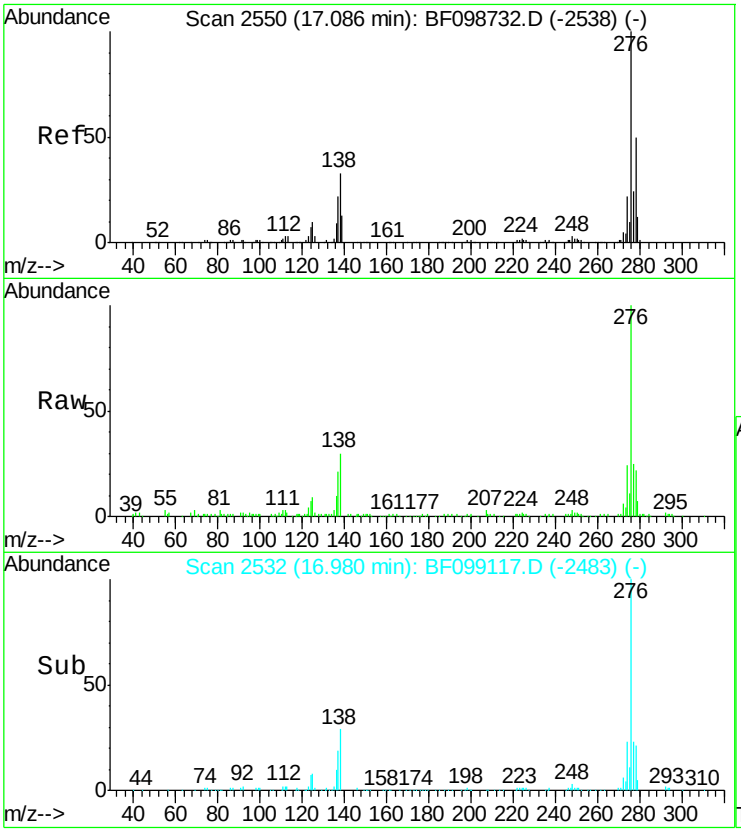


#84
Di-n-octyl phthalate
Concen: 0.08 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:149 Resp: 1568

Ion	Ratio	Lower	Upper
149	100		
167	22.2	1.2	1.8#
43	33.8	8.4	12.6#



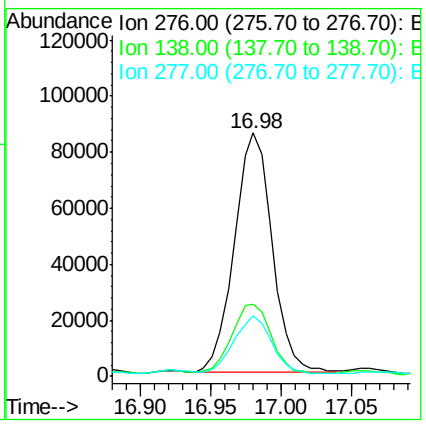


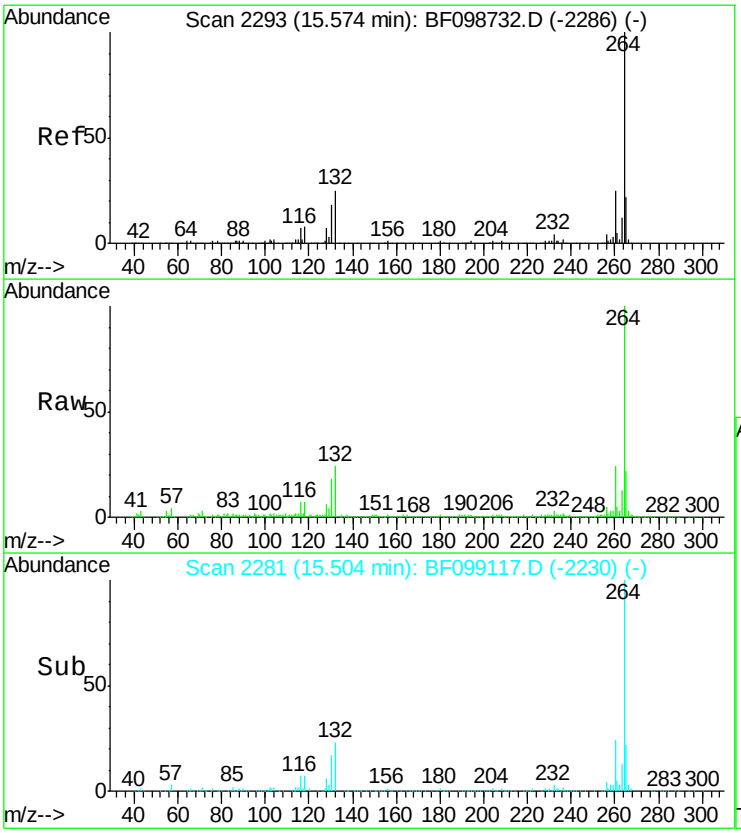
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.35 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 160925

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.2	20.1	30.1

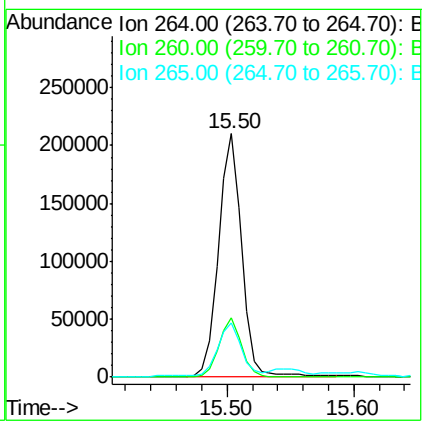


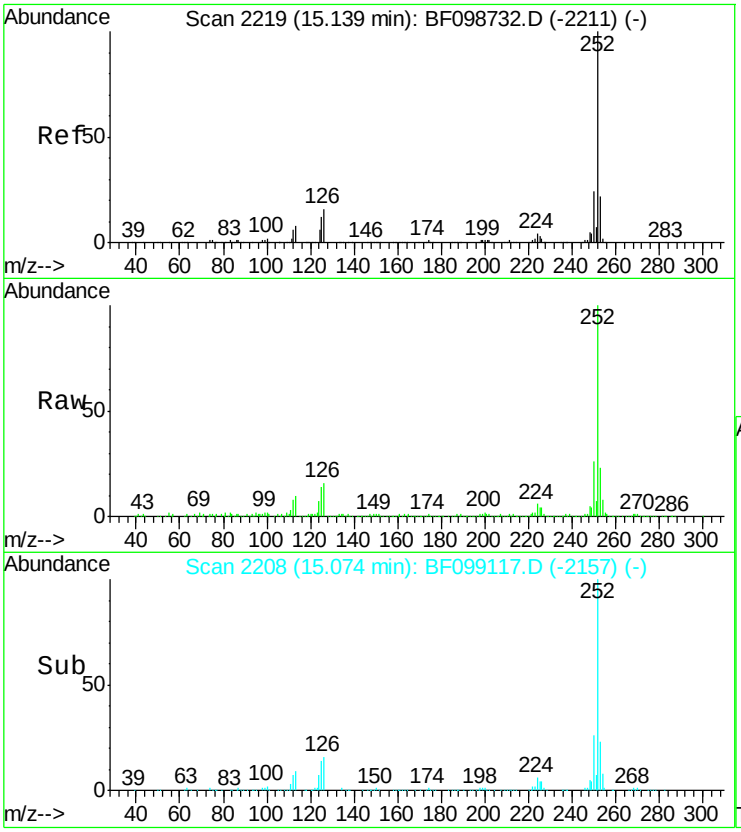


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:264 Resp: 263949

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3



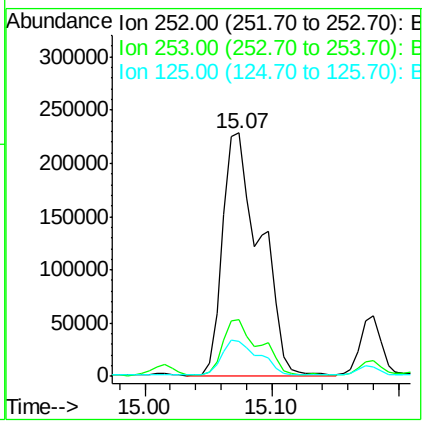


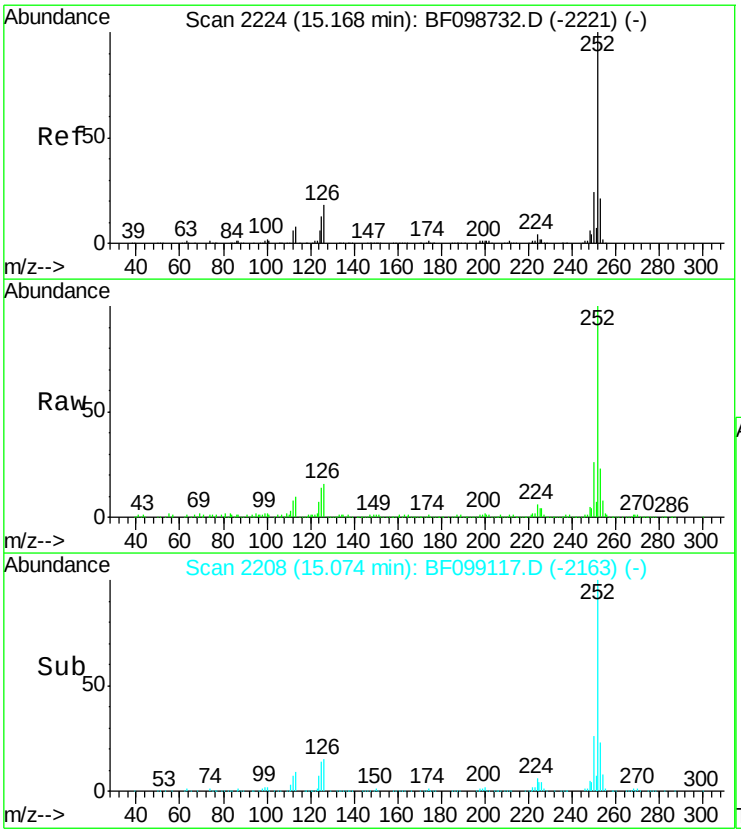
#87
Benzo(b)fluoranthene
Concen: 28.90 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 469074

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.5	9.0	13.6#

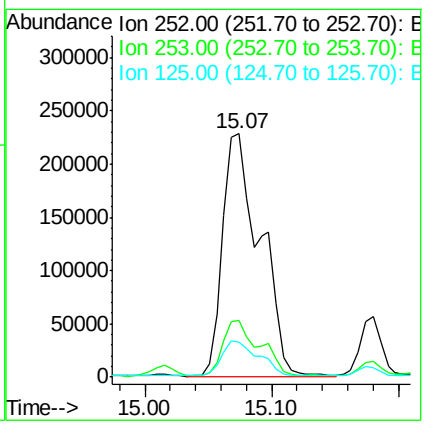


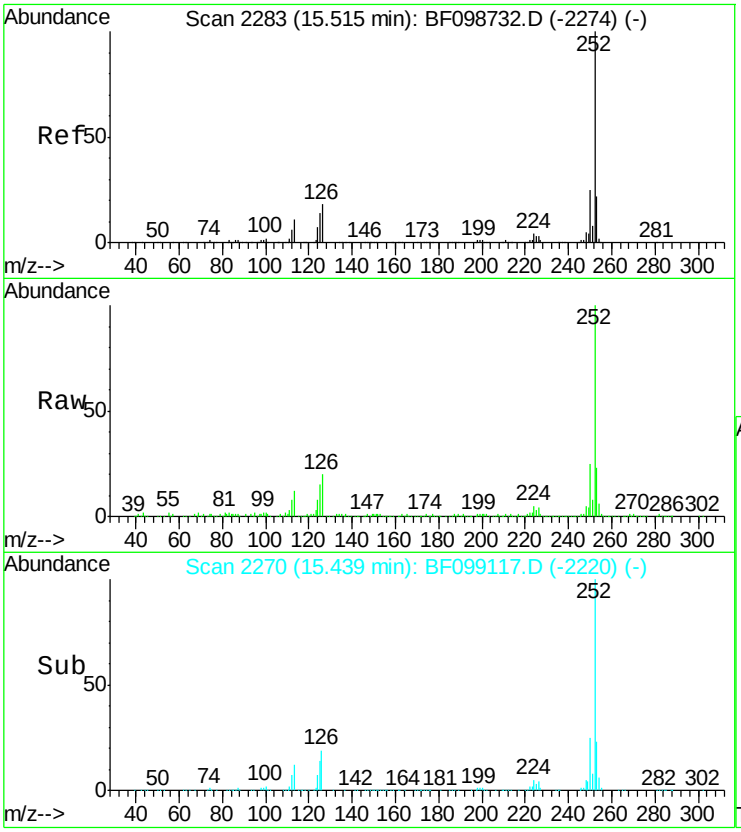


#88
Benzo(k)fluoranthene
Concen: 29.26 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:252 Resp: 469074

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.5	10.2	15.2



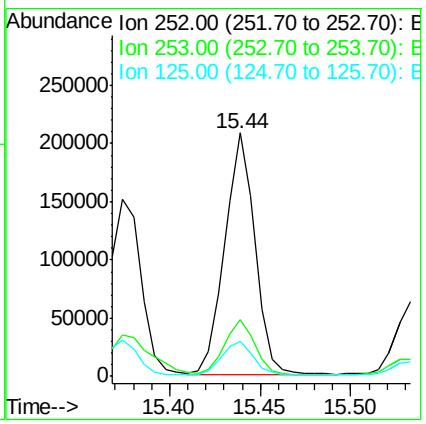


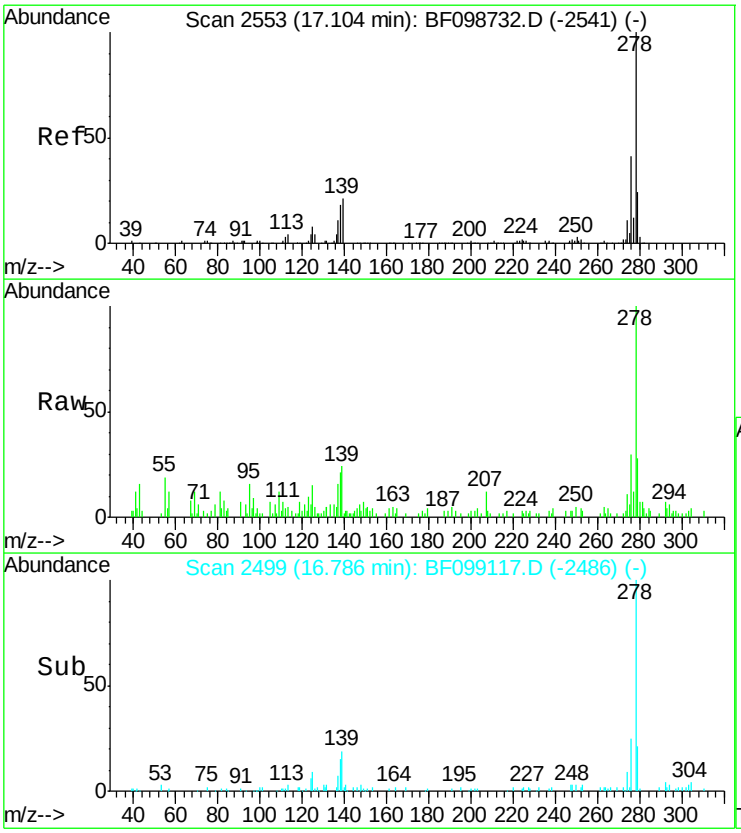
#89
Benzo(a)pyrene
Concen: 16.29 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 242688

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.5	9.8	14.6

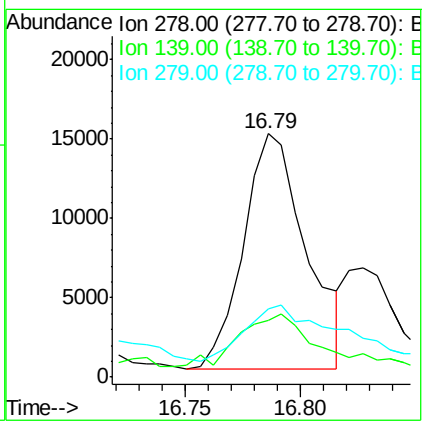


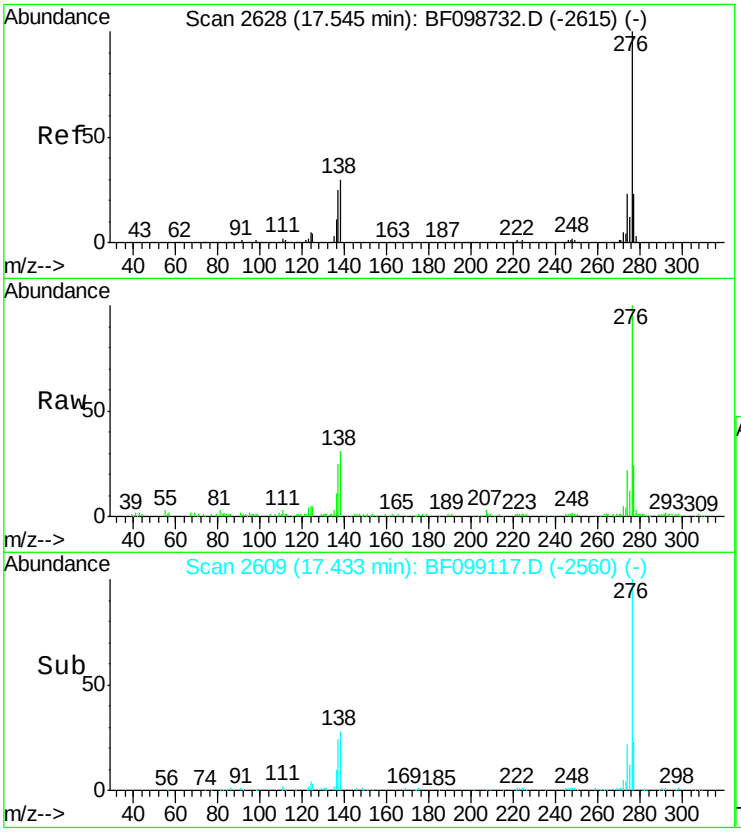


#90
Dibenzo(a,h)anthracene
Concen: 2.35 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.22 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Tgt Ion:278 Resp: 28030

Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 12.94 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF099117.D
Acq: 5 Oct 2017 21:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 152438

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.9	21.8	32.8